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RADC-TR-68-114, Volume III
Final Report



# DATA COLLECTION FOR NONELECTRONIC RELIABILITY HANDBOOK (NEDCO II)

Volume III, Section I, Failure Rate Data (Continued)

William Yurkowsky

Hughes Aircraft Company

TECHNICAL REPORT NO. RADC-TR- 68-114
June 1968

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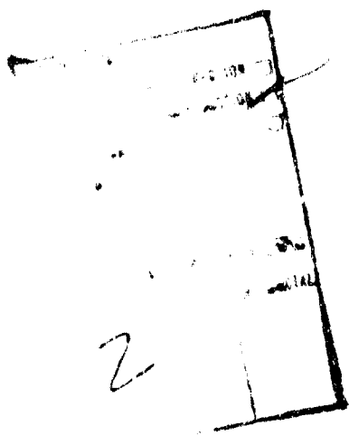
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# DATA COLLECTION FOR NONELECTRONIC RELIABILITY HANDBOOK (NEDCO II)

Volume III, Section I, Failure Rate Data (Continued)

William Yurkowsky

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## EXPLANATION OF NEDCO II DATA FORMAT

The computer printout of nonelectronic data is presented in three sections: Section I - Failure Rate Data, Section II - Stress Level Data/Part Number, and Section III - Failure Mode Distributions.

Format of Section I - FAILURE RATE DATA

PART CLASSIFICATION: Parts are classified by generic type, utilizing the first five digits of the IDEP code for part classification. In the NEDCO format, the first three digits of the IDEP code appear with the part type at the top of the page. The fourth and fifth digits of the IDEP code appear with the IDEP part descriptors and are intended as subheadings on each page. Consistent with the IDEP definition, "N.O.C." means "Not Otherwise Classified," in part class or subheading.

PART DESCRIPTION: Additional part descriptive information is presented in this field. The specific part name is listed here when the IDEP classification only groups several similar part types.

FUNCTIONAL APPLICATION: This field describes the subsystem or application in which the part is used. Also, certain operating conditions may appear in parentheses in this field. When the same letter used as a suffix on failure rate, upper 90% confidence limit, and part-hours may have more than one meaning (e.g., M = MISSIONS or M = MILES), its meaning for that line item of data is explained in this field.

ENVIRONMENT: The operating environment is given by the following abbreviations:

LAB = LABORATORY
GRD = GROUND
GRD FXD = GROUND, FIXED
GRD MOB = GROUND, MOBILE
GRD PORT = GROUND, PORTABLE
SHP = SHIPBOARD
SUB = SUBMARINE
SAT = SATELLITE
AIR = AIRCRAFT
AIR CB = AIRCRAFT, CARRIER BASED
AIR LB = AIRCRAFT, LAND BASED
MSL = MISSILE
GEN = GENERAL
LIFE, LAB = LIFE TEST, LABORATORY
LIFE, ACC = LIFE TEST, ACCELERATED
ACCEPT TEST = ACCEPTANCE TEST
STOR = STORAGE
AIR GRD = AIR, GROUND
AIR SHP GRD = AIR, SHIP, GROUND
HELI = HELICOPTER
QUAL TEST = QUALIFICATION AND EVALUATION TEST

SIM GRD = SIMULATED GROUND
SIM SHP = SIMULATED SHIPBOARD
SIM SUB = SIMULATED SUBMARINE
SIM SAT = SIMULATED SATELLITE
SIM MSL = SIMULATED MISSILE
SIM HELI = SIMULATED HELICOPTER
SIM AIR = SIMULATED AIRCRAFT
GRD SHP = GROUND, SHIP
RR = RAILROAD
SIM GRD AIR = SIMULATED GROUND, AIR

FAILURE RATE: Failures per million operating hours are given unless the failure rate is suffixed by a letter. The letter indicates that the failure rate is expressed in failures per million units explained either in the FUNCTIONAL APPLICATION field or as follows:

A = Actuations
C = Cycles
R = Rounds
P = Premature removals per million hours

An asterisk (*) indicates 0 failures.

UPPER 90% CONFIDENCE LIMIT: The upper one-sided 90% confidence limit is given in the units of the failure rate. Letters in suffix relate to units as in the FAILURE RATE field.

PART POPULATION: Total number of parts under observation are given in this field.

PART-HOURS: This field indicates total test time in millions of part-hours unless there is a letter in suffix. The letter is of the same code as the FAILURE RATE field.

YEAR OF REPORT: This date is the one appearing with the originator's data contribution and may represent either the date the data was generated or the date it was published.

DATA SOURCE: This field is a coded indication of the source of the data (see NEDCO II Source List), and is intended for RADC use only.

CROSS INDEX REFERENCE NUMBER: This number relates the failure rate data in Section I to the stress and failure mode information in Sections II and III. The suffix "A" on a number means that there exists supplemental information for the entry in Section II.

Format of Section II - STRESS LEVEL DATA/PART NUMBER

CROSS INDEX REFERENCE NUMBERS: This number relates to the failure rate data in Section I.

MILITARY STANDARD PART NUMBER/FEDERAL STOCK NUMBER: The number provided may be a Military Standard part number or a federal stock number.

PERCENT OF RATED VOLTAGE: The number indicated is the percent of the vendor-rated voltage at which the part was operated.

PERCENT OF RATED CURRENT: The number indicated is the percent of the vendor-rated current at which the part was operated.

PERCENT OF RATED POWER: The number indicated is the percent of the vendor-rated power at which the part was operated.

PERCENT OF RATED FREQUENCY: The number indicated is the percent of the vendor-rated frequency at which the part was operated.

PERCENT OF RATED PRESSURE: The number indicated is the percent of the vendor-rated pressure at which the part was operated.

TYPICAL TEMPERATURE: The number indicated is the ambient temperature of the part in degrees Centigrade which was experienced during operation.

HIGH TEMPERATURE: The number indicated is the greatest ambient temperature of the part in degrees Centigrade which was experienced during operation.

LOW TEMPERATURE: The number indicated is the lowest ambient temperature of the part in degrees Centigrade which was experienced during operation.

FREQUENCY OF SINUSOIDAL VIBRATION: The numbers indicated are an individual value or range of values for the frequency of sinusoidal vibration experienced by the part during operation. Values are presented in terms of cycles per second. The abbreviation K or M in this column indicates respectively kilocycles or megacycles.

INTENSITY OF SINUSOIDAL VIBRATION: The numbers indicated are an individual value or range of values for the intensity of sinusoidal vibration experienced by the part during operation. Values are presented in units of g (root-mean-square value).

INTENSITY OF RANDOM VIBRATION: The number indicated is the intensity of random vibration experienced by the part during operation. Values are presented in terms of the unit $g^2$ per cycle per second.

ACOUSTICAL VIBRATION: The number indicated is the intensity of acoustical vibration experienced by the part during operation. Values are presented in terms of decibels.

MAXIMUM INTENSITY OF SHOCK: The number indicated is the maximum intensity of shock experienced by the part during operation. Values are presented in units of g.

DURATION OF SHOCK: The number indicated is the average duration of individual shock blows experienced by the part during operation. Values are presented in terms of milliseconds.

SHOCK BLOWS PER HOUR: The number indicated is the average number of shock blows per hour experienced during operation.

TYPICAL PRESSURE: The number indicated is the typical barometric pressure experienced by the part during operation. Values are presented in terms of pounds per square inch absolute.

PRESSURE RANGE: The numbers indicated are the range of barometric pressures experienced by the part during operation. Values are presented in terms of pounds per square inch absolute.

TYPICAL RELATIVE HUMIDITY: The number indicated is the typical relative humidity in percent experienced by the part during operation.

RANGE OF RELATIVE HUMIDITY: The numbers indicated are the range of relative humidity in percent experienced by the part during operation.

Format of Section III - FAILURE MODE DISTRIBUTIONS

CROSS INDEX REFERENCE NUMBER: This number relates to the failure rate data in Section I. A missing cross index reference number indicates that failure rate information is unknown for that line entry.

FAILURE MODES BY PERCENT OF TOTAL FAILURES: The percent of the total number of failures attributed to a particular failure mode is given under a numerical heading in parentheses. The heading number corresponds to a numbered list of possible failure modes given at the beginning of the page(s) for each separate part type.

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.

NONELECTRONIC PART FAILURE RATE DATA JANUARY 1958

SECTION I FAILURE RATE DATA

PART CLASS 491 MAGNETS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF DATA RPT | SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .OC PERMANENT, N.O.C. | SEARCH-RADAR-SUBSYSTEM | AIR | 46.3821 | 180.412 | 2 | .02156 | 62 | 2322 | 32350000 |

PART CLASS SIT MECHANISMS, POWER TRANSMITTAL

| PART DESCRIPTION .GG N.E.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| | POWER.ENGINE-CONTROL | AIR | * | 4.53598 | 200 | .50763 | 65 | 1198 | 32350000 |
| | CONTROL.THROTTLE.ENGINE | AIR | * | 11.6434 | 384 | .1977e | 65 | 1227 | 32360000 |
| | CONTROL.HYDRAULIC.PITCH-TRIM-ACTUATOR | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 32362000 |
| | POWER.ENGINE-CONTROL | AIR | * | 6.78942 | 200 | .33912 | 63 | 1198 | 32364000 |
| | CONDITION.ENGINE-CONTROLS | AIR | * | 4.94672 | 400 | .46548 | 65 | 1198 | 32366000 |
| | WING-HINGE-PIN-COCK.WINGFOLD-CONTROL | AIR | * | 23.1719 | | .09937 | 65 | 1125 | 32368000 |
| | BOOSTER-OUTPUT.AILERON-CONTROL-SYSTEM | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 32370000 |
| | UPLOCK-INITIATOR.AIR-DROP-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 32372000 |
| | INPUT.WING-FLAP-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 32374000 |
| | BRAKE | GRD | * | 39.0271 | 54 | .059 | 65 | 1193 | 32376000 |
| | CAK-SHIFT.20MM-GUN | GRD | * | 23.0268 | 2 | .1R | 64 | 1134 | 32378000 |
| | POWER.ENGINE-CONTROL | AIR | * | 4.94672 | 400 | .46548 | 65 | 1198 | 32380000 |
| | MATCH.EJECTION-SYSTEM | AIR | * | 32.1502 | 186 | .07162 | 63 | 1111 | 32382000 |
| | CONTROL.POWER-UNIT.AILERON-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 32384000 |
| | BRAKE | GRD | * | 3.82669 | 663 | .60172 | 64 | 1176 | 32386000 |
| | CSD.ACCESSORY.BASIC-ENGINE | AIR | * | 23.2868 | 192 | .09668 | 65 | 1227 | 32388000 |
| | CONDITION.ENGINE-CONTROLS | AIR | 1.96993 | 7.66247 | 200 | .50763 | 65 | 1198 | 32390000 |
| | CONDITION.ENGINE-CONTROLS | AIR | 2.83286 | 11.0189 | 408 | .353 | 63 | 1114 | 32392000 |
| | CONTROL.THROTTLE | AIR | 2.85192 | 11.0931 | 1624 | .35064 | 64 | 1179 | 32394000 |
| | CONDITION.ENGINE-CONTROLS | AIR | 2.9488 | 11.4699 | 200 | .33912 | 63 | 1198 | 32396000 |
| | CONDITION.ENGINE-CONTROLS | AIR | 3.34448 | 13.009 | 200 | .299 | 63 | 1114 | 32398000 |
| | SHIFT.WING-FLAP-ASSEMBLY | AIR | 8.59328 | 33.4252 | 50 | .1637 | 65 | 1198 | 32400000 |
| | LOCK.INERTIA-REEL.STUDENT-SEAT | AIR | 8.7512 | 34.0395 | 473 | .11427 | 65 | 1228 | 32402000 |
| | BRAKE | GRD | 9.96644 | 22.1946 | 267 | .30101 | 64 | 1176 | 32404000 |
| | SHIFT.WING-FLAP-ASSEMBLY | AIR | 11.3636 | 44.2011 | 102 | .088 | 63 | 1114 | 32406000 |
| | LOCK.INERTIA-REEL.INSTRUCTOR-SEAT | AIR | 11.4077 | 44.3725 | 486 | .08766 | 64 | 1179 | 32408000 |
| | CONTROL.THROTTLE | AIR | 13.1268 | 23.0421 | 1892 | .45708 | 59 | 1228 | 32410000 |
| | LOCK.INERTIA-REEL.INSTRUCTOR-SEAT | AIR | 35.0048 | 69.9531 | 473 | .11427 | 65 | 1228 | 32412000 |
| | CLEARANCE-PLANE-INDICATOR.RADAR-SYS | SIM GRD AIR | 108.108 | 240.749 | 195 | .02775 | 64 | 1181 | 32414000A |
| | LOCK.INERTIA-REEL.STUDENT-SEAT | AIR | 114.077 | 175.754 | 406 | .08766 | 64 | 1179 | 32416000 |
| | CLEARANCE-PLANE-INDICATOR.RADAR-SYS | SIM GRD AIR | 150 | 334.04 | 139 | .02 | 63 | 1117 | 32418000 |
| ACTUATING | VARIABLE-GEOMETRY.TURBOJET.J85 | AIR | * | 10.0752 | 946 | .22854 | 65 | 1228 | 32420000 |
| ACTUATING | BOOSTER.AILERON-SYSTEM | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 32422000 |
| CARRIERS | PLANET-GEAR.REAR.REDUCTION-GEAR | AIR | .501379 | 1.95021 | 1716 | 1.9945 | 65 | 1201 | 32424000 |
| CARRIERS | PLANET-GEAR.FRONT.REDUCTION-GEAR | AIR | 1.79079 | 6.96547 | 708 | .55841 | 65 | 1201 | 32426000 |
| CARRIERS | PLANET-GEAR.REAR.REDUCTION-GEAR | AIR | 1.947 | 7.57325 | 528 | .81361 | 65 | 1201 | 32428000 |
| CARRIERS | PLANET-GEAR.REAR.REDUCTION-GEAR | AIR | 2.63754 | 10.2592 | 400 | .37914 | 65 | 1201 | 32430000 |
| CLEVISES | ACTUATING-ROD.DOOR.MAIN-LANDING-GEAR.INBOARD | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 32432000A |
| CLEVISES | RUDDER-SYSTEM | AIR | 8.7512 | 34.0395 | 473 | .11427 | 65 | 1228 | 32434000 |
| CLEVISES | ACTUATING-ROD.DOOR.MLG.INBOARD | AIR | 20.2265 | 78.6751 | 96 | .04944 | 65 | 1227 | 32436000 |
| CLOSING | TROOP-DOOR.CARGO-COMP | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 32438000 |
| COLUMNS.CONTROL | ELEVATOR-ASSEMBLY | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 32440000 |

PART CLASS 511 MECHANISMS, POWER TRANSMITTAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | GROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| COLUMNS.CONTROL | ELEVATOR-ASSEMBLY | AIR | * | 27.9917 | 152 | .08224 | 66 | 1250 | 32443000 |
| COLUMNS.CONTROL | ELEVATOR-ASSEMBLY | AIR | * | 9.99344 | 200 | .23274 | 65 | 1198 | 32444000 |
| COLUMNS.CONTROL | ELEVATOR-ASSEMBLY | AIR | * | 13.5798 | 100 | .16956 | 63 | 1198 | 32446000 |
| COLUMNS.CONTROL | ELEVATOR-ASSEMBLY | AIR | * | 9.07178 | 100 | .25382 | 65 | 1193 | 32448000 |
| COLUMNS.CONTROL | AILERON | AIR | 200 | 777.94 | 16 | .005 | 59 | 1110 | 32450000 |
| COLUMNS.STEERING | LANDING-GEAR | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 32452000 |
| COLUMNS.STEERING | LANDING-GEAR | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 32454000 |
| CORDS | PULLUP.DOOR.MECHANICAL.CREW | AIR | 200 | 445.386 | 68 | .015 | 63 | 1114 | 32456000 |
| CORDS | PULLUP.DOOR.MECHANICAL.CREW | AIR | 441.257 | 526.865 | 50 | .12691 | 65 | 1198 | 32458000 |
| CORDS | PULLUP.DOOR.MECHANICAL.CREW | AIR | 522.727 | 636.045 | 102 | .088 | 63 | 1114 | 32460000 |
| CORDS | PULLUP.DOOR.MECHANICAL.CREW | AIR | 790.581 | 907.046 | 100 | .11637 | 65 | 1198 | 32462000 |
| CORDS | PULLUP.DOOR.MECHANICAL.CREW | AIR | 1096.95 | 1257.6 | 50 | .08478 | 63 | 1198 | 32464000 |
| CORDS | PULLUP.DOOR.MECHANICAL.CREW | AIR | 1173.33 | 1350.45 | 50 | .075 | 63 | 1114 | 32466000 |
| CORDS.SHOCK.BUNGEE | LANDING-GEAR | AIR | 32.258 | 85.8635 | 272 | .062 | 63 | 1114 | 32468000 |
| CORDS.SHOCK.BUNGEE | LANDING-GEAR | AIR | 302.718 | 338.076 | 400 | .46579 | 65 | 1198 | 32470000 |
| CORDS.SHOCK.BUNGEE | LANDING-GEAR | AIR | 403.837 | 442.417 | 200 | .50763 | 65 | 1198 | 32472000 |
| CORDS.SHOCK.BUNGEE | LANDING-GEAR | AIR | 474.758 | 526.393 | 200 | .33912 | 63 | 1198 | 32474000 |
| CORDS.SHOCK.BUNGEE | LANDING-GEAR | AIR | 528.428 | 585.433 | 200 | .299 | 63 | 1114 | 32476000 |
| CORDS.SHOCK.BUNGEE | LANDING-GEAR | AIR | 569.405 | 624.405 | 408 | .353 | 63 | 1114 | 32478000 |
| CORDS.SHOCK.RESTRAIN | DOPPLER-RADAR.AN/APN-147 | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 32480000 |
| CORDS.SHOCK.RESTRAIN | DOPPLER-RADAR.AN/APN-147 | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 32482000 |
| CRANK-IDL-CAM-EL-AB-TAB-LN | FLIGHT-CONTROLS.331C/373C | AIR | 5009 | | | | 66 | 2365 | 32484000 |
| CRANKS | ACTUATING-CYLINDER.LANDING-GEAR.NOSE | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 32486000 |
| CRANKS | HAND.DOOR.HYDRAULIC.PARATROOP | AIR | * | 192.847 | 31 | .01194 | 64 | 1111 | 32488000 |
| CRANKS | HAND.DOOR.HYDRAULIC.PETAL | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 32490000 |
| CRANKS | FLAP.DOOR.LANDING-GEAR.MAIN | AIR | .965531 | 3.75562 | 1194 | 1.0337 | 67 | 1272 | 32492000 |
| CRANKS | FLAPDOOR.LANDING-GEAR.MAIN-PARATROOP | AIR | 4.3756 | 17.0197 | 946 | .22853 | 65 | 1228 | 32494000 |
| CRANKS | LOCK.CANOPY.STUDENT | AIR | 8.7512 | 34.0395 | 473 | .11427 | 65 | 1228 | 32496000 |
| CRANKS | INTERCONNECT.RUDDER-CONTROL-SYSTEM | AIR | 10.1132 | 39.3375 | 192 | .09888 | 63 | 1227 | 32498000 |
| CRANKS | LOCK.CANOPY.INSTRUCTOR | AIR | 11.4077 | 44.3725 | 406 | .08766 | 65 | 1179 | 32500000 |
| CRANKS | LOCK.CANOPY.STUDENT | AIR | 13.5163 | 22.7265 | 597 | .51789 | 67 | 1272 | 32502000 |
| CRANKS | FLAPDOOR.LANDING-GEAR.MAIN-PARATROOP | AIR | 17.4115 | 38.1063 | 812 | .17592 | 64 | 1179 | 32504000 |
| CRANKS | DRIVE.CANOPY.STUDENT-PARATROOP | AIR | 17.5024 | 46.5765 | 473 | .11427 | 65 | 1228 | 32506000 |
| CRANKS | DRIVE.CANOPY.STUDENT | AIR | 19.3091 | 29.7488 | 597 | .51789 | 67 | 1272 | 32508000 |
| CRANKS | WINDSHIELD.STUDENT | AIR | 22.8154 | 60.7152 | 406 | .08766 | 64 | 1179 | 32510000 |
| CRANKS | DRIVE.CANOPY.STUDENT-PARATROOP | AIR | 22.8154 | 60.7152 | 406 | .08766 | 64 | 1179 | 32512000 |
| CRANKS | LOCK.CANOPY.STUDENT | AIR | 22.8154 | 60.7152 | 406 | .08766 | 64 | 1179 | 32514000 |
| CRANKS | LOCK.CANOPY.INSTRUCTOR | AIR | 34.7564 | 47.8022 | 597 | .51789 | 67 | 1272 | 32516000 |
| CRANKS | WINDSHIELD.STUDENT | AIR | 36.6873 | 50.0155 | 597 | .51789 | 67 | 1272 | 32518000 |
| CRANKS | WINDSHIELD.STUDENT | AIR | 43.758 | 81.1647 | 473 | .11427 | 65 | 1228 | 32520000 |

PART CLASS 311 MECHANISMS, POWER TRANSMITTAL

| PART DESCRIPTION .00 N.O.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| CRANKS | DRIVE.CANOPY.INSTRUCTOR | AIR | 45.6308 | 91.1881 | 406 | .08766 | 64 | 1179 | 32522000 |
| CRANKS | DRIVE.CANOPY.INSTRUCTOR-FORWARD-ENTRANCE | AIR | 52.5072 | 92.1685 | 473 | .11427 | 65 | 1228 | 32524000 |
| CRANKS | DRIVE.CANOPY.INSTRUCTOR | AIR | 83.0292 | 101.732 | 597 | .51789 | 67 | 1272 | 32526000 |
| CRANKS.HAND | DOOR.HYDRAULIC.PETAL | AIR | 24.3131 | 94.5708 | 76 | .04113 | 66 | 1250 | 32528000A |
| CRANKS.INTERCONNECT | RUDDER-CONTROL-SYSTEM | AIR | 12.158 | 32.3544 | 304 | .1645 | 66 | 1250 | 32530000 |
| DRUMS | CABLE.CAMERA-DOOR | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 32532000 |
| DRUMS | DOOR.MECHANICAL.PERSONNEL.CARGO-COMPARTMENT | AIR | * | 13.9975 | 304 | .1645 | 66 | 1250 | 32534000 |
| DRUMS | DOOR.MECHANICAL.PERSONNEL.CARGO-COMP | AIR | * | 23.2868 | 192 | .09888 | 65 | 1227 | 32536000 |
| DRUMS | CABLE.STEERING-SYSTEM | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 32538000 |
| DRUMS | RUDDER-TRIM-CONTROL | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 32540000 |
| DRUMS | COUNTERWEIGHT.DOOR.MECHANICAL.PARATROOP | AIR | * | 4.94872 | 400 | .46549 | 65 | 1198 | 32542000 |
| DRUMS | COUNTERBACANCE.DOOR.MECHANICAL.FORWARD-ENTRANCE | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 32544000 |
| DRUMS | COUNTERWEIGHT.DOOR.MECHANICAL.PARATROOP | AIR | 5.90981 | 13.1607 | 200 | .50763 | 65 | 1198 | 32546000 |
| DRUMS | COUNTERWEIGHT.DOOR.MECHANICAL.PARATROOP | AIR | 8.49858 | 18.9257 | 408 | .353 | 63 | 1114 | 32548000 |
| DRUMS | COUNTERWEIGHT.DOOR.MECHANICAL.PARATROOP | AIR | 14.7444 | 27.3501 | 200 | .33911 | 63 | 1198 | 32550000 |
| DRUMS | COUNTERWEIGHT.DOOR.MECHANICAL.PARATROOP | AIR | 16.7224 | 31.019 | 200 | .299 | 63 | 1114 | 32552000 |
| DRUMS.COUNTERBALANCE | DOOR.MECHANICAL.FORWARD-ENTRANCE | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 32554000 |
| JACKSHAFTS | STEERING-SYSTEM | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 32556000 |
| LANYARDS | HATCH.EJECTION-SYSTEM | AIR | * | 32.1502 | 186 | .07162 | 63 | 1111 | 32558000 |
| LANYARDS | LAPBELT.RETAINER.INSTRUCTOR-SEAT | AIR | 3.86182 | 10.2768 | 597 | .51789 | 67 | 1272 | 32560000 |
| LANYARDS | LAPBELT-RETAINER.INSTRUCTOR-SEAT | AIR | 11.4077 | 44.3725 | 406 | .08766 | 64 | 1179 | 32562000 |
| LANYARDS | LAPBELT.RETAINER.STUDENT-SEAT | AIR | 11.5854 | 20.3365 | 597 | .51789 | 67 | 1272 | 32564000 |
| LANYARDS | LAPBELT-RETAINER.STUDENT-SEAT | AIR | 34.2231 | 76.2126 | 406 | .08766 | 64 | 1179 | 32566000 |
| LANYARDS | LAPBELT-RETAINER.STUDENT-SEAT | AIR | 35.0048 | 69.9531 | 473 | .11427 | 65 | 1228 | 32568000 |
| LANYARDS | LAPBELT-RETAINER.INSTRUCTOR-SEAT | AIR | 35.0048 | 69.9531 | 473 | .11427 | 65 | 1228 | 32570000 |
| LANYARDS | LAPBELT-RETAINER.INSTRUCTOR-SEAT | AIR | 35.0048 | 69.9531 | 473 | .11427 | 65 | 1228 | 32572000 |
| LANYARDS.SURVIVAL-EQUIPMENT | | AIR | 1.43219 | 5.5708 | 600 | .69823 | 65 | 1198 | 32574000 |
| LANYARDS.SURVIVAL-EQUIPMENT | | AIR | 10.7526 | 41.8247 | 408 | .093 | 63 | 1114 | 32576000 |
| LEVERS | CONTROL.HYDRAULIC.PITCH-TRIM-ACTUATOR | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 32578000 |
| LEVERS | CONTROL.THROTTLE.ENGINE | AIR | * | 8.99878 | 608 | .329 | 66 | 1250 | 32580000 |
| LEVERS | UPLOCK-INIATOR.AIR-DROP-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 32582000A |
| LEVERS | INPUT.WING-FLAP-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 32584000 |
| LEVERS | CONTROL.POWER-UNIT.AILERON-SYSTEM | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 32586000A |
| LEVERS | CONTROL.THROTTLE | AIR | 19.7924 | 24.3736 | 2388 | 2.0715 | 67 | 1272 | 32588000 |
| LEVERS | LOCK.INERTIA-REEL.INSTRUCTOR-SEAT | AIR | 42.48 | 56.6148 | 597 | .51789 | 67 | 1272 | 32590000 |
| LEVERS | PYLON.MAIN-ROTOR | HELI | 79.0513 | 210.367 | 80 | .0253 | 66 | 1257 | 32592000 |

PART CLASS 311 MECHANISMS, POWER TRANSMITTAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| LEVERS | LOCK.INERTIA-REEL.STUDENT-SEAT | AIR | 104.269 | 124.913 | 597 | .51789 | 67 | 1272 | 32594000 |
| LEVERS | PYLON.FAIN-ROTOR | HELI | 274.566 | 374.314 | 80 | .0692 | 66 | 1257 | 32596000 |
| LEVERS | PYLON.FAIN-ROTOR | HELI | 276.497 | 815.741 | 40 | .01085 | 66 | 1257 | 32598000 |
| LEVERS.CLOSING | TROOP-DOOR.CARGO-COMPARTMENT | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 32600000 |
| LEVERS.GEARSHIFT.MANUAL | (M=MILES) | GRD | 16.2074M | 63.0421M | 15 | .0617M | 60 | 1255 | 32602000 |
| LIFTERS.BRUSH | | | * | 57.565C | | .040000 | 63 | 2210 | 32604000 |
| LINKAGE | | AIR | 196 | | | | 57 | 2L1 | 32606000 |
| LINKAGES | AILERON-DROOP/DIFFERENTIAL | AIR | * | 23.1719 | | .09937 | 63 | 1123 | 32608000 |
| LINKAGES | BRAKES/ANTI-SKID.LANDING-GEAR | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 32610000 |
| LINKAGES | PRESSURE-SEAL-AILERON-CONTROL-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 32612000 |
| LINKAGES | BRAKES/ANTI-SKID.LANDING-GEAR | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 32614000 |
| LINKAGES | PEDAL.RUDDER-SYSTEM.FLIGHT-CONTROL | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 32616000 |
| LINKAGES | ACCUMULATOR.REFUELING-SYSTEM | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 32618000 |
| LINKAGES | RUDDER-CONTROL | AIR | * | 46.3393 | | .04969 | 63 | 1123 | 32620000 |
| LINKAGES | SERVO-TAB.AILERON-CONTROL-SYSTEM | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 32622000 |
| LINKAGES | PRESSURE-SEAL.AILERON-CONTROL-SYSTEM | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 32624000 |
| LINKAGES | INBOARD-MAIN-LANDING-GEAR-DOOR | AIR | * | 23.1719 | | .09937 | 63 | 1123 | 32626000 |
| LINKAGES | CONTROL.PEDAL.RUDDER-ASSEMBLY | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 32628000 |
| LINKAGES | PEDAL.RUDDER-SYSTEM.FLIGHT-CONTROL | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 32630000 |
| LINKAGES | SERVO-TAB.AILERON-CONTROL-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 32632000 |
| LINKAGES | RAMP-LATCH-ACTUATING.DOOR.HYDRAULIC | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 32634000 |
| LINKAGES | INPUT.PITCH-TRIM-ACTUATOR | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 32636000 |
| LINKAGES | COORDINATOR.ENGINE-CONTROLS | AIR | 2.83286 | 11.0189 | 408 | .353 | 63 | 1114 | 32638000 |
| LINKAGES | NTS.ENGINE-CONTROLS | AIR | 4.29664 | 11.434 | 400 | .46548 | 65 | 1198 | 32640000 |
| LINKAGES | PEDAL.BRAKE-SYSTEM.LANDING-GEAR | AIR | 6.5634 | 14.6162 | 1892 | .45708 | 65 | 1228 | 32642000 |
| LINKAGES | THROTTLE-CONTROL.(M=MILES) | GRD | 8.1103M | 31.5466M | 30 | .1233M | 66 | 1255 | 32644000 |
| LINKAGES | NEGATOR-TORQUE-SYSTEM.ENGINE-CONTROLS | AIR | 8.49858 | 18.9257 | 408 | .353 | 63 | 1114 | 32646000 |
| LINKAGES | CONTROL.LANDING-GEAR | AIR | 11.4077 | 30.3576 | 812 | .17532 | 64 | 1179 | 32648000 |
| LINKAGES | RAMP-LATCH-ACTUATING.DOOR.HYDRAULIC | AIR | 11.7952 | 45.8799 | 50 | .08478 | 63 | 1198 | 32650000 |
| LINKAGES | ENGINE-CONTROL-SYSTEM | AIR | 12.158 | 32.3544 | 304 | .1645 | 66 | 1250 | 32652000 |
| LINKAGES | RAMP-LATCH-ACTUATING.DOOR.HYDRAULIC | AIR | 13.3333 | 51.8626 | 90 | .075 | 63 | 1114 | 32654000 |
| LINKAGES | PEDAL.BRAKE-SYSTEM.LANDING-GEAR | AIR | 14.963 | 19.0344 | 2388 | 2.0715 | 67 | 1272 | 32656000 |
| LINKAGES | INTERCONNECT.CONTROL.LANDING-GEAR | AIR | 15.4484 | 21.6777 | 1194 | 1.0357 | 67 | 1272 | 32658000 |
| LINKAGES | NEGATOR-TORQUE-SYSTEM.ENGINE-CONTROLS | AIR | 16.129 | 62.737 | 272 | .062 | 63 | 1114 | 32660000 |
| LINKAGES | PEDAL.BRAKE-SYSTEM | AIR | 17.1115 | 30.0367 | 1624 | .35064 | 64 | 1179 | 32662000 |
| LINKAGES | INTERCONNECT.CONTROL.LANDING-GEAR | AIR | 17.1115 | 38.1063 | 812 | .17532 | 64 | 1179 | 32664000 |
| LINKAGES | CONTROL.LANDING-GEAR | AIR | 19.345 | 25.0097 | 1194 | 1.0357 | 67 | 1272 | 32666000 |
| LINKAGES | ENGINE-CONTROL-SYSTEM | AIR | 20.2265 | 53.8256 | 192 | .09888 | 65 | 1227 | 32668000 |
| LINKAGES | NTS.ENGINE-CONTROLS | AIR | 21.6693 | 32.6973 | 200 | .50763 | 65 | 1198 | 32670000 |
| LINKAGES | WING-FLAP.FLIGHT-CONTROL | AIR | 22.8154 | 45.594 | 812 | .17532 | 64 | 1179 | 32672000 |
| LINKAGES | COORDINATOR.ENGINE-CONTROLS | AIR | 23.4113 | 39.3675 | 200 | .299 | 63 | 1114 | 32674000 |
| LINKAGES | COORDINATOR.ENGINE-CONTROLS | AIR | 23.5904 | 38.3188 | 200 | .33912 | 63 | 1198 | 32676000 |
| LINKAGES | INTERCONNECT.RUDDER-SYSTEM | AIR | 28.5192 | 52.9015 | 812 | .17532 | 64 | 1179 | 32678000 |

PART CLASS 511 MECHANISMS, POWER TRANSMITTAL

| PART DESCRIPTION .60 N.O.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| LINKAGES | INTERCONNECT.CONTROL.LANDING-GEAR | AIR | 30.6292 | 51.5047 | 946 | .22854 | 65 | 1228 | 32690000 |
| LINKAGES | WING-FLAP.FLIGHT-CONTROL | AIR | 30.6292 | 51.5047 | 946 | .22854 | 65 | 1228 | 32692000 |
| LINKAGES | NTS.ENGINE-CONTROLS | AIR | 35.3857 | 52.4343 | 200 | .33912 | 63 | 1198 | 32664000 |
| LINKAGES | PEDAL.RUDDER-SYSTEM | AIR | 38.6212 | 47.6876 | 1194 | 1.0357 | 67 | 1272 | 32686000 |
| LINKAGES | NEGATOR-TORQUE-SYSTEM.ENGINE-CONTROLS | AIR | 40.1337 | 59.47 | 200 | .299 | 63 | 1114 | 32688000 |
| LINKAGES | INPUT.PITCH-TRIM-ACTUATOR | AIR | 40.453 | 157.35 | 48 | .02472 | 65 | 1227 | 32690000 |
| LINKAGES | INTERCONNECT.RUDDER-SYSTEM | AIR | 42.4833 | 51.9286 | 1194 | 1.0357 | 67 | 1272 | 32692000 |
| LINKAGES | WING-FLAP.FLIGHT-CONTROL | AIR | 42.4488 | 52.9863 | 1194 | 1.0357 | 67 | 1272 | 32[illegible]4000 |
| LINKAGES | CONTROL.LANDING-GEAR | AIR | [illegible] | 67.4133 | 946 | .22854 | 65 | 1228 | 32696000 |
| LINKAGES | INTERCONNECT.RUDDER-SYSTEM | AIR | 43.756 | 67.4133 | 946 | .22854 | 65 | 1228 | 32698000 |
| LINKAGES | RAMP-LATCH-ACTUATING.DOOR.HYDRAULIC | AIR | 47.2775 | 82.9887 | 50 | .12691 | 65 | 1198 | 32700000 |
| LINKAGES | COORDINATOR.ENGINE-CONTROLS | AIR | 51.2184 | 66.6556 | 200 | .50763 | 65 | 1198 | 32702000 |
| LINKAGES | RAMP-LATCH-ACTUATING.DOOR.HYDRAULIC | AIR | 60.1818 | 119.682 | 102 | .088 | 63 | 1114 | 32704000 |
| LINKAGES | AILERON-SYSTEM.FLIGHT-CONTROL | AIR | 68.4462 | 120.147 | 406 | .08766 | 64 | 1179 | 32706000 |
| LINKAGES | HANDLE.RELEASE.ALTERNATE.LANDING-GEAR | AIR | 69.5128 | 86.8486 | 593 | .51789 | 67 | 1272 | 32708000 |
| LINKAGES | PEDAL.RUDDER-SYSTEM | AIR | 83.1364 | 113.339 | 946 | .22854 | 65 | 1228 | 32710000 |
| LINKAGES | AILERON-SYSTEM.FLIGHT-CONTROL | AIR | 96.2032 | 145.253 | 473 | .11427 | 65 | 1228 | 32712000 |
| LINKAGES | AILERON-SYSTEM.FLIGHT-CONTROL | AIR | 108.131 | 129.109 | 597 | .51789 | 67 | 1272 | 32714000 |
| LINKAGES | CONTROL.ENGINE-THROTTLE | AIR | 125.654 | 186.194 | 248 | .0955 | 63 | 1111 | 32716000 |
| LINKAGES | PEDAL.RUDDER-SYSTEM | AIR | 148.3 | 192.997 | 812 | .17532 | 64 | 1179 | 32718000 |
| LINKAGES | PEDAL.RUDDER-SYSTEM.FLIGHT-CONTROL | AIR | 164.14 | 181.479 | 1194 | 1.0357 | 67 | 1272 | 32720000 |
| LINKAGES | ENGINE-BUILDUP.TURBOJET.J-85 | AIR | 205.338 | 256.548 | 812 | .17532 | 64 | 1179 | 32722000 |
| LINKAGES | ENGINE-BUILDUP.TURBOJET.J-85 | AIR | 245.653 | 249.695 | 946 | .22854 | 65 | 1228 | 32724000 |
| LINKAGES | CONTROL.ENGINE-BUILDUP.TURBOJET.J-85 | AIR | 546.95 | 615.133 | 946 | .22854 | 65 | 1228 | 32726000 |
| LINKAGES | CONTROL.ENGINE-BUILDUP.TURBOJET.J-85 | AIR | 633.127 | 717.308 | 812 | .17532 | 64 | 1179 | 32728000 |
| LINKAGES | HANDLE.RELEASE.ALTERNATE.LANDING-GEAR | AIR | 45.6308 | 91.1881 | 406 | .08766 | 64 | 1179 | 32730000 |
| LINKAGES | HANDLE.RELEASE.ALTERNATE.LANDING-GEAR | AIR | 70.0096 | 113.719 | 473 | .11427 | 65 | 1228 | 32732000 |
| LINKAGES.ACTUATING | AILERON-SYSTEM.FLIGHT-CONTROL | AIR | 45.6308 | 91.1881 | 406 | .08766 | 64 | 1179 | 32734000 |
| LINKAGES.ACTUATING | STEERING.NOSEWHEEL | AIR | 68.4462 | 101.423 | 812 | .17532 | 64 | 1179 | 32736000 |
| LINKAGES.ACTUATING | STEERING.NOSEWHEEL | AIR | 76.2769 | 88.6961 | 1194 | 1.0357 | 67 | 1272 | 32738000 |
| LINKAGES.ACTUATING | AILERON-SYSTEM.FLIGHT-CONTROL | AIR | 78.7608 | 124.319 | 473 | .11427 | 65 | 1228 | 32740000 |
| LINKAGES.ACTUATING | STEERING.NOSEWHEEL | AIR | 91.8876 | 123.323 | 946 | .22854 | 65 | 1228 | 32742000 |
| LINKAGES.ACTUATING | AILERON-SYSTEM.FLIGHT-CONTROL | AIR | 144.818 | 160.693 | 597 | .51789 | 67 | 1272 | 32744000 |
| LINKAGES.ACTUATING.ROD-END | DOOR.PLG.INBOARD | AIR | 2.83286 | 11.0189 | 408 | .353 | 63 | 1114 | 32746000 |
| LINKAGES.ACTUATING.ROD-END | DOOR.PLG.INBOARD | AIR | 3.94609 | 10.5011 | 200 | .50683 | 65 | 1198 | 32748000 |
| LINKAGES.ACTUATING.ROD-END | DOOR.PLG.INBOARD | AIR | 8.59328 | 17.1727 | 400 | .46548 | 65 | 1198 | 32750000 |
| LINKAGES.ADJUSTING | STEERING.NOSEWHEEL | AIR | 40.5522 | 45.8102 | 1194 | 1.0357 | 67 | 1272 | 32752000 |
| LINKAGES.ADJUSTING | STEERING.NOSEWHEEL | AIR | 51.3347 | 81.0289 | 812 | .17532 | 64 | 1179 | 32754000 |
| LINKAGES.ADJUSTING | STEERING.NOSEWHEEL | AIR | 56.8828 | 82.9524 | 946 | .22854 | 65 | 1228 | 32756000 |
| LINKAGES.BELL-CRANK | AILERON-CONTROL | AIR | * | 9.89344 | 200 | .23274 | 65 | 1198 | 32758000 |
| LINKAGES.ROD-END-ACTUATING | DOOR.LANDING-GEAR.NOSE.FORWARD | AIR | * | 4.94672 | 400 | .46548 | 65 | 1198 | 32760000 |

PART CLASS 511 MECHANISMS, POWER TRANSMITTAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .05 N.O.C. | | | | | | | | | |
| LINKAGES.ROD-END-ACTUATING | DOOR.LANDING-GEAR.MAIN.OUTBOARD | AIR | 4.29659 | 8.58625 | 800 | .93097 | 65 | 1198 | 32762000 |
| LINKAGES.ROD-END-ACTUATING | DOOR.LANDING-GEAR.NOSE.FORWARD | AIR | 5.89761 | 15.6944 | 200 | .33912 | 63 | 1198 | 32764000 |
| LINKAGES.ROD-END-ACTUATING | DOOR.LANDING-GEAR.NOSE.FORWARD | AIR | 6.68896 | 17.8003 | 200 | .299 | 63 | 1114 | 32766000 |
| LINKAGES.ROD-END-ACTUATING | DOOR.LANDING-GEAR.NOSE.FORWARD | AIR | 7.87975 | 15.7468 | 200 | .50763 | 65 | 1198 | 32768000 |
| LINKAGES.ROD-END-ACTUATING | DOOR.LANDING-GEAR.MAIN.OUTBOARD | AIR | 8.06451 | 31.3685 | 544 | .124 | 63 | 1114 | 32770000 |
| LINKAGES.ROD-END-ACTUATING | DOOR.LANDING-GEAR.NOSE.FORWARD | AIR | 8.49858 | 18.9257 | 408 | .353 | 63 | 1114 | 32772000 |
| LINKAGES.ROD-END-ACTUATING | DOOR.LANDING-GEAR.MAIN.OUTBOARD | AIR | 14.7442 | 22.7859 | 400 | .67823 | 63 | 1198 | 32774000 |
| LINKAGES.ROD-END-ACTUATING | DOOR.LANDING-GEAR.MAIN.OUTBOARD | AIR | 16.6944 | 25.7206 | 400 | .599 | 63 | 1114 | 32776000 |
| LINKAGES.ROD-END-ACTUATING | DOOR.LANDING-GEAR.MAIN.OUTBOARD | AIR | 23.6392 | 35.0285 | 200 | .50763 | 65 | 1198 | 32778000 |
| LINKAGES.ROD-END-ACTUATING | DOOR.LANDING-GEAR.MAIN.OUTBOARD | AIR | 33.9943 | 50.3726 | 408 | .353 | 63 | 1114 | 32780000 |
| LINKAGES.STEERING | RUDDER-PEDAL | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 32782000 |
| LINKAGES.STEERING | LANDING-GEAR | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 32784000 |
| LINKAGES.STEERING | LANDING-GEAR | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 32786000 |
| LINKAGES.STEERING | RUDDER-PEDAL | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 32788000 |
| LINKAGES.STEERING | LANDING-GEAR | AIR | 11.7952 | 45.8799 | 100 | .08478 | 63 | 1198 | 32790000 |
| LINKAGES.STEERING | LANDING-GEAR | AIR | 13.3333 | 51.8626 | 50 | .075 | 63 | 1114 | 32792000 |
| LINKAGES-BELL-CRANK-ROD | AILERON-CONTROL | AIR | * | 3.29776 | 400 | .69823 | 65 | 1198 | 32794000 |
| MAGNETIC | | LAB | .5 | | | | 63 | 1138 | 32796000 |
| MAGNETIC | | AIR | 9.52381 | 25.3442 | 7 | .21 | 62 | 1099 | 32798000 |
| MAGNETIC | | AIR | 30 | | | | 61 | 1068 | 32800000 |
| POWER-TRANSFER | | AIR | * | 164.471 | | .014 | 61 | 1082 | 32802000 |
| POWER-TRANSFER | | AIR GND | 675 | 1471.36 | | .008 | 61 | 1081 | 32804000 |
| PULLEY | ENGINE-CONTROL | AIR | * | 2.47333 | 800 | .93097 | 65 | 1198 | 32806000 |
| QUADRANTS | CONTROL.WING-FLAP-ASSEMBLY | AIR | * | 27.1597 | 50 | .08478 | 63 | 1198 | 32808000 |
| QUADRANTS | RELEASE.ALTERNATE.LANDING-GEAR | AIR | * | 26.2673 | 406 | .08766 | 64 | 1179 | 32810000 |
| QUADRANTS | INPUT.POWER-UNIT.WING-SPOILER-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 32812000 |
| QUADRANTS | AILERON-BOOST-CABLE | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 32814000 |
| QUADRANTS | INPUT.POWER-UNIT.AILERON-CONTROL-SYS | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 32816000 |
| QUADRANTS | CONTROL.ENGINE | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 32818000 |
| QUADRANTS | CONTROL.W/SSS.AILERON-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 32820000 |
| QUADRANTS | CONTROL.WING-FLAP-ASSEMBLY | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 32822000 |
| QUADRANTS | INPUT.PITCH-TRIM-ACTUATOR | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 32824000 |
| QUADRANTS | WALKING-BEAM.STABILIZER.HORIZONTAL | AIR | * | 20.1505 | 473 | .11427 | 65 | 1228 | 32826000 |
| QUADRANTS | AUTO-PILOT-SERVO.AILERON-SYSTEM | AIR | * | 9.89344 | 200 | .22274 | 65 | 1198 | 32828000 |
| QUADRANTS | FLIGHT-STATION.PITCH-TRIM-ACTUATOR | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 32830000 |
| QUADRANTS | INPUT.WING-FLAP-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 32832000 |
| QUADRANTS | CONTROL.ENGINE | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 32834000 |
| QUADRANTS | CONTROL.WING-FLAP-ASSEMBLY | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 32836000 |
| QUADRANTS | INPUT.PILOT.WING-FLAP-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 32838000 |
| QUADRANTS | CONTROL.THROTTLE.ENGINE-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 32840000 |
| QUADRANTS | CENTER-WING.AILERON-CONTROL-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 32842000 |
| QUADRANTS | RUDDER-SYSTEM | AIR | * | 13.1336 | 812 | .17592 | 64 | 1179 | 32844000 |
| QUADRANTS | INPUT.ELEVATOR-CONTROL-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 32846000 |
| QUADRANTS | INPUT.RUDDER-CONTROL-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 32848000 |
| QUADRANTS | CONTROL.THROTTLE.ENGINE-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 32850000 |

PART CLASS .11 MECHANISMS, POWER TRANSMITTAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| QUADRANTS | INPUT.ELEVATOR-CONTROL-SYSTEM | AIR | • | 55.9834 | 76 | .04113 | 66 | 1250 | 32912000 |
| QUADRANTS | FLIGHT-STATION.PITCH-TRIM-ACTUATOR | AIR | • | 55.9834 | 76 | .04113 | 66 | 1250 | 32914000A |
| QUADRANTS | INPUT.PILOT.WING-FLAP-SYSTEM | AIR | • | 55.9834 | 76 | .04113 | 66 | 1250 | 32914000 |
| QUADRANTS | INPUT.PUTCH-TRIM-ACTUATOR | AIR | • | 55.9834 | 76 | .04113 | 66 | 1250 | 32916000 |
| QUADRANTS | CENTER-WING.AILERON-CONTROL-SYSTEM | AIR | • | 55.9834 | 76 | .04113 | 66 | 1250 | 32918000 |
| QUADRANTS | INPUT.RUDDER-CONTROL-SYSTEM | AIR | • | 55.9834 | 76 | .04113 | 66 | 1250 | 32920000A |
| QUADRANTS | CONTROL.W/SES.AILERON-SYSTEM | AIR | • | 27.9917 | 152 | .08226 | 66 | 1250 | 32922000 |
| QUADRANTS | INPUT.WING-FLAP-SYSTEM | AIR | • | 55.9834 | 76 | .04113 | 66 | 1250 | 32924000 |
| QUADRANTS | INPUT.POWER-UNIT. AILERON-CONTROL-SYSTEM | AIR | • | 27.9917 | 152 | .08226 | 66 | 1250 | 32926000 |
| QUADRANTS | WALKING-BEAM.STABILIZER.HORIZONTAL | AIR | 7.72364 | 15.4548 | 587 | .51789 | 67 | 1272 | 32870000 |
| QUADRANTS | SERVO-VALVE.STABILIZER.HORIZONTAL | AIR | 9.6553 | 14.8755 | 1194 | 1.0357 | 67 | 1272 | 32872000 |
| QUADRANTS | AILERON.FLIGHT-CONTROL-SYSTEM | AIR | 11.4877 | 30.3576 | 812 | .17532 | 64 | 1179 | 32874000 |
| QUADRANTS | AFT.STABILIZER.HORIZONTAL | AIR | 11.4077 | 44.3725 | 406 | .08766 | 64 | 1179 | 32876000 |
| QUADRANTS | WALKING-BEAM.STABILIZER.HORIZONTAL | AIR | 11.4077 | 44.3725 | 406 | .08766 | 64 | 1179 | 32876000 |
| QUADRANTS | CONTROL.ENGINE | AIR | 11.7952 | 43.8791 | 50 | .08479 | 63 | 1198 | 32880000 |
| QUADRANTS | RUDDER-SYSTEM | AIR | 13.1268 | 29.2225 | 944 | .22854 | 65 | 1228 | 32882000 |
| QUADRANTS | SERVO-VALVE.STABILIZER.HORIZONTAL | AIR | 13.1268 | 29.2225 | 944 | .22854 | 65 | 1228 | 32884000 |
| QUADRANTS | CONTROL.ENGINE | AIR | 13.3333 | 51.8628 | 50 | .075 | 63 | 1114 | 32886000 |
| QUADRANTS | AFT.STABILIZER.HORIZONTAL | AIR | 17.5024 | 46.3765 | 473 | .11427 | 65 | 1228 | 32888000 |
| QUADRANTS | AILERON.FLIGHT-CONTROL-SYSTEM | AIR | 20.2761 | 27.2128 | 1194 | 1.0357 | 67 | 1272 | 32890000 |
| QUADRANTS | RELEASE.ALTERNATE.LANDING-GEAR | AIR | 23.1709 | 34.3346 | 597 | .51789 | 67 | 1272 | 32892000 |
| QUADRANTS | CENTER-DRIVE.WING-SPOILER-SYSTEM | AIR | 24.3131 | 94.5708 | 76 | .04113 | 66 | 1250 | 32894000A |
| QUADRANTS | AILERON.FLIGHT-CONTROL-SYSTEM | AIR | 26.2536 | 46.0842 | 944 | .22854 | 65 | 1228 | 32896000 |
| QUADRANTS | AFT.STABILIZER.HORIZONTAL | AIR | 27.0327 | 38.8653 | 597 | .51789 | 67 | 1272 | 32898000 |
| QUADRANTS | SERVO-VALVE.STABILIZER.HORIZONTAL | AIR | 28.5192 | 52.9015 | 812 | .17532 | 64 | 1179 | 32900000 |
| QUADRANTS | CONTROL.THROTTLE.AFT-SECTION | AIR | 28.5192 | 52.9015 | 812 | .17532 | 64 | 1179 | 32902000 |
| QUADRANTS | CONTROL.WING-FLAP.FLIGHT-CONTROL | AIR | 28.9659 | 36.9944 | 1194 | 1.0357 | 67 | 1272 | 32904000 |
| QUADRANTS | RELEASE.ALTERNATE.LANDING-GEAR | AIR | 35.0048 | 69.9531 | 473 | .11427 | 65 | 1228 | 32906000 |
| QUADRANTS | CONTROL.THROTTLE.AFT-SECTION | AIR | 39.3804 | 62.1597 | 944 | .22854 | 65 | 1228 | 32908000 |
| QUADRANTS | CONTROL.WING-FLAP.FLIGHT | AIR | 39.9269 | 67.1395 | 812 | .17532 | 64 | 1179 | 32910000 |
| QUADRANTS | CENTER-DRIVE.WING-SPOILER-SYSTEM | AIR | 40.453 | 157.35 | 48 | .02472 | 65 | 1227 | 32912000 |
| QUADRANTS | CONTROL-STICK.STABILIZER.HORIZONTAL | AIR | 43.756 | 81.1647 | 473 | .11427 | 65 | 1228 | 32914000 |
| QUADRANTS | CONTROL-STICK.STABILIZER.HORIZONTAL | AIR | 44.4109 | 58.8026 | 597 | .51789 | 67 | 1272 | 32916000 |
| QUADRANTS | CONTROL-STICK.AILERON-SYSTEM | AIR | 45.6308 | 91.1881 | 406 | .08766 | 64 | 1179 | 32918000 |
| QUADRANTS | INPUT.POWER-UNIT.WING-SPOILER-SYSTEM | AIR | 48.6263 | 97.1742 | 152 | .08226 | 66 | 1250 | 32920000 |
| QUADRANTS | WING-SPOILER-SYSTEM | AIR | 51.1221 | 59.1449 | 2964 | 1.604 | 66 | 1250 | 32922000 |
| QUADRANTS | WING-SPOILER-SYSTEM | AIR | 51.8629 | 62.5076 | 1872 | .96400 | 65 | 1227 | 32924000 |
| QUADRANTS | CONTROL-STICK.AILERON-SYSTEM | AIR | 63.72 | 80.4301 | 597 | .51789 | 67 | 1272 | 32924000 |
| QUADRANTS | CONTROL-STICK.AILERON-SYSTEM | AIR | 70.0996 | 113.719 | 473 | .11427 | 65 | 1228 | 32928000 |
| QUADRANTS | CONTROL.WING-FLAP.FLIGHT-CONTROL | AIR | 78.7608 | 108.323 | 944 | .22854 | 65 | 1228 | 32930000 |
| QUADRANTS | AFT-SECTION.THROTTLE-CONTROL | AIR | 81.1045 | 93.6446 | 1194 | 1.0357 | 67 | 1272 | 32932000 |
| QUADRANTS | CONTROL-STICK.STABILIZER.HORIZONTAL | AIR | 91.2616 | 140.239 | 406 | .08766 | 64 | 1179 | 32934000 |
| QUADRANTS | CONTROL.THROTTLE.COCKPIT | AIR | 131.188 | 173.791 | 812 | .17532 | 64 | 1179 | 32936000 |
| QUADRANTS | CONTROL.THROTTLE.COCKPIT | AIR | 131.268 | 167.651 | 944 | .22854 | 65 | 1228 | 32938000 |

PART CLASS 511 MECHANISMS, POWER TRANSMITTAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF APT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .01 N.O.C. | | | | | | | | | |
| QUADRANTS | CONTROL,THROTTLE,COCKPIT | AIR | 207.589 | 228.934 | 1194 | 1.0357 | 67 | 1272 | 32940000A |
| QUADRANTS | CONTROL,ENGINE | AIR | 342.121 | 475.067 | | .04969 | 63 | 1123 | 32942000A |
| ROPES,ESCAPE | EVACUATION-EQUIPMENT | AIR | * | 6.99878 | 608 | .329 | 66 | 1250 | 32944000 |
| ROPES,ESCAPE | | AIR | * | 98.4641 | 62 | .03387 | 63 | 1111 | 32946000 |
| ROPES,ESCAPE | EVACUATION-EQUIPMENT | AIR | * | 11.6434 | 384 | .19776 | 65 | 1227 | 32948000 |
| ROPES,ESCAPE-EQUIPMENT | | AIR | * | 6.59562 | 300 | .34911 | 65 | 1198 | 32950000 |
| SLIP | | GRO | * | 79.4 | 27 | .029 | 65 | 1193 | 32952000 |
| SLIP | | LAB | .3 | | | | 63 | 1138 | 32954000 |
| STARTER | AUX-POWER-UNIT | AIR | 1213.59 | 1549.96 | 48 | .02472 | 65 | 1227 | 32956000 |
| STICKS,CO-PILOT | COLLECTIVE-FLIGHT-CONTROL | HELI | 133.333 | 266.451 | 120 | .03 | 65 | 1215 | 32958000 |
| STICKS,HAND | FLIGHT-CONTROL,ARMAMENT-SYSTEM | AIR | 8988.76 | 11829 | 36 | .00267 | 66 | 1256 | 32960000A |
| STICKS,PILOT | COLLECTIVE-FLIGHT-CONTROL | HELI | 39.5256 | 153.743 | 80 | .0293 | 66 | 1257 | 32962000 |
| STICKS,PILOT | COLLECTIVE-FLIGHT-CONTROL | HELI | 57.8934 | 115.513 | 80 | .0692 | 66 | 1257 | 32964000 |
| STICKS,PILOT | COLLECTIVE-FLIGHT-CONTROL | HELI | 73.5294 | 286.007 | 40 | .0136 | 66 | 1257 | 32966000 |
| STICKS,PILOT | CYCLIC-FLIGHT-CONTROL | HELI | 133.333 | 266.451 | 120 | .03 | 65 | 1215 | 32968000 |
| STICKS,PILOT | COLLECTIVE-FLIGHT-CONTROL | HELI | 233.333 | 352.365 | 120 | .03 | 65 | 1215 | 32970000 |
| .05 ARP | | | | | | | | | |
| | ACTUATOR,DOOR,LANDING-GEAR,NOSE | AIR | * | 46.5756 | 96 | .04944 | 65 | 1227 | 32972000 |
| | WINDSHIELD-WIPER-SYSTEM | AIR | * | 9.89344 | 200 | .23274 | 65 | 1198 | 32974000 |
| | DOOR,MECHANICAL,FORWARD-ENTRANCE | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 32976000 |
| | ACTUATOR,DOOR,MAIN-LANDING-GEAR, INBOARD | AIR | * | 9.89344 | 200 | .23274 | 65 | 1198 | 32978000 |
| | ACTUATOR,DOOR,HYDRAULIC,FORWARD-CARGO | AIR | * | 116 | 100 | .01985 | 65 | 1198 | 32980000 |
| | DOOR,MECHANICAL,FORWARD-ENTRANCE | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 32982000 |
| | ACTUATOR-DOOR,LANDING-GEAR,NOSE | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 32984000 |
| | ADS,DOOR,HYDRAULIC,RAMP | AIR | 3.9398 | 15.3246 | 100 | .25342 | 65 | 1198 | 32986000 |
| | ADS,DOOR,HYDRAULIC,RAMP | AIR | 5.68181 | 22.1005 | 204 | .176 | 63 | 1114 | 32988000 |
| | WINDSHIELD-WIPER-SYSTEM | AIR | 5.68181 | 22.1005 | 204 | .176 | 63 | 1114 | 32990000 |
| | WINDSHIELD-WIPER-SYSTEM | AIR | 7.8796 | 20.9687 | 100 | .25382 | 65 | 1198 | 32992000 |
| | ADS,DOOR,HYDRAULIC,RAMP | AIR | 12.8899 | 28.7049 | 200 | .23274 | 65 | 1198 | 32994000 |
| | FORCE-PRODUCER,RUDDER-SYSTEM | AIR | 21.24 | 32.0495 | 597 | .51789 | 67 | 1272 | 32996000 |
| | DOOR,NOSE-LANDING-GEAR,AFT | AIR | 24.3131 | 64.7009 | 152 | .08226 | 66 | 1250 | 32998000 |
| | ADS,DOOR,HYDRAULIC,RAMP | AIR | 26.8456 | 53.6479 | 100 | .149 | 63 | 1114 | 33000000 |
| | ADS,DOOR,HYDRAULIC,RAMP | AIR | 29.488 | 54.6986 | 100 | .10956 | 63 | 1198 | 33002000 |
| | DOOR,NOSE-LANDING-GEAR,AFT | AIR | 60.6796 | 135.129 | 96 | .04944 | 65 | 1227 | 33004000 |
| | WINDSHIELD-WIPER-SYSTEM | HELI | 100 | 175.535 | 240 | .06 | 65 | 1215 | 33006000 |
| | WINDSHIELD-WIPER-SYSTEM | AIR | 117.952 | 159.501 | 100 | .16956 | 63 | 1198 | 33008000 |
| | WINDSHIELD-WIPER-SYSTEM | AIR | 120.805 | 166.149 | 100 | .149 | 63 | 1114 | 33010000 |
| | ACTUATOR,DOOR,HYDRAULIC,FORWARD-CARGO | AIR | 165.471 | 203.248 | 100 | .25382 | 65 | 1198 | 33012000 |
| | ACTUATOR,DOOR,HYDRAULIC,FORWARD-CARGO | AIR | 181.818 | 230.356 | 204 | .176 | 63 | 1114 | 33014000 |

PART CLASS 511 MECHANISMS, POWER TRANSMITTAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SINCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .05 ARM | | | | | | | | | |
| | ACTUATOR.DOOR.HYDRAULIC.FORWARD-CARGO | AIR | 590.385 | 636.781 | 180 | .149 | 63 | 1114 | 33016000 |
| | ACTUATOR.DOOR.HYDRAULIC.FORWARD-CARGO | AIR | 572.066 | 653.936 | 180 | .16956 | 63 | 1198 | 33016000 |
| ANTI-SKID | LANDING-GEAR.MAIN | AIR | 0 | 24.1189 | 248 | .0955 | 65 | 1111 | 33026000 |
| BLADES | WINDSHIELD-WIPER-SYSTEM | HELI | 72.2843 | 134.827 | 86 | .0692 | 66 | 1263 | 33012000 |
| BLADES | WINDSHIELD-WIPER-SYSTEM | HELI | 118.977 | 284.063 | 40 | .0253 | 66 | 1257 | 33024000 |
| BLADES | WINDSHIELD-WIPER-SYSTEM | HELI | 189.881 | 499.534 | 40 | .01985 | 66 | 1881 | 33024000 |
| CRANK | SHUTOFF.FUEL-VALVE.ENGINE-CONTROL | AIR | 0 | 13.9975 | 306 | .1645 | 64 | 1298 | 33012000 |
| CRANK | SHUTOFF.FUEL-VALVE.ENGINE-CONTROL | AIR | 0 | 23.2068 | 198 | .09899 | 65 | 1267 | 33012000 |
| FORCE-PRODUCER | RUDDER-SYSTEM | AIR | 11.4077 | 44.3725 | 406 | .08744 | 64 | 1179 | 33034000 |
| FORCE-PRODUCER | RUDDER-SYSTEM | AIR | 20.2334 | 58.462 | 473 | .11427 | 65 | 1228 | 33034000 |
| FULCRUM | ACTUATING-CYLINDER.LAND-GEAR.NOSE | AIR | 8.59328 | 33.4252 | 180 | .16437 | 65 | 1198 | 33030000 |
| FULCRUM | ACTUATING-CYLINDER.LAND-GEAR.NOSE | AIR | 8.59328 | 33.4252 | 180 | .16437 | 65 | 1198 | 33030000 |
| FULCRUM | ACTUATING-CYLINDER.LAND-GEAR.NOSE | AIR | 66.6666 | 259.313 | 68 | .015 | 63 | 1114 | 33030000 |
| INTERCONNECT | CONTROL.ALT-RELEASE.LANDING-GEAR | AIR | 5.79273 | 12.9 | 597 | .51789 | 67 | 1272 | 33042000 |
| INTERCONNECT | CONTROL.ALT-RELEASE.LAND-GEAR | AIR | 17.9824 | 46.5765 | 473 | .11427 | 65 | 1228 | 33042000 |
| JETTISON | CANOPY-INSTRUCTOR | AIR | 1.93091 | 7.51864 | 597 | .51789 | 67 | 1272 | 33044000 |
| JETTISON | CANOPY.INSTRUCTOR | AIR | 11.4077 | 44.3725 | 406 | .08744 | 64 | 1179 | 33044000 |
| JETTISON | CANOPY-STUDENT | AIR | 13.9163 | 22.7205 | 597 | .51789 | 67 | 1272 | 33050000 |
| JETTISON | CANOPY-STUDENT | AIR | 17.9824 | 46.5765 | 473 | .11427 | 65 | 1228 | 33052000 |
| JETTISON | CANOPY.INSTRUCTOR | AIR | 17.9824 | 46.5765 | 473 | .11427 | 65 | 1228 | 33054000 |
| LIMITER | RUDDER-SYSTEM | AIR | 17.9824 | 46.5765 | 473 | .11427 | 65 | 1228 | 33056000 |
| LIMITER | RUDDER-SYSTEM | AIR | 34.2231 | 76.2126 | 406 | .08744 | 64 | 1179 | 33056000 |
| LINK.BUNGEE | LANDING-GEAR.MAIN | AIR | 69.5128 | 84.8486 | 597 | .51789 | 67 | 1272 | 33060000 |
| LOCK | POSITION.CLEAR-VISION-WINDSHIELD | AIR | 0 | 40.2219 | 124 | .06775 | 63 | 1111 | 33062000 |
| LOCK | PANEL.MONITOR-CONTROL | AIR | 0 | 27.9917 | 152 | .08226 | 66 | 1258 | 33064000A |
| LOCK.POSITION | CLEAR-VISION-WINDSHIELD | AIR | 648.414 | 1023.48 | | .01388 | 66 | 1241 | 33064000 |
| RELEASE | ALTERNATE.LANDING-GEAR | AIR | 0 | 46.5736 | 96 | .04944 | 65 | 1227 | 33068000 |
| RELEASE | ALTERNATE.LANDING-GEAR | AIR | 0 | 20.1905 | 473 | .11427 | 65 | 1228 | 33070000 |
| RETURN | CONTROL.ALT-RELEASE.LANDING-GEAR | AIR | 5.79273 | 12.9 | 597 | .51789 | 67 | 1272 | 33072000 |
| RETURN | CONTROL.ALT-RELEASE.LANDING-GEAR | AIR | 11.4077 | 44.3725 | 406 | .08744 | 64 | 1179 | 33074000 |
| RETURN | CONTROL.ALT-RELEASE.LANDING-GEAR | AIR | 11.5854 | 20.3365 | 597 | .51789 | 67 | 1272 | 33076000 |
| ROLLER | DOOR.MECHANICAL.PARATROOP | AIR | 20.2334 | 58.465 | 473 | .11427 | 65 | 1228 | 33078000 |
| ROLLER | DOOR MECHANICAL.PARATROOP | AIR | 0 | 9.07178 | 180 | .25382 | 65 | 1198 | 33080000 |
| ROLLER | DOOR MECHANICAL.PARATROOP | AIR | 2.14832 | 6.35632 | 480 | .46548 | 65 | 1198 | 33082000 |
| ROLLER | DOOR.MECHANICAL.PARATROOP | AIR | 17.6928 | 39.4008 | 180 | .16956 | 63 | 1198 | 33084000 |
| SHOCK-ABSORBER | (N-MILES) | GRD | 20.1342 | 44.8375 | 100 | .149 | 63 | 1114 | 33086000 |
| STOP | BELLCRANK.LANDING-GEAR.MAIN | AIR | 8.10372M | 21.5852M | 60 | .2448M | 66 | 1259 | 33088000 |
| STOP.BELLCRANK | LANDING-GEAR.MAIN | AIR | .965531 | 3.72562 | 1194 | 1.0357 | 67 | 1272 | 33090000 |
| SUPPORT | IDLER-WHEEL-SPINDLE.(N-MILES) | GRD | 0 | 10.0752 | 946 | .22854 | 65 | 1228 | 33092000 |
| TORQUE | TIP-PROTECTION-GEAR | AIR | 16.2284M | 43.1654M | 30 | .1233M | 66 | 1259 | 33094000 |
| TORQUE | LANDING-GEAR.MAIN | AIR | 0 | 96.4641 | 62 | .02387 | 63 | 1111 | 33096000 |
| TORQUE | LOWER.PAIR-LANDING-GEAR | AIR | 5.79385 | 22.1862 | 812 | .17532 | 64 | 1179 | 33098000 |
| | | AIR | 12.1565 | 47.2854 | 152 | .08226 | 66 | 1258 | 33100000A |

PART CLASS 511 MECHANISMS, POWER TRANSMITTAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .05 ARM | | | | | | | | | |
| TORQUE | LANDING-GEAR.MAIN | AIR | 17.3795 | 23.9029 | 1194 | 1.0357 | 67 | 1272 | 33102000 |
| TORQUE | LOWER.MAIN-LANDING-GEAR | AIR | 20.2265 | 78.6751 | 96 | .04944 | 65 | 1227 | 33104000 |
| TORQUE | LANDING-GEAR.MAIN | AIR | 21.878 | 40.5823 | 946 | .22854 | 65 | 1228 | 33106000 |
| TORQUE | UPPER.MAIN-LANDING-GEAR | AIR | 24.3131 | 64.7089 | 152 | .08226 | 64 | 1250 | 33108000 |
| TORQUE | UPPER.MAIN-LANDING-GEAR | AIR | 60.6796 | 135.129 | 96 | .04944 | 65 | 1227 | 33110000 |
| TORQUE | LANDING-GEAR.NOSE | AIR | 91.2616 | 148.234 | 406 | .08766 | 64 | 1179 | 33112000 |
| TORQUE | LANDING-GEAR.NOSE | AIR | 206.907 | 234.632 | 597 | .51789 | 67 | 1272 | 33114000 |
| TORQUE | LANDING-GEAR.NOSE | AIR | 245.033 | 315.742 | 473 | .11427 | 65 | 1228 | 33116000 |
| TORQUE-TUBE | WING-FLAP.FLIGHT-CONTROL | AIR | 8.7512 | 23.2882 | 946 | .22854 | 65 | 1228 | 33118000 |
| TORQUE-TUBE | WING-FLAP.FLIGHT-CONTROL | AIR | 16.414 | 22.7924 | 1194 | 1.0357 | 67 | 1272 | 33120000 |
| TORQUE-TUBE-TO-STRUT | DOOR.MLG.OUTBOARD | AIR | 4.29664 | 16.7126 | 200 | .23274 | 65 | 1198 | 33122000 |
| TORQUE-TUBE-TO-STRUT | DOOR.MLG.OUTBOARD | AIR | 32.258 | 125.474 | 136 | .031 | 63 | 1114 | 33124000 |
| TORN | LANDING-GEAR.NOSE | AIR | * | 9.09344 | 200 | .23274 | 65 | 1198 | 33126000 |
| WING-FLAP | FLIGHT-CONTROL | AIR | 22.8154 | 45.594 | 812 | .17532 | 64 | 1179 | 33128000 |
| WING-FLAP | FLIGHT-CONTROL | AIR | 24.1382 | 31.5836 | 1194 | 1.0357 | 67 | 1272 | 33130000 |
| WING-FLAP | FLIGHT-CONTROL | AIR | 35.0048 | 56.8596 | 946 | .22854 | 65 | 1228 | 33132000 |
| .10 SHAFTS | | | | | | | | | |
| | PROP.REDUCTION-GEAR-SYSTEM | AIR | * | 4.53598 | 200 | .90763 | 63 | 1198 | 33134000 |
| | PROP.REDUCTION-GEAR-SYSTEM | AIR | * | 6.78992 | 200 | .33912 | 63 | 1198 | 33136000 |
| | COMPRESSOR/TURBINE-AUX-POWER-UNIT | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 33138000 |
| | CONTROL.WINGFOLD | AIR | * | 46.3486 | | .04968 | 63 | 1123 | 33140000 |
| | COMPRESSOR/TURBINE. AUXILIARY-POWER-UNIT | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 33142000 |
| | AILERON-BOOST-CABLE-QUADRANT | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 33144000 |
| | ROTOR,TURBINE-SECTION.BASIC-ENGINE | AIR | * | 4.94672 | 400 | .44548 | 65 | 1198 | 33144000 |
| | ROTOR.TURBINE-SECTION.BASIC-ENGINE | AIR | * | 4.53598 | 200 | .90763 | 65 | 1198 | 33148000 |
| | GEAR.SPUR | GRD | * | 468.961 | | .00491 | 64 | 1180 | 33150000 |
| | ACTUATOR.RUDDER-TRIM-TAB-ASBLY | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 33152000 |
| | ACTUATOR.RUDDER-TRIM-TAB-ASBLY | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 33154000 |
| | PROP.REDUCTION-GEAR-SYSTEM | AIR | * | 4.94672 | 400 | .44548 | 65 | 1198 | 33156000 |
| | ACTUATOR.AILERON-TRIM-TAB | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 33158000 |
| | ACTUATOR.AILERON-TRIM-TAB | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 33160000 |
| | ACTUATOR.RUDDER-TRIM-TAB-ASBLY | AIR | * | 27.1597 | 50 | .08478 | 63 | 1198 | 33162000 |
| | | LAB | .35 | | | | 63 | 1138 | 33164000 |
| | STARTER.REDUCTION-GEAR | AIR | 1.00275 | 2.66848 | 1716 | 1.9945 | 65 | 1201 | 33166000 |
| | | SRD | 1.05685 | 2.81246 | | 1.8924 | 66 | 2F | 33168000 |
| | | GRD | 1.38494 | 2.76755 | | 2.8882 | 66 | 2F | 33170000 |
| | STARTER | AIR | 2.63754 | 10.2592 | 400 | .37914 | 65 | 1201 | 33172000 |
| | ROTOR.TURBINE-SECTION.BASIC-ENGINE | AIR | 2.9488 | 11.4699 | 200 | .33912 | 63 | 1198 | 33174000 |
| | ROTOR.TURBINE-SECTION.BASIC-ENGINE | AIR | 3.34448 | 13.009 | 200 | .299 | 63 | 1114 | 33176000 |
| | STARTER.REDUCTION-GEAR | AIR | 3.58159 | 9.53116 | 798 | .55841 | 65 | 1201 | 33178000 |
| | STARTER.REDUCTION-GEAR | AIR | 5.841 | 13.0075 | 528 | .51361 | 65 | 1201 | 33180000 |
| | STARTER.REDUCTION-GEAR | AIR | 8.19179 | 18.2425 | 244 | .36622 | 65 | 1201 | 33182000 |

SECTION I FAILURE RATE DATA

PART CLASS .11 MECHANISMS, POWER TRANSMITTAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .10 SHAFTS | | | | | | | | | |
| | ACTUATOR.AILERON-TRIM-TAB | AIR | 11.7952 | 45.8799 | 50 | .08478 | 69 | 1198 | 33184000 |
| | GEAR-SCAVENGE-PUMP.DIFFUSER. POWER SECTION | AIR | 14.5836 | 32.4767 | 240 | .28571 | 65 | 1201 | 33194000 |
| | | AIR | 15 | | | | 61 | 1068 | 33188000 |
| | GEARBOX.ACCESSORY-DRIVE | AIR | 16.414 | 22.7924 | 1194 | 1.0357 | 67 | 1272 | 33190000 |
| | DOWN-LOCK.EMERGENCY. MAIN-LANDING-GEAR | AIR | 29.3131 | 84.7009 | 152 | .08226 | 66 | 1256 | 33192000 |
| | GEARBOX.ACCESSORY-DRIVE | AIR | 30.6292 | 51.5047 | 946 | .22854 | 65 | 1228 | 33194000 |
| | DOWN-LOCK.EMERGENCY.MAIN-LANDING-GR | AIR | 40.453 | 107.651 | 94 | .04944 | 65 | 1227 | 33196000 |
| | ENCODER.POST-OPTICAL | AIR GND | 67.4127 | 125.044 | | .07417 | 64 | 1180 | 33198000 |
| | BLOWER.ENGINE.(N=RILES) | GRD | 81.0372N | 150.315N | 15 | .0617N | 66 | 1253 | 33200000 |
| | GEARBOX.ACCESSORY-DRIVE | AIR | 136.892 | 180.148 | 812 | .17532 | 64 | 1179 | 33202000 |
| | NAVIGATIONAL-COMPUTER | AIR | 778.21 | 1955.14 | | .00514 | 65 | 1188 | 33204000 |
| CONSTANT-SPEED-DRIVE-INPUT | ELECTRICAL-POWER.707-331 | AIR | 170P | | | | 65 | 2362 | 33206000 |
| CONSTANT-SPEED-DRIVE-INPUT | ELECTRICAL-POWER.707-331 | AIR | 310P | | | | 66 | 2362 | 33208000 |
| CONSTANT-SPEED-DRIVE-INPUT | ELECTRICAL-POWER.707-331 | AIR | 340P | | | | 66 | 2362 | 33210000 |
| CONSTANT-SPEED-DRIVE-INPUT | ELECTRICAL-POWER.707-131 | AIR | 340A | | | | 66 | 2362 | 33212000 |
| CONSTANT-SPEED-DRIVE-INPUT | ELECTRICAL-POWER.707-131 | AIR | 490P | | | | 66 | 2362 | 33214000 |
| COUPLING | COMPRESSOR/MIDFRAME.ENGINE | AIR | 600P | | | | 65 | 2362 | 33216000 |
| COUPLING | COMPRESSOR/MIDFRAME.ENGINE | AIR | * | 4.94672 | 400 | .46548 | 65 | 1198 | 33218000 |
| COUPLING | COMPRESSOR/MIDFRAME.ENGINE | AIR | * | 4.53596 | 200 | .50763 | 65 | 1198 | 33220000 |
| DRIVE | SCAVENGE-PUMP.TURBINE.REAR | AIR | * | 6.78992 | 200 | .33912 | 63 | 1198 | 33222000 |
| DRIVE | POWER-OUTPUT.AUXILIARY-POWER-UNIT | AIR | * | 11.1934 | 240 | .20571 | 65 | 1201 | 33224000 |
| DRIVE | TACHOMETER.REDUCTION-GEAR | AIR | * | 55.9834 | 76 | .04113 | 66 | 1256 | 33226000A |
| DRIVE | MAIN.ACCESSORY.POWER-SECTION | AIR | .895419 | 3.48289 | 1416 | 1.1168 | 65 | 1201 | 33228000 |
| DRIVE | GENERATOR.REDUCTION-GEAR | AIR | 1.00275 | 2.44848 | 1716 | 1.9945 | 65 | 1201 | 33230000 |
| DRIVE | ALTERNATOR.REDUCTION-GEAR | AIR | 1.79079 | 6.96567 | 708 | .55841 | 65 | 1201 | 33232000 |
| DRIVE | GEAR.MAIN-FRAME.TURBOJET.J-85 | AIR | 1.947 | 7.57325 | 528 | .51361 | 63 | 1201 | 33234000 |
| DRIVE | TAIL-ROTOR | AIR | 4.3736 | 17.0197 | 946 | .22854 | 65 | 1228 | 33236000 |
| DRIVE | TRANSFER-CASE.GENERATOR.(N=RILES) | HELI | 13.1578 | 51.1802 | 240 | .076 | 66 | 1257 | 33238000 |
| DRIVE | TAIL-ROTOR | GRD | 16.2074N | 63.0421N | 15 | .0617N | 66 | 1255 | 33240000 |
| DRIVE | QUILL.RAT.EMERGENCY-GENERATOR | HELI | 28.885 | 53.58 | 200 | .1731 | 66 | 1257 | 33242000 |
| DRIVE | | AIR | 543.478 | 1210.28 | 57 | .00552 | 65 | 1247 | 33244000 |
| DRIVE.MAIN | | AIR | 6000 | 8252.1 | | .003 | 62 | 1093 | 33246000 |
| DRIVE.MAIN | | HELI | 147.058 | 572.014 | 20 | .3068 | 66 | 1257 | 33248000 |
| DRIVE.MAIN | | HELI | 236.779 | 527.292 | 40 | .01267 | 66 | 1257 | 33250000 |
| DRIVE.MAIN | | HELI | 578.034 | 781.65 | 40 | .0346 | 66 | 1257 | 33252000 |
| DRIVE.POWER-OUTPUT | AUX-POWER-UNIT | HELI | 5370.37 | 6886.61 | 20 | .0054 | 66 | 1257 | 33254000 |
| DRIVE.11-WIRE-OUTER-WRAP. 110-LB-IN-HELIX-TORQUE. 6600RPM | BLOWER.TRANSMISSION-OIL-COOL | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 33256000 |
| | | HELI | 433.333 | 631.931 | 120 | .03 | 65 | 1215 | 33258000 |
| DRIVE.6000RPM.14CCULB-IN-TORQUE | ENGINE | HELI | 166.666 | 309.156 | 120 | .03 | 65 | 1215 | 33260000 |
| DRIVE.6000RPM.1400LLB-IN-TORQUE | MAIN-ROTOR | HELI | 933.333 | 1202.66 | 120 | .03 | 65 | 1215 | 33262000 |

PART CLASS 511 MECHANISMS, POWER TRANSMITTAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .IC SHAFTS | | | | | | | | | |
| ECCENTRIC | LANDING-GEAR.MAIN | AIR | * | 48.2219 | 124 | .04775 | 63 | 1111 | 33264000 |
| ENGINE-POWER | TURBOJET.J-85 | AIR | 19.6347 | 52.2511 | 812 | .10186 | 64 | 1179 | 33266000 |
| ENGINE-POWER | ACCESSORIES-SECT.TURBOJET | AIR | 56.8828 | 82.9524 | 946 | .22854 | 65 | 1228 | 33268000 |
| EXTENSION | TORQUEMETER.BASIC-ENGINE | AIR | 1.96993 | 7.66247 | 200 | .50763 | 65 | 1198 | 33270000 |
| EXTENSION | TORQUEMETER.BASIC-ENGINE | AIR | 3.34648 | 13.009 | 200 | .299 | 63 | 1114 | 33272000 |
| EXTENSION | TORQUEMETER.BASIC-ENGINE | AIR | 4.29664 | 11.434 | 400 | .46548 | 65 | 1198 | 33274000 |
| EXTENSION | TORQUEMETER.BASIC-ENGINE | AIR | 25.4957 | 40.2436 | 408 | .353 | 63 | 1114 | 33276000 |
| EXTENSION | TORQUEMETER.BASIC-ENGINE | AIR | 35.3857 | 52.4343 | 200 | .33912 | 63 | 1198 | 33278000 |
| EXTENSION | PROPELLER.POWER-PLANT | AIR | 115.756 | 151.461 | 126 | .21597 | 65 | 1153 | 33280000 |
| EXTENSION | PROPELLER | AIR | 231.481 | 279.349 | | .216 | 63 | 2109 | 33282000 |
| FEEDBACK | HYDROMATIC-PROPELLER | AIR | 16.7224 | 31.019 | 200 | .299 | 63 | 1114 | 33284000 |
| FEEDBACK.BETA | PROPELLER-ASSEMBLY | AIR | * | 4.94672 | 400 | .46545 | 65 | 1198 | 33286000 |
| FEEDBACK.BETA | PROPELLER-ASSEMBLY | AIR | * | 4.53598 | 200 | .50763 | 65 | 1198 | 33288000 |
| FEEDBACK.BETA | PROPELLER-ASSEMBLY | AIR | 14.744 | 27.3493 | 200 | .33912 | 63 | 1198 | 33290000 |
| FLEXIBLE | INBOARD.ELEVATOR-TRIM-TAB-ASBLY | AIR | * | 9.07214 | 100 | .25381 | 65 | 1198 | 33292000 |
| FLEXIBLE | OUTBOARD.ELEVATOR-TRIM-TAB-ASBLY | AIR | * | 13.5798 | 100 | .16956 | 63 | 1198 | 33294000 |
| FLEXIBLE | INBOARD.ELEVATOR-TRIM-TAB-ASBLY | AIR | * | 13.5798 | 100 | .16956 | 63 | 1198 | 33296000 |
| FLEXIBLE | OUTBOARD.ELEVATOR-TRIM-TAB-ASBLY | AIR | * | 9.07178 | 100 | .25382 | 65 | 1198 | 33298000 |
| FLEXIBLE | GEAR-RCDR.GA-1328/SPN-6B,MX-2128 | AIR | * | 160.224 | 100 | .02089 | 63 | 1198 | 33300000 |
| FLEXIBLE | OUTBOARD.ELEVATOR-TRIM-TAB-ASBLY | AIR | * | 9.89344 | 200 | .23274 | 65 | 1198 | 33302000 |
| FLEXIBLE | INBOARD.ELEVATOR-TRIM-TAB-ASBLY | AIR | * | 9.89344 | 200 | .23274 | 65 | 1198 | 33304000 |
| FLEXIBLE | | AIR | 5.71428 | 22.2268 | 1800 | .175 | 61 | 1080 | 33306000A |
| FLEXIBLE | NOZZLE-ACTUATOR.AFTERBURNER | AIR | 116.684 | 135.247 | 2838 | .68561 | 65 | 1228 | 33308000 |
| INPUT.CONSTANT-SPEED-DRIVE | ELECTRICAL-POWER.707-131 | AIR | 110P | | | | 66 | 2364 | 33310000 |
| INPUT.CONSTANT-SPEED-DRIVE | ELECTRICAL-POWER.707-131 | AIR | 170P | | | | 66 | 2364 | 33312000 |
| INPUT.CONSTANT-SPEED-DRIVE | ELECTRICAL-POWER.707-131 | AIR | 200P | | | | 65 | 2361 | 33314000 |
| INPUT.CONSTANT-SPEED-DRIVE | ELECTRICAL-POWER.707-331 | AIR | 280P | | | | 66 | 2361 | 33316000 |
| INPUT.CONSTANT-SPEED-DRIVE | ELECTRICAL-POWER.707-131 | AIR | 390P | | | | 66 | 2361 | 33318000 |
| INPUT.CONSTANT-SPEED-DRIVE | ELECTRICAL-POWER.707-331 | AIR | 390P | | | | 65 | 2364 | 33320000 |
| INPUT.CONSTANT-SPEED-DRIVE | ELECTRICAL-POWER.707-331 | AIR | 350P | | | | 66 | 2364 | 33322000 |
| INPUT.CONSTANT-SPEED-DRIVE | ELECTRICAL-POWER.707-331 | AIR | 420P | | | | 66 | 2364 | 33324000 |
| INPUT.CONSTANT-SPEED-DRIVE | ELECTRICAL-POWER.707-131 | AIR | 480P | | | | 65 | 2364 | 33326000 |
| INPUT.CONSTANT-SPEED-DRIVE | ELECTRICAL-POWER.707-131 | AIR | 570P | | | | 66 | 2361 | 33328000 |
| INPUT.CONSTANT-SPEED-DRIVE | ELECTRICAL-POWER.707-331 | AIR | 580P | | | | 65 | 2361 | 33330000 |
| INPUT.CONSTANT-SPEED-DRIVE | ELECTRICAL-POWER.707-331 | AIR | 660P | | | | 66 | 2361 | 33332000 |
| OUTPUT | WING-FLAP-SYSTEM | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 33334000 |
| OUTPUT | WING-FLAP-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 33336000 |
| PIVOT | STABILIZER.VERTICAL.EMPENNAGE | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 33338000 |
| PIVOT | STABILIZER.VERTICLE.EMPENNAGE | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 33340000A |
| POWER | COMPRESSOR.TURBOJET.J-85 | AIR | 4.3736 | 17.0197 | 946 | .22854 | 65 | 1228 | 33342000 |
| POWER | COMPRESSOR.TURBOJET.J-85 | AIR | 19.6347 | 52.2511 | 812 | .10186 | 64 | 1179 | 33344000 |
| QUILL | GEARBOX-END.ACCESSORY-DRIVE | AIR | 5.70385 | 22.1862 | 812 | .17532 | 64 | 1179 | 33346000 |
| QUILL | GEARBOX-END.ACCESSORY-DRIVE | AIR | 8.7512 | 23.2882 | 946 | .22854 | 65 | 1228 | 33348000 |
| QUILL | GEARBOX-END.ACCESSORY-DRIVE | AIR | 10.6208 | 18.026 | 1194 | 1.0357 | 67 | 1272 | 33350000 |
| QUILL | CONTROL.TAIL-ROTOR | HELI | 28.9017 | 112.419 | 60 | .0346 | 66 | 1257 | 33352000 |

PART CLASS 311 MECHANISMS, POWER TRANSMITTAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF DATA RPT | YR OF DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .10 SHAFTS | | | | | | | | | |
| QUILL | ENGINE-END.ACCESSORY-DRIVE | AIR | 29.9314 | 36.0707 | 1194 | 1.0357 | 67 | 1272 | 33354000 |
| QUILL | ENGINE-END.ACCESSORY-DRIVE | AIR | 34.2231 | 60.0735 | 812 | .17532 | 64 | 1179 | 33356000 |
| QUILL | ENGINE-END.ACCESSORY-DRIVE | AIR | 48.1316 | 72.6268 | 946 | .22854 | 65 | 1228 | 33358000 |
| QUILL | CONTROL.TAIL-ROTOR | HELI | 78.9265 | 307 | 40 | .01267 | 66 | 1257 | 33360000 |
| QUILL | PROGRAM-TIMER.FLIGHT-CONTROL-SYSTEM | GRD | 253.164 | 673.788 | | .0079 | 62 | 1135 | 33362000 |
| QUILL | CONTROL.TAIL-ROTOR | HELI | 370.37 | 985.611 | 20 | .0054 | 66 | 1257 | 33364000 |
| STUB | LANDING-GEAR.EMERGENCY | AIR | 12.8894 | 26.7049 | 200 | .23274 | 65 | 1198 | 33366000 |
| TORQUE | STEERING.NOSEWHEEL | AIR | • | 10.0752 | 946 | .22854 | 65 | 1228 | 33368000 |
| TORQUE | STEERING.NOSEWHEEL | AIR | 13.5174 | 19.4341 | 1194 | 1.0357 | 67 | 1272 | 33370000 |
| TORQUE.HORIZONTAL | | AIR | • | 9.07178 | 100 | .25382 | 65 | 1198 | 33372000 |
| TORQUE.HORIZONTAL | | AIR | • | 9.89344 | 200 | .23274 | 65 | 1198 | 33374000 |
| TORQUE.HORIZONTAL | | AIR | • | 13.5798 | 100 | .16956 | 63 | 1198 | 33376000 |
| TORQUE.VERTICAL | | AIR | • | 6.78992 | 200 | .33912 | 63 | 1198 | 33378000 |
| TORQUE.VERTICAL | | AIR | • | 4.94353 | 400 | .46578 | 65 | 1198 | 33380000 |
| TORQUE.VERTICAL | | AIR | • | 4.53598 | 200 | .50763 | 65 | 1198 | 33382000 |
| .11 AXLE | | | | | | | | | |
| | NOSE-LANDING-GEAR | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 33384000 |
| | NOSE-LANDING-GEAR | AIR | • | 55.9834 | 76 | .04113 | 66 | 1250 | 33386000A |
| | MAIN-LANDING-GEAR | AIR | • | 13.9975 | 304 | .1645 | 66 | 1250 | 33388000A |
| | MAIN-LANDING-GEAR | AIR | 10.1132 | 39.3375 | 192 | .09888 | 65 | 1227 | 33390000 |
| | NOSE-LANDING-GEAR | AIR | 14.4927 | 30.5673 | | .138 | 59 | 1070 | 33392000 |
| | NOSE-LANDING-GEAR | AIR | 123.628 | 200.814 | | .06471 | 63 | 1123 | 33394000A |
| .12 BELL-CRANK | | | | | | | | | |
| | CANOPY-RELEASE | AIR | • | 23.1719 | | .09937 | 63 | 1123 | 33396000 |
| | CONTROL.LANDING-GEAR | AIR | • | 10.0752 | 946 | .22854 | 65 | 1228 | 33398000 |
| | LANDING-GEAR-DOOR.NOSE.FORWARD | AIR | • | 46.5736 | 96 | .04944 | 65 | 1227 | 33400000 |
| | TAKEOFF-ASSIST-SYSTEM | AIR | • | 2.452 | 800 | .9397 | 65 | 1198 | 33402000 |
| | RELEASE.EMERGENCY.MLG | AIR | • | 46.5736 | 96 | .04944 | 65 | 1227 | 33404000 |
| | AILERON-SYSTEM | AIR | • | 6.78992 | 200 | .33912 | 65 | 1198 | 33406000 |
| | AILERON-SYSTEM.FLIGHT-CONTROL | AIR | • | 13.9975 | 304 | .1645 | 66 | 1250 | 33408000 |
| | DOWN-LOCK.EMERGENCY. MAIN-LANDING-GEAR | AIR | • | 46.5736 | 96 | .04944 | 65 | 1227 | 33410000 |
| | AILERON-SYSTEM.FLIGHT-CONTROL | AIR | • | 23.2868 | 192 | .09888 | 64 | 1179 | 33412000 |
| | LANDING-GEAR-DOOR.MAIN.INBOARD | AIR | • | 46.5736 | 96 | .04944 | 65 | 1227 | 33414000 |
| | INTERCONNECT.BRAKE.LANDING-GEAR | AIR | • | 13.5798 | 100 | .16956 | 63 | 1198 | 33416000 |
| | DOOR.MECHANICAL.PERSONNEL.CARGO-CP | AIR | • | 15.5245 | 288 | .14832 | 65 | 1227 | 33418000 |
| | RELEASE.EMERGENCY.MAIN-LANDING-GEAR | AIR | • | 27.9917 | 152 | .08226 | 66 | 1250 | 33420000 |
| | LANDING-GEAR-DOOR.NOSE.FORWARD | AIR | • | 27.9917 | 152 | .08226 | 66 | 1250 | 33422000 |
| | STEERING.NOSEWHEEL | AIR | • | 20.1505 | 473 | .11427 | 65 | 1228 | 33424000 |
| | LANDING-GEAR-DOOR.MAIN.INBOARD | AIR | • | 27.9917 | 152 | .08226 | 66 | 1250 | 33426000 |
| | INTERCONNECT.BRAKE.LANDING-GEAR | AIR | • | 9.07178 | 100 | .25382 | 65 | 1198 | 33428000 |

PART CLASS [illegible] MECHANISMS, POWER TRANSMITTAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .12 BELL-CRANK | | | | | | | | | |
| | IDLER.ELEVATOR-CONTROL-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1259 | 33430000 |
| | DOWN-LOCK.EMERGENCY.MAIN-LANDING-GEAR | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 33432000 |
| | DOOR.MECHANICAL.PERSONNEL.CARGO-COMPARTMENT | AIR | * | 9.32982 | 456 | .2469 | 66 | 1250 | 33434000 |
| | DOOR.EMERGENCY.SIDE-EXIT | AIR | * | 13.9975 | 304 | .1645 | 66 | 1250 | 33436000 |
| | BRAKE/ANTI-SKID.LANDING-GEAR | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 33438000 |
| | LANDING-GEAR.MAIN | AIR | * | 10.[illegible]72 | 946 | .22854 | 65 | 1228 | 33440000 |
| | DOOR.EMERGENCY.SIDE-EXIT | AIR | * | 23.2868 | 192 | .09838 | 65 | 1227 | 33442000 |
| | INTERCONNECT.BRAKE.LANDING-GEAR | AIR | * | 9.89344 | 200 | .23274 | 65 | 1198 | 33444000 |
| | FLAPS.CENTER-SECTION.WING | AIR | * | 23.1719 | | .09937 | 63 | 1123 | 33446000 |
| | TAKEOFF-ASSIST-SYSTEM | AIR | * | 3.3951 | 400 | .67823 | 63 | 1198 | 33448000 |
| | IDLER.ELEVATOR-CONTROL-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 33450000 |
| | TAKEOFF-ASSIST-SYSTEM | AIR | * | 2.2679 | 400 | 1.3153 | 65 | 1198 | 33452000 |
| | BRAKE/ANTI-SKID.LANDING-GEAR | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 33454000A |
| | LANDING-GEAR.MAIN | AIR | 1.93106 | 5.13884 | 1194 | 1.0357 | 67 | 1272 | 33456000 |
| | STEERING.NOSEWHEEL | AIR | 1.93106 | 5.13884 | 1194 | 1.0357 | 67 | 1272 | 33458000 |
| | CONTROL.LANDING-GEAR | AIR | 2.89659 | 6.45051 | 1194 | 1.0357 | 67 | 1272 | 33460000 |
| | AILERON-SYSTEM.FLIGHT-CONTROL | AIR | 4.3756 | 17.0197 | 946 | .22854 | 65 | 1227 | 33462000 |
| | LANDING-GEAR.MAIN | AIR | 4.63027 | 18.0833 | 126 | .21547 | 64 | 1155 | 33464000 |
| | LANDING-GEAR.MAIN | AIR | 5.70385 | 22.1862 | 812 | .17532 | 64 | 1179 | 33466000 |
| | AILERON-SYSTEM.FLIGHT-CONTROL | AIR | 5.70385 | 22.1862 | 812 | .17532 | 65 | 1198 | 33468000 |
| | POWDER-SYSTEM | AIR | 8.7512 | 23.2882 | 946 | .22854 | 65 | 1228 | 33470000 |
| | MAIN-LANDING-GEAR | AIR | 9.25925 | 24.6402 | | .216 | 63 | 2101 | 33472000 |
| | THROTTLE-CONTROL | AIR | 9.6533 | 14.8755 | 1194 | 1.0357 | 67 | 1272 | 33474000 |
| | POWDER-SYSTEM | AIR | 11.5863 | 17.1686 | 1194 | 1.0357 | 67 | 1272 | 33476000 |
| | AILERON-SYSTEM.FLIGHT-CONTROL | AIR | 11.5863 | 17.1686 | 1194 | 1.0357 | 67 | 1272 | 33478000 |
| | CONTROL.ELEVATOR.SYNCHRONIZED | HELI | 13.1578 | 51.1802 | 240 | .076 | 66 | 1257 | 33480000 |
| | CYCLIC-CONTROL | HELI | 14.4508 | 56.2095 | 60 | .0693 | 66 | 1257 | 33482000 |
| | AILERON-SYSTEM | AIR | 15.7595 | 25.5987 | 200 | .50763 | 63 | 1198 | 33484000 |
| | CONTROL.TAIL-ROTOR | HELI | 15.7577 | 51.4486 | 200 | .0633 | 66 | 1257 | 33486000 |
| | POWDER-SYSTEM | AIR | 17.1115 | 38.1063 | 812 | .17532 | 64 | 1179 | 33488000 |
| | ENGINE-BUILDUP-CONTROL.TURBOJET.J85 | AIR | 17.11[illegible] | 38.1063 | 812 | .17532 | 64 | 1179 | 33490000 |
| | CONTROL.ENGINE.POWER-PLANT | AIR | 19.521 | 37.0123 | 126 | .21597 | 65 | 1155 | 33492000 |
| | AILERON-SYSTEM | AIR | 22.6628 | 36.8121 | 408 | .353 | 65 | 1227 | 33494000 |
| | THROTTLE-CONTROL | AIR | 26.2536 | 45.0842 | 946 | .22854 | 65 | 1228 | 33496000 |
| | CONTROL.TAIL-ROTOR | HELI | 36.9063 | 143.531 | 100 | .0271 | 66 | 1257 | 33498000 |
| | ENGINE-BUILDUP-CONTROL.TURBOJET.J85 | AIR | 39.3804 | 62.1597 | 946 | .22854 | 65 | 1228 | 33500000 |
| | LANDING-GEAR-DOOR.MAIN.OUTBOARD | AIR | 40.453 | 107.451 | 96 | .04744 | 65 | 1227 | 33502000 |
| | NOSE-LANDING-GEAR | AIR | 42.1052 | 84.1426 | | .095 | 63 | 2124 | 33504000 |
| | CONTROL.TAIL-ROTOR | HELI | 43.3213 | 76.044 | 160 | .1385 | 66 | 1257 | 33506000 |
| | ELEVATOR-CONTROL-LINKAGE | AIR | 58.4316 | | | .17114 | 63 | 1123 | 33508000 |
| | AILERON-SYSTEM | AIR | 66.1529 | 77.5112 | 400 | .46548 | 63 | 1114 | 33510000 |
| | LANDING-GEAR-DOOR.MAIN.OUTBOARD | AIR | 80.7828 | 112.748 | 152 | .08226 | 66 | 1250 | 33512000 |
| | CONTROL.ELEVATOR.SYNCHRONIZED | HELI | 86.6425 | 128.386 | 160 | .1335 | 66 | 1257 | 33514000 |

PART CLASS  111 MECHANISMS, POWER TRANSMITTAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .12 BELL-CRANK | | | | | | | | | |
| | STABILIZER.HORIZONTAL | AIR | 125.484 | 189.346 | 406 | .08766 | 64 | 1179 | 33516000 |
| | STABILIZER.HORIZONTAL | AIR | 173.782 | 199.693 | 597 | .51789 | 67 | 1272 | 33518000 |
| | STABILIZER.HORIZONTAL | AIR | 201.277 | 266.503 | 473 | .11427 | 65 | 1228 | 33520000 |
| | CONTROL.ELEVATOR.SYNCHRONIZED | HELI | 221.402 | 388.638 | 100 | .0271 | 66 | 1257 | 33522000 |
| VARIABLE-GEOMETRY | TURBOJET.J-85 | AIR | * | 10.0752 | 946 | .22854 | 65 | 1228 | 33524000 |
| .13 CAM | | | | | | | | | |
| | STEERING.NOSEWHEEL | AIR | * | 10.0752 | 946 | .22854 | 65 | 1228 | 33526000 |
| | ACTUATOR.SWITCH.DOOR.HYDRAULIC.PETAL | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 33528000 |
| | CENTERING.LANDING-GEAR.MAIN | AIR | * | 48.2219 | 124 | .04775 | 63 | 1111 | 33530000 |
| | | LAB | .002 | | | | 63 | 1138 | 33532000 |
| | | AIR | .1 | | | | 61 | 1068 | 33534000 |
| | STEERING.NOSEWHEEL | AIR | 5.70385 | 22.1862 | 812 | .17532 | 64 | 1179 | 33536000 |
| | STEERING.NOSEWHEEL | AIR | 7.72424 | 12.5467 | 1194 | 1.0357 | 67 | 1272 | 33538000 |
| | CONTROL.ENGINE-THROTTLE | AIR | 10.4712 | 40.7298 | 248 | .0955 | 63 | 1111 | 33540000 |
| | CONTROL.THROTTLE | AIR | 17.1115 | 38.1063 | 812 | .17532 | 64 | 1179 | 33542000 |
| | CONTROL.THROTTLE | AIR | 20.2761 | 27.2128 | 1194 | 1.0357 | 67 | 1272 | 33544000 |
| | CONTROL.THROTTLE | AIR | 30.6292 | 51.5047 | 946 | .22854 | 65 | 1228 | 33546000 |
| | CONTROL.RELEASE.ALTERNATE.LANDING-GEAR | AIR | 77.2364 | 95.368 | 597 | .51789 | 67 | 1272 | 33548000 |
| | CONTROL.RELEASE.ALTERNATE.LANDING-GEAR | AIR | 96.2632 | 145.253 | 473 | .11427 | 65 | 1228 | 33550000 |
| | CONTROL.RELEASE.ALTERNATE.LANDING-GEAR | AIR | 148.3 | 216.266 | 406 | .08766 | 64 | 1179 | 33552000 |
| ACTUATOR.SWITCH BOXES.ASSEMBLY | DOOR.HYDRAULIC.PETAL | AIR | 24.3131 | 94.5708 | 76 | .04113 | 66 | 1250 | 33554000A |
| | ENGINE-DROOP-COMPENSATION-SYSTEM | HELI | 57.8034 | 153.823 | 40 | .0346 | 66 | 1257 | 33554000 |
| .14 FOLLOWER | | | | | | | | | |
| CAM | CLEAR-VISION-WINDSHIELD | AIR | * | 23.2868 | 192 | .09888 | 65 | 1227 | 33558000 |
| CAM | STEERING.NOSEWHEEL | AIR | * | 20.1505 | 473 | .11427 | 65 | 1228 | 33560000 |
| CAM | CLEAR-VISION-WINDSHIELD | AIR | * | 13.9975 | 304 | .1645 | 66 | 1250 | 33562000 |
| CAM | STEERING.NOSEWHEEL | AIR | .965531 | 3.75562 | 1194 | 1.0357 | 67 | 1272 | 33564000 |
| CAM | STEERING.NOSEWHEEL | AIR | 5.70385 | 22.1862 | 812 | .17532 | 64 | 1179 | 33566000 |
| CAM | 20MM-GUN | AIR | 80R | 112.258R | 4 | .2R | 64 | 1134 | 33568000 |
| .20 GEARS | | | | | | | | | |
| | IDLER.MAIN.REDUCTION-GEAR | AIR | * | 4.48316 | 528 | .51361 | 65 | 1201 | 33570000 |
| | MASTER.PROPELLER-ASSEMBLY | AIR | * | 6.78992 | 200 | .33912 | 63 | 1198 | 33572000 |
| | | GKD SHP | * | 10.3482 | | .22251 | 64 | 1180 | 33574000 |
| | DIFFERENTIAL | AIR | * | 41.1178 | | .056 | 61 | 1082 | 33576000 |
| | ANTENNA.RADAR-SYSTEM | SIM GRD AIR | * | 82.9765 | 195 | .02775 | 64 | 1181 | 33578000A |
| | ANTENNA.RADAR-SYSTEM | SIM GRD AIR | * | 115.13 | 139 | .02 | 63 | 1117 | 33580000 |

PART CLAS. SEE MECHANISMS, POWER TRANSMITTAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90% CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .2C GEARS | | | | | | | | | |
| | (STORAGE) | MSL | .0001 | | | | 65 | 2440 | 33582000 |
| | | LAB | .12 | | | | 63 | 1138 | 33584000 |
| | | LAB | .3 | | | | 61 | 1086 | 33586000 |
| | DRIVE.MAIN.REDUCTION-GEAR | AIR | .501379 | 1.95021 | 1716 | 1.9945 | 65 | 1201 | 33588000 |
| | SHAFT.DRIVE.SCAVENGE-PUMP.TURBINE.FRONT | AIR | .501379 | 1.95021 | 1716 | 1.9945 | 65 | 1201 | 33590000 |
| | SHAFT.DRIVE.SCAVENGE-PUMP.TURBINE.REAR | AIR | .501379 | 1.95021 | 1716 | 1.9945 | 65 | 1201 | 33592000 |
| | | GRD | .62954 | .819283 | 7360 | 41.3 | 62 | 1164 | 33594000 |
| | | GRD | .63 | | | | 63 | 2847 | 33596000 |
| | PLANET.WITH-BEARING.REDUCTION-GEAR | AIR | 1.65561 | 2.80756 | 2000 | 1.8957 | 65 | 1201 | 33598000 |
| | DRIVE.SCAVENGE-PUMP.DIFFUSER.POWER-SECTION | AIR | 1.80413 | 3.34961 | 1716 | 1.9945 | 65 | 1201 | 33600000 |
| | PLANET.WITH-BEARING.REDUCTION-GEAR | AIR | 1.55757 | 3.11263 | 2640 | 2.5681 | 65 | 1201 | 33602000 |
| | PLANET.WITH-BEARING.REDUCTION-GEAR | AIR | 1.60444 | 2.25139 | 8580 | 9.9723 | 65 | 1201 | 33604000 |
| | PINION.DRIVE.SCAVENGE-PUMP.OIL.MAIN | AIR | 1.79079 | 6.96567 | 708 | .55841 | 65 | 1201 | 33606000 |
| | PINION.REDUCTION-GEAR | AIR | 1.947 | 7.57325 | 528 | .51361 | 65 | 1201 | 33608000 |
| | IDLER.HYDRAULIC-PUMP.REDUCTION-GEAR | AIR | 1.947 | 7.57325 | 528 | .51361 | 65 | 1201 | 33610000 |
| | IDLER.HYDRAULIC-PUMP.REDUCTION-GEAR | AIR | 2.73059 | 10.6212 | 264 | .36622 | 65 | 1201 | 33612000 |
| | IDLER.TACHOMETER-DRIVE.REDUCTION-GEAR | AIR | 2.73059 | 10.6212 | 264 | .36622 | 65 | 1201 | 33614000 |
| | SIDE.COMPRESSOR.POWER-SECTION | AIR | 2.83535 | 11.0286 | 448 | .35269 | 65 | 1201 | 33616000 |
| | INTERMEDIATE.SCAVENGE-PUMP.DIFFUSER | AIR | 2.83535 | 11.0286 | 448 | .35269 | 65 | 1201 | 33618000 |
| | SCAVENGE-PUMP.MAIN.REDUCTION-GEAR | AIR | 3.00827 | 5.28097 | 1716 | 1.9945 | 65 | 1201 | 33620000 |
| | SHAFT.DRIVE.SCAVENGE-PUMP.TURBINE.FRONT | AIR | 4.86121 | 18.9086 | 260 | .20571 | 65 | 1201 | 33622000 |
| | DRIVE.SCAVENGE-PUMP.REDUCTION-GEAR | AIR | 5.27509 | 14.0378 | 400 | .37914 | 65 | 1201 | 33624000 |
| | PLANET.WITH-BEARING.REDUCTION-GEAR | AIR | 5.46119 | 8.41387 | 1220 | 1.6311 | 65 | 1201 | 33626000 |
| | SHAFT.PUMP.OIL-SCAVENGE.TURBINE.REAR | AIR | 5.46119 | 14.533 | 264 | .36622 | 65 | 1201 | 33628000 |
| | SCAVENGE-PUMP.MAIN.REDUCTION-GEAR | AIR | 5.46119 | 14.533 | 264 | .36622 | 65 | 1201 | 33630000 |
| | DRIVE.SYNCHRO | SAT | 5.58659 | 11.1641 | 14010 | .716 | 65 | 1221 | 33632000 |
| | DIFFERENTIAL | AIR | 6.13496 | 23.8631 | | .163 | 61 | 1083 | 33634000 |
| | DRIVE.SCAVENGE-PUMP.OIL.MAIN.REDUCTION-GEAR | AIR | 8.95399 | 16.6095 | 708 | .55841 | 65 | 1201 | 33636000 |
| | REDUCTION.TURBOPROP-POWER-PLANT | AIR | 19.3348 | 30.589 | 400 | .40548 | 65 | 1198 | 33638000 |
| | SHAFT.SCAVENGE-PUMP.TURBINE.FRONT | AIR | 31.1888 | 47.0615 | 448 | .35269 | 65 | 1201 | 33640000 |
| | REDUCTION.TURBOPROP-POWER-PLANT | AIR | 48.387 | 167.754 | 272 | .062 | 63 | 1114 | 33642000 |
| | | AIR | 123.619 | 158.568 | | .23459 | 65 | 2L2 | 33644000 |
| | REDUCTION.TURBOPROP-POWER-PLANT | AIR | 232.294 | 268.749 | 408 | .353 | 63 | 1114 | 33646000 |
| | REDUCTION.TURBOPROP-POWER-PLANT | AIR | 244.272 | 274.855 | 200 | .50763 | 65 | 1198 | 33648000 |
| | REDUCTION.TURBOPROP-POWER-PLANT | AIR | 254.648 | 289.213 | 200 | .33912 | 65 | 1198 | 33650000 |
| | REDUCTION.TURBOPROP-POWER-PLANT | AIR | 264.214 | 306.54 | 200 | .299 | 63 | 1114 | 33652000 |
| | | GRD | 460 | 1164.46 | | .005 | 62 | 1072 | 33654000 |
| | ANTENNA.TARGET-SEEKER-SYSTEM | GRD | 869.565 | 7314.64 | | .0023 | 62 | 1135 | 33656000 |
| ANTI-BACKLASH.DELRIN. (PLASTIC) | | AIR | 114.624 | 147.029 | 1171 | .253 | 64 | 1250 | 33658000 |

PART CLASS 511 MECHANISMS, POWER TRANSMITTAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .20 GEARS | | | | | | | | | |
| BEVEL | | GRD | * | 788.544 | | .00798 | 64 | 1180 | 33660000 |
| BEVEL | TILT-DRIVE | GRD | * | 668.961 | | .00491 | 64 | 1180 | 33662000 |
| BEVEL | | GRD | * | 312.853 | | .00734 | 64 | 1180 | 33664000 |
| BEVEL.PINION | | GRD | * | 939.836 | | .00245 | 64 | 1180 | 33666000 |
| BOX-ASSEMBLY | | AIR | 3515.78 | 3775.36 | | .099 | 63 | ZLI | 33668000 |
| BOX-CONSTANT-SPEED-DRIVE | | AIR | 3292.59 | 3251.4 | | .216 | 63 | 2109 | 33670000 |
| BOXES | ELEVATOR-TRIM-TAB-ASSEMBLY | AIR | * | 4.53598 | 200 | .50763 | 65 | 1198 | 33672000 |
| BOXES | HYDRAULIC.GUN-TURRET.FIRE-CONTROL | AIR | * | 96.4641 | 62 | .02387 | 63 | 1111 | 33674000 |
| BOXES | N-1-ACCESS.COMPRESSOR.BASIC-ENGINE | AIR | * | 13.9975 | 304 | .1645 | 66 | 1250 | 33676000 |
| BOXES | N-1-ACCESS.COMPRESSOR.BASIC-ENGINE | AIR | * | 23.2868 | 192 | .09888 | 65 | 1227 | 33678000 |
| BOXES | TRANSFER.ACCESSORY-DRIVE | AIR | * | 176.309 | 86 | .01306 | 66 | 1240 | 33680000 |
| BOXES | | AIR | * | 20.9226 | | .115 | 61 | 1084 | 33682000 |
| BOXES | SCREWJACK | AIR | 0 | 25.3032 | | .091 | 61 | 1082 | 33684000 |
| BOXES | ELEVATOR-TRIM-TAB-ASSEMBLY | AIR | * | 6.78992 | 200 | .33912 | 63 | 1198 | 33686000 |
| BOXES | COMPUTER-GROUP.ASG-15.FIRE-CONTROL | AIR | * | 96.4641 | 62 | .02387 | 63 | 1111 | 33688000 |
| BOXES | COMMUNICATION | LAB | .2 | | | | 63 | 1130 | 33690000 |
| BOXES | WING-FLAP-ASSEMBLY | AIR | 1.47442 | 5.73507 | 600 | .67823 | 63 | 1196 | 33692000 |
| BOXES | WING-FLAP-ASSEMBLY | AIR | 2.12576 | 5.66762 | 800 | .93907 | 65 | 1198 | 33694000 |
| BOXES | WING-FLAP-ASSEMBLY | AIR | 2.95479 | 6.58012 | 400 | 1.0153 | 65 | 1198 | 33696000 |
| BOXES | WING-FLAP-ASSEMBLY | AIR | 4.24929 | 9.46289 | 816 | .706 | 63 | 1114 | 33698000 |
| BOXES | LANDING-GEAR.MAIN | AIR | 11.8196 | | 200 | .50763 | 65 | 1198 | 33700000 |
| BOXES | LANDING-GEAR.MAIN | AIR | 16.129 | 62.737 | 272 | .062 | 63 | 1114 | 33702000 |
| BOXES | WING-FLAP-ASSEMBLY | AIR | 16.129 | 42.9217 | 544 | .124 | 63 | 1114 | 33704000 |
| BOXES | LANDING-GEAR.MAIN | AIR | 16.9971 | 29.8359 | 408 | .353 | 63 | 1114 | 33706000 |
| BOXES | LANDING-GEAR.MAIN | AIR | 17.1865 | 27.9167 | 400 | .46548 | 65 | 1198 | 33708000 |
| BOXES | MANUAL.EMERGENCY-MAIN-LANDING-GEAR | AIR | 23.5904 | 47.1428 | 100 | .16956 | 63 | 1198 | 33710000 |
| BOXES | MANUAL.EMERGENCY-MAIN-LANDING-GEAR | AIR | 25.7798 | 45.2526 | 200 | .23274 | 65 | 1198 | 33712000 |
| BOXES | MANUAL.EMERGENCY-EQUIPMENT | AIR | 26.5456 | 53.6479 | 100 | .149 | 63 | 1114 | 33714000 |
| BOXES | MANUAL.EMERGENCY-MAIN-LANDING-GEAR | AIR | 27.5785 | 48.3749 | 100 | .25382 | 65 | 1198 | 33716000 |
| BOXES | 2-SPEED.CONTROL.LANDING-GEAR.MAIN | AIR | 28.409 | 52.6971 | 204 | .176 | 63 | 1114 | 33718000 |
| BOXES | MANUAL.EMERGENCY-EQUIPMENT | AIR | 28.409 | 52.6971 | 204 | .176 | 63 | 1114 | 33720000 |
| BOXES | LANDING-GEAR.MAIN | AIR | 32.4368 | 48.9647 | 200 | .33912 | 63 | 1196 | 33722000 |
| BOXES | ACCESSORY-DRIVE.TURBOJET.J-85 | AIR | 35.0048 | 56.8596 | 946 | .22854 | 65 | 1228 | 33724000 |
| BOXES | 2-SPEED.CONTROL.LANDING-GEAR.MAIN | AIR | 47.2775 | 70.0557 | 100 | .25382 | 65 | 1198 | 33726000 |
| BOXES | WING-FLAP-DRIVE | AIR | 56.2587 | 149.713 | 63 | .03553 | 64 | 1144 | 33728000 |
| BOXES | MANUAL.EMERGENCY-EQUIPMENT | AIR | 64.5161 | 171.687 | 136 | .031 | 63 | 1114 | 33730000 |
| BOXES | 2-SPEED.CONTROL.LANDING-GEAR.MAIN | AIR | 64.8737 | 97.8895 | 100 | .16956 | 63 | 1198 | 33732000 |
| BOXES | 2-SPEED.CONTROL.LANDING-GEAR.MAIN | AIR | 73.6255 | 111.396 | 100 | .149 | 63 | 1114 | 33734000 |
| BOXES | AC-POWER-SUPPLY.EMERGENCY | AIR | 85.7842 | 190.88 | 320 | .035 | 61 | 1080 | 33736000A |
| BOXES | SCREWJACK | AIR | 86.0215 | 139.727 | 520 | .093 | 61 | 1080 | 33738000A |
| BOXES | SHAFT.TURBOJET.J-85 | AIR | 88.3565 | 139.465 | 812 | .10186 | 64 | 1179 | 33740000 |
| BOXES | SCREWJACK.VARI-RAMP | AIR | 90.909 | 353.609 | 120 | .011 | 61 | 1080 | 33742000A |
| BOXES | DRIVE.RESOLVER.6000RPM/200RPM | HELI | 100 | 222.693 | 120 | .03 | 65 | 1215 | 33744000 |
| BOXES | TELEFLEX.CANOPY | AIR | 118.279 | 178.474 | 520 | .093 | 61 | 1080 | 33746000 |
| BOXES | DRIVE.DOOR.HYDRAULIC.PETAL | AIR | 121.359 | 270.258 | 48 | .02472 | 65 | 1227 | 33748000 |

PART CLASS .11 MECHANISMS, POWER TRANSMITTAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SPCS | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .20 GEARS | | | | | | | | | |
| BOXES | | AIR | 142.857 | 555.671 | | .007 | 61 | F082 | 33750000 |
| BOXES | 42-DEGREE.TAIL-ROTOR | HELI | 147.058 | 572.014 | 20 | .0068 | 66 | 1257 | 33752000 |
| BOXES | ACCESSORY.ENGINE.26300RPM/4200RPM | HELI | 166.666 | 309.156 | 120 | .03 | 65 | 1215 | 33754000 |
| BOXES | ACCESSORY-DRIVE.6000RPM-INPUT.100HP | HELI | 166.666 | 309.156 | 120 | .03 | 65 | 1215 | 33756000 |
| BOXES | FLAP-DRIVE-SYSTEM | AIR | 166.666 | 443.525 | 31 | .012 | 63 | 1111 | 33758000 |
| BOXES | ANGLE-CHANGE.TAIL-ROTOR-DRIV.3000RPM | HELI | 200 | 351.07 | 120 | .03 | 65 | 1215 | 33760000 |
| BOXES | 2-SPEED.CONTROL.LANDING-GEAR.MAIN | AIR | 225.806 | 379.706 | 136 | .031 | 63 | 1113 | 33762000 |
| BOXES | 42-DEGREE.TAIL-ROTOR | HELI | 236.779 | 527.292 | 40 | .01267 | 66 | 1257 | 33764000 |
| BOXES | SCREWJACK | AIR | 245.398 | 284.438 | | .326 | 61 | 1083 | 33766000 |
| BOXES | 90-DEGREE.TAIL-ROTOR | HELI | 289.017 | 445.278 | 40 | .0346 | 66 | 1257 | 33768000 |
| BOXES | 90-DEGREE.TAIL-ROTOR | HELI | 294.117 | 782.091 | 20 | .0068 | 66 | 1257 | 33770000 |
| BOXES | 2-SPEED.CONTROL.LANDING-GEAR.MAIN | AIR | 330.841 | 384.596 | 200 | .23274 | 63 | 1198 | 33772000 |
| BOXES | 42-DEGREE.TAIL-ROTOR | HELI | 370.37 | 985.611 | 20 | .0054 | 66 | 1257 | 33774000 |
| BOXES | 42-DEGREE.TAIL-ROTOR | HELI | 375.722 | 547.917 | 40 | .0346 | 66 | 1257 | 33776000 |
| BOXES | ACCESSORY-DRIVE.AIRFRAME-MOUNT | AIR | 376.301 | 433.827 | 946 | .22854 | 65 | 1228 | 33778000 |
| BOXES | 90-DEGREE.TAIL-ROTOR | HELI | 394.632 | 732.02 | 40 | .01267 | 66 | 1257 | 33780000 |
| BOXES | 2-SPEED.GENERATOR | AIR | 409.706 | 597.177 | 61 | .03173 | 64 | 1144 | 33782000 |
| BOXES | OUTBOARD-AILERON.HYD-CONTROL-SYSTEM | GRD | 434.782 | 1691.17 | | .0023 | 62 | 1135 | 33784000 |
| BOXES | DRIVE.INBOARD-AILERON.HYD-CONTROL | GRD | 434.782 | 1691.17 | | .0023 | 62 | 1135 | 33786000 |
| BOXES | 41[illegible]/12000RPM.AC-GENERATOR | AIR | 511.073 | 897.112 | 34 | .03174 | 63 | 1132 | 33788000 |
| BOXES | ACCESSORY-DRIVE.AIRFRAME-MOUNT | AIR | 593.201 | 674.922 | 812 | .17532 | 64 | 1179 | 33790000 |
| BOXES | ACCESSORY-DRIVE.AIRFRAME-MOUNT | AIR | 648.836 | 682.051 | 1194 | 1.0357 | 67 | 1272 | 33792000 |
| BOXES | DRIVE.TAIL-ROTOR.3000/12000RPM | HELI | 733.333 | 977.341 | 120 | .03 | 65 | 1215 | 33794000 |
| BOXES | ACCESSORY-DRIVE | AIR | 1065.94 | 1210.53 | | .10038 | 63 | 1123 | 33796000 |
| BOXES | 90-DEGREE.TAIL-ROTOR | HELI | 1111.11 | 1950.38 | 20 | .0054 | 66 | 1257 | 33798000 |
| BOXES | SPEED-DECREASER.ENGINE | HELI | 1433.33 | 1956.2 | 120 | .03 | 65 | 1215 | 33800000 |
| BOXES | CONSTANT-SPEED-DRIVE.POWER-PLANT | AIR | 1546.51 | 1660.69 | 126 | .21597 | 65 | 1155 | 33802000 |
| BOXES | DRIVE.MAIN-ROTOR.6000RPM/261RPM | HELI | 2866.66 | 3304.5 | 120 | .03 | 65 | 1215 | 33804000 |
| BOXES | OUTBOARD-RUDDER.HYD-CONTROL-SYSTEM | GRD | 3913.04 | 6176.52 | | .0023 | 62 | 1135 | 33806000 |
| BOXES | DRIVE.BLOWER.TRANSMISSION-OIL-COOLING.90-DEGREE.6400RPM.12HP | HELI | 500 | 473.533 | 120 | .03 | 65 | 1215 | 33808000 |
| BOXES.ACC-DR-&TR-AND-HYD | ACCESSORY-GEAR-BOXES.707-131 | AIR | 2600 | | | | 65 | 2361 | 33810000 |
| BOXES.ACC-DR-&TR-AND-HYD | ACCESSORY-GEAR-BOXES.707-131 | AIR | 3300 | | | | 66 | 2361 | 33812000 |
| BOXES.DRIVE | DOOR.HYDRAULIC.PETAL | AIR | 145.872 | 256.168 | 76 | .04113 | 64 | 1250 | 33814000 |
| DIFFERENTIAL | | AIR GND | 1.57303 | 2.64514 | | 4.45 | 58 | 212 | 33816000 |
| DIFFERENTIAL | | AIR GND | 9.93788 | 13.945 | | 1.61 | 58 | 212 | 33818000 |
| DIFFERENTIAL | (M=MILES) | GRD | 32.4149M | 86.2609M | 15 | .0617M | 66 | 1255 | 33820000 |
| DRIVE-MECHANISM | | AIR GND | 1.55555 | 2.61579 | | 4.5 | 58 | 212 | 33822000 |
| DRIVE-MECHANISM | | AIR GND | 4.19234 | 5.42845 | | 6.44 | 58 | 212 | 33824000 |
| DRIVE-MECHANISM | | AIR GND | 22.2222 | 28.1546 | | 6.44 | 57 | 212 | 33826000 |
| DRIVE-MECHANISM | | AIR GND | 23.2558 | 43.1381 | | .215 | 59 | 212 | 33828000 |
| GEAR-BOX | FLIGHT-CONTROL.727 | AIR | 1200 | | | | 66 | 2363 | 33830000 |
| GEAR-BOX-STABILIZER-TRIM | FLIGHT-CONTROLS.727 | AIR | 2400 | | | | 66 | 2363 | 33832000 |
| GEAR-BOXES | FLIGHT-CONTROLS.707-131 | AIR | 2700 | | | | 65 | 2364 | 33834000 |
| GEAR-BOXES | FLIGHT-CONTROLS.707-331 | AIR | 3100 | | | | 65 | 2364 | 33836000 |

PART CLASS FIT MECHANISMS, POWER TRANSMITTAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF DATA APPT | SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .20 GEARS | | | | | | | | | |
| GEAR-BOXES.FILLET-LH | FLIGHT-CONTROLS.707-131 | AIR | 27QP | | | | 65 | 2364 | 33838000 |
| GEAR-BOXES.FLIGHT-DRIVE-TEE-FILTER-LH | FLIGHT-CONTROLS.707-331 | AIR | 310P | | | | 65 | 2364 | 33840000 |
| GEARBOX.ALT-FLAP-DRIVE | FLIGHT-CONTROLS.727 | AIR | 90P | | | | 66 | 2360 | 33842000 |
| GEARBOX-ANG-IB-FLAP-DRIVE-CONTROL | FLIGHT-CONTROLS.727 | AIR | 470P | | | | 66 | 2360 | 33844000 |
| GEARBOX-ANG-IB-FLAP-DRIVE-CONTROL | FLIGHT-CONTROLS.727 | AIR | 110P | | | | 66 | 2365 | 33846000 |
| GEARBOX-STAB-TRIM-JACKSCREW | FLIGHT-CONTROLS.727 | AIR | 300P | | | | 65 | 2365 | 33848000 |
| HELICAL | | GRD | * | 4[illegible].961 | | .00491 | 64 | 1180 | 33850000 |
| HELICAL | | LAB | .05 | | | | 63 | 1138 | 33852000 |
| INSTRUMENT-SERVO | | AIR GND | 5.43933 | 7.07474 | | 4.78 | 57 | 242 | 33854000 |
| MIL-C-7488 | SPEED-DECREASING.OIL-COOLER | HELI | 100 | 2[illegible].643 | 120 | .03 | 65 | 1215 | 33856000 |
| MIL-S-8698 | MAIN.LANDING | HELI | 133.333 | 210.578 | 240 | .06 | 65 | 1215 | 33858000 |
| REDUCTION.STEEL | OIL-PUMP.TURBO-ENGINE | AIR | 19.4071 | 29.2859 | 500 | .5668 | 66 | 1277 | 33860000 |
| RING | REDUCTION-GEAR | AIR | 5.37239 | 11.9639 | 708 | .55041 | 65 | 1201 | 33862000 |
| SECTOR | | LAB | .91 | | | | 63 | 1138 | 33864000 |
| SECTOR | | AIR | 50 | | | | 61 | 1068 | 33866000 |
| SINGLE | | AIR | 1.18 | | | | 57 | 242 | 33868000 |
| SINGLE | | AIR | 2 | | | | 57 | 241 | 33870000 |
| SPUR | SYNCHRO-DRIVE | GRD | * | 1813.07 | | .00127 | 64 | 1180 | 33872000 |
| SPUR | | GRD | * | 161.93A | | .01422 | [illegible] | [illegible] | 33874000 |
| SPUR | | GRD | * | 104.697 | | .02193 | 64 | 1180 | 33876000 |
| SPUR | | LAB | 2.18 | | | | 63 | 1138 | [illegible]878000 |
| SPUR | | AIR | 100 | | | | 61 | 1068 | 33880000 |
| SPUR.ANTI-BACKLASH | | GRD | * | 77.8168 | | .02959 | 64 | 1180 | 33882000 |
| SPUR.CONTROL-STOP | | GRD | * | 1813.07 | | .00127 | 64 | 1180 | 33884000 |
| SPUR.INVOLUTE | | AIR | .025445 | .047199 | 1000 | 196.5 | 64 | 1148 | 33886000 |
| SPUR.PINION | | GRD | * | 266.813 | | .00863 | 64 | 1180 | 33888000 |
| SPUR.STEEL | | AIR | 2.5 | | | | 61 | 1068 | 33890000 |
| SUN | REDUCTION-GEAR | AIR | 3.58159 | 9.53116 | 708 | .55841 | 65 | 1201 | 33892000 |
| TRAIN | | AIR GND | * | .571677 | | 4.0278 | 66 | 246 | 33894000 |
| TRAIN | | AIR | 2.47269 | 3.34397 | | 8.0877 | 65 | 242 | 33896000 |
| TRAIN | | AIR GND | 9.33 | | | | 59 | 242 | 33898000 |
| TRAINS | CLEARANCE-PLANE-INDICATOR.RADAR | SIN GRD AIR | * | 82.9765 | 195 | .02779 | 64 | 1181 | 33900000A |
| TRAINS | | GRD | * | 79.4 | 27 | .029 | 65 | 1193 | 33902000 |
| TRAINS | CLEARANCE-PLANE-INDICATOR.RADAR | SIN GRD AIR | * | 115.13 | 139 | .02 | 63 | 1117 | 33904000 |
| TRAINS | INDICATOR-DRIVES | GEN | .4 | | | | 62 | 1078 | 33906000 |
| TRAINS | COMMUNICATION | LAB | .9 | | | | 63 | 1138 | 33908000 |
| TRAINS | | AIR GND | 9.21659 | 24.5267 | | .217 | 62 | 1087 | 33910000 |
| TRAINS | | AIR GND | 36.3636 | 44.0587 | | 1.32 | 61 | 1087 | 33912000 |
| TRAINS | | SIN AIR | 67.06 | 124.392 | 72 | .07456 | 64 | 1150 | 33914000A |
| TRAINS | | SIN AIR | 73.4753 | 285.757 | 26 | .01361 | 64 | 1151 | 33916000A |
| TRAINS.ANTI-BACKLASH. INSTRUMENT | | GRD | 110.375 | 429.326 | 12 | .00900 | 65 | 1177 | 33918000A |

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y. NONELECTRONIC PART FAILURE RATE DATA JANUARY 1968
SECTION I FAILURE RATE DATA

PART CLASS 311 MECHANISMS, POWER TRANSMITTAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| ..0 GEARS | | | | | | | | | |
| TRAINS,LOADED | | GEN | 1 | | | | 62 | 1078 | 33920000 |
| TRAINS,POWER | | AIR | 1142.85 | 1856.38 | | .007 | 61 | 1082 | 33922000 |
| TRAINS,STAGES,INSTRUMENT | | AIR | 2.47218 | 3.34302 | 40129 | 8.09 | 66 | 1253 | 33924000 |
| TRANSFER,INTERNAL | (R=MILES) | GRD | 32.4149R | 86.2609R | 19 | .0617R | 66 | 1255 | 33926000 |
| WORM,WHEEL | | GRD | * | 234.719 | | .00981 | 64 | 1180 | 33928000 |
| ..5 TRANSMISSION | | | | | | | | | |
| | GUN-TURRET,FIRE-CONTROL-SYSTEM | AIR | 41.6935 | 102.953 | 62 | .02387 | 63 | 1111 | 33930000 |
| | MAIN | HELI | 315.706 | 630.903 | 40 | .01267 | 66 | 1257 | 33932000 |
| | MAIN | HELI | 490.797 | 797.22 | 60 | .0163 | 66 | 1257 | 33934000 |
| | CONSTANT-SPEED-DRIVE,ELECTRIC-SYSTEM | AIR | 551.032 | 587.003 | | .76402 | 65 | 1196 | 33936000 |
| | MAIN | HELI | 570.034 | 781.65 | 40 | .0346 | 66 | 1257 | 33938000 |
| | MAIN | HELI | 1176.47 | 1910.98 | 20 | .0068 | 66 | 1257 | 33940000 |
| | ROTOR,LOWER | AIR | 151*.15 | 5893.48 | 6 | .00066 | 62 | 1157 | 33942000 |
| | CONSTANT-SPEED-DRIVE,POWER-PLANT | AIR | 1861.36 | 1985.97 | 126 | .21597 | 65 | 1155 | 33944000 |
| CONSTANT-SPEED,DRIVE | ELECTRICAL-POWER,88C | AIR | 900P | | | | 66 | 2360 | 33946000 |
| CONSTANT-SPEED,DRIVE | ELECTRICAL-POWER,88C | AIR | 1430P | | | | 65 | 2360 | 33948000 |
| CONSTANT-SPEED,DRIVE | ELECTRICAL-POWER,88C | AIR | 1660P | | | | 66 | 2360 | 33950000 |
| CONSTANT-SPEED-DRIVE | ELECTRICAL-POWER,707-131 | AIR | 500P | | | | 66 | 2364 | 33952000 |
| CONSTANT-SPEED-DRIVE | ELECTRICAL-POWER,707-331 | AIR | 540P | | | | 65 | 2364 | 33954000 |
| CONSTANT-SPEED-DRIVE | ELECTRICAL-POWER,707-131 | AIR | 570P | | | | 66 | 2364 | 33956000 |
| CONSTANT-SPEED-DRIVE | ELECTRICAL-POWER,707-131 | AIR | 590P | | | | 65 | 2361 | 33958000 |
| CONSTANT-SPEED-DRIVE | ELECTRICAL-POWER,707-131 | AIR | 630P | | | | 66 | 2361 | 33960000 |
| CONSTANT-SPEED-DRIVE | ELECTRICAL-POWER,707-331 | AIR | 670P | | | | 66 | 2364 | 33962000 |
| CONSTANT-SPEED-DRIVE | ELECTRICAL-POWER,707-331 | AIR | 700P | | | | 66 | 2362 | 33964000 |
| CONSTANT-SPEED-DRIVE | ELECTRICAL-POWER,707-331 | AIR | 780P | | | | 66 | 2364 | 33966000 |
| CONSTANT-SPEED-DRIVE | ELECTRICAL-POWER,707-131 | AIR | 790P | | | | 66 | 2361 | 33968000 |
| CONSTANT-SPEED-DRIVE | ELECTRICAL-POWER,707-131 | AIR | 800P | | | | 66 | 2362 | 33970000 |
| CONSTANT-SPEED-DRIVE | ELECTRICAL-POWER,707-331 | AIR | 890P | | | | 66 | 2361 | 33972000 |
| CONSTANT-SPEED-DRIVE | ELECTRICAL-POWER,707-331 | AIR | 910P | | | | 66 | 2361 | 33974000 |
| CONSTANT-SPEED-DRIVE | ELECTRICAL-POWER,707-331 | AIR | 930P | | | | 66 | 2362 | 33976000 |
| CONSTANT-SPEED-DRIVE | ELECTRICAL-POWER,707-131 | AIR | 930P | | | | 66 | 2362 | 33978000 |
| CONSTANT-SPEED-DRIVE | ELECTRICAL-POWER,707-331 | AIR | 940P | | | | 65 | 2362 | 33980000 |
| CONSTANT-SPEED-DRIVE | ELECTRICAL-POWER,88C | AIR | 1080P | | | | 65 | 2365 | 33982000 |
| CONSTANT-SPEED-DRIVE | ELECTRICAL-POWER,707-131 | AIR | 1090P | | | | 65 | 2364 | 33984000 |
| CONSTANT-SPEED-DRIVE | ELECTRICAL-POWER,707-131 | AIR | 1160P | | | | 65 | 2361 | 33986000 |
| CONSTANT-SPEED-DRIVE | ELECTRICAL-POWER,88C | AIR | 1230P | | | | 66 | 2365 | 33988000 |
| CONSTANT-SPEED-DRIVE | ELECTRICAL-POWER,88C | AIR | 1310P | | | | 65 | 2363 | 33990000 |
| CONSTANT-SPEED-DRIVE | ELECTRICAL-POWER,88C | AIR | 1340P | | | | 66 | 2363 | 33992000 |
| CONSTANT-SPEED-DRIVE | ELECTRICAL-POWER,707-131 | AIR | 1360P | | | | 65 | 2362 | 33994000 |
| CONSTANT-SPEED-DRIVE | ELECTRICAL-POWER,88C | AIR | 1440P | | | | 66 | 2365 | 33996000 |
| CONSTANT-SPEED-DRIVE | ELECTRICAL-POWER,88C | AIR | 1700P | | | | 66 | 2363 | 33998000 |
| FIL-FLAP-DRIVE-LH | FLIGHT-CONTROLS,331C/373C | AIR | 50CP | | | | 66 | 2369 | 34000000 |
| FIL-FLAP-DRIVE-RH | FLIGHT-CONTROLS,707-331B | AIR | 280P | | | | 66 | 2362 | 34002000 |

PART CLASS 911 MECHANISMS, POWER TRANSMITTAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF APT | DATA SINCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .29 TRANSMISSION | | | | | | | | | |
| HYDRAULIC | CONSTANT-SPEED-DRIVE | AIR | 2130.18 | 2328.7 | | .10693 | 33 | 1123 | 340040000A |
| IB-FLAP-IB-LH | FLIGHT-CONTROLS.727 | AIR | 190P | | | | 66 | 2360 | 34006000 |
| IB-FLAP-IB-LH | FLIGHT-CONTROL.727 | AIR | 340P | | | | 65 | 2363 | 34008000 |
| IB-FLAP-IB-RH | FLIGHT-CONTROL.727 | AIR | 340P | | | | 65 | 2363 | 34010000 |
| IB-FLAP-OB-LH | FLIGHT-CONTROL.727 | AIR | 340P | | | | 65 | 2363 | 34012000 |
| IB-FLAP-OB-LH | FLIGHT-CONTROL.727 | AIR | 340P | | | | 65 | 2363 | 34014000 |
| MANUAL | MAIN-DRIVE.(M=MILES) | GRD | 16.2074M | 65.0421M | 15 | .061TM | 66 | 1255 | 34016000 |
| WG-FLAP | FLIGHT-CONTROLS.727 | AIR | 190P | | | | 66 | 2360 | 34018000 |
| WG-FLAP | FLIGHT-CONTROLS.727 | AIR | 270P | | | | 65 | 2360 | 34020000 |
| .40 COUPLINGS | | | | | | | | | |
| | SEARCH-RADAR-SUBSYSTEM | AIR | • | 213.599 | 1 | .[illegible]078 | 62 | 2322 | 34022000 |
| | DUCT.BLEED.AIR-TURBINE-MOTOR | AIR | • | 9.89344 | 200 | .[illegible]774 | 64 | 1198 | 34024000 |
| | OIL-LINE.CONSTANT-SPEED-DRIVE (STORAGE) | AIR | • | 23.7719 | | .[illegible]17 | 63 | 1198 | 34026000 |
| | SHAFT.FLEXIBLE | MSL | .00002 | | | | 65 | 2446 | 34028000 |
| | CLAMP.GTC.AUX-POWER-PLANT | LAB | .69 | | | | 63 | 1198 | 34030000 |
| | DUCT.AIR-CONDITIONING-SYSTEM | AIR | 2.14829 | 5.71694 | 600 | .[illegible]3097 | 65 | 1198 | 34032000 |
| | GUIDANCE.BEAM.AUTOPILOT-SYSTEM | AIR | 83.752 | 325.77 | 31 | .01194 | 63 | 1198 | 34034000 |
| | GUIDANCE.BEAM.AUTOPILOT-SYSTEM | AIR | 238.638 | 320.276 | 102 | .088 | 63 | 1114 | 34036000 |
| | GUIDANCE.BEAM.AUTOPILOT-SYSTEM | AIR | 266.666 | 532.903 | 88 | .085 | 63 | 1114 | 34038000 |
| | GUIDANCE.BEAM.AUTOPILOT-SYSTEM | AIR | 273.785 | 345.69 | 50 | .12691 | 65 | 1198 | 34040000 |
| | GUIDANCE.BEAM.AUTOPILOT-SYSTEM | AIR | 28[illegible] | 375.79 | 50 | .075 | 63 | 1114 | 34042000 |
| | GUIDANCE.BEAM.AUTOPILOT-SYSTEM | AIR | 306.676 | 399.108 | 50 | .08478 | 63 | 1198 | 34044000 |
| | COMPASS | AIR | 429.664 | 518.514 | 100 | .11637 | 65 | 1198 | 34 46000 |
| ADF | NAVIGATION.727 | AIR | 2173.91 | 2343.74 | | .138 | 59 | 1070 | 34048000 |
| ADF | NAVIGATION.727 | AIR | 110P | | | | 66 | 2363 | 34050000 |
| ADF-ANT | NAVIGATION.880 | AIR | 120P | | | | 66 | 2363 | 34052000 |
| ADF-ANT | NAVIGATION.880 | AIR | 80P | | | | 66 | 2363 | 34[illegible]6000 |
| ANTENNA | HF-COMMUNICATIONS.DC-8 | AIR | 80P | | | | 66 | 2363 | 34[illegible]6000 |
| ANTENNA | HF-COMMUNICATIONS.DC-8 | AIR | • | | | | 66 | 2380 | 34[illegible]8000 |
| APC/PPC.DIRECTIONAL | R.F.APPL FIEP | AIR | 330 | | | | 66 | 2380 | 34060000 |
| COUPLER.ADF | NAVIGATION.727 | LAB | 65.43 | | | | 65 | 2325 | 34062000 |
| COUPLER.ADF | NAVIGATION.727 | AIR | 150P | | | | 66 | 2345 | 34064000 |
| COUPLER.ADF | NAVIGATION.727 | AIR | 110P | | | | 66 | 2363 | 34066000 |
| COUPLER.ADF-ANT | NAVIGATION.727-131 | AIR | 370P | | | | 66 | 2360 | 34068000 |
| COUPLER.ADF-ANT | NAVIGATION.727-3318 | AIR | 110P | | | | 66 | 2344 | 34070000 |
| COUPLER.ADF-ANT | NAVIGATION.727-131 | AIR | 140P | | | | 66 | 2362 | 34072000 |
| COUPLER.ADF-ANT | NAVIGATION.727-1318 | AIR | 150P | | | | 65 | 2362 | 34074000 |
| COUPLER.ADF-ANT | NAVIGATION.727-331 | AIR | 160P | | | | 65 | 2362 | 34076000 |
| COUPLER.ADF-ANT | NAVIGATION.727-331 | AIR | 170P | | | | 65 | 2362 | 34078000 |
| COUPLER.ADF-ANTENNA | NAVIGATION.880 | AIR | 310P | | | | 66 | 2362 | 34080000 |
| COUPLER.ADF-ANTENNA | NAVIGATION.727 | AIR | 80P | | | | 66 | 2360 | 34082000 |
| COUPLER.POLAR-PATH | NAVIGATION.727-131 | AIR | 90P | | | | 66 | 2360 | 34084000 |
| | | AIR | 120P | | | | 66 | 2362 | 34086000 |

PART CLASS 311 MECHANISMS, POWER TRANSMITTAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 C/MF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .4C COUPLINGS | | | | | | | | | |
| COUPLER,POLAR-PATH | NAVIGATION,707-331B | AIR | 140P | | | | 66 | 2362 | 34088000 |
| COUPLER,POLAR-PATH | NAVIGATION,331C/373C | AIR | 250P | | | | 66 | 2365 | 34090000 |
| COUPLER,POLAR-PATH | NAVIGATION,707-331B | AIR | 260P | | | | 65 | 2362 | 34092000 |
| COUPLER,POLAR-PATH | NAVIGATION,707-331 | AIR | 310P | | | | 65 | 2364 | 34094000 |
| COUPLER,POLAR-PATH | NAVIGATION,727-131 | AIR | 340P | | | | 66 | 2362 | 34096000 |
| COUPLER,POLAR-PATH | NAVIGATION,707-331 | AIR | 340P | | | | 65 | 2362 | 34098000 |
| COUPLER,POLAR-PATH | NAVIGATION,707-331 | AIR | 470P | | | | 66 | 2364 | 34100000 |
| COUPLER,POLAR-PATH | NAVIGATION,331C/373C | AIR | 490P | | | | 65 | 2365 | 34102000 |
| COUPLER,POLAR-PATH | NAVIGATION,707-131 | AIR | 560P | | | | 66 | 2364 | 34104000 |
| COUPLER,POLAR-PATH | NAVIGATION,707-331B | AIR | 580P | | | | 66 | 2364 | 34106000 |
| COUPLER,POLAR-PATH | NAVIGATION,707-331B | AIR | 630P | | | | 65 | 2364 | 34108000 |
| COUPLER,POLAR-PATH | NAVIGATION,707-331B | AIR | 680P | | | | 66 | 2364 | 34110000 |
| COUPLER,POLAR-PATH | NAVIGATION,707-131 | AIR | 680P | | | | 66 | 2364 | 34112000 |
| COUPLER,POLAR-PATH | NAVIGATION,331C/373C | AIR | 720P | | | | 66 | 2360 | 34114000 |
| COUPLER,POLAR-PATH | NAVIGATION,331C/373C | AIR | 760P | | | | 66 | 2365 | 34116000 |
| COUPLER,POLAR-PATH | NAVIGATION,707-131B | AIR | 800P | | | | 66 | 2364 | 34118000 |
| COUPLER,POLAR-PATH | NAVIGATION,707-131B | AIR | 810P | | | | 66 | 2362 | 34120000 |
| COUPLER,POLAR-PATH | NAVIGATION,707-331 | AIR | 840P | | | | 66 | 2362 | 34122000 |
| COUPLER,POLAR-PATH | NAVIGATION,707-131B | AIR | 880P | | | | 66 | 2362 | 34124000 |
| COUPLER,POLAR-PATH | NAVIGATION,707-131 | AIR | 910P | | | | 65 | 2362 | 34126000 |
| COUPLER,POLAR-PATH | NAVIGATION,707-131B | AIR | 920P | | | | 66 | 2364 | 34128000 |
| COUPLER,POLAR-PATH | NAVIGATION,707-131B | AIR | 960P | | | | 65 | 2362 | 34130000 |
| COUPLER,POLAR-PATH | NAVIGATION,331C/373C | AIR | 1000P | | | | 66 | 2365 | 34132000 |
| COUPLER,POLAR-PATH | NAVIGATION,707-331 | AIR | 1080P | | | | 66 | 2362 | 34134000 |
| COUPLER,POLAR-PATH | NAVIGATION,727 | AIR | 1110P | | | | 66 | 2365 | 34136000 |
| COUPLER,POLAR-PATH | NAVIGATION,707-331B | AIR | 1210P | | | | 66 | 2362 | 34138000 |
| COUPLER,POLAR-PATH | NAVIGATION,707-131B | AIR | 1260P | | | | 65 | 2364 | 34140000 |
| COUPLER,POLAR-PATH | NAVIGATION,880 | AIR | 1270P | | | | 66 | 2365 | 34142000 |
| COUPLER,POLAR-PATH | NAVIGATION,880 | AIR | 1280P | | | | 66 | 2365 | 34144000 |
| COUPLER,POLAR-PATH | NAVIGATION,880 | AIR | 1280P | | | | 66 | 2360 | 34146000 |
| COUPLER,POLAR-PATH | NAVIGATION,727 | AIR | 1290P | | | | 66 | 2360 | 34148000 |
| COUPLER,POLAR-PATH | NAVIGATION,880 | AIR | 1300P | | | | 66 | 2360 | 34150000 |
| COUPLER,POLAR-PATH | NAVIGATION,727 | AIR | 1370P | | | | 65 | 2365 | 34152000 |
| COUPLER,POLAR-PATH | NAVIGATION,707-131 | AIR | 1500P | | | | 65 | 2364 | 34154000 |
| COUPLER,POLAR-PATH | NAVIGATION,331C/373C | AIR | 1500P | | | | 66 | 2360 | 34156000 |
| COUPLER,POLAR-PATH | NAVIGATION,331C/373C | AIR | 1630P | | | | 65 | 2360 | 34158000 |
| COUPLER,POLAR-PATH | NAVIGATION,727 | AIR | 1680P | | | | 66 | 2360 | 34160000 |
| COUPLER,POLAR-PATH | NAVIGATION,727 | AIR | 1920P | | | | 65 | 2360 | 34162000 |
| COUPLER,POLAR-PATH | NAVIGATION,707-331 | AIR | 2020P | | | | 66 | 2364 | 34164000 |
| COUPLER,POLAR-PATH | NAVIGATION,880 | AIR | 2090P | | | | 65 | 2365 | 34166000 |
| COUPLER,POLAR-PATH | NAVIGATION,727 | AIR | 2250P | | | | 66 | 2365 | 34168000 |
| COUPLER,POLAR-PATH | NAVIGATION,880 | AIR | 2380P | | | | 65 | 2360 | 34170000 |
| COUPLER,SERIES,YAW-DAMPER | AUTO-FLIGHT,331C/373C | AIR | 1500P | | | | 66 | 2360 | 34172000 |
| COUPLER,SERIES-YAW-DAMPER | AUTO-PILOT,707-131B | AIR | 130P | | | | 66 | 2362 | 34174000 |
| COUPLER,SERIES-YAW-DAMPER | AUTO-PILOT,707-131B | AIR | 150P | | | | 66 | 2362 | 34176000 |

PART CLASS 911 MECHANISMS, POWER TRANSMITTAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .40 COUPLINGS | | | | | | | | | |
| COUPLER.SERIES-YAW-DAMPER | AUTO-PILOT.707-3318 | AIR | 440P | | | | 66 | 2342 | 34170000 |
| COUPLER.YAW-DAMPER | AUTO-FLIGHT.727 | AIR | 90P | | | | 66 | 2340 | 34180000 |
| COUPLER.YAW-DAMPER | AUTO-FLIGHT.727 | AIR | 280P | | | | 66 | 2340 | 34182000 |
| COUPLER.YAW-DAMPER | AUTO-PILOT.727 | AIR | 320P | | | | 66 | 2340 | 34184000 |
| COUPLER.YAW-DAMPER | AUTO-PILOT.727 | AIR | 400P | | | | 66 | 2340 | 34186000 |
| COUPLER.YAW-DAMPER | AUTO-PILOT.727 | AIR | 760P | | | | 66 | 2340 | 34188000 |
| COUPLER-ADF-ANT | NAVIGATION-707-1318 | AIR | 70P | | | | 65 | 2344 | 34190000 |
| COUPLER-ADF-ANT | NAVIGATION-707-1318 | AIR | 70P | | | | 66 | 2344 | 34192000 |
| COUPLER-ADF-ANT | NAVIGATION-707-131 | AIR | 110P | | | | 66 | 2344 | 34194000 |
| COUPLER-ADF-ANT | NAVIGATION-707-131 | AIR | 110P | | | | 66 | 2344 | 34196000 |
| COUPLER-ADF-ANT | NAVIGATION-707-131 | AIR | 140P | | | | 65 | 2344 | 34198000 |
| COUPLER-ADF-ANT | NAVIGATION-707-3318 | AIR | 210P | | | | 65 | 2344 | 34200000 |
| COUPLER-ADF-ANT | NAVIGATION-707-331 | AIR | 340P | | | | 66 | 2344 | 34202000 |
| COUPLER-ADF-ANT | NAVIGATION-707-3318 | AIR | 340P | | | | 66 | 2344 | 34204000 |
| COUPLERS | FIRE-DETECTION-SYSTEM | AIR | 16.7347 | 19.0402 | 7164 | 6.2146 | 67 | 1272 | 34296000 |
| COUPLERS | AUTO-PILOT.707-1318 | AIR | 230P | | | | 66 | 2361 | 34208000 |
| COUPLERS | AUTO-PILOT.707-1318 | AIR | 270P | | | | 65 | 2341 | 34210000 |
| COUPLERS | AUTO-PILOT.707-331 | AIR | 280P | | | | 66 | 2361 | 34212000 |
| COUPLERS | AUTO-PILOT.707-3318 | AIR | 280P | | | | 66 | 2361 | 34214000 |
| COUPLERS | AUTO-PILOT.707-3318 | AIR | 420P | | | | 66 | 2361 | 34216000 |
| COUPLERS.ADF-ANT | NAVIGATION.707-331 | AIR | 130P | | | | 65 | 2361 | 34218000 |
| COUPLERS.ADF-ANT | NAVIGATION.707-331 | AIR | 140P | | | | 66 | 2361 | 34220000 |
| COUPLERS.ADF-ANT | NAVIGATION.707-131 | AIR | 220P | | | | 66 | 2361 | 34222000 |
| COUPLERS.ADF-ANT | NAVIGATION.707-131 | AIR | 260P | | | | 65 | 2361 | 34224000 |
| COUPLERS.LINES.HOSE. HYDRAULIC | TRANSMISSION | HELI | 26.3157 | 102.36 | 120 | .038 | 66 | 1257 | 34226000 |
| COUPLERS.LINES.HOSE. HYDRAULIC | TRANSMISSION | HELI | 183.776 | 227.419 | 120 | .1038 | 66 | 1257 | 34228000 |
| COUPLERS.MACHINE-TRIM | | | | | | | | | |
| COUPLERS,POLAR-PATH | NAVIGATION.707-3318 | AIR | 384.024 | 712.342 | | .01302 | 66 | 2133 | 34230000 |
| COUPLERS.POLAR-PATH | NAVIGATION.707-1318 | AIR | 280P | | | | 66 | 2361 | 34232000 |
| COUPLERS.POLAR-PATH | NAVIGATION.707-131 | AIR | 400P | | | | 66 | 2361 | 34234000 |
| COUPLERS.POLAR-PATH | NAVIGATION.707-1318 | AIR | 460P | | | | 66 | 2361 | 34236000 |
| COUPLERS.POLAR-PATH | NAVIGATION.707-1318 | AIR | 530P | | | | 65 | 2361 | 34238000 |
| COUPLERS.POLAR-PATH | NAVIGATION.707-3318 | AIR | 600P | | | | 66 | 2361 | 34240000 |
| COUPLERS.POLAR-PATH | NAVIGATION.707-131 | AIR | 620P | | | | 66 | 2341 | 34242000 |
| COUPLERS.POLAR-PATH | NAVIGATION.707-331 | AIR | 650P | | | | 65 | 2361 | 34244000 |
| COUPLERS.POLAR-PATH | NAVIGATION.707-331 | AIR | 660P | | | | 66 | 2361 | 34246000 |
| COUPLERS.POLAR-PATH | NAVIGATION.707-3318 | AIR | 770P | | | | 65 | 2361 | 34248000 |
| COUPLERS.POLAR-PATH | NAVIGATION.707-131 | AIR | 850P | | | | 65 | 2361 | 34250000 |
| COUPLERS.POLAR-PATH | NAVIGATION.707-331 | AIR | 890P | | | | 66 | 2361 | 34252000 |
| COUPLERS.SERIES-YAW-DAMPER | AUTO-PILOT.707-3318 | AIR | 1390P | | | | 66 | 2361 | 34254000 |
| COUPLERS.SERIES-YAW-DAMPER | AUTO-PILOT.707-1318 | AIR | 130P | | | | 66 | 2364 | 34256000 |
| COUPLERS.SERIES-YAW-DAMPER | AUTO-PILOT.707-3318 | AIR | 130P | | | | 66 | 2364 | 34258000 |
| COUPLERS.SERIES-YAW-DAMPER | AUTO-PILOT.707-3318 | AIR | 680P | | | | 66 | 2364 | 34260000 |
| | | AIR | 1360P | | | | 66 | 2364 | 34262000 |

PART CLASS 511 MECHANISMS, POWER TRANSMITTAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .4( COUPLINGS | | | | | | | | | |
| COUPLERS.UNIVERSAL | WING-FLAP-SYSTEM | AIR | * | 2.23988 | 1990 | 1.028 | 66 | 1250 | 34264000 |
| COUPLERS.UNIVERSAL. GEARBOX-END | | AIR | 434.688 | 461.876 | 1194 | 1.0357 | 67 | 1272 | 34266000 |
| COUPLERS.UNIVERSAL. GEARBOX-END | | AIR | 537.8 | 568.148 | 1194 | 1.0357 | 67 | 1272 | 34268000A |
| COUPLERS.YAW.DAMPER | AUTO.FLIGHT | AIR | 310 | | | | 66 | 2380 | 34270000 |
| FLANGED-SINGLE-POINT-REFUEL | | AIR | * | 9.07178 | 200 | .25382 | 65 | 1198 | 34272000 |
| HF-ANTENNA | HF-COMMUNICATIONS.8-72C | AIR | 710 | | | | 66 | 2380 | 34274000 |
| PIPE | | | .7978720 | 1.7768C | | 3.76C | 62 | 2230 | 34276000 |
| PNEUMATIC | | AIR | 1.36054 | 5.2921 | | .735 | 59 | 1123 | 34278000 |
| POLAR-PATH | NAVIGATION.331C/373C | AIR | 540P | | | | 66 | 2363 | 34280000 |
| POLAR-PATH | NAVIGATION.727 | AIR | 850P | | | | 65 | 2363 | 34282000 |
| POLAR-PATH | NAVIGATION.727 | AIR | 870P | | | | 66 | 2363 | 34284000 |
| POLAR-PATH | NAVIGATION.727 | AIR | 1060P | | | | 66 | 2363 | 34286000 |
| POLAR-PATH | NAVIGATION.331C/373C | AIR | 1620P | | | | 65 | 2363 | 34288000 |
| POLAR-PATH | NAVIGATION.88C | AIR | 1670P | | | | 66 | 2363 | 34290000 |
| POLAR-PATH | NAVIGATION.331C/373C | AIR | 1780P | | | | 66 | 2363 | 34292000 |
| POLAR-PATH | NAVIGATION.88C | AIR | 1800P | | | | 65 | 2363 | 34294000 |
| POLAR-PATH | NAVIGATION.88C | AIR | 1970P | | | | 66 | 2363 | 34296000 |
| QUICK-DISC.LINE.C/ | | GRD | * | 3.73962 | 1632 | .84048 | 65 | 1125 | 34298000 |
| QUICK-DISCONNECT | | AIR | * | 2302.6C | 6 | .001C | 62 | 1070 | 34300000 |
| QUICK-DISCONNECT | LOX.SUPPLY-LINE-FROM-CONVERTER | AIR | 174.394 | 242.163 | | .09748 | 66 | 1241 | 34302000 |
| QUICK-DISCONNECT | | LAB | 182.815 | 711.096 | 85 | .00547 | 62 | 1085 | 34304000 |
| QUICK-DISCONNECT.4-DRIVER | | GRD | * | 11.5859 | | .19874 | 63 | 1113 | 34306000 |
| QUICK-DISCONNECT.GAS | | AIR | 146.198 | 568.569 | 103 | .00684 | 63 | 1123 | 34308000 |
| QUICK-DISCONNECT.LIQ-OXYGEN | | AIR | 103.773 | 156.586 | | .106 | 59 | 1070 | 34310000 |
| QUICK-DISCONNECT..IQUID | | AIR | 677.966 | 1190.06 | 133 | .00885 | 63 | 1125 | 34312000 |
| RIGIL | | LAB | .025 | | | | 63 | 1138 | 34314000 |
| ROTARY | | LAB | .025 | | | | 63 | 1138 | 34316000 |
| SAFETY | TORQUEMETER | AIR | 1.947 | 7.57325 | 528 | .51361 | 65 | 1201 | 34318000 |
| SAFETY | REDUCTION-GEAR | AIR | 3.58159 | 9.53116 | 708 | .55641 | 65 | 1201 | 34320000 |
| UNIVERSAL | WING-FLAP-SYSTEM | AIR | 1.61812 | 6.29401 | 1200 | .618 | 65 | 1227 | 34322000 |
| UNIVERSAL.ENGINE-END | | AIR | 724.389 | 813.92 | 812 | .17532 | 64 | 1179 | 34324000 |
| UNIVERSAL.ENGINE-END | ACC-DR | AIR | 975.759 | 1064.94 | 946 | .22854 | 65 | 1228 | 34326000 |
| UNIVERSAL.GEARBOX-END | ACC-DR | AIR | 284.414 | 335.179 | 946 | .22854 | 65 | 1228 | 34328000 |
| UNIVERSAL.GEARBOX-END | | AIR | 507.643 | 583.801 | 812 | .17532 | 64 | 1179 | 34330000 |
| YAW-DAMP | AUTO-PILOT.727 | AIR | 120P | | | | 66 | 2363 | 34332000 |
| YAW-DAMP | AUTO-PILOT.727 | AIR | 340P | | | | 65 | 2363 | 34334000 |
| YAW-DAMP | AUTO-PILOT.727 | AIR | 870P | | | | 66 | 2363 | 34336000 |
| 3100 RPM.4000-LB-INCH-TORQUE.4-DEGREE-GEAR-TYPE | TAIL-ROTOR-DRIVE | HELI | 136.666 | 156.579 | 720 | .18 | 65 | 1215 | 34338000 |
| 40DEG.V-BAND.STEEL | | AIR | 20.8768 | 46.4913 | 946 | .1437 | 66 | 1240 | 34340000A |

PART CLASS .81 MECHANISMS, POWER TRANSMITTAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SOURCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .80 CLUTCHES | | | | | | | | | |
| | (STORAGE) | NSL | .00005 | | | | 65 | 2440 | 34342000 |
| | | LAB | .04 | | | | 63 | 1138 | 34344000 |
| | | GRD | 10.8819 | 28.9585 | | .18379 | 66 | 2F | 34346000 |
| | INSTRUMENT-SERVO | AIR GND | 14.4404 | 28.8575 | | .277 | 57 | 2L2 | 34348000 |
| | | GEN | 25 | | | | 62 | 1078 | 34350000 |
| | | LAB | 34 | | | | 61 | 1071 | 34352000 |
| | | | 34 | | | | 59 | 2L4 | 34354000 |
| | INSTRUMENT-SERVO | NSL | 166.666 | 309.156 | | .03 | 58 | 2L2 | 34356000 |
| CLUTCHES | CONSTANT-SPEED-DRIVE.ACCESSORY. BASIC-ENGINE | AIR | 0 | 13.9975 | 304 | .1645 | 66 | 1258 | 343580004 |
| CLUTCHES | STARTER.AUXILIARY-POWER-UNIT | AIR | 0 | 55.9834 | 76 | .04113 | 66 | 1258 | 343600004 |
| CLUTCHES | BRAKE.MAGNETIC | SHP | .502715 | .932506 | 172 | 9.946 | 66 | 1261 | 343620004 |
| CLUTCHES | BRAKE.MAGNETIC | SHP | 5.6538 | 8.6798 | 28 | 1.775 | 66 | 1261 | 343640004 |
| CLUTCHES.SLIP | | AIR | 5.07614 | 19.7446 | 1066 | .197 | 66 | 1253 | 34366000 |
| FRICTION.SLIP | | AIR | 20.4 | | | | 57 | 2L1 | 34368000 |
| MAGNETIC | AUTOMATIC-FLIGHT-CONTROL | AIR | 2.4 | | | | 57 | 2001 | 34370000 |
| MAGNETIC | BOMBING/NAVIGATION-EQUIPMENT | AIR | 16 | | | | 54 | 2001 | 34372000 |
| MAGNETIC | | AIR | 21.3 | | | | 57 | 2L1 | 34374000 |
| MAGNETIC | BOMBING/NAVIGATION-EQUIPMENT | AIR | 22 | | | .799 | 55 | 2001 | 34376000 |
| MAGNETIC | AUTOMATIC-FLIGHT-CONTROL | AIR | 31 | | | | 56 | 2001 | 34378000 |
| MAGNETIC | | AIR | 43.6 | | | | 57 | 2L1 | 34380000 |
| MAGNETIC | BOMBING/NAVIGATION-EQUIPMENT | AIR | 50 | | | .212 | 57 | 2001 | 34382000 |
| MAGNETIC | BOMBING/NAVIGATION-EQUIPMENT | AIR | 60 | | | .031 | 58 | 2001 | 34384000 |
| MAGNETIC | | GRD | 60 | | | | 57 | 2L1 | 34386000 |
| MAGNETIC | | AIR | 94 | | | | 57 | 2L1 | 34388000 |
| MAGNETIC | BOMBING/NAVIGATION-EQUIPMENT | AIR | 95 | | | | 54 | 2001 | 34390000 |
| MAGNETIC | | AIR | 2510 | | | | 57 | 2L1 | 34392000 |
| SLIP | | AIR | 5.06816 | 19.7136 | | .19731 | 65 | 2L2 | 34394000 |
| SLIP | | AIR GND | 5.69105 | 7.03802 | | 3.69 | 57 | 2L2 | 34396000 |
| SLIP | | AIR GND | 598.13 | 705.817 | | .107 | 58 | 2L2 | 34398000 |
| .82 DIFFERENTIAL | | | | | | | | | |
| | | AIR | .04 | | | | 63 | 1138 | 34400000 |
| | | AIR | 4.1 | | | | 57 | 2L1 | 34402000 |
| | SPOILER/AIRBRAKE-CONTROL | AIR | 41.8848 | 111.461 | 124 | .04775 | 63 | 1111 | 34404000 |

SECTION I FAILURE RATE DATA

PART CLASS 521 MIXERS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| HYDRAULIC | FLIGHT-CONTROL | AIR | 133.333 | 266.451 | 120 | .03 | 65 | 12:5 | 34406000 |

PART CLASS 327 MODULATORS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .03 N.R.C. | | | | | | | | | |
| RF-POWER-UNIT | COMMUNICATIONS.707-3,18 | AIR | 70P | | | | 66 | 2361 | 34405000 |
| RF-POWER-UNIT | COMMUNICATIONS.707-331 | AIR | 135P | | | | 66 | 2361 | 34410000 |
| RF-POWER-UNIT | COMMUNICATIONS.707-331B | AIR | 17?P | | | | 65 | 2361 | 34412000 |
| RF-POWER-UNIT | COMMUNICATIONS.707-331 | AIR | 35?P | | | | 65 | 2361 | 34414000 |
| HYDRAULIC | LANDING-GEAR | AIR | 376.928 | 251.148 | 50 | .08478 | 63 | 1198 | 34416000 |
| HYDRAULIC | LANDING-GEAR | AIR | 20? | 283.898 | 50 | .075 | 63 | 1114 | 34418000 |
| POWER | RF-COMMUNICATIONS.DC-6 | AIR | 7? | | | | 66 | 2380 | 34420000 |

PART CLASS 332 MOTORS AND MOTOR GENERATORS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 DYNAMOTOR | | | | | | | | | |
| DYNAMOTORS | | AIR | * | 14.1263 | | .163 | 61 | 1083 | 34422700 |
| DYNAMOTORS | | AIR | * | 20.0226 | | .115 | 61 | 1084 | 34424000 |
| DYNAMOTORS | | LAB | 2.8 | | | | 63 | 1138 | 34426000 |
| DYNAMOTORS | INTERCOM.AN/AIC-10.DY-77 | AIR | 94.1563 | 132.403 | 100 | .16957 | 63 | 1198 | 34428000 |
| DYNAMOTORS | INTERCOM.AN/AIC-10 | AIR | 107.382 | 150.681 | 100 | .149 | 63 | 1114 | 34430000 |
| DYNAMOTORS | AN/ARC-38-HF-COMMUNICATION-SYSTEM | AIR | 134.228 | 192.981 | 63 | .1043 | 64 | 1140 | 34432000 |
| DYNAMOTORS | | AIR | 140 | | | | 61 | 1068 | 34434000 |
| DYNAMOTORS | | AIR | 166.666 | 251.487 | | .066 | 62 | 2240 | 34436000 |
| DYNAMOTORS | | AIR | 174 | | | | 57 | 2L1 | 34438000 |
| DYNAMOTORS | DY-150/ARN | HELI | 185.185 | 720.314 | 20 | .0054 | 66 | 1257 | 34440000 |
| DYNAMOTORS | VHF-NAVIGATION-SYSTEM. AN/ARN-14.DY-66/84 | AIR | 253.333 | 345.367 | 50 | .079 | 63 | 1114 | 34442000 |
| DYNAMOTORS | | MSL | 280 | | | | 61 | 2L2 | 34444000 |
| DYNAMOTORS | | | 280 | | | | 57 | 2L1 | 34446000 |
| DYNAMOTORS | DY193/ARC-34 | AIR | 541.666 | 789.914 | 62 | .024 | 63 | 1111 | 34448000 |
| DYNAMOTORS | | GRD | 909 | | | | 57 | 2L1 | 34450000 |
| DYNAMOTORS | | MSL | 1600 | 3889.7 | | .001 | 57 | 2L2 | 34452000 |
| DYNAMOTORS | | AIR | 1523.8 | 1930.6 | | .021 | 61 | 1082 | 34454000 |
| DYNAMOTORS | DY64/ARN-14 | AIR | 3166.66 | 3932.22 | 31 | .012 | 63 | 1111 | 34456000 |
| DYNAMOTORS | | AIR GND | 3830 | | | | 57 | 2L1 | 34458000 |
| DYNAMOTORS.AN/ARC-27 | | AIR | 141.263 | 164.302 | | .538 | 63 | 1114 | 34460000 |
| FLAP-DRIVE-HYDRAULIC | FLIGHT-CONTROL.727 | AIR | 110P | | | | 66 | 2363 | 34462000 |
| FLAP-DRIVE-HYDRAULIC | FLIGHT-CONTROL.727 | AIR | 340P | | | | 66 | 2363 | 34464000 |
| GENERAL | | | .15 | | | | U | 2001 | 34466000 |
| GENERAL | | | .625 | | | | U | 2001 | 34468000 |
| GENERAL | RADAR | GRD | 3.1 | | | | U | 2001 | 34470000 |
| GENERAL | DIGITAL | GRD | 3.2 | | | .603 | 60 | 2001 | 34472000 |
| GENERAL | RADIO | GRD | 3.6 | | | .769 | 57 | 2001 | 34474000 |
| GENERAL | GENERAL | SHP | 4 | | | | U | 2001 | 34476000 |
| GENERAL | RADIO | GRD | 5.5 | | | 2.2 | U | 2001 | 34478000 |
| GENERAL | RADAR | GRD | 5.5 | | | 2.2 | U | 2001 | 34480000 |
| GENERAL | FIRE-CONTROL | AIR | 5.8 | | | .682 | 57 | 2001 | 34482000 |
| GENERAL | | | 5.8 | | | | U | 2001 | 34484000 |
| GENERAL | RADAR | GRD | 12 | | | 2.766 | 57 | 2001 | 34486000 |
| GENERAL | RADAR | AIR | 15 | | | 6.42 | 57 | 2001 | 34488000 |
| GENERAL | BOMBING/NAVIGATION-EQUIPMENT | AIR | 16 | | | | 54 | 2001 | 34490000 |
| GENERAL | RADIO | AIR | 22 | | | 2.6 | 56 | 2001 | 34492000 |
| GENERAL | RADIO | GRD | 22 | | | | U | 2001 | 34494000 |
| GENERAL | BOMBING/NAVIGATION-EQUIPMENT | AIR | 23 | | | 5.06 | 55 | 2001 | 34496000 |
| GENERAL | RADIO | GRD | 30 | | | | 57 | 2001 | 34498000 |
| GENERAL | BOMBING/NAVIGATION-EQUIPMENT | AIR | 35 | | | | 54 | 2001 | 34500000 |
| GENERAL | RADAR | AIR | 39 | | | .173 | U | 2001 | 34502000 |
| GENERAL | RADAR | SHP | 42 | | | .42 | 58 | 2001 | 34504000 |
| GENERAL | RADAR | AIR | 55 | | | .626 | 57 | 2001 | 34506000 |
| GENERAL | GENERAL | AIR | 56 | | | .054 | 58 | 2001 | 34508000 |

PART CLASS 332 MOTORS AND MOTOR GENERATORS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .OC OYNAMOTOR | | | | | | | | | |
| GENERAL | FIRE-CONTROL | AIR | 70 | | | .077 | 56 | 2001 | 34510000 |
| GENERAL | RADAR | AIR | 95 | | | .126 | U | 2001 | 34512000 |
| GENERAL | RADAR | AIR | 110 | | | .319 | 57 | 2001 | 34514000 |
| GENERAL | | | 140 | | | | U | 2001 | 34516000 |
| GENERAL | GENERAL | AIR | 170 | | | | U | 2001 | 34518000 |
| GENERAL | RADIO | AIR | 180 | | | .284 | 55 | 2001 | 34520000 |
| GENERAL | RADIO | AIR | 190 | | | .228 | 56 | 2001 | 34522000 |
| GENERAL | FIRE-CONTROL | AIR | 200 | | | .11 | 58 | 2001 | 34524000 |
| GENERAL | AUTOMATIC-FLIGHT-CONTROL | AIR | 280 | | | | U | 2001 | 34526000 |
| GENERAL | GENERAL | AIR | 330 | | | .003 | U | 2001 | 34528000 |
| GENERAL | GENERAL | AIR | 550 | | | .004 | 58 | 2001 | 34530000 |
| GENERAL | FIRE-CONTROL | AIR | 720 | | | | U | 2001 | 34532000 |
| GENERAL | BOMBING/NAVIGATION-EQUIPMENT | AIR | 900 | | | .005 | 57 | 2001 | 34534000 |
| GENERAL | GENERAL | AIR | 1670 | | | | U | 2001 | 34536000 |
| GENERAL.AC | | | .3 | | | | U | 2001 | 34538000 |
| GENERAL.AC | GENERAL | SHP | 1 | | | | U | 2001 | 34540000 |
| GENERAL.AC | GENERAL | AIR | 23 | | | | U | 2001 | 34542000 |
| GENERAL.AC | | | 30 | | | | U | 2001 | 34544000 |
| GENERAL.BLOWER | | | .2 | | | | U | 2001 | 34546000 |
| GENERAL.BLOWER | | | 3 | | | | U | 2001 | 34548000 |
| GENERAL.BLOWER | | | 30 | | | | U | 2001 | 34550000 |
| GENERAL.DC | GENERAL | SHP | 13 | | | | U | 2001 | 34552000 |
| GENERAL.DC | | | 50 | | | | U | 2001 | 34554000 |
| GENERAL.DC | GENERAL | AIR | 59 | | | | U | 2001 | 34556000 |
| MOTOR | ASTRO-TRACKER-SUBSYSTEM | AIR | 88.7536 | 149.244 | 10 | .07887 | 62 | 2322 | 34558000 |
| MOTOR | FLIGHT-CONTROL-SYSTEM | AIR | 101.62 | 138.538 | 15 | .18697 | 62 | 2323 | 34560000 |
| MOTOR | STABILIZATION-SUBSYSTEM | AIR | 129.835 | 149.434 | 32 | .57778 | 62 | 2322 | 34562000 |
| MOTOR | SEARCH-RADAR-SUBSYSTEM | AIR | 133.325 | 176.53 | 16 | .17251 | 62 | 2322 | 34564000 |
| MOTOR | NAVIGATION-SUBSYSTEM | AIR | 172.806 | 187.425 | 64 | 1.4530 | 62 | 2322 | 34566000 |
| MOTOR | COMMAND-SUBSYSTEM-RADIO-SET-AN/ARC-57 | AIR | 420.609 | 840.541 | 1 | .00551 | 62 | 2321 | 34568000 |
| MOTOR | RADIO-ALTIMETER-SUBSYSTEM | AIR | 568.181 | 896.843 | 3 | .01584 | 62 | 2322 | 34570000 |
| MOTOR.ALT-FLAP-DRIVE-UNIT | FLIGHT-CONTROLS.727 | AIR | 270P | | | | 65 | 2360 | 34572000 |
| MOTOR.ATTITUDE-WARNING | NAVIGATION.707-131B | AIR | 150P | | | | 66 | 2362 | 34574000 |
| MOTOR.COMPUTATOR.1/8RPS | INSTRUMENTATION | LAB | * | 38376.6 | 4 | .00006 | 61 | 2600 | 34576000 |
| MOTOR.COMMUTATOR.2.5RPS | INSTRUMENTATION | MSL | 4545.45 | 17680.4 | 12 | .00022 | 61 | 2600 | 34578000 |
| MOTOR.COMMUTATOR.30RPS | INSTRUMENTATION | LAB | * | 28782.5 | 3 | .00008 | 61 | 2600 | 34580000 |
| MOTOR.COMMUTATOR.5RPS | INSTRUMENTATION | LAB | * | 19188.3 | 7 | .00012 | 61 | 2600 | 34582000 |
| MOTOR.CORRECTOR.PROPELLER | | AIR | 200P | | | | 65 | 2330 | 34584000 |
| MOTOR.FLAP-ACTUATOR | | AIR | 500P | | | | 55 | 2339 | 34586000 |
| MOTOR.FLAP-DRIVE-HYDRAULIC | FLIGHT-CONTROLS.727 | AIR | 90P | | | | 66 | 2360 | 34588000 |
| MOTOR.OVEN-BLOWER | EQUIPMENT/FURNISHINGS.707-131 | AIR | 60P | | | | 66 | 2362 | 34590000 |
| MOTOR.OVEN-BLOWER | EQUIPMENT/FURNISHINGS.707-331 | AIR | 170P | | | | 65 | 2362 | 34592000 |
| MOTOR.OVEN-BLOWER | EQUIPMENT/FURNISHINGS.707-331 | AIR | 170P | | | | 66 | 2362 | 34594000 |
| MOTOR.OVEN-BLOWER | EQUIPMENT/FURNISHINGS.707-131 | AIR | 38CP | | | | 65 | 2362 | 34596000 |

PART CLASS 12. MOTORS AND MOTOR GENERATORS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF DATA KPT | YR OF DATA SRCE | CHG IX INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .75 TYNAMOTOR | | | | | | | | | |
| MOTOR.PUMP | | QUAL TEST | * | 52.2357 | | .026 | 58 | 212 | 3449 |
| MOTOR.STABILIZER-DRIVE | FLIGHT-CONTROLS.880 | AIR | 15CP | | | | 66 | 2360 | 3460 |
| MOTOR.STABILIZER-DRIVE | FLIGHT-CONTROLS.880 | AIR | 16CP | | | | 65 | 2360 | 3461 |
| MOTOR.STABILIZER-DRIVE | FLIGHT-CONTROLS.880 | AIR | 30CP | | | | 66 | 2365 | 346 |
| MOTOR.STABILIZER-DRIVE | FLIGHT-CONTROLS.880 | AIR | 43CP | | | | 66 | 2365 | 3466 |
| MOTOR.STABILIZER-DRIVE | FLIGHT-CONTROLS.880 | AIR | 47CP | | | | 66 | 2365 | 3466 |
| MOTOR.STABILIZER-DRIVE | FLIGHT-CONTROLS.880 | AIR | 96CP | | | | 65 | 2365 | 3461 |
| MOTOR.VEE-GEN | | AIR GND | 18.5378 | 26.0127 | | .8631 | 66 | 216 | 3461 |
| MOTOR.WINDSHIELD-WIPER | ICE-AND-RAIN-PROTECTION.727-1318 | AIR | 7CP | | | | 66 | 2364 | 3461 |
| MOTOR.WINDSHIELD-WIPER | ICE-AND-RAIN-PROTECTION.727-1318 | AIR | 7CP | | | | 66 | 2364 | 3461 |
| MOTOR.WINDSHIELD-WIPER | ICE-AND-RAIN-PROTECTION.727 | AIR | 9CP | | | | 66 | 2363 | 3461 |
| MOTOR.WINDSHIELD-WIPER | ICE-AND-RAIN-PROTECTION.727-3318 | AIR | 9CP | | | | 66 | 2364 | 3461 |
| MOTOR.WINDSHIELD-WIPER | ICE-AND-RAIN-PROTECTION.727-3318 | AIR | 11CP | | | | 66 | 2365 | 3461 |
| MOTOR.WINDSHIELD-WIPER | ICE-AND-RAIN-PROTECTION.727-131 | AIR | 11CP | | | | 66 | 2367 | 3462 |
| MOTOR.WINDSHIELD-WIPER | ICE-AND-RAIN-PROTECTION.727-1318 | AIR | 14CP | | | | 65 | 2364 | 3462 |
| MOTOR.WINDSHIELD-WIPER | ICE-AND-RAIN-PROTECTION.727 | AIR | 14CP | | | | 65 | 2363 | 3462 |
| MOTOR.WINDSHIELD-WIPER | ICE-AND-RAIN-PROTECTION.727-3318 | AIR | 14CP | | | | 66 | 2363 | 3462 |
| MOTOR.WINDSHIELD-WIPER | ICE-AND-RAIN-PROTECTION.727 | AIR | 15CP | | | | 65 | 2365 | 3462 |
| MOTOR.WINDSHIELD-WIPER | ICE-AND-RAIN-PROTECTION.727-331 | AIR | 16CP | | | | 66 | 2364 | 3462 |
| MOTOR.WINDSHIELD-WIPER | ICE-AND-RAIN-PROTECTION.727 | AIR | 18CP | | | | 66 | 2363 | 3462 |
| MOTOR.WINDSHIELD-WIPER | ICE-AND-RAIN-PROTECTION.727-131 | AIR | 22CP | | | | 66 | 2364 | 3463 |
| MOTOR.WINDSHIELD-WIPER | ICE-AND-RAIN-PROTECTION.331C/373C | AIR | 24CP | | | | 65 | 2365 | 3464 |
| MOTOR.WINDSHIELD-WIPER | ICE-AND-RAIN-PROTECTION.331C/373C | AIR | 25CP | | | | 66 | 2365 | 3464 |
| MOTOR.WINDSHIELD-WIPER | ICE-AND-RAIN-PROTECTION.331C/373C | AIR | 25CP | | | | 66 | 2365 | 3464 |
| MOTOR.WINDSHIELD-WIPER | ICE-AND-RAIN-PROTECTION.727 | AIR | 30CP | | | | 66 | 2365 | 3464 |
| MOTOR.WINDSHIELD-WIPER | ICE-AND-RAIN-PROTECTION.727-1 | AIR | 30CP | | | | 65 | 2362 | 3464 |
| MOTOR.WINDSHIELD-WIPER | ICE-AND-RAIN-PROTECTION.727-1318 | AIR | 32CP | | | | 65 | 2362 | 3465 |
| MOTOR.WINDSHIELD-WIPER | ICE-AND-RAIN-PROTECTION.727-131 | AIR | 41CP | | | | 65 | 2364 | 3465 |
| MOTOR.WINDSHIELD-WIPER | ICE-AND-RAIN-PROTECTION.727 | AIR | 43CP | | | | 66 | 2365 | 3465 |
| MOTOR.WINDSHIELD-WIPER | ICE-AND-RAIN-PROTECTION.331C/373C | AIR | 75CP | | | | 66 | 2360 | 3465 |
| MOTOR-GENERATORS | | SHP | * | | | | 65 | 2410 | 3465 |
| MOTOR-GENERATORS | | AIR | * | 287.825 | 4 | .008 | 62 | 1093 | 3466 |
| MOTOR-GENERATORS | CONVERTER.AIR-DATA-COMPUTER | SIM GRD AIR | * | 54.4092 | 195 | .04232 | 64 | 1181 | 3466 |
| MOTOR-GENERATORS | | AIR | * | 35.9781 | | .064 | 61 | 1066 | 3466 |
| MOTOR-GENERATORS | | AIR | * | 575.65 | 2 | .004 | 62 | 1093 | 3466 |
| MOTOR-GENERATORS | | AIR | * | 255.844 | 2 | .009 | 62 | 1093 | 3466 |
| MOTOR-GENERATORS | | GRD | * | 1813.07 | | .00127 | 64 | 1180 | 3467 |
| MOTOR-GENERATORS | | AIR | * | 100.113 | 4 | .023 | 62 | 1093 | 3467 |
| MOTOR-GENERATORS | | AIR | * | 17.577 | 6 | .131 | 62 | 1099 | 3467 |
| MOTOR-GENERATORS | | AIR | * | 328.942 | 4 | .007 | 62 | 1099 | 3467 |
| MOTOR-GENERATORS | | AIR | * | 287.825 | 1 | .003 | 62 | 1099 | 3467 |
| MOTOR-GENERATORS | | | .209644 | .367958 | | 26.62 | 64 | 2298 | 3468 |
| MOTOR-GENERATORS | | AIR | 8.84955 | 34.4221 | | .113 | 61 | 1066 | 3468 |
| MOTOR-GENERATORS | | AIR | 14.4927 | 56.3724 | 16 | .069 | 62 | 1093 | 3468 |
| MOTOR-GENERATORS | | AIR | 17.2413 | 67.0637 | 4 | .058 | 62 | 1099 | 3468 |

PART CLASS 332 MOTORS AND MOTOR GENERATORS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 DYNAMOTOR | | | | | | | | | |
| MOTOR-GENERATORS | | SIM AIR | 10.1012 | 38.1717 | 736 | .20941 | 65 | 1195 | 34685000A |
| MOTOR-GENERATORS | | AIR | 35.7142 | 136.917 | 2 | .828 | 62 | 1099 | 34690000 |
| MOTOR-GENERATORS | | AIR | 52.6315 | 204.721 | 4 | .019 | 62 | 1093 | 34692000 |
| MOTOR-GENERATORS | | SIM AIR | 86.2217 | 159.936 | 56 | .05799 | 64 | 1150 | 34694000A |
| MOTOR-GENERATORS | | SIM AIR | 106.157 | 412.919 | 18 | .00942 | 64 | 1151 | 34696000A |
| MOTOR-GENERATORS | | AIR | 120.098 | 149.218 | 40 | .408 | 62 | 1099 | 34698000 |
| MOTOR-GENERATORS | | AIR | 123.7 | | | | 61 | 2L10 | 34700000 |
| MOTOR-GENERATORS | | SIM AIR | 135.135 | 250.667 | | .037 | 63 | 1103 | 34702000A |
| MOTOR-GENERATORS | | AIR | 181.818 | 493.845 | 3 | .011 | 62 | 1093 | 34704000 |
| MOTOR-GENERATORS | | AIR | 200 | 777.94 | 40 | .005 | 62 | 1093 | 34706000 |
| MOTOR-GENERATORS | | AIR | 265.336 | 322.403 | 23 | .177 | 62 | 1099 | 34708000 |
| MOTOR-GENERATORS | | AIR | 714.3 | | | | 57 | 2L1 | 34710000 |
| MOTOR-GENERATORS. 400CPS.MOBILE-UNIT | | GRD | 5000 | 6246.95 | | .0072 | 62 | 1141 | 34712000 |
| MOTOR-OVEN-BLOWER | EQUIPMENT/FURNISHINGS.880 | AIR | 40P | | | | 66 | 2365 | 34714000 |
| MOTOR-OVEN-BLOWER | EQUIPMENT/FURNISHINGS.880 | AIR | 40P | | | | 65 | 2365 | 34716000 |
| MOTOR-OVEN-BLOWER | EQUIPMENT/FURNISHINGS.880 | AIR | 40P | | | | 64 | 2365 | 34718000 |
| MOTOR-OVEN-BLOWER | EQUIPMENT-FURNISHINGS.88C | AIR | 80P | | | | 66 | 2363 | 34720000 |
| MOTOR-WINDSHIELD-WIPER | ICE-AND-RAIN-PROTECTION.331C/373C | AIR | 280P | | | | 65 | 2363 | 34722000 |
| MOTOR-WINDSHIELD-WIPER | ICE-AND-RAIN-PROTECTION.727 | AIR | 350P | | | | 64 | 2363 | 34724000 |
| MOTOR-WINDSHIELD-WIPER | ICE-AND-RAIN-PROTECTION.727 | AIR | 540P | | | | 66 | 2363 | 34726000 |
| MOTOR-WINDSHIELD-WIPER | ICE-AND-RAIN-PROTECTION.727 | AIR | 850P | | | | 65 | 2363 | 34728000 |
| MOTORS | ANGLE-POSITION.TOSS-BOMB-COMPUTER | SIM GRD AIR | * | 115.13 | 139 | .02 | 63 | 1117 | 34730000 |
| MOTORS | | AIR | * | 460.52 | 9 | .005 | 62 | 1093 | 34732000 |
| MOTORS | ACTUATOR.DOOR.HYDRAULIC.PETAL (STORAGE) | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 34734000 |
| MOTORS | | | * | 15.6619 | | .14892 | 63 | 2L1 | 34736000 |
| MOTORS | COOLING.TRANSMITTER.ALT-68 | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 34738000 |
| MOTORS | PITCH-TRIM-ACTUATOR | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 34740000 |
| MOTORS | ANGLE-A-DRIVE.RADAR | SIM GRD AIR | * | 82.9765 | 195 | .02775 | 64 | 1181 | 34742000A |
| MOTORS | POWER-UNIT.PROPELLER.AIRCRAFT | GRD | * | .699092 | 40 | 3.2937 | 64 | 1191 | 34744000 |
| MOTORS | | GRD | * | 90.4535 | 968 | .0254 | 61 | 1069 | 34746000A |
| MOTORS | CHAIN-RETRACT.BOMB-NAVIGATION-SYSTEM | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 34748000 |
| MOTORS | TOSS-BOMB-COMPUTER | SIM GRD AIR | * | 115.13 | 139 | .02 | 63 | 1117 | 34750000 |
| MOTORS | PUMP.SUCTION-BOOST. NO-2-HYDRAULIC-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 34752000 |
| MOTORS | | GRD | * | 1.48018 | | 1.61 | 57 | 2L2 | 34754000 |
| MOTORS | TIME/RANGE-DRIVE-ASSEMBLY.RADAR | SIM GRD AIR | * | 82.9765 | 195 | .02775 | 64 | 1181 | 34756000A |
| MOTORS | PUMP.ELECT.NO-3-HYDRAULIC-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 63 | 1227 | 34758000 |
| MOTORS | TIME/RANGE-DRIVE-ASSEMBLY. TOSS-BOMB-COMPUTER | SIM GRD AIR | * | 119.13 | 139 | .02 | 63 | 1117 | 34760000 |
| MOTORS | | AIR | * | 110.172 | 160 | .0209 | 62 | 1095 | 34762000 |
| MOTORS | | GRD | * | 33.371 | | .069 | 57 | 2L2 | 34764000 |
| MOTORS | ANGLE-POSITION.RADAR | AIR | * | 30.7013 | 13 | .075 | 62 | 1093 | 34766000 |
| MOTORS | PUMP.SUCTION.NO-1-HYDRAULIC-SYSTEM | SIM GRD AIR | * | 82.9765 | 195 | .02775 | 64 | 1181 | 34768000P |
| | | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 34770000 |

PART CLASS 332 MOTORS AND MOTOR GENERATORS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .LC DYNAMOTOR | | | | | | | | | |
| MOTORS | PUMP,SUCTION-BOOST,ELECT, NO-2-HYDRAULIC-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 34772000 |
| MOTORS | | AIR | * | 227.98 | 80 | .0101 | 62 | 1095 | 34774000 |
| MOTORS | | LAB | * | 46.052 | 5 | .05 | 63 | 1273 | 34776000A |
| MOTORS | ACTUATOR,DOOR,HYDRAULIC,PETAL | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 34778000A |
| MOTORS | | LAB | .15 | | | | 61 | 2L2 | 34780000 |
| MOTORS | | GRD | .151 | | | | 63 | 2M47 | 34782000 |
| MOTORS | BLOWER | LAB | .2 | | | | 63 | 1138 | 34784000 |
| MOTORS | | | .2 | | | | 62 | 2M22 | 34786000 |
| MOTORS | | LAB | .3 | | | | 63 | 1138 | 34788000 |
| MOTORS | | | .357 | | | | 62 | 2232 | 34790000 |
| MOTORS | | LAB | .43 | | | | 63 | 1138 | 34792000 |
| MOTORS | | GRD | 1.07526 | 2.39455 | | 2.79 | 57 | 2L2 | 34794000 |
| MOTORS | FSA-14-COMMUNICATION-CONSOLE | GRD | 2.02839 | 2.54254 | 986 | 17.295 | 63 | 1164 | 34796000 |
| MOTORS | | GRD | 2.084 | | | | 63 | 2M47 | 34798000 |
| MOTORS | | GRD | 2.11374 | 5.62498 | | .94619 | 66 | 2F | 34800000 |
| MOTORS | | GRD | 2.64 | | | | 63 | 2M47 | 34802000 |
| MOTORS | FRC-49-TRANSMITTER | GRD | 2.64285 | 3.29165 | 800 | 14 | 63 | 1164 | 34804000 |
| MOTORS | | GRD | 3.1 | | | | 61 | 2L2 | 34806000 |
| MOTORS | | GRD | 3.90117 | 8.68764 | | .769 | 57 | 2L2 | 34808000 |
| MOTORS | FAN | | 4.28954 | | | | 61 | 2218 | 34810000 |
| MOTORS | | GRD | 4.98318 | 13.2609 | 356 | .40135 | 64 | 1176 | 34812000 |
| MOTORS | | GRD | 5.44069 | 9.55032 | | 1.1028 | 66 | 2F | 34814000 |
| MOTORS | | GRD | 5.45454 | 8.08252 | | 2.20 | 61 | 2L2 | 34816000 |
| MOTORS | | GRN | 5.84 | | | | 61 | 2M1 | 34818000 |
| MOTORS | | GRD | 5.8651 | 11.7207 | | .682 | 57 | 2L2 | 34820000 |
| MOTORS | | GRD | 6.105 | 23.7466 | | .16380 | 66 | 2F | 34822000 |
| MOTORS | | GRD | 6.52912 | 11.4608 | | .91896 | 66 | 2F | 34824000 |
| MOTORS | | GRD | 6.67 | | | | 63 | 2M47 | 34826000 |
| MOTORS | FPS-19-RADAR | GRD | 6.67761 | 7.91253 | 522 | 9.135 | 63 | 1164 | 34828000 |
| MOTORS | | GRD | 6.78 | | | | 63 | 2M47 | 34830000 |
| MOTORS | | GRD | 6.894 | | | | 63 | 2M47 | 34832000 |
| MOTORS | FPS-23-AIRCRAFT-ALARM | GRD | 6.90205 | 7.69034 | 1217 | 21.298 | 63 | 1164 | 34834000 |
| MOTORS | | GRD | 7.029 | | | | 63 | 2M47 | 34836000 |
| MOTORS | | GRD | 9.47 | | | | 63 | 2240 | 34838000 |
| MOTORS | | GRD | 11.2701 | 43.8374 | | .08873 | 66 | 2F | 34840000 |
| MOTORS | | GRD | 14.652 | 56.9919 | | .06825 | 66 | 2F | 34842000 |
| MOTORS | | GRD | 14.7346 | 40.5415 | | .13178 | 66 | 2F | 34844000 |
| MOTORS | | GRD | 17.71 | | | | 63 | 2M47 | 34846000 |
| MOTORS | | AIR | 18.9 | | | | 57 | 2L1 | 34848000 |
| MOTORS | | SUB AIR | 19.2307 | 74.8019 | 272 | .052 | 63 | 1108 | 34850000 |
| MOTORS | | AIR | 20 | 77.794 | 2 | .05 | 62 | 1093 | 34852000 |
| MOTORS | | SHP | 22.5 | | | | 61 | 2L2 | 34854000 |
| MOTORS | DYNAMOTORS | | 23 | | | | 58 | 2M41 | 34856000 |
| MOTORS | | AIR | 23.54 | | | | 57 | 2L1 | 34858000 |

PART CLASS 532 MOTORS AND MOTOR GENERATORS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 DYNAMOTOR | | | | | | | | | |
| MOTORS | | AIR | 23.8 | | | | 57 | 2L1 | 34868000 |
| MOTORS | | AIR | 25 | 97.2425 | 22 | .04 | 62 | 1093 | 34862000 |
| MOTORS | RESOLVER | GEN | 25.47 | | | | 61 | 2N1 | 34864000 |
| MOTORS | WINDSHIELD-WIPER-SYSTEM | AIR | 28.409 | 52.6971 | 284 | .176 | 63 | 1114 | 34866000 |
| MOTORS | WINDSHIELD-WIPER-SYSTEM | HELI | 28.9017 | 112.419 | 40 | .0346 | 66 | 1297 | 34868000 |
| MOTORS | | GRD | 30 | | | | 57 | 2L2 | 34870000 |
| MOTORS | WINDSHIELD-WIPER-SYSTEM | AIR | 30.0764 | 50.5753 | 200 | .23274 | 65 | 1198 | 34872000 |
| MOTORS | WINDSHIELD-WIPER-SYSTEM | AIR | 31.5183 | 51.1965 | 100 | .25382 | 65 | 1198 | 34874000 |
| MOTORS | PUMP,AUXILIARY,HYDROMATIC-PROPELLER | AIR | 32.258 | 85.8435 | 272 | .062 | 63 | 1114 | 34876000 |
| MOTORS | | AIR | 32.7868 | 87.2908 | 14 | .041 | 62 | 1093 | 34878000 |
| MOTORS | | AIR | 35 | | | | 57 | 2L1 | 34880000 |
| MOTORS | | AIR | 37.5 | | | | 57 | 2L1 | 34882000 |
| MOTORS | | AIR | 42.1052 | 84.1426 | 20 | .095 | 62 | 1093 | 34884000 |
| MOTORS | | | 50 | | | | 56 | 2N18 | 34886000 |
| MOTORS | | AIR | 50 | 194.483 | 6 | .02 | 62 | 1093 | 34888000 |
| MOTORS | | AIR | 50 | 194.483 | 2 | .02 | 62 | 1093 | 34890000 |
| MOTORS | | | 51.1247 | 102.167 | | .07824 | 57 | 2N3 | 34892000 |
| MOTORS | PUMP,AUXILIARY,PROPELLER-ASSEMBLY | AIR | 51.5206 | 87.8515 | 400 | .46548 | 65 | 1198 | 34894000 |
| MOTORS | | | 53 | | | | 57 | 2N3 | 34896000 |
| MOTORS | WINDSHIELD-WIPER-SYSTEM | AIR | 53.3333 | 106.58 | 50 | .075 | 63 | 1114 | 34898000 |
| MOTORS | | AIR SHP GRD | 55.5555 | 123.718 | | .054 | 57 | 2L2 | 34900000 |
| MOTORS | HORIZONTAL-STABILIZATION, FLIGHT-CONTROLS | AIR | 56.4274 | 79.1803 | 75 | .28335 | 65 | 1198 | 34902000 |
| MOTORS | WINDSHIELD-WIPER-SYSTEM | AIR | 58.9761 | 109.397 | 50 | .08478 | 63 | 1198 | 34904000 |
| MOTORS | | GRD | 60 | | | | 57 | 2L1 | 34906000 |
| MOTORS | WINDSHIELD-WIPER-SYSTEM | AIR | 64.5161 | 171.687 | 136 | .031 | 63 | 1114 | 34908000 |
| MOTORS | | SIM AIR | 78.7401 | 121.312 | 430 | .127 | 65 | 1198 | 34910000 |
| MOTORS | | AIR | 83.3333 | 99.5007 | 171 | .672 | 62 | 1093 | 34912000 |
| MOTORS | | GRD | 100 | | | | 57 | 2L1 | 34914000 |
| MOTORS | | AIR | 101.694 | 150.691 | 32 | .118 | 62 | 1093 | 34916000 |
| MOTORS | | GRD | 102 | | | | 59 | 2L4 | 34918000 |
| MOTORS | FOLLOWUP-SERVO-ASSEMBLY | AIR | 109.5 | | | | 57 | 2L1 | 34920000 |
| MOTORS | | AIR | 110.091 | 163.133 | 25 | .109 | 62 | 1093 | 34922000 |
| MOTORS | | AIR | 131 | | | | 57 | 2L1 | 34924000 |
| MOTORS | | AIR | 133.333 | 354.82 | 6 | .015 | 62 | 1093 | 34926000 |
| MOTORS | RESET-SERVO-ASSEMBLY | AIR | 135 | | | | 57 | 2L1 | 34928000 |
| MOTORS | | AIR | 146.341 | 256.88 | 11 | .041 | 62 | 1093 | 34930000 |
| MOTORS | | AIR | 150 | | | | 61 | 2068 | 34932000 |
| MOTORS | WINDSHIELD-WIPER-SYSTEM | HELI | 166.666 | 256.777 | 240 | .06 | 65 | 1215 | 34934000 |
| MOTORS | | MSL | 170 | | | | 58 | 2L2 | 34936000 |
| MOTORS | | GRD | 200 | 266.547 | | .110 | 58 | 2L2 | 34938000 |
| MOTORS | | AIR GND | 200 | | | | 61 | 2L2 | 34940000 |
| MOTORS | BLOWER,DRY-AIR | SHP | 210.052 | 301.995 | 40 | .06665 | 65 | 1223 | 34942000 |
| MOTORS | | SIM AIR | 211.267 | 370.848 | 92 | .0284 | 65 | 1195 | 34944000A |
| MOTORS | AXIAL-FAN | AIR GND | 242.424 | 393.778 | 690 | .033 | 65 | 1221 | 34946000 |

PART CLASS 332 MOTORS AND MOTOR GENERATORS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 60 CONF LIMIT | PART POPU-LATION | PART HOURS | TR OF RPT | DAT. SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 DYNAMOTOR | | | | | | | | | |
| MOTORS | CONTROL-INDICATOR. DOPPLER-NAVIGATION-SYSTEM | SUB GRD AIR | 248.138 | 552.588 | 195 | .01209 | 64 | 1258 | 34948000A |
| MOTORS | | AIR | 250 | | | | 57 | 2L1 | 34990000 |
| MOTORS | | GRD | 285.714 | 464.696 | 1100 | .028 | 63 | 1159 | 34952000A |
| MOTORS | | MSL | 292 | | | | 57 | 2L2 | 34954000 |
| MOTORS | | GRD | 315.391 | 447.695 | 1940 | .04756 | 62 | 1159 | 34956000A |
| MOTORS | PITCH-TRIM-ACTUATOR | AIR | 316.07 | 480.927 | 76 | .04113 | 66 | 1250 | 34958000 |
| MOTORS | | GRD | 333 | | | | 57 | 2L1 | 34960000 |
| MOTORS | | MSL | 333.333 | 1296.56 | | .003 | 57 | 2L2 | 34962000 |
| MOTORS | BLOWER.NOSE-COMPARTMENT. EQUIPMENT-COOLING | AIR | 359.342 | 424.609 | 812 | .17532 | 64 | 1179 | 34964000 |
| MOTORS | CONTROL-INDICATOR. DOPPLER-NAVIGATION-SYSTEM | SUB GRD AIR | 375 | 835.1 | 139 | .008 | 63 | 1117 | 34966000 |
| MOTORS | BLOWER.NOSE-COMPARTMENT. EQUIPMENT-COOLING | AIR | 402.553 | 467.857 | 946 | .22854 | 65 | 1228 | 34968000 |
| MOTORS | | AIR | 583.333 | 838.666 | 7 | .024 | 62 | 1093 | 34970000 |
| MOTORS | | GRD | 630 | | | | 57 | 2M3 | 34972000 |
| MOTORS | | AIR | 773 | | | | 57 | 2L1 | 34974000 |
| MOTORS | | MSL | 800 | 1598.71 | | .005 | 57 | 2L2 | 34976000 |
| MOTORS | SERVO/GEAR-TRAIN | SUB | 833.333 | 1665.52 | 30 | .0048 | 65 | 1246 | 34978000 |
| MOTORS | | GRD | 869.565 | 2314.04 | 150 | .0023 | 62 | 1159 | 34980000A |
| MOTORS | | GRD | 993.377 | 2212.18 | 242 | .00302 | 61 | 1069 | 34982000A |
| MOTORS | | GRD | 1092.89 | 2908.36 | 121 | .00183 | 61 | 1069 | 34984000A |
| MOTORS | | GRD | 1176.47 | 3130.76 | 150 | .0017 | 62 | 1159 | 34986000 |
| MOTORS | | AIR GND | 1670 | | | | 61 | 2L2 | 34988000 |
| MOTORS | | GRD | 2580.64 | 5157.12 | 121 | .00155 | 61 | 1069 | 34990000A |
| MOTORS | | GRD | 2727.27 | 4304.84 | 300 | .0033 | 62 | 1159 | 34992000A |
| MOTORS | | GRD | 2800 | 4708.36 | 200 | .0025 | 63 | 1159 | 34994000A |
| MOTORS | BOOM-HOIST | AIR | 3600 | 6951.26 | 16 | .005 | 59 | 1110 | 34996000 |
| MOTORS | | GRD | 5625 | 8878.75 | 100 | .0016 | 63 | 1159 | 34998000A |
| MOTORS. FRACTIONAL-HORSEPOWER | | GRD | * | 1.82833 | 150 | 1.2594 | 65 | 1216 | 35000000 |
| MOTORS. FRACTIONAL-HORSEPOWER. 400 CPS | | LAB | 336.7 | 672.857 | | .01188 | 62 | 1136 | 35002000 |
| MOTORS.A.C.INSUCTION-POWER-TYPE | (STORAGE) | MSL | .02 | | | | 65 | 2440 | 35004000 |
| MOTORS.A.C.SYNCHRONOUS-POWER.TYPE | (STORAGE) | MSL | .02 | | | | 65 | 2440 | 35006000 |
| MOTORS.AC | | LAB | * | 605.947 | | .0038 | 66 | 1230 | 35008000A |
| MOTORS.AC | (STORAGE) | MSL | * | .495183 | 1253 | 4.65 | 65 | 1254 | 35010000 |
| MOTORS.AC | | AIR | * | 76.7533 | 4 | .03 | 62 | 1099 | 35012000 |
| MOTORS.AC | | AIR | * | 460.92 | 40 | .005 | 62 | 1099 | 35014000A |
| MOTORS.AC | | AIR | * | 53.5488 | 2 | .043 | 62 | 1099 | 35016000 |
| MOTORS.AC | | AIR | * | 767.533 | 1 | .003 | 62 | 1099 | 35018000 |

PART CLASS 532 MOTORS AND MOTOR GENERATORS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 DYNAMOTOR | | | | | | | | | |
| MOTORS.AC | | SAT | * | 177.129 | 11 | .013 | 62 | 1073 | 35020000 |
| MOTORS.AC | | AIR | * | 1121.3 | 1 | .002 | 62 | 1099 | 35022000 |
| MOTORS.AC | | | 3.19391 | 3.68853 | | 24.3 | 65 | 2210 | 35024000 |
| MOTORS.AC | | AIR | 20.8333 | 46.3944 | 10 | .144 | 62 | 1099 | 35026000 |
| MOTORS.AC | | AIR | 21.0843 | 28.7167 | 30 | .082 | 62 | 1099 | 35028000 |
| MOTORS.AC | | AIR | 26.5486 | 59.1221 | 8 | .113 | 62 | 1099 | 35030000 |
| MOTORS.AC | | GRD | 30 | | | | 63 | 1098 | 35032000 |
| MOTORS.AC | | AIR | 31.25 | 69.9916 | 1 | .096 | 62 | 1099 | 35034000 |
| MOTORS.AC | | SHP | 41.3 | | | | U | 2843 | 35036000 |
| MOTORS.AC | | SHP | 41.3 | | | | 61 | 2L10 | 35038000 |
| MOTORS.AC | | AIR | 66.6666 | 259.313 | 1 | .015 | 62 | 1099 | 35040000 |
| MOTORS.AC | | AIR | 79.6013 | 84.752 | 112 | 1.746 | 62 | 1099 | 35042000 |
| MOTORS.AC | | AIR | 81.4 | | | | 61 | 2L10 | 35044000 |
| MOTORS.AC | | AIR | 81.4 | | | | U | 2843 | 35044000 |
| MOTORS.AC | | AIR | 90.909 | 353.609 | 2 | .011 | 62 | 1099 | 35048000 |
| MOTORS.AC | | AIR | 95.238 | 293.442 | 9 | .021 | 62 | 1099 | 35050000 |
| MOTORS.AC | | AIR | 119.17 | 157.789 | 43 | .193 | 62 | 1099 | 35052000 |
| MOTORS.AC | | AIR | 142.857 | 555.671 | 4 | .007 | 62 | 1099 | 35054000 |
| MOTORS.AC | | AIR | 159.574 | 226.514 | 4 | .094 | 62 | 1099 | 35056000 |
| MOTORS.AC | | AIR | 181.818 | 319.154 | 6 | .033 | 62 | 1099 | 35058000 |
| MOTORS.AC | | AIR | 208.333 | 320.971 | 8 | .048 | 62 | 1099 | 35060000 |
| MOTORS.AC | | AIR | 214.285 | 477.2 | 1 | .014 | 62 | 1099 | 35062000 |
| MOTORS.AC | | AIR | 214.285 | 477.2 | 4 | .014 | 62 | 1099 | 35064000 |
| MOTORS.AC | | AIR | 236.042 | 353.152 | 3 | .047 | 62 | 1099 | 35066000 |
| MOTORS.AC | | AIR | 300 | 669.08 | 3 | .01 | 62 | 1099 | 35068000 |
| MOTORS.AC | | AIR | 452.38 | 616.727 | 4 | .042 | 62 | 1099 | 35070000 |
| MOTORS.AC | | AIR | 500 | 1944.85 | 1 | .002 | 62 | 1099 | 35072000 |
| MOTORS.AC | | AIR | 518.518 | 668.147 | 7 | .054 | 62 | 1099 | 35074000 |
| MOTORS.AC.BLOWER | | LAB | * | 209.327 | 21 | .011 | 64 | 1233 | 35076000 |
| MOTORS.AC.BLOWER | | LAB | * | 929.479 | 9 | .00441 | 64 | 1154 | 35078000 |
| MOTORS.AC.BLOWER | | AIR | 62.0689 | 71.8758 | 67 | 1.305 | 62 | 1099 | 35080000 |
| MOTORS.AC.BLOWER | | AIR | 88.2352 | 154.883 | 13 | .066 | 62 | 1099 | 35082000 |
| MOTORS.AC.CLASS-A-INSULATED | | | 1.05318 | 1.77099 | | 6.6465 | 63 | 2210 | 35084000 |
| MOTORS.AC.CLASS-A-INSULATED | | | 1.60472 | 2.97666 | | 3.1156 | 63 | 2210 | 35086000 |
| MOTORS.AC.GEAR-REDUCED | | GRD | * | 1813.07 | | .01127 | 64 | 1100 | 35088000 |
| MOTORS.AC.GYRO-SPIN | | SIN AIR | * | 949.546 | 8 | .00632 | 64 | 1151 | 35090000A |
| MOTORS.AC.GYRO-SPIN | | SIN AIR | 60.35 | 234.743 | 15 | .01657 | 64 | 1136 | 35092000A |
| MOTORS.AC.INSTRUMENT | | SIN AIR | * | 278.991 | 8 | .00628 | 64 | 1139 | 35094000A |
| MOTORS.AC.INSTRUMENT | | SIN AIR | * | 1101.72 | 4 | .00309 | 64 | 1151 | 35096000A |
| MOTORS.AC.MIL-M-7969 | | SIN AIR | * | 287.825 | 132 | .008 | 64 | 1139 | 35098000 |
| MOTORS.AC.NON-BLOWER | | AIR | 115.909 | 139.461 | 45 | .44 | 62 | 1099 | 35100000 |
| MOTORS.AC.NON-BLOWER | | AIR | 134.92 | 183.35 | 30 | .126 | 62 | 1099 | 35102000 |
| MOTORS.AC.NON-BLOWER. CONTINUOUS | | AIR | 122.715 | 148.946 | 36 | .383 | 62 | 1099 | 35104000 |
| MOTORS.AC.NON-BLOWER. INTERMITTENT | | AIR | 70.1754 | 140.237 | 9 | .057 | 62 | 1099 | 35106000 |

PART CLASS 332 MOTORS AND MOTOR GENERATORS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 DYNAMOTOR | | | | | | | | | |
| MOTORS,AC,10HP | | | .212675 | .473614 | | 14,106 | 64 | 2210 | 35100000 |
| MOTORS,AC,115V,3-PHASE, 400CPS | ENVIRONMENT-CONTROL | AIR | 109.689 | 192.542 | 60 | .0547 | 66 | 1238 | 35100000A |
| MOTORS,AC,1200RPM,440V | | | 1.08932 | 4.23714 | | .918 | 64 | 2210 | 35112000 |
| MOTORS,AC,20HP,440V | | | 1.287 | 1.98283 | | 7.77 | 64 | 2210 | 35114000 |
| MOTORS,AC,25HP,1800RPM | | | 2.31481 | 6.16006 | | .864 | 64 | 2210 | 35116000 |
| MOTORS,AC,25HP,1800RPM | | | 2.30931 | 3.84857 | | 3.3765 | 64 | 2210 | 35118000 |
| MOTORS,AC,4-POLE | | | 6.469 | | | | 63 | 2210 | 35120000 |
| MOTORS,AC,4-POLE,3-PH | | | 6.333 | | | | 63 | 2210 | 35122000 |
| MOTORS,AC,4-POLE-DP | | | 3.01027 | 3.62584 | | 16 942 | 63 | 2210 | 35124000 |
| MOTORS,AC,4-POLE-DP | | | 5.7081 | 6.79391 | | 10.161 | 63 | 2210 | 35126000 |
| MOTORS,AC,400CPS | | GRD | * | 184.503 | | .01248 | 64 | 1180 | 35128000 |
| MOTORS,AC,400CPS,115V | | GRD | * | 62.0981 | | .03708 | 64 | 1180 | 35130000 |
| MOTORS,AC,400CPS,200V, 3-PHASE,4-1/2HP,10500RPM | AUXILIARY-HYDRAULIC.PUMP-DRIVE | GRD | 5882.35 | 22880.5 | 33 | .00017 | 66 | 1245 | 35132000A |
| MOTORS,AC,5HP,1800RPM | | | * | | | | 63 | 2210 | 35134000 |
| MOTORS,AC,5HP,1800RPM | | | 2.66688 | 3.30624 | | 12.374 | 64 | 2210 | 35136000 |
| MOTORS,AC-AND-DC | | AIR | * | 39.7 | | .058 | 61 | 1066 | 35138000 |
| MOTORS,AC-AND-DC | | AIR | * | 460.52 | | .005 | 61 | 1066 | 35140000 |
| MOTORS,AC-AND-DC | | AIR | * | 9.71561 | | .237 | 61 | 1066 | 35142000 |
| MOTORS,AC-AND-DC | | AIR | 5.33333 | 14.1928 | | .375 | 61 | 1066 | 35144000 |
| MOTORS,AC-AND-DC | | AIR | 50 | 111.346 | | .06 | 61 | 1066 | 35146000 |
| MOTORS,AC-AND-DC | | AIR | 55.5555 | 147.841 | | .036 | 61 | 1066 | 35148000 |
| MOTORS,AC-AND-DC | | AIR | 71.4285 | 125.382 | | .084 | 61 | 1066 | 35150000 |
| MOTORS,AC-AND-DC | | AIR | 191.78 | 275.726 | | .073 | 61 | 1066 | 35152000 |
| MOTORS,AC-AND-DC | | AIR | 307.392 | 499.796 | | .026 | 61 | 1066 | 35154000 |
| MOTORS,AC-GEAR-REDUCED, 1/20HP,1200RPM | | GRD | 28.5132 | 46.9938 | 56 | .491 | 64 | 1244 | 35156000A |
| MOTORS,AC-POLYPHASE | | | 2.36686 | 2.49829 | | 243.36 | 62 | 2210 | 35158000 |
| MOTORS,AC-POLYPHASE | | | 3.73931 | 3.98387 | | 112.32 | 62 | 2210 | 35160000 |
| MOTORS,AC/DC,POWER-SET | | | 2.65604 | 5.91483 | | 1.1295 | 63 | 2208 | 35162000 |
| MOTORS,AIR-FLOW,COOLING | | SHP | 90.0225 | 158.021 | 40 | .06665 | 65 | 1225 | 35164000 |
| MOTORS,AIR-TURBINE, PNEUMATIC | | AIR | 66.6666 | 259.313 | 68 | .015 | 63 | 1114 | 35166000 |
| MOTORS,AIR-TURBINE, PNEUMATIC | | AIR | 249.205 | 319.657 | 160 | .11637 | 65 | 1198 | 35168000 |
| MOTORS,AIR-TURBINE, PNEUMATIC | | AIR | 284.09 | 371.718 | 102 | .088 | 63 | 1114 | 35170000 |
| MOTORS,AIR-TURBINE, PNEUMATIC | | AIR | 386.1 | 446.858 | 50 | .12691 | 65 | 1198 | 35172000 |
| MOTORS,AIR-TURBINE, PNEUMATIC | | AIR | 1155.93 | 1320.42 | 50 | .08478 | 63 | 1198 | 35174000 |
| MOTORS,AIR-TURBINE, PNEUMATIC | | AIR | 1186.66 | 1364.69 | 50 | .075 | 63 | 1114 | 35176000 |
| MOTORS,BLOWER | | AIR | * | 14.1203 | | .163 | 61 | 1083 | 35178000 |

SECTION I FAILURE RATE DATA

PART CLASS 332 MOTORS AND MOTOR GENERATORS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 DYNAMOTOR | | | | | | | | | |
| MOTORS.BLOWER | | LAB | .15 | | | | 61 | 2L2 | 35100500 |
| MOTORS.BLOWER | | GEN | 2.85 | | | | 61 | 2B1 | 35162000 |
| MOTORS.BLOWER | | GRD | 5.45454 | 8.08252 | | 2.20 | 61 | 2L2 | 35164000 |
| MOTORS.BLOWER | | GRD | 5.8651 | 11.7207 | | .682 | 57 | 2L2 | 35164000 |
| MOTORS.BLOWER | | MSL | 12.5 | | | | 57 | 2L1 | 35180000 |
| MOTORS.BLOWER | | SIM AIR | 22.7272 | 88.4022 | 1 | .044 | 63 | 1106 | 35190000 |
| MOTORS.BLOWER | | GRD | 30 | | | | 63 | 1098 | 35192000 |
| MOTORS.BLOWER | | GRD | 60 | | | | 57 | 2L1 | 35194000 |
| MOTORS.BLOWER | | AIR | 70 | | | | 62 | 2240 | 35196000 |
| MOTORS.BLOWER | | AIR | 80 | | | | 61 | 1068 | 35198000 |
| MOTORS.BLOWER | | AIR | 85.7142 | 190.88 | | .035 | 61 | 1082 | 35200000 |
| MOTORS.BLOWER | | AIR | 102 | | | | 57 | 2L1 | 35202000 |
| MOTORS.BLOWER | | AIR GND | 200 | | | | 61 | 2L2 | 35204000 |
| MOTORS.BLOWER | | AIR | 200 | | | | 57 | 2L1 | 35206000 |
| MOTORS.BLOWER | | AIR | 208.695 | 274.639 | | .115 | 61 | 1084 | 35208000 |
| MOTORS.BLOWER | | AIR GND | 281.512 | 330.92 | | .238 | 60 | 1067 | 35210000 |
| MOTORS.BLOWER | | GRD | 333.333 | 1296.56 | 1 | .003 | 63 | 1102 | 35212000 |
| MOTORS.BLOWER | | GRD | 558.823 | 761.839 | | .034 | 60 | 1067 | 35214000 |
| MOTORS.BLOWER | NOSE-COMPARTMENT.EQUIPMENT-COOLING | AIR | 599.594 | 631.611 | 1194 | 1.0357 | 67 | 1272 | 35216000 |
| MOTORS.BLOWER | | AIR | 627.641 | 785.923 | | .053 | 60 | 1067 | 35218000 |
| MOTORS.BLOWER | | GRD | 631.578 | 749.463 | | .095 | 60 | 1067 | 35220000 |
| MOTORS.BLOWER | | AIR | 773 | | | | 57 | 2L1 | 35222000 |
| MOTORS.BLOWER | | AIR | 2800 | | | | 57 | 2L1 | 35224000 |
| MOTORS.BLOWER.AC | (STRAVE) | | 0 | .474137 | | 4.836 | 66 | 258 | 35226000A |
| MOTORS.BRUSH | | LAB | 30 | | | | 61 | 1086 | 35228000 |
| MOTORS.BRUSH | | LAB | 60 | | | | 61 | 1086 | 35230000 |
| MOTORS.BRUSH-TYPE.1000RPM | | LAB | .005 | | | | 62 | 2240 | 35232000A |
| MOTORS.BRUSH-TYPE.1000RPM | | LAB | .9 | | | | 62 | 2240 | 35234000 |
| MOTORS.BRUSH-TYPE.10000RPM | | LAB | .4 | | | | 62 | 2240 | 35236000A |
| MOTORS.BRUSH-TYPE.10000RPM | | LAB | 85 | | | | 62 | 2240 | 35238000 |
| MOTORS.BRUSH-TYPE.2000RPM | | LAB | .02 | | | | 62 | 2240 | 35240000A |
| MOTORS.BRUSH-TYPE.2000RPM | | LAB | 2.95 | | | | 62 | 2240 | 35242000 |
| MOTORS.BRUSH-TYPE.20000RPM | | LAB | 1 | | | | 62 | 2240 | 35244000A |
| MOTORS.BRUSH-TYPE.20000RPM | | LAB | 300 | | | | 62 | 2240 | 35246000 |
| MOTORS.BRUSH-TYPE.500GRPM | | LAB | .12 | | | | 62 | 2240 | 35248000A |
| MOTORS.BRUSH-TYPE.5000RPM | | LAB | 22 | | | | 62 | 2240 | 35250000 |
| MOTORS.BRUSHLESS | | LAB | 10 | | | | 61 | 1086 | 35252000 |
| MOTORS.BRUSHLESS | | LAB | 20 | | | | 61 | 1086 | 35254000 |
| MOTORS.BRUSHLESS.1000RPM | | LAB | .002 | | | | 62 | 2240 | 35256000A |
| MOTORS.BRUSHLESS.1000RPM | | LAB | .4 | | | | 62 | 2240 | 35258000 |
| MOTORS.BRUSHLESS.10000RPM | | LAB | .2 | | | | 62 | 2240 | 35260000A |
| MOTORS.BRUSHLESS.10000RPM | | LAB | 35 | | | | 62 | 2240 | 35262000 |
| MOTORS.BRUSHLESS.2000RPM | | LAB | .008 | | | | 62 | 2240 | 35264000A |
| MOTORS.BRUSHLESS.2000RPM | | LAB | 1.55 | | | | 62 | 2240 | 35266000 |
| MOTORS.BRUSHLESS.20000RPM | | LAB | .7 | | | | 62 | 2240 | 35268000A |

PART CLASS .332 MOTORS AND MOTOR GENERATORS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 DYNAMOTOR | | | | | | | | | |
| MOTORS.BRUSHLESS.20000RPM | | LAB | 150 | | | | 62 | 2240 | 35270000 |
| MOTORS.BRUSHLESS.5000RPM | | LAB | .05 | | | | 62 | 2240 | 35272000A |
| MOTORS.BRUSHLESS.500RPM | | LAB | 9 | | | | 62 | 2240 | 35274000 |
| MOTORS.BRUSHLESS.9000RPM | | | 200 | | | | 62 | 2M19 | 35276000A |
| MOTORS.CANOPY | ACTUATOR | AIR | 27.8551 | 35.5757 | | 1.077 | 63 | 2114 | 35278000 |
| MOTORS.CLUTCHED | SPOILER.ANTENNA.TOSS-BOMB-COMPUTER | SIM GRD AIR | 72.072 | 191.794 | 195 | .02775 | 64 | 1181 | 35280000A |
| MOTORS.COMBINATION-AC/DC | | * | | 2.3026 | | 1 | 63 | 2208 | 35282000 |
| MOTORS.CONTROL | | GRD | 53.1569 | 83.9052 | 21 | .16931 | 64 | 1210 | 35284000 |
| MOTORS.D.C.POWER | (STORAGE) | MSL | .1 | | | | 65 | 2440 | 35286000 |
| MOTORS.DC | (STORAGE) | * | | .058442 | | 39.4 | 66 | 2531 | 35288000 |
| MOTORS.DC | | AIR | * | 34.8878 | | .066 | 62 | 2210 | 35290000 |
| MOTORS.DC | (STORAGE) | * | | .476137 | | 4.836 | 66 | 258 | 35292000A |
| MOTORS.DC | RADIO-CONTROL | SIM GRD AIR | * | 127.922 | 139 | .018 | 63 | 1117 | 35294000 |
| MOTORS.DC | | AIR | * | 56.1609 | 1 | .041 | 62 | 1099 | 35296000 |
| MOTORS.DC | (STORAGE) | MSL | * | .495183 | 1253 | 4.65 | 69 | 1254 | 35298000 |
| MOTORS.DC | | AIR | * | 56.1609 | 1 | .041 | 62 | 1099 | 35300000 |
| MOTORS.DC | RADIO-CONTROL | SIM GRD AIR | * | 91.9201 | 195 | .02505 | 64 | 1181 | 35302000A |
| MOTORS.DC | | AIR | * | 1151.3 | 1 | .002 | 62 | 1099 | 35304000 |
| MOTORS.DC | | AIR | * | 328.942 | 4 | .007 | 62 | 1099 | 35306000 |
| MOTORS.DC | WINDSHIELD-WIPER | AIR | * | 96.4641 | 62 | .02387 | 63 | 1141 | 35308000 |
| MOTORS.DC | PUMP | | .644998 | .776894 | | 79.070 | 63 | 2232 | 35310000 |
| MOTORS.DC | | | 3.38983 | 5.95033 | | 1.77 | 62 | 2210 | 35312000 |
| MOTORS.DC | | SHP | 5.6 | | | | U | 2M43 | 35314000 |
| MOTORS.DC | | SHP | 5.6 | | | | 61 | 2L10 | 35316000 |
| MOTORS.DC | VANEAXIAL-FAN | | 14.2531 | 37.9297 | | .14032 | 64 | 2210 | 35318000 |
| MOTORS.DC | | AIR | 22.8873 | 35.3766 | 8 | .568 | 62 | 1099 | 35320000 |
| MOTORS.DC | | AIR | 23.8095 | 92.6119 | 8 | .042 | 62 | 1099 | 35322000 |
| MOTORS.DC | | AIR | 25.9981 | 33.5004 | | 1.077 | 63 | 2114 | 35324000 |
| MOTORS.DC | | AIR | 33.3333 | 129.656 | 2 | .03 | 62 | 1099 | 35326000 |
| MOTORS.DC | | AIR | 47.619 | 126.721 | 4 | .042 | 62 | 1099 | 35328000 |
| MOTORS.DC | | AIR | 52.0833 | 96.6114 | 1 | .036 | 62 | 1099 | 35330000 |
| MOTORS.DC | | AIR | 67.7966 | 110.124 | 23 | .118 | 62 | 1099 | 35332000 |
| MOTORS.DC | | AIR | 70.4225 | 130.629 | 3 | .071 | 62 | 1099 | 35334000 |
| MOTORS.DC | | AIR | 86.9565 | 231.404 | 3 | .023 | 62 | 1099 | 35336000 |
| MOTORS.DC | | AIR | 95.238 | 253.442 | 2 | .021 | 62 | 1099 | 35338000 |
| MOTORS.DC | | AIR | 106.382 | 197.334 | 3 | .047 | 62 | 1099 | 35340000 |
| MOTORS.DC | | AIR | 112.018 | 123.106 | 67 | 1.714 | 62 | 1099 | 35342000 |
| MOTORS.DC | | AIR | 120.879 | 182.397 | 12 | .091 | 62 | 1099 | 35344000 |
| MOTORS.DC | | AIR | 142.857 | 360.164 | 4 | .014 | 62 | 1099 | 35346000 |
| MOTORS.DC | | AIR | 183.6 | | | | 61 | 2110 | 35348000 |
| MOTORS.DC | | AIR | 184 | | | | U | 2M43 | 35350000 |
| MOTORS.DC | | AIR | 200.501 | 232.398 | 3 | .399 | 62 | 1099 | 35352000 |
| MOTORS.DC | | AIR | 233.333 | 392.363 | 1 | .03 | 62 | 1099 | 35354000 |
| MOTORS.DC | | AIR | 250 | 665.287 | 1 | .008 | 62 | 1099 | 35356000 |
| MOTORS.DC | | AIR | 285.714 | 570.967 | 1 | .014 | 62 | 1099 | 35358000 |

PART CLASS 532 MOTORS AND MOTOR GENERATORS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 DYNAMOTOR | | | | | | | | | |
| MOTORS.DC | | AIR | 333.333 | 1296.56 | 1 | .003 | 62 | 1099 | 35360000 |
| MOTORS.DC | | AIR | 554.957 | 479.542 | 2 | .119 | 62 | 1099 | 35362000 |
| MOTORS.DC | | AIR | 1000 | 2661.15 | 1 | .002 | 62 | 1099 | 35364000 |
| MOTORS.DC.BLOWER | | AIR | 120.689 | 202.946 | 14 | .058 | 62 | 1099 | 35366000 |
| MOTORS.DC.BLOWER | | AIR | 188.311 | 209.978 | 24 | .77 | 62 | 1099 | 35368000 |
| MOTORS.DC.COMPOUND | | GRD | * | 1139.9 | | .00202 | 64 | 1160 | 35370000 |
| MOTORS.DC.DRIVE | | GRD | 50 | | | | 63 | 1098 | 35372000 |
| MOTORS.DC.MIL-M-8609 | | SHP AIR | 250 | 972.425 | 66 | .004 | 64 | 1139 | 35374000 |
| MOTORS.DC.NON-BLOWER | | AIR | 16.6666 | 64.8283 | 9 | .06 | 62 | 1093 | 35376000 |
| MOTORS.DC.NON-BLOWER | | AIR | 49.7881 | 60.4507 | 43 | .944 | 62 | 1099 | 35378000 |
| MOTORS.DC.NON-BLOWER, CONTINUOUS | | AIR | 183.098 | 267.013 | 6 | .071 | 62 | 1099 | 35380000 |
| MOTORS.DC.NON-BLOWER, INTERMITTENT | | AIR | 38.9461 | 48.9845 | 37 | .873 | 62 | 1099 | 35382000 |
| MOTORS.DC.PULSING | | GEN | 31 | | | | 62 | 1078 | 35384000 |
| MOTORS.DC.SMALL | | AIR | 50 | | | | 62 | 2240 | 35386000 |
| MOTORS.DC.2.15HP | FAN | LAB | * | 537.99 | | .00428 | 65 | 2210 | 35388000 |
| MOTORS.DC.27-5/10V | WINDSHIELD-WIPER.(M-MILES) | GRD | 32.9149M | 86.2609M | 15 | .00137M | 66 | 1255 | 35390000 |
| MOTORS.DC.27HP-18000RPM | | MSL | * | 420.882 | | .00548 | 63 | 2210 | 35392000 |
| MOTORS.DC-1/4HP-28V | | | 8.3814 | 11.4155 | | 3.3564 | 61 | 2210 | 35394000 |
| MOTORS.DC-1CHP-160VDC | | | 2.43055 | 2.98544 | | 17.280 | 63 | 2210 | 35396000 |
| MOTORS.DESSICATOR | FIRE-CONTROL-SYSTEM | AIR | 670.016 | 1008.33 | 31 | .01194 | 63 | 1111 | 35398000 |
| MOTORS.DRIVE | STABILIZER-TRIM-SERVO, AUTOPILOT-SYSTEM,MA-2 | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 35400000 |
| MOTORS.DRIVE | ELEVATOR-SERVO,AUTOPILOT-SYSTEM,MA-2 | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 35402000 |
| MOTORS.DRIVE | LATERAL-SERVO,AUTOPILOT-SYSTEM,MA-2 | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 35404000 |
| MOTORS.DRIVE | TUNING.RADIO-COMPASS.AN/ARN-6.PD-5 | AIR | 32.258 | 125.474 | 136 | .031 | 63 | 1114 | 35406000 |
| MOTORS.DRIVE | RUDDER-SERVO.AUTOPILOT-SYSTEM.MA-2 | AIR | 83.752 | 325.77 | 31 | .01194 | 63 | 1111 | 35408000 |
| MOTORS.DRIVE | TUNING.RADIO-COMPASS.AN/ARN-6.PD-5 | AIR | 136.363 | 179.491 | 204 | .176 | 63 | 1114 | 35410000 |
| MOTORS.DRIVE | TUNING.RADIO-COM.ASS.AN/ARN-6.PD-5 | AIR | 154.362 | 204.384 | 100 | .149 | 63 | 1114 | 35412000 |
| MOTORS.DRIVE | TUNING.RADIO-COMPASS.AN/ARN-6.PD-5 | AIR | 171.03 | 219.387 | 100 | .136956 | 63 | 1198 | 35414000 |
| MOTORS.DRIVE | CONICAL-SCANNER/REFERENCE-GENERATOR | AIR | 181.23 | 220.516 | 100 | .25382 | 65 | 1198 | 35416000 |
| MOTORS.DRIVE.WITH-SERVO | RUDDER.AUTOPILOT | SHP | 1172.7 | 1769.52 | 40 | .00938 | 65 | 1223 | 35418000 |
| MOTORS.DRIVE.WITH-SERVO | AILERON.AUTOPILOT | AIR | 25.7798 | 57.4099 | 100 | .11637 | 65 | 1198 | 35420000 |
| MOTORS.DRIVE.WITH-SERVO | ELEVATOR,AUTOPILOT | AIR | 25.7798 | 57.4099 | 100 | .11637 | 65 | 1198 | 35422000 |
| MOTORS.DRUM | | AIR | 34.3731 | 66.1908 | 100 | .11637 | 65 | 1198 | 35424000 |
| MOTORS.ELECTRIC | (STORAGE) | SHP | 649.35 | 1.e.0.01 | 9 | .00308 | 61 | 1131 | 35426000 |
| MOTORS.ELECTRIC | | | ? | .403257 | | 5.71 | 63 | 2111 | 35428000 |
| MOTORS.ELECTRIC | | | .777 | | | 7.8919 | 63 | 2210 | 35430000 |
| MOTORS.ELECTRIC.SINGLE-PHASE | | AIR | 2.358 | | | | 65 | 2540 | 35432000 |
| MOTORS.ELECTRIC.3-PHASE.15HP | | | 6.72784 | 6.91615 | | 322.54 | 62 | 2210 | 35434000 |
| MOTORS.ELECTRIC.AC | | | 22.5946 | 50.5393 | | .13219 | 63 | 2210 | 35436000 |
| | | | 10.2713 | 12.0448 | | 6.7177 | 63 | 2210 | 35438000 |

PART CLASS 332 MOTORS AND MOTOR GENERATORS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .CO DYNAMOTOR | | | | | | | | | |
| MOTORS.ELECTRIC.AC. SINGLE-PHASE | | | 2.76 | | | | 62 | 2210 | 35440000 |
| MOTORS.ELECTRIC.AC.10HP | | | 1.09706 | 2.19235 | | 3.6461 | 63 | 2210 | 35442000 |
| MOTORS.ELECTRIC.AC.15HP | | | 2.12917 | 4.74155 | | 1.4090 | 64 | 2210 | 35444000 |
| MOTORS.ELECTRIC.AC.20HP. 440V | | | 2.77777 | 6.18592 | | 1.08 | 64 | 2210 | 35446000 |
| MOTORS.ELECTRIC.AC.3HP | | | 2.31287 | 3.75688 | | 3.4589 | 63 | 2210 | 35448000 |
| MOTORS.ELECTRIC.DC. REVERSIBLE | (STORAGE) | PSL | * | .403965 | | 5.7 | 65 | 2440 | 35450000 |
| MOTORS.ELECTRIC.OPEN. DRIP-PROOF | | | 2.34 | | | | 62 | 2210 | 35452000 |
| MOTORS.ELECTRIC.POLYPHASE | | | .432115 | .457746 | | 1173.3 | 62 | 2210 | 35454000 |
| MOTORS.ELECTRIC.POLYPHASE | | | .8861 | | | | 63 | 2210 | 35456000 |
| MOTORS.ELECTRIC.POLYPHASE | | | 4.16453 | 4.44767 | | 93.888 | 62 | 2210 | 35458000 |
| MOTORS.ELECTRIC.POLYPHASE | | | 6.61938 | 7.24582 | | 51.573 | 61 | 2210 | 35460000 |
| MOTORS.ELECTRIC.POLYPHASE. SQUIRREL | | | 5.54789 | 5.96011 | | 59.482 | 61 | 2210 | 35462000 |
| MOTORS.ELECTRIC.STARTER | | AIR | 1.83P | | | | 65 | 2590 | 35464000 |
| MOTORS.ELECTRIC.STARTER | | AIR | 2.87P | | | | 65 | 2590 | 35466000 |
| MOTORS.ELECTRIC.THP | | | 1 | | | | 61 | 2210 | 35468000 |
| MOTORS.ELECTRIC.15HP | | | 4.3559 | 5.07402 | | 17.218 | 63 | 2210 | 35470000 |
| MOTORS.ELECTRIC.3-PHASE | | | 43.0802 | 86.091 | | .09295 | 63 | 2210 | 35472000 |
| MOTORS.ELECTRIC.3-PHASE | | | 1916.37 | 2342.44 | | .02296 | 63 | 2210 | 35474000 |
| MOTORS.ELECTRIC.3HP | | | 1.4 | | | | 61 | 2210 | 35476000 |
| MOTORS.ELECTRIC.3HP | | | 2.31287 | 3.75688 | | 3.4589 | 62 | 2210 | 35478000 |
| MOTORS.ELECTRIC.7.5HP | | | 1.2 | | | | 61 | 2210 | 35480000 |
| MOTORS.ELECTRIC.7.5HP | | | 1.65874 | 3.6959 | | 1.8086 | 62 | 2210 | 35482000 |
| MOTORS.ELECTRIC.7.5HP | | | 3.07125 | 4.47882 | | 4.2328 | 62 | 2210 | 35484000 |
| MOTORS.ELECTRIC-B.I | R.F.AMPLIFIER | LAB | 5.84 | | | | 65 | 2324 | 35486000 |
| MOTORS.ELECTRICAL | | AIR | 100 | | | | U | 2M43 | 35488000 |
| MOTORS.ELECTRICAL | | AIR | 200 | | | | U | 2M43 | 35490000 |
| MOTORS.EXPLOSIVE | (STORAGE) | | * | .08429 | | 42.413 | 66 | 2524 | 35492000A |
| MOTORS.GAGE-POT | (STORAGE) | | * | 7.43974 | | .3095 | 66 | 2521 | 35494000A |
| MOTORS.GAGE-POT | (STORAGE) | | * | 6.68971 | | .3442 | 66 | 2521 | 35496000A |
| MOTORS.GENERAL | | LAB | .15 | | | | 62 | 2240 | 35498000 |
| MOTORS.GENERAL | | SHP | 5.84 | | | | 62 | 2240 | 35500000 |
| MOTORS.GENERAL | | AIR | 141 | | | | 62 | 2240 | 35502000 |
| MOTORS.GYROS | | GRD | 57 | | | | 63 | 1098 | 35504000 |
| MOTORS.GYROS | | GEN | 70.7 | | | | 61 | 1079 | 35506000 |
| MOTORS.GYROS.SPIN | | AIR GND | 2.97619 | 11.5764 | | .336 | 62 | 1087 | 35508000 |
| MOTORS.GYROS.SPIN | | AIR GND | 3.28947 | 12.795 | | .304 | 62 | 1087 | 35510000 |
| MOTORS.GYROS.SPIN | | AIR GND | 15.1898 | 26.6635 | | .315 | 61 | 1087 | 35512000 |
| MOTORS.INDUCTION.GYRO-SPIN. 115-VAC.400-CPS | | GRD | * | 508.3 | 6 | .00453 | 65 | 1177 | 35514000A |
| MOTORS.INDUCTION.GYRO-SPIN. 115VAC.400CPS | | AIR | 3.95256 | 10.5183 | 2447 | .506 | 66 | 1253 | 35516000A |

PART CLASS 532 MOTORS AND MOTOR GENERATORS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 DYNAMOTOR | | | | | | | | | |
| MOTORS.INDUCTION.3PHASE. 11300RPM.200V. 400CPS.4-5/10-HP | HYDRAULIC-PUMP | LIFE ACC | 33339.3 | 74231.1 | 3 | .00009 | 66 | 1238 | 35518000A |
| MOTORS.INDUCTION-POLYPHASE | AMMUNITION-BOOSTER | AIR | 62.5 | 139.183 | 124 | .048 | 63 | 1111 | 35520000 |
| MOTORS.INDUCTION-POLYPHASE | FLAP-DRIVE | AIR | 333.333 | 841.445 | 62 | .024 | 63 | 1111 | 35522000 |
| MOTORS.INDUCTION-POLYPHASE | CAMERA-DOOR-ACTUATOR | AIR | 203.533 | 980.908 | 31 | .012 | 63 | 1111 | 35524000 |
| MOTORS.INSTRUMENT | | AIR GND | 19.8888 | 17.1493 | | 2.88 | 57 | 2L2 | 35526000 |
| MOTORS.INSTRUMENT | | AIR | 190.476 | 380.644 | | .021 | 61 | 1082 | 35528000 |
| MOTORS.INSTRUMENT | | AIR GND | 556 | | | | 61 | 2L2 | 35530000 |
| MOTORS.INSTRUMENT | | MSL | 750 | 1183.83 | | .012 | 61 | 1081 | 35532000 |
| MOTORS.INTEGRAL | | | .101 | | | 3.8712 | 64 | 2210 | 35534000 |
| MOTORS.INTEGRAL | | | 2.58953 | 10.0725 | | .38617 | 63 | 2210 | 35536000 |
| MOTORS.INTEGRAL-HORSEPOWER | | GRD | * | .914093 | 300 | 2.519 | 65 | 1216 | 35538000 |
| MOTORS.MULTIGARD | | | 1.33 | | | | 63 | 2210 | 35540000 |
| MOTORS.OVEN-BLOWER | EQUIPMENT/FURNISHINGS.707-131 | AIR | 60P | | | | 66 | 2361 | 35542000 |
| MOTORS.OVEN-BLOWER | EQUIPMENT/FURNISHINGS.707-331 | AIR | 130P | | | | 65 | 2361 | 35544000 |
| MOTORS.OVEN-BLOWER | EQUIPMENT/FURNISHINGS.707-131 | AIR | 170P | | | | 66 | 2361 | 35546000 |
| MOTORS.POWER. CONTINUOUS-DUTY | | AIR | * | 328.942 | | .007 | 61 | 1082 | 35548000 |
| MOTOR..POWER. INTERMITTENT-DUTY | | AIR | 15.3374 | 28.45 | | .326 | 61 | 1083 | 35550000 |
| MOTORS.POWER. INTERMITTENT-DUTY | | AIR | 52.2648 | 66.751 | | .574 | 61 | 1084 | 35552000 |
| MOTORS.POWER. INTERMITTENT-DUTY | | AIR | 128.571 | 202.942 | | .07 | 61 | 1082 | 35554000 |
| MOTORS.POWER.CONTINUOUS. DUTY | | AIR GND | 31 | | | | 59 | 2L2 | 35556000 |
| MOTORS.POWER.INTERMITTENT. DUTY | | HELI | 6.17284 | 16.4268 | | .324 | 59 | 2L2 | 35558000 |
| MOTORS.POWER.INTERMITTENT. DUTY | | AIR | 686.327 | 729.841 | | .746 | 59 | 2L2 | 35560000 |
| MOTORS.POWER.INTERMITTENT. DUTY | | AIR GND | 764 | | | | 61 | 2L2 | 35562000 |
| MOTOR..RESOLVER | | AIR GND | 7.75193 | 30.1527 | | .129 | 61 | 1087 | 35564000 |
| MOTORS.ROCKET. SOLID-PROPELLANT. THRUST-CONTROL | | SAT | 214.132 | 565.839 | | .00934 | 62 | 1136 | 35566000 |
| MOTORS.ROCKET.PITCH | | SIM MSL | * | 32894.2 | 129 | .00007 | 64 | 1143 | 35568000A |
| MOTORS.ROCKET.PITCH | | MSL | * | 230.60 | 20 | .00001 | 64 | 1143 | 35570000A |
| MOTORS.ROCKET.SPIN | | MSL | * | 230260 | 9 | .00001 | 64 | 1143 | 35572000A |
| MOTORS.ROCKET.SPIN | | SIM MSL | * | 25584.4 | 176 | .00009 | 64 | 1143 | 35574000A |
| MOTORS.ROTARY | ANTI-COLLISION-BEACON | AIR | * | 2[illegible].1505 | 473 | .11427 | 63 | 1228 | 35576000 |
| MOTORS.ROTARY | ANTI-COLLISION-BEACON | AIR | 5.79273 | 12.9 | 597 | .51789 | 67 | 1[illegible]2 | 35578000 |
| MOTORS.ROTARY | ANTI-COLLISION-BEACON | AIR | 68.4462 | 120.147 | 406 | .08766 | 64 | 1179 | 35580000 |
| MOTORS.ROTARY | ANTI-COLLISION-LIGHT | HELI | 710.339 | 1121.23 | 40 | .01267 | 66 | 1257 | 35582000 |

PART CLASS 332 MOTORS AND MOTOR GENERATORS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 DYNAMOTOR | | | | | | | | | |
| MOTORS.SCREWJACK | | AIR | 134.592 | 170.089 | | .171 | 61 | 1084 | 35584000 |
| MOTORS.SHAKER.RUDDER-PEDAL | | AIR | 159.42 | 212.465 | | .138 | 59 | 1070 | 35586000 |
| MOTORS.STEP | | LAB | * | 40.3964 | | .057 | 66 | 1230 | 35588000A |
| MOTORS.STEPPER | | AIR | * | 53.5488 | | .043 | 63 | 1104 | 35590000 |
| MOTORS.STEPPER | | AIR | * | 22.1403 | 120 | .104 | 64 | 1146 | 35592000 |
| MOTORS.STEPPER | | SHM GRD | * | 43.4452 | | .053 | 63 | 1104 | 35594000 |
| MOTORS.STEPPER | | LAB | .37 | | | | 63 | 1139 | 35596000 |
| MOTORS.STEPPER | | AIR | 44.4444 | 118.273 | 120 | .045 | 64 | 1146 | 35598000 |
| MOTORS.STEPPER | | AIR | 442.5 | | | | 57 | 2L1 | 35600000 |
| MOTORS.SYNCHRO-AND-SERVO | | GFN | 1.8 | | | | 61 | 2N1 | 35602000 |
| MOTORS.SYNCHRONOUS | | AIR | * | 109.647 | | .021 | 61 | 1066 | 35604000 |
| MOTORS.SYNCHRONOUS | | SUB | 2.25288 | 3.65944 | 56 | 3.551 | 66 | 1251 | 35606000A |
| MOTORS.T-5 | IGNITION-SYSTEM.TURBOJET.J-85 | AIR | 29.4521 | 65.588 | 812 | .10186 | 64 | 1179 | 35608000 |
| MOTORS.T-5 | IGNITION-SYSTEM.TURBOJET.J-85 | AIR | 48.1316 | 72.6268 | 946 | .22854 | 65 | 1228 | 35610000 |
| MOTORS.TACHOMETER | | GRD | 20 | | | | 63 | 1098 | 35612000 |
| MOTORS.TORQUE | | GRD | * | 22.3553 | 54 | .103 | 65 | 1193 | 35614000 |
| MOTORS.TORQUE | | GRD | 12.4643 | 19.2033 | 884 | .80229 | 64 | 1176 | 35616000 |
| MOTORS.TORQUE | | GRD | 83.3333 | 185.577 | | .036 | 63 | 2240 | 35618000 |
| MOTORS.TORQUE | | GRD | 100 | 388.97 | 9 | .01 | 65 | 1193 | 35620000 |
| MOTORS.TORQUE.115-VAC.400-CPS | | GRD | * | 1524.9 | 2 | .00151 | 65 | 1177 | 35622000A |
| MOTORS.TORQUE.115-VAC.400CPS | | AIR | 1.97628 | 7.68715 | 2447 | .306 | 66 | 1253 | 35624000A |
| MOTORS.VEL-GEN | | AIR | 15.1 | | | | 57 | 2L1 | 35626000 |
| MOTORS.VEL-GEN | | AIR | 16.5 | | | | 57 | 2L1 | 35628000 |
| MOTORS.VEL-GEN | | AIR | 37.5 | | | | 57 | 2L1 | 35630000 |
| MOTORS.VEL-GEN | | AIR | 74.5 | | | | 57 | 2L1 | 35632000 |
| MOTORS.VELOCITY | | GEN | 44.8154 | 53.9797 | | 1.132 | 62 | 1078 | 35634000 |
| MOTORS.VIBRATOR | | AIR | 26.0869 | 58.0939 | | .115 | 61 | 1084 | 35636000 |
| MOTORS.WINDSHIELD-WIPER | ICE-AND-RAIN-PROTECTION.707.1318 | AIR | 60P | | | | 66 | 2361 | 35638000 |
| MOTORS.WINDSHIELD-WIPER | ICE-AND-RAIN-PROTECTION.707.1318 | AIR | 60P | | | | 66 | 2361 | 35640000 |
| MOTORS.WINDSHIELD-WIPER | ICE-AND-RAIN-PROTECTION.707.1318 | AIR | 130P | | | | 65 | 2361 | 35642000 |
| MOTORS.WINDSHIELD-WIPER | ICE-AND-RAIN-PROTECTION.707.131 | AIR | 260P | | | | 65 | 2361 | 35644000 |
| MOTORS.WINDSHIELD-WIPER | ICE-AND-RAIN-PROTECTION.707.131 | AIR | 330P | | | | 66 | 2361 | 35646000 |
| MOTORS.5CHP | | | 1.759 | | | | 61 | 2210 | 35648000 |
| MOTORS.10HP | | | 3.12 | | | | 63 | 2210 | 35650000 |
| MOTORS.15HP | | | 4.01 | | | | 62 | 2210 | 35652000 |
| MOTORS.10HP.3750RPM | | | 4.92 | | | | 64 | 2210 | 35654000 |
| MOTORS.15HP | | | 1.35 | | | | 63 | 2210 | 35656000 |
| MOTORS.15HP | | | 1.76 | | | | 62 | 2210 | 35658000 |
| MOTORS.15HP.12000RPM.440V | | | * | | | | 63 | 2210 | 35660000 |
| MOTORS.20HP | | | 4.01 | | | | 63 | 2210 | 35662000 |
| MOTORS.20HP | | | 5.25 | | | | 62 | 2210 | 35664000 |
| MOTORS.25HP | | | 7.26 | | | | 62 | 2210 | 35666000 |
| MOTORS.25HP | | | 7.5 | | | | 63 | 2210 | 35668000 |

PART CLASS 332 MOTORS AND MOTOR GENERATORS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 DYNAMOTOR | | | | | | | | | |
| MOTORS.400CPS | | LAB | 336.7 | 672.857 | | .01166 | 62 | 2L8 | 35670000 |
| MOTORS.5HP | | | 1.77 | | | | 63 | 2210 | 35672000 |
| MOTORS.5HP | | | 2.43028 | 3.94759 | | 3.2918 | 64 | 2210 | 35674000 |
| MOTORS.5HP | | | 2.66 | | | | 62 | 2210 | 35676000 |
| MOTORS.5HP | | | 3.94 | | | | 61 | 2210 | 35678000 |
| MOTORS.7.5HP | FAN | | 9.9385 | 10.5595 | | 46.164 | 62 | 2210 | 35680000 |
| MOTORS.7-1/2HP | | | 1.56 | | | | 63 | 2210 | 35682000 |
| MOTORS.7-1/2HP | | | 2.32 | | | | 62 | 2210 | 35684000 |
| MOTORS-FRACTIONAL-HP | | | 8.58019 | 8.98206 | | 93.238 | 61 | 2210 | 35686000 |
| MOTORS-INDUCTION-2-PHASE. 400CPS.26V | | SIM SAT | * | 1027.94 | 2 | .00224 | 65 | 1184 | 35688000A |
| SPIN-MOTOR | GYRO | LIFE LAB | 32.5936 | 39.5738 | 92 | 1.442 | 65 | 2460 | 35690000 |
| STABILIZER-DRIVE | FLIGHT-CONTROL.880 | AIR | 450P | | | | 66 | 2363 | 35692000 |
| STABILIZER-DRIVE | FLIGHT-CONTROL.880 | AIR | 840P | | | | 66 | 2363 | 35694000 |
| STABILIZER-DRIVE | FLIGHT-CONTROL.880 | AIR | 900P | | | | 65 | 2363 | 35696000 |
| TACHOMETER | | | 20 | | | | U | 2001 | 35698000 |
| TACHOMETER | GENERAL | GRD | 23 | | | .307 | U | 2001 | 35700000 |
| TACHOMETER | BOMBING/NAVIGATION-EQUIPMENT | AIR | 40 | | | 2.98 | 57 | 2001 | 35702000 |
| TACHOMETER | BOMBING/NAVIGATION-EQUIPMENT | AIR | 65 | | | .146 | 61 | 2001 | 35704000 |
| TACHOMETER | BOMBING/NAVIGATION-EQUIPMENT | AIR | 110 | | | | 54 | 2001 | 35706000 |
| TACHOMETER | BOMBING/NAVIGATION-EQUIPMENT | AIR | 130 | | | .553 | 55 | 2001 | 35708000 |
| TACHOMETER | BOMBING/NAVIGATION-EQUIPMENT | AIR | 210 | | | .295 | 57 | 2001 | 35710000 |
| TACHOMETER | BOMBING/NAVIGATION-EQUIPMENT | AIR | 520 | | | .12 | 57 | 2001 | 35712000 |
| TACHOMETER | BOMBING/NAVIGATION-EQUIPMENT | AIR | 700 | | | .64 | 58 | 2001 | 35714000 |
| TACHOMETER.INTEGRATING | BOMBING/NAVIGATION-EQUIPMENT | AIR | 420 | | | .022 | 61 | 2001 | 35716000 |
| TACHOMETER.INTEGRATING | BOMBING/NAVIGATION-EQUIPMENT | AIR | 700 | | | .09 | 55 | 2001 | 35718000 |
| .09 SERVO MOTOR | | | | | | | | | |
| | GENERATOR.TACHOMETER | LAB | * | 121.189 | 10 | .019 | 67 | 1267 | 35720000 |
| | | | .23 | | | | U | 2001 | 35722000 |
| | TACHOMETER | SUB | 1.12654 | 1.97748 | 84 | 5.326 | 66 | 1261 | 35724000A |
| | | | 1.7 | | | | U | 2001 | 35726000 |
| | | | 10 | | | | U | 2001 | 35728000 |
| | BOMBING/NAVIGATION-EQUIPMENT | AIR | 11 | | | 4.8 | 58 | 2001 | 35730000 |
| | | SHP | 13.3 | | | | U | 2M43 | 35732000 |
| | | SHP | 13.3 | | | | 61 | 2L10 | 35734000 |
| | GENERAL | SHP | 14 | | | | U | 2001 | 35736000 |
| | BOMBING/NAVIGATION-EQUIPMENT | AIR | 14 | | | 2.88 | 57 | 2001 | 35738000 |
| | AUTOMATIC-FLIGHT-CONTROL | AIR | 18 | | | | 57 | 2001 | 35740000 |
| | | AIR | 20 | | | | 61 | 1068 | 35742000 |
| | | | 20 | | | | U | 2001 | 35744000 |
| | | GRD | 22 | | | | 61 | 2M8 | 35746000 |
| | GENERAL | AIR | 25 | | | | U | 2001 | 35748000 |
| | BOMBING/NAVIGATION-EQUIPMENT | AIR | 34 | | | .125 | 61 | 2001 | 35750000 |

PART CLASS 532 MOTORS AND MOTOR GENERATORS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .09 SERVO MOTOR | | | | | | | | | |
| | | AIR | 44.1 | | | | 57 | 2L1 | 35752000 |
| | | AIR | 72.8 | | | | 61 | 2L10 | 35754000 |
| | | AIR | 72.8 | | | | U | 2M3 | 35756000 |
| | AUTOMATIC-FLIGHT-CONTROL | AIR | 80 | | | .476 | 56 | 2001 | 35758000 |
| | | GEN | 83.4 | | | | 57 | 2L1 | 35760000 |
| | GENERAL | AIR | 100 | | | | 57 | 2001 | 35762000 |
| | RADAR | AIR | 130 | | | 1.69 | 58 | 2001 | 35764000 |
| | BOMBING/NAVIGATION-EQUIPMENT | AIR | 150 | | | .226 | 57 | 2001 | 35766000 |
| | | AIR | 232 | | | | 57 | 2L1 | 35768000 |
| | GENERAL | AIR | 240 | | | | U | 2001 | 35770000 |
| | GENERAL | AIR | 550 | | | | U | 2001 | 35772000 |
| MK12-MOD-0 | | SUB | .443131 | .583153 | 766 | 54.16 | 66 | 1261 | 35774000A |
| MOTORS | | AIR | * | 56.1609 | 1 | .041 | 62 | 1099 | 35776000 |
| MOTORS | | AIR | * | 6.48619 | 5 | .355 | 62 | 1099 | 35778000 |
| MOTORS | | AIR | * | 209.327 | 1 | .011 | 62 | 1099 | 35780000 |
| MOTORS | | AIR | * | 82.2357 | 2 | .028 | 62 | 1099 | 35782000 |
| MOTORS | | AIR | * | 79.4 | 2 | .029 | 62 | 1099 | 35784000 |
| MOTORS | | AIR | * | 53.5488 | 2 | .043 | 62 | 1099 | 35786000 |
| MOTORS | | AIR | * | 109.647 | 4 | .021 | 62 | 1099 | 35788000 |
| MOTORS | | AIR | * | 575.65 | 1 | .004 | 62 | 1099 | 35790000 |
| MOTORS | | SIM AIR | * | 191.883 | | .012 | 63 | 1103 | 35792000A |
| MOTORS | | AIR | * | 44.2807 | 60 | .052 | 64 | 1146 | 35794000 |
| MOTORS | | LAB | .23 | | | | 63 | 1138 | 35796000 |
| MOTORS | | SHP | 6.91037 | 26.8792 | 423 | .14471 | 61 | 1131 | 35798000 |
| MOTORS | | GRD | 10 | | | | 6 | 1098 | 35800000 |
| MOTORS | | SUB | 11.8 | | | | 6 | 1092 | 35802000 |
| MOTORS | | AIR | 20.4778 | 26.9484 | 39 | 1.172 | 62 | 1099 | 35804000 |
| MOTORS | | AIR | 23.2558 | 90.4561 | 9 | .043 | 62 | 1093 | 35806000 |
| MOTORS | | AIR | 39.4114 | 45.9088 | 81 | 1.903 | 62 | 1099 | 35808000 |
| MOTORS | | LAB | 40 | | | | 61 | 1066 | 35810000 |
| MOTORS | | AIR | 43.4782 | 169.117 | 3 | .023 | 62 | 1099 | 35812000 |
| MOTORS | | AIR | 45.4545 | 176.804 | 60 | .022 | 64 | 1146 | 35814000 |
| MOTORS | | AIR | 55.5555 | 123.718 | | .054 | 59 | 1070 | 35816000 |
| MOTORS | | LAB | 80 | | | | 61 | 1086 | 35818000 |
| MOTORS | | AIR | 171.428 | 300.917 | 280 | .035 | 62 | 1099 | 35820000 |
| MOTORS | | AIR | 208.333 | 386.445 | 1 | .024 | 62 | 1099 | 35822000 |
| MOTORS | | AIR | 292.207 | 356.35 | 20 | .154 | 62 | 1099 | 35824000 |
| MOTORS | | AIR | 100 | | | | 61 | 1068 | 35826000 |
| 26VAC,400-CPS | | | | | | | | | |
| MOTORS.GEAR | ANGLE-POSITION.RADAR | SIM GRD AIR | * | 82.9765 | 199 | .02775 | 64 | 1141 | 35828000A |
| MOTORS.GENERATOR | | AIR GND | 38.7931 | 48.4677 | | .928 | 61 | 1087 | 35830000 |
| MOTORS.INSTRUMENT | | AIR GND | 14.2857 | 24.0222 | | .49 | 61 | 1087 | 35832000 |
| MOTORS.400CPS | | GRD | 306.278 | 612.063 | | .01306 | 64 | 1180 | 35834000 |
| MOTORS-CONTROL | | AIR GND | 41.958 | 73.651 | 2990 | .143 | 63 | 1221 | 35836000 |
| POWER-TYPE | | AIR | 35.7142 | 138.917 | | .028 | 61 | 1082 | 35838000 |

PART CLASS 532 MOTORS AND MOTOR GENERATORS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .04 SERVO MOTOR | | | | | | | | | |
| POWER-TYPE | | AIR | 57.0175 | 89.1485 | | .228 | 61 | 1064 | 35840500 |
| POWER-TYPE | | AIR | 107.361 | 125.751 | | .652 | 61 | 1063 | 35842000 |
| POWER-TYPE | | GRD | 10272.7 | 11625.4 | | .011 | 61 | 1081 | 35844000 |
| SPEED-STABILITY | AUTO-PILOT.880 | AIR | 160P | | | | 65 | 2340 | 35846000 |
| SPEED-STABILITY | AUTO-PILOT.880 | AIR | 300P | | | | 66 | 2363 | 35848000 |
| SPEED-STABILITY | AUTO-PILOT.880 | AIR | 320P | | | | 65 | 2365 | 35850000 |
| SPEED-STABILITY | AUTO-PILOT.880 | AIR | 540P | | | | 65 | 2363 | 35852000 |
| SPEED-STABILITY | AUTO-PILOT.880 | AIR | 630P | | | | 66 | 2345 | 35854000 |
| .20 MINIATURE | | | | | | | | | |
| MOTOR | | GEN | 40 | 49.1319 | | 1.09 | 62 | 1078 | 35856000 |
| .29 MINIATURE, SERVO MOTOR | | | | | | | | | |
| MOTOR-GENERATORS.26VAC. 400CPS | | AIR | 68.9013 | 80.3449 | 5322 | 1.074 | 66 | 1253 | 35858000A |
| MOTORS-GENERATORS 26VAC.400CPS | | GRD | * | 304.98 | 10 | .00755 | 65 | 1177 | 35860000A |
| | | AIR | * | 11.6883 | 1066 | .197 | 66 | 1253 | 35862000A |

PART CLASS 540 MOUNTS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| | MARKER-BEACON-EQUIPMENT | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 35864000 |
| | CAMERA.GUNSIGHT/REFLECTOR | AIR | * | 49.3379 | | .04847 | 65 | 1123 | 35866000 |
| | COMPARATOR.DOPPLER-RADAR.AN/ASN-147 | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 35868000 |
| | LORAN-SYSTEM.AN/APN-151.MT-2683 | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 35870000 |
| | LIAISON-RADIO.ARC-21 | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 35872000 |
| | AN/ARC-90.UHF-COMM-SYS.MT-1932/A | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 35874000 |
| | JET-ENGINE/FUSELAGE.AFT | AIR | * | 24.527 | | .09388 | 63 | 1123 | 35876000 |
| | CONTROL.ELEVATOR-TRIM-TAB.AUTOPILOT | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 35878000 |
| | IFF-SYSTEM-AN/APX-28 | AIR | * | 6.59562 | 300 | .34911 | 65 | 1198 | 35880000 |
| | DETECTOR.COMPASS.N-1 | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 35882000 |
| | COMMAND-RADIO.ARC-34 | AIR | * | 96.4641 | 62 | .02387 | 63 | 1111 | 35884000 |
| | COMPARATOR.DOPPLER-RADAR.AN/ASN-147 | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 35886000 |
| | AMPLIFIER/POWER-SUPPLY.TOSS-BOMB-COMPUTER | SIM GRD AIR | * | 82.9765 | 195 | .02775 | 64 | 1181 | 35888000 |
| | HUMIDITY-TEMP.AN/AMQ-7 | AIR | * | 220.344 | 50 | .01045 | 65 | 1198 | 35890000 |
| | HIGH-RANGE.ALTIMETER.SCR-718 | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 35892000 |
| | ACCESSORY.HF-COMM-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 35894000 |
| | HF-COMMUNICATION-SYSTEM | AIR | * | 9.89344 | 200 | .23274 | 65 | 1198 | 35896000 |
| | AMPLIFIER.MAIN.AUTOPILOT-SYSTEM.MA-2 | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 35898000 |
| | AN-ASN-54 | AIR | * | 401.149 | | .00574 | 65 | 1188 | 35900000 |
| | ANTENNA.TOSS-BOMB-RADAR | SIM GRD AIR | * | 82.9765 | 195 | .02775 | 64 | 1181 | 35902000A |
| | AN/AIC-30-P-A-SYSTEM.MT-1424 | AIR | * | 31.049 | 144 | .07416 | 65 | 1227 | 35904000 |
| | GYROSCOPE.VERTICAL.AUTOPILOT-SYSTEM.MA-2 | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 35906000 |
| | GYROSCOPE.FLIGHT-INSTRUMENT | AIR | * | 96.4641 | 62 | .02387 | 63 | 1111 | 35908000 |
| | GUN-TURRET.FIRE-CONTROL-SYSTEM | AIR | * | 24.1184 | 248 | .0955 | 65 | 1118 | 35910000 |
| | AN-ASN-35-COMPUTER | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 35912000 |
| | DUAL.370E-2.VHF-COMMUNICATION.181 | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 35914000 |
| | GAS-TURBINE-COMPR.AUX-POWER-PLANT | AIR | * | 6.59562 | 300 | .34911 | 65 | 1198 | 35916000 |
| | AN/ARC-90.UHF-COMM-SYS.MT-1995/A | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 35918000 |
| | AUTO-APPROACH.AUTOPILOT-SYSTEM.MA-2 | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 35920000 |
| | CAMERA | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 35922000 |
| | ENGINE | SIM MSL | * | 92.104 | | .025 | 62 | 1069 | 35924000 |
| | AMPLIFIER.SAFETY-MONITOR.AUTOPILOT.MA-2 | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 35926000 |
| | FRONT.ENGINE-NACELLE.TURBOPROP-PWR-PLT | AIR | * | 2.47333 | 800 | .93097 | 65 | 1198 | 35928000 |
| | FLARE-PISTOL.PYROTECHNIC.SURVIVAL-EQUIPMENT | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 35930000 |
| | FLAP-CONTROL | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 35932000 |
| | ENGINE-STARTER-NIPPLE | AIR | * | 46.3393 | | .04969 | 63 | 1123 | 35934000 |
| | ALTIMETER.AN/APN-150.MT-2585 | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 35936000 |
| | ENGINE.ENGINE-NACELLE | AIR | * | 11.6434 | 384 | .19776 | 65 | 1227 | 35938000 |
| | DUAL.370E-2.VHF-COMMUNICATION.181 | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 35940000 |
| | AN/AIC-30.P-A-SYSTEM.MT-1424 | AIR | * | 18.6596 | 228 | .1234 | 66 | 1250 | 35942000 |

PART CLASS 540 MOUNTS

| PART DESCRIPTION .00 N.O.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| PANEL.2-POSITION-WING-SELECTOR-VALVE | | AIR | * | 46.3393 | | .04969 | 63 | 1125 | 35944000 |
| PUBLIC-ADDRESS-SYSTEM.AN/AIC-13 | | AIR | * | 9.05323 | 130 | .25434 | 63 | 1198 | 35946000 |
| PUBLIC-ADDRESS-SYSTEM.AN/AIC-13 | | AIR | * | 4.94672 | 480 | .46548 | 65 | 1198 | 35948000 |
| RADAR.TOSS-BOMB-SYSTEM | | SHR GRD AIR | * | 82.9765 | 195 | .02775 | 64 | 1181 | 35950000 |
| TACAN-SYSTEM.AN/ARN-21C.MT-1995/A | | AIR | * | 48.5736 | 96 | .04944 | 65 | 1227 | 35952000 |
| UHF-O-F-SYS.AN/ARA-25 | | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 35954000 |
| RELAY.ANTENNA-GROUNDING.HF-COMMUNICATION | | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 35956000 |
| SHOCK.INSTRUCTOR-COMPARTMENT | | AIR | * | 3.03763 | 1892 | .45708 | 65 | 1228 | 35958000 |
| TACAN-SYSTEM.AN/ARN-21C.REC-TRANS | | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 35960000 |
| ACCESSORY.HF-COMMUNICATION-SYSTEM | | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 35962000A |
| REAR.ENGINE-NACELLE.TURBOPROP-PWR-PLT | | AIR | * | 4.94672 | 480 | .46548 | 65 | 1198 | 35964000 |
| RECEIVER-XMTR.DOPPLER-RADAR.AN/ASN-147 | | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 35966000 |
| ENGINE.ENGINE-NACELLE | | AIR | * | 6.99876 | 608 | .329 | 66 | 1230 | 35968000 |
| RADAR-ALTIMETER.APN-22 | | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 35970000 |
| RECEIVER.AN/ARN-67 | | AIR | * | 9.09344 | 200 | .23274 | 65 | 1198 | 35972000 |
| RECEIVER.AN/ARN-31 | | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 35974000 |
| VIBRATION.ISOLATION | | GRD | * | 234.719 | | .00981 | 64 | 1180 | 35976000 |
| SERVO.ELEVATOR.AFCS | | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 35978000 |
| POWER-SUPPLY.SEARCH-RADAR.AN/APN-59 | | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 35980000 |
| RECEIVER-XMTR.DOPPLER-RADAR.AN/ASN-147 | | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 35982000 |
| VIBRATION.AUX-POWER-UNIT | | AIR | * | 31.049 | 144 | .07416 | 65 | 1227 | 35984000 |
| RADAR-BEACON.APN-69 | | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 35986000 |
| SERVO.AILERON. AUTO-FLIGHT-CONTROL-SYSTEM | | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 35988000 |
| SERVO.REPEATER.AUTOPILOT | | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 35990000 |
| UHF-O-F-SYS.AN/ARA-25 | | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 35992000 |
| FLARE-PISTOL.PYROTECHNIC. SURVIVAL-EQUIPMENT | | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 35994000 |
| SERVO.YAW-DAMPER.RUDDER.AFCS | | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 35996000 |
| SHOCK | | GRD | * | 192.043 | | .01199 | 64 | 1180 | 35998000 |
| VHF-COMMUNICATION.AN/ARC-49 | | AIR | * | 27.1597 | 50 | .08478 | 63 | 1198 | 36000000 |
| VHF-COMMUNICATION.AN/ARC-49 | | AIR | * | 9.07178 | 100 | .25382 | 65 | 1198 | 36002000 |
| AMPLIFIER.SEARCH-RADAR.AN/APN-59 | | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 36004000A |
| TACAN-SYSTEM.AN/ARN-21C.MT-1932/A | | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 36006000 |
| SYNC.SEARCH-RADAR.AN/APN-59 | | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 36008000 |
| SERVO.AILERON.AUTO-FLT-CONT-SYSTEM | | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 36010000 |
| SYNC.SEARCH-RADAR.AN/APN-59 | | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 36012000 |
| SERVO.ELEVATOR.AFCS | | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 36014000 |
| SERVO.YAW.DAMPER.RUDDER.AFCS | | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 36016000 |
| SHOCK.STUDENT-COMPARTMENT | | AIR | * | 5.03763 | 1892 | .45708 | 65 | 1228 | 36018000 |
| UHF-COMM.AN/ARC-34 | | AIR | * | 27.1597 | 50 | .08478 | 63 | 1198 | 36020000 |

PART CLASS 54C MOUNTS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.E.C. | | | | | | | | | |
| | TACAN.SYSTEM.AN/ARN-21B | AIR | * | 48.2219 | 124 | .04775 | 63 | 1111 | 36022000 |
| | SHOCK.INSTRUCTOR-COMPARTMENT.AFT | AIR | .482742 | 1.87772 | 2388 | 2.0715 | 67 | 1272 | 36024000 |
| | SHOCK.STUDENT-COMPARTMENT | AIR | 2.85192 | 11.0931 | 1624 | 2.1364 | 64 | 1179 | 36026000 |
| | AN/APN-70.LORAN | AIR | 2.86442 | 11.1417 | 300 | .34911 | 65 | 1198 | 36028000 |
| | DIFFUSER-EXHAUST.TURBOJET.J-85 | AIR | 2.91711 | 7.76286 | 2838 | .68361 | 65 | 1228 | 36030000 |
| | GEARBOX.ACCESSORY-DRIVE, AIRFRAME-MOUNT | AIR | 3.86212 | 7.71801 | 1194 | 1.0357 | 67 | 1272 | 36032000 |
| | AN/APN-70.LORAN | AIR | 3.9398 | 15.3246 | 100 | .25382 | 65 | 1198 | 36034000 |
| | REAR.ENGINE-NACELLE.TURBOPROP-PWR-PLT | AIR | 3.93987 | 10.4846 | 200 | .50763 | 65 | 1198 | 36036000 |
| | VHF-NAV-SYS.AN/ARN-14 | AIR | 4.29684 | 16.7126 | 200 | .23274 | 65 | 1198 | 36038000 |
| | AN/APN-22.LOW-RANGE-ALTIMETER | AIR | 4.29564 | 16.7126 | 200 | .23274 | 65 | 1198 | 36040000 |
| | HF-COMMUNICATION-SYSTEM | AIR | 5.68191 | 22.1005 | 204 | .176 | 63 | 1114 | 36042000 |
| | VHF-NAV-SYS.AN/ARN-14 | AIR | 5.89761 | 22.9399 | 100 | .16956 | 63 | 1198 | 36044000 |
| | VHF-NAV-SYS.AN/ARN-14 | AIR | 6.7114 | 26.1053 | 100 | .149 | 63 | 1114 | 36046000 |
| | AN/APN-22.LOW-RANGE-ALTIMETER | AIR | 7.8796 | 20.9687 | 100 | .25382 | 65 | 1198 | 36048000 |
| | AN-ASN-35-COMPUTER | AIR | 8.59328 | 33.4252 | 100 | .11637 | 65 | 1198 | 36050000 |
| | HIGH-RANGE-ALTIMETER | AIR | 8.59328 | 33.4252 | 100 | .11637 | 65 | 1198 | 36052000 |
| | AN/ARN-58.LOCALIZER | AIR | 8.7512 | 34.0395 | 473 | .11427 | 65 | 1228 | 36054000 |
| | AN/ARN-58.LOCALIZER | AIR | 9.65456 | 17.9056 | 597 | .51789 | 67 | 1272 | 36056000 |
| | JET-ENGINE/FUSELAGE.FORWARD | AIR | 10.0633 | 39.1436 | | .09937 | 63 | 1123 | 36058000 |
| | DOPPLER-DRIFT.AN/APA-56A | AIR | 11.3536 | 44.2201 | 102 | .088 | 63 | 1114 | 36060000 |
| | SEARCH-RADAR.AN/APN-59 | AIR | 11.4577 | 22.0994 | 300 | .34911 | 65 | 1198 | 36062000 |
| | PISTOL.PYROTECHNIC.EMERGENCY-EQUIPMENT | AIR | 11.7952 | 45.8799 | 50 | .08478 | 63 | 1198 | 36064000 |
| | RECEIVER.AN/ARN-18/31 | AIR | 11.7952 | 45.8799 | 50 | .08478 | 63 | 1198 | 36066000 |
| | UHF-D-F-SYS.AN/ARA-25 | AIR | 11.7952 | 45.8799 | 50 | .08478 | 65 | 1198 | 36068000 |
| | HF-COMMUNICATION-SYSTEM | AIR | 11.7952 | 31.3888 | 100 | .16956 | 63 | 1198 | 36070000 |
| | HF-COMMUNICATION-SYSTEM | AIR | 11.8196 | 26.321 | 100 | .25382 | 65 | 1198 | 36072000 |
| | TACAN-SYSTEM.AN/ARN-21C.REC-TRANS | AIR | 12.1565 | 47.2854 | 152 | .08226 | 66 | 1250 | 36074000A |
| | POWER-SUPPLY.SEARCH-RADAR.AN/APN-59 | AIR | 12.1565 | 47.2854 | 152 | .08226 | 66 | 1250 | 36076000A |
| | DIFFUSER-EXHAUST.TURBOJET.J-85 | AIR | 13.0898 | 26.1586 | 2436 | .30558 | 64 | 1179 | 36078000 |
| | PISTOL.PYROTECHNIC.EMERGENCY-EQUIPMENT | AIR | 13.3333 | 51.8626 | 50 | .075 | 63 | 1114 | 36080000 |
| | UHF-D-F-SYS.AN/ARA-25 | AIR | 13.3333 | 51.8626 | 50 | .075 | 63 | 1114 | 36082000 |
| | RECEIVER.AN/ARN-18/31 | AIR | 13.3333 | 51.8626 | 50 | .075 | 63 | 1114 | 36084000 |
| | HF-COMMUNICATION-SYSTEM | AIR | 13.4228 | 35.7201 | 100 | .149 | 63 | 1114 | 36086000 |
| | FRONT.ENGINE-NACELLE.TURBOPROP-PWR-PLT | AIR | 14.7739 | 20.9715 | 400 | 1.0153 | 65 | 1198 | 36088000 |
| | IFF-SYSTEM.AN/APX-25 | AIR | 15.7391 | 41.9315 | 50 | .12691 | 65 | 1198 | 36090000 |
| | AN/ARC-38-HF-COMMUNICATION-SYSTEM | AIR | 15.9795 | 29.641 | 189 | .3129 | 64 | 1140 | 36092000 |
| | AN/ARD-11-AUTOMATIC-DIRECTION-FINDER | AIR | 18.7617 | 49.9277 | 63 | .1066 | 64 | 1140 | 36094000 |
| | AN/ARC-52-UHF-COMMUNICATION-SYSTEM | AIR | 19.4331 | 51.9742 | 63 | .1026 | 64 | 1140 | 36096000 |
| | AN/ASN-28-RADAR-TRANSMITTER | AIR | 21.5424 | 83.7936 | 63 | .04642 | 64 | 1155 | 36098000 |
| | ENGINE.STEADYING.BUILDUP.TURBOJET | AIR | 21.878 | 40.5823 | 746 | .22854 | 65 | 1228 | 36100000 |

PART CLASS 540 MOUNTS

| PART DESCRIPTION .00 N.O.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| | SEARCH-RADAR.AN/APN-59 | AIR | 22.7272 | 60.4806 | 102 | .088 | 63 | 1114 | 36102000 |
| | VHF-NAV-SYS.AN/ARN-14 | AIR | 22.7272 | 60.4806 | 102 | .088 | 63 | 1114 | 36104000 |
| | IFF-SYSTEM.AN/APX-25 | AIR | 22.7272 | 60.4806 | 102 | .088 | 63 | 1114 | 36106000 |
| | AN/ARN-58.GLIDE-SLOPE/MARKER-BEACON | AIR | 22.8154 | 60.7152 | 404 | .08766 | 64 | 1179 | 36108000 |
| | SHOCK.CONTROL-AMPLIFIER.RADAR-SYSTEM | AIR | 23.5793 | 91.7165 | | .04241 | 63 | 1123 | 36110000 |
| | PUBLIC-ADDRESS-SYSTEM | AIR | 23.5904 | 62.7777 | 50 | .08478 | 63 | 1198 | 36112000 |
| | SEARCH-RADAR.AN/APN-59 | AIR | 23.6387 | 52.642 | 58 | .12691 | 65 | 1198 | 36114000 |
| | TACAN-SYSTEM.AN/ARN-21C. INDICATOR-COUPLER | AIR | 24.3131 | 64.7009 | 152 | .08226 | 66 | 1250 | 36116000 |
| | MH-67-AUTOMATIC-FLIGHT-CONTROL-SYSTEM | AIR | 24.414 | 45.2866 | 126 | .2048 | 64 | 1140 | 36118000 |
| | TRUNNION.FUSELAGE.AFT-CENTER-SECTION | AIR | 26.2936 | 46.0142 | 946 | .22854 | 65 | 1228 | 36120000 |
| | PUBLIC-ADDRESS-SYSTEM | AIR | 26.6666 | 70.964 | 50 | .075 | 63 | 1114 | 36122000 |
| | ENGINE.GIPOD.W/HARDWARE | HELI | 28.9017 | 112.419 | 40 | .0346 | 66 | 1257 | 36124000 |
| | DETECTOR.AN/ASQ-10-MAGNETIC-ANOMALY | AIR | 29.1163 | 77.4828 | 48 | .06869 | 64 | 1162 | 36126000 |
| | FRONT.ENGINE-NACELLE.TURBOPROP-PWR-PLT | AIR | 29.4885 | 39.876 | 400 | .67823 | 63 | 1198 | 36128000 |
| | ENGINE-NACELLE.FRONT.TURBOPROP-PWR-PLT | AIR | 30.05 | 41.3293 | 400 | .599 | 63 | 1114 | 36130000 |
| | DOPPLER-DRIFT.AN/APA-32A | AIR | 31.5163 | 62.9859 | 50 | .12691 | 65 | 1198 | 36132000 |
| | AN/APS-82-RADAR-SET | AIR | 34.2179 | 54.0111 | 378 | .26302 | 64 | 1155 | 36134000 |
| | AN/ARN-58.LOCALIZER | AIR | 34.2231 | 76.2126 | 406 | .06766 | 64 | 1179 | 36136000 |
| | AN/ARN-58.GLIDE-SLOPE/MARKER-BEACON | AIR | 35.0048 | 69.9531 | 473 | .11427 | 65 | 1228 | 36138000 |
| | TRUNNION.FUSELAGE.AFT-CENTER-SECTION | AIR | 35.7246 | 44.4946 | 1194 | 1.0357 | 67 | 1272 | 36140000 |
| | ENGINE-NACELLE.REAR.TURBOPROP-PWR-PLT | AIR | 36.7892 | 55.9122 | 200 | .299 | 63 | 1114 | 36142000 |
| | ENGINE.TURBOJET.J-85 | AIR | 39.3809 | 50.4399 | 2838 | .68561 | 65 | 1228 | 36144000 |
| | VHF-NAV-SYS.AN/ARN-14 | AIR | 39.3979 | 73.0803 | 50 | .12691 | 65 | 1198 | 36146000 |
| | ENGINE-DOME/ENGINE | AIR | 40.2495 | 107.11 | | .04969 | 63 | 1123 | 36148000 |
| | REAR.ENGINE-NACELLE.TURBOPROP-PWR-PLT | AIR | 41.2833 | 59.3536 | 200 | .33912 | 63 | 1198 | 36150000 |
| | ENGINE | AIR | 42.1052 | 84.1426 | | .095 | 63 | 2127 | 36152000 |
| | TACAN-SYSTEM.AN/ARN-21 | AIR | 47.2775 | 62.9887 | 50 | .12691 | 65 | 1198 | 36154000 |
| | SHORAN.AN/APN-84.MIRAN-SYSTEM | AIR | 47.8697 | 186.199 | 100 | .02089 | 63 | 1198 | 36156000 |
| | AN/ARN-58.GLIDE-SLOPE/MARKER-BEACON | AIR | 50.2037 | 65.3351 | 597 | .51789 | 67 | 1272 | 36158000 |
| | SHORAN.AN/APN-84.MIRAN-SYSTEM | AIR | 52.6315 | 204.721 | 100 | .019 | 63 | 1114 | 36160000 |
| | GAS-TURBINE-COMPR.AUX-POWER-PLANT | AIR | 56.8181 | 109.394 | 102 | .088 | 63 | 1114 | 36162000 |
| | GAS-TURBINE-COMPR.AUX-POWER-PLANT | AIR | 62.7222 | 89.4577 | 150 | .225 | 63 | 1114 | 36164000 |
| | GAS-TURBINE-COMPR.AUX-POWER-PLANT | AIR | 62.8079 | 88.2739 | 150 | .25434 | 63 | 1198 | 36166000 |
| | UHF-COMM.AN/ARC-34 | AIR | 64.1161 | 171.687 | 136 | .031 | 63 | 1114 | 36168000 |
| | ENGINE.POWER-PLANT | AIR | 67.1389 | 86.1196 | 252 | .43194 | 65 | 1155 | 36170000 |
| | IFF-SYSTEM.AN/APX-25 | AIR | 70.7714 | 124.228 | 50 | .08478 | 63 | 1198 | 36172000 |
| | RADAR-ALTIMETER.AN/APN-117 | AIR | 72.4907 | 135.022 | 48 | .06869 | 64 | 1162 | 36174000 |
| | RADIO-COMPASS.AN/ARN-( | AIR | 76.669 | 111.806 | 100 | .16956 | 63 | 1198 | 36176000 |
| | UHF-COMM.AN/ARC-34 | AIR | 78.7959 | 121.398 | 50 | .12691 | 65 | 1198 | 36178000 |

PART CLASS 540 MOUNTS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .09 N.O.C. | | | | | | | | | |
| | ENGINE.TRIPOD.W/HARDWARE | HELI | 78.9265 | 307 | 40 | .01267 | 66 | 1257 | 36180000 |
| | IFF-SYSTEM.AN/APX-25 | AIR | 80 | 140.428 | 50 | .075 | 63 | 1114 | 36182000 |
| | RADIO-COMPASS.AN/APN-6 | AIR | 80.5369 | 119.339 | 100 | .149 | 63 | 1114 | 36184000 |
| | AMPLIFIER.SEARCH-RADAR.AN/APN-59 | AIR | 80.9061 | 215.303 | 48 | .02472 | 65 | 1127 | 36186000 |
| | AN/ASA-24-NAVIGATION-COMPUTER | AIR | 85.7632 | 171.388 | 63 | .04664 | 64 | 1155 | 36188000 |
| | ENGINE.TRIPOD.W/HARDWARE | HELI | 86.7052 | 193.086 | 40 | .0346 | 66 | 1257 | 36190000 |
| | UHF-COMM.AN/ARC-34 | AIR | 90.909 | 147.667 | 102 | .088 | 63 | 1114 | 36192000 |
| | OBLIQUE.CAMERA | AIR | 95.6937 | 372.22 | 50 | .01045 | 63 | 1198 | 36194000 |
| | ENGINE.TURBOJET.J-85 | AIR | 96.9637 | 116.791 | 2436 | .52397 | 64 | 1179 | 36196000 |
| | TRUNNION.FUSELAGE.AFT-CENTER-SECTION | AIR | 96.9655 | 134.645 | 812 | .17532 | 64 | 1179 | 36198000 |
| | TACAN.SYSTEM.AN/ARN-21C-INDICATOR-COUPLER | AIR | 101.132 | 187.595 | 96 | .04944 | 65 | 1227 | 36200000 |
| | GEARBOX.ACCESSORY-DRIVE.AIRFRAME-MOUNT | AIR | 103.014 | 138.197 | 946 | .22854 | 65 | 1228 | 36202000 |
| | CAMERA.OBLIQUE | AIR | 111.111 | 432.188 | 50 | .009 | 63 | 1114 | 36204000 |
| | AN/ARN-65.TACAN-RADIO | AIR | 113.765 | 165.904 | 473 | .11427 | 65 | 1228 | 36206000 |
| | AN/ARN-65.TACAN-RADIO | AIR | 114.077 | 175.754 | 406 | .08766 | 64 | 1179 | 36208000 |
| | MARKER-BEACON-EQUIPMENT | AIR | 117.952 | 181.725 | 50 | .08478 | 63 | 1198 | 36210000 |
| | PISTOL.PYROTECHNIC.EMERGENCY-EQUIPMENT | AIR | 118.193 | 167.775 | 50 | .12691 | 65 | 1198 | 36212000 |
| | MARKER-BEACON-EQUIPMENT | AIR | 133.333 | 205.422 | 50 | .075 | 63 | 1114 | 36214000 |
| | ENGINE.STEADYING.BUILDUP.TURBOJET.J-85 | AIR | 148.3 | 192.997 | 812 | .17532 | 64 | 1179 | 36216000 |
| | GAS-TURBINE-COMPR.AUX-POWER-PLANT | AIR | 149.712 | 204.101 | 50 | .12691 | 65 | 1198 | 36218000 |
| | PISTOL.PYROTECHNIC.EMERGENCY-EQUIPMENT | AIR | 154.679 | 212.737 | 100 | .11637 | 65 | 1198 | 36220000 |
| | AMPLIFIER.AN/APN-22-RADAR-ALTIMETER | AIR | 160 | 296.79 | 63 | .03125 | 64 | 1155 | 36222000 |
| | VIBRATION.RCVR-XMTR.TACAN.ARN-21 | AIR | 163.296 | 238.135 | | .07961 | 63 | 1123 | 36224000 |
| | AN/ARC-34X.UHF-COMMUNICATION-SYSTEM | AIR | 166.272 | 226.678 | 473 | .11427 | 65 | 1228 | 36226000 |
| | TACAN-SYSTEM.AN/ARN-65 | AIR | 175.712 | 201.754 | 597 | .51789 | 67 | 1272 | 36228000A |
| | ENGINE.BIPOD.W/HARDWARE | HELI | 185.185 | 720.314 | 20 | .0054 | 66 | 1257 | 36230000 |
| | PISTOL.PYROTECHNIC.EMERGENCY-EQUIPMENT | AIR | 193.181 | 268.251 | 102 | .088 | 63 | 1114 | 36232000 |
| | TRANSMISSION.NO-5 | HELI | 202.312 | 340.199 | 40 | .0346 | 66 | 1257 | 36234000 |
| | SEXTANT.NAVIGATION-INSTRUMENTATION | AIR | 204.545 | 281.321 | 102 | .088 | 63 | 1114 | 36236000 |
| | TACAN-SYSTEM.AN/ARN-21 | AIR | 235.904 | 319.003 | 50 | .08478 | 63 | 1198 | 36238000 |
| | AN/ARC-34X.UHF-COMMUNICATION-SYSTEM | AIR | 262.377 | 347.402 | 406 | .08766 | 64 | 1179 | 36240000 |
| | TACAN-SYSTEM.AN/ARN-21 | AIR | 266.666 | 360.601 | 50 | .075 | 63 | 1114 | 36242000 |
| | CONVERGENT.CAMERA.ART-23 | AIR | 287.081 | 639.311 | 50 | .01045 | 63 | 1198 | 36244000 |
| | SEXTANT.NAVIGATION-INSTRUMENTATION | AIR | 300.764 | 377 | 100 | .11637 | 65 | 1198 | 36246000 |
| | SEXTANT.NAVIGATION-INSTRUMENTATION | AIR | 333.333 | 436.149 | 50 | .075 | 63 | 1114 | 36248000 |
| | ENGINE | AIR | 333.333 | 425.723 | 360 | .09 | 65 | 1215 | 36250000 |
| | CAMERA.CONVERGENT.ART-23 | AIR | 333.333 | 742.311 | 50 | .009 | 63 | 1114 | 36252000 |
| | SEXTANT.NAVIGATION-INSTRUMENTATION | AIR | 342.061 | 438.765 | 50 | .08478 | 63 | 1198 | 36254000 |
| | SEXTANT.NAVIGATION-INSTRUMENTATION | AIR | 386.1 | 466.858 | 50 | .12691 | 65 | 1198 | 36256000 |

PART CLASS 54G MOUNTS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .CG N.B.C. | | | | | | | | | |
| | TRANSMISSION.NO-5 | HELI | 394.632 | 732.02 | 40 | .01267 | 66 | 1257 | 3629##90 |
| | CAMERA-CONTROL-SYSTEM | AIR | 478.468 | 887.531 | 50 | .01045 | 63 | 1198 | 3626##30 |
| | POWER-SUPPLY.FLIGHT-TRACK-NAV | AIR | 478.468 | 887.531 | 50 | .01045 | 63 | 1198 | 3626.### |
| | SEXTANT.FLIGHT INSTRUMENT | AIR | 502.512 | 882.085 | 31 | .01194 | 63 | 1111 | 3626##00 |
| | OXYGEN-SUPPLY-SYSTEM | AIR | 502.652 | 891.323 | 93 | .03581 | 63 | 1111 | 3626##00 |
| | CAMERA.CONTROL-SYSTEM | AIR | 555.555 | 1030.52 | 50 | .009 | 63 | 1114 | 3627##00 |
| | ENGINE.TRIPOD.W/HARDWARE | HELI | 740.74 | 1460.28 | 20 | .0054 | 66 | 1257 | 3627##00 |
| | AN/ARC-34X.UHF-COMMUNICATION-SYSTEM | AIR | 870.841 | 925.729 | 597 | .51789 | 67 | 1272 | 3627##30 |
| | SHOCK.HYDRAULIC-SYSTEM | AIR | 921.53 | 1084.62 | 186 | .07162 | 63 | 1111 | 3627##00 |
| | VERTICAL.CAMERA.ART-25 | AIR | 1009.26 | 1349.17 | 100 | .02089 | 63 | 1198 | 3627##00 |
| | CAMERA.VERTICAL.ART-25 | AIR | 1052.63 | 1423.42 | 100 | .019 | 63 | 1114 | 3627##00 |
| | CAMERA.TV-VIEW-FINDER.FLIGHT-TRACK-NAV | AIR | 1052.63 | 1588.33 | 50 | .01045 | 63 | 1198 | 3628##00 |
| | CAMERA.TV-VIEW-FINDER.FLIGHT-TRACK-NAV | AIR | 1222.22 | 1844.23 | 50 | .009 | 63 | 1114 | 3628##00 |
| | CONTROL-PANEL.FLIGHT-TRACK-NAV | AIR | 1435.4 | 2037.55 | 50 | .01045 | 63 | 1198 | 3628##00 |
| A-28-TYPE | APR-6-SYSTEM | AIR | 95.6937 | 372.22 | 50 | .01045 | 63 | 1198 | 3628##00 |
| A-28-TYPE | APR-6-SYSTEM | HELI | 111.111 | 432.188 | 50 | .009 | 63 | 1114 | 3628##00 |
| CORNER.N/HARDWARE | TRANSMISSION | HELI | 146.52 | 292.804 | 80 | .0273 | 66 | 1257 | 3629##00 |
| CORNER.N/HARDWARE | TRANSMISSION | HELI | 238.267 | 300.75 | 160 | .1385 | 66 | 1257 | 3629##00 |
| CORNER.N/HARDWARE | TRANSMISSION | HELI | 571.992 | 733.698 | 160 | .0507 | 66 | 1257 | 3629##00 |
| CORNER.N/HARDWARE | TRANSMISSION | HELI | 1013.82 | 1351.16 | 80 | .0217 | 66 | 1257 | 3629##00 |
| FRONT.RECOIL.COUNTER-RECOIL | GUN | AIR | * | 11.5859 | | .19874 | 63 | 1123 | 3629##00 |
| ISOLATION | AZIMUTH-INDICATOR.AN/ARN-14 | AIR | 12.8899 | 28.7049 | 200 | .23274 | 65 | 1198 | 3630##00 |
| MOUNTING.ENGINE.AIRCRAFT | | AIR | 134.259 | 159.798 | | .432 | 63 | 2109 | 3630##00 |
| MT-1175 | ARN-30A | HELI | 185.185 | 720.314 | 20 | .0054 | 66 | 1257 | 3630##00 |
| MT-1932/A | AN/ARC-90-UHF-COMMUNICATION-SYSTEM | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 3630##00 |
| MT-1932/A | TACAN-SYSTEM.AN/ARN-21C. | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 3630##00 |
| MT-1995/A | AN/ARC-90-UHF-COMMUNICATION-SYSTEM | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 3631##00 |
| MT-1995/A | TACAN-SYSTEM.AN/ARN-21C | AIR | 12.1565 | 47.2854 | 152 | .08226 | 66 | 1250 | 3631##00 |
| MT-2683 | LORAN-SYSTEM.AN/APN-151 | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 3631##00 |
| RESILIENT | | GRD | * | 455.059 | | .00506 | 64 | 1188 | 3631##00 |
| SHOCK | STUDENT-COMPARTMENT | AIR | 1.44822 | 3.2251 | 2388 | 2.0715 | 67 | 1272 | 3631##00 |
| SHOCK | STUDENT-COMPARTMENT | AIR | 1.93096 | 3.85882 | 2388 | 2.0715 | 67 | 1272 | 3631##00 |
| VIBRATION | AUXILIARY-POWER-UNIT | AIR | * | 18.6596 | 228 | .1234 | 66 | 1250 | 3632##00 |
| VIBRATION | ENGINE | LAB | .88 | | | | 63 | 1138 | 3632##00 |

PART CLASS 542 NOZZLES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .UC N.O.C. | | | | | | | | | |
| | AIR-CONDITIONER-VENT-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | [illegible] |
| | FUEL-SYSTEM | AIR | * | .940874 | 4752 | 2.4473 | 65 | 1227 | [illegible] |
| | RAIN-REMOVAL-SYSTEM | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | [illegible] |
| | AIR-CONDITIONER-VENT-SYSTEM | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | [illegible] |
| | TURBINE.AUXILIARY-POWER-UNIT | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | [illegible] |
| | FUEL-SYSTEM.ATOMIZER.APU | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | [illegible] |
| | JET.OIL-SYSTEM.TURBOJET.J-85 | AIR | * | 3.35846 | 2838 | .68561 | 65 | 1228 | [illegible] |
| | TURBINE.AUX-POWER-UNIT | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | [illegible] |
| | CONTROL.FUEL/POWER | AIR | * | 48.2219 | 124 | .04775 | 63 | 1111 | [illegible] |
| | FUEL-SYSTEM | AIR | * | .565555 | 7524 | 4.0714 | 66 | 1250 | [illegible] |
| | RAIN-REPELLANT-SYSTEM | AIR | * | 23.2868 | 192 | .09888 | 65 | 1227 | [illegible] |
| | RAIN-REMOVAL-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | [illegible] |
| | COMBUSTION-SECTION.TURBOJET.J-85 | AIR | .273478 | 1.06374 | 65135 | 3.6566 | 65 | 1228 | [illegible] |
| | FUEL-SYSTEM.TURBOPROP-PWR-PLT | AIR | .324496 | 1.26219 | 3168 | 3.0817 | 65 | 1201 | [illegible] |
| | FUEL-SYSTEM.POWER-SECTION | AIR | .455104 | 1.77021 | 1464 | 2.1973 | 65 | 1201 | [illegible] |
| | COMBUSTION-SECTION.TURBOJET.J-85 | AIR | .613572 | 2.38661 | 12992 | 1.6298 | 64 | 1179 | [illegible] |
| | FUEL-SYSTEM.TURBOPROP-PWR-PLT | AIR | .944733 | 2.51407 | 2448 | 2.117 | 63 | 1114 | [illegible] |
| | FUEL-SYSTEM.TURBOPROP-PWR-PLT | AIR | .984983 | 2.19344 | 1200 | 3.0458 | 65 | 1198 | [illegible] |
| | FUEL-SYSTEM.TURBOPROP-PWR-PLT | AIR | 1.50413 | 3.34961 | 10296 | 1.9945 | 65 | 1201 | [illegible] |
| | FUEL-SYSTEM.TURBOPROP-PWR-PLT | AIR | 2.69541 | 10.4843 | 1632 | .371 | 63 | 1114 | [illegible] |
| | FUEL-SYSTEM.TURBOPROP-PWR-PLT | AIR | 4.29184 | 6.77444 | 1200 | 2.057 | 63 | 1114 | [illegible] |
| | FUEL-SYSTEM.TURBOPROP-PWR-PLT | AIR | 4.2966 | 6.36669 | 2400 | 2.7929 | 65 | 1198 | [illegible] |
| | FUEL-SYSTEM.TURBOPROP-PWR-PLT | AIR | 5.4062 | 8.15754 | 1200 | 2.0347 | 63 | 1198 | [illegible] |
| | FUEL-SYSTEM.TURBOJET.J-85 | AIR | 9.81739 | 38.1867 | 812 | .10186 | 64 | 1179 | [illegible] |
| | FUEL-SYSTEM | AIR | 13.6529 | 25.3254 | 244 | .36622 | 65 | 1201 | [illegible] |
| | FUEL-SYSTEM.TURBOJET.J-85 | AIR | 17.5024 | 34.9765 | 946 | .22854 | 65 | 1228 | [illegible] |
| | REFUELING.INFLIGHT | AIR | 44.1813 | 81.9536 | | .11317 | 66 | 1241 | [illegible] |
| | REFUELING.INFLIGHT | AIR | 44.1813 | 81.9536 | | .11317 | 65 | 1188 | [illegible] |
| | REFUELING.INFLIGHT | AIR | 58.5651 | 155.85 | | .03415 | 63 | 1123 | [illegible] |
| | REFUELING.PROBE.INFLIGHT | AIR | 58.5631 | 155.85 | | .03415 | 63 | 1123 | [illegible] |
| | FUEL-SYSTEM.MAIN-ENGINE | AIR | 68.9074 | 108.766 | 860 | .13061 | 66 | 1240 | [illegible] |
| | INFLIGHT-REFUEL-SYSTEM | AIR | 82.4717 | 106.27 | | .33951 | 66 | 1241 | [illegible] |
| | REFUELING.PROBE.TANKER-DROGUE | AIR | 90.3444 | 146.749 | | .08855 | 63 | 1123 | [illegible] |
| | FUEL-SYSTEM.ATOMIZER. AUXILIARY-POWER-UNIT | AIR | 97.2526 | 194.348 | 76 | .04113 | 66 | 1250 | [illegible] |
| | FUEL-SYSTEM.TURBINE-DRIVEN-POWER-UNIT | GRD | 253.164 | 673.708 | | .0079 | 62 | 1139 | [illegible] |
| | REFUELING.INFLIGHT | AIR | 612.557 | 1224.12 | 43 | .00653 | 66 | 1240 | [illegible] |
| AIR | CANOPY-DEFOG-SYSTEM | AIR | * | 26.2673 | 406 | .08766 | 64 | 1179 | [illegible] |
| AIR | CANOPY-DEFOG-SYSTEM | AIR | 8.7512 | 34.0395 | 473 | .11427 | 65 | 1228 | [illegible] |
| AIR | CANOPY-DEFOG-SYSTEM | AIR | 15.4472 | 25.0916 | 597 | .51789 | 67 | 1372 | [illegible] |
| AIR.EJECTOR | OIL-SYSTEM.ENGINE | AIR | * | 24.1109 | 248 | .0955 | 65 | 1111 | [illegible] |
| AIR.EJECTOR | GENERATOR-DRIVE.SYSTEM | AIR | * | 48.2219 | 124 | .04775 | 63 | 1111 | [illegible] |
| AIR.HOT | RAIN-REMOVAL-SYSTEM | AIR | * | 46.3393 | | .04969 | 63 | 1123 | [illegible] |
| EXHAUST | ENGINE | AIR | 743.455 | 869.801 | 248 | .0955 | 63 | 1111 | [illegible] |

PART CLASS 542 NOZZLES

| PART DESCRIPTION .00 N.S.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| EXHAUST.PRIMARY | BASIC-ENGINE | AIR | 237.682 | 293.95 | 304 | .1645 | 66 | 1298 | 3641 2008A |
| EXHAUST.PRIMARY | BASIC-ENGINE | AIR | 556.229 | 665.24 | 192 | .09888 | 65 | 1227 | 3641 4000 |
| EXHAUST.SECONDARY | BASIC-ENGINE | AIR | 10.1132 | 39.3373 | 192 | .09888 | 65 | 1227 | 3641 6000 |
| EXHAUST.SECONDARY | BASIC-ENGINE | AIR | 30.3951 | 56.3811 | 304 | .1645 | 66 | 1298 | 3641 8000 |
| FUEL JET | ENGINE-FUEL-SYSTEM | AIR | 539.328 | 1411.37 | 32 | .00834 | 66 | 1225 | 3642 0000 |
| LEAVES.INNER | OIL-SYSTEM.TURBOJET.J-85 | AIR | .321823 | 1.25179 | 3562 | 3.1073 | 67 | 1272 | 3642 2000 |
| LEAVES.INNER | AFTERBURNER.TURBOJET.J-85 | AIR | 4.90869 | 10.9313 | 4872 | .6[illegible]6 | 64 | 1179 | 3642 4000 |
| LEAVES.OUTER | AFTERBURNER.TURBOJET.J-85 | AIR | 7.29288 | 11.2358 | 5676 | 1.3712 | 65 | 1228 | 3642 6000 |
| LEAVES.OUTER | AFTERBURNER.TURBOJET.J-85 | AIR | 8.18116 | 15.1755 | 4872 | .61116 | 64 | 1179 | 3642 8000 |
| REFUELING | INFLIGHT | AIR | 16.7736 | 22.2092 | 5676 | 1.3712 | 65 | 1228 | 3643 0000 |
| | | AIR | 563.241 | 671.432 | | .1012 | 66 | 1263 | 3643 2000 |

SECTION I FAILURE RATE DATA

PART CLASS 545 OPTICAL DEVICES AND CAMERAS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.E.C. | | | | | | | | | |
| | | AIR | 100.125 | 106.868 | 456 | 3.975 | 64 | 1153 | 36434000 |
| CAMERAS.GUN | FIRE-CONTROL-SYSTEM | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 36436000 |
| CAMERAS.K-38 | | AIR | * | 110.224 | 100 | .02089 | 63 | 1198 | 36438000 |
| CAMERAS.KC-1 | | AIR | 71.4285 | 190.082 | 150 | .028 | 63 | 1114 | 36440000 |
| CAMERAS.KC-1 | | AIR | 127.632 | 255.059 | 150 | .03134 | 63 | 1198 | 36442000 |
| CAMERAS.MOVIE | | AIR | 159.509 | 207.589 | | .163 | 61 | 1083 | 36444000 |
| CAMERAS.MOVIE | | AIR | 1714.28 | 2077.05 | | .028 | 61 | 1082 | 36446000 |
| CAMERAS.P-2-TYPE | APR-6-SYSTEM | AIR | 191.387 | 509.311 | 50 | .01045 | 63 | 1198 | 36448000 |
| CAMERAS.P-2-TYPE | APR-6-SYSTEM | AIR | 222.222 | 591.366 | 50 | .009 | 63 | 1114 | 36450000 |
| CAMERAS.PRIME-AND-ALTERNATE-WINDOW | | AIR | 6.7114 | 26.1053 | 100 | .149 | 63 | 1114 | 36452000 |
| CAMERAS.PRIME-AND-ALTERNATE-WINDOW | | AIR | 95.7395 | 254.777 | 100 | .02089 | 63 | 1198 | 36454000 |
| CAMERAS.RECORDER.OA-13281.APQ-68 | | AIR | * | 220.344 | 50 | .01045 | 63 | 1198 | 36456000 |
| CAMERAS.RECORDER.WTHR.AN/ASM-13.0-2C | MIRAN-SYSTEM | AIR | 95.6937 | 372.22 | 50 | .01045 | 63 | 1198 | 36458000 |
| CAMERAS.RECORDER.WTHR.AN/ASM-13.0-2G | MIRAN-SYSTEM | AIR | 111.111 | 432.188 | 50 | .009 | 63 | 1114 | 36460000 |
| CAMERAS.SCOPE | BOMBING-SYSTEM | AIR | 418.76 | 776.775 | 31 | .01194 | 63 | 1111 | 36462000 |
| CAMERAS.STRIKE.TYPE-K-17.K-18 | | AIR | * | 191.883 | 31 | .012 | 63 | 1111 | 36464000 |
| CAMERAS.TYPE-C-7.MIL-S-6644 | | AIR | 2416.66 | 3099.87 | 31 | .012 | 63 | 1111 | 36466000 |
| GUNSIGHTS | | AIR | 1600 | 1779.47 | | .095 | 63 | 2129 | 36468000 |
| LENS.POLAROID | | LAB | 6.93 | | | | 63 | 1138 | 36470000 |
| MIRRORS | STUDENT-COMPARTMENT | AIR | 61.2584 | 103.009 | 473 | .11427 | 65 | 1228 | 36472000 |
| MIRRORS | STUDENT-COMPARTMENT | AIR | 68.4462 | 120.147 | 406 | .08766 | 64 | 1179 | 36474000 |
| MIRRORS | STUDENT-COMPARTMENT | AIR | 148.68 | 172.837 | 597 | .51789 | 67 | 1272 | 36476000 |
| PERISCOPIC-SEXTANTS | | AIR | 2378.49 | 3149.25 | | .00967 | 66 | 2134 | 36478000 |
| SEXTANTS | NAVIGATION-INSTRUMENTATION | AIR | 568.181 | 685.676 | 102 | .088 | 63 | 1114 | 36480000 |
| SEXTANTS | NAVIGATION-INSTRUMENTATION | AIR | 669.765 | 772.815 | 50 | .12691 | 65 | 1198 | 36482000 |
| SEXTANTS | NAVIGATION-INSTRUMENTATION | AIR | 809.061 | 1094.05 | 48 | .02472 | 65 | 1227 | 36484000 |
| SEXTANTS | NAVIGATION-INSTRUMENTATION | AIR | 1391.83 | 1570.84 | 50 | .08478 | 63 | 1198 | 36486000 |
| SEXTANTS | NAVIGATION-INSTRUMENTATION | AIR | 1480 | 1676.78 | 50 | .075 | 63 | 1114 | 36488000 |
| SEXTANTS | NAVIGATION-INSTRUMENTATION | AIR | 1733.33 | 2255.76 | 68 | .015 | 63 | 1114 | 36490000 |
| SEXTANTS | NAVIGATION-INSTRUMENTATION | AIR | 2509.23 | 2708.08 | 100 | .11637 | 65 | 1198 | 36492000 |
| SEXTANTS | NAVIGATION-INSTRUMENT | AIR | 2601.5 | 2954.38 | 76 | .04113 | 66 | 1250 | 36494000A |
| .05 ASTROTRACKER | | | | | | | | | |
| | | AIR | 6428.57 | 7839.71 | | .007 | 61 | 1082 | 36496000 |
| .06 PROJECTORS | | | | | | | | | |
| TEST-PATTERN | TV-VIEW-FINDER | AIR | * | 220.344 | 50 | .01045 | 63 | 1198 | 36498000 |

PART CLASS 545 OPTICAL DEVICES AND CAMERAS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF APPL | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .30 PERISCOPES | | | | | | | | | |
| SEXTANTS | | AIR | 666.666 | 1082.89 | 31 | .012 | 63 | 1111 | 36580000 |
| SEXTANTS | | AIR | 857.142 | 1504.58 | | .007 | 61 | 1002 | 36502000 |
| .80 TELEVISION CAMERAS | | | | | | | | | |
| TV-VIEW-FINDER,FLIGHT-TRACK-NAVIGATION | | AIR | 0 | 192.847 | 31 | .01194 | 63 | 1111 | 36504000 |
| TV-VIEW-FINDER,FLIGHT-TRACK-NAVIGATION | | AIR | 3349.28 | 4198.23 | 50 | .01045 | 63 | 1148 | 36506000 |
| | | AIR | 3555.55 | 4304.75 | 50 | .009 | 63 | 1114 | 36508000 |

SECTION I FAILURE RATE DATA

PART CLASS 553 OVERRIDES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| | DOWNLOCK.ALTERNATE-RELEASE.LANDING-GEAR | AIR | 6.75871 | 11.3651 | 1194 | 1.0357 | 67 | 1272 | 36510000 |
| DOWNLOCK | ALTERNATE-RELEASE.LAND-GEAR | AIR | 4.3756 | 17.0197 | 948 | .22854 | 65 | 1228 | 36512000 |
| DOWNLOCK | ALTERNATE-RELEASE.LAND-GEAR | AIR | 22.8154 | 45.594 | 812 | .17532 | 64 | 1179 | 36514000 |

SECTION I FAILURE RATE DATA

PART CLASS 554 ORIFICES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| | STRUT.LANDING-GEAR.NOSE | AIR | * | 55.9854 | 76 | .04113 | 66 | 1250 | 36516000A |
| | STRUT.LANDING-GEAR.NOSE | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 36518000 |
| ADJUSTABLE | FUEL-SYSTEM.AUXILIARY-POWER-UNIT | AIR | * | 55.9854 | 76 | .04113 | 66 | 1250 | 36520000A |
| ADJUSTABLE | FUEL-SYS.APU | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 36522000 |
| FIXED.BLEEDS | | LAB | .15 | | | | 63 | 1138 | 36524000 |
| INPUT | HEAT-EXCHANGER.AIR-COND.FLT-DECK | AIR | * | 27.1597 | 50 | .08478 | 63 | 1198 | 36526000 |
| INPUT | HEAT-EXCHANGER.AIR-COND.FLT-DECK | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 36528000 |
| INPUT | HEAT-EXCHANGER.AIR-COND.FLT-DECK | AIR | * | 39.7868 | 100 | .11637 | 65 | 1198 | 36530000 |
| INPUT | HEAT-EXCHANGER.AIR-COND.CARGO | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 36532000 |
| INPUT | HEAT-EXCHANGER.AIR-COND.CARGO | AIR | * | 39.7868 | 100 | .11637 | 65 | 1198 | 36534000 |
| INPUT | HEAT-EXCHANGER.AIR-COND.CARGO | AIR | 11.7952 | 45.8799 | 50 | .08478 | 63 | 1198 | 36536000 |
| INPUT | HEAT-EXCHANGER.AIR-COND.CARGO | AIR | 13.3333 | 51.0626 | 50 | .075 | 63 | 1114 | 36538000 |
| REFRIGERATION-BYPASS | AIR-COND.CARGO | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 36540000 |
| REFRIGERATION-BYPASS | AIR-COND.FLT-DECK | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 36542000 |
| REFRIGERATION-BYPASS | AIR-COND.FLT-DECK | AIR | * | 39.7868 | 100 | .11637 | 65 | 1198 | 36544000 |
| REFRIGERATION-BYPASS | AIR-COND.CARGO | AIR | 8.59328 | 33.4252 | 100 | .11637 | 65 | 1198 | 36546000 |
| REFRIGERATION-BYPASS | AIR-COND.FLT-DECK | AIR | 11.7952 | 45.8799 | 50 | .08478 | 63 | 1198 | 36548000 |
| REFRIGERATION-BYPASS | AIR-COND.FLT-DECK | AIR | 13.3333 | 51.0626 | 50 | .075 | 63 | 1114 | 36550000 |
| REFRIGERATION-BYPASS | AIR-COND-CARGO | AIR | 35.3857 | 78.8016 | 50 | .08478 | 63 | 1198 | 36552000 |
| REFRIGERATION-BYPASS | AIR-COND.CARGO | AIR | 40 | 89.0773 | 50 | .075 | 63 | 1114 | 36554000 |
| VARIABLE-AREA | | LAB | .55 | | | | 63 | 1138 | 36556000 |

SECTION I FAILURE RATE DATA

PART CLASS 557 POWER SUPPLIES, ELECTRICAL, ROTATING

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| | F-111 | AIR | * | 3029.73 | | .00076 | 67 | 2700 | 36558000 |
| | F-111 | AIR | 158.609 | 528.53 | | .01007 | 62 | 2700 | 36560000 |
| | F-111 | AIR | 507.614 | 1130.42 | | .00591 | 62 | 2700 | 36562000 |
| | F-111 | AIR | 619.195 | 1647.77 | | .00323 | 62 | 2700 | 36564000 |
| | F-111 | AIR | 1226.99 | 1614.7 | | .01956 | 62 | 2700 | 36566000 |
| | F-111 | AIR | 1995.56 | 3149.88 | | .00451 | 62 | 2700 | 36568000 |
| | F-111 | AIR | 2834 | 4765.54 | | .00247 | 62 | 2700 | 36570000 |
| | F-111 | AIR | 2991.45 | 4300.85 | | .00468 | 62 | 2700 | 36572000 |
| | F-111 | AIR | 3508.77 | 4744.75 | | .00570 | 62 | 2700 | 36574000 |
| | F-111 | AIR | 3759.39 | 5336.44 | | .00399 | 62 | 2700 | 36576000 |
| | F-111 | AIR | 4687.5 | 10438.7 | | .00064 | 62 | 2700 | 36578000 |
| | F-111 | AIR | 1411.29 | 1694.1 | | .01488 | 62 | 2700 | 36580000 |
| CONTROL | | AIR | 3009 | | | | 65 | 2330 | 36582000 |
| INVERTER.AC-SUPPLY | | GRD | * | 2037.69 | 100 | .00113 | 63 | 1159 | 36584000 |
| INVERTERS | | GRD | * | 1555.31 | 150 | .00148 | 62 | 1159 | 36586000A |
| INVERTERS | | AIR GND | 64.9 | | | | 61 | 2L2 | 36588000 |
| INVERTERS | | AIR GND | 68.9655 | 112.023 | | .116 | 59 | 2L2 | 36590000 |
| INVERTERS | | AIR | 285.714 | 760.328 | | .007 | 61 | 1082 | 36592000 |
| INVERTERS | | MSL | 500 | 927.47 | | .01 | 59 | 2L2 | 36594000 |
| INVERTERS | FLIGHT-INSTRUMENT | AIR | 502.512 | 882.085 | 31 | .01194 | 63 | 1111 | 36596000 |
| INVERTERS | | GRD | 729.927 | 2839.19 | 121 | .00137 | 61 | 1069 | 36598000A |
| INVERTERS | | AIR | 1000 | | | | 58 | 2L2 | 36600000 |
| INVERTERS | | MSL | 1000 | 2651.15 | | .002 | 57 | 2L2 | 36602000 |
| INVERTERS | | MSL | 1000 | | | | 58 | 2L2 | 36604000 |
| INVERTERS | | AIR | 1055.21 | 1131.92 | | .326 | 61 | 1083 | 36606000 |
| INVERTERS | | AIR | 1104.34 | 1240.83 | | .115 | 61 | 1084 | 36608000 |
| INVERTERS | | AIR GND | 1200 | | | | 61 | 2L2 | 36610000 |
| INVERTERS | | MSL | 1500 | 3340.4 | | .002 | 57 | 2L2 | 36612000 |
| INVERTERS | | AIR | 1546.82 | 1638.13 | | .331 | 59 | 2L2 | 36614000 |
| INVERTERS | | AIR | 4549.67 | 4634.6 | | 1.077 | 63 | 2114 | 36616000 |
| INVERTERS | | AIR | 7094.73 | 7457.89 | | .095 | 63 | 2125 | 36618000 |
| INVERTERS.MAIN.W/SPARE | | HELI | 147.058 | 391.345 | 40 | .0136 | 66 | 1257 | 36620000 |
| INVERTERS.MAIN.W/SPARE | | HELI | 276.679 | 465.252 | 80 | .0253 | 66 | 1257 | 36622000 |
| INVERTERS.MAIN.W/SPARE | | HELI | 552.995 | 970.7 | 40 | .01085 | 66 | 1257 | 36624000 |
| INVERTERS.MAIN.W/SPARE | | HELI | 621.387 | 761.358 | 80 | .0692 | 66 | 1257 | 36626000 |
| INVERTERS.MOTOR-DRIVEN | | SHP | 42.0344 | 77.9714 | | .11895 | 61 | 2L10 | 36628000 |
| INVERTERS.ROTARY | (STORAGE) | | * | .196602 | | 21.6 | 66 | 2531 | 36630000 |
| INVERTERS.ROTATING | | LAB | 40 | | | | 63 | 1138 | 36632000 |
| INVERTERS.ROTATING | | GRD | 355.239 | 945.348 | 42 | .00563 | 66 | 1264 | 36634000A |
| INVERTERS.STAND-BY | | AIR | 4884.21 | 5187.46 | | .095 | 63 | 2125 | 36636000 |
| INVERTERS.100-VOLT-AMPERE | AC-POWER-SUPPLY | AIR | 931.823 | 1081.09 | 50 | .08478 | 63 | 1198 | 36638000 |
| INVERTERS.100-VOLT-AMPERE | AC-POWER-SUPPLY | AIR | 1013.33 | 1179.17 | 50 | .075 | 63 | 1114 | 36640000 |
| INVERTERS.115/200VAC. 3-PHASE.400CPS.4-WIRE | | GRD | * | 4899.14 | | .00047 | 64 | 1171 | 36642000 |
| INVERTERS.115/200VAC. 3-PHASE.400CPS.4-WIRE | | GRD | * | 2952.05 | | .00078 | 65 | 1207 | 36644000 |

PART CLASS 557 POWER SUPPLIES, ELECTRICAL, ROTATING

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.E.C. | | | | | | | | | |
| INVERTERS.115/200VAC. 3-PHASE.400CPS.4-WIRE | | GRD | 1818.18 | 7072.18 | | .00055 | 64 | 1171 | 36646000 |
| INVERTERS.115/200VAC. 3-PHASE.400CPS.4-WIRE | | GRD | 2608.69 | 5609.39 | | .00115 | 65 | 1207 | 36648000 |
| INVERTERS.115VAC-400CPS | | GRD | 6060.6 | 16128.1 | | .00033 | 64 | 1163 | 36650000 |
| INVERTERS,1500-VOLT-AMPERE | AC-POWER-SUPPLY | AIR | 602.272 | 722.789 | 102 | .088 | 63 | 1114 | 36652000 |
| INVERTERS.1500-VOLT-AMPERE | AC-POWER-SUPPLY | AIR | 713.242 | 824.43 | 100 | .11637 | 65 | 1198 | 36654000 |
| INVERTERS.1500-VOLT-AMPERE | AC-POWER-SUPPLY | AIR | 748.561 | 856.914 | 50 | .12691 | 65 | 1198 | 36656000 |
| INVERTERS.1500-VOLT-AMPERE | AC-POWER-SUPPLY | AIR | 1333.33 | 1803 | 68 | .015 | 63 | 1114 | 36658000 |
| INVERTERS.1800VA. 28VDC/115VAC.3-PHASE | | GRD | 3478.26 | 5649.86 | 13 | .0023 | 66 | 1245 | 36660000 |
| INVERTERS.250-VOLT-AMPERE | AC-POWER-SUPPLY | AIR | 666.666 | 1027.11 | 68 | .015 | 63 | 1114 | 36662000 |
| INVERTERS.250-VOLT-AMPERE | AC-POWER-SUPPLY | AIR | 713.242 | 824.43 | 100 | .11637 | 65 | 1198 | 36664000 |
| INVERTERS.250-VOLT-AMPERE | AC-POWER-SUPPLY | AIR | 1681.81 | 1873.2 | 102 | .088 | 63 | 1114 | 36666000 |
| INVERTERS.250-VOLT-AMPERE | AC-POWER-SUPPLY | AIR | 1883.22 | 2049.13 | 50 | .12691 | 65 | 1198 | 36668000 |
| INVERTERS.2500-VOLT-AMPERE | AC-POWER-SUPPLY | AIR | 430.526 | 502.571 | 100 | .16956 | 63 | 1198 | 36670000 |
| INVERTERS.2500-VOLT-AMPERE | AC-POWER-SUPPLY | AIR | 469.798 | 550.268 | 100 | .149 | 63 | 1114 | 36672000 |
| INVERTERS.26VDC/400CPS-2-PHASE-AC.HERMETIC-SEAL | | SLN SAT | * | 1518.83 | 1 | .0012 | 65 | 1184 | 36674000A |
| INVERTERS.400VA | | GRD | * | 19188.3 | 2 | .00012 | 66 | 1245 | 36676000 |
| INVERTERS.450VA. 28VDC/115VAC.3-PHASE | | GRD | * | 7875.33 | 3 | .0003 | 66 | 1245 | 36678000 |
| INVERTERS.450VA. 28VDC/115VAC.3-PHASE | | GRD | 753.424 | 1136.85 | 44 | .0146 | 66 | 1245 | 36680000A |
| INVERTERS.500-VOLT-AMPERE | AC-POWER-SUPPLY | AIR | 353.857 | 419.904 | 100 | .16956 | 63 | 1198 | 36682000 |
| INVERTERS.500-VOLT-AMPERE | AC-POWER-SUPPLY | AIR | 362.416 | 434.177 | 100 | .149 | 63 | 1114 | 36684000 |
| STATIC | ELECTRICAL-POWER.727 | AIR | 920P | | | | 66 | 2360 | 36686000 |
| STATIC | ELECTRICAL-POWER.727 | AIR | 1970P | | | | 66 | 2360 | 36688000 |
| STATIC | ELECTRICAL-POWER.727 | AIR | 2470P | | | | 65 | 2360 | 36690000 |
| SWEEP | F-111 | AIR | 9090.9 | 15286.8 | | .00077 | 62 | 2700 | 36692000 |
| 900CPS | RADAR-TRANSPONDER.GUIDANCE | GRD | 8481.01 | 9969.49 | | .0079 | 62 | 1135 | 36694000 |
| .01 ALTERNATORS | | | | | | | | | |
| | PROPELLER-ASSEMBLY | LAB | .7 | | | | 63 | 1138 | 36696000 |
| | HYDROMATIC-PROPELLER | AIR | 2350.2 | 2460.28 | 200 | .33912 | 65 | 1198 | 36698000 |
| .115VAC.400C | | AIR | 2464.88 | 2585.38 | 200 | .299 | 63 | 1114 | 36700000 |
| .115VAC.400C | | AIR | 65 | | | | 57 | 2L1 | 36702000 |
| .115VAC.400C | | LAB | 333 | | | | 57 | 2L1 | 36704000 |
| .115VAC.400C | | AIR | 586 | | | | 57 | 2L1 | 36706000 |
| SYNC-PROPELLER | | MSL | 1052 | | | | 57 | 2L1 | 36708000 |
| 27-5/16VDC | (M=MILES) | AIR | 200P | | | | 65 | 2350 | 36710000 |
| 400CPS.TURBINE-DRIVEN-POWER-UNIT | | GRD | 29.7751M | 79.2362M | 15 | .06717M | 66 | 1255 | 36712000 |
| | | GRD | 253.164 | 673.708 | | .0079 | 62 | 1135 | 36714000 |

PART CLASS 557 POWER SUPPLIES, ELECTRICAL, ROTATING

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .02 CONVERTERS | | | | | | | | | |
| | ELECTRIC-SHAVER.DC-POWER-DISTRIBUTION | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 36716000A |
| | WINDSHIELD-WIPER | AIR | * | 96.4641 | 62 | .02387 | 63 | 1111 | 36719000 |
| | ELECTRIC-SHAVER.DC-POWER-DISTRIBUTOR | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 36720000 |
| | | SUB | 2.26159 | 3.96988 | 64 | 2.653 | 66 | 1261 | 36721000A |
| | WINDSHIELD-WIPER-SYSTEM | AIR | 17.0454 | 37.959 | 204 | .176 | 63 | 1114 | 36724000 |
| | WINDSHIELD-WIPER-SYSTEM | AIR | 25.7798 | 45.2526 | 200 | .23274 | 65 | 1198 | 36726000A |
| | WINDSHIELD-WIPER-SYSTEM | AIR | 2..3785 | 46.3749 | 100 | .25382 | 65 | 1198 | 36728000 |
| | WINDSHIELD-WIPER-SYSTEM | AIR | 33.557 | 62.2463 | 100 | .149 | 63 | 1114 | 36730000 |
| | WINDSHIELD-WIPER-SYSTEM | AIR | 35.3657 | 62.1142 | 100 | .14956 | 63 | 1198 | 36732000 |
| | CENTRAL-AIR-DATA-COMPUTER | SIM GRD AIR | 129.977 | 196.126 | 390 | .08463 | 64 | 1181 | 36734000 |
| | | GRD | 180.18 | 360.069 | 2 | .0222 | 66 | 1230 | 36736000 |
| | ENGINE/APU-INST | AIR | 728.155 | 1001.46 | 48 | .02472 | 65 | 1227 | 36738000 |
| | POWER-SUPPLY.AN/ASN-24-NAVIGATION-COMPUTER | AIR | 1820.38 | 2219.98 | 48 | .02472 | 65 | 1227 | 36740000 |
| | POWER-SUPPLY.AN/ASN-24-NAVIGATION-COMPUTER | AIR | 2893.26 | 3263.68 | 76 | .04113 | 66 | 1250 | 36742000A |
| | AMPLIFIER.ATTACK.AUTO.FLIGHT-CONTROL/MEASUREMENT | AIR | 7865.16 | 10555.9 | 36 | .00267 | 66 | 1256 | 36744000A |
| AC | R.F.AMPLIFIER | LAB | 43.84 | | | | 65 | 2324 | 36746000 |
| AC/DC | MOBILE-INSPECTION-UNIT | GRD | 194.063 | 269.476 | | .0876 | 62 | 1141 | 36748000 |
| AC/DC.TRANSFORMER.200-28V.200AMP | | AIR | 535.987 | 901.294 | 86 | .01306 | 66 | 1240 | 36750000A |
| AC/DC.115VAC-400CPS-IN.600VDC-OUT | | GRD | * | 1439.12 | 13 | .0016 | 66 | 1245 | 36752000 |
| AIR-DENSITY/TEMPERATURE | AIR-DATA-COMPUTER | SIM GRD AIR | * | 54..092 | 195 | .04232 | 64 | 1181 | 36754000A |
| ALTITUDE | CENTRAL-AIR-DATA-COMPUTER | SIM GRD AIR | 874.291 | 1088.92 | 195 | .04232 | 64 | 1181 | 36756000 |
| ANALOG-DIGITAL.DUAL-BRUSH.DISC-TYPE | (PER-PART-REVOLUTION) | LAB | .0601448 | .085374R | 18 | 249.-P | 66 | 1257 | 36758000A |
| ANALOG-DIGITAL.DUAL-BRUSH.DISC-TYPE | (PER-PART-REVOLUTION) | LAB | .221484R | .589402R | 4 | 9.03R | 66 | 1259 | 36760000A |
| ANALOG-DIGITAL.DUAL-BRUSH.DISC-TYPE | | SUB | 19.8289 | 90.3913 | 160 | 1.403 | 66 | 1259 | 36762000A |
| ANALOG/DIGITAL | | SHP | 8.77809 | 34.1441 | 333 | .11392 | 61 | 1131 | 36764000 |
| CV-1275/ARN.RMI | | HELI | 925.925 | 1717.53 | 20 | .0054 | 66 | 1257 | 36766000 |
| DC.TO.DC | R.F.AMPLIFIER | LAB | 162.05 | | | | 65 | 2324 | 36768000 |
| DIGITAL-CODE | MOBILE-INSPECTION-UNIT | GRD | 753.424 | 886.763 | | .0876 | 62 | 1141 | 36770000 |
| DIGITAL-TO-ANALOG | COMMAND-SYSTEM | GRD | 1012.65 | 1420.98 | | .0158 | 62 | 1135 | 36772000 |
| DIGITAL-TO-DIGITAL | COMMAND-SYSTEM | GRD | 1012.65 | 1644.89 | | .0079 | 62 | 1135 | 36774000 |
| DIGITAL/DIGITAL | DATA-LINK | AIR | 2621.72 | 4408.57 | 36 | .00267 | 66 | 1256 | 36776000A |
| DISPLAY.TACTICAL | TACAN | AIR | 7865.16 | 10555.9 | 36 | .00267 | 66 | 1256 | 36778000A |
| DV-265/ARN-30A | | HELI | 555.555 | 1237.18 | 20 | .0054 | 66 | 1257 | 36780000 |
| FREQUENCY | F-111 | AIR | * | 1902.97 | | .00121 | 62 | 2700 | 36782000 |
| FREQUENCY | F-111 | AIR | * | 4039.69 | | .00057 | 62 | 2700 | 36784000 |
| FREQUENCY | TRANSMITTER/MODULATOR.DOPPLER-NAVIGATION | SIM GRD AIR | 2398.67 | 3076.79 | 195 | .01209 | 64 | 1181 | 36786000A |

PART CLASS 337 POWER SUPPLIES, ELECTRICAL, ROTATING

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF. LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .02 CONVERTERS | | | | | | | | | |
| FREQUENCY | TRANSMITTER/ANTENNA. DOPPLER-NAVIGATION | SIN GRD AIR | 4962.77 | 5889.88 | 195 | .01209 | 64 | 1181 | 36783B03 |
| HORIZONTAL-POSITION-RATE | AIR-DATA | SIN GRD AIR | 70.8984 | 157.863 | 195 | .04232 | 64 | 1181 | 367408004 |
| IMPACT-PRESSURE | CENTRAL-AIR-DATA-COMPUTER | SIN GRD AIR | 94.5179 | 188.883 | 195 | .04232 | 64 | 1181 | 36792000 |
| POWER | AUTOPILOT.MA-2 | AIR | 0 | 192.847 | 31 | .01194 | 63 | 1111 | 36794000 |
| SEARCH-FREQUENCY | RADAR.AS815.FIRE-CONTROL | AIR | 4961.37 | 5072.4 | 31 | .01194 | 63 | 1111 | 36796C00 |
| SIGNAL | DESTRUCT-SYSTEM | GRD | 1012.65 | 1044.84 | | .0079 | 52 | 1135 | 36798000 |
| SIGNAL-DATA | | SIN GRD AIR | 261.837 | 307.989 | 195 | .04583 | 64 | 1181 | 36800000 |
| SIGNAL-DATA | RANGE.RADAR.AS89 | AIR | 418.877 | 594.593 | 93 | .03581 | 63 | 1111 | 36802000 |
| SIGNAL-DATA | COMM/IDENT/NAVIGATION-SYSTEM | SIN GRD AIR | 1317.36 | 1662.83 | 195 | .02505 | 64 | 1181 | 36804000 |
| SIGNAL-DATA | NO-2-COCKPIT-DISPLAY. FLIGHT-CONTROL-MEASUREMENT | AIR | 2247.19 | 3944.6 | 36 | .00267 | 66 | 1256 | 368060004 |
| SIGNAL-DATA | NO-2-COCKPIT-DISPLAY-TACAN | AIR | 2247.19 | 3944.6 | 36 | .00267 | 66 | 1256 | 36808000A |
| SIGNAL-DATA | AIR-FLIGHT-CONTROL/MEASUREMENT | AIR | 2247.19 | 3944.6 | 36 | .00267 | 66 | 1256 | 368100004 |
| SIGNAL-DATA | NO-1-COCKPIT-DISPLAY.TACAN | AIR | 2996.25 | 4866.92 | 36 | .00267 | 66 | 1256 | 36812000A |
| SIGNAL-DATA | ATTACK-DISPLAY.INFRARED | AIR | 2996.25 | 4866.92 | 36 | .00267 | 66 | 1256 | 36814000A |
| SIGNAL-DATA | NO-1-COCKPIT-DISPLAY. FLIGHT-CONTROL/MEASUREMENT | AIR | 2996.25 | 4866.92 | 36 | .00267 | 66 | 1256 | 36816000A |
| SIGNAL-DATA | ATTACK-DISPLAY.TRACK-RADAR | AIR | 2996.25 | 4866.92 | 36 | .00267 | 66 | 1256 | 36818000A |
| SIGNAL-DATA | FLIGHT-DIRECTOR. INSTRUMENTATION-LAND-SYSTEM | AIR | 3370.78 | 5320.59 | 36 | .00267 | 66 | 1256 | 36820000A |
| SIGNAL-DATA | AC-INPUT.COMPUTER | AIR | 3370.78 | 5320.59 | 36 | .00267 | 66 | 1256 | 36822000A |
| SIGNAL-DATA | DIGITAL.COMPUTER | AIR | 4568.91 | 7100.35 | 36 | .00267 | 66 | 1256 | 36824000A |
| SIGNAL-DATA | INFRARED-SYSTEM | AIR | 6347.04 | 8841.23 | 36 | .00267 | 66 | 1256 | 36826000A |
| SIGNAL-DATA | ASQ-90 | AIR | 7822.68 | 8819.68 | | .01534 | 66 | 1141 | 36828000A |
| SIGNAL-DATA | TIME-SHARE.INFRARED-SYSTEM | AIR | 8614.23 | 11405.7 | 36 | .00267 | 66 | 1256 | 36830000A |
| SIGNAL-DATA | TIME-SHARING.TRACK-RADAR | AIR | 10486.8 | 13513 | 36 | .00267 | 66 | 1256 | 36832000A |
| SIGNAL-DATA | ANALOG-OUTPUT.COMPUTER | AIR | 16479.4 | 20143.2 | 36 | .00267 | 66 | 1256 | 36834000A |
| SIGNAL-DATA | INPUT-OUTPUT.COMPUTER | AIR | 18726.5 | 22599 | 36 | .00267 | 66 | 1256 | 36836000A |
| SIGNAL-DATA.AZIMUTH | RADAR.AS89 | AIR | 41.8935 | 162.953 | 62 | .02387 | 63 | 1111 | 36838000 |
| STATIC-PRESSURE | AIR-DATA-COMPUTER | SIN GRD AIR | 0 | 34.4092 | 195 | .04232 | 64 | 1181 | 368400004 |
| TACTICAL-DISPLAY | FLIGHT-CONTROL/MEASUREMENT | AIR | 7865.16 | 10555.9 | 36 | .00267 | 66 | 1256 | 36842000A |
| TACTICAL-DISPLAY | AUTO-DIRECTION-FINDER | AIR | 7865.16 | 10555.9 | 36 | .00267 | 66 | 1256 | 36844000A |
| TRACK-FREQUENCY | RADAR.ASG-15.FIRE-CONTROL | AIR | 5025.12 | 5963.06 | 31 | .01194 | 63 | 1111 | 36846000 |
| TRUE-AIRSPEED | CENTRAL-AIR-DATA-COMPUTER | SIN GRD AIR | 22.6322 | 62.889 | 390 | .08463 | 64 | 1181 | 368480004 |
| 115VAC/28VDC.MIL-C-7115 | | HELI | 233.333 | 392.363 | 120 | .03 | 65 | 1215 | 36850000 |
| .04 GENERATORS | | | | | | | | | |
| | AUDIBLE-WARNING-SYSTEM.MAXIMUM-SPEED | AIR | 0 | 93.1472 | 48 | .02472 | 65 | 1227 | 36852000 |
| | | AIR GND | 0 | 37.7475 | | .061 | 58 | 212 | 36854000 |
| | EMERGENCY | AIR | 0 | 615.668 | 41 | .00374 | 63 | 1132 | 36856000 |
| | INTERROGATION.SIGNAL-DATA-CONVERTER | SIN GRD AIR | 0 | 91.9201 | 195 | .02405 | 64 | 1181 | 368580004 |
| | | LAB | .9 | | | | 63 | 1138 | 36860000 |
| | | LAB | 9.65 | | | | 61 | 1071 | 36862000 |

PART CLASS 567 POWER SUPPLIES, ELECTRICAL, ROTATING

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .04 GENERATORS | | | | | | | | | |
| | TACHOMETER | AIR | 21.6606 | 38.022 | | .277 | 57 | 2L2 | 36864000 |
| | AUDIBLE-WARNING-SYSTEM.FIRE | AIR | 24.3131 | 94.5708 | 76 | .04113 | 66 | 1250 | 36866000A |
| | TACHOMETER.ENGINE/AUXILIARY-POWER-UNIT-INSTRUMENTATION | AIR | 25.2831 | 46.8987 | 384 | .19776 | 65 | 1227 | 36868000 |
| | TACHOMETER.ENGINE-INSTRUMENTATION | AIR | 28.6532 | 41.7852 | | .4537 | 66 | 1241 | 36870000 |
| | NAVIGATION-SUBSYSTEM | AIR | 32.1508 | 71.5978 | 4 | .09331 | 62 | 2322 | 36872000 |
| | TACHOMETER | AIR GND | 46.2962 | 85.8768 | | .108 | 58 | 2L2 | 36874000 |
| | | | 64.6 | | | | 63 | 2208 | 36876000 |
| | B-720 | AIR | 76.8196P | 153.515P | | .052079 | 66 | 2400 | 36878000 |
| | TACHOMETER | MSL | 111.111 | 247.437 | | .027 | 58 | 2L2 | 36880000 |
| | AUDIBLE-WARNING-SYSTEM.FIRE | AIR | 121.359 | 270.258 | 48 | .02472 | 65 | 1227 | 36882000 |
| | ASTRO-TRACKER-SUBSYSTEM | AIR | 190.234 | 423.639 | 2 | .01577 | 62 | 2322 | 36884000 |
| | | AIR | 200 | 777.94 | 40 | .005 | 62 | 1095 | 36886000 |
| | | MSL | 200 | | | | 58 | 2L2 | 36888000 |
| | MARKER.ELEC.SEARCH-RADAR.AN/APN-59 | AIR | 202.265 | 375.19 | 48 | .02472 | 65 | 1227 | 36890000 |
| | POWER-SUPPLY.STIMULI-RACK | GRD | 205.479 | 282.606 | | .0876 | 62 | 3141 | 36892000 |
| | TACHOMETER | AIR | 231.578 | 308.634 | | .095 | 63 | 2120 | 36894000 |
| | | AIR | 269.938 | 329.953 | | .163 | 61 | 1063 | 36896000 |
| | ELECTRICAL-POWER.880 | AIR | 410P | | | | 65 | 2363 | 36898000 |
| | TACHOMETER | AIR GND | 588 | | | | 61 | 2L2 | 36900000 |
| | ELECTRICAL-POWER.880 | AIR | 600P | | | | 66 | 2365 | 36902000 |
| | ELECTRICAL-POWER.880 | AIR | 670P | | | | 66 | 2365 | 36904000 |
| | ELECTRICAL-POWER.880 | AIR | 760P | | | | 65 | 2365 | 36906000 |
| | ELECTRICAL-POWER.880 | AIR | 830P | | | | 66 | 2363 | 36908000 |
| | FREQUENCY-CALIBRATION.STIMULI-RACK.MOBILE-INSPECTION-UNIT | GRD | 890.41 | 1034.05 | | .0876 | 62 | 1141 | 36910000 |
| | ELECTRICAL-POWER.880 | AIR | 950P | | | | 65 | 2360 | 36912000 |
| | TACHOMETER | AIR | 973.977 | 1030.77 | | .538 | 63 | 2114 | 36914000 |
| | INSTRUMENT-POWER-SUPPLY | AIR | 1000 | 1854.94 | 16 | .005 | 59 | 1110 | 36916000 |
| | ELECTRICAL-POWER.880 | AIR | 1050P | | | | 66 | 2363 | 36918000 |
| | ELECTRICAL-POWER.880 | AIR | 1060P | | | | 66 | 2360 | 36920000 |
| | ELECTRICAL-POWER.880 | AIR | 1100P | | | | 66 | 2363 | 36922000 |
| | POWER-SUPPLY-SYSTEM | AIR | 1187.62 | 1330.21 | | .11283 | 65 | 1188 | 36924000 |
| | POWER-SUPPLY-SYSTEM | AIR | 1187.62 | 1330.21 | | .11283 | 66 | 1241 | 36926000A |
| | TACHOMETER | AIR | 1787.03 | 1909.33 | | .216 | 63 | 2110 | 36928000 |
| | | AIR | 4105.26 | 4384.68 | | .095 | 63 | 2120 | 36930000 |
| .20KVA | ELECTRICAL-SYSTEM | AIR | 736.201 | 769.907 | 300 | 1.1342 | 65 | 1196 | 36932000 |
| A.C. | (STORAGE) | MSL | 2 | | | | 65 | 2440 | 36934000 |
| AC | (STORAGE) | | 9 | .476137 | | 4.836 | 66 | 258 | 36936000A |
| AC | (STORAGE) | MSL | 0 | .495183 | 1253 | 4.65 | 65 | 1234 | 36938000 |
| AC | | MELI | 208.986 | 556.144 | 216 | .00957 | 63 | 1184 | 36940000 |
| AC | POWER-SUPPLY-SYSTEM | AIR | 325.119 | 387.571 | 812 | .17532 | 64 | 1179 | 36942000 |
| AC | POWER-SUPPLY-SYSTEM | AIR | 406.93 | 466.524 | 946 | .22854 | 65 | 1228 | 36944000 |
| AC | | AIR | 541.666 | 704.925 | 124 | .048 | 63 | 1111 | 36946000 |
| AC | POWER-SUPPLY-SYSTEM | AIR | 857.142 | 1270.11 | 48 | .014 | 59 | 1110 | 36948000 |

PART CLASS 557 POWER SUPPLIES, ELECTRICAL, ROTATING

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .04 GENERATORS | | | | | | | | | |
| AC | | ME.I | 928.81 | 1706.04 | 216 | .00543 | 65 | 1178 | 36980000 |
| AC | | AIR | 974.22 | 1814.66 | 1194 | 1.0357 | 67 | 2272 | 36952060A |
| AC | ELECTRICAL-SYSTEM | AIR | 1688.78 | 1799.57 | 128 | .21597 | 65 | 1195 | 36954000 |
| AC | | AIR | 2144.98 | 2227.99 | | .538 | 63 | 2114 | 36956000 |
| AC | | AIR | 3361.11 | 3526.54 | | .216 | 65 | 2116 | 36958060 |
| AC.AIR-TURBINE-MOTOR-DRIVEN | | AIR | 137.492 | 192.932 | 100 | .11637 | 65 | 1198 | 36960000 |
| AC.AIR-TURBINE-MOTOR-DRIVEN | | AIR | 280 | 445.386 | 38 | .013 | 63 | 1114 | 36962000 |
| AC.AIR-TURBINE-MOTOR-DRIVEN | | AIR | 212.749 | 275.464 | 98 | .12691 | 65 | 1198 | 36964000 |
| AC.AIR-TURBINE-MOTOR-DRIVEN | | AIR | 215.989 | 294.247 | 182 | .068 | 63 | 1114 | 36966000 |
| AC.AIR-TURBINE-MOTOR-DRIVEN | | AIR | 731.804 | 868.322 | 98 | .08478 | 63 | 1198 | 36968000 |
| AC.AIR-TURBINE-MOTOR-DRIVEN | | AIR | 733.333 | 877.653 | 58 | .675 | 63 | 1114 | 36970000 |
| AC.AIRSTREAM-PROPELLED | | AIR | 220.937 | 424.665 | 80 | .02184 | 63 | 1132 | 36972000 |
| AC.ALTERNATOR | | AIR | 403.508 | 534.268 | | .057 | 61 | 1054 | 36974000 |
| AC.ALTERNATOR | | AIR | 457.142 | 641.474 | | .035 | 60 | 1052 | 36974000 |
| AC.ALTERNATOR | | AIR GND | 775 | | | | 61 | 2L2 | 36978000 |
| AC.BRUSH.4000RPM-INPUT.9KVA | | AIR | 1759.83 | 2443.69 | | .00966 | 63 | 1132 | 36980000 |
| AC.BRUSH.8000RPM-INPUT.9KVA | | AIR | 2212.76 | 2870.69 | 34 | .01175 | 63 | 1132 | 36982000 |
| AC.BRUSHLESS | | AIR | 4651.16 | 12373.4 | 5 | .00043 | 63 | 1132 | 36984000 |
| AC.ENGINE-DRIVEN | | AIR | 322.58 | 434.211 | 272 | .062 | 63 | 1114 | 36986000 |
| AC.ENGINE-DRIVEN | | AIR | 588.639 | 636.879 | 400 | .46548 | 65 | 1198 | 36988000 |
| AC.ENGINE-DRIVEN | | AIR | 1189.8 | 1267.61 | 480 | .353 | 63 | 1114 | 36990000 |
| AC.ENGINE-DRIVEN | | AIR | 1268.64 | 1335 | 280 | .30763 | 65 | 1198 | 36992000 |
| AC.ENGINE-DRIVEN | | AIR | 1574.84 | 1985.48 | 160 | .16956 | 63 | 1198 | 36994000 |
| AC.ENGINE-DRIVEN | | AIR | 1637.58 | 1780.27 | 100 | .149 | 63 | 1114 | 36996000 |
| AC.ENGINE-DRIVEN.3PH. 2-POLE.TACH | | AIR | 7427.25 | 8498.76 | 86 | .01304 | 64 | 1240 | 36998000A |
| AC.GEAR-DRIVEN.ENGINE | | AIR | 2227.4 | 2441.41 | | .08557 | 63 | 1123 | 37000000A |
| AC.MAIN.2CM261C1 | | AIR | 1221.961 | 1395.3 | 131 | .01526 | 65 | 1247 | 37002000 |
| AC.PERMANENT-MAGNET.3PH. 400CPS.115/230V | | AIR | 0 | 307.429 | 82 | .00749 | 63 | 1132 | 37004000 |
| AC.3KVA.3PH.400CPS.115/230V | | AIR | 90.909 | 138.63 | 320 | .055 | 61 | 1088 | 37006000A |
| AC.40KVA.AUXILIARY-POWER-UNIT-DRIVEN | | AIR | 72.9394 | 162.431 | 76 | .04113 | 66 | 1250 | 37008000A |
| AC.40KVA.ENGINE-DRIVEN | | AIR | 242.718 | 319.412 | 192 | .09888 | 65 | 1227 | 37010000 |
| AC.40KVA.ENGINE-DRIVEN | | AIR | 273.556 | 333.604 | 384 | .1645 | 66 | 1250 | 37012000A |
| AC.40KVA-AUXILIARY-POWER-UNIT. DRIVEN | | AIR | 0 | 93.1472 | 48 | .02472 | 65 | 1227 | 37014000 |
| AC.44KVA.3PH.533CPS.115V. 8-POLE | | AIR | 3062.78 | 3781.78 | 86 | .01304 | 66 | 1240 | 37014000A |
| AC.60KVA | | AIR | 204.659 | 298.456 | 135 | .06352 | 64 | 1144 | 37018000A |
| AC-POWER | ELECTRICAL-POWER.707-131 | AIR | 110P | | | | 66 | 2364 | 37020000 |
| AC-POWER | ELECTRICAL-POWER.3310/3313C | AIR | 120P | | | | 65 | 2365 | 37022000 |
| AC-POWER | ELECTRICAL-POWER.707-3310 | AIR | 130P | | | | 65 | 2362 | 37024000 |
| AC-POWER | ELECTRICAL-POWER.707-331 | AIR | 140P | | | | 66 | 2361 | 37026000 |

PART CLASS 557 POWER SUPPLIES, ELECTRICAL, ROTATING

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .04 GENERATORS | | | | | | | | | |
| AC-POWER | ELECTRICAL-POWER.707-131B | AIR | 160P | | | | 65 | 2362 | 37028000 |
| AC-POWER | ELECTRICAL-POWER.707-331B | AIR | 210P | | | | 66 | 2364 | 37030000 |
| AC-POWER | ELECTRICAL-POWER.707-331B | AIR | 210P | | | | 65 | 2364 | 37032000 |
| AC-POWER | ELECTRICAL-POWER.727 | AIR | 240P | | | | 66 | 2363 | 37034000 |
| AC-POWER | ELECTRICAL-POWER.707-131B | AIR | 240P | | | | 66 | 2361 | 37036000 |
| AC-POWER | ELECTRICAL-POWER.707-331B | AIR | 240P | | | | 66 | 2364 | 37038000 |
| AC-POWER | ELECTRICAL-POWER.707-331 | AIR | 250P | | | | 66 | 2364 | 37040000 |
| AC-POWER | ELECTRICAL-POWER.727 | AIR | 250P | | | | 66 | 2360 | 37042000 |
| AC-POWER | ELECTRICAL-POWER.331C/373C | AIR | 250P | | | | 66 | 2363 | 37044000 |
| AC-POWER | ELECTRICAL-POWER.331C/373C | AIR | 250P | | | | 66 | 2360 | 37046000 |
| AC-POWER | ELECTRICAL-POWER.331C/373C | AIR | 250P | | | | 66 | 2365 | 37048000 |
| AC-POWER | ELECTRICAL-POWER.707-331B | AIR | 250P | | | | 66 | 2361 | 37050000 |
| AC-POWER | ELECTRICAL-POWER.707-331 | AIR | 260P | | | | 66 | 2361 | 37052000 |
| AC-POWER | ELECTRICAL-POWER.727 | AIR | 270P | | | | 65 | 2360 | 37054000 |
| AC-POWER | ELECTRICAL-POWER.331C/373C | AIR | 280P | | | | 65 | 2363 | 37056000 |
| AC-POWER | ELECTRICAL-POWER.707-331B | AIR | 280P | | | | 66 | 2362 | 37058000 |
| AC-POWER | ELECTRICAL-POWER.707-131 | AIR | 280P | | | | 66 | 2364 | 37060000 |
| AC-POWER | ELECTRICAL-POWER.707-331B | AIR | 280P | | | | 66 | 2361 | 37062000 |
| AC-POWER | ELECTRICAL-POWER.707-131B | AIR | 300P | | | | 66 | 2364 | 37064000 |
| AC-POWER | ELECTRICAL-POWER.707-131B | AIR | 300P | | | | 66 | 2364 | 37066000 |
| AC-POWER | ELECTRICAL-POWER.707-331 | AIR | 310P | | | | 65 | 2364 | 37068000 |
| AC-POWER | ELECTRICAL-POWER.707-331 | AIR | 310P | | | | 66 | 2364 | 37070000 |
| AC-POWER | ELECTRICAL-POWER.707-331 | AIR | 310P | | | | 66 | 2362 | 37072000 |
| AC-POWER | ELECTRICAL-POWER.707-131B | AIR | 340P | | | | 66 | 2361 | 37074000 |
| AC-POWER | ELECTRICAL-POWER.707-131 | AIR | 340P | | | | 66 | 2361 | 37076000 |
| AC-POWER | ELECTRICAL-POWER.707-131B | AIR | 350P | | | | 65 | 2364 | 37078000 |
| AC-POWER | ELECTRICAL-POWER.331C/373C | AIR | 350P | | | | 65 | 2360 | 37080000 |
| AC-POWER | ELECTRICAL-POWER.727 | AIR | 360P | | | | 66 | 2363 | 37082000 |
| AC-POWER | ELECTRICAL-POWER.707-131B | AIR | 370P | | | | 65 | 2361 | 37084000 |
| AC-POWER | ELECTRICAL-POWER.707-331 | AIR | 390P | | | | 65 | 2361 | 37086000 |
| AC-POWER | ELECTRICAL-POWER.707-131 | AIR | 390P | | | | 66 | 2361 | 37088000 |
| AC-POWER | ELECTRICAL-POWER.707-131B | AIR | 410P | | | | 66 | 2362 | 37090000 |
| AC-POWER | ELECTRICAL-POWER.707-331B | AIR | 420P | | | | 66 | 2362 | 37092000 |
| AC-POWER | ELECTRICAL-POWER.707-331B | AIR | 420P | | | | 65 | 2361 | 37094000 |
| AC-POWER | ELECTRICAL-POWER.707-131 | AIR | 430P | | | | 66 | 2362 | 37096000 |
| AC-POWER | ELECTRICAL-POWER.727 | AIR | 440P | | | | 66 | 2360 | 37098000 |
| AC-POWER | ELECTRICAL-POWER.707-131 | AIR | 460P | | | | 65 | 2361 | 37100000 |
| AC-POWER | ELECTRICAL-POWER.707-131 | AIR | 480P | | | | 65 | 2364 | 37102000 |
| AC-POWER | ELECTRICAL-POWER.727 | AIR | 500P | | | | 66 | 2365 | 37104000 |
| AC-POWER | ELECTRICAL-POWER.707-131B | AIR | 510P | | | | 66 | 2362 | 37106000 |
| AC-POWER | ELECTRICAL-POWER.727 | AIR | 540P | | | | 66 | 2365 | 37108000 |
| AC-POWER | ELECTRICAL-POWER.331C/373C | AIR | 540P | | | | 66 | 2363 | 37110000 |
| AC-POWER | ELECTRICAL-POWER.727 | AIR | 570P | | | | 65 | 2363 | 37112000 |
| AC-POWER | ELECTRICAL-POWER.727 | AIR | 610P | | | | 65 | 2365 | 37114000 |
| AC-POWER | ELECTRICAL-POWER.707-131 | AIR | 630P | | | | 66 | 2362 | 37116000 |

PART CLASS 337 POWER SUPPLIES, ELECTRICAL, ROTATING

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CRSES INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .04 GENERATORS | | | | | | | | | |
| AC-POWER | ELECTRICAL-POWER.707-131 | AIR | 6000 | | | | 65 | 2342 | 37118000 |
| AC-POWER | ELECTRICAL-POWER.707-931 | AIR | 6000 | | | | 65 | 2342 | 37120000 |
| AC-POWER | ELECTRICAL-POWER.707-931 | AIR | 6000 | | | | 66 | 2342 | 37122000 |
| AC/DC.AIR-TURBINE-DRIVEN | | AIR | 222.84 | 382.705 | | .00857 | 63 | 1123 | 37124000A |
| AC/DC.BRUSH.115/200VAC. 400CPS.28VDC | | AIR | 8724.83 | 12723.4 | | .00149 | 63 | 1132 | 37126000 |
| AC/DC.BRUSHLESS.115/200VAC. 28VDC | | AIR | 6896.55 | 10352.7 | | .00029 | 63 | 1132 | 37128000 |
| AC/DC.RAM-AIR | | AIR | 1675.97 | 3732.29 | 16 | .00179 | 63 | 1132 | 37130000 |
| AUDIO-FREQUENCY | | LAB | .35 | | | | 63 | 1138 | 37132000 |
| AUXILIARY-GEARBOX.115VAC | | HELI | 166.666 | 256.777 | 240 | .06 | 65 | 1215 | 37134000 |
| CLOCK-PULSE | COMPUTER (STORAGE) | AIR | 1123.59 | 2502.17 | 36 | .00267 | 64 | 1256 | 37136000A |
| D.C. | | ASL | .1 | | | | 65 | 2440 | 37138000 |
| DC | | LAB | .9 | | | | 63 | 1138 | 37140000 |
| DC | | AIR GRD | 160 | | | | 61 | 2L2 | 37142000 |
| DC | | HELI | 183.654 | 322.378 | 190 | .03267 | 63 | 1118 | 37144000 |
| DC | | AIR | 964.347 | 600.256 | | .115 | 61 | 1004 | 37146000 |
| DC | | AIR GRD | 627 | | | | 61 | 2L2 | 37148000 |
| DC | | HELI | 746.268 | 2982.76 | 190 | .00134 | 63 | 1118 | 37150000 |
| DC | | AIR GRD | 842.592 | 967.447 | | .188 | 58 | 2L2 | 37152000 |
| DC | F-111 | AIR | 2702.7 | 4398.1 | | .00296 | 62 | 2708 | 37154000 |
| DC.AIR-TURBINE-MOTOR-DRIVEN | | AIR | 47.1889 | 94.2851 | 98 | .00478 | 63 | 1198 | 37156000 |
| DC.AIR-TURBINE-MOTOR-DRIVEN | | AIR | 53.3333 | 106.58 | 30 | .075 | 63 | 1114 | 37158000 |
| DC.ENGINE-DRIVEN | | AIR | 344.481 | 392.188 | 200 | .299 | 63 | 1114 | 37160000 |
| DC.ENGINE-DRIVEN | | AIR | 356.865 | 402.875 | 200 | .33912 | 63 | 1198 | 37162000 |
| DC.SLIPRING | MA-1-POWER | AIR | 2621.72 | 4408.57 | 36 | .00267 | 66 | 1256 | 37164000A |
| DC.100-AMP.28V-DC | | AIR | 1709.89 | 1957.91 | 220 | .655 | 61 | 1000 | 37166000A |
| DC-POWER | | AIR | 107.884 | 120.314 | | .538 | 63 | 2114 | 37168000 |
| DELAY.MONOSTABLE. MULTIVIBRATOR | | SUB | 3000 | 6480.0 | 30 | .001 | 65 | 1246 | 37170000 |
| DIESEL-ELEC | | | 64.4286 | 77.6213 | | 1.084 | 61 | 2208 | 37172000 |
| DIESEL-ELEC | | SHP | 71.8597 | 133.295 | | .06958 | 63 | 2208 | 37174000 |
| DIESEL-ELEC | | | 88.1834 | 130.669 | | .13600 | 63 | 2208 | 37176000 |
| DIFFERENTIAL | | AIR | * | 109.647 | 2 | .021 | 62 | 1099 | 37178000 |
| DIFFERENTIAL | | AIR | * | 95.9416 | 1 | .024 | 62 | 1099 | 37180000 |
| DIFFERENTIAL | | AIR | * | 56.1609 | 1 | .041 | 62 | 1099 | 37182000 |
| DIFFERENTIAL | | AIR | * | 383.766 | 1 | .006 | 62 | 1099 | 37184000 |
| DIFFERENTIAL | | AIR | * | 143.912 | 9 | .016 | 62 | 1099 | 37186000 |
| DIFFERENTIAL | | AIR | * | 104.663 | 1 | .022 | 62 | 1099 | 37188000 |
| DIFFERENTIAL | | AIR | * | 164.471 | 1 | .014 | 62 | 1099 | 37190000 |
| DIFFERENTIAL | | AIR | * | 191.883 | 5 | .012 | 62 | 1099 | 37192000 |
| DIFFERENTIAL | | AIR | * | 164.471 | 1 | .014 | 62 | 1099 | 37194000 |
| DIFFERENTIAL | | AIR | 6.12959 | 10.3072 | 38 | 1.142 | 62 | 1099 | 37196000 |
| DIFFERENTIAL | | AIR | 16.6666 | 64.8283 | 18 | .06 | 62 | 1093 | 37198000 |
| DIFFERENTIAL | | AIR | 29.7927 | 36.2512 | 90 | 1.544 | 62 | 1099 | 37200000 |

PART CLASS 357 POWER SUPPLIES, ELECTRICAL, ROTATING

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .04 GENERATORS | | | | | | | | | |
| DIFFERENTIAL | | AIR | 43.4782 | 169.117 | 3 | .023 | 62 | 1099 | 37202000 |
| DIFFERENTIAL | | AIR | 90.909 | 241.922 | 6 | .022 | 62 | 1099 | 37204000 |
| DIFFERENTIAL | | AIR | 183.206 | 249.095 | 17 | .131 | 62 | 1099 | 37206000 |
| DIFFERENTIAL | | AIR | 210.326 | 311.957 | 4 | .057 | 62 | 1099 | 37208000 |
| EMERGENCY.RAT-DRIVEN | | AIR | 362.318 | 984.184 | 52 | .00552 | 65 | 1247 | 37210000 |
| GAS | (STORAGE) | | * | 1315.77 | | .00175 | 63 | 2L1 | 37212000A |
| GAS | (STORAGE) | | * | 59.2232 | | .03888 | 63 | 2L1 | 37214000 |
| GAS | (STORAGE) | | * | 153.506 | | .01500 | 63 | 2L1 | 37216000A |
| GAS | (STORAGE) | | 8333.33 | 10903.7 | | .00300 | 63 | 2L1 | 37218000A |
| GAS.DRY-CHARGED | PRIMARY-BATTERY(STORAGE-220F) | AIR LB | 607.441 | 852.376 | 140 | .02634 | 65 | 1191 | 37220000A |
| GAS.PROPELLANT-ACTUATED | | SIM MSL | * | 5616.09 | 811 | .00041 | 65 | 1220 | 37222000A |
| GAS.SQUIB-ACTIVATED N-5-PROPELLANT | PRIMARY-BATTERY(STORAGE-200F.) | LAB | * | 84.499 | 175 | .02725 | 64 | 1191 | 37224000A |
| GAS.SQUIB-ACTIVATED. N-5-PROPELLANT | PRIMARY-BATTERY(STORAGE-200F.) | LAB | * | 153.506 | 75 | .015 | 64 | 1191 | 37226000A |
| GAS.SQUIB-ACTIVATED. N-5-PROPELLANT | PRIMARY-BATTERY(STORAGE) | GRD | * | 4.0439 | 120 | .5694 | 64 | 1191 | 37228000 |
| GATE | RANGE-CROSSHAIR.RADAR.AS89 | AIR | 83.7871 | 222.97 | 62 | .02387 | 63 | 1111 | 37230000 |
| GATE | FREQUENCY-CONVERTER-TRANSMITTER. DOPPLER-NAVIGATION | SIM GRD AIR | 125 | 486.212 | 139 | .008 | 63 | 1117 | 37232000A |
| GATE | FREQUENCY-CONVERTER-TRANSMITTER. DOPPLER-NAVIGATION | SIM GRD AIR | 372.054 | 587.267 | 390 | .02419 | 64 | 1181 | 37234000 |
| GATE | RANGE-TIMING.RADAR.AS89 | AIR | 837.871 | 1133.01 | 62 | .02387 | 63 | 1111 | 37236000 |
| GATE.ALTITUDE-TIMING | RADAR.AS85 | AIR | 41.8935 | 162.953 | 62 | .02387 | 63 | 1111 | 37238000 |
| GATE.ALTITUDE-UNBLANK | RADAR.AS85 | AIR | 83.7871 | 222.97 | 62 | .02387 | 63 | 1111 | 37240000 |
| GATE.SWEEP | RADAR-PRESENTATION.AS89 | AIR | 83.7871 | 222.97 | 62 | .02387 | 63 | 1111 | 37242000 |
| GENERATOR-A.C. | | AIR | 200P | | | | 65 | 2330 | 37244000 |
| GENERATOR-D.C. | | AIR | 100P | | | | 65 | 2330 | 37246000 |
| HARMONIC | DOPPLER-NAVIGATION-SYSTEM | SIM GRD AIR | 248.138 | 552.588 | 195 | .01209 | 64 | 1181 | 37248000A |
| HARMONIC | DOPPLER-NAVIGATION-SYSTEM | SIM GRD AIR | 250 | 665.267 | 139 | .008 | 63 | 1117 | 37250000 |
| HB-SWEEP | F-111 | AIR | 3947.36 | 8790.52 | | .00076 | 62 | 2700 | 37252000 |
| IGNITION | TURBOJET.J-85 | AIR | 49.0869 | 91.0534 | 812 | .10186 | 64 | 1179 | 37254000 |
| IGNITION.EXCITER | TURBOJET.J-85 | AIR | 30.6292 | 51.5047 | 946 | .22854 | 65 | 1228 | 37256000 |
| INDUCTION | CENTRAL-AIR-DATA-COMPUTER | SIM GRD AIR | 47.2589 | 125.763 | 195 | .04232 | 64 | 1181 | 37258000A |
| INDUCTION | CENTRAL-AIR-DATA-COMPUTER | SIM GRD AIR | 66.6666 | 177.41 | 278 | .03 | 63 | 1117 | 37260000 |
| LB-SWEEP | F-111 | AIR | 2702.7 | 7192.29 | | .00074 | 62 | 2700 | 37262000 |
| MAIN | | HELI | 57.8034 | 153.823 | 40 | .0346 | 64 | 1257 | 37264000 |
| MAIN | | HELI | 78.9265 | 307 | 40 | .01267 | 64 | 1257 | 37266000 |
| MARKER.ELEC | SEARCH-RADAR.AN/APN-59 | AIR | 218.818 | 345.392 | 76 | .04113 | 64 | 1250 | 37268000A |
| MAXIMUM-SPEED | AUDIBLE-WARNING-SYSTEM | AIR | 48.6263 | 129.481 | 76 | .04113 | 64 | 1250 | 37270000A |
| MB-SWEEP | F-111 | AIR | 2702.7 | 7192.29 | | .00074 | 62 | 2700 | 37272000 |
| MECHANICAL-DRIVE | | AIR | 1.55P | | | | 65 | 2590 | 37274000 |
| MECHANICAL-DRIVE | | AIR | 9.14P | | | | 65 | 2590 | 37276000 |
| MECHANICAL-DRIVE. ENGINE-DRIVEN | | AIR | 2.37P | | | | 65 | 2590 | 37278000 |

PART CLASS 557 POWER SUPPLIES, ELECTRICAL, ROTATING

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .04 GENERATORS | | | | | | | | | |
| MECHANICAL-DRIVE. ENGINE-DRIVEN | | AIR | 5.9P | | | | 65 | 2998 | 37200000 |
| MECHANICAL-DRIVE.AIR-DRIVEN | | AIR | 1.03P | | | | 65 | 2998 | 37202000 |
| MECHANICAL-DRIVE.AIR-DRIVEN | | AIR | 2.07P | | | | 65 | 2998 | 37204000 |
| NOISE | F-111 | AIR | 0 | 4264.07 | | .00054 | 62 | 2700 | 37206000 |
| NOISE.ASSEMBLY | | SUB AIR | 166.666 | 443.325 | | .012 | 63 | 1183 | 37208000A |
| PROG.PULSE | F-111 | AIR | 2282[illegible].5 | 24688.2 | | .01205 | 62 | 2700 | 37210000 |
| PULSE | | SUB | .19002 | .440977 | 201 | 15.15 | 64 | 1261 | 37212000A |
| PULSE | PROPELLER-ASSEMBLY | AIR | 6.44496 | 14.3524 | 488 | .46549 | 63 | 1198 | 37214000 |
| PULSE | PROPELLER-ASSEMBLY | AIR | 27.5791 | 39.6509 | 200 | .50763 | 65 | 1198 | 37216000 |
| PULSE | SWEEP-TRIGGER.RADAR.AS89 | AIR | 83.752 | 325.77 | 31 | .01194 | 63 | 1111 | 37218000 |
| PULSE | SECTOR-SCAN.RADAR.AS89 | AIR | 335.008 | 669.476 | 31 | .01194 | 63 | 1111 | 37300000 |
| PULSE | F-111 | AIR | 5454.54 | 12146.9 | | .00055 | 62 | 2700 | 37302000 |
| PULSE | F-111 | AIR | 10937.5 | 18392 | | .00064 | 62 | 2700 | 37304000 |
| PULSE.COMMAND | HYDROMATIC-PROPELLER | AIR | 16.129 | 62.737 | 272 | .062 | 63 | 1114 | 37306000 |
| PULSE.COMMAND | HYDROMATIC-PROPELLER | AIR | 39.64 | 57.0198 | 408 | .353 | 63 | 1114 | 37308000 |
| PULSE.COMMAND | STIMULI-RACK | GRD | 764.84 | 899.075 | | .0876 | 62 | 1141 | 37310000 |
| PULSE.TIMING | RADAR-PRESENTATION.AS89 | AIR | 1061.15 | 1317.69 | 93 | .03581 | 63 | 1111 | 37312000 |
| PULSE.TRANSISTOR | PANEL-ASSEMBLY | SUB | 1322.75 | 2453.62 | 5 | .00378 | 63 | 1246 | 37314000 |
| PULSE.TRANSISTOR | PANEL-ASSEMBLY | SUB | 1333.33 | 2664.51 | 5 | .003 | 64 | 1161 | 37316000A |
| PULSE.IF | TOSS-BOMB-COMPUTER | SUB GRD AIR | 1693.69 | 2056.41 | 195 | .02775 | 64 | 1181 | 37318000A |
| PULSE-REPITITION-FREQUENCY | RADAR.AS89 | AIR | 251.361 | 441.227 | 62 | .02387 | 63 | 1111 | 37320000 |
| REFERENCE | | LAB | .94 | | | | 63 | 1138 | 37322000 |
| REFERENCE.TUNING-FORK | | AIR GND | 90.909 | 353.609 | 250 | .011 | 65 | 1221 | 37324000 |
| REFERENCE-SIGNAL.2-CHANNEL | TOSS-BOMB | SUB GRD AIR | 324.324 | 911.927 | 195 | .02775 | 64 | 1181 | 37326000A |
| REFERENCE-SIGNAL.4-CHANNEL | TOSS-BOMB | SUB GRD AIR | 432.432 | 640.776 | 195 | .02775 | 64 | 1181 | 37328000A |
| RF | STIMULI-RACK.MOBILE-INSPECTION-UNIT | GRD | 1449.77 | 1628.95 | | .0876 | 62 | 1141 | 37330000 |
| SCAN | SEARCH-RADAR | AIR | 6741.57 | 9272.02 | 36 | .00267 | 66 | 1256 | 37332000A |
| SCAN-PATTERN | TARGET-SEEKER-SYSTEM | GRD | 5217.39 | 7731.1 | | .0023 | 62 | 1135 | 37334000 |
| SERVO | | | 250 | | | | 61 | 2N5 | 37336000 |
| SERVO-MOTOR | | | 272 | | | | 61 | 2N5 | 37338000 |
| SIGNAL | F-111 | AIR | 0 | 4039.64 | | .00057 | 62 | 2700 | 37340000 |
| SIGNAL | F-111 | AIR | 0 | 4039.64 | | .00057 | 62 | 2700 | 37342000 |
| SIGNAL | AN/AQA-3-RECORDER-SYSTEM | AIR | 247.488 | 343.681 | 48 | .06869 | 64 | 1162 | 37344000 |
| SIGNAL | F-111 | AIR | 4310.34 | 6640.79 | | .00232 | 62 | 2700 | 37346000 |
| SIGNAL | F-111 | AIR | 6250 | 12689.9 | | .00064 | 62 | 2700 | 37348000 |
| SIGNAL | F-111 | AIR | 6596.85 | 7795.02 | | .00055 | 62 | 2700 | 37350000 |
| SIGNAL. FREQUENCY-CALIBRATION | STIMULI-RACK. MOBILE-INSPECTION-UNIT | GRD | 1073.05 | 1229.28 | | .0876 | 62 | 1141 | 37352000 |
| SIGNAL.FM | STIMULI-RACK | GRD | 1986.3 | 2193.52 | | .0876 | 62 | 1141 | 37354000 |
| SIGNAL.7-SEGMENT. COUNTDOWN-TIME | | LAB | 0 | 118.142 | | .01949 | 65 | 1222 | 37356000A |
| SPECTRUM | RECEIVER-TRANSMITTER.RT-435 | AIR | 79.8403 | 212.467 | 195 | .02505 | 64 | 1181 | 37358000A |
| SPECTRUM | RECEIVER-TRANSMITTER.RT-435 | SUB GRD AIR | 111.111 | 295.683 | 139 | .018 | 63 | 1117 | 37360000 |
| SPECTRUM | RECEIVER-TRANSMITTER.RT-435 | AIR | 119.76 | 266.698 | 195 | .02505 | 64 | 1181 | 37362000A |

PART CLASS 557 POWER SUPPLIES, ELECTRICAL, ROTATING

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .04 GENERATORS | | | | | | | | | |
| STAB-DATA | SEARCH-RADAR.AN/APN59.CN221A | AIR | 120.985 | 172.965 | 109 | .11637 | 64 | 1198 | 37364000 |
| STAB-DATA | SEARCH-RADAR.AN/APN59.CN221A | AIR | 161.812 | 323.363 | 48 | .02472 | 65 | 1227 | 37366000 |
| STAB-DATA | SEARCH-RADAR.AN/APN59.CN221A | AIR | 200 | 445.386 | 68 | .015 | 63 | 1114 | 37368000 |
| STAB-DATA | SEARCH-RADAR.AN/APN-59.CN221 | AIR | 204.545 | 281.321 | 102 | .088 | 63 | 1114 | 37370000 |
| STAB-DATA | SEARCH-RADAR.AN/APN-59.CN221 | AIR | 212.749 | 275.464 | 50 | .12691 | 64 | 1198 | 37372000 |
| STAB-DATA | SEARCH-RADAR.AN/APN59.CN221A | AIR | 316.07 | 460.927 | 76 | .04113 | 66 | 1250 | 37374000A |
| STAB-DATA | SEARCH-RADAR.AN/APN-59.CN221 | AIR | 577.946 | 698.855 | 50 | .08478 | 63 | 1198 | 37376000 |
| STANDBY/STARTER | SEARCH-RADAR.AN/APN-59.CN221 | AIR | 671.428 | 815.221 | 50 | .070 | 63 | 1114 | 37378000 |
| STANDBY/STARTER | | HELI | 144.508 | 260.054 | 40 | .0346 | 66 | 1257 | 37380000 |
| STANDBY/STARTER | | HELI | 157.893 | 420.071 | 40 | .01267 | 66 | 1257 | 37382000 |
| STANDBY/STARTER | | HELI | 294.117 | 782.691 | 20 | .0068 | 66 | 1257 | 37384000 |
| STARTER | | HELI | 740.74 | 1480.28 | 20 | .0054 | 66 | 1257 | 37386000 |
| SWEEP | RADAR-PRESENTATION-SET.AS89 | AIR | 4644.92 | 6888.62 | | .138 | 59 | 1078 | 37388000 |
| SWEEP | SYNCHRONIZER.TOSS-BOMB-COMPUTER | SIN GRD AIR | 83.7696 | 167.404 | 124 | .04775 | 63 | 1111 | 37390000 |
| SWEEP | INDICATOR.TOSS-BOMB-COMPUTER | SIN GRD AIR | 108.108 | 240.749 | 195 | .02775 | 64 | 1181 | 37392000A |
| SWEEP | SEARCH-RADAR.ASQ15. FIRE-CONTROL-SYSTEM | SIN GRD AIR | 360.36 | 555.196 | 195 | .02775 | 64 | 1181 | 37394000A |
| SWEEP.PULSE | TOSS-BOMB-COMPUTER | AIR | 11139 | 12481.7 | 31 | .01194 | 63 | 1111 | 37396000 |
| SYNCHRONIZER. SWEEP-INDICATOR | RADAR | SIN GRD AIR | 1333.33 | 1560.65 | 195 | .02775 | 64 | 1181 | 37398000A |
| SYNCHRONIZER. 2-CHANNEL-REFERENCE-SIGNAL | RADAR | SIN GRD AIR | 300 | 526.605 | 139 | .02 | 63 | 1117 | 37400000 |
| SYNCHRONIZER.PULSE-SWEEP | RADAR-SYSTEM | SIN GRL AIR | 400 | 849.735 | 139 | .02 | 63 | 1117 | 37402000 |
| TACHOMETER | | SIN GRD AIR | 1750 | 2193.57 | 139 | .02 | 63 | 1117 | 37404000 |
| TACHOMETER | ENGINE-INSTRUMENTATION | AIR | 21.7391 | 38.1597 | | .276 | 59 | 1070 | 37406000 |
| TACHOMETER | ENGINE-INDICATING.880 | AIR | 32.258 | 85.8435 | 272 | .062 | 63 | 1114 | 37408000 |
| TACHOMETER | | AIR | 40P | | | | 66 | 2363 | 37410000 |
| TACHOMETER | ENGINE/AUXILIARY-POWER-UNIT-INSTRUMENT | LAB | 50 | | | | 61 | 1066 | 37412000 |
| TACHOMETER | | AIR | 57.7507 | 78.7311 | 608 | .329 | 66 | 1250 | 37414000 |
| TACHOMETER | | SUB | 80.7248 | 97.6095 | 60 | .607 | 63 | 1092 | 37416000 |
| TACHOMETER | | AIR | 89.2857 | 165.619 | | .056 | 61 | 1082 | 37418000 |
| TACHOMETER | | LAB | 100 | | | | 61 | 1086 | 37420000 |
| TACHOMETER | ENGINE-INSTRUMENTATION | AIR | 128.834 | 172.909 | | .163 | 61 | 1083 | 37422000 |
| TACHOMETER | | AIR | 169.717 | 196.985 | 400 | .46548 | 65 | 1198 | 37424000 |
| TACHOMETER | | AIR | 200 | 777.94 | | .005 | 61 | 1066 | 37426000 |
| TACHOMETER | ENGINE-INSTRUMENTATION | AIR | 200P | | | | 65 | 2330 | 37428000 |
| TACHOMETER | ENGINE-INDICATING.880 | AIR | 211.042 | 262.851 | 812 | .17532 | 64 | 1179 | 37430000 |
| TACHOMETER | ENGINE-INSTRUMENTATION | AIR | 230P | | | | 65 | 2363 | 37432000 |
| TACHOMETER | ENGINE | AIR | 262.536 | 311.538 | 946 | .22854 | 65 | 1228 | 37434000 |
| TACHOMETER | ENGINE | AIR | 333.333 | 505.116 | 64 | .018 | 59 | 1110 | 37436000 |
| TACHOMETER | ENGINE-INSTRUMENTATION | AIR | 363.636 | 491.729 | 320 | .055 | 61 | 1080 | 37438000 |
| TACHOMETER | ENGINE-INSTRUMENTATION | AIR | 437.385 | 464.894 | 1194 | 1.0357 | 67 | 1272 | 37440000A |
| | | AIR | 518.413 | 571.059 | 408 | .353 | 63 | 1114 | 37442000 |

PART CLASS 557 POWER SUPPLIES, ELECYRICAL, ROTATING

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .04 GENERATORS | | | | | | | | | |
| TACHOMETER | | AIR | 551.528 | 643.987 | 244 | .12692 | 64 | 1144 | 37444000 |
| TACHOMETER | | AIR | 573.913 | 675.482 | | .115 | 61 | 1004 | 37444000 |
| TACHOMETER | ENGINE-INSTRAUMENTATION | AIR | 509.761 | 646.08 | 200 | .33912 | 63 | 1198 | 37448000 |
| TACHOMETER | ENGINE-INSTRUMENTATION | AIR | 626.44 | 673.981 | 200 | .50763 | 65 | 1198 | 37450000 |
| TACHOMETER | ENGINE-INSTRUMENTATION | AIR | 632.107 | 695.2 | 200 | .299 | 63 | 1114 | 37452000 |
| TACHOMETER | ELECTRICAL-SYSTEM | AIR | 893.642 | 981.251 | 124 | .21597 | 65 | 1195 | 37454000 |
| TACHOMETER.MB-6 | | AIR | 136.842 | 199.557 | 248 | .095 | 63 | 1111 | 37456000 |
| TACHOMETER.MIL-G-9398 | POWER-TURBINE | HELI | 100 | 175.535 | 240 | .04 | 65 | 1215 | 37458000 |
| TACHOMETER.MIL-G-9398 | ENGINE | HELI | 200 | 351.07 | 120 | .03 | 65 | 1215 | 37460000 |
| TACHOMETER.7V-PER-1000RPM | | GRD | 0 | 892.48 | | .00258 | 64 | 1188 | 37462000 |
| TONE | AUDIO-SYSTEM | AIR | 54.4217 | 108.795 | 100 | .0735 | 65 | 1198 | 37464000 |
| TORQUE | INERTIAL-GUIDANCE-SYSTEM(180-DEG.F) | GRD | 92.2663 | | | .11922 | 62 | 1136 | 37466000 |
| TRANSMITTER-FREQUENCY-CONVERTER | DOPPLER | SIN GRD AIR | 500 | 999.193 | 139 | .008 | 63 | 1117 | 37468000 |
| TUB-TONE | F-111 | AIR | 11764.7 | 16914.2 | | .00119 | 62 | 2760 | 37470000 |
| VHF-SIGNAL | F-111 | AIR | 1784.38 | 6824.03 | | .00957 | 62 | 2700 | 37472000 |
| 1000RPM | | AIR | 340 | | | | 62 | 2240 | 37474000 |
| 2-1/2KVA | EMERGENCY-POWER-SYSTEM | AIR | 80.9061 | 215.303 | 48 | .02472 | 65 | 1227 | 37476000 |
| 2-1/2KVA. EMERGENCY-POWER-SYSTEM | | AIR | 48.6263 | 129.401 | 76 | .04113 | 66 | 1298 | 37478000 |
| 20KVA.400C | | AIR | 2030 | 2366.51 | | .03100 | 66 | 2134 | 37480000 |
| 28V | | AIR | 27 | | | | 57 | 2L1 | 37482000 |
| 28V | | AIR | 196 | | | | 57 | 2L1 | 37484000 |
| 28V | | AIR | 200 | | | | 57 | 2L1 | 37486000 |

PART CLASS 562 POWER SUPPLIES, ELECTRICAL, STATIC

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| | AMPLIFIER.APR-6 | AIR | * | 220.344 | 50 | .01045 | 63 | 1198 | 37488000 |
| | FIRE-CONTROL-AMPLIFIER.SIGHT-SYSTEM | SIM GRD AIR | * | 82.9765 | 195 | .02775 | 64 | 1181 | 37490000 |
| | RADIO-RECEIVER-TRANSMITTER.IFF-SET. APX-25 | SIM GRD AIR | * | 91.9201 | 195 | .02505 | 64 | 1181 | 37492000A |
| | | GRD | 25.5734 | 30.1776 | 365 | 2.5026 | 64 | 1210 | 37494000 |
| | LAUNCHING.MISSLE-CONTROL-EQUIPMENT | GRD | 85.6164 | 121.531 | | .1752 | 62 | 1141 | 37496000 |
| | TOTALIZER.FUEL-QUANTITY. ENGINE-INSTRUMENTATION | AIR | 94.3618 | 153.275 | 50 | .08478 | 63 | 1198 | 37498000 |
| | RECEIVER-COMMAND-SYSTEM | GRD | 126.582 | 492.367 | | .0079 | 62 | 1135 | 37500000 |
| | FUEL-QUANTITY.ENGINE-INSTRUMENTATION | AIR | 126.798 | 155.36 | 200 | .33912 | 63 | 1198 | 37502000 |
| | PRE-LAUNCH.MISSLE-CONTROL-EQUIPMENT | GRD | 165.289 | 439.859 | | .0121 | 62 | 1141 | 37504000 |
| | DYNAVERTER.PP-2792/ARN-30D | HELI | 185.185 | 720.314 | 20 | .0054 | 66 | 2257 | 37506000 |
| | NAVIGATIONAL-COMPUTER | AIR | 194.552 | 756.75 | | .00514 | 65 | 1188 | 37508000 |
| | AN/ARC-34X.UHF-COMMUNICATION | AIR | 285.192 | 373.159 | 468 | .08766 | 64 | 1179 | 37510000 |
| | AN/ARC-34X.UHF-COMMUNICATION | AIR | 295.429 | 328.452 | 597 | .51789 | 67 | 1272 | 37512000A |
| | AMPLIFIER.ALL-ATTITUDE-REFERENCE | SIM GRD AIR | 302.969 | 430.062 | 195 | .04951 | 64 | 1181 | 37514000A |
| | AN/ARC-34X.UHF-COMMUNICATION | AIR | 306.292 | 383.928 | 473 | .11427 | 65 | 1228 | 37516000 |
| | ERASE-CONTROL.OPTICAL-DISPLAY | SIM GRD AIR | 324.324 | 511.927 | 195 | .02775 | 64 | 1181 | 37518000 |
| | AN/ART-28-RADIO-TRANSMITTER | AIR | 364.103 | 505.592 | 63 | .04669 | 64 | 1153 | 37520000 |
| | GYRO-SPIN.NAVIGATIONAL-COMPUTER | AIR | 389.105 | 1035.46 | | .00514 | 65 | 1188 | 37522000 |
| | AJB-7-LOFT-BOMB-COMPUTER | AIR | 425.318 | 590.595 | | .03997 | 65 | 1188 | 37524000 |
| | MICROWAVE-OSCILLATOR.TARGET-SEEKER | GRD | 434.782 | 1691.17 | | .0023 | 62 | 1135 | 37526000 |
| | RADAR | SIM GRD AIR | 468.468 | 683.169 | 195 | .02775 | 64 | 1181 | 37528000A |
| | ELECTRICAL-SYSTEM | AIR | 574.18 | 679.403 | 68 | .10798 | 65 | 1155 | 37530000 |
| | DATA-LINK-CONVERTER.COMMAND-SYSTEM | GRD | 632.911 | 1174.01 | | .0079 | 62 | 1135 | 37532000 |
| | AN/AQA-3-RECORDER-SYSTEM | AIR | 844.373 | 1004.99 | 48 | .06869 | 64 | 1162 | 37534000 |
| | AJB-3A-LOFT-BOMB-RELEASE-COMPUTER | AIR | 934.297 | 1105.51 | | .06636 | 65 | 1188 | 37536000 |
| | FUEL-SYSTEM.ENGINE-INSTRUMENTATION | AIR | 1297.58 | 1443.65 | 100 | .11637 | 65 | 1198 | 37538000 |
| | AN/ASQ-37 | SIM GRD AIR | 1517.26 | 1765.58 | 390 | .05009 | 64 | 1181 | 37540000 |
| | FUEL-SYSTEM.ENGINE-INSTRUMENTATION | AIR | 1725.63 | 1884.87 | 50 | .12691 | 65 | 1198 | 37542000 |
| | ALTIMETER-SET.APN-159 | AIR | 1834.86 | 3646.76 | | .00218 | 66 | 1241 | 37544000A |
| | AN/ASA-31-JULIE-TARGET-COMPUTER | AIR | 1848.88 | 2077.39 | 48 | .06869 | 64 | 1162 | 37546000 |
| | AN/ASN-28-RADAR-TRANSMITTER | AIR | 1981.9 | 2273.86 | 63 | .04642 | 64 | 1155 | 37548000 |
| | DOPPLER-NAVIGATION-SYSTEM | SIM GRD AIR | 2067.82 | 2705.64 | 195 | .01209 | 64 | 1181 | 37550000 |
| | TV-VIEW-FINDER. FLIGHT-TRACK-NAVIGATION | AIR | 2296.65 | 3022.34 | 50 | .01045 | 63 | 1198 | 37552000 |
| | CONTROL.ARMAMENT-SYSTEM | AIR | 2621.72 | 4408.57 | 36 | .00267 | 66 | 1256 | 37554000A |
| | AN/APS-82-RADAR-SET | AIR | 6386.86 | 6984.32 | 63 | .04384 | 63 | 1135 | 37556000 |
| | COMMAND-UHF | AIR | 11610.4 | 14767.7 | 36 | .00267 | 66 | 1256 | 37558000A |
| BIAS | AN/ASQ-37 | SIM GRD AIR | 119.76 | 266.698 | 195 | .02505 | 64 | 1181 | 37560000A |
| COUPLER | LORAN.AN/APN-70 | AIR | 25.7798 | 57.4099 | 100 | .11637 | 65 | 1198 | 37562000 |
| DC | VA828-KLYSTRON-FILAMENT | SHP | 525.131 | 658.237 | 40 | .06665 | 65 | 1223 | 37564000 |
| DC.0-18V.15A | | LAB | 32.0225 | 49.336 | 86 | .31228 | 65 | 1222 | 37566000A |
| DC.0-36V.50A | | LAB | 4.44284 | 17.2814 | 62 | .22508 | 65 | 1222 | 37568000A |
| DC.10V.REGULATED.TRANSISTOR | | SUB | 500 | 1113.44 | 10 | .006 | 64 | 1161 | 37570000A |

PART CLASS 562 POWER SUPPLIES, ELECTRICAL, STATIC

| PART DESCRIPTION .60 M.B.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| DC.1CV.22A | | | | | | | | | |
| DC.150/300V | STIMULI-RACK | LAB | 14.3307 | 55.7423 | 20 | .06978 | 65 | 1222 | 37572000A |
| DC.150V | RADAR-TRANSPONDER.GUIDANCE | GRD | 1518.26 | 1701.28 | | .0876 | 62 | 1141 | 37574000 |
| DC.18V | EVALUATOR/PROGRAMMER | GRD | 1518.98 | 2250.82 | | .0079 | 62 | 1135 | 37576000 |
| DC.24/36V-INPUT.5V-OUTPUT. PRECISION | | GRD | 627.853 | 750.901 | | .0676 | 62 | 1141 | 37578000 |
| DC.250V | | GRD | 423.728 | 846.774 | 27 | .00944 | 66 | 2245 | 37580000A |
| DC.28V | RADAR-TRANSPONDER.GUIDANCE | GRD | 3164.55 | 4140.65 | | .0079 | 62 | 1135 | 37582000 |
| DC.28V.10A | EVALUATOR/PROGRAMMER | GRD | 570.776 | 688.807 | | .0876 | 62 | 1141 | 37584000 |
| DC.28V.15A | | LAB | 65.9195 | 256.407 | 4 | .01517 | 65 | 1222 | 37586000 |
| DC.28V.50A | | LAB | 37.2485 | 82.95 | 56 | .08054 | 65 | 1222 | 37588000 |
| DC.30V.REGULATED.TRANSISTOR | | LAB | * | 27.5134 | 32 | .08369 | 65 | 1222 | 37590000 |
| HIGH-VOLTAGE | OPTICAL-DISPLAY | SUB | 1666.66 | 2567.77 | 10 | .006 | 64 | 1161 | 37592000 |
| HIGH-VOLTAGE | SIGHT-SYSTEM | SIM GRD AIR | * | 82.9765 | 195 | .02775 | 64 | 1181 | 37594000A |
| HIGH-VOLTAGE | FLIGHT-SCOPE.TDC | SIM GRD AIR | 72.072 | 191.794 | 195 | .02775 | 64 | 1181 | 37596000A |
| HIGH-VOLTAGE | PANEL-ASSEMBLY | SIM GRD AIR | 504.504 | 725.333 | 195 | .02775 | 64 | 1181 | 37598000A |
| HIGH-VOLTAGE | PANEL-ASSEMBLY | SUB | 1587.3 | 2786.26 | 5 | .00378 | 65 | 2246 | 37600000 |
| HIGH-VOLTAGE | TARGET-SEEKER-SYSTEM | SUB | 2000 | 3510.7 | 5 | .003 | 64 | 1161 | 37602000A |
| INVERTERS | DC-POWER-SUPPLY-SYSTEM | GRD | 22000 | 29320.2 | | .001 | 62 | 1135 | 37604000 |
| INVERTERS | POWER-SUPPLY-SYSTEM | AIR | 50.2037 | 65.3351 | 597 | .51789 | 67 | 1272 | 37606000 |
| INVERTERS.STATIC. 30VDC-TO115/200VAC.400CPS | | LAB | 204.081 | 793.816 | 7 | .0049 | 66 | 1259 | 37608000A |
| INVERTERS.STATIC. 30VDC-TO115/200VAC.400CPS | (M=MINUTES) | GRD | * | 1145.57 | 6 | .00201 | 65 | 1187 | 37610000A |
| ISOLATION | | MSL | * | .104664M | 4 | 22M | 65 | 1187 | 37612000A |
| LOW-VOLTAGE | TARGET-SEEKER-SYSTEM | GRD | 1282.05 | 2378.12 | | .0039 | 62 | 1139 | 37614000 |
| MINUS-250VDC | TOSS-BOMB-COMPUTER | SIM GRD AIR | 108.108 | 240.749 | 195 | .02775 | 64 | 1181 | 37616000 |
| PLUG-IN | MA-1-POWER | AIR | 2621.72 | 4408.57 | 36 | .00267 | 66 | 2256 | 37618000A |
| PP-1073 | MISSLE-LAUNCH-COMPUTER | SIM GRD AIR | * | 82.9765 | 195 | .02775 | 64 | 1181 | 37620000A |
| PP-1073 | SEARCH-RADAR.AN/APN-59 | AIR | 588.639 | 658.47 | 200 | .23274 | 65 | 1198 | 37622000 |
| PP-1073 | SEARCH-RADAR.AN/APN-59 | AIR | 795.839 | 907.241 | 50 | .12691 | 65 | 1198 | 37624000 |
| PP-1073A | SEARCH-RADAR.AN/APN-59 | AIR | 1380.04 | 1558.35 | 50 | .08478 | 63 | 1198 | 37626000 |
| PP-1073A | SEARCH-RADAR.AN/APN-59 | AIR | 809.061 | 998.991 | 96 | .04944 | 65 | 1227 | 37628000 |
| PP-1170 | SEARCH-RADAR.AN/APN-59 | AIR | 1701.92 | 1901.47 | 152 | .08226 | 66 | 2250 | 37630000A |
| PP-1170 | GLIDE-SLOPE.AN/ARN-31 | AIR | 15.7591 | 41.9375 | 50 | .12691 | 65 | 1198 | 37632000 |
| PP-3256 | GLIDE-SLOPE.AN/ARN-18/31 | AIR | 35.3857 | 78.8016 | 50 | .08478 | 63 | 1198 | 37634000 |
| PP-3256 | LORAN-SYSTEM.AN/APN-151 | AIR | 202.265 | 375.19 | 48 | .02472 | 65 | 1227 | 37636000 |
| RECTIFIER.3-PHASE | LORAN-SYSTEM.AN/APN-151 | AIR | 267.444 | 403.553 | 76 | .04113 | 66 | 2250 | 37638000 |
| RECTIFIER.3-PHASE.PANEL | PANEL | SUB | 224.274 | 311.426 | 660 | .0758 | 65 | 2246 | 37640000 |
| REFERENCE.50VDC.COMP-21 | | SUB | 30.03 | 116.807 | 198 | .0333 | 64 | 1161 | 37642000A |
| STATIC | MA-1-POWER | AIR | 1123.59 | 2502.17 | 36 | .00267 | 66 | 2256 | 37644000A |
| STATIC | POWER-SUPPLY-SYSTEM | AIR | 43.756 | 81.1647 | 473 | .11427 | 65 | 1228 | 37646000 |
| STATIC-INVERTER | POWER-SUPPLY-SYSTEM | AIR | 91.1577 | 148.07 | 406 | .08776 | 64 | 1179 | 37648000 |
| STATIC-INVERTER | ELECTRICAL-POWER.727 | AIR | 220P | | | | 66 | 2363 | 37650000 |
| STATIC-INVERTER | ELECTRICAL-POWER.727 | AIR | 610P | | | | 66 | 2365 | 37652000 |
| | ELECTRICAL-POWER.727 | AIR | 710P | | | | 66 | 2363 | 37654000 |

PART CLASS 562 POWER SUPPLIES, ELECTRICAL, STATIC

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| ..0 N.O.C. | | | | | | | | | |
| STATIC-INVERTER | ELECTRICAL-POWER.727 | AIR | 910P | | | | 65 | 2365 | 37656000 |
| STATIC-INVERTER | ELECTRICAL-POWER.727 | AIR | 1020P | | | | 65 | 2363 | 37658000 |
| STATIC-INVERTER | ELECTRICAL-POWER.727 | AIR | 1280P | | | | 66 | 2365 | 37660000 |
| TRANSISTOR.15/5.V | MA-1-POWER | AIR | 2996.25 | 4866.92 | 36 | .00267 | 66 | 1256 | 37662000A |
| 10V | | SUB | 397.35 | 884.874 | 10 | .00755 | 65 | 1246 | 37664000 |
| 105-VOLT | | SUB | 15.413 | 28.5903 | 54 | .3244 | 65 | 1249 | 37666000 |
| 105-VOLT | | LAB | 17.5617 | 32.5759 | 54 | .28471 | 65 | 1209 | 37668000 |
| 135-VOLT | | SUB | 37.5117 | 55.5847 | 54 | .3199 | 65 | 1249 | 37670000 |
| 135-VOLT | | LAB | 42.8021 | 63.4239 | 54 | .28036 | 65 | 1209 | 37672000 |
| 13-1/2-VOLT | | SUB | 1.54107 | 5.99429 | 108 | .6489 | 65 | 1249 | 37674000 |
| 13-1/2-VOLT | | LAB | 1.7562 | 6.8311 | 108 | .56941 | 65 | 1209 | 37676000 |
| 13-1/2-VOLT | | SUB | 4.68896 | 10.442 | 108 | .6398 | 65 | 1249 | 37678000 |
| 13-1/2-VOLT | | LAB | 5.35035 | 11.9148 | 108 | .56071 | 65 | 1209 | 37680000 |
| 15 /30 VDC.SOLID-STATE | | SHP | 7.3066 | 11.8683 | 440 | 1.0949 | 65 | 1223 | 37682000 |
| 150VDC | PERFORMANCE-MONITOR | SHP | 75.0187 | 139.155 | 40 | .06665 | 65 | 1223 | 37684000 |
| 150VDC | | SHP | 195.048 | 284.44 | 40 | .06665 | 65 | 1223 | 37686000 |
| 150 VDC | BEAM-SUPPLY | SHP | 90.0225 | 158.021 | 40 | .06665 | 65 | 1223 | 37688000 |
| 2.V | PRE-LAUNCH.MISSLE-CONTROL | GRD | * | 794 | | .0029 | 62 | 1141 | 37690000 |
| 225V | PRE-LAUNCH.MISSLE-CONTROL | GRD | * | 697.757 | | .0033 | 62 | 1141 | 37692000 |
| 28-VOLT | | LAB | 6.25195 | 16.6373 | 54 | .3199 | 65 | 1249 | 37694000 |
| 28-VOLT | | LAB | 7.13368 | 18.9838 | 54 | .28036 | 65 | 1209 | 37696000 |
| 28C/115V | AN/ASC-37 | SIM GRD AIR | * | 98.9201 | 195 | .02505 | 64 | 1181 | 37698000A |
| 30V | | SUB | 1589.4 | 2355.17 | 10 | .00755 | 65 | 1246 | 37700000 |
| 30V.REGULATOR.TRANSISTOR | | SUB | 250 | 972.425 | 27 | .004 | 64 | 1161 | 37702000A |
| 30V.REGULATOR.TRANSISTOR | | SUB | 769.23 | 1293.5 | 180 | .0091 | 65 | 1246 | 37704000 |
| 416M-1 | HF-COMMUNICATION-SYSTEM | AIR | 122.133 | 155.345 | 100 | .25382 | 65 | 1198 | 37706000 |
| 416M-1 | HF-COMMUNICATION-SYSTEM | AIR | 294.88 | 355.859 | 100 | .16956 | 63 | 1198 | 37708000 |
| 5 /2 /4-VOLT | | LAB | 36.9913 | 54.8136 | 54 | .3244 | 65 | 1249 | 37710000 |
| 5 /2 /4-VOLT | | LAB | 37.5117 | 55.5847 | 54 | .3199 | 65 | 1249 | 37712000 |
| 5 /2 /4-VOLT | | LAB | 38.6358 | 58.2984 | 54 | .28471 | 65 | 1209 | 37714000 |
| 5 /2 /4-VOLT | | LAB | 42.8021 | 63.4239 | 54 | .28036 | 65 | 1209 | 37716000 |
| 55V.REGULATOR.TRANSISTOR | | SUB | 1359.22 | 1751.45 | 240 | .0206 | 65 | 1246 | 37718000 |
| 650V.NON-REGULATED.HI-POWER | | SUB | 263.157 | 1023.6 | 30 | .0038 | 65 | 1246 | 37720000 |

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
SECTION I FAILURE RATE DATA — NONELECTRONIC PART FAILURE RATE DATA — JANUARY 1968

PART CLASS 566 PADS

| PART DESCRIPTION .00 N.E.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| BUMPER | TAIL-SKID.FUSELAGE.CTR.BELOW-WL200 | AIR | 40 | 69.0773 | 50 | .075 | 63 | 1114 | 37722000 |
| BUMPER | TAIL-SKID.FUSELAGE.CTR.BELOW-WL200 | AIR | 58.9761 | 109.397 | 50 | .08478 | 63 | 1198 | 37724000 |
| BUMPER | TAIL-SKID.FUSELAGE.CTR.BELOW-WL200 | AIR | 125 | 188.615 | 102 | .088 | 63 | 1114 | 37726000 |
| BUMPER | TAIL-SKID.FUSELAGE.CTR.BELOW-WL200 | AIR | 133.333 | 354.82 | 68 | .015 | 63 | 1114 | 37728000 |
| BUMPER | TAIL-SKID.FUSELAGE.CTR.BELOW-WL200 | AIR | 141.832 | 195.849 | 50 | .12691 | 65 | 1198 | 37730000 |
| JACKING | LANDING-GEAR.NOSE | AIR | 326.544 | 405.488 | 100 | .11637 | 65 | 1198 | 37732000 |
| JACKING | LANDING-GEAR.MAIN | AIR | 8.7512 | 34.0385 | 473 | .11427 | 65 | 1228 | 37734000 |
| JACKING | LANDING-GEAR.MAIN | AIR | 11.4077 | 30.3576 | 812 | .17532 | 64 | 1179 | 37736000 |
| JACKING | LANDING-GEAR.NOSE | AIR | 24.2536 | 46.0842 | 946 | .22054 | 65 | 1228 | 37738000 |
| JACKING | LANDING-GEAR.MAIN | AIR | 34.2281 | 74.2126 | 406 | .20766 | 64 | 1179 | 37740000 |
| JACKING | LANDING-GEAR.NOSE | AIR | 40.5522 | 49.8102 | 1194 | 1.0357 | 67 | 1272 | 37742000 |
| STRAP | TANK-ENGINE-OIL-SYSTEM | AIR | 52.1346 | 67.5032 | 597 | .51789 | 67 | 1272 | 37744000 |
| | | | 0 | 2.47335 | 606 | .0309 | 65 | 1198 | 37746000 |

PART CLASS 567 FANS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| | AIR-CONDITIONER-VENT-SYSTEM | AIR | * | 13.9975 | 504 | .1645 | 66 | 1250 | 37740000 |
| | AIR-CONDITIONER-VENT-SYSTEM | AIR | * | 23.2868 | 192 | .09088 | 65 | 1227 | 37750000 |
| DRAIN | WATER-SYSTEM | AIR | * | 2.01593 | 450 | 1.1422 | 65 | 1198 | 37752000 |
| DRAIN | WATER-SYSTEM | AIR | .954836 | 3.71402 | 900 | 1.0473 | 65 | 1198 | 37754000 |
| DRAIN | WATER-SYSTEM | AIR | 11.7932 | 45.8799 | 50 | .08478 | 64 | 1198 | 37756000 |
| DRIP | EMERGENCY-EXTENSION, NOSE-LANDING-GEAR | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 37758000A |
| DRIP | NO-2-HYDRAULIC-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 37760000A |
| DRIP | NO-2-HYDR-HYDRAULIC-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 37762000 |
| DRIP | EMERGENCY-EXTENSION,NOSE-LANDING-GR | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 37764000 |
| DRIP | NO-1-HYDRAULIC-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 37766000 |
| DRIP | HYDRAULIC-POWER-SUPPLY | AIR | * | 6.59562 | 300 | .34911 | 65 | 1198 | 37768000 |
| DRIP | NO-1-HYDRAULIC-SYSTEM | AIR | 97.2526 | 194.348 | 76 | .04113 | 66 | 1250 | 37770000 |
| INDUCTION.AIR | ENGINE | HELI | 433.526 | 615.387 | 40 | .0346 | 66 | 1257 | 37772000 |
| OIL.ENGINE | TURBOPROP-POWER-PLANT | AIR | * | 2.47333 | 800 | .93097 | 65 | 1198 | 37774000 |
| OIL.ENGINE | TURBOPROP-POWER-PLANT | AIR | * | 4.53598 | 200 | .50763 | 65 | 1198 | 37776000 |
| OIL.ENGINE | TURBOPROP-POWER-PLANT | AIR | * | 6.78992 | 200 | .33912 | 63 | 1198 | 37778000 |
| OIL.RIDGE | ENGINE | HELI | 78.9265 | 307 | 40 | .01267 | 66 | 1257 | 37780000 |
| OIL.RIDGE | ENGINE | HELI | 115.606 | 231.027 | 40 | .0346 | 66 | 1257 | 37782000 |

PART CLASS 568 PANELS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| | PHOTOGRAPHIC-EQUIPMENT | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 37784000 |
| | MANUAL-RAMP-CONTROL.DOOR.HYDRAULIC | AIR | * | 18.1421 | 90 | .12692 | 65 | 1198 | 37786000 |
| | VHF-NAV-SYS.AN/ARN-14.ID-251 | AIR | * | 9.89344 | 200 | .23274 | 65 | 1198 | 37788000 |
| | RADIO-COMPASS.ACI/ARN-6.C-1513 | AIR | * | 220.344 | 50 | .01045 | 63 | 1198 | 37790000 |
| | CONTROLS.PHOTOGRAPHIC-EQUIPMENT | AIR | * | 1186.9 | 31 | .00194 | 63 | 1111 | 37792000 |
| | RADAR-PRESSURE-SYSTEM.C-1173 | AIR | * | 19.7868 | 100 | .11637 | 65 | 1114 | 37794000 |
| | SEARCH-RADAR.AN/APN-59.C-1242 | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 37796000 |
| | SEARCH-RADAR.AN/APN-59.C-1242 | AIR | * | 220.344 | 50 | .01045 | 63 | 1198 | 37798000 |
| | CONTROLS.CHAFF-DISPENSIVE-SET | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 37800000 |
| | RADIO-COMPASS.AN/ARN-6.C-1513 | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 37802000 |
| | PHOTOGRAPHIC-EQUIPMENT | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 37804000 |
| | CONTROLS.GLIDE-PATH.RADIO.ARN31 | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 37806000 |
| | CONTROL.FIRE-EXTINGUISHER-SYSTEM | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 37808000 |
| | CONTROL.FUEL-SYSTEM | AIR | * | 27.1597 | 50 | .08478 | 63 | 1198 | 37810000 |
| | INTERCOM.AN/AIC-10.C-823 | AIR | * | 1.134 | 800 | 2.0305 | 65 | 1198 | 37812000 |
| | VHF-NAV-SYS.AN/ARN-14.C-996A | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 37814000 |
| | INTERCOM.AN/AIC-10.C-824A | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 37816000 |
| | CONTROLS.AUTO.CHAFF-DISPENSIVE-SET.ALE-1 | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 37818000 |
| | INSTRUMENT.FLIGHT-DECK | AIR | * | 31.049 | 144 | .07416 | 65 | 1227 | 37820000 |
| | RADAR | SIH GRD AIR | * | 82.9765 | 195 | .02775 | 64 | 1181 | 37822000A |
| | CONTROL.CAMERA.APR-6 | AIR | * | 220.344 | 50 | .01045 | 63 | 1227 | 37824000 |
| | SEARCH-RADAR.AN/APN-59.C-1242 | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 37826000 |
| | CONTROLS.LIAISON-RADIO.ARC-50 | AIR | * | 1186.9 | 31 | .00194 | 63 | 1111 | 37828000 |
| | SEARCH-RADAR.AN/APN-59.C-1242 | AIR | * | 27.1597 | 50 | .08478 | 63 | 1198 | 37830000 |
| | CONTROLS.TRUE-HEADING-SYSTEM.AJA-1 | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 37832000 |
| | UHF-COMMUNICATION.AN/ARC-34 | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 37834000 |
| | UHF-COMMUNICATION.AN/ARC-34 | AIR | * | 3.32668 | 1344 | .69216 | 65 | 1227 | 37836000 |
| | SEARCH-RADAR.AN/APN-59.C-1242 | AIR | * | 220.344 | 50 | .01045 | 63 | 1198 | 37838000 |
| | CONTROL.GALLEY | AIR | * | 18.1435 | 50 | .12691 | 65 | 1114 | 37840000 |
| | UHF-COMMUNICATION.AN/ARC-34 | AIR | * | 46.3393 | | .04969 | 63 | 1123 | 37842000 |
| | CONSOLE.VERTICAL.INSTRUCTOR-COMPARTMENT | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 37844000 |
| | MAGNETIC-VARIATION.ASTRO.COMPASS.MD-1 | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 37846000 |
| | SEARCH-RADAR.AN/APN-59.C-1242 | AIR | * | 220.344 | 50 | .01045 | 63 | 1198 | 37848000 |
| | CONTROLS.MACH-TRIM-COMPENSATOR.AFCS | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 37850000 |
| | CONTROLS.BOMB-SCORING-EQUIPMENT | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 37852000 |
| | CONTROLS.COPILOT.AC-POWER-SUPPLY-SYSTEM | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 37854000 |
| | VHF-COMMUNICATION-SYS.AN/ARC-49 | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 37856000 |
| | CONTROL.GALLEY | AIR | * | 18.1435 | 50 | .12691 | 65 | 1114 | 37858000 |
| | ENGAGE/APP.AUTOPILOT-SYSTEM | AIR | 1.90967 | 5.08192 | 900 | 1.0473 | 69 | 1198 | 37860000 |
| | INSTRUMENT-SYSTEM | AIR | 3.08684 | 12.0071 | 189 | .32395 | 63 | 1135 | 37862000 |
| | STATION.CAMERA | AIR | 4.49478 | 8.48232 | 1728 | .80992 | 65 | 1227 | 37864000 |
| | P-A-SYSTEM.AN/AIC-13 | AIR | 8.59328 | 33.4252 | 100 | .11637 | 65 | 1198 | 37866000 |

PART CLASS 569 PANELS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| | VHF-COMMUNICATION-SYS.AN/ARC-49 | AIR | 8.7512 | 34.0395 | 473 | .11427 | 65 | 1228 | 37868000 |
| | STATION.CAMERA | AIR | 8.7512 | 23.2882 | 946 | .22854 | 65 | 1228 | 37870000 |
| | INSTRUMENT.STUDENT-COMPARTMENT | AIR | 8.7512 | 34.0395 | 473 | .11427 | 65 | 1228 | 37872000 |
| | CONSOLE.VERTICAL.INSTRUCTOR-COMPARTMENT | AIR | 8.7512 | 23.2882 | 946 | .22854 | 65 | 1228 | 37874000 |
| | ENGAGE/APP.AUTOPILOT-SYSTEM | AIR | 8.75503 | 13.4885 | 450 | 1.1422 | 65 | 1198 | 37876000 |
| | UHF-COMMUNICATION.AN/ARC-34-SYSTEM | AIR | 9.98701 | 38.8465 | 384 | .10013 | 66 | 1225 | 37878000 |
| | VHF-NAV-SYS.AN/ARN-14.C-996A | AIR | 11.4077 | 44.3725 | 406 | .08766 | 64 | 1179 | 37880000 |
| | STABILIZERS.YAW.ROLL.PITCH | AIR | 11.4077 | 44.3725 | 406 | .08766 | 64 | 1179 | 37882000 |
| | VHF-COMMUNICATION-SYS.AN/ARC-49 | AIR | 11.4077 | 44.3725 | 406 | .08766 | 64 | 1179 | 37884000 |
| | INSTRUMENT.STUDENT-COMPARTMENT | AIR | 11.4077 | 44.3725 | 406 | .08766 | 64 | 1179 | 37886000 |
| | MANUAL-RAMP-CONTROL.DOOR.HYDRAULIC | AIR | 11.7952 | 45.8799 | 50 | .08478 | 63 | 1198 | 37888000 |
| | P-A-SYSTEM | AIR | 11.7952 | 45.8799 | 50 | .08478 | 63 | 1198 | 37890000 |
| | ENGAGE/APP.AUTOPILOT-SYSTEM | AIR | 11.7955 | 18.6186 | 450 | .763 | 63 | 1198 | 37892000 |
| | CONSOLE.INSTRUCTOR-COMPARTMENT | AIR | 11.8196 | 20.7475 | 200 | .50763 | 65 | 1198 | 37894000 |
| | ENGAGE/APP.AUTOPILOT-SYSTEM | AIR | 11.8694 | 19.2799 | 450 | .674 | 63 | 1114 | 37896000 |
| | VHF-NAV-SYS.AN/ARN-14.C-996A | AIR | 13.2644 | 18.0833 | 3720 | 1.4324 | 63 | 1111 | 37898000 |
| | MANUAL-RAMP-CONTROL.DOOR.HYDRAULIC | AIR | 13.3333 | 51.8626 | 50 | .075 | 63 | 1114 | 37900000 |
| | CONTROL.FIRE-EXTINGUISHER-SYSTEM | AIR | 13.3333 | 51.8626 | 50 | .075 | 63 | 1114 | 37902000 |
| | ENGAGE/APP.AUTOPILOT-SYSTEM | AIR | 15.1133 | 22.3948 | 918 | .794 | 63 | 1114 | 37904000 |
| | ENGAGE/APP.AUTOPILOT-SYSTEM | AIR | 16.1812 | 43.0606 | 240 | .1236 | 65 | 1227 | 37906000 |
| | INSTRUMENT.INSTRUCTOR-COMPARTMENT | AIR | 17.5024 | 46.5765 | 473 | .11427 | 65 | 1228 | 37908000 |
| | HF-COMMUNICATION-SYSTEM.614C-2 | AIR | 20.1342 | 44.8375 | 100 | .149 | 63 | 1114 | 37910000 |
| | CONTROL.WING-SPOILER-SYSTEM | AIR | 20.2565 | 25.8711 | 2736 | 1.481 | 66 | 1250 | 37912000 |
| | STABILIZERS.YAW.ROLL.PITCH | AIR | 21.427 | 83.3447 | | .04867 | 63 | 1123 | 37914000 |
| | VHF-COMMUNICATION-SYS.614U-6 | AIR | 22.8154 | 40.7152 | 406 | .08766 | 64 | 1179 | 37916000 |
| | CONTROL.FLIGHT-DECK | AIR | 24.3131 | 94.5708 | 76 | .04113 | 66 | 1250 | 37918000 |
| | CONTROLS.YAW-DAMPER.RUDDER.APCS | AIR | 24.3131 | 94.5708 | 76 | .04113 | 66 | 1250 | 37920000 |
| | VHF-COMMUNICATION-SYS.AN/ARC-49 | AIR | 26.2536 | 58.465 | 473 | .11427 | 65 | 1228 | 37922000 |
| | SHELTER-MONITOR.LAUNCHING-EQUIPMENT | GRD | 28.5388 | 52.9377 | | .1792 | 62 | 1141 | 37924000 |
| | CONTROLS.AN/ARC-38-HF-COMMUNICATION-SYSTEM | AIR | 28.7631 | 64.0536 | 63 | .1043 | 64 | 1140 | 37926000 |
| | RADAR-PRESSURE-SYSTEM-C-1173 | AIR | 31.5182 | 62.9859 | 50 | .12691 | 65 | 1198 | 37928000 |
| | VHF-COMMUNICATION-SYS.AN/ARC-49 | AIR | 34.2231 | 76.2126 | 406 | .08766 | 64 | 1179 | 37930000 |
| | VHF-NAV-SYS.AN/ARN-14.C-996A | AIR | 35.0048 | 69.9531 | 473 | .11427 | 65 | 1228 | 37932000 |
| | VHF-NAV-SYS.AN/ARN-14.C-996A | AIR | 35.3857 | 78.8016 | 50 | .08478 | 63 | 1198 | 37934000 |
| | CLEARANCE-PLANE-INDICATOR.TOSS-BOMB-COMPUTER | SIR GRD AIR | 36.036 | 140.169 | 195 | .02775 | 64 | 1181 | 37936000A |
| | CONTROLS.AN/ARD-13-AUTO-DIRECTION-FINDER | AIR | 37.5234 | 74.9863 | 63 | .1046 | 64 | 1140 | 37938000 |
| | VHF-NAV-SYS.AN/ARN-14.C-996A | AIR | 40 | 89.0773 | 50 | .075 | 63 | 1114 | 37940000 |
| | YAW-DAMPER.RUDDER.APCS | AIR | 40.453 | | 48 | .02472 | 65 | 1227 | 37942000 |
| | HF-COMMUNICATION-SYS.614C-2 | AIR | 40.453 | 157.35 | 48 | .02472 | 65 | 1227 | 37944000 |
| | P-A-SYSTEM | AIR | 40.453 | 157.35 | 48 | .02472 | 65 | 1198 | 37946000 |

PART CLASS 500 PANELS

| PART DESCRIPTION .00 N.E.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SINCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| | YAW-DAMPER.RUDDER.APCS | AIR | 40.453 | 157.35 | 48 | .02472 | 65 | 1227 | 37948000 |
| | UHF-COMMUNICATION.AN/ARC-34 | AIR | 40.455 | 157.35 | 48 | .02472 | 65 | 1227 | 37950000 |
| | CONTROL.FUEL-SYSTEM | AIR | 42.9664 | 79.7 | 100 | .11637 | 65 | 1198 | 37952000 |
| | VHF-COMMUNICATION-SYS.6144U-6 | AIR | 43.756 | 81.1647 | 473 | .11427 | 65 | 1228 | 37954000 |
| | P-A-SYSTEM.AN/AIC-13 | AIR | 45.4545 | 98.8357 | 102 | .088 | 63 | 1114 | 37956000 |
| | INSTRUMENT.INSTRUCTOR-COMPARTMENT | AIR | 45.6200 | 91.1881 | 406 | .08766 | 64 | 1179 | 37958000 |
| | WING.OUTER.FLIGHT-CONTROL-SYSTEM | AIR | 46.9027 | 71.3369 | 126 | .21597 | 64 | 1155 | 37960000 |
| | MONITOR-SCREEN.FLIGHT-TRACK-NAV | AIR | 48.1316 | 72.6268 | 946 | .22854 | 65 | 1198 | 37962000 |
| | VHF-NAV-SYS.AN/ARN-14.C-996A | AIR | 55.1571 | 92.7499 | 50 | .12691 | 65 | 1198 | 37964000 |
| | P-A-SYSTEM.AN/AIC-13.C-1614 | AIR | 55.1571 | 92.7499 | 50 | .12691 | 65 | 1198 | 37966000 |
| | P-A-SYSTEM.AN/AIC-13.C-1614 | AIR | 55.1571 | 92.7499 | 50 | .12691 | 65 | 1198 | 37968000 |
| | RADAR-PRESSURE-SYSTEM-C-1173 | AIR | 60.1529 | 101.15 | 100 | .11637 | 65 | 1198 | 37970000 |
| | CONSOLE.INSTRUCTOR-COMPARTMENT | AIR | 61.2504 | 88.8721 | 946 | .22854 | 65 | 1228 | 37972000 |
| | VHF-NAV-SYS.AN/ARN-14.C-996A | AIR | 64.5161 | 171.687 | 136 | .031 | 63 | 1114 | 37974000 |
| | UHF-COMMUNICATION.AN/ARC-34 | AIR | 64.5161 | 171.687 | 136 | .031 | 63 | 1114 | 37976000 |
| | VHF-COMMUNICATION-SYS.6144U-6 | AIR | 66.6666 | 259.313 | 68 | .015 | 63 | 1114 | 37978000 |
| | VHF-NAV-SYS.AN/ARN-14.C-996A | AIR | 68.1818 | 119.682 | 102 | .066 | 63 | 1114 | 37980000 |
| | RADAR-PRESSURE-SYSTEM.C-1173 | AIR | 70.7714 | 124.228 | 50 | .08478 | 63 | 1198 | 37982000 |
| | INTERCOM.AN/AIC-18A.-C-2104-COMPARTMENT | AIR | 74.1901 | 100.133 | 812 | .17532 | 64 | 1179 | 37984000 |
| | VHF-COMMUNICATION-SYS.6144U-6 | AIR | 79.772 | 134.141 | 50 | .08775 | 65 | 1198 | 37986000 |
| | INTERCOM.AN/AIC-18A.-C-2105 | AIR | 79.8539 | 114.887 | 812 | .17532 | 64 | 1179 | 37988000 |
| | RADIO-COMPASS.AN/ARN-6.C-1513 | AIR | 80.9001 | 215.303 | 48 | .02472 | 65 | 1227 | 37990000 |
| | VHF-COMMUNICATION-SYSTEM | AIR | 81.6326 | 163.133 | 102 | .049 | 63 | 1114 | 37992000 |
| | CONTROLS.AUXILIARY.FIRE-CONTROL-SYSTEM | AIR | 83.752 | 325.77 | 31 | .01194 | 63 | 1111 | 37994000 |
| | CONTROLS.AIR-CONDITIONING | AIR | 83.752 | 325.77 | 31 | .01194 | 63 | 1111 | 37996000 |
| | CONSOLE.INSTRUCTOR-COMPARTMENT | AIR | 85.5578 | 121.448 | 812 | .17532 | 64 | 1179 | 37998000 |
| | CONTROLS.AN/ARN-21-UHF-NAVIGATION-SET | AIR | 87.0322 | 173.924 | 63 | .04596 | 64 | 1155 | 38000000 |
| | TUNER.TRANSMITTER.ALT-68 | AIR | 89.7558 | 127.407 | 434 | .16712 | 63 | 1111 | 38002000 |
| | CONTROLS.SELECT-IDENTIFICATION-FREQUENCY.APA-89 | AIR | 94.3173 | 188.482 | | .04241 | 63 | 1123 | 38004000 |
| | VHF-COMMUNICATION-SYS.AN/ARC-49 | AIR | 94.3418 | 153.275 | 50 | .08478 | 63 | 1198 | 38006000 |
| | STATION.CAMERA | AIR | 95.7243 | 213.171 | 150 | .03134 | 63 | 1198 | 38008000 |
| | CONTROLS.INTERPHONE.AIC-10A | AIR | 97.0017 | 129.277 | 589 | .2268 | 63 | 1111 | 38010000 |
| | VHF-COMMUNICATION-SYSTEM | AIR | 100.623 | 186.651 | | .04969 | 63 | 1123 | 38012000 |
| | VHF-COMMUNICATION-SYS.6144U-6 | AIR | 100.633 | 159.043 | | .09937 | 63 | 1123 | 38014000 |
| | CONSOLE.VERTICAL.STUDENT COMPARTMENT | AIR | 102.669 | 141.206 | 812 | .17532 | 64 | 1198 | 38016000 |
| | VHF-NAV-SYS.AN/ARN-14.C-996A | AIR | 103.119 | 135.703 | 200 | .23274 | 65 | 1198 | 38018000 |
| | INTERCOM.AN/AIC-18A.-C-2105 | AIR | 103.119 | 135.703 | 200 | .23274 | 65 | 1198 | 38020000 |
| | RADAR-PRESSURE-SYSTEM.C-1173 | AIR | 103.896 | 168.762 | 340 | .077 | 63 | 1114 | 38022000 |
| | RADIO-COMPASS.AN/ARN-6.C-1513 | AIR | 105.66 | 136.13 | 306 | .245 | 63 | 1114 | 38024000 |
| | VHF-COMMUNICATION-SYS.AN/ARC-49 | AIR | 106.666 | 173.262 | 50 | .075 | 63 | 1114 | 38026000 |

PART CLASS 568 PANELS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.E.C. | | | | | | | | | |
| | VHF-COMMUNICATION-SYS.AN/ARC-49 | AIR | 106.666 | 173.262 | 50 | .075 | 63 | 1114 | 38028000 |
| | STATION.CAMERA | AIR | 107.142 | 238.6 | 150 | .028 | 63 | 1114 | 38030000 |
| | RADIO-COMPASS.AN/ARN-6.C-1513 | AIR | 108.695 | 201.623 | 204 | .046 | 63 | 1114 | 38032000 |
| | INTERCOM.AN/AIC-18A.-C-2106 | AIR | 109.39 | 143.131 | 946 | .22854 | 65 | 1228 | 38034000 |
| | RADIO-COMPASS.AN/ARN-6.C-1513 | AIR | 110.317 | 135.502 | 150 | .38072 | 65 | 1198 | 38036000 |
| | CONTROLS.LANDING-GEAR | AIR | 121.359 | 270.258 | 48 | .02472 | 65 | 1227 | 38038000 |
| | CONTROL.OXYGEN.PARATROOP. CARGO-COMPARTMENT | AIR | 121.565 | 225.497 | 76 | .04113 | 66 | 1250 | 38040000 |
| | HF-COMMUNICATION-SYSTEM.614C-2 | AIR | 124.602 | 159.828 | 200 | .23274 | 65 | 1198 | 38042000 |
| | HF-COMMUNICATION-SYS.614C-2 | AIR | 124.602 | 159.828 | 200 | .23274 | 65 | 1198 | 38044000 |
| | INTERCOM.AN/AIC-10.C-823 | AIR | 125 | 166.592 | 204 | .176 | 63 | 1194 | 38046000 |
| | CONTROLS.TACAN | AIR | 125.612 | 193.526 | | .07961 | 63 | 1123 | 38048000 |
| | CONTROLS.AN/ASQ-10-MAGNETIC-ANOMALY-DETECTION | AIR | 131.023 | 204.813 | 48 | .06849 | 64 | 1162 | 38050000 |
| | CONSOLE.VERTICAL. INSTRUCTER-COMPARTMENT | AIR | 132.277 | 147.969 | 1194 | 1.0357 | 67 | 1272 | 38052000 |
| | VHF-COMMUNICATION-SYS.614U-6 | AIR | 137.492 | 192.932 | 100 | .11637 | 65 | 1198 | 38054000 |
| | CONSOLE.VERTICAL.STUDENT-COMPARTMENT | AIR | 142.898 | 159.159 | 1194 | 1.0357 | 67 | 1272 | 38056000 |
| | CONTROLS.AN/ARC-52-UHF-RADIO | AIR | 160.139 | 241.638 | 48 | .04869 | 64 | 1162 | 38058000 |
| | CONSOLE.INSTRUCTOR-COMPARTMENT | AIR | 161.29 | 299.183 | 136 | .031 | 63 | 1114 | 38060000 |
| | CAUTION-LIGHT.ELECTRICAL-SYSTEM | HELI | 166.666 | 309.156 | 120 | .03 | 65 | 1215 | 38062000 |
| | MANUAL-SET.ASTROCOMPASS.MD-1 | AIR | 167.504 | 445.753 | 31 | .01194 | 63 | 1111 | 38064000 |
| | AC-POWER-DISTRIBUTION | AIR | 167.504 | 445.753 | 31 | .01194 | 63 | 1111 | 38066000 |
| | WING | AIR | 167.504 | 445.753 | 31 | .01194 | 63 | 1111 | 38068000 |
| | SEARCH-RADAR.AN/APN-59.C-1242 | AIR | 170.454 | 241.959 | 102 | .088 | 63 | 1114 | 38070000 |
| | RADIO-COMPASS.AN/ARN-6.C-1513 | AIR | 172.998 | 211.459 | 150 | .25434 | 63 | 1198 | 38072000 |
| | CONSOLE.INSTRUCTOR-COMPARTMENT | AIR | 174.761 | 192.612 | 1194 | 1.0357 | 67 | 1272 | 38074000 |
| | RADIO-COMPASS.AN/ARN-6.C-1513 | AIR | 182.222 | 224.4 | 150 | .225 | 63 | 1114 | 38076000 |
| | SEARCH-RADAR.AN/APN-59.C-1242 | AIR | 189.052 | 251.957 | 100 | .11637 | 65 | 1198 | 38078000 |
| | RADAR-PRESSURE-SYSTEM.C-1173 | AIR | 201.814 | 232.09 | 510 | .441 | 63 | 1114 | 38080000 |
| | ENGAGE/APP.AUTOPILOT-SYSTEM | AIR | 212.314 | 292.006 | 50 | .08478 | 63 | 1198 | 38082000 |
| | CONSOLE.STUDENT-COMPARTMENT | AIR | 216.278 | 235.999 | 1194 | 1.0357 | 67 | 1272 | 38084000 |
| | INTERCOM.AN/AIC-10.C-826 | AIR | 218.181 | 323.3 | 192 | .055 | 59 | 1110 | 38086000 |
| | BALANCE.AILERON-CONTROL | AIR | 218.181 | 323.3 | 192 | .055 | 59 | 1110 | 38088000 |
| | ENGAGE/APP.AUTOPILOT-SYSTEM | AIR | 226.666 | 314.748 | 17 | .075 | 63 | 1114 | 38090000 |
| | SEARCH-RADAR.AN/APN-59.C-1242 | AIR | 228.508 | 293.109 | 50 | .12691 | 65 | 1198 | 38092000 |
| | DOOR.CARGO.MAIN.W/HARDWARE-LATCH | HELI | 237.154 | 416.288 | 80 | .0253 | 66 | 1257 | 38094000 |
| | LINE-OF-POSITION.ASTROCOMPASS.MD-1 | AIR | 251.256 | 559.53 | 31 | .01194 | 63 | 1111 | 38096000 |
| | DOOR.CARGO.MAIN.W/HARDWARE-LATCH | HELI | 260.115 | 357.75 | 80 | .0692 | 66 | 1257 | 38098000 |
| | SEARCH-RADAR.AN/APN-59.C-1242 | AIR | 266.666 | 532.903 | 68 | .015 | 63 | 1114 | 38100000 |
| | ENGAGE/APP.AUTOPILOT-SYSTEM | AIR | 266.666 | 532.903 | 4 | .015 | 63 | 1114 | 38102000 |
| | CONTACTOR.AC-POWER-SUPPLY.MAIN | AIR | 267.379 | 1040.02 | 41 | .00374 | 63 | 1132 | 38104000 |
| | ENGAGE/APP.AUTOPILOT-SYSTEM | AIR | 274.984 | 340.309 | 32 | .11637 | 65 | 1198 | 38106000 |
| | CONTROLS.DC | AIR | 285.114 | 448.19 | 320 | .035 | 61 | 1080 | 38108000A |
| | INTERCOM.AN/AIC-18A.-C-2106 | AIR | 311.688 | 418.175 | 340 | .077 | 63 | 1114 | 38110000 |

PART CLASS 568 PANELS

| PART DESCRIPTION .00 N.E.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| | CONTROLS.ELECTRICAL-SYSTEM | AIR | 319.486 | 374.651 | 126 | .21597 | 65 | 1193 | 38112000 |
| | INTERCOM.AN/AIC-18A.-C-2106 | AIR | 348.449 | 378.817 | 500 | .58185 | 65 | 1190 | 38114000 |
| | CONTROLS.GENERATOR.AC-POWER-SYSTEM | AIR | 418.848 | 566.309 | 124 | .04775 | 63 | 1111 | 38116000 |
| | CONTROLS.AN/ARC-52-UHF-COMMUNICATION SYSTEM | AIR | 419.103 | 513.508 | 63 | .1026 | 64 | 1140 | 38118000 |
| | CONTROLS.AN/ASA-24-NAVIGATION-COMPUTER | AIR | 450.257 | 604.294 | 63 | .04644 | 64 | 1193 | 38120000 |
| | SLAVING/ADDRESS.STIMULI-RACK | GRD | 460.036 | 576.369 | | .0876 | 62 | 1141 | 38122000 |
| | STAR-DATA.ASTROCOMPASS.MD-1 | AIR | 474.727 | 659.204 | 93 | .03581 | 63 | 1111 | 38124000 |
| | UHF-COMMUNICATION.AN/ARC-34 | AIR | 483.694 | 595.341 | 50 | .04478 | 63 | 1198 | 38126000 |
| | CONTROLS.AN/AIC-18.INTERPHONE | AIR | 485.891 | 550.269 | 946 | .22854 | 65 | 1228 | 38128000 |
| | CONTROLS.COMPUTER.ASG-15.FIRE-CONTROL-SYSTEM | AIR | 502.512 | 882.085 | 31 | .01194 | 63 | 1111 | 38130000 |
| | INTERCOM.AN/AIC-10.C-823 | AIR | 503.263 | 565.2 | 150 | .25434 | 65 | 1198 | 38132000 |
| | INTERCOM.AN/AIC-10.C-823 | AIR | 503.263 | 565.2 | 150 | .25434 | 65 | 1198 | 38134000 |
| | ENGAGE/APP.AUTOPILOT-SYSTEM | AIR | 504.294 | 595.087 | 50 | .12691 | 65 | 1198 | 38136000 |
| | UHF-COMMUNICATION.AN/ARC-34 | AIR | 506.666 | 629.156 | 50 | .075 | 63 | 1114 | 38138000 |
| | ENGAGE/APP.AUTOPILOT-SYSTEM | AIR | 511.363 | 623.613 | 45 | .088 | 63 | 1114 | 38140000 |
| | INTERCOM.AN/AIC-10.C-823 | AIR | 533.333 | 601.306 | 150 | .225 | 65 | 1114 | 38142000 |
| | INTERCOM.AN/AIC-10.C-823 | AIR | 533.333 | 601.306 | 150 | .225 | 63 | 1114 | 38144000 |
| | RADAR-PRESSURE-SYSTEM.C-1173 | AIR | 564.444 | 634.206 | 150 | .225 | 63 | 1114 | 38146000 |
| | SEARCH-RADAR.AN/APN-59.C-1242 | AIR | 589.761 | 711.718 | 50 | .08478 | 63 | 1198 | 38148000 |
| | VHF-NAV-SYS.AN/ARN-14.C-996A | AIR | 670.016 | 1088.33 | 31 | .01194 | 63 | 1111 | 38150000 |
| | UHF-COMMUNICATION.AN/ARC-34 | AIR | 681.818 | 809.879 | 102 | .088 | 63 | 1114 | 38152000 |
| | SEARCH-RADAR.AN/APN-59.C-1242 | AIR | 685.714 | 850.821 | 30 | .076 | 63 | 1114 | 38154000 |
| | ATTENUATOR.FREQUENCY-CONTROL | GRD | 730.993 | 862.128 | | .0876 | 62 | 1141 | 38156000 |
| | SIMULATOR.GAIN-CONTROL.STIMULI-RACK | GRD | 742.009 | 874.452 | | .0876 | 62 | 1141 | 38158000 |
| | UHF-COMMUNICATION.AN/ARC-34 | AIR | 756.441 | 869.31 | 50 | .12691 | 65 | 1198 | 38160000 |
| | SIMULATOR.DELAY-LINE. MOBILE-INSPECTION | GRD | 867.579 | 1009.56 | | .0876 | 62 | 1141 | 38162000 |
| | CONTROLS.AN/AIC-18.INTERPHONE | AIR | 872.689 | 970.24 | 812 | .17532 | 64 | 1179 | 38164000 |
| | CONTROLS.AC | AIR | 945.454 | 1136.68 | 320 | .055 | 61 | 1000 | 38166000A |
| | RADIO-COMPASS.AN/ARN-6.C-1513 | AIR | 971.887 | 1096.94 | 200 | .249 | 63 | 1114 | 38168000 |
| | CONTROLS.OMNI-DIRECTIONAL-RADIO. ARN14 | AIR | 1030.92 | 2743.45 | 31 | .00194 | 63 | 1111 | 38170000 |
| | CONTROLS.SEARCH-RADAR.AN/APS-42.C-818 | AIR | 1079.13 | 1894.26 | 50 | .00556 | 63 | 1198 | 38172000 |
| | SIMULATOR.LOCAL-OSCILLATOR. MOBILE-UNIT | GRD | 1141.55 | 1302.22 | | .0876 | 62 | 1141 | 38174000 |
| | RADIO-COMPASS.AN/ARN-6.C-1513 | AIR | 1172.52 | 1685.76 | 31 | .01194 | 63 | 1111 | 38176000 |
| | CONTROLS.SEARCH-RADAR.AN/APS-42.C-818 | AIR | 1200 | 2186.42 | 50 | .005 | 63 | 1114 | 38178000 |
| | RADAR-CONTROL-SET. TARGET-SEEKER-SYSTEM | GRD | 1304.34 | 1716.49 | | .0184 | 62 | 1135 | 38180000 |
| | SIMULATOR.RF-AMPLIFIER. STIMULI-RACK | GRD | 1472.6 | 1653.07 | | .0876 | 62 | 1141 | 38182000 |

PART CLASS 568 PANELS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.E.C. | | | | | | | | | |
| | CONTROL.CAMERA.APR-6 | AIR | 1555.55 | 2230.44 | 50 | .009 | 63 | 1114 | 38184000 |
| | CONTROLS.AN/APS-82.RADAR-SET | AIR | 1619.71 | 1808.18 | 126 | .08767 | 64 | 1155 | 38184000 |
| | VHF-NAV-SYS.AN/ARN-14.C-996A | AIR | 1926.29 | 2550.52 | 31 | .01194 | 63 | 1111 | 38188000 |
| | CONTROL.TEMPERATURE. CABIN/PRESSURE-SUIT | AIR | 2086.66 | 2264.07 | | .10016 | 66 | 1263 | 38190000 |
| | TARGET-SEEKER-SYSTEM | GRD | 2318.84 | 3253.85 | | .0069 | 62 | 1135 | 38192000 |
| | MONITOR-SCREEN-FLIGHT-TRACK-NAVIGATION | AIR | 2583.73 | 3345.38 | 50 | .01045 | 63 | 1198 | 38194000 |
| | CONSOLE.VERTICAL.STUDENT-COMPARTMENT | AIR | 2888.88 | 3759.6 | 50 | .009 | 63 | 1114 | 38196000 |
| ACCESS | UP-HORSE-COLLAR.NACELLE | AIR | * | 4.53598 | 200 | .50763 | 65 | 1198 | 38198000 |
| ACCESS | ANTI-ICING-VALVE | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 38200000 |
| ACCESS | FUSELAGE.FORWARD | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 38202000 |
| ACCESS | FUSELAGE.FORWARD-C-79G | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 38204000 |
| ACCESS | DORSAL-FIN | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 38206000 |
| ACCESS | WING.OUTER | AIR | * | 1.97868 | 1000 | 1.1637 | 65 | 1198 | 38208000 |
| ACCESS | HORIZONTAL-STABILIZER-EMPENNAGE | AIR | * | 2.16613 | 2064 | 1.063 | 65 | 1227 | 38210000 |
| ACCESS | FUSELAGE.FORWARD | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 38212000 |
| ACCESS | DRY-BAY.CWS-1.5 | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 38214000 |
| ACCESS | HORIZ-STAB.EMPENNAGE | AIR | * | 2.16613 | 2064 | 1.063 | 65 | 1227 | 38216000 |
| ACCESS | ANTI-ICING-VALVE | AIR | * | 3.29776 | 600 | .69823 | 65 | 1198 | 38218000 |
| ACCESS | FIN.DORSAL.EMPENNAGE | AIR | * | 27.9917 | 192 | .08226 | 66 | 1250 | 38220000 |
| ACCESS | FIN.DORSAL.EMPENNAGE | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 38222000 |
| ACCESS | HORIZONTAL-STABILIZER.EMPENNAGE | AIR | .565291 | 2.19881 | 3268 | 1.769 | 66 | 1250 | 38224000 |
| ACCESS | ENGINE-NACELLE | AIR | 1.26415 | 4.91719 | 1536 | .79104 | 65 | 1227 | 38226000 |
| ACCESS | PYLON/WING | AIR | 4.05241 | 9.02445 | 1368 | .7403 | 66 | 1250 | 38228000 |
| ACCESS | ENGINE-NACELLE | AIR | 4.55927 | 8.00311 | 2432 | 1.316 | 66 | 1250 | 38230000 |
| ACCESS | FUSELAGE.CENTER | AIR | 5.68181 | 22.1005 | 204 | .176 | 63 | 1114 | 38232000 |
| ACCESS | DORSAL-FIN | AIR | 7.8796 | 30.6492 | 50 | .12691 | 65 | 1198 | 38234000 |
| ACCESS | UP-HORSE-COLLAR.NACELLE | AIR | 10.0334 | 22.3438 | 200 | .299 | 63 | 1114 | 38236000 |
| ACCESS | DORSAL-FIN | AIR | 11.3636 | 44.2011 | 102 | .088 | 63 | 1114 | 38238000 |
| ACCESS | UP-HORSE-COLLAR.NACELLE | AIR | 11.7952 | 23.5714 | 200 | .33912 | 63 | 1198 | 38240000 |
| ACCESS | DORSAL-FIN | AIR | 11.7952 | 45.8799 | 50 | .08478 | 63 | 1198 | 38242000 |
| ACCESS | DORSAL-FIN | AIR | 13.3333 | 51.8626 | 50 | .075 | 63 | 1114 | 38244000 |
| ACCESS | PYLON/WING | AIR | 19.6989 | 36.5404 | 180 | .25582 | 65 | 1198 | 38246000 |
| ACCESS | FIN.DORSAL.EMPENNAGE-C-79G | AIR | 26.6666 | 70.964 | 2 | .075 | 63 | 1114 | 38248000 |
| ACCESS | PYLON/WING | AIR | 29.2161 | 42.6059 | 864 | .44496 | 65 | 1227 | 38250000 |
| ACCESS | FUSELAGE.FORWARD.NOSE | AIR | 34.0301 | 57.2236 | 300 | .2057 | 64 | 1250 | 38252000 |
| ACCESS | DORSAL-FIN-344 | AIR | 66.6666 | 123.662 | 50 | .075 | 63 | 1114 | 38254000 |
| ACCESS | DRY-BAY.CWS-1.5-344 | AIR | 82.5666 | 138.84 | 7 | .08478 | 63 | 1198 | 38256000 |
| ACCESS | UP-HORSE-COLLAR.NACELLE | AIR | 102.434 | 133.308 | 100 | .25382 | 63 | 1198 | 38258000 |
| ACCESS | DORSAL-FIN-344 | AIR | 113.636 | 179.875 | 10 | .088 | 63 | 1114 | 38260000 |

SECTION I FAILURE RATE DATA

PART CLASS 568 PANELS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .86 N.O.C. | | | | | | | | | |
| ACCESS | ENGINE-NACELLE-344 | AIR | 118.195 | 167.775 | 15 | .12691 | 65 | 1196 | 30262000 |
| ACCESS | FUSELAGE.CENTER | AIR | 121.359 | 219.027 | 96 | .04944 | 65 | 1227 | 30264000 |
| ACCESS | DORSAL-FIN | AIR | 222.222 | 991.366 | 90 | .009 | 63 | 1214 | 30264000 |
| ACCESS | FUSELAGE.CENTER | AIR | 243.781 | 374.504 | 76 | .04113 | 66 | 1290 | 30268000 |
| ACCESS | FUSELAGE.AFT | AIR | 243.781 | 374.504 | 76 | .04113 | 66 | 1290 | 30270000A |
| ACCESS | DORSAL-FIN | AIR | 302.775 | 764.933 | 90 | .01045 | 63 | 1198 | 30272000 |
| ACCESS | WING.OUTER | AIR | 617.963 | 674.692 | 400 | .353 | 63 | 1114 | 30274000 |
| ACCESS | DORSAL-FIN | MEDI | 966.666 | 1239.99 | 120 | .03 | 65 | 1215 | 30276000 |
| ACCESS | UP-HORSE-COLLAR.NACELLE | AIR | 1034.04 | 1186.64 | 150 | .29434 | 63 | 1198 | 30278000 |
| ACCESS | UP-HORSE-COLLAR.NACELLE | AIR | 1068 | 1174.31 | 150 | .225 | 63 | 1114 | 30280000 |
| ADAPTER | F-111 | AIR | 0 | 500 | | .00397 | 62 | 2700 | 30282000 |
| ADF-CONTROL | ADF.8-710 | AIR | 100 | | | | 66 | 2300 | 30284000 |
| ADP-AMD-VID-DISTRIBUTION | F-111 | AIR | 8333.33 | 14627.9 | | .00072 | 62 | 2700 | 30286000 |
| AIR.REFUELING | | AIR | 0 | 1106.9 | 31 | .00194 | 63 | 1111 | 30288000 |
| AP-CONTROL | AUTO-PILOT.707-331B | AIR | 390P | | | | 66 | 2364 | 30290000 |
| AP-CONTROL | AUTO-PILOT.707-131B | AIR | 400P | | | | 66 | 2364 | 30292000 |
| AP-CONTROL | AUTO-PILOT.707-331B | AIR | 420P | | | | 65 | 2364 | 30294000 |
| AP-CONTROL | AUTO-PILOT.707-131 | AIR | 450P | | | | 66 | 2364 | 30296000 |
| AP-CONTROL | AUTO-PILOT.331C/373C | AIR | 490P | | | | 65 | 2365 | 30298000 |
| AP-CONTROL | AUTO-PILOT.707-331B | AIR | 490P | | | | 66 | 2362 | 30300000 |
| AP-CONTROL | AUTO-PILOT.880 | AIR | 500P | | | | 66 | 2363 | 30302000 |
| AP-CONTROL | AUTO-PILOT.331C/373C | AIR | 510P | | | | 66 | 2365 | 30304000 |
| AP-CONTROL | AUTO-PILOT.707-331 | AIR | 530P | | | | 66 | 2361 | 30306000 |
| AP-CONTROL | AUTO-PILOT.707-331B | AIR | 530P | | | | 65 | 2362 | 30308000 |
| AP-CONTROL | AUTO-PILOT.707-331 | AIR | 670P | | | | 66 | 2364 | 30310000 |
| AP-CONTROL | AUTO-PILOT.707-131 | AIR | 680P | | | | 66 | 2361 | 30312000 |
| AP-CONTROL | AUTO-PILOT.707-131 | AIR | 680P | | | | 66 | 2364 | 30314000 |
| AP-CONTROL | AUTO-PILOT.707-131 | AIR | 740P | | | | 66 | 2362 | 30316000 |
| AP-CONTROL | AUTO-PILOT.707-131B | AIR | 840P | | | | 65 | 2364 | 30318000 |
| AP-CONTROL | AUTO-PILOT.707-331B | AIR | 840P | | | | 66 | 2361 | 30320000 |
| AP-CONTROL | AUTO-PILOT.707-131 | AIR | 910P | | | | 65 | 2362 | 30322000 |
| AP-CONTROL | AUTO-PILOT.707-331 | AIR | 930P | | | | 65 | 2364 | 30324000 |
| AP-CONTROL | AUTO-PILOT.707-331 | AIR | 930P | | | | 66 | 2362 | 30326000 |
| AP-CONTROL | AUTO-PILOT.707-331 | AIR | 940P | | | | 66 | 2364 | 30328000 |
| AP-CONTROL | AUTO-PILOT.880 | AIR | 960P | | | | 65 | 2365 | 30330000 |
| AP-CONTROL | AUTO-PILOT.707-331B | AIR | 960P | | | | 66 | 2361 | 30332000 |
| AP-CONTROL | AUTO-PILOT.707-331 | AIR | 1010P | | | | 66 | 2362 | 30334000 |
| AP-CONTROL | AUTO-PILOT.331C/373C | AIR | 1020P | | | | 66 | 2363 | 30336000 |
| AP-CONTROL | AUTO-PILOT.707-331 | AIR | 1030P | | | | 65 | 2361 | 30338000 |
| AP-CONTROL | AUTO-PILOT.880 | AIR | 1060P | | | | 66 | 2365 | 30340000 |
| AP-CONTROL | AUTO-PILOT.707-131B | AIR | 1080P | | | | 66 | 2362 | 30342000 |
| AP-CONTROL | AUTO-PILOT.707-331 | AIR | 1110P | | | | 66 | 2361 | 30344000 |
| AP-CONTROL | AUTO-PILOT.331C/373C | AIR | 1120P | | | | 65 | 2363 | 30346000 |
| AP-CONTROL | AUTO-PILOT.707-331B | AIR | 1140P | | | | 66 | 2362 | 30348000 |

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y. NONELECTRONIC PART FAILURE RATE DATA JANUARY 1968
SECTION I FAILURE RATE DATA

PART CLASS 568 PANELS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| AP-CONTROL | AUTO-PILOT.707-1318 | AIR | 1180P | | | | 66 | 2364 | 38350000 |
| AP-CONTROL | AUTO-PILOT.707-3318 | AIR | 1190P | | | | 66 | 2364 | 38352000 |
| AP-CONTROL | AUTO-PILOT.880 | AIR | 1260P | | | | 65 | 2363 | 38354000 |
| AP-CONTROL | AUTO-PILOT.707-1318 | AIR | 1310P | | | | 66 | 2361 | 38356000 |
| AP-CONTROL | AUTO-PILOT.707-1318 | AIR | 1330P | | | | 66 | 2362 | 38358000 |
| AP-CONTROL | AUTO-PILOT.707-131 | AIR | 1360P | | | | 65 | 2364 | 38360000 |
| AP-CONTROL | AUTO-PILOT.331C/373C | AIR | 1500P | | | | 66 | 2365 | 38362000 |
| AP-CONTROL | AUTO-PILOT.707-1318 | AIR | 1600P | | | | 65 | 2362 | 38364000 |
| AP-CONTROL | AUTO-PILOT.707-1318 | AIR | 1600P | | | | 66 | 2361 | 38366000 |
| AP-CONTROL | AUTO-PILOT.707-131 | AIR | 1830P | | | | 65 | 2361 | 38368000 |
| AP-CONTROL | AUTO-PILOT.707-1318 | AIR | 1860P | | | | 65 | 2361 | 38370000 |
| AP-CONTROL | AUTO-PILOT.880 | AIR | 1880P | | | | 66 | 2360 | 38372000 |
| AP-CONTROL | AUTO-PILOT.880 | AIR | 1960P | | | | 66 | 2362 | 38374000 |
| AP-CONTROL | AUTO-PILOT.880 | AIR | 2060P | | | | 66 | 2365 | 38376000 |
| AP-CONTROL | AUTO-PILOT.880 | AIR | 2120P | | | | 66 | 2363 | 38378000 |
| AP-CONTROL | AUTO-PILOT.880 | AIR | 2380P | | | | 65 | 2360 | 38380000 |
| AP-CONTROL | AUTO-PILOT.707-131 | AIR | 2440P | | | | 66 | 2361 | 38382000 |
| AP-CONTROL | AUTO-PILOT.707-131 | AIR | 2970P | | | | 66 | 2362 | 38384000 |
| AUDIO-SELECTOR | COMMUNICATIONS.331C/373C | AIR | 100P | | | | 66 | 2365 | 38386000 |
| AUDIO-SELECTOR | COMMUNICATIONS.707-331 | AIR | 100P | | | | 65 | 2361 | 38388000 |
| AUDIO-SELECTOR | COMMUNICATIONS.331C/373C | AIR | 100P | | | | 66 | 2363 | 38390000 |
| AUDIO-SELECTOR | COMMUNICATIONS.331C/373C | AIR | 100P | | | | 66 | 2365 | 38392000 |
| AUDIO-SELECTOR | COMMUNICATIONS.331C/373C | AIR | 110P | | | | 66 | 2363 | 38394000 |
| AUDIO-SELECTOR | COMMUNICATIONS.707-3318 | AIR | 170P | | | | 66 | 2361 | 38396000 |
| AUDIO-SELECTOR | COMMUNICATIONS.707-3318 | AIR | 170P | | | | 66 | 2364 | 38398000 |
| AUDIO-SELECTOR | AUDIO.C-720 | AIR | 180 | | | | 66 | 2380 | 38400000 |
| AUDIO-SELECTOR | COMMUNICATIONS.707-131 | AIR | 180P | | | | 66 | 2364 | 38402000 |
| AUDIO-SELECTOR | COMMUNICAYIONS.707-3318 | AIR | 190P | | | | 66 | 2364 | 38404000 |
| AUDIO-SELECTOR | COMMUNICATIONS.707-1318 | AIR | 190P | | | | 66 | 2364 | 38406000 |
| AUDIO-SELECTOR | COMMUNICATIONS.331C/373C | AIR | 200P | | | | 66 | 2360 | 38408000 |
| AUDIO-SELECTOR | COMMUNICATIONS.707-3318 | AIR | 220P | | | | 66 | 2361 | 38410000 |
| AUDIO-SELECTOR | COMMUNICATIONS.707-1318 | AIR | 240P | | | | 66 | 2364 | 38412000 |
| AUDIO-SELECTOR | COMMUNICATIONS.707-3318 | AIR | 250P | | | | 65 | 2364 | 38414000 |
| AUDIO-SELECTOR | COMMUNICAYIONS.707-331 | AIR | 250P | | | | 66 | 2364 | 38416000 |
| AUDIO-SELECTOR | COMMUNICATIONS.707-3318 | AIR | 270P | | | | 65 | 2361 | 38418000 |
| AUDIO-SELECTOR | COMMUNICATIONS.707-1318 | AIR | 270P | | | | 65 | 2361 | 38420000 |
| AUDIO-SELECTOR | COMMUNICATIONS.331C/373C | AIR | 280P | | | | 65 | 2360 | 38422000 |
| AUDIO-SELECTOR | COMMUNICATIONS.727 | AIR | 290P | | | | 66 | 2363 | 38424000 |
| AUDIO-SELECTOR | COMMUNICATIONS.331C/373C | AIR | 290P | | | | 65 | 2365 | 38426000 |
| AUDIO-SELECTOR | COMMUNICATIONS.707-1318 | AIR | 300P | | | | 66 | 2361 | 38428000 |
| AUDIO-SELECTOR | COMMUNICATIONS.727 | AIR | 310P | | | | 66 | 2363 | 38430000 |
| AUDIO-SELECTOR | COMMUNICATIONS.707-1318 | AIR | 310P | | | | 65 | 2364 | 38432000 |
| AUDIO-SELECTOR | COMMUNICATIONS.707-1318 | AIR | 330P | | | | 66 | 2361 | 38434000 |
| AUDIO-SELECTOR | COMMUNICATIONS.707-331 | AIR | 340P | | | | 66 | 2364 | 38436000 |
| AUDIO-SELECTOR | COMMUNICATIONS.707-131 | AIR | 360P | | | | 66 | 2364 | 38438000 |

PART CLASS 568 PANELS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.S.C. | | | | | | | | | |
| AUDIO-SELECTOR | COMMUNICATIONS.707-131 | AIR | 300P | | | | 65 | 2364 | 38440000 |
| AUDIO-SELECTOR | COMMUNICATIONS.707-131 | AIR | 400P | | | | 66 | 2361 | 38442000 |
| AUDIO-SELECTOR | COMMUNICATIONS.707-131 | AIR | 410P | | | | 66 | 2361 | 38444000 |
| AUDIO-SELECTOR | COMMUNICATIONS.707-331 | AIR | 420P | | | | 66 | 2361 | 38446000 |
| AUDIO-SELECTOR | COMMUNICATIONS.707-331 | AIR | 430P | | | | 65 | 2364 | 38448000 |
| AUDIO-SELECTOR | COMMUNICATIONS.880 | AIR | 430P | | | | 65 | 2363 | 38450000 |
| AUDIO-SELECTOR | COMMUNICATIONS.707-331 | AIR | 450P | | | | 66 | 2361 | 38452000 |
| AUDIO-SELECTOR | COMMUNICATIONS.880 | AIR | 480P | | | | 65 | 2365 | 38454000 |
| AUDIO-SELECTOR | COMMUNICATIONS.331C/373C | AIR | 480P | | | | 66 | 2360 | 38456000 |
| AUDIO-SELECTOR | COMMUNICATIONS.880 | AIR | 480P | | | | 66 | 2360 | 38458000 |
| AUDIO-SELECTOR | COMMUNICATIONS.727 | AIR | 510P | | | | 66 | 2360 | 38460000 |
| AUDIO-SELECTOR | COMMUNICATIONS.880 | AIR | 550P | | | | 66 | 2363 | 38462000 |
| AUDIO-SELECTOR | COMMUNICATIONS.331C/373C | AIR | 560P | | | | 65 | 2363 | 38464000 |
| AUDIO-SELECTOR | COMMUNICATIONS.880 | AIR | 570P | | | | 65 | 2360 | 38466000 |
| AUDIO-SELECTOR | COMMUNICATIONS.880 | AIR | 600P | | | | 66 | 2363 | 38468000 |
| AUDIO-SELECTOR | COMMUNICATIONS.880 | AIR | 630P | | | | 66 | 2365 | 38470000 |
| AUDIO-SELECTOR | COMMUNICATIONS.880 | AIR | 660P | | | | 66 | 2365 | 38472000 |
| AUDIO-SELECTOR | COMMUNICATIONS.880 | AIR | 670P | | | | 66 | 2360 | 38474000 |
| AUDIO-SELECTOR | COMMUNICATIONS.707-131 | AIR | 780P | | | | 65 | 2361 | 38476000 |
| AUDIO-SELECTOR | COMMUNICATIONS.727 | AIR | 810P | | | | 66 | 2365 | 38478000 |
| AUDIO-SELECTOR | COMMUNICATIONS.727 | AIR | 810P | | | | 65 | 2365 | 38480000 |
| AUDIO-SELECTOR | COMMUNICATIONS.727 | AIR | 930P | | | | 66 | 2365 | 38482000 |
| AUDIO-SELECTOR | COMMUNICATIONS.727 | AIR | 1020P | | | | 65 | 2363 | 38484000 |
| AUDIO-SELECTOR | COMMUNICATIONS.727 | AIR | 1350P | | | | 66 | 2360 | 38486000 |
| AUDIO-SELECTOR | COMMUNICATIONS.727 | AIR | 1370P | | | | 65 | 2360 | 38488000 |
| BONDED.WING | | AIR | 6.98141 | 11.3401 | 2976 | 1.1459 | 53 | 1111 | 38490000 |
| BONDED.WING | | AIR | 19.6587 | 36.4657 | 150 | .25434 | 63 | 1198 | 38492000 |
| BUS-PROTECTION | ELECTRICAL-POWER.880 | AIR | 150P | | | | 66 | 2365 | 38494000 |
| BUS-PROTECTION | ELECTRICAL-POWER.331C/373C | AIR | 300P | | | | 66 | 2363 | 38496000 |
| C-AND-I | F-111 | AIR | 12121.2 | 17008.7 | | .00132 | 62 | 2700 | 38498000 |
| CAUTION-LIGHT | ELECTRICAL-SYSTEM | AIR | 1320.74 | 1387.71 | 597 | .51709 | 67 | 1272 | 385000004 |
| CONT.-AND-ADAPT | F-111 | AIR | 6493.5 | 12045 | | .00077 | 62 | 2700 | 38502000 |
| CONTROL | TRANSPONDER.DC-8 | AIR | * | | | | 66 | 2380 | 38504000 |
| CONTROL | ADF.DC-9 | AIR | * | | | | 66 | 2380 | 38506000 |
| CONTROL | ADF | AIR | * | | | | 66 | 2380 | 38508000 |
| CONTROL | DC-POWER-SUPPLY | AIR | * | 96.4641 | 62 | .02307 | 63 | 1111 | 38510000 |
| CONTROL | | SUB | 9.24784 | 20.5943 | 54 | .3244 | 65 | 1249 | 38512000 |
| CONTROL | | SUB | 10.537 | 23.4652 | 54 | .28471 | 65 | 1209 | 38514000 |
| CONTROL | | SUB | 12.5039 | 24.9876 | 54 | .3199 | 65 | 1249 | 38516000 |
| CONTROL | | SUB | 14.2673 | 28.5117 | 54 | .28036 | 65 | 1209 | 38518000 |
| CONTROL | MARKER | AIR | 30 | | | | 66 | 2380 | 38520000 |
| CONTROL | RADAR | AIR | 50 | | | | 66 | 2380 | 38522000 |
| CONTROL | HF-COMMUNICATIONS.DC-8 | AIR | 70 | | | | 66 | 2380 | 38524000 |
| CONTROL | TRANSPONDER.DC-8 | AIR | 70 | | | | 66 | 2380 | 38526000 |
| CONTROL | RADAR.TOSS-BOMB-SYSTEM | SIM GRD AIR | 72.072 | 191.794 | 195 | .02775 | 64 | 1181 | 385280004 |

PART CLASS 568 PANELS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.E.C. | | | | | | | | | |
| CONTROL | LAUNCHING-EQUIPMENT-CHECKOUT-SYSTEM | GRD | 79.9086 | 134.371 | | .0876 | 62 | 1141 | 38530000 |
| CONTROL | ADF | AIR | 120 | | | | 66 | 2380 | 38532000 |
| CONTROL | TRANSPONDER | AIR | 140 | | | | 66 | 2380 | 38534000 |
| CONTROL | GENERATOR.AC-POWER-SUPPLY | AIR | 185.614 | 210.665 | 500 | .58185 | 65 | 1198 | 38536000 |
| CONTROL | GENERATOR.AC-POWER-SUPPLY | AIR | 198.569 | 223.216 | 250 | .63454 | 65 | 1198 | 38538000 |
| CONTROL | MOBILE-INSPECTION-UNIT-VAN | GRD | 296.803 | 386.26 | | .0876 | 62 | 1141 | 38540000 |
| CONTROL | AUTOMATIC-DIRECTION-FINDER | AIR | 312.5 | 408.89 | 26 | .08 | 64 | 1153 | 38542000 |
| CONTROL | VHF-COMMUNICATIONS.DC-8 | AIR | 330 | | | | 66 | 2380 | 38544000 |
| CONTROL | AUTO-PILOT.FLIGHT-SYSTEM | AIR | 364.077 | 574.676 | 48 | .02472 | 65 | 1227 | 38546000 |
| CONTROL | VHF.COMMUNICATION | AIR | 376.87 | 416.068 | | .46435 | 65 | 1196 | 38548000 |
| CONTROL | AN/AIC-18-INTERPHONE-SYSTEM | AIR | 430.626 | 457.94 | 1194 | 1.0357 | 67 | 1272 | 38550000A |
| CONTROL | LORAN.DC-8 | AIR | 440 | | | | 66 | 2380 | 38552000 |
| CONTROL | VHF.COMMUNICATION | AIR | 440 | | | | 66 | 2380 | 38554000 |
| CONTROL | GENERATOR.ELECTRICAL-SYSTEM | AIR | 455.827 | 582.605 | 300 | 1.1342 | 65 | 1196 | 38556000 |
| CONTROL | VHF.COMMUNICATION | AIR | 560 | | | | 66 | 2380 | 38558000 |
| CONTROL | GENERATOR.AC-POWER-SUPPLY | AIR | 562.239 | 627.416 | 150 | .25434 | 63 | 1198 | 38560000 |
| CONTROL | VHF-RADIO-OMNIRANGE-NAVIGATION | AIR | 566.343 | 729.772 | 96 | .04944 | 65 | 1227 | 38562000 |
| CONTROL | AUTO-FLIGHT.DC-8 | AIR | 590 | | | | 66 | 2380 | 38564000 |
| CONTROL | AUTO.FLIGHT | AIR | 650 | | | | 66 | 2380 | 38566000 |
| CONTROL | AUTO-PILOT.FLIGHT-SYSTEM | AIR | 656.455 | 849.969 | 76 | .04113 | 66 | 1250 | 38568000 |
| CONTROL | GYRO-POWER.ARMAMENT-SYSTEM | AIR | 749.063 | 1993.37 | 36 | .00267 | 66 | 1256 | 38570000A |
| CONTROL | GENERATOR.DC-POWER-SUPPLY | AIR | 751.946 | 815.956 | 200 | .33912 | 63 | 1198 | 38572000 |
| CONTROL | VHF-RADIO-OMNIRANGE-NAVIGATION | AIR | 996.839 | 1153.27 | 152 | .08226 | 66 | 1250 | 38574000 |
| CONTROL | | AIR | 1003.77 | 1039.82 | 152 | 1.325 | 64 | 1153 | 38576000 |
| CONTROL | GENERATOR.AC-POWER-SUPPLY.MAIN | AIR | 1068.09 | 1734.93 | 82 | .00749 | 63 | 1132 | 38578000 |
| CONTROL | AC-POWER.STIMULI-RACK | GRD | 1735.15 | 1929.8 | | .0876 | 62 | 1141 | 38580000 |
| CONTROL | INERTIAL.NAVIGATION-SET.ASN-56 | AIR | 5555.55 | 21609.4 | | .00018 | 66 | 1241 | 38582000A |
| CONTROL.POWER | VACUUM/PRESSURE-CALIBRATION-RACK | GRD | * | 548.238 | | .0042 | 62 | 1141 | 38584000 |
| CONTROL-AC-POWER | ELECTRICAL-POWER.88C | AIR | 1250P | | | | 66 | 2360 | 38586000 |
| CONTROL-ADF | | AIR | 1000P | | | | 65 | 2330 | 38588000 |
| CONTROL-AUTO-PILOT | AUTO-PILOT.727 | AIR | 340P | | | | 65 | 2363 | 38590000 |
| CONTROL-AUTO-PILOT | AUTO-PILOT.727 | AIR | 940P | | | | 66 | 2363 | 38592000 |
| CONTROL-AUTO-PILOT | AUTO-PILOT.727 | AIR | 1950P | | | | 66 | 2363 | 38594000 |
| CONTROL-AUTOPILOT | AUTO-PILOT.727 | AIR | 400P | | | | 66 | 2365 | 38596000 |
| CONTROL-AUTOPILOT | AUTO-PILOT.727 | AIR | 750P | | | | 66 | 2360 | 38598000 |
| CONTROL-AUTOPILOT | AUTO-PILOT.727 | AIR | 910P | | | | 65 | 2365 | 38600000 |
| CONTROL-AUTOPILOT | AUTO-PILOT.727 | AIR | 1100P | | | | 65 | 2360 | 38602000 |
| CONTROL-AUTOPILOT | AUTO-PILOT.727 | AIR | 1290P | | | | 66 | 2360 | 38604000 |
| CONTROL-AUTOPILOT | AUTO-PILOT.727 | AIR | 1500P | | | | 66 | 2365 | 38606000 |
| CONTROL-GENERATOR-DC | | AIR | 200P | | | | 65 | 2330 | 38608000 |
| CONTROLS | LANDING-GEAR | AIR | 48.6283 | 129.401 | 76 | .04113 | 66 | 1250 | 38610000 |
| CONTROLS | C-2275/ARM | HELI | 555.555 | 1237.18 | 20 | .0054 | 66 | 1257 | 38612000 |
| DATA-INPUT | AN/ASN-24-NAVIGATION-COMPARTMENT | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 38614000 |
| DC-METER | F-111 | AIR | 351.617 | 652.229 | | .01422 | 62 | 2700 | 38616000 |
| DC-POWER-DISTRIBUTION | | AIR | 1088.77 | 1587.76 | 31 | .01194 | 63 | 1211 | 38618000 |

PART CLASS 568 PANELS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| ELECTRONIC-TEST | F-111 | AIR | 1388.88 | 5402.36 | | .00072 | 62 | 2700 | 38670000 |
| EXTERIOR | CASE/LINK-COMPARTMENT | AIR | * | 11.5859 | | .19874 | 63 | 1123 | 38622000 |
| EXTERIOR | CASE/LINK-COMPARTMENT | AIR | 5.66572 | 15.0773 | 408 | .353 | 63 | 1114 | 38624000 |
| FIRE-CONTROL | RADAR | SIM GRD AIR | 283.288 | 460.277 | 195 | .02775 | 64 | 1181 | 38626000A |
| FLIGHT-INSTRUMENT-WARNING-ANNUN | NAVIGATION.707-131 | AIR | 400P | | | | 66 | 2362 | 38628000 |
| FLIGHT-INSTRUMENT-WARNING-ANNUAL | NAVIGATION-707-1318 | AIR | 140P | | | | 65 | 2364 | 38630000 |
| FLIGHT-INSTRUMENTATION-WARNING-ANNUN | NAVIGATION.707-1318 | AIR | 110 | | | | 66 | 2361 | 38632000 |
| FLOOR | CARGO-COMPARTMENT | AIR | .868096 | 3.37847 | 2128 | 1.152 | 66 | 1250 | 38634000 |
| FLOOR | FLIGHT-DECK | AIR | 24.3131 | 94.5768 | 76 | .04113 | 66 | 1250 | 38636000 |
| G-AND-A | F-111 | AIR | 2692.3 | 4927.26 | | .00260 | 62 | 2700 | 38638000 |
| G-AND-A-SWITCH | F-111 | AIR | 1153.84 | 2569.53 | | .00260 | 62 | 2700 | 38640000 |
| GENERAL-CONTROL | ELECTRICAL-POWER.707-131 | AIR | 70P | | | | 66 | 2361 | 38642000 |
| GENERAL-CONTROL | ELECTRICAL-POWER.707-331 | AIR | 210P | | | | 66 | 2361 | 38644000 |
| GENERAL-CONTROL | ELECTRICAL-POWER.707-1318 | AIR | 310P | | | | 66 | 2361 | 38646000 |
| GENERAL-CONTROL | ELECTRICAL-POWER.707-131 | AIR | 320P | | | | 65 | 2361 | 38648000 |
| GENERAL-CONTROL | ELECTRICAL-POWER.331C/373C | AIR | 380P | | | | 56 | 2363 | 38650000 |
| GENERAL-CONTROL | ELECTRICAL-POWER.707-3318 | AIR | 400 | | | | 65 | 2361 | 38652000 |
| GENERAL-CONTROL | ELECTRICAL-POWER.707-1318 | AIR | 406P | | | | 65 | 2361 | 38654000 |
| GENERAL-CONTROL | ELECTRICAL-POWER.707-3318 | AIR | 440P | | | | 66 | 2361 | 38656000 |
| GENERAL-CONTROL | ELECTRICAL-POWER.707-131 | AIR | 460P | | | | 66 | 2361 | 38658000 |
| GENERAL-CONTROL | ELECTRICAL-POWER.707-1318 | AIR | 460P | | | | 66 | 2361 | 38660000 |
| GENERAL-CONTROL | ELECTRICAL-POWER.707-3318 | AIR | 510P | | | | 66 | 2361 | 38662000 |
| GENERAL-CONTROL | ELECTRICAL-POWER.331C/373C | AIR | 840P | | | | 65 | 2363 | 38664000 |
| GLASS | ELECTRICAL-POWER.707-331 | AIR | 1040P | | | | 65 | 2361 | 38666000 |
| GLASS | WINDSHIELD.INSTRUCTOR | AIR | 15.4472 | 25.0916 | 597 | .51789 | 67 | 1272 | 38668000 |
| GLASS | STUDENT-CANOPY-ASSEMBLY | AIR | 36.891 | 105.964 | 597 | .51789 | 67 | 1272 | 38670000 |
| GLASS | WINDSHIELD.STUDENT | AIR | 96.5455 | 116.51 | 597 | .51789 | 67 | 1272 | 38672000 |
| IND.-AND-CONT.-PANEL | INSTRUCTOR-CANOPY-ASSEMBLY | AIR | 173.782 | 199.693 | 597 | .51789 | 67 | 1272 | 38674000 |
| INDICATOR/LOGIC | F-111 | AIR | 14925.3 | 22995 | | .00067 | 62 | 2700 | 38676000 |
| INSTRUMENT | EVALUATOR/PROGRAMMER | GRD | 1347.03 | 1520.27 | | .0876 | 62 | 1141 | 38678000 |
| INSTRUMENT | AUXILIARY.SIGHT-SYSTEM | SIM GRD AIR | * | 82.9765 | 195 | .02775 | 64 | 1181 | 38680000A |
| INSTRUMENT | FLIGHT-DECK | AIR | 32.4149 | 64.7775 | 228 | .1234 | 66 | 1250 | 38682000 |
| INSTRUMENT | INSTRUCTOR-COMPARTMENT | AIR | 50.2037 | 65.3351 | 597 | .51789 | 67 | 1272 | 38684000 |
| INSTRUMENT | STUDENT-COMPARTMENT | AIR | 189.229 | 216.157 | 597 | .51789 | 67 | 1272 | 38686000 |
| INSTRUMENT | | HELI | 735.294 | 1363.92 | 20 | .0068 | 66 | 1257 | 38688000 |
| INSTRUMENT | | HELI | 925.925 | 1717.33 | 20 | .0054 | 66 | 1257 | 38690000 |
| INSTRUMENT | | HELI | 1026.04 | 1496.28 | 40 | .01267 | 66 | 1257 | 38692000 |
| IRU-METER | F-111 | HELI | 1589.59 | 1901.12 | 40 | .0346 | 66 | 1257 | 38694000 |
| IRU-SWITCH | F-111 | AIR | 1176.47 | 2619.92 | | .00255 | 62 | 2700 | 38696000 |
| ISOLATION | HF-ANTENNA.HORIZONTAL-STABILIZER.EMPENNAGE | AIR | 6844.1 | 9413.04 | | .00263 | 62 | 2700 | 38698000 |
| | | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 38700000A |

PART CLASS 568 PANELS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| ISOLATION | HF-ANTENNA.HORIZ-STAB.EMPEN | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 38702000 |
| JUNCTION | EVALUATOR/PROGRAMMER | GRD | 194.063 | 269.476 | | .0876 | 62 | 1141 | 38704000 |
| LORAN-CONTROL | LORAN.B-720 | AIR | 440 | | | | 66 | 2380 | 38706000 |
| LRU-BLOWER | F-111 | AIR | * | 412.652 | | .00558 | 62 | 2700 | 38708000 |
| LRU-CONTROL | F-111 | AIR | 9401.7 | 12550 | | .00234 | 62 | 2700 | 38710000 |
| LRU-METER | F-111 | AIR | 564.971 | 2197.57 | | .00177 | 62 | 2700 | 38712000 |
| MAINTENANCE | | SUB | 9.24784 | 20.5943 | 54 | .3244 | 65 | 1249 | 38714000 |
| MAINTENANCE | | LAB | 10.537 | 23.4652 | 54 | .28471 | 65 | 1209 | 38716000 |
| MAINTENANCE | | SUB | 34.3857 | 51.8854 | 54 | .3159 | 65 | 1249 | 38718000 |
| MAINTENANCE | | LAB | 39.2352 | 59.2029 | 54 | .28036 | 65 | 1209 | 38720000 |
| MANUAL | PRESENT-POSITION.ASTROCOMPASS.MD-1 | AIR | 83.752 | 329.77 | 31 | .01154 | 63 | 1111 | 38722000 |
| MEMORY-PEAK-VOLTAGE | STIMULI-RACK | GRD | 2477.16 | 2706.88 | | .0876 | 62 | 1141 | 38724000 |
| METER | F-111 | AIR | * | 1005.5 | | .00279 | 62 | 2700 | 38726000 |
| METER/COUNTER | STIMULI-RACK.MOBILE-UNIT | GRD | 79.9086 | 134.371 | | .0876 | 62 | 1141 | 38728000 |
| MONITOR | INTERCOM-SYSTEM.AN/AIC-18 | AIR | * | 11.1966 | 380 | .20565 | 66 | 1250 | 38730000A |
| MONITOR | INTERCOM-SYSTEM.AN/AIC-18 | AIR | 16.1812 | 43.0606 | 240 | .1236 | 65 | 1227 | 38732000 |
| MOUNTING | SPEED-BRAKE.FUSELAGE.CENTER | AIR | 73.3746 | 91.1134 | 597 | .51789 | 67 | 1272 | 38734000 |
| NOSE-SECTION | | HELI | 9.62927 | 25.6249 | 240 | .2077 | 66 | 1257 | 38736000 |
| NOSE-SECTION | | HELI | 26.3157 | 70.0302 | 240 | .076 | 66 | 1257 | 38738000 |
| PNEUMATIC | GUN-TURRET.FIRE-CONTROL-SYSTEM | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 38740000 |
| PNEUMATIC/HYDRAULIC.VAC/PRES-CALIBRATION | | GRD | 1428.57 | 3181.33 | | .0021 | 62 | 1141 | 38742000 |
| POWER-DISTRIBUTION | F-111 | AIR | * | 1934.95 | | .00119 | 62 | 2700 | 38744000 |
| POWER-DISTRIBUTION | F-111 | AIR | * | 496.25 | | .00464 | 62 | 2700 | 38746000 |
| POWER-DISTRIBUTION | F-111 | AIR | 298.804 | 665.418 | | .01004 | 62 | 2700 | 38748000 |
| POWER-DISTRIBUTION | F-111 | AIR | 398.406 | 1549.68 | | .00251 | 62 | 2700 | 38750000 |
| POWER-DISTRIBUTION | F-111 | AIR | 537.634 | 1197.27 | | .00558 | 62 | 2700 | 38752000 |
| POWER-DISTRIBUTION | F-111 | AIR | 1256.28 | 2330.32 | | .00398 | 62 | 2700 | 38754000 |
| POWER-DISTRIBUTION | F-111 | AIR | 1315.78 | 5118.02 | | .00076 | 62 | 2700 | 38756000 |
| POWER-DISTRIBUTION | F-111 | AIR | 1562.5 | 6077.65 | | .00064 | 62 | 2700 | 38758000 |
| POWER-DISTRIBUTION | F-111 | AIR | 2457.46 | 3583.23 | | .00529 | 62 | 2700 | 38760000 |
| POWER-DISTRIBUTION | F-111 | AIR | 4166.66 | 9278.88 | | .00072 | 62 | 2700 | 38762000 |
| POWER-INPUT | EVALUATOR/PROGRAMMER | GRD | 228.31 | 308.734 | | .0876 | 62 | 1141 | 38764000 |
| POWER-TEST | MOBILE-INSPECTION-UNIT-VAN | GRD | 878.995 | 1021.81 | | .0876 | 62 | 1141 | 38766000 |
| PROTECTION | GENERATOR.POWER-CONTROL | AIR | 88.9967 | 134.289 | 240 | .1236 | 65 | 1227 | 38768000 |
| PROTECTION | GENERATOR.AC-POWER-CONTROL | AIR | 184.779 | 229.451 | 380 | .20565 | 66 | 1250 | 38770000 |
| PROTECTION | AC-POWER-SUPPLY-SYSTEM | AIR | 214.404 | 259.25 | 944 | .22854 | 65 | 1228 | 38772000 |
| PROTECTION | BUS.ELECTRICAL-SYSTEM | AIR | 229.236 | 270.153 | 75 | .28355 | 65 | 1196 | 38774000 |
| PROTECTION | AC-POWER-SUPPLY-SYSTEM | AIR | 290.896 | 350.382 | 812 | .17532 | 64 | 1179 | 38776000 |
| PROTECTION | ELECTRICAL-SYSTEM | AIR | 346.625 | 371.265 | 1194 | 1.0357 | 67 | 1272 | 38778000A |
| PROTECTION | GENERATOR.115VAC | HELI | 933.333 | 1202.66 | 120 | .03 | 65 | 1215 | 38780000 |
| PROTECTION | BUS.AC-POWER-CONTROL | AIR | 1191.34 | 1440.53 | 76 | .04113 | 66 | 1250 | 38782000A |
| PROTECTION | BUS.AC-POWER-CONTROL | AIR | 1294.49 | 1640.07 | 48 | .02472 | 65 | 1227 | 38784000 |
| PROTECTION-AC | | AIR | 3000 | | | | 65 | 2330 | 38786000 |
| RADAR-CONTROL | RADAR.B-720 | AIR | 180 | | | | 66 | 2380 | 38788000 |

PART CLASS 368 PANELS

| PART DESCRIPTION .00 N.O.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| RELAY | | AIR | 84.5802 | 121.487 | | .10568 | 65 | 1188 | 38798000 |
| RELAY | ELERICAL-DISTRIBUTION-SYSTEM | GRD | 126.582 | 492.367 | | .0079 | 62 | 1135 | 38772000 |
| RELAY | SYSTEM-CIRCUITS | AIR | 154.998 | 272.676 | | .03671 | 66 | 1241 | 38794000 |
| RELAY | MISCELLANEOUS-CIRCUITS | AIR | 169.707 | 339.14 | | .02357 | 66 | 1241 | 38794000 |
| RELAY | ARMAMENT-CONTROL | GRD | 453.834 | 582.136 | | .0439 | 66 | 1241 | 38798000 |
| RELAY | FREQUENCY-CALIBRATION. | | 205.479 | 282.604 | | .0076 | 62 | 1141 | 38808000 |
| SELECTOR | MOBILE-INSPECTION | | | | | | | | |
| SELECTOR | AUDIO | AIR | 150 | | | | 66 | 2390 | 32882000 |
| SELECTOR.AUDIO | AUDIO.DC-8 | AIR | 420 | | | | 66 | 2390 | 38804000 |
| SELF-TEST | COMMUNICATION-SYSTEM | AIR | 391.46 | 420.408 | 225 | .85066 | 65 | 1196 | 38806000 |
| SELF-TEST | F-111 | AIR | • | 917.37 | | .00251 | 62 | 2790 | 38809000 |
| SIGNAL-PATCH. | ARMAMENT-SYSTEM | AIR | 749.863 | 1993.37 | 36 | .00247 | 66 | 1256 | 38810000A |
| MOBILE-INSPECTION-UNIT | | GRD | 22.631 | 60.7568 | | .0076 | 62 | 1141 | 38812000 |
| SIGNAL-SELECT | F-111 | | | | | | | | |
| SIMULATOR | AC-REGULATOR.MOBILE-UNIT | AIR | 5263.15 | 11720.7 | | .00857 | 62 | 2790 | 38814000 |
| SKIN | FUSELAGE.LOWER | GRD | 91.3242 | 148.341 | | .0076 | 62 | 1141 | 38816000 |
| SKIN | WING | HELI | 4.81463 | 18.7274 | 240 | .2077 | 66 | 1257 | 38818000 |
| SKIN.MILLED | WING.CENTER | AIR | 1675.84 | 2265.08 | 31 | .01194 | 63 | 1111 | 38820000 |
| SKIN.MILLED | WING.CENTER | AIR | • | 3.30501 | 480 | .07823 | 63 | 1198 | 38822000 |
| SKIN.MILLED | WING.OUTER | AIR | • | 2.99196 | 390 | .08836 | 65 | 1198 | 38824000 |
| SKIN.MILLED | WING.OUTER | AIR | • | 1.23669 | 1680 | 1.8619 | 65 | 1198 | 38826000 |
| SKIN.MILLED | WING.CENTER | AIR | • | 1.00801 | 900 | 2.2843 | 63 | 1198 | 38828000 |
| SKIN.MILLED | WING.OUTER | AIR | • | 2.02666 | 700 | .8146 | 65 | 1198 | 38830000 |
| STARTING/FUEL.28VDC.115VAC | | AIR | • | 1.50891 | 900 | 1.526 | 65 | 1198 | 38832000 |
| SURFACE.LOWER | WING-FLAP-SYSTEM | HELI | 100 | 222.693 | 120 | .03 | 65 | 1215 | 38834000 |
| SURFACE.LOWER | WING-FLAP-SYSTEM | AIR | 1.1909 | 2.25998 | 6336 | 3.537 | 66 | 1250 | 38836000 |
| SURFACE.UPPER | WING-FLAP-SYSTEM | AIR | 3.25272 | 5.5969 | 4128 | 2.1259 | 65 | 1227 | 38838000 |
| SURFACE.UPPER | WING-FLAP-SYSTEM | AIR | .2457 | .9557 | 7524 | 4.07 | 66 | 1250 | 38840000 |
| SWITCH | ANTENNA.TRANSMITTER.ALT-68 | AIR | .408614 | 1.58938 | 4752 | 2.4473 | 65 | 1227 | 38842000 |
| SWITCH | INTERCOM.AR/AIC-18A.C-2323 | AIR | • | 192.847 | 31 | .01194 | 63 | 1111 | 38844000 |
| SWITCH.EMERGENCY.T366/ARC | | AIR | 5.19596 | 11.4819 | 500 | .58185 | 65 | 1198 | 38846000 |
| SWITCHING | FLIGHT-DIRECTION-SYSTEM.A/F-STANDARD | HELI | 147.698 | 572.014 | 20 | .0068 | 66 | 1257 | 38848000 |
| T.P.-COMM.PANEL | F-111 | AIR | • | 19.7868 | 100 | .11837 | 65 | 1198 | 38850000 |
| TEMPERATURE-WIND-ICE | | AIR | 398.406 | 1949.68 | | .00251 | 62 | 2790 | 38852000 |
| TERMINAL | AUDIBLE-WARNING-SYSTEM | AIR | 1000 | | | | 65 | 2390 | 38854000 |
| TERMINAL | AUDIBLE-WARNING-SYSTEM | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 38856000 |
| TEST | LAUNCHING-CONTROL-EQUIPMENT | AIR | • | 55.9834 | 76 | .04113 | 66 | 1250 | 38858000 |
| TEST | ASYMMETRY-BRAKE.WING-FLAP-SYSTEM | GRD | 28.5388 | 52.9377 | | .1752 | 62 | 1141 | 38860000 |
| TEST | ASYMMETRY-BRAKE.WING-FLAP-SYSTEM | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 38862000 |
| TEST | NEG-TORQUE-CONT.REDUCTION-GEAR-SYS | AIR | • | 55.9834 | 76 | .04113 | 66 | 1250 | 38864000 |
| TEST | AN/ARA-26 | AIR | • | 18.1435 | 90 | .12691 | 33 | 1198 | 38866000 |
| TEST | SYNCHROPHASER.ENGINE-INSTRUMENTION | AIR | 8.59328 | 27.1597 | 50 | .08478 | 65 | 1198 | 38868000 |
| | SYNCHROPHASER.ENGINE-INSTRUMENTION | AIR | 11.3434 | 33.4252 | 100 | .11837 | 65 | 1198 | 38870000 |
| | SYNCHROPHASER.ENGINE-INSTRUMENTION | AIR | 13.3333 | 44.2811 | 192 | .088 | 65 | 1114 | 38872000 |
| | | | | 91.8626 | 90 | .075 | 65 | 1114 | 38874000 |

SECTION I FAILURE RATE DATA

PART CLASS 568 PANELS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| TEST | SYNCHROPHASER.ENGINE-INSTRUMENTION | AIR | 15.7591 | 41.9375 | 50 | .12691 | 65 | 1198 | 38876000 |
| TEST | TACH/STROBE.ENGINE-INSTRUMENTATION | AIR | 23.5904 | 62.7777 | 50 | .08478 | 63 | 1198 | 38878000 |
| TEST | NEG-TORQUE-CONT.REDUCTION-GEAR-SYS | AIR | 70.7714 | 124.228 | 50 | .08478 | 63 | 1198 | 38880000 |
| TEST | NEG-TORQUE-CONT.REDUCTION-GEAR-SYS | AIR | 80 | 140.428 | 50 | .075 | 63 | 1114 | 38882000 |
| TEST | MISSILE-CONTROL. LAUNCH-EQUIPMENT-CHECKOUT | GRD | 91.3242 | 148.341 | | .0876 | 62 | 1141 | 38884000 |
| TEST | INTERLOCK.STIMULI-RACK | GRD | 331.05 | 424.64 | | .0876 | 62 | 1141 | 38886000 |
| TEST.CROSS | SIGHT-DISPLAY-AMPLIFIER | SIM GRD AIR | • | 82.9765 | 195 | .02775 | 64 | 1181 | 38888000A |
| TEST-SEQUENCE | EVALUATOR/PROGRAMMER | GRD | 696.347 | 825.125 | | .0876 | 62 | 1141 | 38890000 |
| TRANSFER | IFS | AIR | 140 | | | | 66 | 2380 | 38892000 |
| TRIM | FLIGHT-DECK | AIR | 24.3131 | 94.5708 | 76 | .04113 | 66 | 1250 | 38894000 |
| TRIM | FLIGHT-DECK | AIR | 40.453 | 107.651 | 96 | .04944 | 65 | 1227 | 38896000 |
| TRIM | CARGO-COMPARTMENT | AIR | 202.265 | 375.19 | 48 | .02472 | 65 | 1227 | 38898000 |
| TRIM | CARGO-COMPARTMENT | AIR | 1142.71 | 1387.44 | 76 | .04113 | 66 | 1250 | 38900000 |
| UHF-RECEIVER-C-AR | F-111 | AIR | 17241.3 | 26563.1 | | .00058 | 62 | 2700 | 38902000 |
| UPPER.WHEEL-WELL- | FUSELAGE | AIR | 2.62656 | 6.98969 | 300 | .76145 | 65 | 1198 | 38904000 |
| UPPER.WHEEL-WELL- | FUSELAGE | AIR | 3.78071 | 10.061 | 612 | .529 | 63 | 1114 | 38906000 |
| UPPER.WHEEL-WELL-F | FUSELAGE | AIR | 8.88888 | 17.7634 | 300 | .45 | 63 | 1114 | 38908000 |
| UPPER.WHEEL-WELL- | FUSELAGE | AIR | 9.82955 | 18.2332 | 300 | .50867 | 63 | 1198 | 38910000 |
| UPPER.WHEEL-WELL-F | FUSELAGE | AIR | 15.7541 | 23.7717 | 600 | .69823 | 65 | 1198 | 38912000 |
| VALVE.AUXILIARY | HYDRAULIC-POWER-SUPPLY | AIR | • | 18.1435 | 50 | .12691 | 65 | 1198 | 38914000 |
| VALVE.AUXILIARY | HYDRAULIC-POWER-SUPPLY | AIR | • | 19.7868 | 100 | .11637 | 65 | 1198 | 38916000 |
| VALVE.BOOST | HYDRAULIC-POWER-SUPPLY | AIR | • | 27.1597 | 50 | .08478 | 63 | 1198 | 38918000 |
| VALVE.BOOST | HYDRAULIC-POWER-SUPPLY | AIR | • | 19.7868 | 100 | .11637 | 65 | 1198 | 38920000 |
| VALVE.BOOST | HYDRAULIC-POWER-SUPPLY | AIR | • | 18.1435 | 50 | .12691 | 65 | 1198 | 38922000 |
| VALVE.EMERGENCY | HYDRAULIC-POWER-SUPPLY | AIR | • | 27.1597 | 50 | .08478 | 63 | 1198 | 38924000 |
| VALVE.UTILITY | HYDRAULIC-POWER-SUPPLY | AIR | • | 18.1435 | 50 | .12691 | 65 | 1198 | 38926000 |
| VALVE.UTILITY | HYDRAULIC-POWER-SUPPLY | AIR | 8.59328 | 33.4252 | 100 | .11637 | 65 | 1198 | 38928000 |
| VALVE.UTILITY | HYDRAULIC-POWER-SUPPLY | AIR | 23.5904 | 62.7777 | 50 | .08478 | 63 | 1198 | 38930000 |
| VHF-LOCN/NAVIGATION | VHF-COMMUNICATIONS.R-720 | AIR | 490 | | | | 66 | 2380 | 38932000 |
| VIBRATOR-INSTR | INSTRUMENTS.707-131 | AIR | 110P | | | | 66 | 2364 | 38934000 |
| VIBRATOR-INSTR | INSTRUMENTS.707-131 | AIR | 140P | | | | 65 | 2364 | 38936000 |
| VIBRATOR-INSTR | INSTRUMENTS.707-131 | AIR | 330P | | | | 66 | 2364 | 38938000 |
| VIBRATOR-INSTRUMENT | INSTRUMENTS.707-131 | AIR | 150P | | | | 65 | 2362 | 38940000 |
| VIBRATOR-INSTRUMENT | INSTRUMENTS.707-131 | AIR | 250P | | | | 66 | 2362 | 38942000 |
| WARNING | OVERHEAT-WARNING-SYSTEM | AIR | • | 19.7868 | 100 | .11637 | 65 | 1198 | 38944000 |
| WARNING | MASTER.FIRE-DETECTION-SYSTEM | AIR | • | 19.7868 | 100 | .11637 | 65 | 1198 | 38946000 |

PART CLASS 369 PEDALS

| PART DESCRIPTION .00 N.E.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| | BRAKE.LANDING-GEAR | AIR | • | 6.78952 | 200 | .33912 | 63 | 1198 | 30946000 |
| | RUDDER-TRIM-CONTROL | AIR | • | 96.4641 | 62 | .02387 | 63 | 1111 | 30950000 |
| | RUDDER.FLIGHT-CONTROL | AIR | • | 13.9979 | 384 | .1649 | 66 | 1250 | 30952000 |
| | BRAKE.LANDING-GEAR | AIR | • | 4.33998 | 200 | .30763 | 65 | 1198 | 30954000 |
| | RUDDER.FLIGHT-CONTROL | AIR | • | 4.94353 | 400 | .46578 | 65 | 1198 | 30956000 |
| | RUDDER.ASSEMBLY | AIR | • | 23.2868 | 192 | .09888 | 65 | 1227 | 30958000 |
| | RUDDER.ASSEMBLY | AIR | 1.96993 | 7.46247 | 200 | .30763 | 65 | 1198 | 30960000 |
| | RUDDER.ASSEMBLY | AIR | 2.14832 | 8.35632 | 400 | .46548 | 65 | 1198 | 30962000 |
| | DIRECTIONAL-FLIGHT-CONTROL | AIR | 2.9488 | 11.4699 | 200 | .33912 | 63 | 1198 | 30964000 |
| | | MEL1 | 100.335 | 157.982 | 400 | .12 | 65 | 1215 | 30964000 |

SECTION I FAILURE RATE DATA

PART CLASS STO PEDESTALS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| | CENTER.INSTRUCTOR-COMPARTMENT | AIR | 13.9163 | 28.7285 | 397 | .51789 | 67 | 1272 | 30960600 |
| | CENTER.STUDENT-COMPARTMENT | AIR | 19.4472 | 25.0916 | 597 | .51789 | 67 | 1272 | 30970000 |
| CENTER | INSTRUCTOR-COMPARTMENT | AIR | 0 | 20.1505 | 473 | .11427 | 65 | 1228 | 30972000 |
| CENTER | STUDENT-COMPARTMENT | AIR | 0 | 20.1505 | 473 | .11427 | 65 | 1228 | 30974000 |
| CENTER | STUDENT-COMPARTMENT | AIR | 22.8154 | 60.7152 | 486 | .08786 | 64 | 1179 | 30976000 |
| CONTROL | PILOT.FLIGHT-DECK | AIR | 0 | 55.9834 | 76 | .04113 | 66 | 1250 | 30978000A |
| CONTROL | PILOT.FLIGHT-DECK | AIR | 0 | 93.1472 | 48 | .02472 | 65 | 1227 | 30980000 |

PART CLASS 571 PINS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| | DELIVERY-SERVICE.DOOR.HYDRAULIC.RAMP | AIR | • | 9.89344 | 200 | .23274 | 65 | 1198 | 30982000 |
| | DOOR.EMERGENCY.SIDE-EXIT | AIR | • | 11.6434 | 304 | .19776 | 65 | 1227 | 30984000 |
| | | GRD | • | .019269 | 110000 | 119.5 | 65 | 1193 | 30986000 |
| | DOOR.EMERGENCY.ESCAPE-HATCH.CARGO-COMP | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 30988000 |
| | ENGINE-MOUNT.FORWARD | AIR | • | 23.1719 | | .00937 | 63 | 1123 | 30990000 |
| | DOOR.EMERGENCY.SIDE-EXIT | AIR | • | 6.99878 | 600 | .329 | 66 | 1258 | 30992000A |
| | DOOR.EMERGENCY.ESCAPE-HATCH.CARGO-COMPARTMENT | AIR | • | 55.9834 | 76 | .04113 | 66 | 1250 | 30994000 |
| | FLANGE.OIL-DELIVERY.CARRIER.REDUCTION-GEAR | GRD | 1.79079 | 4.96567 | 708 | .55841 | 65 | 1201 | 30996000 |
| | PIP.DOOR.NOSE-LANDING-GEAR | AIR | 8.7512 | 34.0395 | 473 | .11427 | 65 | 1226 | 30998000 |
| | YOKE.20MM-GUN | GRD | ICR | 38.8978 | 2 | .8R | 64 | 1134 | 31000000 |
| | SEAR-LINK.LOADER.20MM-GUN | GRD | 2CR | 39.9677R | 14 | .2R | 64 | 1134 | 31002000 |
| | DELIVERY-SERVICE.DOOR.HYDRAULIC.RAMP | AIR | 23.6387 | 41.4943 | 100 | .25382 | 65 | 1198 | 31004000 |
| | DELIVERY-SERVICE.DOOR.HYDRAULIC-RAMP | AIR | 26.8456 | 53.6479 | 100 | .149 | 63 | 1114 | 31006000 |
| | DELIVERY-SERVICE.DOOR.HYDRAULIC.RAMP | AIR | 28.409 | 52.6971 | 204 | .176 | 63 | 1114 | 31008000 |
| | DELIVERY-SERVICE.DOOR.HYDRAULIC.RAMP | AIR | 29.488 | 54.6986 | 100 | .16956 | 63 | 1198 | 31010000 |
| | PIP.DOOR.NOSE-LANDING-GEAR | AIR | 34.2231 | 76.2128 | 406 | .08766 | 64 | 1179 | 31012000 |
| | PIP.DOOR.MECHANICAL.PARATROOP | AIR | 36.5214 | 50.7134 | 400 | .46548 | 65 | 1198 | 31014000 |
| | PIP.DOOR.MAIN-LANDING-GEAR.OUTBOARD | AIR | 55.1582 | 71.0752 | 200 | .50743 | 65 | 1198 | 31016000 |
| | PIP.DOOR.MAIN-LANDING-GEAR.OUTBOARD | AIR | 79.3201 | 102.209 | 400 | .353 | 63 | 1114 | 31018000 |
| | OSCILLATING-GUIDE.20MM-GUN | GRD | 1COR | 135.229R | 14 | .2R | 64 | 1134 | 31020000 |
| | PIP.DOOR.MAIN-LANDING-GEAR.OUTBOARD | AIR | 113.803 | 142.395 | 200 | .33912 | 63 | 1198 | 31022000 |
| | PIP.DOOR.MAIN-LANDING-GEAR.OUTBOARD | AIR | 117.056 | 146.727 | 200 | .299 | 63 | 1114 | 31024000 |
| | PIP.DOOR.HYDRAULIC.FORWARD-CARGO | AIR | 157.991 | 194.587 | 100 | .25382 | 65 | 1198 | 31026000 |
| | PIP.DOOR.MECHANICAL.PARATROOP | AIR | 200.929 | 242.017 | 100 | .25382 | 65 | 1198 | 31028000 |
| | PIP.DOOR.MECHANICAL.PARATROOP | AIR | 206.416 | 250.737 | 100 | .16956 | 63 | 1198 | 31030000 |
| | PIP.DOOR.HYDRAULIC.FORWARD-CARGO | AIR | 215.909 | 260.106 | 204 | .176 | 63 | 1114 | 31032000 |
| | PIP.DOOR.MECHANICAL.PARATROOP | AIR | 228.187 | 287.803 | 100 | .149 | 63 | 1114 | 31034000 |
| | PIP.DOOR.MECHANICAL.PARATROOP | AIR | 261.363 | 318.022 | 204 | .176 | 63 | 1114 | 31036000 |
| | PIP.DOOR.HYDRAULIC.FORWARD-CARGO | AIR | 342.061 | 407.13 | 100 | .16956 | 63 | 1198 | 31038000 |
| | PIP.DOOR.HYDRAULIC.FORWARD-CARGO | AIR | 362.416 | 434.177 | 100 | .149 | 63 | 1114 | 31040000 |
| BLADE | COMPRESSOR.FIRST-STAGE.POWER-SECTION | AIR | .015194 | .059099 | 56628 | 65.817 | 65 | 1201 | 31042000 |
| BLADE | COMPRESSOR.FIRST-STAGE.POWER-SECTION | AIR | .07993 | .310902 | 13200 | 12.511 | 65 | 1201 | 31044000 |
| DISCONNECT | TORQUE-SCISSORS.LANDING-GEAR.NOSE | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 31046000 |
| DISCONNECT | TORQUE-SCISSORS.LANDING-GEAR.NOSE | AIR | • | 55.9834 | 76 | .04113 | 66 | 1250 | 31048000A |
| DISCONNECT | LANDING-GEAR.NOSE | AIR | 8.59328 | 33.4252 | 100 | .11637 | 65 | 1198 | 31050000 |
| DISCONNECT | LANDING-GEAR.NOSE | AIR | 82.9666 | 138.04 | 50 | .68478 | 63 | 1198 | 31052000 |
| DISCONNECT | LANDING-GEAR.NOSE | AIR | 93.3333 | 156.945 | 50 | .075 | 63 | 1114 | 31054000 |
| DISCONNECT | LANDING-GEAR.NOSE | AIR | 136.363 | 202.063 | 102 | .088 | 63 | 1114 | 31056000 |
| DISCONNECT | LANDING-GEAR.NOSE | AIR | 149.712 | 204.181 | 50 | .12691 | 65 | 1198 | 31058000 |
| DRAG | LANDING-GEAR.MAIN | AIR | • | 2.47333 | 800 | .93097 | 65 | 1198 | 31060000 |
| DRAG | LANDING-GEAR.MAIN | AIR | 1.47442 | 5.73507 | 400 | .67823 | 63 | 1198 | 31062000 |
| DRAG | LANDING-GEAR.MAIN | AIR | 1.66944 | 6.49365 | 400 | .599 | 63 | 1114 | 31064000 |

PART CLASS 571 PINS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.E.C. | | | | | | | | | |
| DRAG | LANDING-GEAR.MAIN | AIR | 6.89451 | 11.5935 | 400 | 1.0153 | 65 | 1198 | 39064000 |
| DRAG | LANDING-GEAR.MAIN | AIR | 9.91501 | 16.6726 | 816 | .706 | 63 | 1114 | 39068000 |
| DRIVE | | AIR | 4.12144 | 5.78041 | | 3.73 | 59 | 1070 | 39070000 |
| FIRING | 20MM-GUN | AIR | 50R | 77.0332R | 4 | .28 | 64 | 1134 | 39072000 |
| GROOVED | | LAB | .025 | | | | 63 | 1138 | 39074000 |
| GUIDE | RUDDER-SYSTEM | AIR | 1.44822 | 3.2251 | 2388 | 2.0715 | 67 | 1272 | 39076000 |
| GUIDE | | LAB | 1.63 | | | | 63 | 1138 | 39078000 |
| GUIDE | RUDDER-SYSTEM | AIR | 2.1078 | 8.98988 | 1092 | .45708 | 65 | 1228 | 39080000 |
| GUIDE | RUDDER-SYSTEM | AIR | 11.4077 | 22.797 | 1624 | .35064 | 64 | 1179 | 39082000 |
| HINGE | ELEVATOR-ASSEMBLY | AIR | * | 1.97868 | 1000 | 1.1637 | 65 | 1198 | 39084000 |
| HINGE | IGNITOR.TAKEOFF-ASSIST-SYSTEM | AIR | * | 1.64883 | 1200 | 1.3965 | 65 | 1198 | 39086000 |
| HINGE | DOOR.LANDING-GEAR.MAIN.INBOARD | AIR | * | 5.8217 | 768 | .39552 | 65 | 1227 | 39088000 |
| HINGE | LEADING-EDGE.WING.CENTER | AIR | * | 2.47333 | 800 | .93097 | 65 | 1198 | 39090000 |
| HINGE | DOOR.HYDRAULIC.PRESSURE | AIR | * | 18.6294 | 240 | .1236 | 65 | 1227 | 39092000 |
| HINGE | DOOR.HYDRAULIC.FORWARD-CARGO | AIR | * | 58 | 200 | .0397 | 65 | 1198 | 39094000 |
| HINGE | DOOR.LANDING-GEAR.MAIN.INBOARD | AIR | * | 3.49886 | 1216 | .6581 | 64 | 1258 | 39096000 |
| HINGE | RUDDER-TRIM-TAB-ASSEMBLY | AIR | * | 9.89344 | 200 | .23274 | 65 | 1195 | 39098000 |
| HINGE | RUDDER-ASSEMBLY | AIR | * | 4.94672 | 400 | .46548 | 65 | 1198 | 39100000 |
| HINGE | DOOR.HYDRAULIC.PRESSURE | AIR | * | 11.1939 | 300 | .2057 | 64 | 1258 | 39102000 |
| HINGE | LEADING-EDGE.WING.OUTER | AIR | 1.26369 | 1.94693 | 6000 | 7.9133 | 65 | 1198 | 39104000 |
| HINGE | LEADING-EDGE.WING.OUTER | AIR | 1.90295 | 5.06403 | 4624 | 1.051 | 63 | 1114 | 39106000 |
| HINGE | ELEVATOR-TRIM-TAB-ASSEMBLY | AIR | 3.22244 | 7.17617 | 800 | .93097 | 65 | 1198 | 39108000 |
| HINGE | LEADING-EDGE.WING.OUTER | AIR | 3.64372 | 5.75141 | 2856 | 2.47 | 63 | 1114 | 39110000 |
| HINGE | ELEVATOR-TRIM-TAB-ASSEMBLY | AIR | 3.95197 | 7.85761 | 600 | 1.0173 | 63 | 1198 | 39112000 |
| HINGE | ELEVATOR-TRIM-TAB-ASSEMBLY | AIR | 4.44938 | 8.8916 | 600 | .899 | 63 | 1114 | 39114000 |
| HINGE | FLAP.DOOR.LANDING-GEAR.MAIN | AIR | 5.79318 | 10.169 | 1194 | 1.0357 | 67 | 1272 | 39116000 |
| HINGE | LEADING-EDGE.WING.CENTER | AIR | 5.8977 | 11.7858 | 400 | .67823 | 63 | 1198 | 39118000 |
| HINGE | LEADING-EDGE.WING.CENTER | AIR | 6.67779 | 13.3448 | 400 | .599 | 63 | 1114 | 39120000 |
| HINGE | LEADING-EDGE.WING.OUTER | AIR | 6.93842 | 9.38251 | 1700 | 2.8825 | 65 | 1114 | 39122000 |
| HINGE | LEADING-EDGE.WING.OUTER | AIR | 7.45975 | 10.1498 | 1700 | 2.547 | 63 | 1198 | 39124000 |
| HINGE | LEADING-EDGE.WING.OUTER | AIR | 10.1311 | 13.9338 | 700 | 1.7767 | 65 | 1198 | 39126000 |
| HINGE | AILERON-ASSEMBLY.FLIGHT-CONTROL | AIR | 13.1268 | 23.8421 | 1092 | .45708 | 65 | 1228 | 39128000 |
| HINGE | DOOR.HYDRAULIC.FORWARD-CARGO | AIR | 15.7991 | 31.4929 | 100 | .25382 | 65 | 1198 | 39130000 |
| HINGE | DOOR.HYDRAULIC.FORWARD-CARGO | AIR | 17.0454 | 37.959 | 204 | .176 | 63 | 1114 | 39132000 |
| HINGE | AILERON-ASSEMBLY.FLIGHT-CONTROL | AIR | 17.1115 | 30.0367 | 1624 | .39064 | 64 | 1179 | 39134000 |
| HINGE | FLAP.DOOR.LANDING-GEAR.MAIN | AIR | 17.1115 | 38.1063 | 812 | .17532 | 64 | 1179 | 39136000 |
| HINGE | DOOR.MECHANICAL.CREW | AIR | 17.1865 | 34.3454 | 200 | .23274 | 65 | 1198 | 39138000 |
| HINGE | FLAP.DOOR.LANDING-GEAR.MAIN | AIR | 17.5824 | 34.9765 | 946 | .22854 | 65 | 1228 | 39140000 |
| HINGE | AILERON-ASSEMBLY | AIR | 20.2751 | 24.9039 | 2388 | 2.0715 | 67 | 1272 | 39142000 |
| HINGE | RUDDER-TRIM-TAB-ASSEMBLY | AIR | 23.3404 | 47.1428 | 100 | .16956 | 63 | 1198 | 39144000 |
| HINGE | RUDDER-TRIM-TAB-ASSEMBLY | AIR | 26.8456 | 53.6479 | 100 | .149 | 63 | 1114 | 39146000 |
| HINGE | DOOR.MECHANICAL.CREW | AIR | 29.466 | 54.6986 | 100 | .16956 | 63 | 1198 | 39148000 |
| HINGE | TOWING-PINTLE.(N-MILES) | GRD | 32.41498 | 96.20898 | 15 | .06178 | 66 | 1295 | 39150000 |
| HINGE | DOOR.MECHANICAL.CREW | AIR | 33.557 | 62.2463 | 100 | .149 | 63 | 1114 | 39152000 |
| HINGE | ELEVATOR-TRIM-TAB-ASSEMBLY | AIR | 36.7719 | 43.986 | 600 | 1.5229 | 65 | 1198 | 39154000 |

PART CLASS 971 PINS

| PART DESCRIPTION .00 N.E.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SOURCE | CROSS LINKAGE REF NO |
|---|---|---|---|---|---|---|---|---|---|
| HINGE | AILERON-ASSEMBLY | AIR | 38.6497 | 59.1044 | 400 | .46548 | 63 | 1198 | 39154000 |
| HINGE | ELEVATOR-TRIM-TAB-ASSEMBLY | AIR | 45.3257 | 54.9173 | 1224 | 1.499 | 63 | 1114 | 39158000 |
| HINGE | WINDSHIELD.STUDENT | AIR | 61.2584 | 103.009 | 473 | .11427 | 65 | 1228 | 39160000 |
| HINGE | AILERON-ASSEMBLY | AIR | 73.7202 | 96.459 | 288 | .33912 | 63 | 1198 | 39162000 |
| HINGE | DOOR.HYDRAULIC.FORWARD-CARGO | AIR | 82.5466 | 110.707 | 100 | .16956 | 63 | 1198 | 39164000 |
| HINGE | AILERON-ASSEMBLY | AIR | 83.412 | 109.402 | 289 | .299 | 63 | 1114 | 39166000 |
| HINGE | DOOR.MECHANICAL.CREW | AIR | 96.6153 | 119.979 | 100 | .25382 | 65 | 1198 | 39168000 |
| HINGE | DOOR.HYDRAULIC.FORWARD-CARGO | AIR | 93.9597 | 135.087 | 100 | .149 | 63 | 1114 | 39170000 |
| HINGE | WINDSHIELD.STUDENT | AIR | 94.6146 | 114.404 | 597 | .51789 | 67 | 1272 | 39172000 |
| HINGE | LANDING-GEAR.MAIN | AIR | 103.381 | 117.325 | 1194 | 1.0357 | 67 | 1272 | 39174000 |
| HINGE | LEADING-EDGE.WING.CENTER | AIR | 110.314 | 158.6 | 50 | .12691 | 63 | 1198 | 39176000 |
| HINGE | RUDDER-TRIM-TAB-ASSEMBLY | AIR | 114.254 | 146.554 | 100 | .29382 | 65 | 1198 | 39178000 |
| HINGE | AILERON-ASSEMBLY | AIR | 118.196 | 148.257 | 200 | .58763 | 65 | 1198 | 39180000 |
| HINGE | DOOR.MECHANICAL.CREW | AIR | 119.318 | 160.138 | 204 | .176 | 63 | 1114 | 39182000 |
| HINGE | LEADING-EDGE.WING.CENTER | AIR | 125 | 188.619 | 408 | .088 | 63 | 1114 | 39184000 |
| HINGE | AILERON-ASSEMBLY | AIR | 130.311 | 158.56 | 408 | .353 | 63 | 1114 | 39186000 |
| HINGE | RUDDER-TRIM-TAB-ASSEMBLY | AIR | 147.727 | 192.252 | 204 | .176 | 63 | 1114 | 39188000 |
| HINGE | WINDSHIELD.STUDENT | AIR | 148.3 | 216.246 | 406 | .08764 | 64 | 1179 | 39190000 |
| HINGE | DOOR.LANDING-GEAR.MAIN | AIR | 199.707 | 205.794 | 812 | .17532 | 64 | 1179 | 39192000 |
| HINGE | DOOR.LANDING-GEAR.MAIN | AIR | 166.272 | 206.47 | 946 | .22854 | 65 | 1228 | 39194000 |
| LINK | DOOR.ESCAPE-SYSTEM | AIR | 4.63027 | 18.0103 | 126 | .21597 | 65 | 1155 | 39196000 |
| LOCK | BEARING.TURBINE.FRONT.POWER-SECTION | AIR | 2.73059 | 10.6212 | 244 | .36622 | 65 | 1201 | 39198000 |
| LOCK | QUICK-RELEASE.MAIN-LAND-GR.OUTBOARD | AIR | 34.3731 | 48.2332 | 400 | .46548 | 65 | 1198 | 39200000 |
| NOSE-LANDING-GEAR-TORSION-LINK | LANDING-GEAR.727 | AIR | [illegible] | | | | 66 | 2340 | 39202000 |
| PIP | DOOR.NOSE-LANDING-GEAR | AIR | 81.0983 | 99.6128 | 597 | .51789 | 67 | 1272 | 39204000 |
| Q.R | (STORAGE) | NSL | .00002 | | | | 65 | 2440 | 39206000 |
| QUICK-DISCONNECT | DOWN-LOCK.EMERGENCY.MAIN-LANDING-GR | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 39208000 |
| QUICK-DISCONNECT | DOWN-LOCK.EMERGENCY. MAIN-LANDING-GEAR | AIR | 32.1565 | 47.2854 | 152 | .08224 | 66 | 1250 | 39210000A |
| RELEASE.QUICK | CABLE.ENGINE-CONTROL | AIR | * | 4.94672 | 400 | .46548 | 65 | 1198 | 39212000 |
| RELEASE.QUICK | DOOR.HYDRAULIC.FORWARD-CARGO | AIR | 12.5944 | 48.9886 | 400 | .0794 | 65 | 1198 | 39214000 |
| RELEASE.QUICK | STABILIZING-JACK-SYSTEM | AIR | 50.5663 | 93.7975 | 192 | .09888 | 65 | 1227 | 39216000 |
| RELEASE.QUICK | STABILIZING-JACK-SYSTEM | AIR | 91.1854 | 129.437 | 504 | .1649 | 66 | 1250 | 39218000A |
| ROCKING | TAIL-ROTOR | HELI | 1288.88 | 1456.2 | 360 | .09 | 65 | 1215 | 39220000 |
| ROLLER | DOOR.MECHANICAL.PARATROOP | AIR | * | 2.47333 | 800 | .93097 | 65 | 1198 | 39222000 |
| ROLLER | DOOR.MECHANICAL.PARATROOP | AIR | 4.24929 | 9.46289 | 816 | .706 | 63 | 1114 | 39224000 |
| ROLLER | DOOR.MECHANICAL.PARATROOP | AIR | 4.92465 | 9.13493 | 400 | 1.0193 | 65 | 1198 | 39226000 |
| ROLLER | DOOR.MECHANICAL.PARATROOP | AIR | 155.306 | 180.186 | 300 | .50867 | 63 | 1198 | 39228000 |
| SAFETY | DOOR.MECHANICAL.PARATROOP | AIR | 175.186 | 203.227 | 300 | .451 | 63 | 1114 | 39230000 |
| SAFETY | INSTRUCTOR-SEAT | AIR | 26.2536 | 58.465 | 473 | .11427 | 65 | 1228 | 39232000 |
| SAFETY | INSTRUCTOR-SEAT | AIR | 27.0327 | 38.8653 | 597 | .51789 | 67 | 1272 | 39234000 |
| SAFETY | STUDENT-SEAT | AIR | 59.0385 | 105.803 | 406 | .08764 | 64 | 1179 | 39236000 |
| SAFETY | INSTRUCTOR-SEAT | AIR | 68.4462 | 120.147 | 406 | .08766 | 64 | 1179 | 39238000 |
| | STUDENT-SEAT | AIR | 78.7608 | 124.319 | 473 | .11427 | 65 | 1228 | 39240000 |

SECTION I FAILURE RATE DATA

PART CLASS 571 PINS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 95 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.E.C. | | | | | | | | | |
| SAFETY | STUDENT-SEAT | AIR | 110.061 | 131.203 | 597 | .51789 | 67 | 1272 | 39242000 |
| SHEAR | EMPENNAGE-JOINT.AFT/MID-SECTION | AIR | 0 | 1.4949 | | 1.5403 | 63 | 1123 | 39244000 |
| SHEAR | FLAP-INTERCONNECT.STABILIZER. HORIZONTAL | AIR | 11.5854 | 20.3365 | 597 | .51789 | 67 | 1272 | 39246000 |
| SHEAR | FLAP-INTERCONNECT.STABILIZER.HORIZ | AIR | 148.77 | 206.581 | 473 | .11427 | 65 | 1228 | 39248000 |
| SHEAR | FLAP-INTERCONNECT.STABILIZER.HORIZ | AIR | 273.785 | 360.296 | 406 | .08766 | 64 | 1179 | 39250000 |
| SPANNER-NUT | CARRIER.REAR.REDUCTION-GEAR | AIR | 1.79079 | 6.96567 | 708 | .55841 | 65 | 1201 | 39252000 |
| SPANNER-NUT | CARRIER.REAR.REDUCTION-GEAR | AIR | 1.947 | 7.37325 | 528 | .51361 | 65 | 1201 | 39254000 |
| SPANNER-NUT | CARRIER.REAR.REDUCTION-GEAR | AIR | 5.27509 | 14.0378 | 400 | .37914 | 65 | 1201 | 39256000 |
| SPANNER-NUT | CARRIER.REAR.REDUCTION-GEAR | AIR | 19.9537 | 24.2111 | 1716 | 1.9945 | 65 | 1201 | 39258000 |
| TAPER | STABILIZER.HORIZONTAL | AIR | 3.86212 | 7.71801 | 1194 | 1.0357 | 67 | 1272 | 39260000 |
| TAPER | STABILIZER.HORIZONTAL | AIR | 4.3756 | 17.0197 | 946 | .22854 | 65 | 1228 | 39262000 |
| TAPER | STABILIZER.HORIZONTAL | AIR | 5.70385 | 22.1862 | 812 | .17532 | 64 | 1179 | 39264000 |
| TIE-BOLT | COMPRESSOR.TURBINE.POWER-SECTION | AIR | 2.83535 | 11.0280 | 448 | .35269 | 65 | 1201 | 39266000 |
| TIE-BOLT | TURBINE/COMPRESSOR.POWER-SECTION | AIR | 4.86121 | 18.9086 | 260 | .20571 | 65 | 1201 | 39268000 |
| TRUNNION | | AIR | 79.7101 | 106.232 | | .276 | 59 | 1070 | 39270000 |

PART CLASS 972 PIPES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| REFRIGERANT | | | | | | | | | |
| .10 TAIL | | LAB | 4.64972 | 7.33932 | | 1.9356 | 63 | 2230 | 39272000 |
| | GAS-TURBINE-COMPR.AUX-POWER-PLANT | AIR | 0 | 19.7868 | 100 | .11637 | 65 | 1198 | 39274000 |
| | GAS-TURBINE-COMPR.AUX-POWER-PLANT | AIR | 23.6387 | 52.642 | 50 | .12691 | 65 | 1198 | 39276000 |
| | GAS-TURBINE-COMPR.AUX-POWER-PLANT | AIR | 34.0909 | 75.9181 | 102 | .088 | 63 | 1114 | 39278000 |
| | GAS-TURBINE-COMPR.AUX-POWER-PLANT | AIR | 212.314 | 292.606 | 50 | .08478 | 63 | 1198 | 39280000 |
| .20 EXHAUST | | | 226.666 | 314.748 | 50 | .075 | 63 | 1114 | 39282000 |
| | TAIL-ASSEMBLY.BASIC-ENGINE | AIR | 10.7416 | 19.925 | 400 | .46548 | 65 | 1198 | 39284000 |
| | TAIL-ASSEMBLY.BASIC-ENGINE | AIR | 16.129 | 62.737 | 272 | .062 | 63 | 1114 | 39286000 |
| | ENGINE.(N=MILES) | GRD | 16.2074M | 63.0421M | 15 | .0617M | 66 | 1255 | 39288000 |
| | TAIL-ASSEMBLY.BASIC-ENGINE | AIR | 31.1614 | 47.0202 | 408 | .353 | 63 | 1114 | 39290000 |
| | TAIL-ASSEMBLY.BASIC-ENGINE | AIR | 37.4288 | 51.0264 | 200 | .50763 | 65 | 1198 | 39292000 |
| | TAIL-ASSEMBLY.BASIC-ENGINE | AIR | 486.553 | 538.779 | 200 | .33912 | 63 | 1198 | 39294000 |
| | TAIL-ASSEMBLY.BASIC-ENGINE | AIR | 511.705 | 568.984 | 200 | .299 | 63 | 1114 | 39296000 |

PART CLASS 573 PISTONS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.E.C. | | | | | | | | | |
| | LANDING-GEAR.MAIN | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 39298000 |
| | LANDING-GEAR.NOSE | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 39300000 |
| | LANDING-GEAR.NOSE | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 39302000 |
| | BUFFER.LOADER.20MM-GUN | GRD | 10R | 26.6415R | 14 | .2R | 64 | 1134 | 39304000 |
| | RAM.LOADER.20MM-GUN | GRD | 4?R | 71.03R | 14 | .2R | 64 | 1134 | 39306000 |
| | LANDING-GEAR.MAIN | AIR | 80.9061 | 161.681 | 96 | .04944 | 65 | 1227 | 39308000 |
| PUSHROD-NOSE-LANDING-GEAR-POSITION | LANDING-GEAR.727 | AIR | 220P | | | | 66 | 2363 | 39310000 |
| .10 HYDRAULIC | | | | | | | | | |
| | | LAB | .2 | | | | 63 | 1138 | 39312000 |

PART CLASS 574 PLATES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| | GUIDE-CHANNEL.CLEAR-VISION-WINDSHIELD | AIR | * | 46.5756 | 96 | .04644 | 65 | 1227 | 39314000 |
| | WINDSHIELD.STUDENT.AIRFRAME | AIR | * | 20.1505 | 473 | .11427 | 65 | 1228 | 39316000 |
| | NEGATOR-TORQUE-CONTROL.REDUCTION-GEAR-SYSTEM | AIR | * | 4.53598 | 200 | .50763 | 65 | 1198 | 39318000 |
| | STEERING.LANDING-GEAR.MAIN | AIR | * | 48.2219 | 124 | .04835 | 63 | 1111 | 39320000 |
| | NEGATOR-TORQUE-CONTROL.REDUCTION-GEAR-SYSTEM | AIR | 1.47442 | 5.73507 | 400 | .67823 | 63 | 1198 | 39322000 |
| | NEGATOR-TORQUE-CONTROL.REDUCTION-GEAR | AIR | 1.66944 | 6.49365 | 400 | .599 | 63 | 1114 | 39324000 |
| | NOSE-BEARING.REDUCTION-GEAR | AIR | 1.947 | 7.57325 | 528 | .51361 | 65 | 1201 | 39326000 |
| | WINDSHIELD.STUDENT.AIRFRAME | AIR | 7.72364 | 19.4348 | 597 | .51789 | 67 | 1272 | 39328000 |
| | SIDE.LOADER.20MM-GUN | GRD | 20R | 53.223R | 2 | .1R | 64 | 1134 | 39330000 |
| | WINDSHIELD.STUDENT.AIRFRAME | AIR | 22.8134 | 60.7152 | 406 | .08766 | 64 | 1179 | 39332000 |
| | FUSELAGE.CENTER-SECTION | AIR | 52.5072 | 92.1685 | 473 | .11427 | 65 | 1228 | 39334000 |
| | FUSELAGE.CENTER-SECTION | AIR | 57.0385 | 105.803 | 406 | .08766 | 64 | 1179 | 39336000 |
| | BRAKES | AIR | 71.4285 | 277.835 | | .014 | 61 | 1082 | 39338000 |
| | FUSELAGE.CENTER-SECTION | AIR | 198.883 | 226.427 | 597 | .51789 | 67 | 1272 | 39340000 |
| ACCESS | STABILIZER.VERTICAL | AIR | * | 1.09925 | 1800 | 2.0947 | 65 | 1198 | 39342000 |
| ACCESS | FUSELAGE.AFT.ABOVE-WL200 | AIR | * | 4.94672 | 100 | .46548 | 65 | 1198 | 39344000 |
| ACCESS | FUSELAGE.AFT.BELOW-WL200 | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 39346000 |
| ACCESS | FUSELAGE.FORWARD.ABOVE-WL200 | AIR | * | 9.89344 | 200 | .23274 | 65 | 1198 | 39348000 |
| ACCESS | FUSELAGE.CENTER.ABOVE-WL200 | AIR | * | 4.53598 | 200 | .50763 | 65 | 1198 | 39350000 |
| ACCESS | FUSELAGE.AFT.ABOVE-WL200 | AIR | * | 3.62877 | 250 | .63434 | 65 | 1198 | 39352000 |
| ACCESS | FUSELAGE.FORWARD.ABOVE-WL200 | AIR | * | 6.59562 | 300 | .34911 | 65 | 1198 | 39354000 |
| ACCESS | FUSELAGE.CENTER.BELOW-WL200 | AIR | 1.31328 | 5.10828 | 300 | .76145 | 65 | 1198 | 39356000 |
| ACCESS | FUSELAGE.CENTER.ABOVE-WL200 | AIR | 1.43219 | 5.5708 | 600 | .69823 | 65 | 1198 | 39358000 |
| ACCESS | FUSELAGE.AFT.ABOVE-WL200 | AIR | 2.35904 | 9.17598 | 250 | .4239 | 63 | 1198 | 39360000 |
| ACCESS | FUSELAGE.AFT.ABOVE-WL200 | AIR | 2.66666 | 10.3725 | 250 | .375 | 63 | 1114 | 39362000 |
| ACCESS | FUSELAGE.CENTER.BELOW-WL200 | AIR | 2.96735 | 7.09858 | 450 | .674 | 63 | 1114 | 39364000 |
| ACCESS | STABILIZER.VERTICAL | AIR | 3.33889 | 8.8853 | 400 | .599 | 63 | 1114 | 39366000 |
| ACCESS | STABILIZER.HORIZONTAL | AIR | 3.40136 | 7.5746 | 1020 | .882 | 63 | 1114 | 39368000 |
| ACCESS | STABILIZER.VERTICAL | AIR | 3.78071 | 10.061 | 612 | .529 | 63 | 1114 | 39370000 |
| ACCESS | STABILIZER.HORIZONTAL | AIR | 3.9398 | 7.30809 | 500 | 1.2691 | 65 | 1198 | 39372000 |
| ACCESS | STABILIZER.VERTICAL | AIR | 3.93985 | 8.77378 | 300 | .76145 | 65 | 1198 | 39374000 |
| ACCESS | STABILIZER.VERTICAL | AIR | 4.42327 | 9.85034 | 400 | .67823 | 63 | 1198 | 39376000 |
| ACCESS | STABILIZER.HORIZONTAL | AIR | 4.52284 | 6.96819 | 1900 | 2.211 | 65 | 1198 | 39378000 |
| ACCESS | FUSELAGE.CENTER.BELOW-WL200 | AIR | 5.24239 | 10.4763 | 450 | .76301 | 63 | 1198 | 39380000 |
| ACCESS | FUSELAGE.FORWARD.ABOVE-WL200 | AIR | 5.68161 | 22.1005 | 204 | .176 | 63 | 1114 | 39382000 |
| ACCESS | FUSELAGE.FORWARD.ABOVE-WL200 | AIR | 5.90981 | 13.1607 | 200 | .50763 | 65 | 1198 | 39384000 |
| ACCESS | FUSELAGE.FORWARD.ABOVE-WL200 | AIR | 7.8796 | 20.9687 | 100 | .25382 | 65 | 1198 | 39386000 |
| ACCESS | FUSELAGE.FORWARD.ABOVE-WL200 | AIR | 8.49858 | 18.9257 | 408 | .353 | 63 | 1114 | 39388000 |
| ACCESS | FUSELAGE.FORWARD.ABOVE-WL200 | AIR | 11.7952 | 45.8799 | 50 | .08478 | 63 | 1198 | 39390000 |
| ACCESS | STABILIZER.HORIZONTAL | AIR | 11.7954 | 19.1597 | 400 | .67823 | 63 | 1198 | 39392000 |
| ACCESS | FUSELAGE.FORWARD.ABOVE-WL200 | AIR | 13.3333 | 51.8626 | 50 | .075 | 63 | 1114 | 39394000 |

PART CLASS 574 PLATES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.C.C. | | | | | | | | | |
| ACCESS | STABILIZER.HORIZONTAL | AIR | 13.3555 | 21.6939 | 400 | .599 | 63 | 1114 | 39396000 |
| ACCESS | FUSELAGE.CENTER.ABOVE-WL200 | AIR | 13.4228 | 35.7201 | 100 | .149 | 63 | 1114 | 39398000 |
| ACCESS | FUSELAGE.FORWARD.ABOVE-WL200 | AIR | 14.764 | 27.3493 | 200 | .33912 | 63 | 1198 | 39400000 |
| ACCESS | FUSELAGE.FORWARD.ABOVE-WL200 | AIR | 16.7224 | 31.019 | 200 | .299 | 63 | 1114 | 39402000 |
| ACCESS | FUSELAGE.CENTER.ABOVE-WL200 | AIR | 17.6928 | 35.4008 | 100 | .16956 | 63 | 1198 | 39404000 |
| ACCESS | FUSELAGE.AFT.BELOW-WL200 | AIR | 70.7714 | 124.228 | 50 | .00478 | 63 | 1198 | 39406000 |
| ACCESS | FUSELAGE.AFT.BELOW-WL200 | AIR | 80 | 140.428 | 50 | .075 | 63 | 1114 | 39408000 |
| ADAPTER | FUEL-CONTROL | AIR | 1.467 | 7.57335 | 528 | .51361 | 65 | 1201 | 39410000 |
| BACKING | BRAKES | AIR | • | 32.8942 | 640 | .07 | 61 | 1080 | 39412000A |
| BAFFLE.TANK.INTEGRAL-TYPE | FUEL-SYSTEM | AIR | • | 4.53598 | 200 | .50763 | 65 | 1198 | 39414000 |
| BAFFLE.TANK.INTEGRAL-TYPE | FUEL-SYSTEM | AIR | • | 4.94672 | 400 | .46548 | 65 | 1198 | 39416000 |
| BAFFLE.TANK.INTEGRAL-TYPE | FUEL-SYSTEM | AIR | • | 3.39501 | 400 | .67823 | 65 | 1198 | 39418000 |
| BASE | ANTENNA-MAST.HF-COMMUNICATION-SYSTEM | AIR | • | 9.59344 | 200 | .23274 | 65 | 1198 | 39420000 |
| BASE | STRAIGHT-LINE-IND-FLIGHT-TRACK-NAV | AIR | • | 220.344 | 50 | .01049 | 63 | 1198 | 39422000 |
| BASE | ANTENNA-MAST.HF-COMMUNICATION-SYSTEM | AIR | • | 9.07177 | 100 | .25362 | 65 | 1198 | 39424000 |
| BASE | ANTENNA-MAST.VHF-COMMUNICATION-SYSTEM | AIR | • | 13.5798 | 100 | .16956 | 63 | 1198 | 39426000 |
| BUFFER.DOWN-STOP | DOOR.HYD.AFT-CARGO | AIR | 7.8796 | 30.6492 | 50 | .12691 | 65 | 1198 | 39428000 |
| BUFFER.DOWN-STOP | DOOR.HYD.AFT-CARGO | AIR | 11.3636 | 44.2011 | 102 | .086 | 63 | 1114 | 39430000 |
| BUFFER.DOWN-STOP | DOOR.HYD.AFT-CARGO | AIR | 11.7952 | 45.8799 | 50 | .08478 | 63 | 1198 | 39432000 |
| BUFFER.DOWN-STOP | DOOR.HYD.AFT-CARGO | AIR | 13.3333 | 51.8626 | 50 | .075 | 63 | 1114 | 39434000 |
| BUMPER | DOOR.MLG.INBOARD | AIR | • | 15.5245 | 288 | .14832 | 65 | 1227 | 39436000 |
| BUMPER | DOOR.MAIN-LANDING-GEAR.INBOARD | AIR | • | 9.32982 | 456 | .2468 | 66 | 1250 | 39438000 |
| COVER.ACCESS | DOOR.MECHANICAL-PERSONNEL.CARGO-COMP | AIR | • | 23.2868 | 192 | .09888 | 65 | 1227 | 39440000 |
| COVER.ACCESS | DOOR.MECHANICAL.PERSONNEL. CARGO-COMPARTMENT | AIR | • | 13.9975 | 304 | .1645 | 66 | 1250 | 39442000 |
| COVER.ACCESS | TAIL-BOOM.W/HARDWARE | HELI | 8.25423 | 21.9657 | 280 | .2423 | 66 | 1257 | 39444000 |
| COVER.AIR-INLET-DUCT-HOLES | | AIR | • | 1466.62 | | .00157 | 63 | 1123 | 39446000 |
| GUIDE | CHANNEL.CLEAR-VISION-WINDSHIELD | AIR | • | 27.9917 | 152 | .08226 | 66 | 1250 | 39448000A |
| ORIFICE | PURGE-SYSTEM.FUEL | AIR | • | 6.78992 | 200 | .33912 | 63 | 1198 | 39450000 |
| PRESSURE | BRAKES | AIR | • | 32.8942 | 640 | .07 | 61 | 1080 | 39457000A |
| SEAL.HYDRAULIC | PROPELLOR-ASSEMBLY | AIR | 36.5214 | 50.7134 | 400 | .46548 | 65 | 1198 | 39454000 |
| STOP | CANOPY-JETTISON.STUDENT | AIR | • | 20.1505 | 473 | .11427 | 65 | 1228 | 39456000 |
| STOP | CANOPY-JETTISON.INSTRUCTOR | AIR | • | 20.1505 | 473 | .11427 | 65 | 1228 | 39458000 |
| STOP | CANOPY-JETTISON.INSTRUCTOR | AIR | 1.93091 | 7.51066 | 597 | .51789 | 67 | 1272 | 39460000 |
| STOP | CANOPY-JETTISON.STUDENT | AIR | 1.93091 | 7.51056 | 597 | .51789 | 67 | 1272 | 39462000 |
| STRIKER | DOOR.MAIN-LANDING-GEAR.OUTBOARD | AIR | 3.9398 | 15.3246 | 100 | .25382 | 65 | 1198 | 39464000 |
| STRIKER | DOOR.MAIN-LANDING-GEAR.OUTBOARD | AIR | 5.68101 | 22.1005 | 207 | .176 | 63 | 1114 | 39466000 |
| STRIKER | LATCH.DOOR.HYDRAULIC.FWD-CARGO | AIR | 12.5944 | 48.9886 | 400 | .0794 | 65 | 1198 | 39468000 |
| STRIKER | LATCH.DOOR.HYDRAULIC.FWD-CARGO | AIR | 16.129 | 62.737 | 272 | .062 | 63 | 1114 | 39470000 |
| STRIKER | DOOR.MAIN-LANDING-GEAR.OUTBOARD | AIR | 165.133 | 212.785 | 100 | .16956 | 63 | 1198 | 39472000 |
| STRIKER | DOOR.MAIN-LANDING-GEAR.OUTBOARD | AIR | 167.785 | 219.538 | 100 | .149 | 63 | 1114 | 39474000 |
| SWASH.W/SUPPORT-HARDWARE | MAIN-ROTOR | HELI | 394.632 | 732.02 | 40 | .01267 | 66 | 1257 | 39476000 |
| SWASH.W/SUPPORT-HARDWARE | MAIN-ROTOR | HELI | 882.372 | 1548.83 | 20 | .0068 | 66 | 1257 | 39478000 |
| SWASH.W/SUPPORT-HARDWARE | MAIN-ROTOR | HELI | 1156.06 | 1427.36 | 60 | .0346 | 66 | 1257 | 39480000 |
| SWASH.W/SUPPORT-HARDWARE | MAIN-ROTOR | HELI | 4259.25 | 5639.5 | 20 | .0054 | 66 | 1257 | 39482000 |

PART CLASS 575 PUMPS AND HYDRAULIC MOTORS

| PART DESCRIPTION .00 N.O.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| | | AIR | * | 40.3964 | | .057 | 61 | 1084 | 39484000 |
| | PUMP,SUCTION-BOOST,ELECTRIC, NO-2-HYDRAULIC-SYSTEM | AIR | * | 55.9834 | 76 | .04115 | 66 | 1250 | 39484000 |
| | PUMP,SUCTION,NO-1-HYDRAULIC-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 39483000 |
| | HYDRAULIC-PUMP, PRESSURE-SUPPLY-SYSTEM | AIR | * | 96.4641 | 62 | .02387 | 63 | 1111 | 39490000 |
| | HYDRAULIC-PUMP,STANDBY, PRESSURE-SUPPLY | AIR | * | 48.2219 | 124 | .04775 | 63 | 1111 | 39492000 |
| | WING-FLAP | AIR | * | | | | | | |
| | PUMP,ELECT,NO-3-HYDRAULIC-SYSTEM | AIR | * | 32.3853 | 126 | .0711 | 64 | 1144 | 39494000 |
| | | LAB | 4.5 | 27.9917 | 152 | .08226 | 64 | 1250 | 394980004 |
| | PITCH-TRIM-ACTUATOR | AIR | | | | | 63 | 1138 | 39498000 |
| | EMERGENCY-POWER-SYSTEM | AIR | 24.3131 | 94.5708 | 76 | .04113 | 64 | 1250 | 395000004 |
| | WING-FLAP-SYSTEM | AIR | 24.3131 | 94.5708 | 76 | .04113 | 64 | 1250 | 395020004 |
| | EMERGENCY-POWER-SYSTEM | AIR | 36.4697 | 81.2156 | 152 | .08226 | 66 | 1250 | 395040004 |
| | HORIZONTAL-STABILIZATION | AIR | 40.453 | 197.35 | 48 | .02472 | 65 | 1227 | 39506000 |
| | LANDING-GEAR,MAIN | AIR | 67.3034 | 87.2087 | | .38631 | 65 | 1196 | 39508000 |
| | PITCH-TRIM-ACTUATOR | AIR | 80.5369 | 119.339 | 100 | .149 | 63 | 1114 | 39510000 |
| | LANDING-GEAR,MAIN | AIR | 80.9061 | 215.303 | 48 | .02472 | 65 | 1227 | 39512000 |
| | AZIMUTH,GUN-TURRET,FIRE-CONTROL | AIR | 82.5666 | 118.707 | 100 | .16936 | 63 | 1198 | 39514000 |
| | PUMP,SUCTION-BOOST, NO-2-HYDRAULIC-SYSTEM | AIR | 83.752 | 329.77 | 31 | .01194 | 63 | 1111 | 39516000 |
| | WING-FLAP-SYSTEM | AIR | 97.2526 | 194.348 | 76 | .04113 | 66 | 1250 | 39518000 |
| | | AIR | 121.396 | 270.258 | 48 | .02472 | 65 | 1227 | 39520000 |
| | ELEVATION,GUN-TURRET,FIRE-CONTROL | AIR | 142.857 | 285.483 | | .028 | 61 | 1082 | 39522000 |
| | LANDING-GEAR,MAIN | AIR | 167.504 | 445.753 | 31 | .01194 | 63 | 1111 | 39524000 |
| | LANDING-GEAR,MAIN | AIR | 170.454 | 217.699 | 204 | .176 | 63 | 1114 | 39526000 |
| | | AIR | 185.17 | 224.826 | 100 | .25382 | 65 | 1198 | 39528000 |
| | | AIR | 185.408P | 221.027P | | .307439 | 66 | 2392 | 395300004 |
| | | AIR | 200 | | | | 61 | 1068 | 39532000 |
| | STABILIZER-CONTROL | AIR | 251.361 | 441.227 | 62 | .02387 | 63 | 1111 | 39534000 |
| | LANDING-GEAR,MAIN | AIR | 253.501 | 301.269 | 200 | .23274 | 65 | 1198 | 39536000 |
| | LANDING-GEAR,MAIN | AIR | 258.064 | 419.183 | 136 | .031 | 63 | 1114 | 39538000 |
| | | AIR | 267.667P | 292.249P | | .82365P | 66 | 2392 | 395400004 |
| | AC-POWER,EMERGENCY | AIR | 380 | 568.24 | 320 | .025 | 61 | 1080 | 39542000 |
| | | AIR | 446.095P | 786.564P | | .013399P | 66 | 2392 | 395440004 |
| | FLIGHT-INSTRUMENT-SYSTEM | AIR | 1200 | 2106.42 | 16 | .005 | 59 | 1110 | 39544000 |
| | BULKHEAD-GEARBOX,CONTROL-SYSTEM | GRD | 1304.84 | 2904.69 | | .0023 | 62 | 1135 | 39546000 |
| | GEARCASE,STEER,NOSE-LANDING-GEAR, ANTI-SHIMMY | AIR | 1305.95 | 1398.65 | | .27566 | 66 | 1241 | 39550000 |
| | | AIR | 1367.23P | 1546.4P | | .08338P | 66 | 2392 | 395520004 |
| DRIVE | GEAR-DRIVE,INBOARD-AILERON | GRD | 1739.13 | 3475.45 | | .0023 | 62 | 1135 | 39554000 |
| DRIVE | WING-FLAP-ASSEMBLY | AIR | 11.7952 | 45.8799 | 50 | .08478 | 63 | 1198 | 39556000 |
| DRIVE | WING-FLAP-ASSEMBLY | AIR | 13.3333 | 51.8626 | 50 | .075 | 63 | 1114 | 39558000 |
| DRIVE | WING-FLAP-ASSEMBLY | AIR | 165.471 | 222.081 | 50 | .12691 | 65 | 1198 | 39560000 |
| | | AIR | 238.636 | 320.276 | 102 | .088 | 63 | 1114 | 39562000 |

PART CLASS 575 PUMPS AND HYDRAULIC MOTORS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| DRIVE | WING-FLAP-ASSEMBLY | AIR | 283.578 | 357.944 | 100 | .11837 | 65 | 1198 | 39564000 |
| DRIVE | WING-FLAP-ASSEMBLY | AIR | 466.666 | 784.726 | 65 | .015 | 65 | 1114 | 39566000 |
| EMERGENCY-FIREWALL-SHUTOFF | HYDRAULIC-POWER.880 | AIR | 40P | | | | 66 | 2365 | 39568000 |
| FUEL-BOOST | FUEL.707-131B | AIR | 20P | | | | 66 | 2364 | 39570000 |
| FUEL-BOOST | FUEL.707-331B | AIR | 20P | | | | 66 | 2364 | 39572000 |
| FUEL-BOOST | FUEL.707-131B | AIR | 20P | | | | 65 | 2364 | 39574000 |
| FUEL-BOOST | FUEL.707-131 | AIR | 30P | | | | 66 | 2364 | 39576000 |
| FUEL-BOOST | FUEL.707-131 | AIR | 50P | | | | 65 | 2364 | 39578000 |
| FUEL-BOOST | FUEL.707-131 | AIR | 30P | | | | 66 | 2364 | 39580000 |
| FUEL-BOOST | FUEL.707-131B | AIR | 70P | | | | 66 | 2364 | 39582000 |
| FUEL-BOOST | FUEL.707-331B | AIR | 70P | | | | 66 | 2364 | 39584000 |
| FUEL-BOOST | FUEL.707-331 | AIR | 80P | | | | 66 | 2364 | 39586000 |
| MOTOR.FLAP-DRIVE | FLIGHT-CONTROLS.707-331 | AIR | 150P | | | | 65 | 2364 | 39588000 |
| MOTOR.FLAP-DRIVE | FLIGHT-CONTROLS.707-331 | AIR | 170P | | | | 66 | 2364 | 39590000 |
| MOTOR.FLAP-DRIVE | FLIGHT-CONTROLS.707-131 | AIR | 270P | | | | 65 | 2364 | 39592000 |
| MOTOR-HYDRAULIC-BOOST-PUMP | HYDRAULIC-POWER.880 | AIR | 80P | | | | 66 | 2365 | 39594000 |
| MOTOR-HYDRAULIC-BOOST-PUMP | HYDRAULIC-POWER.880 | AIR | 150P | | | | 66 | 2365 | 39596000 |
| MOTORS.HYDRAULIC | | AIR | 144.7 | | | | 57 | 211 | 39598000 |
| PISTON.FIXED-ANGLE | (STORAGE) | GRD | 0 | 15.4619 | 1 | .14892 | 64 | 1191 | 39600000 |
| PISTON-TYPE | FLAP-DRIVER-ASSEMBLY | AIR | 1.23P | | | | 65 | 2590 | 39602000 |
| PISTON-TYPE | | AIR | 1.46P | | | | 65 | 2590 | 39604000 |
| PISTON-TYPE | FLAP-DRIVER-ASSEMBLY | AIR | 1.68P | | | | 65 | 2590 | 39606000 |
| PISTON-TYPE | | AIR | 1.87P | | | | 65 | 2590 | 39608000 |
| PISTON-TYPE | | AIR | 2.27P | | | | 65 | 2590 | 39610000 |
| PISTON-TYPE | | AIR | 2.67P | | | | 65 | 2590 | 39612000 |
| PUMP. ENGINE-DRIVEN-HYDRAULIC | | AIR | 1751.48 | 1851.95 | | .216 | 65 | 2107 | 39614000 |
| PUMP.AIR-COMP-PSGR-WATER | WATER/WASTE.727 | AIR | 200P | | | | 66 | 2365 | 39616000 |
| PUMP.AIR-COMP-PSGR-WATER | WATER/WASTE.727 | AIR | 210P | | | | 66 | 2365 | 39618000 |
| PUMP.AIR-COMP-PSGR-WATER | WATER/WASTE.727 | AIR | 300P | | | | 65 | 2363 | 39620000 |
| PUMP.AIR-COMP-PSGR-WATER | WATER/WASTE.338C/378C | AIR | 1000P | | | | 66 | 2365 | 39622000 |
| PUMP.AUXILIARY-HYDRAULIC | HYDRAULIC-POWER.707-131B | AIR | 70P | | | | 66 | 2364 | 39624000 |
| PUMP.AUXILIARY-HYDRAULIC | HYDRAULIC-POWER.707-331B | AIR | 100P | | | | 66 | 2364 | 39626000 |
| PUMP.AUXILIARY-HYDRAULIC | HYDRAULIC-POWER.707-331 | AIR | 170P | | | | 66 | 2364 | 39628000 |
| PUMP.AUXILIARY-HYDRAULIC | HYDRAULIC-POWER.707-131B | AIR | 270P | | | | 66 | 2364 | 39630000 |
| PUMP.AUXILIARY-HYDRAULIC | HYDRAULIC-POWER.707-331 | AIR | 310P | | | | 65 | 2364 | 39632000 |
| PUMP.AUXILIARY-HYDRAULIC | HYDRAULIC-POWER.707-331 | AIR | 310P | | | | 66 | 2364 | 39634000 |
| PUMP.AUXILIARY-HYDRAULIC | HYDRAULIC-POWER.707-331B | AIR | 340P | | | | 66 | 2364 | 39636000 |
| PUMP.AUXILIARY-HYDRAULIC | HYDRAULIC-POWER.707-131B | AIR | 420P | | | | 65 | 2364 | 39638000 |
| PUMP.AUXILIARY-HYDRAULIC | HYDRAULIC-POWER.707-131 | AIR | 570P | | | | 66 | 2364 | 39640000 |
| PUMP.AUXILIARY-HYDRAULIC | HYDRAULIC-POWER.707-131 | AIR | 680P | | | | 65 | 2364 | 39642000 |
| PUMP.AUXILIARY-HYDRAULIC | HYDRAULIC-POWER.707-131 | AIR | 780P | | | | 66 | 2364 | 39644000 |
| PUMP.AUXILIARY-HYDRAULIC-MOTOR-ONLY | HYDRAULIC-POWER.707-331B | AIR | 100P | | | | 66 | 2364 | 39646000 |
| PUMP.AUXILIARY-HYDRAULIC-MOTOR-ONLY | HYDRAULIC-POWER.707-131 | AIR | 110P | | | | 66 | 2364 | 39648000 |

PART CLASS 575 PUMPS AND HYDRAULIC MOTORS

| PART DESCRIPTION .00 N.S.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SINCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| PUMP.AUXILIARY-HYDRAULIC-MOTOR-ONLY | HYDRAULIC-POWER.707-331 | AIR | 110P | | | | 66 | 2364 | 39650000 |
| PUMP.AUXILIARY-HYDRAULIC-MOTOR-ONLY | HYDRAULIC-POWER.707-1318 | AIR | 200P | | | | 66 | 2364 | 39652000 |
| PUMP.AUXILIARY-HYDRAULIC-MOTOR-ONLY | HYDRAULIC-POWER.707-1318 | AIR | 200P | | | | 66 | 2364 | 39654000 |
| PUMP.AUXILIARY-HYDRAULIC-MOTOR-ONLY | HYDRAULIC-POWER.707-3318 | AIR | 260P | | | | 66 | 2364 | 39656000 |
| PUMP.AUXILIARY-HYDRAULIC-MOTOR-ONLY | HYDRAULIC-POWER.331C/373C | AIR | 280P | | | | 65 | 2363 | 39658000 |
| PUMP.AUXILIARY-HYDRAULIC-MOTOR-ONLY | HYDRAULIC-POWER.707-331 | AIR | 310P | | | | 65 | 2364 | 39660000 |
| PUMP.AUXILIARY-HYDRAULIC-MOTOR-ONLY | HYDRAULIC-POWER.707-131 | AIR | 410P | | | | 65 | 2364 | 39662000 |
| PUMP.AUXILIARY-HYDRAULIC-MOTOR-ONLY | HYDRAULIC-POWER.707-1318 | AIR | 420P | | | | 65 | 2364 | 39664000 |
| PUMP.AUXILIARY-HYDRAULIC-MOTOR-ONLY | HYDRAULIC-POWER.331C/373C | AIR | 1080P | | | | 66 | 2363 | 39666000 |
| PUMP.BOOSTER-OVERRIDE | FUEL.707-1318 | AIR | 70P | | | | 65 | 2364 | 39668000 |
| PUMP.ENGINE.DRIVEN HYDRAULIC | DC8/B-720/727 | AIR | 391.088P | 464.963P | | .143199P | 66 | 2400 | 39670000 |
| PUMP.ENGINE-DRIVEN | ENGINE-FUEL-AND-CONTROL.707-331 | AIR | 80P | | | | 66 | 2362 | 39672000 |
| PUMP.ENGINE-FUEL | ENGINE-FUEL-AND-CONTROL.880 | AIR | 40P | | | | 65 | 2365 | 39674000 |
| PUMP.ENGINE-FUEL | ENGINE-FUEL-AND-CONTROL.880 | AIR | 40P | | | | 66 | 2365 | 39676000 |
| PUMP.ENGINE-OIL | ENGINE.707-131 | AIR | 80P | | | | 65 | 2362 | 39678000 |
| PUMP.FUEL-BOOST | | AIR | 200P | | | | 65 | 2330 | 39680000 |
| PUMP.FUEL-ENGINE-TWO-STAGE | ENGINE-FUEL-AND-CONTROL.707-1318 | AIR | 30P | | | | 66 | 2362 | 39682000 |
| PUMP.HYDRAULIC.BOOSTER | HYDRAULICS | MSL | 20000 | 77794 | 35 | .00005 | 61 | 2600 | 39684000 |
| PUMP.HYDRAULIC.SUSTAINER | HYDRAULICS | MSL | 16666.6 | 64826.3 | 24 | .00006 | 61 | 2600 | 39686000 |
| PUMP.HYDRAULIC-ENGINE-DRIVEN | HYDRAULIC-POWER.707-1318 | AIR | 200P | | | | 66 | 2364 | 39688000 |
| PUMP.HYDRAULIC-ENGINE-DRIVEN | HYDRAULIC-POWER.707-3318 | AIR | 210P | | | | 65 | 2364 | 39690000 |
| PUMP.HYDRAULIC-ENGINE-DRIVEN | HYDRAULIC-POWER.707-1318 | AIR | 210P | | | | 65 | 2364 | 39692000 |
| PUMP.HYDRAULIC-ENGINE-DRIVEN | HYDRAULIC-POWER.707-131 | AIR | 230P | | | | 66 | 2364 | 39694000 |
| PUMP.HYDRAULIC-ENGINE-DRIVEN | HYDRAULIC-POWER.707-331 | AIR | 310P | | | | 65 | 2364 | 39696000 |
| PUMP.HYDRAULIC-ENGINE-DRIVEN | HYDRAULIC-POWER.707-3318 | AIR | 420P | | | | 65 | 2364 | 39698000 |
| PUMP.HYDRAULIC-ENGINE-DRIVEN | HYDRAULIC-POWER.707-1318 | AIR | 470P | | | | 65 | 2364 | 39700000 |
| PUMP.HYDRAULIC-ENGINE-DRIVEN | HYDRAULIC-POWER.707-331 | AIR | 500P | | | | 66 | 2364 | 39702000 |

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y. NONELECTRONIC PART FAILURE RATE DATA JANUARY 1968
SECTION 1 FAILURE RATE DATA

PART CLASS 575 PUMPS AND HYDRAULIC MOTORS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| PUMP,HYDRAULIC-ENGINE-DRIVEN | HYDRAULIC-POWER.707-331B | AIR | 510P | | | | 66 | 2364 | 39704000 |
| PUMP,HYDRAULIC-ENGINE-DRIVEN | HYDRAULIC-POWER.707-131 | AIR | 670P | | | | 66 | 2364 | 39706000 |
| PUMP,HYDRAULIC-ENGINE-DRIVEN | HYDRAULIC-POWER.707-331B | AIR | 680P | | | | 66 | 2364 | 39708000 |
| PUMP,HYDRAULIC-ENGINE-DRIVEN | HYDRAULIC-POWER.707-331 | AIR | 1250P | | | | 66 | 2364 | 39710000 |
| PUMP.THRUST-REV | EXHAUST.880 | AIR | 80P | | | | 64 | 2363 | 39712000 |
| PUMP.THRUST-REV | EXHAUST.880 | AIR | 90P | | | | 65 | 2363 | 39714000 |
| PUMP.THRUST-REV | EXHAUST.880 | AIR | 190P | | | | 66 | 2363 | 39716000 |
| PUMP.THRUST-REVERSER | EXHAUST.880 | AIR | 80P | | | | 66 | 2363 | 39718000 |
| PUMP.THRUST-REVERSER | EXHAUST.880 | AIR | 120P | | | | 65 | 2363 | 39720000 |
| PUMP.THRUST-REVERSER | EXHAUST.880 | AIR | 280P | | | | 66 | 2363 | 39722000 |
| PUMP.TOILET-FLUSH | WATER/WASTE.707-131B | AIR | 30P | | | | 64 | 2362 | 39724000 |
| PUMP.TOILET-FLUSH | WATER/WASTE.707-131B | AIR | 30P | | | | 64 | 2362 | 39726000 |
| PUMP.TOILET-FLUSH | WATER/WASTE.707-331B | AIR | 60P | | | | 66 | 2362 | 39728000 |
| PUMP.TOILET-FLUSH | WATER/WASTE.707-131B | AIR | 160P | | | | 65 | 2362 | 39730000 |
| PUMP.WATER-GALLEY-373C | WATER/WASTE.707-331B | AIR | 60P | | | | 64 | 2362 | 39732000 |
| PUMP.WATER-GALLEY-373C | WATER/WASTE.707-131B | AIR | 70P | | | | 66 | 2362 | 39734000 |
| PUMP.WATER-GALLEY-373C | WATER/WASTE.707-331B | AIR | 130P | | | | 65 | 2362 | 39736000 |
| PUMP.WATER-GALLEY-373C | WATER/WASTE.707-331 | AIR | 170P | | | | 66 | 2362 | 39738000 |
| PUMP.WATER-GALLEY-373C | WATER/WASTE.707-131 | AIR | 250P | | | | 66 | 2362 | 39740000 |
| PUMP.WATER-GALLEY-373C | WATER/WASTE.707-131B | AIR | 290P | | | | 66 | 2362 | 39742000 |
| PUMP.WATER-GALLEY-373C | WATER/WASTE.707-131 | AIR | 290P | | | | 66 | 2362 | 39744000 |
| PUMP.WATER-GALLEY-373C | WATER/WASTE.707-131B | AIR | 320P | | | | 65 | 2362 | 39746000 |
| PUMP.WATER-GALLEY-373C | WATER/WASTE.707-131 | AIR | 380P | | | | 65 | 2362 | 39748000 |
| PUMP.WATER-GALLEY-373C | WATER/WASTE.707-331B | AIR | 500P | | | | 66 | 2362 | 39750000 |
| PUMP.WATER-GALLEY-373 | WATER/WASTE.707-331 | AIR | 510P | | | | 65 | 2362 | 39752000 |
| PUMP.WATER-GALLEY-373L | WATER/WASTE.707-331 | AIR | 620P | | | | 66 | 2362 | 39754000 |
| PUMP.WATER-INJECTION | WATER-INJECTION.707-131 | AIR | 80P | | | | 65 | 2362 | 39756000 |
| PUMP.WATER-INJECTION | WATER-INJECTION.707-331B | AIR | 140P | | | | 66 | 2362 | 39758000 |
| PUMP.WATER-INJECTION | WATER-INJECTION.707-131 | AIR | 300P | | | | 65 | 2362 | 39760000 |
| PUMP.WATER-INJECTION | WATER-INJECTION.707-131 | AIR | 460P | | | | 66 | 2362 | 39762000 |
| PUMP.WATER-INJECTION | WATER-INJECTION.707-131 | AIR | 490P | | | | 66 | 2362 | 39764000 |
| PUMP.WATER-INJECTION | WATER-INJECTION.707-131 | AIR | 490P | | | | 66 | 2362 | 39766000 |
| PUMP.WATER-INJECTION | WATER-INJECTION.707-131 | AIR | 570P | | | | 66 | 2362 | 39768000 |
| PUMP-AIR-COMP-PSGR-WAT | WATER-WASTE.727 | AIR | 240P | | | | 66 | 2363 | 39770000 |
| PUMP-AIR-COMP-PSGR-WAT | WATER-WASTE.727 | AIR | 680P | | | | 65 | 2363 | 39772000 |
| PUMP-AND-MOTOR-TOILET-FLUSH | WATER-WASTE.727 | AIR | 110P | | | | 65 | 2363 | 39774000 |
| PUMP-AND-MOTOR-TOILET-FLUSH | WATER-WASTE.727 | AIR | 160P | | | | 66 | 2363 | 39776000 |
| PUMP-AND-MOTOR-TOILET-FLUSH | WATER-WASTE.727 | AIR | 220P | | | | 66 | 2363 | 39778000 |
| PUMP-AUXILIARY--YDRAULIC | HYDRAULIC-POWER,731C/373C | AIR | 1000P | | | | 66 | 2363 | 39780000 |
| PUMP-AUXILIARY-HYDRAULIC | HYDRAULIC-POWER.880 | AIR | 150P | | | | 64 | 2363 | 39782000 |
| PUMP-AUXILIARY-HYDRAULIC | HYDRAULIC-POWER.880 | AIR | 160P | | | | 64 | 2363 | 39784000 |

PART CLASS 575 PUMPS AND HYDRAULIC MOTORS

| PART DESCRIPTION .60 M.B.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF | NO |
|---|---|---|---|---|---|---|---|---|---|---|
| PUMP-AUXILIARY-HYDRAULIC | HYDRAULIC-POWER.880 | AIR | 170P | | | | 66 | 2363 | 39784000 | |
| PUMP-AUXILIARY-HYDRAULIC | HYDRAULIC-POWER.331C/373C | AIR | 253P | | | | 66 | 2363 | 39788000 | |
| PUMP-AUXILIARY-HYDRAULIC | HYDRAULIC-POWER.331C/373C | AIR | 280P | | | | 65 | 2363 | 39790000 | |
| PUMP-BOOSTER-OVERRIDE. | FUEL.331C/373C | AIR | 1000P | | | | 66 | 2363 | 39792000 | |
| PUMP-ENGINE-ATL | ENGINE.707-1318 | AIR | 50P | | | | 66 | 2363 | 39794000 | |
| PUMP-FUEL-BOOST | FUEL.727 | AIR | 30P | | | | 66 | 2363 | 39796000 | |
| PUMP-FUEL-BOOST | FUEL.727 | AIR | 80P | | | | 66 | 2363 | 39798000 | |
| PUMP-FUEL-BOOST | FUEL.727 | AIR | 80P | | | | 66 | 2363 | 39798000 | |
| PUMP-FUEL-BOOST | FUEL.331C/373C | AIR | 80P | | | | 65 | 2363 | 39800000 | |
| PUMP-FUEL-BOOST | FUEL.727 | AIR | 130P | | | | 65 | 2363 | 39802000 | |
| PUMP-FUEL-BOOST | FUEL.331C/373C | AIR | 150P | | | | 66 | 2363 | 39804000 | |
| PUMP-FUEL-BOOST | FUEL.727 | AIR | 190P | | | | 66 | 2363 | 39806000 | |
| PUMP-FUEL-BOOST-AND TRANSFER | FUEL.880 | AIR | 1110P | | | | 66 | 2363 | 39808000 | |
| PUMP-FUEL-BOOST-AND-TRANSFER | FUEL.880 | AIR | 180P | | | | 66 | 2363 | 39810000 | |
| PUMP-FUEL-BOOST-AND-TRANSFER | FUEL.880 | AIR | 170P | | | | 65 | 2363 | 39812000 | |
| PUMP-FUEL-ENGINE | | AIR | 300P | | | | 66 | 2363 | 39814000 | |
| PUMP-FUEL-ENGINE-DR | ENGINE-FUEL-AND-CONTROL.707-131 | AIR | 2000P | | | | 66 | 2363 | 39816000 | |
| PUMP-FUEL-ENGINE-DR | ENGINE-FUEL-AND-CONTROL.707-131 | AIR | 60P | | | | 65 | 2330 | 39818000 | |
| PUMP-FUEL-ENGINE-TWO-STAGE | ENGINE-FUEL-AND-CONTROL.707-1318 | AIR | 70P | | | | 64 | 2364 | 39820000 | |
| PUMP-FUEL-ENGINE-TWO-STAGE | ENGINE-FUEL-AND-CONTROL.707-1318 | AIR | 30P | | | | 65 | 2364 | 39822000 | |
| PUMP-HYDRAULIC-CARGO-DR | HYDRAULIC-POWER.331C/373C | AIR | 110P | | | | 66 | 2364 | 39824000 | |
| PUMP-HYDRAULIC-ELEC-SYSTEM-B | HYDRAULIC-POWER.727 | AIR | 1020P | | | | 65 | 2364 | 39826000 | |
| PUMP-HYDRAULIC-ELEC-SYSTEM-B | HYDRAULIC-POWER.727 | AIR | 120P | | | | 66 | 2363 | 39828000 | |
| PUMP-HYDRAULIC-ELEC-SYSTEM-B | HYDRAULIC-POWER.727 | AIR | 330P | | | | 66 | 2363 | 39830000 | |
| PUMP-HYDRAULIC-ELECTRIC-SYSTEM-B | HYDRAULIC-POWER.727 | AIR | 340P | | | | 66 | 2363 | 39832000 | |
| PUMP-HYDRAULIC-ELECTRIC-SYSTEM-B | HYDRAULIC-POWER.727 | AIR | 150P | | | | 65 | 2363 | 39834000 | |
| PUMP-HYDRAULIC-ENGINE-DRIVEN | HYDRAULIC-POWER.880 | AIR | 210P | | | | 65 | 2363 | 39836000 | |
| PUMP-HYDRAULIC-ENGINE-DRIVEN | HYDRAULIC-POWER.331C/373C | AIR | 40P | | | | 66 | 2363 | 39838000 | |
| PUMP-HYDRAULIC-ENGINE-DRIVEN | HYDRAULIC-POWER.880 | AIR | 240P | | | | 64 | 2363 | 39840000 | |
| PUMP-HYDRAULIC-ENGINE-DRIVEN | HYDRAULIC-POWER.331C/373C | AIR | 250P | | | | 65 | 2363 | 39842000 | |
| PUMP-HYDRAULIC-ENGINE-DRIVEN | HYDRAULIC-POWER.727 | AIR | 300P | | | | 66 | 2363 | 39844000 | |
| | | | | | | | 65 | 2363 | 39846000 | |

PART CLASS 575 PUMPS AND HYDRAULIC MOTORS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| PUMP-HYDRAULIC-ENGINE-DRIVEN | HYDRAULIC-POWER.727 | AIR | 320P | | | | 69 | 2365 | 39920000 |
| PUMP-HYDRAULIC-ENGINE-DRIVEN | HYDRAULIC-POWER.727 | AIR | 350P | | | | 66 | 2363 | 39852000 |
| PUMP-HYDRAULIC-ENGINE-DRIVEN | HYDRAULIC-POWER.727 | AIR | 400P | | | | 64 | 2365 | 39854000 |
| PUMP-HYDRAULIC-ENGINE-DRIVEN | HYDRAULIC-POWER.880 | AIR | 410P | | | | 65 | 2363 | 39856000 |
| PUMP-HYDRAULIC-ENGINE-DRIVEN | HYDRAULIC-POWER.880 | AIR | 430P | | | | 66 | 2365 | 39858000 |
| PUMP-HYDRAULIC-ENGINE-DRIVEN | HYDRAULIC-POWER.331C/373C | AIR | 540P | | | | 66 | 2363 | 39860000 |
| PUMP-HYDRAULIC-ENGINE-DRIVEN | HYDRAULIC-POWER.727 | AIR | 680P | | | | 65 | 2363 | 39862000 |
| PUMP-HYDRAULIC-ENGINE-DRIVEN | HYDRAULIC-POWER.331C/373C | AIR | 760P | | | | 66 | 2365 | 39864000 |
| PUMP-HYDRAULIC-ENGINE-DRIVEN | HYDRAULIC-POWER.880 | AIR | 760P | | | | 66 | 2365 | 39866000 |
| PUMP-HYDRAULIC-ENGINE-DRIVEN | HYDRAULIC-POWER.880 | AIR | 760P | | | | 66 | 2363 | 39868000 |
| PUMP-HYDRAULIC-PR-FILL | HYDRAULIC-POWER.727 | AIR | 340P | | | | 65 | 2363 | 39870000 |
| PUMP-WATER-INSECTION | WATER-INJECTION-707-131 | AIR | 110P | | | | 66 | 2364 | 39872000 |
| PUMP-WATER-INSECTION | WATER-INJECTION-707-131 | AIR | 270P | | | | 65 | 2364 | 39874000 |
| PUMP-WATER-INSECTION | WATER-INJECTION-707-131 | AIR | 450P | | | | 66 | 2364 | 39876000 |
| PUMP-WATER-INSECTION | WATER-INJECTION-707-131 | AIR | 650P | | | | 66 | 2364 | 39878000 |
| PUMP-WATER-INSECTION | WATER-INJECTION-707-131 | AIR | 480P | | | | 65 | 2364 | 39880000 |
| PUMP-WM | | AIR | 100P | | | | 65 | 2350 | 39882000 |
| PUMPS | MANIFOLD.SINGLE-POINT-REFUELING-SYS | AIR | * | 93.1472 | 46 | .02472 | 65 | 1227 | 39884000 |
| PUMPS | OIL-SYSTEM.ENGINE | AIR | * | 24.1109 | 248 | .0955 | 63 | 1111 | 39886000 |
| PUMPS | UTILITY-SYSTEM.HYDRAULIC-POWER-SUPPLY | AIR | * | 20.1905 | 473 | .11427 | 65 | 1228 | 39888000 |
| PUMPS | UTILITY-SYSTEM.HYDRAULIC-POWER-SUPPLY | AIR | * | 26.2673 | 406 | .08764 | 64 | 1179 | 39890000 |
| PUMPS | | MSL | * | 2302.6 | | .001 | 57 | 242 | 39892000 |
| PUMPS | FUEL-SYSTEM | AIR | 2.00351 | 4.00779 | 1716 | 1.9945 | 65 | 1201 | 39894000 |
| PUMPS | FUEL-SYSTEM.TURBOPROP-PWR-PLT | AIR | 2.14832 | 8.35632 | 400 | .46548 | 65 | 1198 | 39896000 |
| PUMPS | JETTISON.FUEL-SYSTEM | AIR | 2.83286 | 11.0189 | 400 | .353 | 63 | 1114 | 39898000 |
| PUMPS | JETTISON.FUEL-SYSTEM | AIR | 4.29664 | 11.434 | 400 | .46548 | 65 | 1198 | 39900000 |
| PUMPS | | | 4.5335 | 12.0643 | | .44116 | 64 | 2232 | 39902000 |
| PUMPS | | | 6.70803 | 17.851 | | .29815 | 61 | 2232 | 39904000 |
| PUMPS | JETTISON.FUEL-SYSTEM | AIR | 9.84969 | 18.2705 | 200 | .50763 | 65 | 1198 | 39906000 |
| PUMPS | | | 10.4951 | 15.8364 | | 1.0481 | 61 | 2232 | 39908000 |
| PUMPS | FUEL-SYSTEM | AIR | 11.682 | 20.506 | 528 | .51361 | 65 | 1201 | 39910000 |
| PUMPS | | GRD | 13.5 | | | | 63 | 1138 | 39912000 |
| PUMPS | FUEL-SYSTEM.TURBOPROP-PWR-PLT | AIR | 13.7895 | 23.1879 | 200 | .50763 | 65 | 1198 | 39914000 |

PART CLASS SYS PUMPS AND HYDRAULIC MOTORS

| PART DESCRIPTION .00 N.O.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| PUMPS | FUEL-SYSTEM.TURBOPROP-PWR-PLT | AIR | 16.8971 | 29.8594 | 488 | .599 | 63 | 1114 | 39916000 |
| PUMPS | RESERVOIR.PROPELLER | AIR | 96.7536 | 220.794 | 64 | .01762 | 65 | 1201 | 39918000 |
| PUMPS | | GRD | 98.8235 | 220.665 | 9 | .019 | 65 | 1193 | 39920000 |
| PUMPS | FUEL-SYSTEM.TURBOPROP-PWR-PLT | AIR | 117.056 | 146.727 | 200 | .299 | 63 | 1114 | 39922000 |
| PUMPS | FUEL-SYSTEM.TURBOPROP-PWR-PLT | AIR | 117.952 | 145.642 | 200 | .33912 | 63 | 1198 | 39924000 |
| PUMPS | FEATHERING.PROPELLOR.POWER-PLANT | AIR | 142.099 | 203.137 | 126 | .21597 | 65 | 1193 | 39926000 |
| PUMPS | MANIFOLD. SINGLE-POINT-REFUELING-SYSTEM | AIR | 190.142 | 286.181 | 76 | .04113 | 66 | 1250 | 39928000A |
| PUMPS | | MSL | 200 | | | | 58 | 212 | 39930000 |
| PUMPS | | HELI | 214.263 | 300.196 | 150 | .03267 | 63 | 1114 | 39932000 |
| PUMPS | RADAR-PRESSURIZATION.AN/ASQ-70 | AIR | 218.818 | 345.192 | 76 | .04113 | 66 | 1250 | 39934000A |
| PUMPS | | AIR GRD | 250 | | | | 61 | 212 | 39936000 |
| PUMPS | MAIN.CAMERA-VACUUM-SYSTEM | AIR | 287.172 | 493.284 | 150 | .03134 | 63 | 1198 | 39938000 |
| PUMPS | RADAR-PRESSURIZATION.AN/ASQ-70 | AIR | 444.983 | 671,444 | 48 | .02472 | 65 | 1227 | 39940000 |
| PUMPS | COMPRESSOR | AIR | 447.368 | 950.65 | | .114 | 61 | 1084 | 39942000 |
| PUMPS | | AIR SHP GRD | 940.345 | 991.428 | | .437 | 57 | 212 | 39944000 |
| PUMPS | FLIGHT-SYSTEM.HYDRAULIC-POWER-SUPPLY | AIR | 1005.87 | 1159.41 | 486 | .08746 | 64 | 1179 | 39946000 |
| PUMPS | FLIGHT-SYSTEM.HYDRAULIC-POWER-SUPPLY | AIR | 1005.14 | 1221.01 | 473 | .11427 | 65 | 1228 | 39948000 |
| PUMPS | | HELI | 1442.53 | 1971.86 | 150 | .00134 | 63 | 1118 | 39950000 |
| PUMPS | COMPRESSOR | AIR | 2143.65 | 5041.77 | | .007 | 61 | 1082 | 39952000 |
| PUMPS | FLIGHT-SYSTEM.HYDRAULIC-POWER-SUPPLY | AIR | 2631.83 | 2721.18 | 507 | .51789 | 67 | 1272 | 39954000A |
| PUMPS. ENGINE-DRIVEN-HYDRAULIC | | AIR | 4473.68 | 4676.89 | | .190 | 63 | 2121 | 39956000 |
| PUMPS. MOTOR-DRIVEN-HYDRAULIC | | AIR | 2493.53 | 2547.18 | | .538 | 63 | 2113 | 39958000 |
| PUMPS.AIR-TURBINE-MOTOR-DRIVEN | HYDRAULIC-POWER-SUPPLY | AIR | 813.933 | 963.746 | 50 | .075 | 63 | 1114 | 39960000 |
| PUMPS.AIR-TURBINE-MOTOR-DRIVEN | HYDRAULIC-POWER-SUPPLY | AIR | 825.666 | 967.891 | 50 | .68478 | 63 | 1198 | 39962000 |
| PUMPS.AUXILIARY.AUXILIARY- | HYDRAULIC-POWER.707-1318 | AIR | 230P | | | | 66 | 2362 | 39964000 |
| PUMPS.AUXILIARY.HYDRAULIC- | HYDRAULIC-POWER.707-1318 | AIR | 120P | | | | 66 | 2362 | 39966000 |
| PUMPS.AUXILIARY.HYDRAULIC- | HYDRAULIC-POWER.707-1318 | AIR | 160P | | | | 65 | 2362 | 39968000 |
| PUMPS.AUXILIARY.HYDRAULIC- | HYDRAULIC-POWER.707-3318 | AIR | 280P | | | | 64 | 2362 | 39970000 |
| PUMPS.AUXILIARY.HYDRAULIC- | HYDRAULIC-POWER.707-3318 | AIR | 290P | | | | 66 | 2362 | 39972000 |
| PUMPS.AUXILIARY.HYDRAULIC- | HYDRAULIC-POWER.707-1318 | AIR | 510P | | | | 66 | 2362 | 39974000 |
| MOTOR-ONLY | | AIR | 70P | | | | 64 | 2362 | 39976000 |
| PUMPS.AUXILIARY.HYDRAULIC-MOTOR-ONLY | HYDRAULIC-POWER.707-3318 | AIR | 140P | | | | 66 | 2362 | 39978000 |
| PUMPS.AUXILIARY.HYDRAULIC-MOTOR-ONLY | HYDRAULIC-POWER.707-3318 | AIR | 260P | | | | 65 | 2362 | 39980000 |
| PUMPS.AUXILIARY.HYDRAULIC-MOTOR-ONLY | HYDRAULIC-POWER.707-1318 | AIR | 320P | | | | 65 | 2362 | 39982000 |
| PUMPS.AUXILIARY.HYDRAULIC-MOTOR-ONLY | HYDRAULIC-POWER.707-3318 | AIR | 680P | | | | 66 | 2362 | 39984000 |

PART CLASS 575 PUMPS AND HYDRAULIC MOTORS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.E.C. | | | | | | | | | |
| PUMPS.AUXILIARY-HYDRAULIC | HYDRAULIC-POWER.707-1318 | AIR | 70P | | | | 65 | 2361 | 39986000 |
| PUMPS.AUXILIARY-HYDRAULIC | HYDRAULIC-POWER.707-3318 | AIR | 70P | | | | 66 | 2361 | 39988000 |
| PUMPS.AUXILIARY-HYDRAULIC | HYDRAULIC-POWER.707-331 | AIR | 130P | | | | 66 | 2361 | 39990000 |
| PUMPS.AUXILIARY-HYDRAULIC | HYDRAULIC-POWER.707-331 | AIR | 140P | | | | 66 | 2361 | 39992000 |
| PUMPS.AUXILIARY-HYDRAULIC | HYDRAULIC-POWER.880 | AIR | 140P | | | | 66 | 2360 | 39994000 |
| PUMPS.AUXILIARY-HYDRAULIC | HYDRAULIC-POWER.707-3318 | AIR | 210P | | | | 66 | 2361 | 39996000 |
| PUMPS.AUXILIARY-HYDRAULIC | HYDRAULIC-POWER.707-131 | AIR | 220P | | | | 66 | 2361 | 39998000 |
| PUMPS.AUXILIARY-HYDRAULIC | HYDRAULIC-POWER.707-1318 | AIR | 230P | | | | 66 | 2361 | 40000000 |
| PUMPS.AUXILIARY-HYDRAULIC | HYDRAULIC-POWER.707-131 | AIR | 230P | | | | 66 | 2361 | 40002000 |
| PUMPS.AUXILIARY-HYDRAULIC | HYDRAULIC-POWER.3310/3730 | AIR | 230P | | | | 65 | 2360 | 40004000 |
| PUMPS.AUXILIARY-HYDRAULIC | HYDRAULIC-POWER.3310/3730 | AIR | 250P | | | | 66 | 2360 | 40006000 |
| PUMPS.AUXILIARY-HYDRAULIC | | AIR | 289.962 | 322.038 | | .538 | 63 | 2113 | 40008000 |
| PUMPS.AUXILIARY-HYDRAULIC | HYDRAULIC-POWER.707-1318 | AIR | 480P | | | | 66 | 2361 | 40010000 |
| PUMPS.AUXILIARY-HYDRAULIC | HYDRAULIC-POWER.707-131 | AIR | 600P | | | | 65 | 2362 | 40012000 |
| PUMPS.AUXILIARY-HYDRAULIC | HYDRAULIC-POWER.707-331 | AIR | 640P | | | | 65 | 2361 | 40014000 |
| PUMPS.AUXILIARY-HYDRAULIC-MOTOR-ONLY | HYDRAULIC-POWER.707-1318 | AIR | 220P | | | | 66 | 2362 | 40016000 |
| PUMPS.AUXILIARY-HYDRAULIC-MOTOR-ONLY | HYDRAULIC-POWER.707-1318 | AIR | 230P | | | | 66 | 2362 | 40018000 |
| PUMPS.AUXILIARY-HYDRAULIC-MOTOR-ONLY | HYDRAULIC-POWER.707-1318 | AIR | 600P | | | | 65 | 2362 | 40020000 |
| PUMPS.BOOSTER | TM2.GR-TRAIN/M202-DRIVEN-TURBINE | GRD | * | 115190 | | .00002 | 64 | 1171 | 40022000 |
| PUMPS.BOOSTER | FUEL-SYSTEM | AIR | 29.488 | 45.4312 | 200 | .33912 | 63 | 1198 | 40024000 |
| PUMPS.BOOSTER | FUEL-SYSTEM | AIR | 33.4448 | 51.5272 | 200 | .299 | 63 | 1114 | 40026000 |
| PUMPS.BOOSTER | FUEL-SYSTEM | AIR | 48.387 | 107.754 | 272 | .062 | 63 | 1114 | 40028000 |
| PUMPS.BOOSTER | FUEL-SYSTEM | AIR | 51.5596 | 67.8515 | 400 | .46548 | 65 | 1198 | 40030000 |
| PUMPS.BOOSTER | EXTERNAL.DISTRIBUTION.FUEL-SYSTEM | AIR | 64.5161 | 171.687 | 136 | .031 | 63 | 1114 | 40032000 |
| PUMPS.BOOSTER | FUEL-SYSTEM | AIR | 72.3803 | 85.3895 | 1194 | 1.0357 | 67 | 1272 | 40034000 |
| PUMPS.BOOSTER | FUEL-SYSTEM | AIR | 74.3852 | 103.29 | 946 | .22854 | 65 | 1228 | 40036000 |
| PUMPS.BOOSTER | FUEL-SYSTEM | AIR | 82.1529 | 105.378 | 408 | .353 | 63 | 1114 | 40038000 |
| PUMPS.BOOSTER | FUEL-SYSTEM | AIR | 91.2616 | 126.06 | 812 | .17532 | 64 | 1179 | 40040000 |
| PUMPS.BOOSTER | AUXILIARY.FUEL-SYSTEM | AIR | 96.7741 | 215.509 | 136 | .031 | 63 | 1114 | 40042000 |
| PUMPS.BOOSTER | EXTERNAL.DISTRIBUTION.FUEL-SYSTEM | AIR | 98.3227 | 130.846 | 200 | .23274 | 65 | 1193 | 40044000 |
| PUMPS.BOOSTER | FUEL-SYSTEM | AIR | 116.226 | 138.125 | 200 | .90763 | 65 | 1198 | 40046000 |
| PUMPS.BOOSTER | AUXILIARY.FUEL-SYSTEM | AIR | 161.073 | 211.97 | 100 | .149 | 63 | 1114 | 40048000 |
| PUMPS.BOOSTER | PYLON-TANK.FUEL-SYSTEM | GRD | 176.928 | 225.967 | 100 | .16956 | 63 | 1198 | 40050000 |
| PUMPS.BOOSTER | GTC.AUX-POWER-PLANT | AIR | 235.904 | 319.003 | 50 | .08478 | 63 | 1198 | 40052000 |
| PUMPS.BOOSTER | AUXILIARY.FUEL-SYSTEM | AIR | 240.611 | 287.292 | 200 | .23274 | 65 | 1198 | 40054000 |
| PUMPS.BOOSTER | GTC.AUX-POWER-PLANT | AIR | 253.333 | 345.367 | 50 | .075 | 63 | 1114 | 40056000 |
| PUMPS.BOOSTER | AUXILIARY.FUEL-SYSTEM | AIR | 255.681 | 311.806 | 204 | .176 | 63 | 1114 | 40058000 |
| PUMPS.BOOSTER | AUXILIARY.FUEL-SYSTEM | AIR | 338.822 | 390.619 | 100 | .25382 | 65 | 1196 | 40060000 |
| PUMPS.BOOSTER.FUEL | TANK.EMERGENCY | AIR | * | 230.26 | 50 | .01 | 61 | 1080 | 40062000A |
| PUMPS.BOOSTER.FUEL | | AIR | 13.5135 | 90.0936 | 1280 | .222 | 61 | 1080 | 40064000A |
| PUMPS.BOOSTER.FUEL | TURBO-ENGINE | AIR | 17.6429 | 27.1818 | 500 | .5668 | 64 | 1277 | 40066000 |
| PUMPS.BOOSTER.FUEL | | AIR | 19.4239 | 21.8043 | | 6.6413 | 65 | 1196 | 40068000 |

PART CLASS 575 PUMPS AND HYDRAULIC MOTORS

| PART DESCRIPTION .00 N.O.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| PUMPS.BOOSTER.FUEL | | AIR | 100.163 | 136.552 | 344 | .18969 | 64 | 1144 | 40070000 |
| PUMPS.BOOSTER.FUEL | POWER-PLANT | AIR | 532.401 | 601.93 | 126 | .21597 | 65 | 1155 | 40072000 |
| PUMPS.BOOSTER.FUEL | ENGINE | AIR | 621.621 | 823.062 | 128 | .837 | 59 | 1110 | 40074000 |
| PUMPS.BOOSTER.FUEL | | AIR | 1915.78 | 2110.91 | | .095 | 63 | 2120 | 40076000 |
| PUMPS.BOOSTER.FUEL. AIR-DRIVE | ENGINE | HELI | 173.41 | 304.395 | 48 | .0346 | 68 | 1257 | 40078000 |
| PUMPS.BOOSTER.FUEL. AIR-DRIVE | ENGINE | HELI | 394.632 | 732.02 | 40 | .01267 | 56 | 1257 | 40080000 |
| PUMPS.BOOSTER.FUEL.ELECTRIC | ENGINE | HELI | 73.5294 | 206.007 | 48 | .0136 | 64 | 1257 | 40082000 |
| PUMPS.BOOSTER.FUEL.ELECTRIC | ENGINE | HELI | 115.473 | 230.76 | 48 | .03464 | 66 | 1257 | 40084000 |
| PUMPS.BOOSTER.FUEL.ELECTRIC | ENGINE | HELI | 236.779 | 527.292 | 40 | .01267 | 66 | 1257 | 40086000 |
| PUMPS.BOOSTER.FUEL.ELECTRIC | ENGINE | HELI | 552.995 | 970.7 | 40 | .01085 | 66 | 1257 | 40088000 |
| PUMPS.BOOSTER.FUEL.MIL-P. 5238A.28VDC-600.PPH/7PSIG | ENGINE | HELI | 166.666 | 309.156 | 180 | .03 | 65 | 1215 | 40090000 |
| PUMPS.BOOSTER.FUEL.MOTOR-DRIVE | ENGINE | AIR | 127.583 | 151.397 | | .47028 | 66 | 1241 | 40092000 |
| PUMPS.BOOSTER.OIL | ENGINE | HELI | 28.9017 | 112.419 | 40 | .0346 | 66 | 1257 | 40094000 |
| PUMPS.BOOSTER.OIL | ENGINE | HELI | 185.185 | 720.314 | 20 | .0054 | 66 | 1257 | 40096000 |
| PUMPS.BOOSTER.OVERRIDE | FUEL.707-331B | AIR | 70P | | | | 65 | 2361 | 40098000 |
| PUMPS.BOOSTER.OVERRIDE | FUEL.707-131 | AIR | 130P | | | | 65 | 2361 | 40100000 |
| PUMPS.BOOSTER.SUCTION | ELECT.NO-1-HYDRAULIC-SYSTEM | AIR | 72.9394 | 162.431 | 76 | .04113 | 66 | 1250 | 40102000A |
| PUMPS.BOOSTER.SUCTION | NO-2-HYDRAULIC-SYSTEM | AIR | 121.565 | 225.497 | 76 | .04113 | 66 | 1250 | 40104000A |
| PUMPS.BOOSTER.SUCTION | NO-2-HYD-SYSTEM | AIR | 242.718 | 426.055 | 48 | .02472 | 65 | 1227 | 40106000 |
| PUMPS.BOOSTER.SUCTION.ELECT | NO-1-HYD-SYSTEM | GRD | * | 93.1472 | 48 | .02472 | 65 | 1227 | 40108000 |
| PUMPS.BOOSTER-OVERRIDE | FUEL.707-331B | AIR | 280P | | | | 66 | 2362 | 40110000 |
| PUMPS.BOOSTER/TRANSFER | ENGINE-FUEL-SYSTEM | AIR | 320 | 519.788 | 96 | .025 | 66 | 1225 | 40112000 |
| PUMPS.BRINE | | AIR | 2.464 | | | | 62 | 2232 | 40114000 |
| PUMPS.BRINE | | | 2.58317 | 4.79164 | | 1.9356 | 64 | 2232 | 40116000 |
| PUMPS.BRINE.HERMETIC | | | 2.70407 | 4.99232 | | 2.9585 | 62 | 2232 | 40118000 |
| PUMPS.CHARGE-SCAVENGE. CONSTANT-SPEED-DRIVE | | AIR | * | 65.7885 | 320 | .035 | 61 | 1080 | 40120000A |
| PUMPS.COOLING | TRANSMITTER.ALT-68 | AIR | 11.9674 | 31.8471 | 434 | .14712 | 63 | 1111 | 40122000 |
| PUMPS.COOLING.CONSTANT-SPEED-DRIVE | | AIR | * | 65.7885 | 320 | .035 | 61 | 1080 | 40124000A |
| PUMPS.DC.CLOSE-COUPLED | | | 3.37259 | 3.77112 | | 40.918 | 63 | 2232 | 40126000 |
| PUMPS.DESSICATOR | FIRE-CONTROL-SYSTEM | AIR | 167.504 | 445.723 | 31 | .01194 | 63 | 1111 | 40128000 |
| PUMPS.DISCHARGE-PRESSURE. GUAGE | | | * | 2.0314 | | 1.1335 | 64 | 2228 | 40130000 |
| PUMPS.DUAL-ELEMENT | FUEL-SYSTEM | AIR | 12.158 | 32.3544 | 304 | .1645 | 66 | 1250 | 40132000 |
| PUMPS.DUAL-ELEMENT | FUEL-SYSTEM | AIR | 40.453 | 80.8409 | 192 | .09888 | 65 | 1227 | 40134000 |
| PUMPS.ELECTRIC.MOTOR | HYDRAULIC.POWER.DC8-1/51 | AIR | 150 | | | | 66 | 2380 | 40136000 |
| PUMPS.ELECTRIC.MOTOR | HYDRAULIC.POWER.1-188 | AIR | 490 | | | | 66 | 2380 | 40138000 |
| PUMPS.ELECTRIC.MOTOR | HYDRAULIC.POWER.8-720 | AIR | 880 | | | | 66 | 2380 | 40140000 |
| PUMPS.ELECTRIC.MOTOR | HYDRAULIC.POWER.8727 | AIR | 1500 | | | | 66 | 2380 | 40142000 |
| PUMPS.ELECTRIC-DRIVEN | | AIR | 13.5 | | | | 63 | 1138 | 40144000 |

PART CLASS 575 PUMPS AND HYDRAULIC MOTORS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .CO N.O.C. | | | | | | | | | |
| PUMPS,ELECTRIC-DRIVEN | | AIR | 140.944 | 281.661 | 50 | .02838 | 64 | 1144 | 40146000A |
| PUMPS,ELECTRIC-DRIVEN | | LAB | 230.041 | 272.383 | | .26517 | 65 | 1188 | 40148000 |
| PUMPS,ELECTRIC-DRIVEN | NO-3-HYDRAULIC-SYSTEM | AIR | 522.732 | 640.481 | 152 | .08226 | 66 | 1250 | 40150000 |
| PUMPS,ELECTRIC-DRIVEN | NO-3-HYDRAULIC-SYSTEM | AIR | 607.329 | 779.026 | 124 | .04775 | 63 | 1111 | 40152000 |
| PUMPS,ELECTRIC-DRIVEN, STANDBY,HYDRAULIC-PRESS | | AIR | 161.812 | 323.363 | 48 | .02472 | 65 | 1227 | 40154000 |
| PUMPS,ELECTRIC-DRIVEN, SUCTION-BOOST | NO-2-HYD-SYSTEM | AIR | 13.5 | | | | 63 | 1138 | 40156000 |
| PUMPS,ELECTRIC-DRIVEN, SUCTION-BOOST | NO-2-HYDRAULIC-SYSTEM | AIR | 291.757 | 432.325 | 76 | .04113 | 66 | 1250 | 40158000A |
| PUMPS,ELECTRIC-DRIVEN,FUEL-TRANSFER | | AIR | 230.041 | 272.583 | | .26517 | 66 | 1241 | 40160000 |
| PUMPS,ELECTRIC-DRIVEN,FUEL-TRANSFER | | AIR | 647.249 | 820.039 | 96 | .04944 | 65 | 1227 | 40162000 |
| PUMPS,ELECTRICAL | AUXILIARY-HYDRAULIC-POWER-SUPPLY | AIR | 622.488 | 722.208 | 50 | .12691 | 65 | 1198 | 40164000 |
| PUMPS,ELECTRICAL | AUXILIARY-HYDRAULIC-POWER-SUPPLY | AIR | 693.181 | 821.375 | 102 | .088 | 63 | 1114 | 40166000 |
| PUMPS,ELECTRICAL | AUXILIARY-HYDRAULIC-POWER-SUPPLY | AIR | 833.548 | 952.835 | 100 | .11637 | 65 | 1198 | 40168000 |
| PUMPS,ELECTRICAL | AUXILIARY-HYDRAULIC-POWER-SUPPLY | AIR | 1133.33 | 1573.74 | 68 | .015 | 67 | 1114 | 40170000 |
| PUMPS,ENGINE,DRIVEN | HYDRAULIC,POWER,DCH-51 | AIR | 190 | | | | 66 | 2380 | 40172000 |
| PUMPS,ENGINE,DRIVEN | HYDRAULIC,POWER,DCH-21 | AIR | 270 | | | | 66 | 2380 | 40174000 |
| PUMPS,ENGINE,DRIVEN | HYDRAULIC,POWER,B777 | AIR | 280 | | | | 66 | 2380 | 40176000 |
| PUMPS,ENGINE,DRIVEN | HYDRAULIC,POWER,B-720 | AIR | 440 | | | | 66 | 2380 | 40178000 |
| PUMPS,ENGINE-DRAIN-FUEL | | AIR | 813.37 | 849.726 | | 1.077 | 63 | 2111 | 40180000 |
| PUMPS,ENGINE-DRAIN-FUEL | | AIR | 3452.63 | 3709.98 | | .095 | 63 | 2120 | 40182000 |
| PUMPS,ENGINE-DRIVE,VACUUM | | AIR GND | 100 | | | | 61 | 212 | 40184000 |
| PUMPS,ENGINE-DRIVEN | NO-2-HYDRAULIC-SYSTEM | AIR | 48.6263 | 97.1742 | 132 | .08226 | 66 | 1250 | 40186000 |
| PUMPS,ENGINE-DRIVEN | | LAB | 53.5714 | 119.3 | | .056 | 61 | 1082 | 40188000 |
| PUMPS,ENGINE-DRIVEN | NO-2-HYDRAULIC-SYSTEM | AIR | 60.6796 | 135.129 | 96 | .04944 | 65 | 1227 | 40190000 |
| PUMPS,ENGINE-DRIVEN | | AIR SHP GRD | 72.4637 | 111.642 | | .138 | 59 | 212 | 40192000 |
| PUMPS,ENGINE-DRIVEN | FUEL-SYSTEM | AIR | 74.2984 | 122.255 | 248 | .0955 | 63 | 1111 | 40194000 |
| PUMPS,ENGINE-DRIVEN | NO-1-HYDRAULIC-SYSTEM | AIR | 85.096 | 143.093 | 152 | .08226 | 66 | 1250 | 40196000A |
| PUMPS,ENGINE-DRIVEN | | AIR GND | 100 | | | | 61 | 212 | 40198000 |
| PUMPS,ENGINE-DRIVEN | | AIR SHP GRD | 100 | | | | 58 | 212 | 40200000 |
| PUMPS,ENGINE-DRIVEN | NO-1-HYDRAULIC-SYSTEM | AIR | 141.585 | 238.084 | 96 | .04944 | 65 | 1227 | 40202000 |
| PUMPS,ENGINE-DRIVEN | | AIR GND | 200 | | | | 61 | 212 | 40204000 |
| PUMPS,ENGINE-DRIVEN | | AIR GND | 312 | | | | 61 | 212 | 40206000 |
| PUMPS,ENGINE-DRIVEN | FUEL-SYSTEM | AIR | 359.496 | 631.042 | 64 | .01669 | 66 | 1225 | 40208000 |
| PUMPS,ENGINE-DRIVEN | HYDRAULIC-POWER-SUPPLY | AIR | 384.138 | 421.846 | 200 | .50763 | 65 | 1198 | 40210000 |
| PUMPS,ENGINE-DRIVEN | HYDRAULIC-POWER-SUPPLY | AIR | 397.6 | 443.103 | 408 | .353 | 63 | 1114 | 40212000 |
| PUMPS,ENGINE-DRIVEN | | AIR GND | 500 | | | | 61 | 212 | 40214000 |
| PUMPS,ENGINE-DRIVEN | HYDRAULIC-POWER-SUPPLY | AIR | 597.232 | 645.804 | 400 | .46548 | 65 | 1198 | 40216000 |
| PUMPS,ENGINE-DRIVEN | HYDRAULIC-POWER-SUPPLY | AIR | 693.548 | 849.774 | 272 | .062 | 63 | 1114 | 40218000 |
| PUMPS,ENGINE-DRIVEN | | AIR | 778 | | | | 57 | 211 | 40220000 |
| PUMPS,ENGINE-DRIVEN | HYDRAULIC-POWER-SUPPLY | AIR | 862.876 | 935.876 | 200 | .299 | 63 | 1114 | 40222000 |
| PUMPS,ENGINE-DRIVEN | HYDRAULIC-SYSTEM | AIR | 865.86 | 952.78 | 126 | .21597 | 65 | 1155 | 40224000 |

PART CLASS ...: PUMPS AND HYDRAULIC MOTORS

| PART DESCRIPTION (.CO N.O.C.) | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| PUMPS.ENGINE-DRIVEN | HYDRAULIC-POWER-SUPPLY | AIR | 881.693 | 950.695 | 200 | .33912 | 63 | 1198 | 40228000 |
| PUMPS.ENGINE-DRIVEN | | AIR SHP GRD | 1000 | | | | 58 | 212 | 40228000 |
| PUMPS.ENGINE-DRIVEN | | AIR GND | 2400 | 3556.31 | | .005 | 58 | 212 | 40230000 |
| PUMPS.ENGINE-DRIVEN.AIR | HYDRAULIC-SYSTEM | AIR | 2909.09 | 3327.77 | 128 | .033 | 66 | 1225 | 40232000 |
| PUMPS.ENGINE-DRIVEN.FUEL | | AIR | 766.518 | 850.743 | | .218 | 63 | 2103 | 40234000 |
| PUMPS.ENGINE-DRIVEN.FUEL | | AIR | 73.6196 | 96.882 | | .326 | 61 | 1083 | 40236000 |
| PUMPS.ENGINE-DRIVEN.FUEL | | AIR | 95.6521 | 144.511 | | .119 | 61 | 1084 | 40238000 |
| PUMPS.ENGINE-DRIVEN.FUEL | POWER-PLANT | AIR | 1222.22 | 1628.9 | 64 | .018 | 59 | 1110 | 40240000 |
| PUMPS.ENGINE-DRIVEN.FUEL ASM-1.CENTRIFUGAL-GEAR | | AIR | 2250.31 | 2386.83 | 126 | .21597 | 65 | 1155 | 40242000 |
| PUMPS.ENGINE-DRIVEN.WATER | | AIR | 73.1395 | 118.803 | | .10238 | 65 | 1123 | 40244000A |
| PUMPS.ENGINE-DRIVEN.WATER | | AIR | 166.666 | 371.155 | 64 | .018 | 59 | 1110 | 40246000 |
| PUMPS.ENGINE-FUEL | ENGINE-FUEL-AND-CONTROL.880 | AIR | 267.857 | 360.221 | | .056 | 61 | 1082 | 40248000 |
| PUMPS.ENGINE-FUEL | ENGINE-FUEL-AND-CONTROL.880 | AIR | 40P | | | | 65 | 2360 | 40250000 |
| PUMPS.ENGINE-FUEL | ENGINE-FUEL-AND-CONTROL.880 | AIR | 70P | | | | 66 | 2360 | 40252000 |
| PUMPS.ENGINE-OIL | | AIR | 80P | | | | 66 | 2360 | 40254000 |
| PUMPS.FLAPERETTE | | AIR | 2189.47 | 2397.13 | | .095 | 63 | 2120 | 40256000 |
| PUMPS.FREON-LUBE | AIR-CONDITIGNING.OC8-27/51 | AIR | 1728.62 | 1803.33 | | .538 | 63 | 2115 | 40258000 |
| PUMPS.FUEL | AFTERBURNER.TURBOJET.J-85 | AIR | 770 | | | | 66 | 2380 | 40260000 |
| PUMPS.FUEL | AUX-POWER-UNIT-ASBLY | AIR | * | 22.6055 | 812 | .10186 | 64 | 1179 | 40262000 |
| PUMPS.FUEL | POWER-SECTION | AIR | * | 93.1472 | 49 | .02472 | 65 | 1227 | 40264000 |
| PUMPS.FUEL | | AIR | .501379 | 1.99021 | 1216 | 1.9945 | 65 | 1201 | 40266000 |
| PUMPS.FUEL | | AIR | 2.63754 | 10.2592 | 400 | .37914 | 65 | 1201 | 40268000 |
| PUMPS.FUEL | TURBOJET.J-85 | AIR | 5.46119 | 14.535 | 244 | .36622 | 65 | 1201 | 40270000 |
| PUMPS.FUEL | AFTERBURNER.TURBOJET.J-85 | AIR | 8.7512 | 23.2882 | 948 | .22854 | 65 | 1228 | 40272000 |
| PUMPS.FUEL | ENGINE-(M=MILES) | AIR | 13.1268 | 29.2525 | 946 | .22834 | 65 | 1228 | 40274000 |
| PUMPS.FUEL | TURBOJET.J-85 | GRD | 24.3330M | 54.1832M | 30 | .1233M | 66 | 1255 | 40276000 |
| PUMPS.FUEL | AUXILIARY-POWER-UNIT-ASSEMBLY | AIR | 39.2495 | 78.4758 | 812 | .10186 | 64 | 1179 | 40278000 |
| PUMPS.FUEL | GAS.TURBINE-COMPRESSOR.AUX-POWER-PLANT | AIR | 48.6263 | 129.401 | 76 | .04113 | 66 | 1250 | 40280000 |
| PUMPS.FUEL | GAS.TURBINE-COMPRESSOR.AUX-POWER-PLANT | AIR | 60.1529 | 101.15 | 100 | .11637 | 65 | 1198 | 40282000 |
| PUMPS.FUEL | GAS.TURBINE-COMPRESSOR.AUX-POWER-PLANT | AIR | 68.1818 | 119.682 | 102 | .088 | 63 | 1114 | 40284000 |
| PUMPS.FUEL | GAS.TURBINE-COMPRESSOR.AUX-POWER-PLANT | AIR | 70.7959 | 121.398 | 50 | .12691 | 65 | 1198 | 40286000 |
| PUMPS.FUEL | GAS.TURBINE-COMPRESSOR.AUX-POWER-PLANT | AIR | 226.666 | 314.748 | 50 | .044 | 63 | 1114 | 40288000 |
| PUMPS.FUEL | GAS.TURBINE-COMPRESSOR.AUX-POWER-PLANT | AIR | 235.904 | 319.003 | 50 | .08478 | 63 | 1198 | 40290000 |
| PUMPS.FUEL.ENGINE.4200RPM. 7GPM.800PSIG | | AIR | 133.333 | 266.451 | 120 | .03 | 65 | 1215 | 40292000 |
| PUMPS.FUEL.ENGINE-DRIVEN | | AIR | 313 | | | | 57 | 211 | 40294000 |
| PUMPS.FUEL.ENGINE-DRIVEN | | AIR | 4500 | 4690.27 | | .216 | 63 | 2109 | 40296000 |
| PUMPS.FUEL.IMPELLER.GEAR-DRIVEN | AFTERBURNER | AIR | 842.266 | 1170.91 | 86 | .01306 | 66 | 1240 | 40298000A |

SECTION I FAILURE RATE DATA

PART CLASS 57 PUMPS AND HYDRAULIC MOTORS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .CO N.O.C. | | | | | | | | | |
| PUMPS.FUEL.MAIN.6000PM. ICCOPSI | PROPULSION-SYSTEM | AIR | 76.5696 | 297.833 | 86 | .01306 | 66 | 1240 | 40300000A |
| PUMPS.FUEL.TRANSFER | | AIR | 947.488 | 1009.82 | 424 | .438 | 64 | 1266 | 40302000A |
| PUMPS.FUEL.TRANSFER | | AIR | 1542.75 | 1613.65 | | .538 | 63 | 2111 | 40304000 |
| PUMPS.FUEL.WITH GOVERNOR | | AIR | 1515.15 | 5893.48 | 6 | .00066 | 62 | 1157 | 40306000 |
| PUMPS.FUEL-BOOST | FU .(LCR-21/51) | AIR | 10 | | | | 66 | 2380 | 40308000 |
| PUMPS.FUEL-BOOST | FUEL.727 | AIR | 30P | | | | 65 | 2360 | 40310000 |
| PUMPS.FUEL-BOOST | FUEL.707-131B | AIR | 30P | | | | 66 | 2361 | 40312000 |
| PUMPS.FUEL-BOOST | FUEL.707-331 | AIR | 30P | | | | 66 | 2361 | 40314000 |
| PUMPS.FUEL-BOOST | FUEL.707-331B | AIR | 30P | | | | 66 | 2361 | 40316000 |
| PUMPS.FUEL-BOOST | FUEL.707-131B | AIR | 40P | | | | 66 | 2362 | 40318000 |
| PUMPS.FUEL-BOOST | FUEL.707-331 | AIR | 40P | | | | 66 | 2362 | 40320000 |
| PUMPS.FUEL-BOOST | FUEL.707-331B | AIR | 40P | | | | 66 | 2361 | 40322000 |
| PUMPS.FUEL-BOOST | FUEL.707-331B | AIR | 50P | | | | 66 | 2361 | 40324000 |
| PUMPS.FUEL-BOOST | FUEL.707-131B | AIR | 50P | | | | 65 | 2361 | 40326000 |
| PUMPS.FUEL-BOOST | FUEL.727 | AIR | 50P | | | | 66 | 2360 | 40328000 |
| PUMPS.FUEL-BOOST | FUEL.727 | AIR | 50P | | | | 65 | 2360 | 40330000 |
| PUMPS.FUEL-BOOST | FUEL.707-131B | AIR | 60P | | | | 66 | 2362 | 40332000 |
| PUMPS.FUEL-BOOST | FUEL.707-131B | AIR | 70P | | | | 66 | 2362 | 40334000 |
| PUMPS.FUEL-BOOST | FUEL.707-331 | AIR | 70P | | | | 66 | 2361 | 40336000 |
| PUMPS.FUEL-BOOST | FUEL.707-331 | AIR | 80P | | | | 66 | 2362 | 40338000 |
| PUMPS.FUEL-BOOST | FUEL.707-131B | AIR | 80P | | | | 65 | 2362 | 40340000 |
| PUMPS.FUEL-BOOST | FUEL.707-331B | AIR | 90P | | | | 66 | 2362 | 40342000 |
| PUMPS.FUEL-BOOST | FUEL.707-331B | AIR | 100P | | | | 66 | 2362 | 40344000 |
| PUMPS.FUEL-BOOST | FUEL.331C/373C | AIR | 120P | | | | 65 | 2360 | 40346000 |
| PUMPS.FUEL-BOOST | FUEL.331C/373C | AIR | 130P | | | | 66 | 2360 | 40348000 |
| PUMPS.FUEL-BOOST | | AIR | 271.375 | 902.484 | | .538 | 63 | 2111 | 40350000 |
| PUMPS.FUEL-BOOST/TRANSFER | FUEL.EEC | AIR | 70P | | | | 65 | 2360 | 40352000 |
| PUMPS.FUEL-BOOST/TRANSFER | FUEL.EEC | AIR | 120P | | | | 66 | 2360 | 40354000 |
| PUMPS.FUEL-BOOST/TRANSFER | FUEL.EEC | AIR | 240P | | | | 66 | 2360 | 40356000 |
| PUMPS.FUEL-BOOSTER | | AIR | 1144.98 | 1206.3 | | .538 | 63 | 2111 | 40358000 |
| PUMPS.FUEL-ENGINE.TWO-STAGE | ENGINE-FUEL-AND-CONTROL.707-131B | AIR | 30P | | | | 66 | 2361 | 40360000 |
| PUMPS.FUEL-ENGINE.TWO-STAGE | ENGINE-FUEL-AND-CONTROL.707-131B | AIR | 70P | | | | 65 | 2361 | 40362000 |
| PUMPS.GENERAL | | AIR | 100.7 | | | | 57 | 211 | 40364000 |
| PUMPS.HAND | EMERGENCY EXTENSION.NLG | AIR | * | 93.1472 | 48 | .02472 | 63 | 1227 | 40366000 |
| PUMPS.HAND | DOOR.HYDRAULIC.FORWARD-CARGO | AIR | * | 116 | 100 | .01985 | 65 | 1198 | 40368000 |
| PUMPS.HAND | BRAKE.LANDING-GEAR.MAIN | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 40370000 |
| PUMPS.HAND | EMERGENCY-EXTENSION. NOSE-LANDING-GEAR | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 40372000A |
| PUMPS.HAND | UTILITY-SYSTEM.GROUND-OPERATION | AIR | * | 46.3393 | | .04969 | 63 | 1123 | 40374000A |
| PUMPS.HAND | NO-3-HYDRAULIC-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 40376000 |
| PUMPS.HAND | DOOR.HYDRAULIC.FORWARD-CARGO | AIR | 11.3636 | 44.2011 | 102 | .088 | 63 | 1114 | 40378000 |
| PUMPS.HAND | DOOR.HYDRAULIC.FORWARD-CARGO | AIR | 15.7593 | 41.9275 | 50 | .12691 | 65 | 1198 | 40380000 |
| PUMPS.HAND | DOOR.HYDRAULIC.RAMP | AIR | 25.7798 | 57.4099 | 100 | .11637 | 65 | 1198 | 40382000 |
| PUMPS.HAND | DOOR.HYDRAULIC.RAMP | AIR | 45.4545 | 90.8357 | 102 | .088 | 63 | 1114 | 40384000 |

PART CLASS 575 PUMPS AND HYDRAULIC MOTORS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| PUMPS.HAND | DOOR.HYDRAULIC.FORWARD-CARGO | AIR | 53.3333 | 106.58 | 50 | .075 | 63 | 1114 | 40386000 |
| PUMPS.HAND | DOOR.HYDRAULIC.RAMP | AIR | 55.1528 | 92.7426 | 50 | .12692 | 65 | 1198 | 40388000 |
| PUMPS.HAND | DOOR.HYDRAULIC.FORWARD-CARGO | AIR | 58.9761 | 109.397 | 50 | .08478 | 63 | 1198 | 40390000 |
| PUMPS.HAND | NO-3-HYDRAULIC-SYSTEM | AIR | 72.9394 | 162.431 | 76 | .04113 | 66 | 1250 | 40392000A |
| PUMPS.HAND | DOOR.HYDRAULIC.RAMP | AIR | 266.666 | 360.601 | 50 | .075 | 63 | 1114 | 40394000 |
| PUMPS.HAND | DOOR.HYDRAULIC.RAMP | AIR | 271.354 | 359.288 | 50 | .08476 | 63 | 1198 | 40396000 |
| PUMPS.HAND.EMERGENCY | HYDRAULIC-SYSTEM | AIR | 27.7829 | 61.8707 | 63 | .10798 | 65 | 1155 | 40398000 |
| PUMPS.HAND.EMERGENCY. HYDRAULIC | | AIR | 55.5555 | 97.5196 | | .108 | 63 | 2107 | 40400000 |
| PUMPS.HERMETIC | | | 1.42879 | 5.55756 | | .69989 | 63 | 2232 | 40402000 |
| PUMPS.HERMETIC | | | 2.23747 | 4.98269 | | 1.3408 | 62 | 2232 | 40404000 |
| PUMPS.HYDRAULIC | GROUND-TO-GROUND-MISSILE | GRD | * | 4.38089 | 30 | .3256 | 64 | 1191 | 40406000 |
| PUMPS.HYDRAULIC | (STORAGE) | | * | .314795 | | 7.3146 | 63 | 2111 | 40408000 |
| PUMPS.HYDRAULIC | | GRD | * | 1.07835 | 121 | 2.1353 | 64 | 1191 | 40410000 |
| PUMPS.HYDRAULIC | (STORAGE) | | * | 15.4619 | | .14892 | 63 | 2111 | 40412000 |
| PUMPS.HYDRAULIC | (STORAGE) | | .028944 | .112585 | | 34.549 | 63 | 2111 | 40414000 |
| PUMPS.HYDRAULIC | (STORAGE) | | .127785 | .224307 | | 46.994 | 63 | 2111 | 40416000 |
| PUMPS.HYDRAULIC | (STORAGE) | | .134 | | | | 63 | 2111 | 40418000 |
| PUMPS.HYDRAULIC | (STORAGE) | | 28.5388 | 52.9377 | | .17520 | 63 | 2111 | 40420000A |
| PUMPS.HYDRAULIC | | GRD | 28.5388 | 52.9377 | 7 | .1752 | 64 | 1191 | 40422000 |
| PUMPS.HYDRAULIC | THRUST-REVERSER-SYSTEM | AIR | 42.5531 | 71.5556 | 304 | .1645 | 66 | 1250 | 40424000A |
| PUMPS.HYDRAULIC | THRUST-REVERSER-SYSTEM | AIR | 141.585 | 203.559 | 192 | .09888 | 65 | 1227 | 40426000 |
| PUMPS.HYDRAULIC | | AIR | 757.142 | 908.65 | 640 | .07 | 61 | 1080 | 40428000A |
| PUMPS.HYDRAULIC | | GRD | 1000 | 1481.79 | | .012 | 62 | 1072 | 40430000 |
| PUMPS.HYDRAULIC | | AIR | 3052.63 | 3295.41 | | .095 | 63 | 2120 | 40432000 |
| PUMPS.HYDRAULIC | | AIR | 6060.6 | 12111.4 | 6 | .00066 | 62 | 1157 | 40434000 |
| PUMPS.HYDRAULIC. RECIPROCATING | | AIR | 375 | 485.545 | 186 | .072 | 65 | 1111 | 40436000 |
| PUMPS.HYDRAULIC. BOOST-CONTROL | | HELI | 231.213 | 375.569 | 40 | .0346 | 66 | 1257 | 40438000 |
| PUMPS.HYDRAULIC. BOOST-CONTROL | | HELI | 473.559 | 631.262 | 80 | .01267 | 66 | 1257 | 40440000 |
| PUMPS.HYDRAULIC. ENGINE-DRIVEN | HYDRAULIC-POWER.707-3318 | AIR | 70P | | | | 66 | 2361 | 40442000 |
| PUMPS.HYDRAULIC. ENGINE-DRIVEN | HYDRAULIC-POWER.707-331 | AIR | 260P | | | | 66 | 2361 | 40444000 |
| PUMPS.HYDRAULIC. ENGINE-DRIVEN | HYDRAULIC-POWER.707-131 | AIR | 340P | | | | 66 | 2361 | 40446000 |
| PUMPS.HYDRAULIC. ENGINE-DRIVEN | HYDRAULIC-POWER.707-1318 | AIR | 420P | | | | 66 | 2361 | 40448000 |
| PUMPS.HYDRAULIC. ENGINE-DRIVEN | HYDRAULIC-POWER.707-131 | AIR | 440P | | | | 66 | 2361 | 40450000 |
| PUMPS.HYDRAULIC. ENGINE-DRIVEN | HYDRAULIC-POWER.707-131 | AIR | 510P | | | | 65 | 2361 | 40452000 |
| PUMPS.HYDRAULIC. ENGINE-DRIVEN | HYDRAULIC-POWER.707-131R | AIR | 570P | | | | 66 | 2361 | 40454000 |

PART CLASS 575 PUMPS AND HYDRAULIC MOTORS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF 90 |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.S.C. | | | | | | | | | |
| PUMPS.HYDRAULIC. ENGINE-DRIVEN | HYDRAULIC-POWER.707-331B | AIR | 630P | | | | 66 | 2361 | 40456000 |
| PUMPS.HYDRAULIC. ENGINE-DRIVEN | HYDRAULIC-POWER.707-331B | AIR | 660P | | | | 65 | 2361 | 40456000 |
| PUMPS.HYDRAULIC. ENGINE-DRIVEN | HYDRAULIC-POWER.707-331B | AIR | 830P | | | | 66 | 2361 | 40460000 |
| PUMPS.HYDRAULIC. ENGINE-DRIVEN | HYDRAULIC-POWER.707-331B | AIR | 850P | | | | 65 | 2361 | 40462000 |
| PUMPS.HYDRAULIC. ENGINE-DRIVEN | FLAPPERETTE | AIR | 864.312 | 917.86 | 424 | .538 | 64 | 1266 | 40464000A |
| PUMPS.HYDRAULIC. ENGINE-DRIVEN | HYDRAULIC-POWER.707-331B | AIR | 970P | | | | 66 | 2361 | 40466000 |
| PUMPS.HYDRAULIC. ENGINE-DRIVEN | HYDRAULIC-POWER.707-131 | AIR | 1170P | | | | 65 | 2361 | 40468000 |
| PUMPS.HYDRAULIC. ENGINE-DRIVEN. VARIABLE-DISPLACEMENT | | AIR | 1226.76 | 1290.15 | 424 | .53P | 64 | 1266 | 40470000A |
| PUMPS.HYDRAULIC.AIR-DRIVEN | | AIR | 70.118 | 123.081 | | .08557 | 63 | 1123 | 40472000A |
| PUMPS.HYDRAULIC.AUXILIARY | | AIR | 132.302 | 154.964 | | .52909 | 65 | 1196 | 40474000 |
| PUMPS.HYDRAULIC.AUXILIARY | | AIR | 144.981 | 168.37 | 424 | .538 | 64 | 1266 | 40476000A |
| PUMPS.HYDRAULIC.AUXILIARY | AZIMUTH.GUN-TURRET.FIRE-CONTROL | AIR | 167.504 | 445.753 | 31 | .01194 | 63 | 1111 | 40478000 |
| PUMPS.HYDRAULIC.AUXILIARY | | AIR | 464.464 | 888.172 | 16 | .009 | 59 | 1110 | 40480000 |
| PUMPS.HYDRAULIC.AUXILIARY. SINGLE-STAGE.9-CYL. VAR-DEL | | GRD | 1816.18C | 3191.54C | 29 | .00330 | 66 | 1243 | 40482000A |
| PUMPS.HYDRAULIC.AUXILIARY. SINGLE-STAGE.9-CYL. VAR-DEL | | GRD | 21428.5 | 37614.6 | 49 | .00028 | 66 | 1243 | 40484000A |
| PUMPS.HYDRAULIC.CONSTANT-DISPLACEMENT.VANE-TYPE | | GRD | 9009 | 13879.8 | 20 | .00111 | 65 | 1173 | 40486000 |
| PUMPS.HYDRAULIC.DRIVE | | LAB | 14 | | | | 63 | 1130 | 40488000 |
| PUMPS.HYDRAULIC.DUAL VARIABLE-HI-AND-LO-DISPL | | GEN | 2923.97 | 4504.86 | | .06342 | 62 | 1136 | 40490000 |
| PUMPS.HYDRAULIC.ENGINE-DRIVEN | | AIR | 55.2147 | 75.9395 | | .526 | 61 | 1083 | 40492000 |
| PUMPS.HYDRAULIC.ENGINE-DRIVEN | | AIR | 147.826 | 205.27 | | .115 | 61 | 1084 | 40494000 |
| PUMPS.HYDRAULIC.ENGINE-DRIVEN | | AIR | 552.858 | 600.819 | | .45943 | 65 | 1196 | 40496000 |
| PUMPS.HYDRAULIC.ENGINE-DRIVEN | | AIR | 571.428 | 801.842 | | .028 | 61 | 1082 | 40498000 |
| PUMPS.HYDRAULIC.ENGINE-DRIVEN | | AIR | 2166.66 | 2682.72 | 54 | .018 | 59 | 1110 | 40500000 |
| PUMPS.HYDRAULIC.ENGINE-DRIVEN.CONSTANT-PRESSURE. VARIABLE-DISPLACEMENT | | AIR | 2679.93 | 3138.97 | 172 | .02612 | 64 | 1240 | 40502000A |

PART CLASS 979 PUMPS AND HYDRAULIC MOTORS

| PART DESCRIPTION .00 N.E.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| PUMPS.HYDRAULIC.ENGINE-DRIVEN.POWER-CONTROL | | AIR | 707.023 | 796.727 | | .87114 | 68 | 1123 | 40534000A |
| PUMPS.HYDRAULIC.ENGINE-DRIVEN.VARIABLE-DISPLACE | | AIR | 909.585 | 1081.68 | | .20229 | 66 | 1241 | 40504000 |
| PUMPS.HYDRAULIC.ENGINE-DRIVEN.3000PSI | | AIR | 524.994 | 587.031 | | .26286 | 66 | 1241 | 40500000 |
| PUMPS.HYDRAULIC.GAS-TURBINE-DRIVEN.AXIAL-PISTON | | GRD | .111984 | .188223 | 5768 | 62.537 | 64 | 1191 | 40510000 |
| PUMPS.HYDRAULIC.GEAR | | AIR | 625 | 887.183 | 62 | .024 | 63 | 1111 | 40512000 |
| PUMPS.HYDRAULIC.HAND-OPERATED | | AIR | * | 328.942 | | .007 | 61 | 1082 | 40514000 |
| PUMPS.HYDRAULIC.HAND-OPERATED | | AIR | * | 40.3964 | | .097 | 61 | 1084 | 40516000 |
| PUMPS.HYDRAULIC.HAND-OPERATED | LANDING-GEAR | AIR | 53.3333 | 106.58 | 50 | .075 | 63 | 1114 | 40518000 |
| PUMPS.HYDRAULIC.HAND-OPERATED | LANDING-GEAR | AIR | 58.9761 | 109.397 | 50 | .08478 | 63 | 1198 | 40520000 |
| PUMPS.HYDRAULIC.LUBE.POS-DISPLACEMENT | PROPULSION-SYSTEM | AIR | 535.987 | 901.294 | 86 | .01306 | 66 | 1240 | 40522000A |
| PUMPS.HYDRAULIC.MOTOR-DRIVEN | | AIR | 67.4816 | 101.829 | | .183 | 61 | 1083 | 40524000 |
| PUMPS.HYDRAULIC.MOTOR-DRIVEN | | AIR | 357.142 | 662.478 | | .014 | 61 | 1082 | 40526000 |
| PUMPS.HYDRAULIC.MOTOR-DRIVEN.AC | | AIR | 672.339 | 793.386 | 183 | .09519 | 64 | 1144 | 40528000A |
| PUMPS.HYDRAULIC.MOTOR-DRIVEN.DC | | AIR | 63.0318 | 167.737 | 61 | .03178 | 64 | 1144 | 40530000 |
| PUMPS.HYDRAULIC.MOTOR-DRIVEN.PISTON | (M=MISSIONS) | MSL | * | 23026M | | .6001M | 62 | 1134 | 40532000 |
| PUMPS.HYDRAULIC.MOTOR-DRIVEN.VARIABLE-DISPLACE | | GRD | 3930.13 | 6203.49 | | .00229 | 62 | 1136 | 40534000 |
| PUMPS.HYDRAULIC.OIL | | HELI | 208.768 | 812.045 | 108 | .00479 | 63 | 1118 | 40536000A |
| PUMPS.HYDRAULIC.OIL | | HELI | 367.647 | 1430.03 | 108 | .00272 | 63 | 1115 | 40538000A |
| PUMPS.HYDRAULIC.PISTON.FIXED-ANGLE | | GRD | * | 15.4619 | 1 | .14892 | 64 | 1191 | 40540000 |
| PUMPS.HYDRAULIC.TURBINE-DRIVEN.CONSTANT-DISPLACE | | GRD | 4705.88 | 9404.17 | | .00085 | 62 | 1136 | 40542000 |
| PUMPS.HYDRAULIC.TURBINE-DRIVEN.VARIABLE-DISPLACE | (M=MISSIONS) | MSL | * | 11513M | | .0002M | 62 | 1136 | 40544000 |
| PUMPS.HYDRAULIC.TURBINE-DRIVEN.VARIABLE-DISPLACE | | AIR | 153.139 | 599.666 | 43 | .00653 | 64 | 1240 | 40546000A |
| PUMPS.HYDRAULIC.TURBINE-DRIVEN.VARIABLE-DISPLACE | | GRD | 1226.99 | 2452 | | .00326 | 62 | 1136 | 40548000 |
| PUMPS.HYDRAULIC.TURBINE-DRIVEN-POWER-UNIT | | GRD | 506.329 | 1011.84 | | .0079 | 62 | 1135 | 40550000 |

PART CLASS 575 PUMPS AND HYDRAULIC MOTORS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.E.C. | | | | | | | | | |
| PUMPS,HYDRAULIC,VARIABLE-DELIVERY | | AIR | 1884.05 | 1994.21 | | .274 | 59 | 1070 | 40552000 |
| PUMPS,HYDRAULIC,VARIABLE-DELIVERY,ENGINE-DRIVEN | | AIR | 704.437 | 825.098 | | .09937 | 63 | 1125 | 40554000A |
| PUMPS,HYDRAULIC,VARIABLE-DELIVERY,PISTON,2GAL/MIN.,3000RPM,1500PSI. | | HELI | 360 | 473.533 | 120 | .03 | 65 | 1215 | 40556000 |
| PUMPS,HYDRAULIC,VARIABLE-DELIVERY,PRESS-COMP | | HELI | 224.299 | 271.764 | 302 | .214 | 66 | 1234 | 40558000A |
| PUMPS,HYDRAULIC,VARIABLE-DELIVERY,PRESS-COMP | | HELI | 766.355 | 886.621 | 151 | .107 | 66 | 1234 | 40560000A |
| PUMPS,HYDRAULIC,VARIABLE-DISPLACEMENT,FIXED-ANGLE | | HELI | 835.073 | 1668.79 | 108 | .00479 | 63 | 1118 | 40562000 |
| PUMPS,HYDRAULIC,VARIABLE-DISPLACEMENT,FIXED-ANGLE | | HELI | 1102.94 | 2456.17 | 108 | .00272 | 63 | 1118 | 40564000 |
| PUMPS,HYDRAULIC,2950PSI | UTILITY-SYSTEM | AIR | 2133.22 | 2424.06 | | .04969 | 63 | 1123 | 40566000A |
| PUMPS,HYDRAULIC-ELECTRICAL-SYSTEM-B | HYDRAULIC-POWER.727 | AIR | 140P | | | | 65 | 2360 | 40568000 |
| PUMPS,HYDRAULIC-ELECTRICAL-SYSTEM-B | HYDRAULIC-POWER.727 | AIR | 190P | | | | 66 | 2360 | 40570000 |
| PUMPS,HYDRAULIC-ELECTRICAL-SYSTEM-B | HYDRAULIC-POWER.727 | AIR | 280P | | | | 64 | 2360 | 40572000 |
| PUMPS,HYDRAULIC-ENGINE-DRIVEN | HYDRAULIC-POWER.707-131B | AIR | 70P | | | | 64 | 2362 | 40574000 |
| PUMPS,HYDRAULIC-ENGINE-DRIVEN | HYDRAULIC-POWER.707-131B | AIR | 160P | | | | 65 | 2362 | 40576000 |
| PUMPS,HYDRAULIC-ENGINE-DRIVEN | HYDRAULIC-POWER.707-331 | AIR | 170P | | | | 65 | 2362 | 40578000 |
| PUMPS,HYDRAULIC-ENGINE-DRIVEN | HYDRAULIC-POWER.707-331B | AIR | 260P | | | | 65 | 2362 | 40580000 |
| PUMPS,HYDRAULIC-ENGINE-DRIVEN | HYDRAULIC-POWER.727 | AIR | 270P | | | | 65 | 2360 | 40582000 |
| PUMPS,HYDRAULIC-ENGINE-DRIVEN | HYDRAULIC-POWER.880 | AIR | 280P | | | | 65 | 2360 | 40584000 |
| PUMPS,HYDRAULIC-ENGINE-DRIVEN | HYDRAULIC-POWER.707-331B | AIR | 280P | | | | 66 | 2362 | 40586000 |
| PUMPS,HYDRAULIC-ENGINE-DRIVEN | HYDRAULIC-POWER.880 | AIR | 330P | | | | 66 | 2360 | 40588000 |
| PUMPS,HYDRAULIC-ENGINE-DRIVEN | HYDRAULIC-POWER.707-131 | AIR | 450P | | | | 65 | 2362 | 40590000 |
| PUMPS,HYDRAULIC-ENGINE-DRIVEN | HYDRAULIC-POWER.707-131 | AIR | 460P | | | | 66 | 2362 | 40592000 |
| PUMPS,HYDRAULIC-ENGINE-DRIVEN | HYDRAULIC-POWER.727 | AIR | 470P | | | | 66 | 2360 | 40594000 |
| PUMPS,HYDRAULIC-ENGINE-DRIVEN | HYDRAULIC-POWER.331C/372C | AIR | 500P | | | | 64 | 2360 | 40596000 |

PART CLASS 575 PUMPS AND HYDRAULIC MOTORS

| PART DESCRIPTION .GO N.G.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| PUMPS.HYDRAULIC-ENGINE-DRIVEN | HYDRAULIC-POWER.707-131B | AIR | 520P | | | | 66 | 2362 | 40590000 |
| PUMPS.HYDRAULIC-ENGINE-DRIVEN | HYDRAULIC-POWER.707-131B | AIR | 670P | | | | 66 | 2362 | 40600000 |
| PUMPS.HYDRAULIC-ENGINE-DRIVEN | HYDRAULIC-POWER.707-331 | AIR | 400P | | | | 66 | 2362 | 40602000 |
| PUMPS.HYDRAULIC-ENGINE-DRIVEN | HYDRAULIC-POWER.880 | AIR | 600P | | | | 66 | 2360 | 40604000 |
| PUMPS.HYDRAULIC-ENGINE-DRIVEN | HYDRAULIC-POWER.707-331B | AIR | 710P | | | | 66 | 2362 | 40606000 |
| PUMPS.HYDRAULIC-ENGINE-DRIVEN | HYDRAULIC-POWER.331C/379C | AIR | 720P | | | | 66 | 2360 | 40608000 |
| PUMPS.HYDRAULIC-ENGINE-DRIVEN | HYDRAULIC-POWER.707-131 | AIR | 740P | | | | 66 | 2362 | 40610000 |
| PUMPS.HYDRAULIC-ENGINE-DRIVEN | HYDRAULIC-POWER.707-331 | AIR | 930P | | | | 66 | 2362 | 40612000 |
| PUMPS.HYDRAULIC-ENGINE-DRIVEN | HYDRAULIC-POWER.727 | AIR | 1010P | | | | 66 | 2360 | 40614000 |
| PUMPS.HYDRAULIC-ENGINE-DRIVEN | HYDRAULIC-POWER.707-331B | AIR | 1060P | | | | 66 | 2362 | 40616000 |
| PUMPS.HYDRAULIC-DRIVEN | FUEL-TRANSFER | AIR | 500.411 | 536.298 | | .70542 | 66 | 1241 | 40618000 |
| PUMPS.JET | AIR-CONDITIONER.FLIGHT-DECK | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 40620000 |
| PUMPS.JET | AIR-CONDITIONER.FLIGHT-DECK | AIR | * | 27.1597 | 50 | .08478 | 63 | 1198 | 40622000 |
| PUMPS.JET | REFR-UNIT.AIR-COND.CARGO-COMPT | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 40624000 |
| PUMPS.JET | AIR-CONDITIONER.FLIGHT-DECK | AIR | 7.8796 | 30.6492 | 50 | .12691 | 65 | 1198 | 40626000 |
| PUMPS.JET | REFR-UNIT.AIR-COND.CARGO-COMPT | AIR | 11.3636 | 44.2011 | 102 | .088 | 63 | 1114 | 40628000 |
| PUMPS.JET | REFR-UNIT.AIR-COND.CARGO-COMPT | AIR | 39.3979 | 73.0809 | 50 | .12691 | 65 | 1198 | 40630000 |
| PUMPS.JET | REFR-UNIT.AIR-COND.CARGO-COMPT | AIR | 58.9741 | 109.397 | 50 | .08478 | 63 | 1198 | 40632000 |
| PUMPS.JET | REFR-UNIT.AIR-COND.CARGO-COMPT | AIR | 66.6666 | 123.662 | 50 | .075 | 63 | 1114 | 40634000 |
| PUMPS.JET.PRESSURIZATION | AIR-CONDITIONER | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 40636000 |
| PUMPS.JET.PRESSURIZATION | AIR-CONDITIONER.FLIGHT-DECK | AIR | 13.3333 | 51.6626 | 50 | .075 | 63 | 1114 | 40638000 |
| PUMPS.JET.PRESSURIZATION | AIR-CONDITIONER.FLIGHT-DECK | AIR | 23.5904 | 62.7777 | 50 | .08478 | 63 | 1198 | 40640000 |
| PUMPS.JET.PRESSURIZATION | AIR-CONDITIONER.FLIGHT-DECK | AIR | 23.6387 | 52.642 | 50 | .12691 | 65 | 1198 | 40642000 |
| PUMPS.LUBE/SCAVENGE | TURBOJET.J-85 | AIR | 19.6347 | 52.2511 | 812 | .10186 | 64 | 1179 | 40644000 |
| PUMPS.LUBE/SCAVENGE | MAIN.CAMERA-VACUUM-SYSTEM | AIR | 285.714 | 464.096 | 150 | .028 | 63 | 1114 | 40646000 |
| PUMPS.LUBE/SCAVENGE.OIL | TURBOJET.J-85 | AIR | 13.1268 | 29.2325 | 946 | .22854 | 65 | 1228 | 40648000 |
| PUMPS.MOTOR-DRIVEN | PROPELLER-FEATHER | AIR | * | 20.0226 | | .115 | 61 | 1084 | 40650000 |
| PUMPS.MOTOR-DRIVEN | | AIR | 492 | | | | 57 | 2L1 | 40652000 |
| PUMPS.MOTOR-DRIVEN | TARGET-SEEKER-SYSTEM | GRD | 1739.13 | 3475.45 | | .0023 | 62 | 1135 | 40654000 |
| PUMPS.MOTOR-DRIVEN.ALCOHOL | | AIR GND | 200 | | | | 61 | 2L2 | 40656000 |
| PUMPS.MOTOR-DRIVEN.BOOSTER | | AIR GND | 15.9 | | | | 61 | 2L2 | 40658000 |
| PUMPS.MOTOR-DRIVEN.BOOSTER | | AIR SHP GRD | 101.204 | 124.309 | | .415 | 59 | 2L2 | 40660000 |
| PUMPS.MOTOR-DRIVEN.BOOSTER | | AIR SHP GRD | 200 | | | | 58 | 2L2 | 40662000 |
| PUMPS.MOTOR-DRIVEN.BOOSTER | | AIR GND | 2000 | | | | 51 | 2L2 | 40664000 |
| PUMPS.MOTOR-DRIVEN.BOOSTER | | AIR GND | 2500 | 4637.35 | | .002 | 58 | 2L2 | 40666000 |

PART CLASS 575 PUMPS AND HYDRAULIC MOTORS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | GROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.E.C. | | | | | | | | | |
| PUMPS.MOTOR-DRIVEN.FUEL | | AIR | 45.3961 | 91.6391 | | .245 | 61 | 1082 | 40668000 |
| PUMPS.MOTOR-DRIVEN.FUEL | | AIR | 194.274 | 222.394 | | .489 | 61 | 1082 | 40670000 |
| PUMPS.MOTOR-DRIVEN.FUEL | | AIR | 330.434 | 410.319 | | .115 | 61 | 1084 | 40672000 |
| PUMPS.MOTOR-DRIVEN.WATER | | AIR | 35.7142 | 138.917 | | .028 | 61 | 1082 | 40674000 |
| PUMPS.OIL | AUX-POWER-UNIT-ASSEMBLY | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 40676000 |
| PUMPS.OIL | AUXILIARY-POWER-UNIT-ASSEMBLY | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 40678000A |
| PUMPS.OIL | GEAR-BOX.POWER-SECTION | AIR | .501379 | 1.95021 | 1716 | 1.9945 | 65 | 1201 | 40680000 |
| PUMPS.OIL | REDUCTION-GEAR | AIR | 7.91264 | 17.6209 | 400 | .37914 | 65 | 1201 | 40682000 |
| PUMPS.OIL | POWER-SECTION | AIR | 21.1003 | 34.2741 | 400 | .37914 | 65 | 1201 | 40684000 |
| PUMPS.OIL | LUBE-SYSTER | AIR | 31.152 | 43.7133 | 528 | .51361 | 65 | 1201 | 40686000 |
| PUMPS.OIL | FREON-COMPRESSOR.AIR-CONDITIONING | AIR | 570.324 | 620.238 | | .42432 | 65 | 1196 | 40688000 |
| PUMPS.OIL.CONTROLLER.ATM | AUX-POWER-PLANT | AIR | 137.492 | 192.932 | 100 | .11637 | 65 | 1198 | 40690000 |
| PUMPS.OIL.CONTROLLER.ATM | AUX-POWER-PLANT | AIR | 200 | 353.386 | 60 | .015 | 63 | 1114 | 40692000 |
| PUMPS.OIL.CONTROLLER.ATM | AUX-POWER-PLANT | AIR | 362.461 | 441.036 | 50 | .12691 | 65 | 1198 | 40694000 |
| PUMPS.OIL.CONTROLLER.ATM | AUX-POWER-PLANT | AIR | 375 | 473.34 | 102 | .088 | 63 | 1114 | 40696000 |
| PUMPS.OIL.CONTROLLER.ATM | AUX-POWER-PLANT | AIR | 1073.36 | 1232.44 | 50 | .08478 | 63 | 1198 | 40698000 |
| PUMPS.OIL.CONTROLLER.ATM | AUX-POWER-PLANT | AIR | 1080 | 1250.64 | 50 | .075 | 63 | 1114 | 40700000 |
| PUMPS.OIL.ENGINE | POWER-PLANT-SYSTER | AIR | 778.909 | 1135.88 | 64 | .01669 | 66 | 1229 | 40702000 |
| PUMPS.OIL.MAIN | MAIN.LUBE-SYSTEM | AIR | 1.947 | 7.97325 | 528 | .51361 | 65 | 1201 | 40704000 |
| PUMPS.OIL.MAIN | MAIN.POWER-SECTION | AIR | 7.92068 | 10.6755 | 1716 | 1.9945 | 65 | 1201 | 40706000 |
| PUMPS.OIL.MAIN | MAIN.LUBE-SYSTEM | AIR | 8.19179 | 18.2425 | 244 | .36622 | 65 | 1201 | 40708000 |
| PUMPS.OIL.MAIN | | AIR | 54.7536 | 220.754 | 64 | .01762 | 65 | 1201 | 40710000 |
| PUMPS.OIL.MAIN. POSITIVE-DISPLACEMENT | | AIR | 3.52858 | 9.39008 | 500 | .5668 | 66 | 1277 | 40712000 |
| PUMPS.OIL.POWER-SUPPLY-COOLANT | | AIR | 1000 | 1481.79 | 31 | .012 | 63 | 1111 | 40714000 |
| PUMPS.OIL.PRESSURE | MAIN.POWER-SECTION | AIR | 4.86121 | 18.9086 | 260 | .20571 | 65 | 1201 | 40716000 |
| PUMPS.OIL.PRESSURE | GAS.TURBINE-COMPRESSOR.AUX-POWER-PLT | AIR | 42.9664 | 79.7 | 100 | .11637 | 65 | 1198 | 40718000 |
| PUMPS.OIL.PRESSURE | REDUCTION-GEAR | AIR | 52.7509 | 71.3327 | 400 | .37914 | 65 | 1201 | 40720000 |
| PUMPS.OIL.PRESSURE | GAS.TURBINE-COMPRESSOR.AUX-POWER-PLT | AIR | 70.9163 | 111.937 | 50 | .12691 | 65 | 1198 | 40722000 |
| PUMPS.OIL.PRESSURE | GAS.TURBINE-COMPRESSOR.AUX-POWER-PLT | AIR | 102.272 | 141.431 | 102 | .088 | 63 | 1114 | 40724000 |
| PUMPS.OIL.PRESSURE | GAS.TURBINE-COMPRESSOR.AUX-POWER-PLT | AIR | 173.333 | 252.772 | 50 | .075 | 63 | 1114 | 40726000 |
| PUMPS.OIL.PRESSURE | GAS.TURBINE-COMPRESSOR.AUX-POWER-PLT | AIR | 176.928 | 251.148 | 50 | .08478 | 63 | 1198 | 40728000 |
| PUMPS.OIL.SPUR-GEAR-TYPE | | AIR | .085837 | .33388 | 1000 | 11.65 | 64 | 1148 | 40730000 |
| PUMPS.OIL.WITH-FILTER | POWER-SECTION | AIR | 5.01378 | 7.72456 | 1716 | 1.9945 | 65 | 1201 | 40732000 |
| PUMPS.OIL.WITH-FILTER | LUBE-SYSTER | AIR | 5.46119 | 14.533 | 244 | .36622 | 65 | 1201 | 40734000 |
| PUMPS.OIL.WITH-FILTER | REDUCTION-GEAR | AIR | 10.5201 | 21.0833 | 400 | .37914 | 63 | 1201 | 40736000 |
| PUMPS.OIL.WITH-FILTER | LUBE-SYSTEM | AIR | 13.629 | 22.9179 | 528 | .51361 | 65 | 1201 | 40738000 |
| PUMPS.OIL.WITH-FILTER | LUBE-SYSTEM | LAB | 113.507 | 302.06 | 64 | .01762 | 65 | 1201 | 40740000 |
| PUMPS.OIL.3-STAGE. 7-GAL/MIN/STAGE | TRANSMISSION | HELI | 433.333 | 631.931 | 120 | .03 | 65 | 1215 | 40742000 |
| PUMPS.OVERRIDE | ENGINE | HELI | 222.222 | 591.366 | 32 | .009 | 59 | 1110 | 40744000 |
| PUMPS.PADDLE | | | 1.40256 | 2.16707 | | 12.489 | 64 | 2232 | 40746000 |
| PUMPS.PISTON-TYPE. HYDRAULIC. ELECTRIC-ACTUATION | | AIR | 6.96P | | | | 65 | 2590 | 40748000 |

PART CLASS 575 PUMPS AND HYDRAULIC MOTORS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| PUMPS.PISTON-TYPE. HYDRAULIC.AUXILIARY ELECTRIC-ACTUATION. | | AIR | 6.22P | | | | 65 | 2590 | 40750000 |
| PUMPS.PISTON-TYPE. HYDRAULIC.AUXILIARY ELECTRIC-ACTUATION. | | AIR | 7.7P | | | | 65 | 2590 | 40752000 |
| PUMPS.PISTON-TYPE- HYDRAULIC. MANUAL-ACTUATION | | AIR | .27P | | | | 65 | 2590 | 40754000 |
| PUMPS.PISTON-TYPE- HYDRAULIC. MANUAL-ACTUATION.HAND | | AIR | .1P | | | | 65 | 2590 | 40756000 |
| PUMPS.PISTON-TYPE- HYDRAULIC. MANUAL-ACTUATION.HAND | | AIR | .14P | | | | 63 | 2590 | 40758000 |
| PUMPS.PISTON-TYPE- HYDRAULIC. MANUAL-ACTUATION.HAND | | AIR | .36P | | | | 65 | 2590 | 40760000 |
| PUMPS.PISTON-TYPE- HYDRAULIC. MECHANICAL-ACTUATION | | AIR | 5.02P | | | | 65 | 2590 | 40762000 |
| PUMPS.PISTON-TYPE- HYDRAULIC.MECH.ACTUATION. ENGINE-DRIVEN | | AIR | 3.83P | | | | 65 | 2590 | 40764000 |
| PUMPS.PISTON-TYPE- HYDRAULIC.MECH.ACTUATION. ENGINE-DRIVEN | | AIR | 6.21P | | | | 65 | 2590 | 40766000 |
| PUMPS.PNEUMATIC-DRIVEN | | LAB | 14.7 | | | | 63 | 1138 | 40768000 |
| PUMPS.PRESSURE | LIAISON-RADIO.ARC-58 | AIR | 251.256 | 559.53 | 31 | .01194 | 63 | 1111 | 40770000 |
| PUMPS.PRESSURE.OIL | REDUCTION-GEAR | AIR | .501379 | 1.95021 | 1716 | 1.9945 | 65 | 1201 | 40772000 |
| PUMPS.PRESSURE.REDUCTION | ENGINE-OIL-SYSTEM | AIR | 19.1348 | 30.519 | 400 | .46548 | 65 | 1198 | 40774000 |
| PUMPS.PRESSURE.REDUCTION | ENGINE-OIL-SYSTEM | AIR | 42.4329 | 60.3184 | 408 | .353 | 63 | 1114 | 40776000 |
| PUMPS.PRESSURE.REDUCTION | ENGINE-OIL-SYSTEM | AIR | 61.0681 | 77.6743 | 200 | .50763 | 65 | 1198 | 40778000 |
| PUMPS.PRESSURE.REDUCTION | ENGINE-OIL-SYSTEM | AIR | 96.7741 | 169.872 | 272 | .062 | 63 | 1114 | 40780000 |
| PUMPS.PRESSURE.REDUCTION | ENGINE-OIL-SYSTEM | AIR | 100.334 | 128.144 | 200 | .299 | 63 | 1154 | 40782000 |
| PUMPS.PRESSURE.REDUCTION | ENGINE-OIL-SYSTEM | AIR | 103.208 | 129.368 | 200 | .33912 | 63 | 1198 | 40784000 |
| PUMPS.PRESSURE/SCAVENGE | CONSTANT-SPEED-DRIVE-OIL-SYSTEM | AIR | * | 23.2868 | 192 | .09888 | 65 | 1227 | 40786000 |
| PUMPS.PRESSURE/SCAVENGE | ENGINE/CONSTANT-SPEED-DRIVE-OIL-SYSTEM | AIR | * | 13.9975 | 304 | .1645 | 66 | 1250 | 40788000 |
| PUMPS.PRESSURE/SCAVENGE | ENGINE-OIL-SYSTEM | AIR | 10.7486 | 19.925 | 400 | .46548 | 65 | 1198 | 40790000 |
| PUMPS.PRESSURE/SCAVENGE | ENGINE-OIL-SYSTEM | AIR | 16.129 | 62.737 | 272 | .062 | 63 | 1114 | 40792000 |
| PUMPS.PRESSURE/SCAVENGE | ENGINE/CSD-OIL-SYSTEM | AIR | 20.2263 | 33.8258 | 192 | .09888 | 65 | 1227 | 40794000 |
| PUMPS.PRESSURE/SCAVENGE | ENGINE-OIL-SYSTEM | AIR | 62.3229 | 83.0601 | 408 | .353 | 63 | 1114 | 40796000 |
| PUMPS.PRESSURE/SCAVENGE | ENGINE-OIL-SYSTEM | AIR | 124.106 | 146.647 | 200 | .50763 | 65 | 1198 | 40798000 |
| PUMPS.PRESSURE/SCAVENGE | ENGINE-OIL-SYSTEM | AIR | 138.594 | 166.275 | 200 | .33912 | 63 | 1198 | 40800000 |

SECTION I FAILURE RATE DATA

PART CLASS 575 PUMPS AND HYDRAULIC MOTORS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| PUMPS.PRESSURE/SCAVENGE | ENGINE-OIL-SYSTEM | AIR | 147.157 | 179.874 | 200 | .299 | 63 | 1114 | 40802000 |
| PUMPS.PRESSURE/SCAVENGE. | CONSTANT-SPEED-DRIVE-OIL-SYSTEM | AIR | * | 13.0975 | 504 | .1645 | 66 | 1250 | 40804000 |
| PUMPS.PURGING.GTC | AUX-POWER-PLANT | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 40806000 |
| PUMPS.RAM-AIR-DRIVEN | | AIR GND | 1000 | 2226.99 | | .003 | 58 | 2L2 | 40808000 |
| PUMPS.RAM-AIR-DRIVEN | | AIR GND | 2000 | | | | 61 | 2L2 | 40810000 |
| PUMPS.RAM-AIR-TURBINE | | AIR | 126.315 | 187.174 | | .095 | 65 | 2121 | 40812000 |
| PUMPS.REFUELING.AIR | | AIR | 111.111 | 295.683 | 64 | .018 | 59 | 1110 | 40814000 |
| PUMPS.RESERVOIR | | MSL | 5 | | | | 58 | 2L2 | 40816000 |
| PUMPS.RESERVOIR | | AIR SHP GRD | 66.7 | | | | 61 | 2L2 | 40818000 |
| PUMPS.RESERVOIR | | AIR SHP GRD | 300 | | | | 58 | 2L2 | 40820000 |
| PUMPS.RESERVOIR | | AIR SHP GRD | 673.913 | 772.605 | | .138 | 59 | 2L2 | 40822000 |
| PUMPS.SCAVENGE | NOSE.REDUCTION.ENGINE-OIL-SYSTEM | AIR | * | 6.78992 | 200 | .33912 | 63 | 1198 | 40824000 |
| PUMPS.SCAVENGE | FUEL-SYSTEM | AIR | * | 95.9416 | 62 | .024 | 63 | 1111 | 40826000 |
| PUMPS.SCAVENGE | NOSE.REDUCTION.ENGINE-OIL-SYSTEM | AIR | * | 4.94672 | 400 | .46548 | 65 | 1198 | 40828000 |
| PUMPS.SCAVENGE | MAIN.REDUCTION.ENGINE-OIL-SYSTEM | AIR | * | 4.53598 | 200 | .50763 | 65 | 1198 | 40830000 |
| PUMPS.SCAVENGE | NOSE.REDUCTION.ENGINE-OIL-SYSTEM | AIR | * | 4.53598 | 200 | .50763 | 65 | 1198 | 40832000 |
| PUMPS.SCAVENGE | MAIN.REDUCTION.ENGINE-OIL-SYSTEM | AIR | * | 4.94672 | 400 | .46548 | 65 | 1198 | 40834000 |
| PUMPS.SCAVENGE | TRANSFER-GEARBOX.PROPULSION-SYSTEM | AIR | * | 176.309 | 86 | .01306 | 66 | 1240 | 40836000 |
| PUMPS.SCAVENGE | TURBINE.REAR | AIR | 1.00275 | 2.66848 | 1716 | 1.9945 | 65 | 1201 | 40838000 |
| PUMPS.SCAVENGE | TURBINE.REAR.POWER-SECTION | AIR | 1.00275 | 2.66848 | 1716 | 1.9945 | 65 | 1201 | 40840000 |
| PUMPS.SCAVENGE | MAIN.REDUCTION.ENGINE-OIL-SYSTEM | AIR | 3.34448 | 13.009 | 200 | .299 | 63 | 1114 | 40842000 |
| PUMPS.SCAVENGE | OIL.TURBINE.REAR.POWER-SECTION | AIR | 5.27509 | 14.0378 | 400 | .37914 | 65 | 1201 | 40844000 |
| PUMPS.SCAVENGE | OIL.TURBINE.FRONT.POWER-SECTION | AIR | 5.46119 | 14.533 | 244 | .36622 | 65 | 1201 | 40846000 |
| PUMPS.SCAVENGE | MAIN.REDUCTION.ENGINE-OIL-SYSTEM | AIR | 5.89761 | 15.6944 | 200 | .33912 | 63 | 1198 | 40848000 |
| PUMPS.SCAVENGE | TURBINE.FRONT.POWER-SECTION | AIR | 6.51792 | 9.50511 | 1716 | 1.9945 | 65 | 1201 | 40850000 |
| PUMPS.SCAVENGE | TURBINE.FRONT.POWER-SECTION | AIR | 10.5501 | 21.0833 | 400 | .37914 | 65 | 1201 | 40852000 |
| PUMPS.SCAVENGE | OIL.MAIN.REDUCTION-GEAR | AIR | 12.5355 | 21.0793 | 708 | .35841 | 65 | 1201 | 40854000 |
| PUMPS.SCAVENGE | FUEL-SYSTEM | AIR | 15.0382 | 25.2876 | 400 | .46548 | 65 | 1198 | 40856000 |
| PUMPS.SCAVENGE | FUEL-SYSTEM | AIR | 16.129 | 62.737 | 272 | .062 | 63 | 1114 | 40858000 |
| PUMPS.SCAVENGE | FUEL-SYSTEM | AIR | 26.7558 | 43.4605 | 200 | .299 | 63 | 1114 | 40860000 |
| PUMPS.SCAVENGE | FUEL-SYSTEM | AIR | 29.488 | 45.4312 | 200 | .33912 | 63 | 1198 | 40862000 |
| PUMPS.SCAVENGE | TURBINE.FRONT.POWER-SECTION | AIR | 38.8896 | 83.1699 | 240 | .20571 | 65 | 1201 | 40864000 |
| PUMPS.SCAVENGE | FUEL-SYSTEM | AIR | 49.2484 | 64.439 | 200 | .50763 | 65 | 1198 | 40866000 |
| PUMPS.SCAVENGE | FUEL-SYSTEM | AIR | 59.49 | 79.8422 | 408 | .353 | 63 | 1114 | 40868000 |
| PUMPS.SCAVENGE | TURBINE.FRONT.POWER-SECTION | AIR | 68.0484 | 89.5504 | 448 | .35269 | 65 | 1201 | 40870000 |
| PUMPS.SCAVENGE | NO3-BEARING.PROPULSION-SYSTEM | AIR | 153.139 | 407.526 | 86 | .01306 | 66 | 1240 | 40872000A |
| PUMPS.SCAVENGE.BEARING | ENGINE/CONSTANT-SPEED-DRIVE-OIL-SYSTEM | AIR | * | 4.66585 | 912 | .4935 | 66 | 1250 | 40874000 |
| PUMPS.SCAVENGE.BEARING/CSD-OIL-SYSTEM | | AIR | * | 7.76227 | 576 | .29684 | 65 | 1227 | 40876000 |
| PUMPS.SCAVENGE.DIFFUSER | ENGINE-OIL-SYSTEM | AIR | * | 4.94672 | 400 | .46548 | 65 | 1198 | 40878000 |
| PUMPS.SCAVENGE.DIFFUSER | ENGINE-OIL-SYSTEM | AIR | 1.96693 | 7.66247 | 200 | .50763 | 65 | 1198 | 40880000 |
| PUMPS.SCAVENGE.DIFFUSER | ENGINE-OIL-SYSTEM | AIR | 2.83286 | 11.0189 | 408 | .353 | 63 | 1114 | 40882000 |
| PUMPS.SCAVENGE.DIFFUSER | POWER-SECTION | AIR | 4.5124 | 7.12258 | 1716 | 1.9945 | 65 | 1201 | 40884000 |
| PUMPS.SCAVENGE.DIFFUSER | ENGINE-OIL-SYSTEM | AIR | 5.89761 | 15.6944 | 200 | .33912 | 63 | 1198 | 40886000 |

PART CLASS 575 PUMPS AND HYDRAULIC MOTORS

| PART DESCRIPTION .00 N.O.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| PUMPS.SCAVENGE.DIFFUSER | ENGINE-OIL-SYSTEM | AIR | 6.68896 | 17.0803 | 200 | .299 | 63 | 1114 | 40928000 |
| PUMPS.SCAVENGE.DIFFUSER | POWER-SECTION | AIR | 8.30809 | 18.9424 | 448 | .35269 | 65 | 1201 | 40930000 |
| PUMPS.SCAVENGE.DIFFUSER | POWER-SECTION | AIR | 10.5901 | 21.0833 | 400 | .37914 | 65 | 1201 | 40932000 |
| PUMPS.SCAVENGE.DIFFUSER | POWER-SECTION | AIR | 19.4448 | 38.8583 | 260 | .20571 | 65 | 1201 | 40934000 |
| PUMPS.SCAVENGE.DUPLEX | OIL-SYS.GTC-AUX-POWER | AIR | 8.59328 | 33.4252 | 100 | .11637 | 65 | 1198 | 40896000 |
| PUMPS.SCAVENGE.DUPLEX | OIL-SYS.GTC.AUX-POWER | AIR | 11.7992 | 45.8799 | 50 | .08478 | 63 | 1198 | 40898000 |
| PUMPS.SCAVENGE.DUPLEX | OIL-SYS.GTC.AUX-POWER | AIR | 13.3333 | 51.8626 | 90 | .075 | 63 | 1114 | 40900000 |
| PUMPS.SCAVENGE.DUPLEX | OIL-SYS.GTC.AUX-POWER | AIR | 15.7891 | 41.9375 | 50 | .12691 | 65 | 1198 | 40902000 |
| PUMPS.SCAVENGE.DUPLEX | OIL-SYS.GTC.AUX-POWER | AIR | 22.7272 | 60.4806 | 102 | .088 | 63 | 1114 | 40904000 |
| PUMPS.SCAVENGE.ENG-OIL | FORWARD-AND-AFT-TURBINE | AIR | 3.22264 | 7.17617 | 800 | .93097 | 65 | 1198 | 40906000 |
| PUMPS.SCAVENGE.ENG-OIL | FORWARD-AND-AFT-TURBINE | AIR | 5.90958 | 10.3739 | 400 | 1.0153 | 65 | 1198 | 40908000 |
| PUMPS.SCAVENGE.ENG-OIL | FORWARD-AND-AFT-TURBINE | AIR | 8.06451 | 31.3685 | 544 | .124 | 63 | 1114 | 40910000 |
| PUMPS.SCAVENGE.ENG-OIL | FORWARD-AND-AFT-TURBINE | AIR | 8.49858 | 14.9179 | 818 | .706 | 63 | 1114 | 40912000 |
| PUMPS.SCAVENGE.ENG-OIL | FORWARD-AND-AFT-TURBINE | AIR | 21.7028 | 31.6493 | 400 | .599 | 63 | 1114 | 40914000 |
| PUMPS.SELF-PRIMING | | AIR | 22.1163 | 31.394 | 400 | .67823 | 63 | 1198 | 40916000 |
| PUMPS.STANDBY | CAMERA-VACUUM-SYSTEM | AIR | .161865 | .430746 | | 12.356 | 65 | 2232 | 40918000 |
| PUMPS.STANDBY | CAMERA-VACUUM-SYSTEM | AIR | 31.9081 | 124.112 | 180 | .09134 | 63 | 1198 | 40920000 |
| PUMPS.SUCTION-BOOST | HYDRAULIC-POWER-SUPPLY | AIR | 35.7142 | 138.917 | 150 | .028 | 63 | 1114 | 40922000 |
| PUMPS.SUCTION-BOOST | HYDRAULIC-POWER-SUPPLY | AIR | 225.806 | 379.796 | 136 | .031 | 63 | 1114 | 40924000 |
| PUMPS.SUCTION-BOOST | HYDRAULIC-POWER-SUPPLY | AIR | 442.553 | 503.843 | 200 | .23274 | 65 | 1198 | 40926000 |
| PUMPS.SUCTION-BOOST | HYDRAULIC-POWER-SUPPLY | AIR | 764.221 | 839.557 | 100 | .25382 | 65 | 1198 | 40928000 |
| PUMPS.SUCTION-BOOST | HYDRAULIC-POWER-SUPPLY | AIR | 823.863 | 910.656 | 204 | .176 | 63 | 1114 | 40930000 |
| PUMPS.SUCTION-BOOST | HYDRAULIC-POWER-SUPPLY | AIR | 1291.57 | 1410.76 | 100 | .16956 | 63 | 1198 | 40932000 |
| PUMPS.SUCTION-BOOST | HYDRAULIC-POWER-SUPPLY | AIR | 1348.99 | 1479.29 | 100 | .149 | 63 | 1114 | 40934000 |
| PUMPS.SWITCH.PRESS-OR-FLOW | | MSL | 0 | 2902.6 | | .001 | 57 | 212 | 40936000 |
| PUMPS.THRUST-REV | EXHAUST.800 | AIR | 230P | | | | 66 | 2360 | 40938000 |
| PUMPS.THRUST-REV | EXHAUST.800 | AIR | 280P | | | | 65 | 2360 | 40940000 |
| PUMPS.THRUST-REV | EXHAUST.800 | AIR | 330P | | | | 66 | 2360 | 40942000 |
| PUMPS.TOILET-FLUSH | WATER/WASTE.707-1318 | AIR | 20P | | | | 66 | 2361 | 40944000 |
| PUMPS.TOILET-FLUSH | WATER/WASTE.707-3318 | AIR | 30P | | | | 66 | 2361 | 40946000 |
| PUMPS.TOILET-FLUSH | WATER/WASTE.707-3318 | AIR | 60P | | | | 66 | 2361 | 40948000 |
| PUMPS.TOILET-FLUSH | WATER/WASTE.707-1318 | AIR | 80P | | | | 65 | 2361 | 40950000 |
| PUMPS.TOILET-FLUSH | WATER/WASTE.707-1318 | AIR | 100P | | | | 66 | 2361 | 40952000 |
| PUMPS.TOILET-FLUSH | WATER/WASTE.338C/573C | AIR | 100P | | | | 66 | 2360 | 40954000 |
| PUMPS.TOILET-FLUSH | WATER/WASTE.707-1318 | AIR | 30P | | | | 66 | 2364 | 40956000 |
| PUMPS.TOILET-FLUSH | WATER/WASTE.707-3318 | AIR | 70P | | | | 66 | 2364 | 40958000 |
| PUMPS.TOILET-FLUSH | WATER/WASTE.707-3318 | AIR | 90P | | | | 66 | 2364 | 40960000 |
| PUMPS.TOILET-FLUSH | WATER/WASTE.707-1318 | AIR | 80P | | | | 65 | 2364 | 40962000 |
| PUMPS.TOILET-FLUSH | WATER/WASTE.707-3318 | AIR | 170P | | | | 65 | 2364 | 40964000 |
| PUMPS.TRANSFER/DRAIN. SINGLE-POINT-REFUELING | | AIR | 60.1529 | 101.15 | 100 | .11637 | 65 | 1198 | 40966000 |
| PUMPS.TRANSFER/DRAIN. SINGLE-POINT-REFUELING | | AIR | 63.0367 | 102.393 | 80 | .12691 | 65 | 1198 | 40968000 |
| PUMPS.TRANSFER/DRAIN. SINGLE-POINT-REFUELING | | AIR | 68.1818 | 119.682 | 102 | .088 | 63 | 1114 | 40970000 |

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y. NONELECTRONIC PART FAILURE RATE DATA JANUARY 1968

SECTION I FAILURE RATE DATA

PART CLASS 575 PUMPS AND HYDRAULIC MOTORS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| PUMPS.TRANSFER/DRAIN. SINGLE-POINT-REFUELING | | AIR | 165.133 | 237.414 | 50 | .08478 | 63 | 1198 | 40972000 |
| PUMPS.TRANSFER/DRAIN. SINGLE-POINT-REFUELING | | AIR | 186.666 | 268.373 | 50 | .075 | 63 | 1114 | 40974000 |
| PUMPS.VACUUM | PRESSURE-CALIBRATION-RACK | GRD | * | 1098.47 | | .0021 | 62 | 1141 | 40976000 |
| PUMPS.VACUUM | | LAB | 0 | | | | 63 | 1138 | 40978000 |
| PUMPS.VACUUM | | AIR | 26.0869 | 58.0939 | | .115 | 61 | 1084 | 40980000 |
| PUMPS.VACUUM | | AIR | 285.714 | 760.328 | | .007 | 61 | 1082 | 40982000 |
| PUMPS.VERTICAL.TWO-STAGE | | | 3.40873 | 5.14352 | | 3.2270 | 65 | 2232 | 40984000 |
| PUMPS.WATER.MAKE-UP | | | * | 51.7903 | | .04446 | 64 | 2232 | 40986000 |
| PUMPS.WATER.MAKE-UP | | | 15.774 | | | | 64 | 2232 | 40988000 |
| PUMPS.WATER-GALLEY-3730 | WATER/WASTE.707-131B | AIR | 70P | | | | 66 | 2364 | 40990000 |
| PUMPS.WATER-GALLEY-3730 | WATER/WASTE.707-131 | AIR | 70P | | | | 65 | 2364 | 40992000 |
| PUMPS.WATER-GALLEY-3730 | WATER/WASTE.707-131 | AIR | 130P | | | | 65 | 2361 | 40994000 |
| PUMPS.WATER-GALLEY-3730 | WATER/WASTE.707-331 | AIR | 140P | | | | 66 | 2361 | 40996000 |
| PUMPS.WATER-GALLEY-3730 | WATER/WASTE.707-331B | AIR | 140P | | | | 66 | 2361 | 40998000 |
| PUMPS.WATER-GALLEY-3730 | WATER/WASTE.707-331B | AIR | 150P | | | | 65 | 2364 | 41000000 |
| PUMPS.WATER-GALLEY-3730 | WATER/WASTE.707-131 | AIR | 170P | | | | 66 | 2364 | 41002000 |
| PUMPS.WATER-GALLEY-3730 | WATER/WASTE.707-131B | AIR | 180P | | | | 66 | 2361 | 41004000 |
| PUMPS.WATER-GALLEY-3730 | WATER/WASTE.707-131 | AIR | 220P | | | | 66 | 2364 | 41006000 |
| PUMPS.WATER-GALLEY-3730 | WATER/WASTE.707-131 | AIR | 220P | | | | 66 | 2361 | 41008000 |
| PUMPS.WATER-GALLEY-3730 | WATER/WASTE.707-131 | AIR | 230P | | | | 66 | 2361 | 41010000 |
| PUMPS.WATER-GALLEY-3730 | WATER/WASTE.707-331B | AIR | 240P | | | | 66 | 2364 | 41012000 |
| PUMPS.WATER-GALLEY-3730 | WATER/WASTE.707-131B | AIR | 300P | | | | 66 | 2364 | 41014000 |
| PUMPS.WATER-GALLEY-3730 | WATER/WASTE.707-331B | AIR | 320P | | | | 65 | 2364 | 41016000 |
| PUMPS.WATER-GALLEY-3730 | WATER/WASTE.707-331B | AIR | 320P | | | | 66 | 2361 | 41018000 |
| PUMPS.WATER-GALLEY-3730 | WATER/WASTE.707-131B | AIR | 340P | | | | 66 | 2361 | 41020000 |
| PUMPS.WATER-GALLEY-3730 | WATER/WASTE.707-331B | AIR | 340P | | | | 66 | 2364 | 41022000 |
| PUMPS.WATER-GALLEY-3730 | WATER/WASTE.707-331B | AIR | 340P | | | | 66 | 2364 | 41024000 |
| PUMPS.WATER-GALLEY-3730 | WATER/WASTE.707-131B | AIR | 370P | | | | 65 | 2361 | 41026000 |
| PUMPS.WATER-GALLEY-3730 | WATER/WASTE.707-131B | AIR | 490P | | | | 65 | 2364 | 41028000 |
| PUMPS.WATER-GALLEY-3730 | WATER/WASTE.707-331 | AIR | 660P | | | | 66 | 2361 | 41030000 |
| PUMPS.WATER-GALLEY-3730 | WATER/WASTE.707-331B | AIR | 680P | | | | 66 | 2364 | 41032000 |
| PUMPS.WATER-INJECTION | WATER-INJECTION.707-131 | AIR | 220P | | | | 66 | 2361 | 41034000 |
| PUMPS.WATER-INJECTION | WATER-INJECTION.707-131 | AIR | 280P | | | | 66 | 2361 | 41036000 |
| PUMPS.WATER-INJECTION | WATER-INJECTION.707-131 | AIR | 340P | | | | 66 | 2361 | 41038000 |
| PUMPS.WATER-INJECTION | WATER-INJECTION.707-131 | AIR | 400P | | | | 66 | 2361 | 41040000 |
| PUMPS.WATER-INJECTION | WATER-INJECTION.707-131 | AIR | 980P | | | | 65 | 2361 | 41042000 |
| PUMPS.WATER-INJECTION | WATER-INJECTION.707-131 | AIR | 1170P | | | | 65 | 2361 | 41044000 |
| PUMPS.WATER/ALCOHOL | | AIR | * | 54.3707 | 90 | .04235 | 64 | 1144 | 41046000A |
| PUMPS.35PSI.ENGINE-OIL | OIL-SYSTEM.ENGINE | AIR | 133.333 | 266.451 | 120 | .03 | 65 | 1215 | 41046000 |
| PUMPS-AND-MTR-TOILET-FLUSH | WATER/WASTE.727 | AIR | 60P | | | | 66 | 2360 | 41050000 |
| PUMPS-AND-MTR-TOILET-FLUSH | WATER/WASTE.727 | AIR | 120P | | | | 66 | 2360 | 41052000 |
| PUMPS-AND-MTR-TOILET-FLUSH | WATER/WASTE.727 | AIR | 460P | | | | 65 | 2360 | 41054000 |
| PUMPS-ENGINE-FUEL | ENGINE.FUEL-AND-CONTROL.880 | AIR | 40P | | | | 66 | 2363 | 41056000 |

PART CLASS 575 PUMPS AND HYDRAULIC MOTORS

| PART DESCRIPTION .00 G.E.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| PUMPS-ENGINE-FUEL | ENGINE.FUEL-AND-CONTROL.000 | AIR | 50P | | | | 65 | 2363 | 41058000 |
| PUMPS-ENGINE-FUEL | ENGINE.FUEL-AND-CONTROL.000 | AIR | 80P | | | | 66 | 2363 | 41060000 |
| PUMPS-FUEL-BOOST-AND-TRANSFER | FUEL.000 | AIR | 130P | | | | 66 | 2363 | 41062000 |
| PUMPS-FUEL-BOOST-AND-TRANSFER | FUEL.000 | AIR | 200P | | | | 65 | 2353 | 41064000 |
| PUMPS-FUEL-BOOST-AND-TRANSFER | FUEL.000 | AIR | 210P | | | | 66 | 2363 | 41066000 |
| PUMPS-MOTOR-COMBINATION .20 CENTRIFUGAL | | AIR GND | 103.446 | 138.838 | | .203 | 58 | 212 | 41068000 |
| FUEL-OR-OIL. | | AIR | 3.38P | | | | 65 | 2590 | 41070000 |
| FUEL-OR-OIL. ELECTRIC-MOTOR-ACTUATION | | AIR | .09P | | | | 65 | 2590 | 41072000 |
| FUEL-OR-OIL. ELECTRIC-MOTOR-ACTUATION | | AIR | .51P | | | | 65 | 2590 | 41074000 |
| FUEL-OR-OIL. ELECTRIC-MOTOR-ACTUATION | | AIR | 1.77P | | | | 65 | 2590 | 41076000 |
| FUEL-OR-OIL. ELECTRIC-MOTOR-ACTUATION BOOST | | AIR | 1.18P | | | | 65 | 2590 | 41078000 |
| FUEL-OR-OIL. ELECTRIC-MOTOR-ACTUATION BOOST.AUXILLIARY | | AIR | 2.31P | | | | 65 | 2590 | 41080000 |
| FUEL-OR-OIL. ELECTRIC-MOTOR-ACTUATION BOOST.EXTERNAL | | AIR | .92P | | | | 65 | 2590 | 41082000 |
| FUEL-OR-OIL. ELECTRIC-MOTOR-ACTUATION BOOST-INTEGRAL-TANK | | AIR | .49P | | | | 65 | 2590 | 41084000 |
| FUEL-OR-OIL. ELECTRIC-MOTOR-ACTUATION JETTISON | | AIR | .1P | | | | 65 | 2590 | 41086000 |
| FUEL-OR-OIL. ELECTRIC-MOTOR-ACTUATION SCAVENGE | | AIR | .13P | | | | 65 | 2590 | 41088000 |
| FUEL-OR-OIL. ELECTRIC-MOTOR-ACTUATION SCAVENGE | | AIR | .5P | | | | 65 | 2590 | 41090000 |
| FUEL-OR-OIL. ELECTRIC-MOTOR-ACTUATION TRANSFER/DRAIN | | AIR | .51P | | | | 65 | 2590 | 41092000 |
| FUEL-OR-OIL. ELECTRIC-MOTOR-ACTUATION TRANSFER/DRAIN | | AIR | .64P | | | | 65 | 2590 | 41094000 |

PART CLASS 575 PUMPS AND HYDRAULIC MOTORS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .20 CENTRIFUGAL | | | | | | | | | |
| FUEL-OR-OIL. ELECTRIC-MOTOR-ACTUATION. JETTISON | | AIR | .05P | | | | 65 | 2590 | 41096000 |
| PUMPS | | | 1.42203 | 1.8087 | | 21.808 | 61 | 2232 | 41098000 |
| PUMPS | | | 5.40605 | 8.53315 | | 1.6648 | 65 | 2232 | 41100000 |
| PUMPS.BRINE | | GRD | 2.38208 | 5.30474 | 150 | 1.2596 | 65 | 1216 | 41102000A |
| PUMPS.FUEL | | AIR | 153.139 | 407.526 | 86 | .01304 | 66 | 1240 | 41104000A |
| PUMPS.FUEL.BOOST | | AIR | 96.8586 | 120.636 | 992 | .382 | 63 | 1111 | 41106000 |
| PUMPS.FUEL.WING-TRANSFER | | HELI | 765.696 | 1086.9 | 129 | .01959 | 66 | 1240 | 41108000A |
| PUMPS.HYDRAULIC. MECHANICAL-ACTUATION | | AIR | 6.16P | | | | 65 | 2590 | 41110000 |
| PUMPS.HYDRAULIC. MECHANICAL-ACTUATION. SUCTION-BOOST | | AIR | 4.67P | | | | 65 | 2590 | 41112000 |
| PUMPS.HYDRAULIC. MECHANICAL-ACTUATION. SUCTION-BOOST | | AIR | 7.66P | | | | 65 | 2590 | 41114000 |
| PUMPS.WATER.ELECTRIC-DRIVEN | | AIR | 62.5 | 139.183 | 124 | .048 | 63 | 1111 | 41116000 |
| PUMPS.WATER.ENGINE-DRIVEN | | AIR | 500 | 657.99 | 124 | .048 | 63 | 1111 | 41118000 |
| PUMPS.WITH-MOTOR | | | 2.76982 | 6.16822 | | 1.0833 | 63 | 2232 | 41120000 |
| .40 GEAR | | | | | | | | | |
| PUMPS.FUEL-OR-OIL | | AIR | .03P | | | | 65 | 2590 | 41122000 |
| PUMPS.FUEL-OR-OIL | | AIR | .08P | | | | 65 | 2590 | 41124000 |
| PUMPS.FUEL-OR-OIL. MECH.ACTUATION.ASSEMBLY. PRESSURE/SCAVENGE | | AIR | .08P | | | | 65 | 2590 | 41126000 |
| PUMPS.FUEL-OR-OIL. MECH.ACTUATION.ASSEMBLY. PRESSURE/SCAVENGE | | AIR | .64P | | | | 65 | 2590 | 41.28000 |
| PUMPS.FUEL-OR-OIL. MECH.ACTUATION.ASSMBLY. DIFFUSER-SCAVENGE | | AIR | .02P | | | | 65 | 2590 | 41130000 |
| PUMPS.FUEL-OR-OIL. MECH.ACTUATION.FWD/AFT. TURBINE-SCAVENGE | | AIR | .06P | | | | 65 | 2590 | 41132000 |
| PUMPS.FUEL-OR-OIL. MECHANICAL-ACTUATION | | AIR | .03P | | | | 65 | 2590 | 41134000 |
| PUMPS.FUEL-OR-OIL. MECHANICAL-ACTUATION | | AIR | .14P | | | | 65 | 2590 | 41136000 |
| PUMPS.FUEL-OR-OIL. MECHANICAL-ACTUATION | | AIR | .61P | | | | 65 | 2590 | 41138000 |
| PUMPS.FUEL-OR-OIL. MECHANICAL-ACTUATION | | AIR | 1.44P | | | | 65 | 2590 | 41140000 |

PART CLASS 575 PUMPS AND HYDRAULIC MOTORS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .40 GEAR | | | | | | | | | |
| PUMPS.FUEL-OR-OIL. MECHANICAL-ACTUATION. ASSEMBLY | | AIR | .47P | | | | 65 | 2590 | 41142000 |
| PUMPS.FUEL-OR-OIL. MECHANICAL-ACTUATION. ASSEMBLY | | AIR | .8P | | | | 65 | 2590 | 41144000 |
| PUMPS.FUEL-OR-OIL. MECHANICAL-ACTUATION. ASSEMBLY.PRESSURE | | AIR | .21P | | | | 65 | 2590 | 41146000 |
| PUMPS.FUEL-OR-OIL. MECHANICAL-ACTUATION. ASSEMBLY.PRESSURE | | AIR | .62P | | | | 65 | 2590 | 41148000 |
| PUMPS.FUEL-OR-OIL. MECHANICAL-ACTUATION. DUPLEX-OIL.SCAVENGE | | AIR | .16P | | | | 65 | 2590 | 41150000 |
| PUMPS.FUEL-OR-OIL. MECHANICAL-ACTUATION. OIL.SCAVENGE | | AIR | .4P | | | | 65 | 2590 | 41152000 |
| PUMPS.FUEL-OR-OIL. MECHANICAL-ACTUATION. OIL-PRESSURE | | AIR | .31P | | | | 65 | 2590 | 41154000 |
| PUMPS.FUEL-OR-OIL. MECHANICAL-ACTUATION. OIL-PRESSURE | | AIR | .72P | | | | 65 | 2590 | 41156000 |
| .50 RECIPROCATING | | | | | | | | | |
| PUMPS | COMPRESSOR | AIR | 1250 | 1774.36 | 31 | .012 | 63 | 1111 | 41158000 |
| PUMPS.HYDRAULIC.SERVO-CONTROL | | AIR | 333.333 | 666.129 | 31 | .012 | 63 | 1111 | 41160000 |
| .60 RADIAL | | | | | | | | | |
| PUMPS.PRESSURE | | AIR | 1416.66 | 1967.17 | 31 | .012 | 63 | 1111 | 41162000 |
| PUMPS.VACUUM | CAMERA | AIR | 416.666 | 772.831 | 31 | .012 | 63 | 1111 | 41164000 |

PART CLASS 576 PLATFORMS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 50 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.E.C. | | | | | | | | | |
| GYRO | NAVIGATION-INSTRUMENTATION | AIR | 3319.64 | 3583.18 | 406 | .08766 | 64 | 1179 | 41166000 |
| GYRO | NAVIGATION-INSTRUMENTATION | AIR | 3728.61 | 3969.91 | 473 | .11427 | 65 | 1228 | 41168000A |
| GYRO-STABILIZED | | AIR | 1556.42 | 2528.19 | | .00514 | 65 | 1188 | 41170000A |
| JUMP | TROOP-DOOR.CARGO-COMPARTMENT | AIR | 20.2265 | 78.6751 | 96 | .04944 | 65 | 1227 | 41172000 |
| STABILIZED | INERTIAL-NAVIGATION.ST-90S | GRD | 746.268 | 2902.76 | 7 | .00134 | 66 | 1245 | 41174000 |
| STABILIZED | INERTIAL-NAVIGATION.ST-124 | GRD | 819.672 | 1825.35 | 9 | .00366 | 66 | 1245 | 41176000 |
| .10 INERTIAL | | | | | | | | | |
| | AD/ASN-56-INERTIAL-NAVIGATION-SET | AIR | * | 12792.2 | | .00018 | 66 | 1241 | 41178000 |
| | ASN-48-INERTIAL-NAVIGATION-SET | AIR | 6225.68 | 7887.69 | | .00514 | 65 | 1188 | 41180000 |

PART CLASS 577 PORTS

| PART DESCRIPTION .00 M.B.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| | PITOT-STATIC-SYSTEM | AIR | • | 96.4641 | 62 | .02387 | 63 | 1111 | 41162000 |
| | PITOT-STATIC-SYSTEM.FLIGHT-INSTRUMENT | AIR | • | 3.39501 | 400 | .67823 | 63 | 1198 | 41164000 |
| | PITOT-STATIC-SYSTEM.FLIGHT-INSTRUMENT | AIR | • | 2.2679 | 400 | 1.0153 | 65 | 1198 | 41186000 |
| | PITOT-STATIC-SYSTEM.FLIGHT-INSTRUMENT | AIR | • | 2.47333 | 800 | .93037 | 65 | 1198 | 41188000 |
| | PITOT-STATIC-SYSTEM | AIR | 17.3782 | 27.4305 | 597 | .51789 | 67 | 1272 | 41190000 |
| | PITOT-STATIC-SYSTEM | AIR | 26.2534 | 58.465 | 473 | .11427 | 65 | 1228 | 41192000 |
| | PITOT-STATIC-SYSTEM | AIR | 45.6300 | 91.1881 | 406 | .08766 | 64 | 1179 | 41194000 |
| BLEED-AIR | DIFFUSER.BASIC-ENGINE | AIR | • | 5.9217 | 768 | .39552 | 65 | 1227 | 41196000 |
| BLEED-AIR | DIFFUSER.BASIC-ENGINE | AIR | • | 3.49939 | 1216 | .458 | 66 | 1250 | 41198000 |
| BOIL | FUEL-SYSTEM | AIR | • | 64.3884 | 93 | .03581 | 63 | 1111 | 41200000 |
| BOIL | WING-VENT-SYSTEM.FUEL | AIR | • | 96.4641 | 62 | .02387 | 63 | 1111 | 41202000 |

PART CLASS 58C PROBES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00) N.O.C. | | | | | | | | | |
| | TRANSMITTER.ANGLE-OF-ATTACK.TRK-58 | AIR | 4638.7 | 4970.39 | | .07653 | 66 | 1241 | 41204000 |
| ANTENNA | HF-COMMUNICATION-SYSTEM | AIR | 24.3111 | 94.5708 | 76 | .04113 | 66 | 1230 | 41236000A |
| ANTENNA | HF-COMMUNICATION-SYSTEM | AIR | 40.450 | 157.35 | 48 | .02472 | 65 | 1227 | 41208000 |
| ARRESTOR-RELAY-ASSEMBLY | COMMUNICATIONS.707-331B | AIR | 90P | | | | 66 | 2364 | 41210000 |
| ARRESTOR-RELAY-ASSEMBLY | COMMUNICATIONS.707-331B | AIR | 100P | | | | 66 | 2364 | 41212000 |
| ARRESTOR-RELAY-ASSEMBLY | COMMUNICATIONS.707-331B | AIR | 140P | | | | 66 | 2362 | 41214000 |
| ARRESTOR-RELAY-ASSEMBLY | COMMUNICATIONS.707-331 | AIR | 150P | | | | 66 | 2362 | 41214000 |
| ARRESTOR-RELAY-ASSEMBLY | COMMUNICATIONS.707-331 | AIR | 160P | | | | 66 | 2364 | 41218000 |
| ARRESTOR-RELAY-ASSEMBLY | COMMUNICATIONS.707-331B | AIR | 240P | | | | 66 | 2362 | 41220000 |
| ARRESTOR-RELAY-ASSEMBLY | COMMUNICATIONS.707-331 | AIR | 310P | | | | 65 | 2364 | 41222000 |
| ARRESTOR-RELAY-ASSEMBLY | COMMUNICATIONS.707-331 | AIR | 340P | | | | 66 | 2364 | 41224000 |
| ARRESTOR-RELAY-ASSEMBLY | COMMUNICATIONS.707-331B | AIR | 420P | | | | 65 | 2364 | 41226000 |
| ARRESTOR-RELAY-ASSEMBLY | COMMUNICATIONS.707-331 | AIR | 680P | | | | 66 | 2362 | 41228000 |
| CAPACITANCE-INDICATING. OXYGEN | | AIR | 55.5555 | 147.841 | 93 | .036 | 63 | 1111 | 41230000 |
| CRYSTAL-TRANSDUCER | WATER-VELOCITY | SUB | 1324.5 | 2046.61 | 10 | .00755 | 65 | 1246 | 41232000A |
| CRYSTAL-TRANSDUCER | WATER-VELOCITY | SUB | 1587.3 | 2786.26 | 5 | .00378 | 65 | 1246 | 41234000A |
| CRYSTAL-TRANSDUCER.WATER-VELOCITY | | SHP | 1666.66 | 2567.77 | 10 | .006 | 64 | 1161 | 41236000A |
| CRYSTAL-TRANSDUCER.WATER-VELOCITY | | SHP | 2000 | 3510.7 | 5 | .003 | 64 | 1161 | 41238000A |
| DETECTOR.ICE | | HELI | 86.7652 | 193.086 | 40 | .0346 | 66 | 1257 | 41240000 |
| DETECTOR.ICE | | HELI | 157.853 | 420.071 | 40 | .01267 | 66 | 1257 | 41242000 |
| DETECTOR.ICE | | HELI | 185.185 | 720.314 | 20 | .0054 | 66 | 1257 | 41244000 |
| FUEL-QUANTITY | TANK | AIR | 37.267 | 41.7233 | 4179 | 3.6225 | 67 | 1272 | 41246000 |
| FUEL-QUANTITY | TANK | AIR | 47.5071 | 58.9922 | 3311 | .79988 | 65 | 1228 | 41248000 |
| HUMIDITY-TEMP | AN/AMQ-7.RL-454 | AIR | * | 220.344 | 50 | .01045 | 63 | 1198 | 41250000 |
| OXIDIZER | | GRD | 913.242 | 2430.27 | | .00219 | 62 | 213 | 41252000 |
| OXIDIZER | | GRD | 913.242 | 2430.27 | 34 | .00219 | 62 | 1113 | 41254000 |
| OXIDIZER | | GRD | 1290.32 | 2578.56 | 46 | .0031 | 63 | 1125 | 41256000 |
| PRESSURE | PITOT-STATIC-SYSTEM | AIR | 42.48 | 56.6148 | 597 | .51789 | 67 | 1272 | 41258000 |
| PRESSURE | PITOT-STATIC-SYSTEM | AIR | 68.4462 | 120.147 | 406 | .08766 | 64 | 1179 | 41260000 |
| PRESSURE | PITOT-STATIC-SYSTEM | AIR | 78.7608 | 124.319 | 473 | .11427 | 65 | 1228 | 41262000 |
| PRESSURE.EXHAUST | | AIR | 336.842 | 426.765 | 248 | .095 | 63 | 1111 | 41264000 |
| PRESSURE.INLET | | AIR | * | 24.1109 | 248 | .0955 | 63 | 1111 | 41256000 |
| PRESSURE-RATIO | ENGINE | AIR | .868357 | 1.37764 | 2128 | 1.1516 | 66 | 1250 | 41268000 |
| PRESSURE-RATIO | ENGINE | AIR | 13.0027 | 20.9241 | 1344 | .69216 | 65 | 1227 | 41270000 |
| QUANTITY.FUEL | TANK.ENGINE-INSTRUMENTATION | AIR | 2.15517 | 5.13523 | 4080 | .928 | 63 | 1114 | 41272000 |
| QUANTITY.FUEL | TANK.ENGINE-INSTRUMENTATION | AIR | 12.3317 | 16.3279 | 1100 | 1.8651 | 63 | 1198 | 41274000 |
| QUANTITY.FUEL | TANK.ENGINE-INSTRUMENTATION | AIR | 13.3495 | 17.7914 | 1100 | 1.648 | 63 | 1114 | 41276000 |
| QUANTITY.FUEL | TANK.ENGINE-INSTRUMENTATION | AIR | 19.3347 | 28.9441 | 4800 | 5.5858 | 65 | 1198 | 41278000 |
| QUANTITY.FUEL | TANK | AIR | 27.7039 | 38.6695 | 2842 | .81363 | 64 | 1179 | 41280000 |
| QUANTITY.FUEL | R/H-REAR-AFT-FUSELAGE | AIR | 33.6927 | 131.054 | | .02968 | 63 | 1123 | 41282000A |
| QUANTITY.FUEL | | AIR | 75.9013 | 87.9762 | 6080 | 1.054 | 61 | 1080 | 41284000A |
| QUANTITY.FUEL | TANK.ENGINE-INSTRUMENTATION | AIR | 88.5478 | 94.7 | 4896 | 4.235 | 63 | 1114 | 41286000 |

PART CLASS 500 PROBES

| PART DESCRIPTION .00 N.O.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| QUANTITY.FUEL | FWD-FUSELAGE-CELL | AIR | 93.4907 | 151.86 | | .08557 | 65 | 1123 | 41268000A |
| QUANTITY.FUEL | WING-CELL.LOWER-CENTER | AIR | 93.4907 | 151.86 | | .08557 | 63 | 1123 | 41290000A |
| QUANTITY.FUEL | TANK.ENGINE-INSTRUMENTATION | AIR | 104.077 | 169.57 | 2400 | 6.0916 | 65 | 1198 | 41292000 |
| QUANTITY.FUEL | TANK.ENGINE-INSTRUMENTATION | MILI | 105.263 | 210.356 | 120 | .038 | 66 | 1257 | 41294000 |
| QUANTITY.FUEL | WING-CELL | AIR | 140.901 | 236.934 | | .04968 | 63 | 1123 | 41296000A |
| QUANTITY.FUEL | TANK.AFT | AIR | 172.862 | 198.177 | 424 | .538 | 64 | 1266 | 41298000A |
| QUANTITY.FUEL | TANK.FORWARD | AIR | 336.431 | 378.797 | 424 | .538 | 64 | 1266 | 41300000A |
| QUANTITY.FUEL-L/H-FWD-AFT | TANK.FORWARD-MAIN | AIR | 589.473 | 703.836 | 76 | .095 | 64 | 1266 | 41302000A |
| QUANTITY.LIQUID-LEVEL | | AIR | * | 46.3486 | | .04968 | 63 | 1123 | 41304000A |
| SENSING.AIR-INLET | | AIR | 89.1265 | 107.557 | 1457 | .561 | 63 | 1111 | 41306000 |
| SENSING.FUEL-TEMPERATURE | | AIR | 28.5714 | 111.134 | 320 | .035 | 61 | 1080 | 41308000A |
| TEMPERATURE.STAG | | AIR | * | 65.7885 | 320 | .035 | 61 | 1080 | 41310000A |
| TEMPERATURE.TOTAL | FLIGHT-INSTRUMENTATION | AIR | 145.454 | 236.267 | 320 | .035 | 61 | 1080 | 41312000A |
| TEMPERATURE.TOTAL | FLIGHT-INSTRUMENTATION | AIR | 36.4697 | 81.2156 | 152 | .08226 | 66 | 1250 | 41314000 |
| | | AIR | 101.132 | 187.595 | 96 | .04944 | 65 | 1227 | 41316000 |

PART CLASS 581 PROPELLERS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.E.C. | | | | | | | | | |
| | POWER-PLANT | AIR | 351.9 | 409.492 | 126 | .21397 | 65 | 1153 | 41310000 |
| ASSEMBLY | | AIR | 429.664 | 471.276 | 400 | .46548 | 65 | 1198 | 41320000 |
| ASSEMBLY | | AIR | 809.644 | 863.226 | 200 | .50763 | 65 | 1198 | 41322000 |
| ASSEMBLY | | AIR | 1433.12 | 1519.93 | 200 | .33912 | 63 | 1198 | 41324000 |
| ENGINE | | GRD | 913.242 | 2430.27 | | .00219 | 62 | 213 | 41326000 |
| HYDROMATIC | | AIR | 516.129 | 653.915 | 272 | .062 | 63 | 1114 | 41328000 |
| HYDROMATIC | | AIR | 779.036 | 842.157 | 408 | .353 | 63 | 1114 | 41330000 |
| HYDROMATIC | | AIR | 1494.98 | 1589.61 | 200 | .299 | 63 | 1114 | 41332000 |

PART CLASS 982 PUCKS

| PART DESCRIPTION .00 N.E.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| | BRAKE.HYDRAULIC.LANDING-GEAR | AIR | 0 | 1.69745 | 800 | 1.3565 | 63 | 1198 | 41334000 |
| | BRAKE.HYDRAULIC.LANDING-GEAR | AIR | .244239 | .957795 | 1600 | 4.0611 | 65 | 1198 | 41336000 |
| | BRAKE.HYDRAULIC.LANDING-GEAR | AIR | .354233 | 1.27786 | 3264 | 2.623 | 63 | 1114 | 41338000 |
| | BRAKE.HYDRAULIC.LANDING-GEAR | AIR | 2.41682 | 3.81481 | 3200 | 3.7239 | 65 | 1198 | 41340000 |
| | BRAKE.DISK.SELF-ADJUST.ROTARY-WING-HEAD | HELI | 8.0000 | 16.1485 | 2174 | .495 | 63 | 1114 | 41342000 |
| | | | 121.495 | 177.177 | 151 | .107 | 65 | 1227 | 41344000A |

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y. NONELECTRONIC PART FAILURE RATE DATA JANUARY 19[illegible]
SECTION I FAILURE RATE DATA

PART CLASS SEE PYLONS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .CO N.O.C. | | | | | | | | | |
| | EXTERNAL-TANK.FUEL-SYSTEM | AIR | * | 9.89344 | 200 | .23274 | 65 | 1198 | 41340000 |
| | WING-CENTER-SECTION | AIR | * | 764.983 | | .00331 | 63 | 1123 | 41348[illegible]00 |
| | WING | AIR | 18.237 | 40.6127 | 304 | .1645 | 62 | 1250 | 41350000 |
| | WING | AIR | 20.2265 | 53.8258 | 192 | .09888 | 65 | 1227 | 41352000 |
| | EXTERNAL-TANK.FUEL-SYSTEM | AIR | 53.0785 | 83.7815 | 100 | .16956 | 63 | 1198 | 41354000 |
| | MISSILE.L/H | HEAT | 100.644 | 186.668 | | .04968 | 63 | 1123 | 41356000 |
| STRUCTURAL | TAIL | AIR | 665.666 | 901.503 | 120 | .03 | 65 | 1215 | 41358000 |
| VENT | FWD/AFT-COMPARTMENT.FUEL-SYSTEM | AIR | * | 13.9798 | 100 | .16956 | 63 | 1198 | 41360000 |

PART CLASS 584 PULLEYS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.S.C. | | | | | | | | | |
| | WING-FLAP-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 41362000 |
| | COUNTERBALANCE.DOOR.MECHANICAL. PERSONNEL.CARGO-COMPARTMENT | AIR | * | 13.9975 | 304 | .1645 | 66 | 1250 | 41364000 |
| | RUDDER-ASSEMBLY | AIR | * | 1.16392 | 1700 | 1.5783 | 65 | 1198 | 41366000 |
| | RUDDER-ASSEMBLY | AIR | * | 10.0752 | 946 | .22854 | 65 | 1228 | 41368000 |
| | RELEASE,EMERGENCY,MAIN-LANDING-GEAR | AIR | * | 6.99878 | 608 | .329 | 66 | 1250 | 41370000 |
| | PITCH-TRIM-ACTUATOR | AIR | * | 93.0719 | 48 | .02474 | 65 | 1227 | 41372000 |
| | ELEVATOR-ASSEMBLY | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 41374000 |
| | ELEVATOR-SYSTEM.AFCS | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 41376000 |
| | ENGINE-CONTROLS | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 41378000 |
| | WING-FLAP-ASSEMBLY | AIR | * | 1.94001 | 700 | 1.1869 | 63 | 1198 | 41380000 |
| | RUDDER-CONTROL-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 41382000 |
| | LANDING-GEAR.MAIN | AIR | * | 5.03763 | 1992 | .45508 | 65 | 1228 | 41384000 |
| | DRIVE.CANOPY.INSTRUCTOR | AIR | * | 10.0752 | 946 | .22854 | 65 | 1228 | 41386000 |
| | DOOR.HYDRAULIC.AFT-CARGO | AIR | * | 2.2679 | 400 | 1.0153 | 65 | 1198 | 41388000 |
| | ENGINE-CONTROLS | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 41390000 |
| | RUDDER-CONTROL-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 41392000 |
| | ELEVATOR-ASSEMBLY | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 41394000 |
| | RUDDER-ASSEMBLY | AIR | * | 1.0673 | 550 | 2.1574 | 65 | 1198 | 41396000 |
| | WING-FLAP-ASSEMBLY | AIR | * | 1.52207 | 1300 | 1.5128 | 65 | 1198 | 41398000 |
| | AILERON-SYSTEM.AUTO-FLIGHT-CONTROL | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 41400000 |
| | ELEVATOR-SYSTEM.AFCS | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 41402000 |
| | COUNTERWEIGHT.DOOR.MECHANICAL. PARATROOP | AIR | * | 4.94672 | 400 | .46548 | 65 | 1198 | 41404000 |
| | ELEVATOR-ASSEMBLY | AIR | .46351 | 1.23347 | 1700 | 4.3149 | 65 | 1198 | 41406000 |
| | WING-FLAP-ASSEMBLY | AIR | .606134 | 2.35768 | 650 | 1.6498 | 65 | 1198 | 41408000 |
| | ELEVATOR-ASSEMBLY | AIR | .666667 | 1.7741 | 3468 | 3 | 63 | 1114 | 41410000 |
| | DOOR.HYDRAULIC.AFT-CARGO | AIR | .842531 | 3.27719 | 700 | 1.1869 | 63 | 1198 | 41412000 |
| | WING-FLAP-ASSEMBLY | AIR | .87184 | 3.39119 | 1326 | 1.147 | 63 | 1114 | 41414000 |
| | DOOR.HYDRAULIC.AFT-CARGO | AIR | .953209 | 3.708 | 700 | 1.049 | 63 | 1114 | 41416000 |
| | LANDING-GEAR.MAIN | AIR | .965531 | 3.75562 | 2388 | 1.0357 | 67 | 1272 | 41418000 |
| | AILERON-SYSTEM | AIR | .991539 | 2.20809 | 2400 | 3.0256 | 65 | 1198 | 41420000 |
| | ELEVATOR-ASSEMBLY | AIR | 1.01096 | 2.0203 | 3400 | 3.9566 | 65 | 1198 | 41422000 |
| | AILERON-SYSTEM | AIR | 1.30775 | 2.56229 | 2652 | 2.294 | 63 | 1114 | 41424000 |
| | RUDDER-ASSEMBLY | AIR | 1.41542 | 3.15206 | 1250 | 2.1195 | 63 | 1198 | 41426000 |
| | AILERON-SYSTEM | AIR | 1.81651 | 3.19212 | 1300 | 3.2994 | 65 | 1198 | 41428000 |
| | COUNTERWEIGHT.DOOR.MECHANICAL. PARATROOP | AIR | 1.96993 | 7.66247 | 200 | .50763 | 65 | 1198 | 41430000 |
| | COUNTERWEIGHT.DOOR.MECHANICAL. PARATROOP | AIR | 2.83286 | 11.0189 | 408 | .353 | 63 | 1114 | 41432000 |
| | RUDDER-CONTROL-SYSTEM | AIR | 2.89659 | 6.45051 | 1194 | 1.0357 | 67 | 1272 | 41434000 |
| | BRAKE-CONTROL,LANDING-GEAR | AIR | 2.9468 | 11.4699 | 200 | .33912 | 63 | 1198 | 41436000 |
| | ELEVATOR-ASSEMBLY | AIR | 3.42452 | 5.40542 | 1550 | 2.6281 | 63 | 1198 | 41438000 |
| | THROTTLE-CONTROL | AIR | 3.86212 | 7.71801 | 1194 | 1.0357 | 67 | 1272 | 41440000 |
| | BRAKE-CONTROL,LANDING-GEAR | AIR | 3.93987 | 10.4846 | 200 | .50763 | 65 | 1198 | 41442000 |

PART CLASS 584 PULLEYS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.E.C. | | | | | | | | | |
| | BRAKE-CONTROL.LANDING-GEAR | AIR | 4.29387 | 11.4266 | 460 | .46578 | 65 | 1198 | 41444000 |
| | THROTTLE-CONTROL | AIR | 4.3756 | 17.0197 | 946 | .22854 | 65 | 1228 | 41446000 |
| | DRIVE.CANOPY.STUDENT | AIR | 4.3756 | 17.0197 | 946 | .22854 | 65 | 1228 | 41448000 |
| | RELEASE.EMERGENCY.MAIN-LANDING-GEAR | AIR | 5.05919 | 19.6787 | 384 | .19766 | 65 | 1227 | 41450000 |
| | STEERING.LANDING-GEAR | AIR | 5.37634 | 20.9123 | 816 | .186 | 63 | 1114 | 41452000 |
| | STEERING.LANDING-GEAR | AIR | 5.66801 | 9.53109 | 1428 | 1.235 | 63 | 1114 | 41454000 |
| | DRIVE.CANOPY.STUDENT | AIR | 5.79318 | 10.169 | 1194 | 1.0357 | 67 | 1272 | 41456000 |
| | DRIVE.CANOPY.INSTRUCTOR | AIR | 5.79318 | 10.169 | 1194 | 1.0357 | 67 | 1272 | 41458000 |
| | COUNTERWEIGHT.DOOR.MECHANICAL. PARATROOP | AIR | 5.89761 | 22.9399 | 100 | .16956 | 63 | 1198 | 41460000 |
| | COUNTERWEIGHT.DOOR.MECHANICAL. PARATROOP | AIR | 6.7114 | 26.1053 | 100 | .149 | 63 | 1114 | 41462000 |
| | STEERING.LANDING-GEAR | AIR | 9.30898 | 13.5753 | 1200 | 1.3965 | 65 | 1198 | 41464000 |
| | STEERING.LANDING-GEAR | AIR | 10.1132 | 39.3375 | 192 | .09888 | 65 | 1227 | 41466000 |
| | THROTTLE-CONTROL | AIR | 11.4077 | 30.3576 | 812 | .17532 | 64 | 1179 | 41468000 |
| | RELEASE.ALTERNATE-SYS.LANDING-GEAR | AIR | 11.4077 | 44.3725 | 406 | .08766 | 64 | 1179 | 41470000 |
| | STEERING.LANDING-GEAR | AIR | 12.158 | 32.3344 | 304 | .1645 | 66 | 1250 | 41472000 |
| | STEERING.LANDING-GEAR | AIR | 12.9453 | 17.1403 | 700 | 1.7767 | 63 | 1198 | 41474000 |
| | DRIVE.TRANSFER-CASE.GENERATOR. (M-MILES) | GRD | 16.2074M | 63.0421M | 15 | .0617M | 66 | 1255 | 41476000 |
| | COUNTERBALANCE.DOOR.MECH.PERSONNEL. C-C | AIR | 20.2265 | 53.8258 | 192 | .09885 | 65 | 1227 | 41478000 |
| | ENGINE-CONTROLS | AIR | 22.7272 | 60.4806 | 602 | .088 | 63 | 1114 | 41480000 |
| | ENGINE-CONTROLS | AIR | 23.6387 | 52.642 | 50 | .12691 | 65 | 1198 | 41482000 |
| | PITCH-TRIM-ACTUATOR | AIR | 24.3131 | 94.5708 | 76 | .04113 | 66 | 1250 | 41484000 |
| | AILERON-SYSTEM.AFCS | AIR | 24.3831 | 94.5708 | 76 | .04113 | 66 | 1250 | 41486000 |
| | STEERING.LANDING-GEAR | AIR | 24.7702 | 33.2444 | 500 | .84779 | 63 | 1198 | 41488000 |
| | STEERING.LANDING-GEAR | AIR | 26.7022 | 36.1082 | 560 | .749 | 63 | 1114 | 41490000 |
| | AILERON-SYSTEM.FLIGHT-CONTROL | AIR | 28.5192 | 52.9015 | 812 | .17532 | 64 | 1179 | 41492000 |
| | AILERON-SYSTEM.FLIGHT-CONTROL | AIR | 30.6292 | 51.9047 | 946 | .22854 | 65 | 1228 | 41494000 |
| | FAN.ENGINE.(M-MILES) | GRD | 32.4149M | 90.2809M | 15 | .0617M | 66 | 1255 | 41496000 |
| | ENGINE-CONTROLS | AIR | 34.3731 | 68.6908 | 100 | .11537 | 65 | 1198 | 41498000 |
| | AILERON-SYSTEM.FLIGHT-CONTROL | AIR | 38.6212 | 47.6876 | 1194 | 1.0357 | 67 | 1272 | 41500000 |
| | DRIVE.ALTERNATOR.(M-MILES) | GRD | 46.6223M | 108.278M | 15 | .0617M | 66 | 1255 | 41502000 |
| | WING-FLAP-SYSTEM | AIR | 48.6263 | 129.401 | 76 | .04113 | 66 | 1250 | 41504000 |
| | AILERON-SYSTEM.FLIGHT-CONTROL | AIR | 80.9041 | 215.303 | 48 | .02472 | 65 | 1227 | 41506000 |
| | AILERON-SYSTEM.FLIGHT-CONTROL | AIR | 145.878 | 256.068 | 76 | .04113 | 66 | 1250 | 41508000 |
| | WING-SPOILER-SYSTEM | AIR | 170.192 | 286.187 | 76 | .04113 | 66 | 1250 | 41510000 |
| | ENGINE-CONTROLS | AIR | 213.333 | 299.354 | 50 | .075 | 63 | 1114 | 41512000 |
| | ENGINE-CONTROLS | AIR | 224.109 | 305.526 | 50 | .06478 | 63 | 1198 | 41514000 |
| | WING-SPOILER-SYSTEM | AIR | 242.718 | 426.055 | 48 | .02472 | 65 | 1227 | 41516000 |

PART CLASS 586 RACKS

| PART DESCRIPTION .00 N.O.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | FR 0* DATA AFT | FR 0* DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| | AVIONICS-EQUIPMENT.FUSELAGE.FORWARD.NOSE | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 41516000 |
| | AVIONICS-EQUIP.FUSELAGE.FORWARD.NOSE | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 41520000 |
| | BATTERY.DC-POWER-SUPPLY | AIR | * | 96.4641 | 62 | .02387 | 63 | 1111 | 41522000 |
| | PLENUM.COMM/IO/NAV-SYSTEM | SIM GRD AIR | * | 97.9281 | 195 | .02565 | 64 | 1181 | 41524000A |
| | ELECTRICAL-EQUIPMENT.FUSELAGE.FORWARD.NOSE | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 41526000 |
| | CLUSTER.BOMB-NAVIGATION-SYSTEM | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 41528000 |
| | CONTROL.COMPUTER-GROUP.ASG-19.FIRE-CONTROL | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 41530000 |
| | FIRE-CONTROL-SIGHT | SIM GRD AIR | * | 82.9765 | 195 | .02775 | 64 | 1181 | 41532000A |
| | ELECTRICAL-EQUIP.FUSELAGE.FORWARD.NOSE | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 41534000 |
| | SUPPORT.INJECTOR-CONTROL.(N=MILES) | GRD | 8.1103M | 31.5466M | 30 | .1233M | 66 | 1255 | 41536000 |
| | EJECTOR | AIR | 71.4285 | 125.382 | | .084 | 59 | 1070 | 41538000 |
| | ELECTRONIC-EQUIPMENT.COMMAND-SYSTEM | GRD | 126.582 | 492.367 | | .0079 | 62 | 1135 | 41540000 |
| | EQUIPMENT.FIRE-CONTROL-SYSTEM | AIR | 167.904 | 445.753 | 31 | .01194 | 63 | 1111 | 41542000 |
| | BOMB.BOMB-NAVIGATION-SYSTEM | AIR | 1047.33 | 1370.38 | 62 | .02387 | 63 | 1111 | 41544000 |
| | EQUIPMENT.FLIGHT-CONTROL/MEASUREMENT | AIR | 1498.12 | 2993.83 | 36 | .00267 | 66 | 1256 | 41546000A |
| | EQUIPMENT.FLIGHT-CONTROL/MEASUREMENT | AIR | 1872.65 | 3473.67 | 36 | .00267 | 66 | 1256 | 41548000A |
| | EJECTOR.BOMB.WING-PYLON.AERO-27A | AIR | 2617.8 | 2986.24 | | .0382 | 66 | 1263 | 41550000 |
| | EQUIPMENT.AUTO-DIRECTION-FINDER | AIR | 2621.72 | 4408.57 | 36 | .00267 | 66 | 1256 | 41552000A |
| | EQUIPMENT.FLIGHT-CONTROL/MEASUREMENT | AIR | 2621.72 | 4408.57 | 36 | .00267 | 66 | 1256 | 41554000A |
| | TACAN | AIR | 4494.38 | 6659.75 | 36 | .00267 | 66 | 1256 | 41556000A |
| AMPLIFIER | COMPASS | AIR | 70 | | | | 66 | 2380 | 41558000 |
| AMPLIFIER | COMPASS.DC-8 | AIR | 180 | | | | 66 | 2380 | 41560000 |
| COMPASS | COMPASS.8-720 | AIR | 220 | | | | 66 | 2380 | 41562000 |
| LEFT-HAND-FORWARD | SEARCH-RADAR | AIR | 5992.9 | 8408.83 | 36 | .00267 | 66 | 1256 | 41564000A |
| PORTABLE.AUX | SHORAN.AN/APN-84.MIRAN-SYSTEM | AIR | 99.6937 | 372.22 | 50 | .01045 | 63 | 1198 | 41566000 |
| PORTABLE.AUXILIARY | SHORAN.AN/APN-84.MIRAN-SYSTEM | AIR | 111.111 | 432.188 | 50 | .009 | 63 | 1114 | 41568000 |
| RIGHT-HAND-FORWARD | COMPUTER | AIR | 3370.78 | 5320.59 | 36 | .00267 | 66 | 1256 | 41570000A |
| STOWAGE | DROPSONDE.RADIOSONE.AN/ART-6 | AIR | * | 220.344 | 50 | .01045 | 63 | 1198 | 41572000 |
| TIE-DOWN.STOWAGE | CARGO-COMPARTMENT | AIR | * | 3.46793 | 528 | .2792 | 65 | 1227 | 41574000 |
| TIE-DOWN.STOWAGE | CARGO-COMPARTMENT | AIR | * | 5.08974 | 836 | .4524 | 66 | 1250 | 41576000 |

PART CLASS 587 RECORDERS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| | | SUB | 384.615 | 1496.03 | 30 | .6026 | 65 | 1246 | 41570000 |
| | AIRBORNE-FLIGHT-SYSTEM | AIR | 972.526 | 1200.83 | 76 | .04113 | 66 | 1250 | 41580000A |
| | AN/ASQ-10-MAGNETIC-ANOMALY-DETECTOR | AIR | 1703.3 | 1923.38 | 48 | .06869 | 64 | 1162 | 41582000 |
| | AIRBORNE-FLIGHT-SYSTEM | AIR | 2427.18 | 2680.21 | 48 | .02472 | 64 | 1179 | 41584000 |
| | CONTROL.RADAR.C-6068 | AIR | 3000 | 5266.05 | | .002 | 66 | 1241 | 41586000 |
| ANALOG.8-CHANNEL | | LAB | 209.499 | 249.351 | 76 | .27685 | 65 | 1222 | 41588000A |
| CHART | F-111 | AIR | * | 3198.05 | | .00072 | 62 | 2700 | 41590000 |
| COCKPIT-VOICE | | AIR | * | 83.488 | | .02758 | 66 | 2131 | 41592000 |
| COCKPIT-VOICE | | AIR | * | 388.952 | | .00592 | 66 | 2132 | 41594000 |
| COCKPIT-VOICE | | AIR | 152.609 | 408.778 | | .01362 | 66 | 2133 | 41596000 |
| COCKPIT-VOICE | | AIR | 193.548 | 339.745 | | .03100 | 66 | 2134 | 41598000 |
| DATA | AN/AQA-3-SYSTEM | AIR | 349.395 | 459.798 | 48 | .06869 | 64 | 1162 | 41600000 |
| DATA-SIGNAL | | AIR | 120.762 | 173.622 | | .11593 | 66 | 1241 | 41602000A |
| DIGITAL | | AIR | 161.897 | 188.786 | 1892 | .45708 | 65 | 1228 | 41604000 |
| MOBILE-INSPECTION-UNIT | | | | | | | | | |
| EVENT.100-CHANNEL | | LAB | 53.0785 | 106.071 | 20 | .07536 | 65 | 1222 | 41606000A |
| EVENT.32-CHANNEL | | LAB | 259.811 | 354.198 | 20 | .07713 | 65 | 1222 | 41608000A |
| FLIGHT | INSTRUMENTS.707.1318 | AIR | 110P | | | | 66 | 2361 | 41610000 |
| FLIGHT | INSTRUMENTS.707-3318 | AIR | 280P | | | | 66 | 2362 | 41612000 |
| FLIGHT | INSTRUMENTS.707.3318 | AIR | 340P | | | | 65 | 2361 | 41614000 |
| FLIGHT | INSTRUMENTS.707-331 | AIR | 340P | | | | 66 | 2362 | 41616000 |
| FLIGHT | | AIR | 400P | | | | 65 | 2359 | 41618000 |
| FLIGHT | INSTRUMENTS.707.131 | AIR | 440P | | | | 66 | 2361 | 41620000 |
| FLIGHT | INSTRUMENTS.707-131 | AIR | 490P | | | | 66 | 2362 | 41622000 |
| FLIGHT | INSTRUMENTS.707-3318 | AIR | 490P | | | | 66 | 2362 | 41624000 |
| FLIGHT | INSTRUMENTS.331C/373C | AIR | 490P | | | | 65 | 2365 | 41626000 |
| FLIGHT | INSTRUMENTS.707-1318 | AIR | 530P | | | | 65 | 2364 | 41628000 |
| FLIGHT | INSTRUMENTS.707-1318 | AIR | 530P | | | | 66 | 2364 | 41630000 |
| FLIGHT | INSTRUMENTS.331C/373C | AIR | 540P | | | | 66 | 2363 | 41632000 |
| FLIGHT | INSTRUMENTS.707.331 | AIR | 560P | | | | 66 | 2361 | 41634000 |
| FLIGHT | INSTRUMENTS.707-3318 | AIR | 580P | | | | 66 | 2364 | 41636000 |
| FLIGHT | INSTRUMENTS.880 | AIR | 600P | | | | 66 | 2360 | 41638000 |
| FLIGHT | INSTRUMENTS.880 | AIR | 630P | | | | 66 | 2365 | 41640000 |
| FLIGHT | INSTRUMENTS.707-331 | AIR | 670P | | | | 66 | 2364 | 41642000 |
| FLIGHT | INSTRUMENTS.707.3318 | AIR | 690P | | | | 66 | 2361 | 41644000 |
| FLIGHT | INSTRUMENTS.707-3318 | AIR | 700P | | | | 66 | 2361 | 41646000 |
| FLIGHT | INSTRUMENTS.880 | AIR | 720P | | | | 66 | 2360 | 41648000 |
| FLIGHT | INSTRUMENTS.707.331 | AIR | 790P | | | | 66 | 2361 | 41650000 |
| FLIGHT | INSTRUMENTS.727 | AIR | 810P | | | | 66 | 2365 | 41652000 |
| FLIGHT | INSTRUMENTS.707.1318 | AIR | 840P | | | | 66 | 2361 | 41654000 |
| FLIGHT | INSTRUMENTS.707-3318 | AIR | 850P | | | | 66 | 2364 | 41656000 |
| FLIGHT | INSTRUMENTS.707-131 | AIR | 890P | | | | 66 | 2364 | 41658000 |
| FLIGHT | INSTRUMENTS.707-331 | AIR | 930P | | | | 66 | 2362 | 41660000 |
| FLIGHT | INSTRUMENTS.727 | AIR | 940P | | | | 66 | 2365 | 41662000 |
| FLIGHT | INSTRUMENTS.707-331 | AIR | 940P | | | | 66 | 2364 | 41664000 |

SECTION I FAILURE RATE DATA

PART CLASS 587 RECORDERS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF ACFT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.E.C. | | | | | | | | | |
| FLIGHT | INSTRUMENTS.331C/373C | AIR | 960P | | | | 66 | 2360 | 41666000 |
| FLIGHT | INSTRUMENTS.707-3318 | AIR | 1090P | | | | 65 | 2362 | 41668000 |
| FLIGHT | INSTRUMENTS.727 | AIR | 1110P | | | | 66 | 2360 | 41670000 |
| FLIGHT | INSTRUMENTS.707-131 | AIR | 1130P | | | | 66 | 2364 | 41672000 |
| FLIGHT | INSTRUMENTS.707.131 | AIR | 1140P | | | | 66 | 2361 | 41674000 |
| FLIGHT | INSTRUMENTS.707-131 | AIR | 1140P | | | | 66 | 2362 | 41676000 |
| FLIGHT | INSTRUMENTS.880 | AIR | 1170P | | | | 66 | 2363 | 41678000 |
| FLIGHT | INSTRUMENTS.600 | AIR | 1210P | | | | 66 | 2365 | 41680000 |
| FLIGHT | INSTRUMENTS.727 | AIR | 1310P | | | | 66 | 2360 | 41682000 |
| FLIGHT | INSTRUMENTS.707-1318 | AIR | 1350P | | | | 66 | 2362 | 41684000 |
| FLIGHT | INSTRUMENTS.707-1318 | AIR | 1470P | | | | 66 | 2362 | 41686000 |
| FLIGHT | INSTRUMENTS.331C/373C | AIR | 1530P | | | | 66 | 2363 | 41688000 |
| FLIGHT | INSTRUMENTS.331C/373C | AIR | 1690P | | | | 65 | 2363 | 41690000 |
| FLIGHT | INSTRUMENTS.727 | AIR | 1740P | | | | 66 | 2363 | 41692000 |
| FLIGHT | INSTRUMENTS.880 | AIR | 1820P | | | | 66 | 2363 | 41694000 |
| FLIGHT | INSTRUMENTS.331C/37.C | AIR | 2000P | | | | 66 | 2360 | 41696000 |
| FLIGHT | INSTRUMENTS.727 | AIR | 2350P | | | | 66 | 2365 | 41698000 |
| FLIGHT | INSTRUMENTS.727 | AIR | 3350P | | | | 65 | 2365 | 41700000 |
| FLIGHT | INSTRUMENTS.727 | AIR | 3790P | | | | 65 | 2363 | 41702000 |
| FLIGHT | INSTRUMENTS.727 | AIR | 4120P | | | | 65 | 2360 | 41704000 |
| FLIGHT-DATA | | AIR | 337.837 | 899.037 | | .00592 | 66 | 2132 | 41706000 |
| FLIGHT-DATA | | AIR | 537.634 | 904.062 | | .01032 | 66 | 2133 | 41708000 |
| FLIGHT-DATA | | AIR | 543.872 | 772.023 | | .02758 | 66 | 2131 | 41710000 |
| FLIGHT-DATA | | AIR | 741.935 | 982.364 | | .03100 | 66 | 2134 | 41712000 |
| OSCILLOGRAPH.VARIABLE-SPEED.36-CHANNEL.10V | | LAB | 135.593 | 340.833 | 4 | .01475 | 65 | 1222 | 41714000A |
| SOUND | | AIR | 1470.58 | 1935.26 | | .01632 | 66 | 1241 | 41716000A |
| SOUND | | AIR | 1472.39 | 1937.64 | | .0163 | 66 | 1263 | 41718000 |
| TAPE | PA.SYSTEM | AIR | 2590 | | | | 66 | 2380 | 41720000 |
| TIME/TEMPERATURE | | AIR | 33.7919 | 39.58 | 2388 | 2.0715 | 67 | 1272 | 41722000 |
| TIME/TEMPERATURE | ENGINE-INSTRUMENT | AIR | 161.897 | 188.786 | 1892 | .45706 | 65 | 1223 | 41724000 |
| TIME/TEMPERATURE | | AIR | 510.495 | 562.952 | 1624 | .5074 | 62 | 1241 | 41726000 |
| VOICE | COMMUNICATIONS.707-131 | AIR | 230P | | | | 66 | 2361 | 41728000 |
| VOICE | COMMUNICATIONS.707-3318 | AIR | 410P | | | | 66 | 2361 | 41730000 |
| VOICE | COMMUNICATIONS.880 | AIR | 450P | | | | 66 | 2360 | 41732000 |
| VOICE | COMMUNICATIONS.707-1318 | AIR | 460P | | | | 66 | 2361 | 41734000 |
| VOICE | COMMUNICATIONS.707-331 | AIR | 530P | | | | 66 | 2361 | 41736000 |
| .59 TAPE, MULTIPLE CHANNEL, MAGNETIC | | | | | | | | | |
| REPRODUCERS.7-CHANNEL.4SPD | | LAB | 22435.8 | 28122.7 | 12 | .00156 | 65 | 1222 | 41738000S |

PART CLASS 588 RADIATORS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90% CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .OC N.O.C. | | | | | | | | | |
| | TRANSMITTER.ALT-6B | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 41740000 |
| COOLING | ENGINE.(M=MILES) | GRD | 16.2074M | 63.0421M | 15 | .0617M | 66 | 1255 | 41742000 |
| COOLING | ENGINE.(P=MILES) | GRD | 48.6223M | 108.278M | 15 | .0617M | 66 | 1255 | 41744000 |
| PLATE/FIN.TRANSMISSION-OIL. AIR/OIL | | HELI | 102.803 | 155.122 | 151 | .107 | 66 | 1234 | 41746000A |

PART CLASS 989 RADOMES

| PART DESCRIPTION .00 N.E.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| | FIRE-CONTROL.TOSI-BOMB-SYSTEM | SIN GRD AIR | * | 82.9765 | 199 | .02775 | 64 | 1181 | 41748000A |
| | AN/APR-6 | AIR | * | 220.344 | 50 | .01045 | 63 | 1198 | 41750000 |
| | | LAB | 3 | | | | 63 | 1138 | 41752000 |
| | DOPPLER-RADAR.AN/APN-147 | AIR | 31.9183 | 62.9899 | 50 | .12691 | 65 | 1198 | 41754000 |
| | DOPPLER-RADAR.AN/APN-147 | AIR | 48.6263 | 129.401 | 76 | .04113 | 66 | 1250 | 41756000A |
| | DOPPLER-RADAR.AN/APN-147 | AIR | 69.7442 | 111.667 | 100 | .11437 | 65 | 1198 | 41758000 |
| | DOPPLER-RADAR.AN/APN-147 | AIR | 121.359 | 270.258 | 48 | .02472 | 65 | 1227 | 41760000 |
| | NAVIGATION-707-1318 | AIR | 130P | | | | 66 | 2364 | 41762000 |
| | NAVIGATION.707-1318 | AIR | 130P | | | | 66 | 2362 | 41764000 |
| | NAVIGATION-707-1318 | AIR | 140P | | | | 65 | 2364 | 41766000 |
| | NAVIGATION.707-3310 | AIR | 140P | | | | 66 | 2361 | 41768000 |
| | NAVIGATION.707-3318 | AIR | 140P | | | | 66 | 2361 | 41770000 |
| | NAVIGATION.707-1318 | AIR | 160P | | | | 65 | 2362 | 41772000 |
| | DOPPLER-NAVIGATION-SYSTEM | SIN GRD AIR | 165.425 | 440.223 | 195 | .61209 | 64 | 1181 | 41774000A |
| | NOSE-CONE.FIBERGLASS.FIRE-CONTROL | AIR | 185.873 | 271.06 | | .06994 | 63 | 1123 | 41776000 |
| | NAVIGATION.707-131 | AIR | 230P | | | | 66 | 2361 | 41778000 |
| | NAVIGATION.707-3318 | AIR | 240P | | | | 66 | 2362 | 41780000 |
| | NAVIGATION.707-331 | AIR | 260P | | | | 66 | 2361 | 41782000 |
| | NAVIGATION.707-3318 | AIR | 280P | | | | 66 | 2362 | 41784000 |
| | NAVIGATION.707-131 | AIR | 300P | | | | 65 | 2362 | 41786000 |
| | ANTENNA.AN/ARC-52-UHF-COMMUNICATION-SYSTEM | AIR | 302.144 | 384.306 | 63 | .1026 | 64 | 1148 | 41788000 |
| | SEARCH-RADAR.AN/APN-59 | AIR | 323.624 | 525.675 | 48 | .02472 | 65 | 1227 | 41790000 |
| | NAVIGATION.707-331 | AIR | 340P | | | | 66 | 2362 | 41792000 |
| | SEARCH-RADAR.AN/APN-59 | AIR | 400 | 702.14 | 68 | .015 | 63 | 1114 | 41794000 |
| | SEARCH-RADAR.AN/APN-59 | AIR | 437.636 | 601.903 | 76 | .04113 | 66 | 1250 | 41796000A |
| | NAVIGATION.707-3318 | AIR | 530P | | | | 65 | 2362 | 41798000 |
| | NAVIGATION-707-131 | AIR | 350P | | | | 65 | 2364 | 41800000 |
| | SEARCH-RADAR-AN/APS-42 | AIR | 719.424 | 1437.68 | 50 | .00556 | 63 | 1198 | 41802000 |
| | SEARCH-RADAR-AN/APS-42 | AIR | 900 | 1598.71 | 50 | .005 | 63 | 1114 | 41804000 |
| | NAVIGATION-707-3318 | AIR | 850P | | | | 65 | 2364 | 41806000 |
| | NOSE-ASSEMBLY | GRD | 886.075 | 1489.98 | | .0079 | 62 | 1135 | 41808000 |
| | SEARCH-RADAR.AN/APN-59 | AIR | 1203.05 | 1344.12 | 100 | .11637 | 65 | 1198 | 41810000 |
| | SEARCH-RADAR.AN/APN-59 | AIR | 2488.79 | 2723.65 | 50 | .00478 | 63 | 1198 | 41812000 |
| | SEARCH-RADAR.AN/APN-59 | AIR | 2489.95 | 2679.22 | 50 | .12691 | 65 | 1198 | 41814000 |
| | SEARCH-RADAR.AN/APN-59 | AIR | 2511.34 | 2742 | 102 | .088 | 63 | 1114 | 41816000 |
| | SEARCH-RADAR.AN/APN-59 | AIR | 2785.71 | 3059.17 | 50 | .070 | 63 | 1114 | 41818000 |
| ASSEMBLY | | AIR | 27.7829 | 61.8707 | 69 | .10798 | 65 | 1155 | 41820000 |
| ASSEMBLY | | AIR | 55.5555 | 97.5194 | | .108 | 63 | 2108 | 41822000 |

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y. NONELECTRONIC PART FAILURE RATE DATA JANUARY 1968

SECTION I FAILURE RATE DATA

PART CLASS 591 RAFTS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| LIFE | SURVIVAL-EQUIPMENT | AIR | * | 6.99878 | 608 | .329 | 66 | 1250 | 41824000 |
| LIFE | SURVIVAL-EQUIPMENT | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 41826000 |
| LIFE | SURVIVAL-EQUIPMENT | AIR | 15.1699 | 33.7823 | 384 | .1977[illegible] | 65 | 1227 | 41828000 |
| LIFE | SURVIVAL-EQUIPMENT | AIR | 57.1282 | 75.2787 | 200 | .50769 | 65 | 1198 | 41830000 |
| LIFE | SURVIVAL-EQUIPMENT | AIR | 82.1329 | 105.378 | 408 | .353 | 63 | 1114 | 41832000 |
| LIFE | SURVIVAL-EQUIPMENT | AIR | 88.4642 | 112.983 | 200 | .33912 | 63 | 1198 | 41834000 |
| LIFE | SURVIVAL-EQUIPMENT | AIR | 100.334 | 128.144 | 200 | .299 | 63 | 1114 | 41836000 |
| LIFE | SURVIVAL-EQUIPMENT | AIR | 120.305 | 143.646 | 408 | .46548 | 65 | 1198 | 41838000 |

PART CLASS 562 RAILS

| PART DESCRIPTION .00 N.E.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| | SUN-VISOR.FLIGHT-DECK | AIR | 0 | 15.5975 | 564 | .1645 | 66 | 1298 | 41846000 |
| | SUN-VISOR.FLIGHT-DECK | AIR | 0 | 23.2068 | 192 | .09888 | 65 | 1227 | 41842000 |
| RESTRAINT | AIR-DROP-SYSTEM | AIR | 2.02265 | 7.84751 | 946 | .4944 | 65 | 1227 | 41844000 |
| RESTRAINT | AIR-DROP-SYSTEM | AIR | 2.43131 | 6.47089 | 1520 | .8226 | 66 | 1298 | 41846000 |

PART CLASS 593 REFRIGERATION DEVICES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF DATA | SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 M.B.C. | | | | | | | | | |
| CHILLERS.PACKAGED-LIQUID | | GRD | 21.4387 | 27.7536 | 150 | 1.2594 | 65 | 1216 | 41848000A |
| REFRIGERATOR.GALLEY | EQUIPMENT/FURNISHINGS.707-1318 | AIR | 70P | | | | 66 | 2362 | 41850000 |
| REFRIGERATOR.GALLEY | EQUIPMENT/FURNISHINGS.727 | AIR | 120P | | | | 66 | 2360 | 41852000 |
| REFRIGERATOR.GALLEY | EQUIPMENT/FURNISHINGS.707-1318 | AIR | 130P | | | | 66 | 2362 | 41854000 |
| REFRIGERATOR.GALLEY | EQUIPMENT/FURNISHINGS.707-1318 | AIR | 130P | | | | 66 | 2362 | 41856000 |
| REFRIGERATOR.GALLEY | EQUIPMENT/FURNISHINGS.707-3318 | AIR | 140P | | | | 66 | 2362 | 41858000 |
| REFRIGERATOR.GALLEY | EQUIPMENT/FURNISHINGS.707-1318 | AIR | 150P | | | | 66 | 2362 | 41860000 |
| REFRIGERATOR.GALLEY | EQUIPMENT/FURNISHINGS.707-1318 | AIR | 160P | | | | 66 | 2362 | 41862000 |
| REFRIGERATOR.GALLEY | EQUIPMENT/FURNISHINGS.707-1318 | AIR | 160P | | | | 65 | 2362 | 41864000 |
| REFRIGERATOR.GALLEY | EQUIPMENT/FURNISHINGS.707-3318 | AIR | 240P | | | | 66 | 2362 | 41866000 |
| REFRIGERATOR.GALLEY | EQUIPMENT/FURNISHINGS.707-3318 | AIR | 490P | | | | 66 | 2362 | 41868000 |
| REFRIGERATOR.GALLEY | EQUIPMENT/FURNISHINGS.707-3318 | AIR | 530P | | | | 65 | 2362 | 41870000 |
| REFRIGERATOR.GALLEY | EQUIPMENT/FURNISHINGS.707-3318 | AIR | 570P | | | | 66 | 2362 | 41872000 |
| REFRIGERATOR-GALLEY | EQUIPMENT-FURNISHINGS.331C/373C | AIR | 240P | | | | 66 | 2363 | 41874000 |
| REFRIGERATOR-GALLEY | EQUIPMENT-FURNISHINGS.331C/373C | AIR | 270P | | | | 66 | 2363 | 41876000 |
| REFRIGERATORS.GALLEY | EQUIPMENT/FURNISHINGS.707-1318 | AIR | 70P | | | | 66 | 2364 | 41878000 |
| REFRIGERATORS.GALLEY | EQUIPMENT/FURNISHINGS.707-1318 | AIR | 90P | | | | 66 | 2361 | 41880000 |
| REFRIGERATORS.GALLEY | EQUIPMENT/FURNISHINGS.707-1318 | AIR | 110P | | | | 66 | 2361 | 41882000 |
| REFRIGERATORS.GALLEY | EQUIPMENT/FURNISHINGS.707-1318 | AIR | 130P | | | | 66 | 2364 | 41884000 |
| REFRIGERATORS.GALLEY | EQUIPMENT/FURNISHINGS.707-1318 | AIR | 130P | | | | 65 | 2364 | 41886000 |
| REFRIGERATORS.GALLEY | EQUIPMENT/FURNISHINGS.707-1318 | AIR | 130P | | | | 66 | 2364 | 41888000 |
| REFRIGERATORS.GALLEY | EQUIPMENT/FURNISHINGS.707-3318 | AIR | 140P | | | | 66 | 2361 | 41890000 |
| REFRIGERATORS.GALLEY | EQUIPMENT/FURNISHINGS.707-1318 | AIR | 170P | | | | 66 | 2364 | 41892000 |
| REFRIGERATORS.GALLEY | EQUIPMENT/FURNISHINGS.707-1318 | AIR | 170P | | | | 66 | 2361 | 41894000 |
| REFRIGERATORS.GALLEY | EQUIPMENT/FURNISHINGS.707-3318 | AIR | 170P | | | | 66 | 2364 | 41896000 |
| REFRIGERATORS.GALLEY | EQUIPMENT/FURNISHINGS.707-3318 | AIR | 190P | | | | 66 | 2364 | 41898000 |
| REFRIGERATORS.GALLEY | EQUIPMENT/FURNISHINGS.707-3318 | AIR | 190P | | | | 66 | 2364 | 41900000 |
| REFRIGERATORS.GALLEY | EQUIPMENT/FURNISHINGS.707-3318 | AIR | 210P | | | | 66 | 2361 | 41902000 |
| REFRIGERATORS.GALLEY | EQUIPMENT/FURNISHINGS.707-3318 | AIR | 240P | | | | 66 | 2361 | 41904000 |
| REFRIGERATORS.GALLEY | EQUIPMENT/FURNISHINGS.707-1318 | AIR | 270P | | | | 65 | 2361 | 41906000 |
| REFRIGERATORS.GALLEY | EQUIPMENT/FURNISHINGS.707-1318 | AIR | 270P | | | | 65 | 2361 | 41908000 |
| REFRIGERATORS.GALLEY | EQUIPMENT/FURNISHINGS.707-3318 | AIR | 290P | | | | 66 | 2364 | 41910000 |
| REFRIGERATORS.GALLEY | EQUIPMENT/FURNISHINGS.707-3318 | AIR | 420P | | | | 65 | 2364 | 41912000 |
| REFRIGERATORS.GALLEY | EQUIPMENT/FURNISHINGS.707-1318 | AIR | 420P | | | | 65 | 2364 | 41914000 |
| REFRIGERATORS.GALLEY | EQUIPMENT/FURNISHINGS.707-3318 | AIR | 470P | | | | 66 | 2364 | 41916000 |
| UNITS | AIR-CONDITIONER.CARGO-COMPARTMENT | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 41918000 |
| UNITS | AIR-CONDITIONER.FLIGHT-DECK | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 41920000 |
| UNITS | GALLEY.CREW | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 41922000 |
| UNITS | GALLEY | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 41924000 |
| UNITS | GALLEY | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 41926000 |
| UNITS | AIR-CONDITIONER.FLIGHT-DECK | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 41928000 |
| UNITS | GALLEY.CREW | AIR | * | 55.9834 | 76 | .04113 | 66 | 1290 | 41930000A |
| UNITS | GALLEY | AIR | * | 27.1597 | 50 | .08478 | 63 | 1198 | 41932000 |
| UNITS | AIR-CONDITIONER.FLIGHT-DECK | AIR | * | 27.1597 | 50 | .08478 | 63 | 1198 | 41934000 |
| UNITS | AIR-CONDITIONER | GRD | 5.5582 | 9.34643 | 150 | 1.2594 | 65 | 1216 | 41936000A |

PART CLASS 553 REFRIGERATION DEVICES

| PART DESCRIPTION .00 N.E.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| UNITS | AIR-CONDITIONER.CARGO-COMPARTMENT | AIR | 8.59328 | 33.4252 | 100 | .11637 | 65 | 1198 | 41938000 |
| UNITS | AIR-CONDITIONER.PILOT | AIR | 20.446 | 30.8515 | 424 | .536 | 64 | 1286 | 41940000A |
| UNITS | AIR-CONDITIONER.CARGO-COMPARTMENT | AIR | 23.5904 | 62.7777 | 50 | .06478 | 63 | 1198 | 41942000 |
| UNITS | AIR-CONDITIONER.CARGO-COMPARTMENT | AIR | 26.6666 | 70.964 | 50 | .075 | 63 | 1114 | 41944000 |
| UNITS | AIR-CONDITIONER.FLIGHT-DECK | AIR | 26.6666 | 70.964 | 50 | .075 | 63 | 1174 | 41946000 |
| UNITS | AIR-CONDITIONER | AIR | 30.6748 | 56.9 | | .163 | 61 | 1083 | 41948000 |
| UNITS | AIR-CONDITIONER | AIR | 40.453 | 107.651 | 96 | .04944 | 65 | 1227 | 41950000 |
| UNITS | AIR-CONDITIONER | AIR | 48.6263 | 97.1742 | 132 | .08224 | 66 | 1250 | 41952000 |
| | | AIR | 250 | 556.733 | 31 | .012 | 63 | 1111 | 41954000 |
| | | AIR | 8499.23 | 9629.28 | 46 | .01304 | 66 | 1240 | 41956000A |

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
SECTION I FAILURE RATE DATA

NONELECTRONIC PART FAILURE RATE DATA JANUARY 1968

PART CLASS 554 RAMPS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| | D00R.HYDRAULIC | AIR | 11.7952 | 45.8794 | 50 | .08478 | 63 | 1198 | 41958000 |
| | D00R.HYDRAULIC | AIR | 13.3333 | 51.8626 | 50 | .075 | 65 | 1214 | 41960000 |
| CARGO | | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 41962000 |
| CARGO | | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 41964000 |
| LOADING.GROUND | AUX.CARGO-COMPARTMENT | AIR | * | 46.5736 | 98 | .04944 | 65 | 1227 | 41966000 |
| LOADING.GROUND | AUXILIARY.CARGO-COMPARTMENT | AIR | 24.3131 | 64.7009 | 152 | .08226 | 66 | 1250 | 41968000 |

PART CLASS 555 REGULATORS, ELECTRICAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 ELECTRICAL, N.E.C. | | | | | | | | | |
| | (STORAGE) | MSL | .01 | | | | 65 | 2440 | 41970000 |
| CABIN-TEMPERATURE | AIR-CONDITIONING.707-131 | AIR | 110P | | | | 66 | 2364 | 41972000 |
| CABIN-TEMPERATURE | AIR-CONDITIONING.727 | AIR | 370P | | | | 66 | 2360 | 41974000 |
| CABIN-TEMPERATURE | AIR-CONDITIONING.331C/373C | AIR | 460P | | | | 65 | 2360 | 41976000 |
| CABIN-TEMPERATURE | AIR-CONDITIONING.707-3318 | AIR | 580P | | | | 66 | 2364 | 41978000 |
| CABIN-TEMPERATURE | AIR-CONDITIONING.727 | AIR | 610P | | | | 65 | 2365 | 41980000 |
| CABIN-TEMPERATURE | AIR-CONDITIONING.707-331 | AIR | 670P | | | | 66 | 2364 | 41982000 |
| CABIN-TEMPERATURE | AIR-CONDITIONING.707-131 | AIR | 680P | | | | 65 | 2364 | 41984000 |
| CABIN-TEMPERATURE | AIR-CONDITIONING.331C/373C | AIR | 730P | | | | 55 | 2365 | 41986000 |
| CABIN-TEMPERATURE | AIR-CONDITIONING.331C/373C | AIR | 750P | | | | 66 | 2365 | 41988000 |
| CABIN-TEMPERATURE | AIR-CONDITIONING.727 | AIR | 860P | | | | 66 | 2365 | 41990000 |
| CABIN-TEMPERATURE | AIR-CONDITIONING.331C/373C | AIR | 960P | | | | 66 | 2360 | 41992000 |
| CABIN-TEMPERATURE | AIR-CONDITIONING.707-1318 | AIR | 980P | | | | 65 | 2364 | 41994000 |
| CABIN-TEMPERATURE | AIR-CONDITIONING.707-3318 | AIR | 1020P | | | | 66 | 2364 | 41996000 |
| CABIN-TEMPERATURE | AIR-CONDITIONING.727 | AIR | 1100P | | | | 65 | 2380 | 41998000 |
| CABIN-TEMPERATURE | AIR-CONDITIONING.727 | AIR | 1210P | | | | 66 | 2365 | 42000000 |
| CABIN-TEMPERATURE | AIR-CONDITIONING.331C/373C | AIR | 1250P | | | | 66 | 2360 | 42002000 |
| CABIN-TEMPERATURE | AIR-CONDITIONING.331C/373C | AIR | 1260P | | | | 66 | 2365 | 42004000 |
| CABIN-TEMPERATURE | AIR-CONDITIONING.727 | AIR | 1290P | | | | 66 | 2360 | 42006000 |
| CABIN-TEMPERATURE | AIR-CONDITIONING.707-1318 | AIR | 1310P | | | | 66 | 2364 | 42008000 |
| CABIN-TEMPERATURE | AIR-CONDITIONING.707-131 | AIR | 1340P | | | | 66 | 2364 | 42010000 |
| CABIN-TEMPERATURE | AIR-CONDITIONING.707-3318 | AIR | 1480P | | | | 65 | 2364 | 42012000 |
| CABIN-TEMPERATURE | AIR-CONDITIONING.707-1318 | AIR | 1670P | | | | 66 | 2364 | 42014000 |
| CABIN-TEMPERATURE | AIR-CONDITIONING.707-3[illegible] | AIR | 1700P | | | | 65 | 2364 | 42016000 |
| CABIN-TEMPERATURE | AIR-CONDITIONING.707-3[illegible] | AIR | 1720P | | | | 66 | 2364 | 42018000 |
| COCKPIT-AIR-PRESSURE | AIR-CONDITIONING.707-[illegible]18 | AIR | 17?P | | | | 66 | 2364 | 42020000 |
| COCKPIT-AIR-PRESSURE | AIR-CONDITIONING.707-3[illegible] | AIR | 310P | | | | 66 | 2364 | 42022000 |
| COCKPIT-AIR-PRESSURE | AIR-CONDITIONING.707-3[illegible] | AIR | 340P | | | | 66 | 2364 | 42024000 |
| DIFFERENTIAL-PRESSURE | AIR-CONDITIONING.707-3[illegible] | AIR | 620P | | | | 65 | 2364 | 42026000 |
| VOLTAGE | | AIR | * | 12.6516 | 49 | .182 | 62 | 1093 | 42028000 |
| VOLTAGE | | AIR | * | 12.3133 | 50 | .187 | 62 | 1093 | 42030000 |
| VOLTAGE | FLIGHT-INDICATOR-SCOPE,RADAR | SIM GRD AIR | * | 115.17 | 139 | .02 | 63 | 1117 | 42032000 |
| VOLTAGE | BOMBING-NAVIGATION-COMPUTER,ASB9 | AIR | * | 64.3004 | 93 | .03581 | 63 | 1111 | 42034000 |
| VOLTAGE | | AIR | * | 575.65 | 1 | .004 | 62 | 1093 | 42036000 |
| VOLTAGE | AN/ASG-27 | SIM GRD AIR | * | 127.922 | 278 | .018 | 63 | 1117 | 42038000 |
| VOLTAGE | | AIR GND | * | 37.7474 | | .061 | 58 | 212 | 4204 0000 |
| VOLTAGE | MAGNETIC-AMP | LAB | .5 | | | | 63 | 1138 | 42042000 |
| VOLTAGE | MAGNETIC-AMP | AIR | 25 | | | | 61 | 1068 | 42044000 |
| VOLTAGE | ELECTRICAL-POWER,707-131B | AIR | 30P | | | | 65 | 2361 | 42046000 |
| VOLTAGE | ELECTRICAL-POWER,707-131B | AIR | 30P | | | | 66 | 2364 | 42048000 |
| VOLTAGE | FLIGHT-INDICATOR-SCOPE,RADAR | SIM GRD AIR | 36.036 | 140.159 | 195 | .02775 | 64 | 1181 | 42050000A |
| VOLTAGE | | AIR GND | 37.037 | 74.0[illegible]3 | | .106 | 58 | 212 | 42052000 |
| VOLTAGE | | AIR | 37.5023 | 74.9442 | 189 | .10666 | 64 | 1144 | 42054000 |
| VOLTAGE | AN/ASG-27 | SIM GRD AIR | 39.9203 | 155.277 | 195 | .02505 | 64 | 1181 | 42056000A |
| VOLTAGE | ELECTRICAL-POWER,707-131 | AIR | 60P | | | | 66 | 2362 | 42058000 |

PART CLASS 555 REGULATORS, ELECTRICAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .01 ELECTRICAL, N.O.C. | | | | | | | | | |
| VOLTAGE | ELECTRICAL-POWER.727 | AIR | 70P | | | | 66 | 2365 | 42060000 |
| VOLTAGE | ELECTRICAL-POWER.707-131 | AIR | 70P | | | | 65 | 2361 | 42062000 |
| VOLTAGE | ELECTRICAL-POWER.707-331 | AIR | 80P | | | | 65 | 2364 | 42064000 |
| VOLTAGE | ELECTRICAL-POWER.727 | AIR | 90P | | | | 65 | 2360 | 42066000 |
| VOLTAGE | ELECTRICAL-POWER.707-131B | AIR | 100P | | | | 65 | 2364 | 42068000 |
| VOLTAGE | ELECTRICAL-POWER.707-131B | AIR | 100P | | | | 66 | 2362 | 42070000 |
| VOLTAGE | ELECTRICAL-POWER.707-331B | AIR | 100P | | | | 66 | 2364 | 42072000 |
| VOLTAGE | ELECTRICAL-POWER.707-131B | AIR | 110P | | | | 66 | 2361 | 42074000 |
| VOLTAGE | ELECTRICAL-POWER.707-131B | AIR | 120P | | | | 66 | 2361 | 42076000 |
| VOLTAGE | ELECTRICAL-POWER.707-331 | AIR | 130P | | | | 65 | 2361 | 42078000 |
| VOLTAGE | ELECTRICAL-POWER.331C/373C | AIR | 130P | | | | 66 | 2363 | 42080000 |
| VOLTAGE | ELECTRICAL-POWER.331C/373C | AIR | 130P | | | | 66 | 2365 | 42082000 |
| VOLTAGE | ELECTRICAL-POWER.331C/373C | AIR | 130P | | | | 66 | 2360 | 42084000 |
| VOLTAGE | ELECTRICAL-POWER.707-331B | AIR | 140P | | | | 66 | 2361 | 42086000 |
| VOLTAGE | ELECTRICAL-POWER.707-331B | AIR | 140P | | | | 66 | 2361 | 42088000 |
| VOLTAGE | ELECTRICAL-POWER.707-131B | AIR | 150P | | | | 66 | 2362 | 42090000 |
| VOLTAGE | ELECTRICAL-POWER.707-331 | AIR | 150P | | | | 65 | 2364 | 42092000 |
| VOLTAGE | ELECTRICAL-POWER.707-131B | AIR | 160P | | | | 66 | 2364 | 42094000 |
| VOLTAGE | GENERATOR-OUTPUT | AIR | 166.666 | 270.722 | 124 | .048 | 63 | 1111 | 42096000 |
| VOLTAGE | ELECTRICAL-POWER.707-331B | AIR | 170P | | | | 66 | 2364 | 42098000 |
| VOLTAGE | ELECTRICAL-POWER.707-131 | AIR | 170P | | | | 66 | 2361 | 42100000 |
| VOLTAGE | ELECTRICAL-POWER.707-131B | AIR | 200P | | | | 65 | 2362 | 42102000 |
| VOLTAGE | ELECTRICAL-POWER.331C/373C | AIR | 230P | | | | 65 | 2360 | 42104000 |
| VOLTAGE | | MSL | 234.042 | 353.152 | | .037 | 61 | 2L2 | 42106000 |
| VOLTAGE | ELECTRICAL-SYSTEM | AIR | 236.934 | 258.63 | 300 | 1.1342 | 65 | 1196 | 42108000 |
| VOLTAGE | ELECTRICAL-POWER.707-331 | AIR | 250P | | | | 66 | 2362 | 42110000 |
| VOLTAGE | ELECTRICAL-POWER.707-331B | AIR | 250P | | | | 65 | 2361 | 42112000 |
| VOLTAGE | EXCITER-POWER-SUPPLY-SYSTEM | AIR | 274.803 | 345.823 | | .14747 | 65 | 1188 | 42114000 |
| VOLTAGE | ELECTRICAL-POWER.707-131 | AIR | 290P | | | | 66 | 2362 | 42116000 |
| VOLTAGE | ELECTRICAL-POWER.707-331 | AIR | 300P | | | | 66 | 2362 | 42118000 |
| VOLTAGE | ELECTRICAL-POWER.727 | AIR | 310P | | | | 66 | 2360 | 42120000 |
| VOLTAGE | ELECTRICAL-POWER.707-331 | AIR | 320P | | | | 65 | 2362 | 42122000 |
| VOLTAGE | ELECTRICAL-POWER.707-131 | AIR | 340P | | | | 65 | 2364 | 42124000 |
| VOLTAGE | ELECTRICAL-POWER.707-331B | AIR | 360P | | | | 66 | 2362 | 42126000 |
| VOLTAGE | ELECTRICAL-POWER.331C/373C | AIR | 360P | | | | 66 | 2360 | 42128000 |
| VOLTAGE | ELECTRICAL-POWER.707-331B | AIR | 390P | | | | 65 | 2362 | 42130000 |
| VOLTAGE | ELECTRICAL-POWER.707-131 | AIR | 390P | | | | 66 | 2364 | 42132000 |
| VOLTAGE | ELECTRICAL-POWER.727 | AIR | 390P | | | | 66 | 2363 | 42134000 |
| VOLTAGE | ELECTRICAL-POWER.727 | AIR | 410P | | | | 65 | 2365 | 42136000 |
| VOLTAGE | ELECTRICAL-POWER.707-331B | AIR | 430P | | | | 66 | 2362 | 42138000 |
| VOLTAGE | ELECTRICAL-POWER.727 | AIR | 430P | | | | 66 | 2363 | 42140000 |
| VOLTAGE | ELECTRICAL-POWER.727 | AIR | 450P | | | | 65 | 2363 | 42142000 |
| VOLTAGE | ELECTRICAL-POWER.727 | AIR | 470P | | | | 66 | 2365 | 42144000 |
| VOLTAGE | ELECTRICAL-POWER.331C/373C | AIR | 490P | | | | 65 | 2365 | 42146000 |
| VOLTAGE | ELECTRICAL-POWER.727 | AIR | 550P | | | | 66 | 2360 | 42148000 |

PART CLASS 565 REGULATORS, ELECTRICAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 ELECTRICAL, N.E.C. | | | | | | | | | |
| VOLTAGE | ELECTRICAL-POWER.351C/375C | AIR | 560P | | | | 65 | 2343 | 42150000 |
| VOLTAGE | | AIR GND | 608 | | | | 61 | 2L2 | 42152000 |
| VOLTAGE | | AIR | 609 | | | | 57 | 2L1 | 42154000 |
| VOLTAGE | ELECTRICAL-POWER.707-131 | AIR | 680P | | | | 65 | 2362 | 42156000 |
| VOLTAGE | | AIR | 985.263 | 1043.65 | | .095 | 63 | 2125 | 42158000 |
| VOLTAGE | ELECTRICAL-POWER.707-331 | AIR | 1070P | | | | 66 | 2361 | 42160000 |
| VOLTAGE | | AIR | 1250 | 1925.83 | | .008 | 55 | 1070 | 42162000 |
| VOLTAGE | | AIR SHP GRD | 1250 | 1925.83 | | .008 | 57 | 2L2 | 42164000 |
| VOLTAGE.AC/DC. TRANSISTORIZED.MAIN | | AIR | 6898.85 | 18352.7 | | .00029 | 63 | 1132 | 42166000 |
| VOLTAGE.AC/DC.EMERGENCY | | AIR | 140.236 | 207.881 | | .08557 | 63 | 1123 | 42168000A |
| VOLTAGE.AC/DC.EMERGENCY | | AIR | 1675.97 | 3732.29 | 16 | .00179 | 63 | 1132 | 42170000 |
| VOLTAGE.CARBON-PILE | | AIR | 0 | 767.533 | | .003 | 61 | 1046 | 42172000 |
| VOLTAGE.CARBON-PILE | | LAB | 9.65 | | | | 63 | 1138 | 42174000 |
| VOLTAGE.CARBON-PILE | | AIR | 500 | | | | 61 | 1068 | 42176000 |
| VOLTAGE.SOLID-STATE | | AIR | 52.6315 | 92.3868 | | .114 | 61 | 1066 | 42178000 |
| VOLTAGE.400CPS WITH-MOUNT | POWER-UNIT | GRD | 253.164 | 673.988 | | .0079 | 62 | 1135 | 42180000 |
| | | MELI | 92.1658 | 358.497 | 40 | .01085 | 64 | 1297 | 42182000 |
| VOLTAGE.400CPS-1600CPS. | MA-1-POWER | MELI | 404.624 | 521.386 | 80 | .0492 | 66 | 1257 | 42184000 |
| | | AIR | 6741.57 | 9272.02 | 3( | .00267 | 66 | 1256 | 42186000A |
| .10 ELECTRICAL, A.C. LINE VOLTAGE | | | | | | | | | |
| | | AIR | 18.4049 | 40.9865 | | .163 | 61 | 1083 | 42188000 |
| | AC-POWER-CONTROL | AIR | 32.3624 | 64.6727 | 240 | .1236 | 65 | 1227 | 42190000 |
| | AC-POWER-CONTROL | AIR | 38.901 | 83.1884 | 380 | .20565 | 66 | 1250 | 42192000A |
| | | AIR | 71.4285 | 159.066 | | .042 | 61 | 1082 | 42194000 |
| | REACTOR-LOOP | AIR | 83.732 | 325.77 | 31 | .01194 | 63 | 1111 | 42196000 |
| | AC-POWER-SUPPLY-SYSTEM | AIR | 90.909 | 152.866 | 340 | .077 | 63 | 1114 | 42198000 |
| | AC-POWER-SUPPLY-SYSTEM | AIR | 100.275 | 127.941 | 500 | .58185 | 65 | 1198 | 42200000 |
| | AC-POWER-SUPPLY-SYSTEM | AIR | 142.857 | 300.164 | 46 | .014 | 59 | 1110 | 42202000 |
| | AC-POWER-SUPPLY-SYSTEM | AIR | 159.707 | 209.794 | 812 | .17532 | 64 | 1179 | 42204000 |
| | AC-POWER-SUPPLY-SYSTEM | AIR | 163.265 | 190.797 | 510 | .441 | 63 | 1114 | 42206000 |
| | AC-POWER-SUPPLY-SYSTEM | AIR | 192.265 | 216.55 | 250 | .63454 | 65 | 1198 | 42208000 |
| | AC-POWER-SUPPLY-SYSTEM | AIR | 196.062 | 214.835 | 1194 | 1.0357 | 67 | 1272 | 42210000A |
| | | AIR | 200P | | | | 65 | 2330 | 42212000 |
| | AC-POWER-SUPPLY-SYSTEM | AIR | 245.033 | 292.572 | 946 | .22854 | 65 | 1228 | 42214000 |
| | TRACK-RADAR | AIR | 250 | 556.733 | 31 | .012 | 63 | 1111 | 42216000 |
| | ELECTRICAL-SYSTEM | AIR | 234.665 | 904.974 | 126 | .21597 | 65 | 1155 | 42218000 |
| | | AIR | 371.747 | 407.75 | | .538 | 63 | 2114 | 42220000 |
| | AC-POWER-SUPPLY-SYSTEM | AIR | 408.901 | 465.233 | 150 | .25434 | 63 | 1198 | 42222000 |
| | AC-POWER-SUPPLY-SYSTEM | AIR | 422.222 | 483.337 | 150 | .225 | 63 | 1114 | 42224000 |
| | | AIR | 436.596 | 573.88 | | .057 | 61 | 1084 | 42226000 |
| | MAIN-AC-GENERATOR | AIR | 457.433 | 571.512 | | .07878 | 63 | 1123 | 42228000 |
| | FIELD-COIL,MAIN-AC-GENERATOR | AIR | 478.632 | 698.136 | | .02925 | 63 | 1123 | 42230000 |

PART CLASS 555 REGULATORS, ELECTRICAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .10 ELECTRICAL, A.C. LINE VOLTAGE | | | | | | | | | |
| | | AIR | 509.259 | 577.305 | | .216 | 63 | 2119 | 42232000 |
| | | AIR | 854.545 | 1037.55 | 320 | .055 | 61 | 1080 | 42234000 |
| BRUSHLESS | | AIR | * | 5354.88 | 5 | .00043 | 63 | 1132 | 42236000 |
| CARBON-PILE | | AIR | 494.559 | 917.378 | 46 | .01011 | 63 | 1132 | 42238000 |
| MAGNETIC-AMP.GEN-OUTPUT | | AIR | 133.511 | 519.319 | 82 | .00749 | 63 | 1132 | 42240000 |
| MAGNETIC-AMP.MAIN | | AIR | * | 1345.36 | | .00149 | 63 | 1132 | 42242000 |
| TRANSISTORIZED | | AIR | 1448.04 | 2810.74 | 34 | .01174 | 63 | 1132 | 42244000 |
| 115V/2PCT | | AIR | 765.696 | 1179.68 | 86 | .01306 | 66 | 1248 | 42246000A |
| 115VAC | GENERATOR | HELI | 100 | 222.693 | 120 | .03 | 65 | 1215 | 42248000 |
| .20 ELECTRICAL, D.C. LINE VOLTAGE | | | | | | | | | |
| | | AIR | 71.4285 | 277.835 | | .014 | 61 | 1082 | 42250000 |
| | HV-SUPPLY | AIR | 83.3333 | 221.762 | 82 | .024 | 63 | 1111 | 42252000 |
| | | AIR | 196.319 | 248.728 | | .163 | 61 | 1083 | 42254000 |
| | | AIR | 356.321 | 439.043 | | .115 | 61 | 1084 | 42256000 |
| | | AIR | 1126.39 | 1187.24 | | .538 | 63 | 2114 | 42258000 |
| CARBON-PILE.MAIN | | AIR | * | 1345.36 | | .00149 | 63 | 1132 | 42260000 |
| DC.11V | | SUB | 588.235 | 1309.96 | 60 | .0051 | 65 | 1246 | 42262000 |
| REFERENCE.55.153/300VDC. | MA-I-POWER | AIR | 9363.29 | 12251.3 | 36 | .00267 | 66 | 1256 | 42264000A |
| 100V/MINUS-140VDC | MA-I-POWER | AIR | 4868.91 | 7160.35 | 36 | .00267 | 66 | 1256 | 42266000A |
| 27-5/10VDC | .(MILES) | GRD | 64.8298M | 129.555M | 15 | .0617M | 66 | 1255 | 42268000 |
| 28V,MINUS-140VDC | MA-I-POWER | AIR | 2996.25 | 4866.92 | 36 | .00267 | 66 | 1256 | 42270000A |
| 300V/MINUS-150VDC | MA-I-POWER | AIR | 2247.19 | 3944.6 | 36 | .00267 | 66 | 1256 | 42272000A |

PART CLASS 596 REGULATORS, FLUID

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 FLUID, N.E.C. | | | | | | | | | |
| | CAMERA-VACUUM-SYSTEM | AIR | 0 | 110.224 | 100 | .02089 | 63 | 1198 | 42274000 |
| | | LAB | 2.14 | | | | 63 | 1138 | 42276000 |
| | HEATER.AIR-CONDITIONING-SYSTEM | AIR | 18.5219 | 49.2896 | 63 | .10798 | 65 | 1155 | 42278000 |
| | PROPELLER.ASSEMBLY | AIR | 30.0764 | 43.2413 | 400 | .46548 | 65 | 1198 | 42280000 |
| | PROPELLER.HYDROMATIC | AIR | 48.387 | 107.754 | 272 | .062 | 63 | 1114 | 42282000 |
| | PROPELLER.ASSEMBLY | AIR | 96.5269 | 116.716 | 200 | .50763 | 65 | 1198 | 42284000 |
| | PROPELLER.HYDROMATIC | AIR | 101.983 | 127.416 | 496 | .353 | 63 | 1114 | 42286000 |
| | PROPELLER.ASSEMBLY | AIR | 306.676 | 340.925 | 200 | .33912 | 63 | 1198 | 42288000 |
| | PROPELLER.HYDROMATIC | AIR | 337.792 | [illegible] | 200 | .296 | 63 | 1114 | 42290000 |
| | VACUUM/PRESSURE-CALIBRATION-RACK | GRD | 476.19 | 1842.23 | | .0021 | 62 | 1141 | 42292000 |
| | PANEL.OXYGEN-SYSTEM | AIR | 1125 | 1475.56 | 112 | .032 | 59 | 1110 | 42294000 |
| | CANOPY.SEAL | AIR | 4200 | | | | 62 | 1191 | 42296000 |
| AIR-PRESS | AIRBORNE-AUXILIARY-POWER.727 | AIR | 240P | | | | 66 | 2365 | 42298000 |
| AIR-PRESSURE | AIRBORNE-AUXILIARY-POWER.727 | AIR | 260P | | | | 66 | 2365 | 42300000 |
| ANTIICING-AIR | AIR.707-131B | AIR | 20P | | | | 66 | 2364 | 42302000 |
| CABIN-PRESSURE | AIR-CONDITIONING.880 | AIR | 320P | | | | 65 | 2365 | 42304000 |
| CABIN-PRESSURE | AIR-CONDITIONING.880 | AIR | 600P | | | | 66 | 2365 | 42306000 |
| CABIN-PRESSURE | AIR-CONDITIONING.880 | AIR | 1270P | | | | 66 | 2365 | 42308000 |
| CABIN-TEMPERATURE | AIR-CONDITIONING.707-131 | AIR | 110P | | | | 66 | 2361 | 42310000 |
| CABIN-TEMPERATURE | AIR-CONDITIONING.707-331 | AIR | 290P | | | | 65 | 2361 | 42312000 |
| CABIN-TEMPERATURE | AIR-CONDITIONING.707-131 | AIR | 330P | | | | 66 | 2361 | 42314000 |
| CABIN-TEMPERATURE | AIR-CONDITIONING.707-131 | AIR | 390P | | | | 65 | 2361 | 42316000 |
| CABIN-TEMPERATURE | AIR-CONDITIONING.707-331B | AIR | 490P | | | | 66 | 2361 | 42318000 |
| CABIN-TEMPERATURE | AIR-CONDITIONING.707-331 | AIR | 530P | | | | 66 | 2361 | 42320000 |
| CABIN-TEMPERATURE | AIR-CONDITIONING.707-131B | AIR | 570P | | | | 66 | 2361 | 42322000 |
| CABIN-TEMPERATURE | AIR-CONDITIONING.707-131B | AIR | 660P | | | | 65 | 2361 | 42324000 |
| CABIN-TEMPERATURE | AIR-CONDITIONING.707-331B | AIR | 890P | | | | 66 | 2361 | 42326000 |
| CABIN-TEMPERATURE | AIR-CONDITIONING.707-331 | AIR | 970P | | | | 66 | 2361 | 42328000 |
| CABIN-TEMPERATURE | AIR-CONDITIONING.707-331B | AIR | 1020P | | | | 65 | 2361 | 42330000 |
| CABIN-TEMPERATURE | AIR-CONDITIONING.707-131B | AIR | 1310P | | | | 66 | 2361 | 42332000 |
| COCKPIT-AIR-PRESSURE | AIR-CONDITIONING.707-131B | AIR | 230P | | | | 66 | 2361 | 42334000 |
| COCKPIT-AIR-PRESSURE | AIR-CONDITIONING.707-131B | AIR | 240P | | | | 66 | 2361 | 42336000 |
| COCKPIT-AIR-PRESSURE | AIR-CONDITIONING.707-131 | AIR | 260P | | | | 65 | 2361 | 42338000 |
| COCKPIT-AIR-PRESSURE | AIR-CONDITIONING.707-331 | AIR | 280P | | | | 66 | 2361 | 42340000 |
| COCKPIT-AIR-PRESSURE | AIR-CONDITIONING.707-331 | AIR | 530P | | | | 66 | 2361 | 42342000 |
| CONSTANT-FLOW-OXYGEN | OXYGEN-707-131 | AIR | 140P | | | | 65 | 2364 | 42344000 |
| CONSTANT-FLOW-OXYGEN | OXYGEN-707-331 | AIR | 160P | | | | 66 | 2364 | 42346000 |
| CREW-COMP-OXYGEN | OXYGEN.707-131B | AIR | 120P | | | | 66 | 2361 | 42348000 |
| CREW-COMP-OXYGEN | OXYGEN.707-331B | AIR | 140P | | | | 66 | 2361 | 42350000 |
| CREW-COMP-OXYGEN | OXYGEN.707-331B | AIR | 140P | | | | 66 | 2361 | 42352000 |
| CREW-COMP-OXYGEN | OXYGEN-707-131B | AIR | 140P | | | | 66 | 2364 | 42354000 |
| CREW-COMP-OXYGEN | OXYGEN-707-331B | AIR | 170P | | | | 66 | 2364 | 42356000 |
| CREW-COMP-OXYGEN | OXYGEN.707-131B | AIR | 270P | | | | 65 | 2361 | 42358000 |
| CREW-COMP-OXYGEN | OXYGEN.707-331B | AIR | 680P | | | | 65 | 2361 | 42360000 |
| DEW-OXYGEN | OXYGEN.727 | AIR | 60P | | | | 66 | 2363 | 42362000 |

PART CLASS 596 REGULATORS, FLUID

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 60 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 FLUID, N.E.C. | | | | | | | | | |
| DEM-OXYGEN | OXYGEN.727 | AIR | 80P | | | | 65 | 2363 | 42364000 |
| DEM-OXYGEN | OXYGEN.727 | AIR | 110P | | | | 66 | 2363 | 42366000 |
| DEMAND-OXYGEN | OXYGEN.727 | AIR | 50P | | | | 66 | 2360 | 42368000 |
| DEMAND-OXYGEN | OXYGEN.727 | AIR | 90P | | | | 66 | 2360 | 42370000 |
| DEMAND-OXYGEN | OXYGEN.727 | AIR | 150P | | | | 65 | 2365 | 42372000 |
| DEMAND-OXYGEN | OXYGEN.727 | AIR | 160P | | | | 66 | 2365 | 42374000 |
| DIL-DEM-PRESS.331C | OXYGEN.331C/373C | AIR | 140P | | | | 65 | 2363 | 42376000 |
| DIL-DEM-PRESS-331C | OXYGEN-707-331B | AIR | 50P | | | | 66 | 2364 | 42378000 |
| DIL-DEM-PRESS-331C | OXYGEN-707-331B | AIR | 170P | | | | 66 | 2364 | 42380000 |
| DIL-DEM-PRESS-331C | OXYGEN-707-131B | AIR | 230P | | | | 65 | 2364 | 42382000 |
| DIL-DEM-PRESSURE-331C | OXYGEN.707-131B | AIR | 50P | | | | 65 | 2362 | 42384000 |
| DIL-DEM-PRESSURE-331C | OXYGEN.707-331B | AIR | 60P | | | | 66 | 2362 | 42386000 |
| DIL-DEM-PRESSURE-331C | OXYGEN.707-131B | AIR | 100P | | | | 66 | 2362 | 42388000 |
| DIL-DEM-PRESSURE-331C | OXYGEN.707-131B | AIR | 130P | | | | 66 | 2362 | 42390000 |
| DILUTER-DEM-PRESSURE-331C | OXYGEN.331C/373C | AIR | 120P | | | | 65 | 2365 | 42392000 |
| FEEL-FORCE.ELEVATOR | | AIR | 418.181 | 553.696 | 320 | .055 | 61 | 1080 | 42394000 |
| FEEL-FORCE.RUDDER | | AIR | 54.5454 | 121.469 | 320 | .055 | 61 | 1080 | 42394000A |
| FUEL | ENGINE | HELI | 86.7052 | 193.086 | 40 | .0346 | 66 | 1257 | 42396000 |
| FUEL | ENGINE | HELI | 236.779 | 527.292 | 40 | .01267 | 66 | 1257 | 42400000 |
| FUEL | | AIR | 715.789 | 848.384 | | .095 | 63 | 2120 | 42402000 |
| FUEL | | AIR | 1157.89 | 1312.61 | | .095 | 63 | 2120 | 42404000 |
| FUEL-OR-OIL-CONTROL | | AIR | .02P | | | | 65 | 2590 | 42406000 |
| FUEL-OR-OIL-CONTROL. PRESSURE-REGULATING-VALVE | | AIR | .03P | | | | 65 | 2590 | 42408000 |
| FUEL-OR-OIL-CONTROL. PRESSURE-REGULATOR | | AIR | 3.43P | | | | 65 | 2590 | 42410000 |
| GASPER-PRESSURE | AIR-CONDITIONING.707-131B | AIR | 110P | | | | 66 | 2361 | 42412000 |
| GASPER-PRESSURE | AIR-CONDITIONING.707-131B | AIR | 130P | | | | 65 | 2361 | 42414000 |
| HELIUM | | LAB | 2.03 | | | | 63 | 1138 | 42416000 |
| HYDRAULIC-TANK-AIR-PRESSURE | HYDRAULIC-POWER.331C/373C | AIR | 480P | | | | 66 | 2360 | 42418000 |
| INDUCTION | MISSILE-CONTROL-EQUIPMENT | GRD | 69.93 | 272.806 | | .0143 | 62 | 1141 | 42420000 |
| LIQUID-OXYGEN | | AIR | 485.185 | 525.899 | | .540 | 63 | 2106 | 42422000 |
| ONP-OXYGEN | OXYGEN-707-331B | AIR | 190P | | | | 66 | 2364 | 42424000 |
| OXYGEN | PORTABLE-SYSTEM | AIR | 1.8702 | 7.27454 | 988 | .5347 | 66 | 1250 | 42426000 |
| OXYGEN | OXYGEN.707-131B | AIR | 70P | | | | 66 | 2362 | 42428000 |
| OXYGEN | OXYGEN.707-131 | AIR | 120P | | | | 66 | 2362 | 42430000 |
| OXYGEN | OXYGEN.707-331 | AIR | 170P | | | | 65 | 2362 | 42432000 |
| OXYGEN | | AIR | 1702.1 | 1818.11 | 946 | .22854 | 65 | 1228 | 42434000 |
| OXYGEN | FLOW-INDICATOR | AIR | 1800 | 2103.53 | 380 | .04 | 61 | 1080 | 42436000 |
| OXYGEN | | AIR | 2047.68 | 2193.24 | 812 | .17532 | 64 | 1179 | 42438000 |
| OXYGEN | PILOT-SUPPLY | AIR | 2639.4 | 2731.22 | 424 | .536 | 64 | 1266 | 42440000A |
| OXYGEN | | AIR | 4589.47 | 4883.64 | | .095 | 63 | 2126 | 42442000 |
| OXYGEN | | AIR | 5278.81 | 5407.69 | | .938 | 63 | 2112 | 42444000 |
| OXYGEN | | AIR | 31000 | | | | 62 | 1091 | 42446000 |
| OXYGEN.DILUTER.DEMAND | | AIR | 1511.09 | 1561.14 | 1194 | 1.0357 | 67 | 1272 | 42448000A |

PART CLASS 556 REGULATORS, FLUID

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 FLUID, N.O.C. | | | | | | | | | |
| OXYGEN.LIQUID | | LAB | 3 | | | | 63 | 1158 | 42450000 |
| OXYGEN.LIQUID | | AIR | 242.628 | 272.117 | 315 | .53992 | 65 | 1195 | 42452000 |
| OXYGEN.PORTABLE-SYSTEM | | AIR | 0 | 7.16517 | 624 | .32136 | 65 | 1227 | 42454000 |
| OXYGEN.PORTABLE-SYSTEM | | AIR | 21.4832 | 33.9984 | 400 | .46548 | 65 | 1198 | 42456000 |
| OXYGEN.PORTABLE-SYSTEM | | AIR | 142.222 | 180.19 | 150 | .225 | 63 | 1114 | 42458000 |
| OXYGEN.PORTABLE-SYSTEM | | AIR | 169.065 | 207.147 | 150 | .25434 | 63 | 1198 | 42460000 |
| OXYGEN.PORTABLE-SYSTEM | | AIR | 192.452 | 231.887 | 304 | .265 | 63 | 1114 | 42462000 |
| OXYGEN.PORTABLE-SYSTEM | | AIR | 194.348 | 226.65 | 150 | .38872 | 65 | 1198 | 42464000 |
| OXYGEN-CONTROL | | AIR | 2.62P | | | | 65 | 2590 | 42466000 |
| OXYGEN-CONTROL. PRESSURE | | AIR | 1.41P | | | | 65 | 2590 | 42468000 |
| OXYGEN-CONTROL. PRESSURE | | AIR | 3.83P | | | | 65 | 2590 | 42470000 |
| OXYGEN-CONTROL. REDUCER-VALVE | | AIR | 3.43P | | | | 65 | 2590 | 42472000 |
| OXYGEN-CREW-COMPARTMENT | OXYGEN.707-3318 | AIR | 160P | | | | 65 | 2362 | 42474000 |
| OXYGEN-CREW-COMPARTMENT | OXYGEN.707-3318 | AIR | 240P | | | | 66 | 2362 | 42476000 |
| OXYGEN-CREW-COMPARTMENT | OXYGEN.707-3318 | AIR | 270P | | | | 66 | 2362 | 42478000 |
| OXYGEN-CREW-COMPARTMENT | OXYGEN.707-3318 | AIR | 280P | | | | 66 | 2362 | 42480000 |
| OXYGEN-DILUTER | OXYGEN.707-331 | AIR | 60P | | | | 65 | 2361 | 42482000 |
| OXYGEN-DILUTER | OXYGEN.707-331 | AIR | 70P | | | | 66 | 2361 | 42484000 |
| OXYGEN-DILUTER | OXYGEN.707-331 | AIR | 80P | | | | 66 | 2362 | 42486000 |
| OXYGEN-DILUTER | OXYGEN.707-131 | AIR | 150P | | | | 66 | 2362 | 42488000 |
| OXYGEN-DILUTER | OXYGEN.707-331 | AIR | 170P | | | | 66 | 2362 | 42490000 |
| OXYGEN-DILUTER | OXYGEN.707-131 | AIR | 170P | | | | 65 | 2361 | 42492000 |
| OXYGEN-DILUTER | OXYGEN.707-331 | AIR | 170P | | | | 65 | 2362 | 42494000 |
| OXYGEN-DILUTER | OXYGEN.707-131 | AIR | 200P | | | | 65 | 2362 | 42496000 |
| OXYGEN-DILUTER | OXYGEN-707-331 | AIR | 230P | | | | 66 | 2364 | 42498000 |
| OXYGEN-DILUTER | OXYGEN-707-331 | AIR | 230P | | | | 65 | 2364 | 42500000 |
| OXYGEN-DILUTER | OXYGEN-707-331 | AIR | 250P | | | | 66 | 2364 | 42502000 |
| OXYGEN-DILUTER | OXYGEN-707-131 | AIR | 300P | | | | 66 | 2364 | 42504000 |
| OXYGEN-DILUTER | OXYGEN.707-131 | AIR | 300P | | | | 66 | 2361 | 42506000 |
| OXYGEN-DILUTER | OXYGEN-707-331 | AIR | 310P | | | | 66 | 2364 | 42508000 |
| OXYGEN-DILUTER | OXYGEN.707-131 | AIR | 380P | | | | 66 | 2362 | 42510000 |
| OXYGEN-DILUTER | OXYGEN.707-131 | AIR | 690P | | | | 66 | 2361 | 42512000 |
| OXYGEN-DILUTER-DEMAND | OXYGEN.880 | AIR | 30P | | | | 65 | 2360 | 42514000 |
| OXYGEN-DILUTER-DEMAND | OXYGEN.880 | AIR | 50P | | | | 66 | 2365 | 42516000 |
| OXYGEN-DILUTER-DEMAND | OXYGEN.880 | AIR | 120P | | | | 65 | 2363 | 42518000 |
| OXYGEN-DILUTER-DEMAND | OXYGEN.880 | AIR | 140P | | | | 66 | 2360 | 42520000 |
| OXYGEN-DILUTER-DEMAND | OXYGEN.880 | AIR | 170P | | | | 66 | 2363 | 42522000 |
| OXYGEN-DILUTER-DEMAND | OXYGEN.880 | AIR | 270P | | | | 65 | 2365 | 42524000 |
| OXYGEN-PRES-REDUCING | OXYGEN-707-131 | AIR | 270P | | | | 65 | 2364 | 42526000 |
| OXYGEN-PRES-REDUCING | OXYGEN-707-331 | AIR | 340P | | | | 66 | 2364 | 42528000 |
| OXYGEN-PRESSURE | OXYGEN.727 | AIR | 210P | | | | 66 | 2365 | 42530000 |
| OXYGEN-PRESSURE-REDUCING | OXYGEN.707-131 | AIR | 230P | | | | 66 | 2362 | 42532000 |

PART CLASS 596 REGULATORS, FLUID

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR RPT | YR OF DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 FLUID, N.E.C. | | | | | | | | | |
| RESERVOIR | | AIR | 126.315 | 166.229 | | .190 | 63 | 2121 | 42534000 |
| TENSION | ENGINE-CONTROL | AIR | * | 2.47333 | 800 | .93097 | 65 | 1198 | 42536000 |
| TENSION | ELEVATOR-CONTROL-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 42538000 |
| TENSION | ENGINE-CONTROL-SYSTEM | AIR | * | 23.2868 | 192 | .09888 | 65 | 1227 | 42540000 |
| TENSION | SPOILER/AIRBRAKE-CONTROL | AIR | * | 96.4641 | 62 | .02387 | 63 | 1111 | 42542000 |
| TENSION | ENGINE-CONTROL-SYSTEM | AIR | * | 13.9979 | 304 | .1645 | 66 | 1250 | 42544000A |
| TENSION | AIR-DROP-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 42546000A |
| TENSION | ENGINE-CONTROL | AIR | * | 2.2679 | 400 | 1.0133 | 65 | 1198 | 42548000 |
| TENSION | PITCH-TRIM-ACTUATOR | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 42550000A |
| TENSION | PITCH-TRIM-ACTUATOR | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 42552000 |
| TENSION | AILERON-CONTROL-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 42554000 |
| TENSION | ELEVATOR-CONTROL-SYSTEM | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 42556000 |
| TENSION | RUDDER,FLIGHT-CONTROL | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 42558000A |
| TENSION | RUDDER,FLIGHT-CONTROL | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 42560000 |
| TENSION | AIR-DROP-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 42562000 |
| TENSION | CABLE-ENDS.CONTROL.ENGINE | AIR | * | 46.3393 | | .04969 | 63 | 1123 | 42564000A |
| TENSION | AILERON-CONTROL-SYSTEM | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 42566000 |
| TENSION | ENGINE-CONTROL | AIR | 1.47442 | 9.73507 | 400 | .67823 | 63 | 1198 | 42568000 |
| TENSION | ANTENNA.HF-COMM-SYSTEM | AIR | 4.29664 | 16.7126 | 200 | .23274 | 65 | 1198 | 42570000 |
| TENSION | ANTENNA.HF-COMM-SYSTEM | AIR | 7.8796 | 20.9687 | 150 | .25382 | 65 | 1198 | 42572000 |
| TENSION | ANTENNA.HF-COMM-SYSTEM | AIR | 11.3634 | 30.2403 | 204 | .176 | 63 | 1114 | 42574000 |
| TENSION | STABILIZER.HORIZONTAL | AIR | 11.5834 | 20.3365 | 597 | .51709 | 67 | 1272 | 42576000 |
| TENSION | ANTENNA.HF-COMM-SYSTEM | AIR | 11.7952 | 31.3888 | 100 | .16956 | 63 | 1198 | 42578000 |
| TENSION | ANTENNA.HF-COMM-SYSTEM | AIR | 13.4228 | 35.7201 | 100 | .149 | 63 | 1114 | 42580000 |
| TENSION | RUDDER-CABLE | AIR | 18.1818 | 70.7218 | 320 | .055 | 61 | 1080 | 42582000A |
| TENSION | ENGINE-CONTROL | AIR | 20.9424 | 55.7308 | 248 | .0955 | 63 | 1111 | 42584000 |
| TENSION | STABILIZER.HORIZONTAL | AIR | 34.2231 | 76.2126 | 406 | .09764 | 64 | 1179 | 42586000 |
| TENSION | ELEVATOR-CONTROL | AIR | 41.8935 | 162.953 | 62 | .02387 | 63 | 1111 | 42588000 |
| TENSION | STABILIZER.HORIZONTAL | AIR | 43.756 | 81.1647 | 473 | .11427 | 65 | 1228 | 42590000 |
| TENSION | RUDDER-TRIM-CONTROL | AIR | 83.752 | 325.77 | 31 | .01194 | 63 | 1111 | 42592000 |
| TENSION | | AIR | 261.904 | 349.05 | | .084 | 61 | 1082 | 42594000 |
| THERMOSTATS | REFRIGERATION-UNIT.AIR-CONDITION | AIR | 147.368 | 211.875 | 76 | .095 | 64 | 1266 | 42596000A |
| THERMOSTATS.ACCELERATION/OIL-TEMP | FUEL-SYSTEM.AUXILIARY-POWER-UNIT | AIR | 40.453 | | 48 | .02472 | 65 | 1227 | 42598000 |
| THERMOSTATS.ACCELERATION/OVERHEAT | FUEL-SYSTEM. AUXILIARY-POWER-UNIT | AIR | 72.9394 | 182.431 | 76 | .04113 | 64 | 1250 | 42600000 |
| WATER-PRESSURE | WATER/WASTE.727 | AIR | 200P | | | | 66 | 2365 | 42602000 |
| WATER/AIR | BASIC-ENGINE | AIR | 31.152 | 43.7133 | 528 | .51361 | 65 | 1201 | 42604000 |
| XYGEN-DILUTER | OXYGEN-707-131 | AIR | 450P | | | | 65 | 2364 | 42606000 |
| .20 CUT OUT, OIL PRESSURE | | | | | | | | | |
| | | LAB | 1.03327 | 2.74969 | | 1.9356 | 64 | 2237 | 42608000 |

PART CLASS 596 REGULATORS, FLUID

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF DATA RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .46 CUT OUT, LOW TEMPERATURE | | | | | | | | | |
| | | | .516436 | 2.00953 | | 1.9356 | 64 | 2231 | 42618000 |
| | | | .516436 | 2.00953 | | 1.9356 | 64 | 2231 | 42612000 |
| .50 FLUID, GAS, N.O.C. | | | | | | | | | |
| GAS,2-STAGE | | LAB | 15.873C | 61.7412C | 19 | .063C | 62 | 1885 | 42614000 |
| .62 FLUID, HYDRAULIC FLUID | | | | | | | | | |
| CONTROL | | AIR | .1P | | | | 65 | 2590 | 42618000 |
| CONTROL | | AIR | .11P | | | | 65 | 2590 | 42618000 |
| CONTROL | | AIR | .14P | | | | 65 | 2590 | 42620000 |
| CONTROL. CONTROLLABLE-CHECK-VALVE | | AIR | .28P | | | | 65 | 2590 | 42622000 |
| CONTROL. PRESSURE-REDUCING-VALVE | | AIR | .15P | | | | 65 | 2590 | 42624000 |
| CONTROL.FLOW-VALVE | | AIR | .05P | | | | 65 | 2590 | 42626000 |
| CONTROL.FLOW-VALVE | | AIR | .08P | | | | 65 | 2590 | 42628000 |
| CONTROL.PRESSURE-VALVE | | AIR | .12P | | | | 65 | 2590 | 42630000 |
| CONTROL.RESTRICTOR | | AIR | .08P | | | | 65 | 2590 | 42632000 |
| CONTROL.RESTRICTOR | | AIR | .06P | | | | 65 | 2590 | 42634000 |
| CONTROL.RESTRICTOR | | AIR | .16P | | | | 65 | 2590 | 42634000 |
| CONTROL.RESTRICTOR.FLOW | | AIR | .36P | | | | 65 | 2590 | 42636000 |
| CONTROL.VALVE.PRESSURE | | AIR | .16P | | | | 65 | 2590 | 42638000 |
| TANK-AIR-PRESSURE | HYDRAULIC-POWER.707-3318 | AIR | .1P | | | | 65 | 2590 | 42640000 |
| | | AIR | 280P | | | | 65 | 2590 | 42642000 |
| .68 FLUID, PNEUMATIC | | | | | | | 66 | 2362 | 42644000 |
| | ENGINE-ANTI-ICE | AIR | * | 23.2868 | 192 | .09888 | 65 | 1227 | 42646000 |
| | GUN-TURRET.FIRE-CONTROL | AIR | * | 192.847 | 31 | .01194 | 65 | 1227 | 42648000 |
| | ANTI-ICING-AIR | AIR | * | 23.1719 | | .09937 | 63 | 1123 | 42650000A |
| | ENGINE-ANTI-ICE | AIR | * | 13.4975 | 384 | .1645 | 66 | 1290 | 42652000 |
| | DUCT-SEAL-PRESSURE | LAB | 2.4 | | | | 63 | 1138 | 42654000 |
| | DUCT-SEAL-PRESSURE | AIR | 20.2265 | 53.8250 | 192 | .09888 | 65 | 1227 | 42656000 |
| | | AIR | 30.3951 | 56.3811 | 384 | .1645 | 66 | 1290 | 42650000A |
| CONTROL. | | AIR | 120 | | | | 61 | 1068 | 42648000 |
| CONTROL.AIR-PRESSURE-AND-FILTER | | AIR | .06P | | | | 65 | 2590 | 42662000 |
| | | AIR | .08P | | | | 65 | 2590 | 42664000 |
| CONTROL.AIR-PRESSURE-AND-FILTER | | AIR | .1P | | | | 65 | 2590 | 42666000 |
| CONTROL.PRESSURE | | AIR | .1P | | | | 65 | 2590 | 42668000 |
| CONTROL.PRESSURE | | AIR | .1P | | | | 65 | 2590 | 42670000 |

PART CLASS 597 REGULATORS, FLUID

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .10 FLUID, FLOW | | | | | | | | | |
| | DOOR.HYDRAULIC.PRESSURE | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 42672000 |
| | DOOR.HYDRAULIC.PETAL | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 42674000 |
| | HYDRAULIC-SYSTEM.APU | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 42676000 |
| | HYDRAULIC-SYSTEM. AUXILIARY-POWER-UNIT | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 42678000 |
| | DOOR.HYDRAULIC.PETAL | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 42680000 |
| | DOOR.HYDRAULIC.PRESSURE | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 42682000A |
| | DOOR.HYDRAULIC.CARGO-RAMP | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 42684000 |
| | HYDRAULIC-SYSTEM | AIR | 6.30914 | 18.7895 | 1216 | .317 | 66 | 1223 | 42686000 |
| | DOOR.HYDRAULIC.CARGO-COMPARTMENT | AIR | 24.3131 | 94.5708 | 76 | .04113 | 66 | 1250 | 42688000 |
| | | AIR | 10( | | | | 61 | 1068 | 42690000 |
| | AIR-REFUELING-PUMPS | AIR | 166.666 | 371.155 | 64 | .018 | 59 | 1110 | 42692000 |
| | CIC-OXYGEN-SYSTEM | AIR | 222.491 | 335.723 | 96 | .04944 | 65 | 1227 | 42694000 |
| | CARGO-COMPARTMENT-OXYGEN-SYSTEM | AIR | 267.444 | 356.433 | 152 | .08226 | 66 | 1250 | 42696000A |
| | WATER-INJECT.ON-SYSTEM | AIR | 2378.37 | 2737.4 | 128 | .037 | 59 | 1110 | 42698000 |
| FLOW-AND-PRESSURE | | LAB | 2.14 | | | | 63 | 1138 | 42700000 |
| FLOW-AND-PRESSURE.FUE | | AIR | 789.473 | 919.626 | 248 | .095 | 63 | 1111 | 42702000 |
| FLOW-AND-PRESSURE.FUE | | AIR | 986.513 | 1192.37 | | .04969 | 63 | 1123 | 42704000A |
| FLOW-AND-PRESSURE.OI | | AIR | 386.554 | 470.352 | 310 | .119 | 63 | 1111 | 42706000 |
| HYDRAULIC | SPEED-BRAKE-SYSTEM | AIR | * | 26.2673 | 406 | .08766 | 64 | 1179 | 42708000 |
| HYDRAULIC | LANDING-GEAR.MAIN | AIR | * | 13.9975 | 304 | .1645 | 66 | 1250 | 42710000 |
| HYDRAULIC | WING-FLAP-SYSTEM | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 42712000 |
| HYDRAULIC | WING-FLAP-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 42714000 |
| HYDRAULIC | WING-FLAP-SYSTEM | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 42716000 |
| HYDRAULIC | LANDING-GEAR.NOSE | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 42718000 |
| HYDRAULIC | WING-FLAP-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 42720000 |
| HYDRAULIC | LANDING-GEAR.MAIN | AIR | * | 23.2868 | 192 | .09888 | 65 | 1227 | 42722000 |
| HYDRAULIC | SPEED-BRAKE-SYSTEM | AIR | 1.93091 | 7.51066 | 597 | .51789 | 67 | 1272 | 42724000 |
| HYDRAULIC | SPEED-BRAKE-SYSTEM | AIR | 8.7512 | 24.0395 | 473 | .11427 | 65 | 1228 | 42726000 |
| HYDRAULIC | LANDING-GEAR.NOSE | AIR | 12.1565 | 47.2854 | 152 | .08226 | 66 | 1250 | 42728000 |
| .60 FLUID, PRESSURE | | | | | | | | | |
| | TRANSMITTER.ALT-6B | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 42730000 |
| | JET-PUMP.AIR-CONDITIONING | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 42732000A |
| | JET-PUMP.AIR-COND | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 42734000 |
| | RADOME.ANTI-ICE/DE-ICE-SYSTEM | AIR | 8.59328 | 33.4252 | 100 | .11637 | 65 | 1198 | 42736000 |
| | CSD-OIL-SYSTEM | AIR | 10.1132 | 35.3375 | 192 | .09888 | 65 | 1227 | 42738000 |
| | CONSTANT-SPEED-DRIVE-OIL-SYSTEM | AIR | 24.3161 | 48.593 | 304 | .1645 | 66 | 1250 | 42740000 |
| | TANK.CSD-OIL-SYSTEM | AIR | 30.3398 | 67.5647 | 192 | .09888 | 65 | 1227 | 42742000 |
| | TANK.CONSTANT-SPEED-DRIVE-OIL-SYSTEM | AIR | 42.5551 | 71.5556 | 304 | .1645 | 66 | 1250 | 42744000A |
| | RADOME.ANTI-ICE/DE-ICE-SYSTEM | AIR | 66.6666 | 123.662 | 50 | .075 | 63 | 1114 | 42746000 |
| | OXYGEN-SYS.FLIGHT-STATION | AIR | 67.4217 | 95.7047 | 432 | .22248 | 65 | 1227 | 42748000 |
| | | AIR | 69 | | | | 57 | 2L1 | 42750000 |
| | RADOME.ANTI-ICE/DE-ICE-SYSTEM | AIR | 70.7714 | 124.228 | 50 | .08478 | 63 | 1198 | 42752000 |

PART CLASS 557 REGULATORS, FLUID

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .60 FLUID, PRESSURE | | | | | | | | | |
| | SUIT | AIR | 89.8562 | 141.833 | | .10016 | 66 | 1241 | 42754000 |
| | CANOPY-SEAL | AIR | 104.25 | 132.599 | | .29736 | 66 | 1241 | 42756000 |
| | OXYGEN-SYSTEM.FLIGHT-STATION | AIR | 113.452 | 139.353 | 684 | .3702 | 66 | 1250 | 42758000 |
| | RADAR-COMPARTMENT | AIR | 117.713 | 157.983 | | .1784 | 66 | 1263 | 42760000 |
| | CANOPY-SEAL-SYSTEM | AIR | 131.188 | 173.701 | 812 | .17532 | 64 | 1179 | 42762000 |
| | GTC.AUX-POWER-PLANT | AIR | 146.664 | 221.308 | 50 | .075 | 63 | 1114 | 42764000 |
| | CANOPY-SEAL | AIR | 155.45 | 172.357 | 1194 | 1.0357 | 67 | 1272 | 42766000 |
| | CABIN | AIR | 159.707 | 229.614 | 406 | .08766 | 64 | 1179 | 42768000 |
| | CABIN | AIR | 166.666 | 443.525 | 31 | .012 | 63 | 1111 | 42770000 |
| | BLEED-AIR-SYSTEM | AIR | 222.491 | 335.723 | 96 | .04944 | 65 | 1227 | 42772000 |
| | CABIN | AIR | 225.916 | 255.107 | 597 | .51789 | 67 | 1272 | 42774000 |
| | CANOPY-SEAL-SYSTEM | AIR | 227.531 | 273.351 | 946 | .22854 | 65 | 1228 | 42776000 |
| | BLEED-AIR-SYSTEM | AIR | 255.288 | 342.624 | 152 | .08226 | 66 | 1250 | 42778000A |
| | OXYGEN-CYLINDER.FIRST-AID | AIR | 296.244 | 342.121 | 75 | .28355 | 65 | 1196 | 42780000 |
| | CABIN | AIR | 306.292 | 383.928 | 473 | .11427 | 65 | 1228 | 42782000 |
| | | AIR | 333 | | | | 57 | 2L1 | 42784000 |
| | GTC.AUX-POWER-PLANT | AIR | 363.636 | 460.713 | 102 | .088 | 63 | 1114 | 42786000 |
| | CABIN | AIR | 429.957 | 526.807 | | .10001 | 66 | 1241 | 42788000 |
| | | AIR GND | 534 | | | | 61 | 2L2 | 42790000 |
| | POWER-UNIT | GRD | 759.493 | 1333.17 | | .0079 | 62 | 1135 | 42792000 |
| | | AIR SHP GRD | 869.565 | 980.391 | | .138 | 57 | 2L2 | 42794000 |
| | CABIN | AIR | 869.565 | 980.391 | | .138 | 59 | 1070 | 42796000 |
| | HYDRAULIC-SYSTEM | AIR | 1117.64 | 1523.67 | 64 | .017 | 66 | 1225 | 42798000 |
| AIR | PNEUMATIC-SYS.APU | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 42800000 |
| AIR | PNEUMATIC-SYSTEM. AUXILIARY-POWER-UNIT | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 42802000A |
| AIR | | AIR | 18.018 | 36.0069 | | .222 | 59 | 1070 | 42804000 |
| AIR | | AIR | 20.8333 | 81.0354 | 124 | .048 | 63 | 1111 | 42806000 |
| AIR | FUEL-TANKS.PRI | AIR | 28.5714 | 111.134 | 320 | .035 | 61 | 1080 | 42808000 |
| AIR | FUEL-CELL.FUSELAGE | AIR | 30.1693 | 49.0051 | | .26517 | 66 | 1241 | 42810000 |
| AIR | FUEL-TANK.WING.EXTERNAL | AIR | 66.373 | 81.1296 | | .66292 | 66 | 1241 | 42812000 |
| AIR | WING-TANK | AIR | 99.099 | 149.532 | 640 | .111 | 61 | 1080 | 42814000 |
| AIR | RADAR-SYSTEM | AIR | 105.177 | 166.016 | | .08557 | 63 | 1123 | 42816000A |
| AIR | RADAR-COMPARTMENT | AIR | 117.706 | 157.974 | | .17841 | 66 | 1241 | 42818000 |
| AIR | AIRBORNE-AUXILIARY-POWER.727 | AIR | 180P | | | | 66 | 2360 | 42820000 |
| AIR | COCKPIT | AIR | 257.069 | 380.924 | | .04668 | 63 | 1123 | 42822000A |
| AIR | | AIR | 312.5 | 422.579 | 580 | .064 | 61 | 1080 | 42824000A |
| AIR | | AIR | 610.526 | 726.663 | | .095 | 63 | 2120 | 42826000 |
| AIR | SHELTER-EQUIPMENT | GRD | 1176.47 | 3130.76 | | .0017 | 62 | 1141 | 42828000 |
| AIR | | AIR | 1333.33 | 1975.72 | 32 | .009 | 59 | 1110 | 42830000 |
| AIR.EMERGENCY | | AIR | 457.142 | 641.474 | 320 | .035 | 61 | 1080 | 42832000 |
| AIR.HYDRAULIC | | AIR | 585.714 | 721.285 | 640 | .07 | 61 | 1080 | 42834000A |
| CABIN | | AIR | 713.764 | 762.733 | | .538 | 63 | 2118 | 42836000 |
| CABIN | | AIR | 1536.84 | 1713.01 | | .095 | 63 | 2126 | 42838000 |
| CABIN | | AIR | 1658.1 | 2803.74 | | .00592 | 66 | 2132 | 42840000 |

PART CLASS 557 REGULATORS, FLUID

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .60 FLUID, PRESSURE | | | | | | | | | |
| COLD-GAS | | MSL | * | 10.1884C | | .226C | 62 | 1136 | 42842000 |
| COLD-GAS.HELIUM | | GRD | 10C | 38.897C | | .1C | 62 | 1136 | 42844000 |
| DIFFERENTIAL | AIR-CONDITIONING.707-331 | AIR | 340P | | | | 66 | 2362 | 42846000 |
| DIFFERENTIAL | AIR-CONDITIONING.707-331 | AIR | 340P | | | | 65 | 2362 | 42848000 |
| FUEL | AFTERBURNER.TURBOJET | AIR | * | 10.0752 | 948 | .22854 | 65 | 1228 | 42850000 |
| FUEL | TURBOJET.J-85 | AIR | * | 22.6055 | 812 | .10186 | 64 | 1179 | 42852000 |
| FUEL | GTC.AUX-POWER-PLANT | AIR | 8.59328 | 33.4252 | 100 | .11637 | 65 | 1198 | 42854000 |
| FUEL | GTC.AUX-POWER-PLANT | AIR | 141.942 | 209.737 | 50 | .08478 | 63 | 1198 | 42856000 |
| FUEL | TANK | AIR | 242.105 | 320.561 | 76 | .095 | 64 | 1266 | 42858000A |
| FUEL | GTC.AUX-POWER-PLANT | AIR | 338.822 | 415.144 | 50 | .12691 | 65 | 1198 | 42860000 |
| FUEL | TURBOJET.J-65 | AIR | 473.684 | 577.663 | 76 | .095 | 64 | 1266 | 42862000A |
| FUEL | | AIR | 947.368 | 1088.62 | | .095 | 63 | 2120 | 42864000 |
| HEATER-FUEL | | AIR | 37.037 | 74.0143 | | .108 | 63 | 2105 | 42866000 |
| HELIUM..2360PSIG-TO-457PSIG | | GRD | 671.14 | 2610.53 | 33 | .00149 | 65 | 1171 | 42868000 |
| HYDRAULIC-TANK-AIR | HYDRAULIC-POWER.707-131B | AIR | 140P | | | | 65 | 2364 | 42870000 |
| HYDRAULIC-TANK-AIR | HYDRAULIC-POWER.707-131 | AIR | 230P | | | | 66 | 2361 | 42872000 |
| HYDRAULIC-TANK-AIR | HYDRAULIC-POWER.707-131 | AIR | 270P | | | | 65 | 2364 | 42874000 |
| HYDRAULIC-TANK-AIR | HYDRAULIC-POWER.707-331 | AIR | 340P | | | | 66 | 2364 | 42876000 |
| HYDRAULIC-TANK-AIR | HYDRAULIC-POWER.707-131 | AIR | 440P | | | | 66 | 2361 | 42878000 |
| HYDRAULIC-TANK-AIR | HYDRAULIC-POWER.707-331 | AIR | 520P | | | | 65 | 2361 | 42880000 |
| LOW | WATER-INJECTION-SYSTEM | AIR | 10.4712 | 40.7298 | 248 | .0955 | 63 | 1111 | 42882000 |
| OXYGEN | | AIR | 269.841 | 374.7 | | .063 | 61 | 1002 | 42884000 |
| OXYGEN | | AIR | 1251.53 | 1371.47 | | .163 | 61 | 1083 | 42886000 |
| OXYGEN.FIXED-SYSTEM | | AIR | 139.211 | 154.301 | 6000 | 1.1637 | 65 | 1198 | 42888000 |
| OXYGEN.FIXED-SYSTEM | | AIR | 141.935 | 189.162 | 680 | .155 | 63 | 1114 | 42890000 |
| OXYGEN.FIXED-SYSTEM | | AIR | 379.603 | 481.078 | 816 | .706 | 63 | 1114 | 42892000 |
| OXYGEN.FIXED-SYSTEM | | AIR | 381.168 | 407.217 | 400 | 1.0153 | 65 | 1198 | 42894000 |
| OXYGEN.FIXED-SYSTEM | | AIR | 473.29 | 508.971 | 400 | .67823 | 63 | 1198 | 42896000 |
| OXYGEN.FIXED-SYSTEM | | AIR | 475.792 | 513.983 | 400 | .599 | 63 | 1114 | 42898000 |
| PNEUMATIC | AUX-POWER-PLT | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 42900000 |
| PNEUMATIC | AUX-POWER-PLT | AIR | 8.59328 | 33.4252 | 100 | .11637 | 65 | 1198 | 42902000 |
| PNEUMATIC | AUX-POWER-PLT | AIR | 58.9761 | 109.397 | 50 | .08478 | 63 | 1198 | 42904000 |
| PNEUMATIC | AUX-POWER-PLT | AIR | 66.6666 | 123.662 | 50 | .075 | 63 | 1114 | 42906000 |
| PNEUMATIC | NOSE-GEAR | AIR | 2916.66 | 3914.48 | | .0072 | 66 | 1241 | 42908000 |
| REGULATOR | OXYGEN.707-131 | AIR | 520P | | | | 65 | 2361 | 42910000 |
| SOLENOID | | | * | | | | 66 | 2231 | 42912000 |
| .70 FLUID, TEMPERATURE | | | | | | | | | |
| | IRIS-MIXING-VALVE | GRD | * | 6223.24 | 8 | .00037 | 66 | 1245 | 42914000A |
| | CABIN.AIR-CONDITIONING | AIR | 5.70385 | 22.1842 | 812 | .17532 | 64 | 1179 | 42916000 |
| | CABIN.AIR-CONDITIONING | AIR | 1340.03 | 1880.38 | 31 | .01194 | 63 | 1111 | 42918000 |
| AIR | ENGINE | AIR | * | 24.1109 | 248 | .0955 | 63 | 1111 | 42920000 |
| AUTOMATIC | | AIR | 800 | 1498.71 | 16 | .005 | 59 | 1110 | 42922000 |
| OIL | ENGINE | AIR | 70.8466 | 124.36 | 180 | .08469 | 64 | 1144 | 42924000A |

SECTION I FAILURE RATE DATA

PART CLASS 557 REGULATORS, FLUID

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .80 FLUID, TEMPERATURE | | | | | | | | | |
| THERMOSTAT | | QUAL TEST | * | 62.2324 | | .037 | 59 | 212 | 42926000 |
| THERMOSTAT | | | .387 | | | | 62 | 2231 | 42928000 |
| THERMOSTAT | | AIR GND | 2.16606 | 3.8022 | | 2.77 | 58 | 212 | 42930000 |
| THERMOSTAT | | PSL | 0 | | | | 58 | 212 | 42932000 |
| THERMOSTAT | | | 24 | | | | 59 | 214 | 42934000 |
| THERMOSTAT | | AIR GND | 44.9436 | 73.0039 | | .178 | 58 | 212 | 42936000 |
| THERMOSTAT.APU-ACC-AND-D-TEMPERATURE | AIRBORNE-AUXILIARY-POWER.727 | AIR | 2ECP | | | | 66 | 2365 | 42938000 |
| THERMOSTAT.APU-ACC-AND-D-TEMPERATURE | AIRBORNE-AUXILIARY-POWER.727 | AIR | 3CCP | | | | 65 | 2365 | 42940000 |
| THERMOSTAT.APU-ACCELERATION | AIRBORNE-AUXILIARY-POWER.727 | AIR | 180P | | | | 66 | 2360 | 42942000 |
| THERMOSTAT.APU-ACCELERATION | AIRBORNE-AUXILIARY-POWER.727 | AIR | 20CP | | | | 64 | 2365 | 42944000 |
| THERMOSTAT.APU-ACCELERATION | AIRBORNE-AUXILIARY-POWER.727 | AIR | 3[illegible]P | | | | 65 | 2365 | 42946000 |
| THERMOSTAT.APU-ACCELERATION | AIRBORNE-AUXILIARY-POWER.727 | AIR | 4[illegible]P | | | | 66 | 2365 | 42948000 |
| THERMOSTAT.APU-LOAD | AIRBORNE-AUXILIARY-POWER.727 | AIR | 560P | | | | 66 | 2360 | 42950000 |
| THERMOSTAT.APU-LOAD | AIRBORNE-AUXILIARY-POWER.727 | AIR | 270P | | | | 65 | 2360 | 42952000 |
| THERMOSTAT.APU-LOAD | AIRBORNE-AUXILIARY-POWER.727 | AIR | 30[illegible]P | | | | 65 | 2365 | 42954000 |
| THERMOSTAT.APU-LOAD | AIRBORNE-AUXILIARY-POWER.727 | AIR | 41CP | | | | 66 | 2365 | 42956000 |
| THERMOSTAT.APU-LOAD | AIRBORNE-AUXILIARY-POWER.727 | AIR | 440P | | | | 66 | 2365 | 42958000 |
| THERMOSTAT.APU-LOAD | AIRBORNE-AUXILIARY-POWER.727 | AIR | 74CP | | | | 66 | 2360 | 42960000 |
| THERMOSTAT.APU-LOAD | AIRBORNE-AUXILIARY-POWER.727 | AIR | 750P | | | | 66 | 2360 | 42962000 |
| THERMOSTAT.CONTROL | | | .0136 | | | | 61 | 2231 | 42964000 |
| THERMOSTAT.CONTROL | | | .0334 | | | | 61 | 2231 | 42966000 |
| THERMOSTAT.CONTROL | | | .[illegible] | | | | 61 | 2231 | 42968000 |
| THERMOSTAT.CONTROL | | | .[illegible] | | | | 61 | 2231 | 42970000 |
| THERMOSTAT.GYROSCOPE, TEMPERATURE,REGULATOR | | | 2.38663C | 9.28329C | .419C | | 62 | 218 | 42972000 |
| THERMOSTAT.PNEUMATIC | AIR-CONDITIONING.727 | AIR | 640P | | | | 66 | 2365 | 42974000 |
| THERMOSTAT.PNEUMATIC | AIR-CONDITIONING.727 | AIR | 71CP | | | | 66 | 2365 | 42976000 |
| THERMOSTAT.PNEUMATIC | AIR-CONDITIONING.727 | AIR | 1370P | | | | 65 | 2365 | 42978000 |
| THERMOSTAT.PNEUMATIC | AIR-CONDITIONING.727 | AIR | 1750P | | | | 66 | 2360 | 42980000 |
| THERMOSTAT.PNEUMATIC | AIR-CONDITIONING.727 | AIR | 2430P | | | | 66 | 2360 | 42982000 |
| THERMOSTAT.PNEUMATIC | AIR-CONDITIONING.727 | AIR | 3430P | | | | 65 | 2360 | 42984000 |
| THERMOSTAT.ROOM | | | .355 | | | | 62 | 2231 | 42986000 |
| THERMOSTAT.44DEG.MAXIMUM | | | .[illegible]417 | | | | 61 | 2231 | 42988000 |
| THERMOSTAT.44DEG.MAXIMUM | | | .[illegible]417 | | | | 61 | 2231 | 42990000 |
| THERMOSTAT.60DEG.MINIMUM | | | .[illegible]417 | | | | 61 | 2231 | 42992000 |
| THERMOSTAT.60DEG.MINIMUM | | | .[illegible]417 | | | | 61 | 2231 | 42994000 |
| THERMOSTAT.82F1-58L0 | | | .[illegible]417 | | | | 61 | 2231 | 42996000 |
| THERMOSTAT-AUXILIARY-POWER-UNIT-ACCELERATION | AIRBORNE-AUXILIARY-POWER.727 | AIR | 220P | | | | 66 | 2365 | 42998000 |
| THERMOSTAT-AUXILIARY-POWER-UNIT-ACCELERATION | AIRBORNE-AUXILIARY-POWER.727 | AIR | 470P | | | | 66 | 2365 | 43000000 |
| THERMOSTAT-AUXILIARY-POWER-UNIT-ACCELERATION | AIRBORNE-AUXILIARY-POWER.727 | AIR | 1700P | | | | 65 | 2365 | 43002000 |

PART CLASS ...7 REGULATOR, FLUID

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90% CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .05 FLUID, TEMPERATURE | | | | | | | | | |
| THERMOSTAT-AUXILIARY-POWER-UNIT-LOAD | AIRBORNE-AUXILIARY-POWER.727 | AIR | 1.0CP | | | | 65 | 2365 | 43004000 |
| THERMOSTAT-AUXILIARY-POWER-UNIT-LOAD | AIRBORNE-AUXILIARY-POWER.727 | AIR | 4.0CP | | | | 66 | 2365 | 43006000 |
| THERMOSTAT-AUXILIARY-POWER-UNIT-LOAD | AIRBORNE AUXILIARY-POWER.727 | AIR | 1.0CP | | | | 66 | 2365 | 43008000 |
| THERMOSTAT-PNEUMATIC | AIR-CONDITIONING.727 | AIR | 7.0 P | | | | 66 | 2363 | 43010000 |
| THERMOSTAT-PNEUMATIC | AIR-CONDITIONING.727 | AIR | 1.0CP | | | | 66 | 2363 | 43012000 |
| THERMOSTATS | RADOME.LIMIT.HIGH.ANTI/DE-ICE-SYSTEM | AIR | * | 18.1435 | 50 | .1261 | 65 | 1198 | 43014000 |
| THERMOSTATS | FLOW-CONTROL.RADAR-TRANSMITTER | SIM GRD AIR | * | 115.13 | 139 | .02 | 63 | 1117 | 43016000 |
| THERMOSTATS | FLOW-CONTROL.RADAR-TRANSMITTER | SIM GRD AIR | * | 82.9765 | 199 | .02775 | 64 | 1181 | 43018000A |
| THERMOSTATS | AIR-BLEED.AIR-CONDITIONING-SYSTEM | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 43020000 |
| THERMOSTATS | | LAB | * | 34.1632 | 78 | .0674 | 66 | 1230 | 43022000A |
| THERMOSTATS | OVERHEAT-WARNING.EMPENNAGE. ANTI/DE-ICE | AIR | * | 13.5798 | 100 | .16956 | 63 | 1198 | 43024000 |
| THERMOSTATS | | LAB | .06 | | | | 63 | 1130 | 43026000 |
| THERMOSTATS | THERMOSTAT | LAB | 2.36+630 | 9.263290 | 8 | .4190 | 62 | 1136 | 43028000 |
| THERMOSTATS | | AIR | 3 | | | | 61 | 1068 | 43030000 |
| THERMOSTATS | | GRD | 5 | | | | 63 | 1098 | 43032000 |
| THERMOSTATS | | GRD | 5 | | | | 65 | 1251 | 43034000 |
| THERMOSTATS | OVERHEAT-WARNING.WING. ANTI-ICE/DE-ICE | AIR | 7.08283 | 13.1369 | 816 | .736 | 63 | 1114 | 43036000 |
| THERMOSTATS | OVERHEAT-WARNING.WING. ANTI-ICE/DE-ICE | AIR | 7.87944 | 12.7938 | 400 | 1.0153 | 65 | 1198 | 43038000 |
| THERMOSTATS | OIL-SYSTEM.ENGINE | AIR | 10.4782 | 40.7298 | 249 | .0555 | 63 | 1111 | 43040000 |
| THERMOSTATS | RADOME.LIMIT.HIGH.ANTI/DE-ICE-SYSTEM | AIR | 11.7952 | 45.8799 | 50 | .08478 | 63 | 1198 | 43042000 |
| THERMOSTATS | OVERHEAT-WARNING.EMPENNAGE. ANTI/DE-ICE | AIR | 12.8899 | 22.6263 | 400 | .46546 | 65 | 1198 | 43044000 |
| THERMOSTATS | RADOME.TEMPERATURE-CONTROL. ANTI/DE-ICE-SYSTEM | AIR | 15.7941 | 41.9375 | 50 | .12691 | 65 | 1198 | 43046000 |
| THERMOSTATS | | AIR | 15.873 | 61.7412 | | .063 | 61 | 1082 | 43048000 |
| THERMOSTATS | RADOME.TEMPERATURE-CONTROL. ANTI/DE-ICE-SYSTEM | AIR | 17.1865 | 45.736 | 100 | .11637 | 65 | 1198 | 43050000 |
| THERMOSTATS | OVERHEAT-WARNING.EMPENNAGE. ANTI/DE-ICE | AIR | 21.6693 | 32.6973 | 300 | .50763 | 65 | 1198 | 43052000 |
| THERMOSTATS | RADOME.ANTI-ICE/DE-ICE-SYSTEMS | AIR | 22.7272 | 60.4806 | 102 | .088 | 63 | 1114 | 43054000 |
| THERMOSTATS | | LAB | 24 | | | | 61 | 1071 | 43056000 |
| THERMOSTATS | OVERHEAT-WARNING.EMPENNAGE. ANTI/DE-ICE | AIR | 25.4957 | 40.2432 | 408 | .353 | 63 | 1114 | 43058000 |
| THERMOSTATS | RADOME.LIMIT.HIGH.ANTI/DE-ICE-SYSTEM | AIR | 25.7798 | 57.4099 | 100 | .11637 | 65 | 1198 | 43060000 |
| THERMOSTATS | RADOME.ANTI-ICE/DE-ICE-SYSTEMS | AIR | 40 | 89.0773 | 50 | .075 | 63 | 1114 | 43062000 |
| THERMOSTATS | PNEUMATIC-ACCEL.FUEL-SYSTEM. AUXILIARY-POWER | AIR | 43.4345 | 90.8357 | 102 | .088 | 63 | 1114 | 43064000 |
| THERMOSTATS | RADOME.TEMPERATURE-CONTROL. ANTI/DE-ICE-SYSTEM | AIR | 47.1809 | 94.2857 | 50 | .08478 | 63 | 1198 | 43066000 |

PART CLASS 997 REGULATORS, FLUID

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CFBSI INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .80 FLUID, TEMPERATURE | | | | | | | | | |
| THERMOSTATS | OVERHEAT-WARNING,WING, ANTI-ICE/DE-ICE | AIR | 53.0785 | 73.0014 | 200 | .33912 | 63 | 1198 | 43063000 |
| THERMOSTATS | PNEUMATIC-ACCEL.FUEL-SYSTEM, AUXILIARY-POWER | AIR | 53.3333 | 106.58 | 50 | .075 | 63 | 1114 | 43070000 |
| THERMOSTATS | PNEUMATIC-ACCEL.FUEL-SYSTEM, AUXILIARY-POWER | AIR | 55.1571 | 92.7499 | 50 | .12691 | 65 | 1198 | 43072000 |
| THERMOSTATS | OVERHEAT-WARNING,WING, ANTI-ICE/DE-ICE | AIR | 56.8561 | 78.9501 | 200 | .299 | 63 | 1114 | 43074000 |
| THERMOSTATS | PNEUMATIC-ACCEL.FUEL-SYSTEM, AUXILIARY-POWER | AIR | 58.9761 | 109.397 | 50 | .08478 | 63 | 1198 | 43076000 |
| THERMOSTATS | CARGO-COMPARTMENT,AIR-CONDITIONER | AIR | 66.6666 | 259.313 | 68 | .015 | 63 | 1114 | 43078000 |
| THERMOSTATS | LOAD-CONTROL,PNEUMATIC,GAS-TURBINE-COMPRESSOR,AUXILIARY-POWER | AIR | 66.6666 | 259.313 | 68 | .015 | 63 | 1114 | 43080000 |
| THERMOSTATS | TEMPERATURE,FLOOR,AIR-CONDITIONING, CARGO | AIR | 77.3395 | 122.076 | 100 | .11637 | 65 | 1198 | 43082000 |
| THERMOSTATS | FLAP,OIL-COOLER,ENGINE | AIR | 80.6451 | 149.591 | 272 | .062 | 63 | 1114 | 43084000 |
| THERMOSTATS | PNEUMATIC-ACCEL.FUEL-SYSTEM, AUXILIARY-POWER | AIR | 94.526 | 142.632 | 100 | .11637 | 65 | 1198 | 43086000 |
| THERMOSTATS | FLAP,OIL-COOLER,ENGINE | AIR | 120.305 | 143.646 | 400 | .46548 | 65 | 1198 | 43088000 |
| THERMOSTATS | CONTROL,LOAD,PNEUMATIC-SYSTEM, AUXILIARY-POWER-UNIT | AIR | 121.359 | 270.258 | 48 | .02472 | 65 | 1227 | 43090000 |
| THERMOSTATS | LOAD-CONTROL,PNEUMATIC,GAS-TURBINE-COMPRESSOR,AUXILIARY-POWER | AIR | 146.085 | 202.853 | 100 | .11637 | 65 | 1198 | 43092000 |
| THERMOSTATS | FLAP,OIL-COOLER,ENGINE | AIR | 169.971 | 261.496 | 408 | .353 | 63 | 1114 | 43094000 |
| THERMOSTATS | FLAP,OIL-COOLER,ENGINE | AIR | 196.993 | 224.715 | 200 | .30763 | 65 | 1198 | 43096000 |
| THERMOSTATS | DUCT-ANTICIP.AIR-CONDITIONING, FLIGHT-DECK | AIR | 200 | 445.386 | 68 | .015 | 63 | 1114 | 43098000 |
| THERMOSTATS | LOAD-CONTROL,PNEUMATIC,GAS-TURBINE-COMPRESSOR,AUXILIARY-POWER | AIR | 200.518 | 278.439 | 50 | .08478 | 63 | 1198 | 43100000 |
| THERMOSTATS | CARGO-COMPARTMENT,AIR-CONDITIONER | AIR | 214.832 | 281.096 | 100 | .11637 | 65 | 1198 | 43102000 |
| THERMOSTATS | LOAD-CONTROL,PNEUMATIC,GAS-TURBINE-COMPRESSOR,AUXILIARY-POWER | AIR | 226.666 | 314.748 | 50 | .075 | 63 | 1114 | 43104000 |
| THERMOSTATS | TEMPERATURE,FLOOR,AIR-CONDITIONING, CARGO | AIR | 266.666 | 533.903 | 68 | .015 | 63 | 1114 | 43106000 |
| THERMOSTATS | CABIN,AIR-CONDITIONING,FLIGHT-DECK | AIR | 271.29 | 359.203 | 50 | .08478 | 63 | 1198 | 43108000 |
| THERMOSTATS | CABIN,AIR-CONDITIONING,FLIGHT-DECK | AIR | 280 | 375.79 | 50 | .075 | 63 | 1114 | 43110000 |
| THERMOSTATS | CARGO-COMPARTMENT,AIR-CONDITIONER | AIR | 293.333 | 350.936 | 50 | .075 | 63 | 1114 | 43112000 |
| THERMOSTATS | LOAD-CONTROL,PNEUMATIC,GAS-TURBINE-COMPRESSOR,AUXILIARY-POWER | AIR | 318.181 | 409.999 | 102 | .088 | 63 | 1114 | 43114000 |
| THERMOSTATS | TEMPERATURE,FLOOR,AIR-CONDITIONING, CARGO | AIR | 330.943 | 406.496 | 50 | .12691 | 65 | 1198 | 43116000 |
| THERMOSTATS | CARGO-COMPARTMENT,AIR-CONDITIONER | AIR | 353.857 | 451.935 | 50 | .08478 | 63 | 1198 | 43118000 |
| THERMOSTATS | LOAD-CONTROL,PNEUMATIC,GAS-TURBINE-COMPRESSOR,AUXILIARY-POWER | AIR | 354.981 | 432.418 | 50 | .12691 | 65 | 1198 | 43120000 |
| THERMOSTATS | DUCT-ANTICIP.AIR-CONDITIONING, CARGO-COMPARTMENT | AIR | 360.917 | 443.314 | 100 | .11637 | 65 | 1198 | 43122000 |

PART CLASS VALVE REGULATORS, FLUID

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF DATA PRT | YR OF DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .PC FLUID, TEMPERATURE | | | | | | | | | |
| THERMOSTATS | CABIN.AIR-CONDITIONING.FLIGHT-DECK | AIR | 369.511 | 452.745 | 100 | .11637 | 65 | 1198 | 43124000 |
| THERMOSTATS | TEMPERATURE.FLOOR.AIR-CONDITIONING. CARGO | AIR | 375 | 473.34 | 102 | .088 | 63 | 1114 | 43128000 |
| THERMOSTATS | CABIN.AIR-CONDITIONING.FLIGHT-DECK | AIR | 393.979 | 475.451 | 50 | .12691 | 65 | 1198 | 43128050 |
| THERMOSTATS | DUCT-ANTICIP.AIR-CONDITIONING. CARGO-COMPARTMENT | AIR | 400 | 702.14 | 68 | .015 | 63 | 1114 | 43130000 |
| THERMOSTATS | FLAP.OIL-COOLER.ENGINE | AIR | 401.037 | 448.802 | 200 | .33912 | 63 | 1198 | 43132050 |
| THERMOSTATS | FLAP.OIL-COOLER.ENGINE | AIR | 424.749 | 477.245 | 200 | .299 | 63 | 1114 | 43134050 |
| THERMOSTATS | CARGO-COMPARTMENT.AIR-CONDITIONER | AIR | 441.257 | 526.865 | 50 | .12691 | 65 | 1198 | 43136050 |
| THERMOSTATS | CABIN.AIR-CONDITIONING.FLIGHT-DECK | AIR | 465.909 | 573.75 | 102 | .088 | 63 | 1114 | 43138000 |
| THERMOSTATS | CARGO-COMPARTMENT.AIR-CONDITIONER | AIR | 493.506 | 612.814 | 102 | .077 | 63 | 1114 | 43140000 |
| THERMOSTATS | DUCT-ANTICIP.AIR-CONDITIONING. FLIGHT-DECK | AIR | 661.682 | 769.193 | 100 | .11637 | 65 | 1198 | 43142000 |
| THERMOSTATS | OVERHEAT-WARNING.WING. ANTI-ICE/DE-ICE | AIR | 783.719 | 801.694 | 800 | .93097 | 65 | 1198 | 43144000 |
| THERMOSTATS | | GND | 916.466 | 1383.17 | | .012 | 62 | 1072 | 43146000 |
| THERMOSTATS | DUCT-ANTICIP.AIR-CONDITIONING. CARGO-COMPARTMENT | AIR | 953.431 | 1074.39 | 50 | .12691 | 65 | 1198 | 43148000 |
| THERMOSTATS | DUCT-ANTICIP.AIR-CONDITIONING. FLIGHT-DECK | AIR | 969.19 | 1091.96 | 50 | .12691 | 65 | 1198 | 43150000 |
| THERMOSTATS | DUCT-ANTICIP.AIR-CONDITIONING. CARGO-COMPARTMENT | AIR | 1045.45 | 1199.46 | 102 | .089 | 63 | 1114 | 43152000 |
| THERMOSTATS | DUCT-ANTICIP.AIR-CONDITIONING. FLIGHT-DECK | AIR | 1068.18 | 1223.65 | 102 | .088 | 65 | 1114 | 43154000 |
| THERMOSTATS | DUCT-ANTICIP.AIR-CONDITIONING. FLIGHT-DECK | AIR | 1586.66 | 1789.8 | 50 | .075 | 63 | 1114 | 43156000 |
| THERMOSTATS | DUCT-ANTICIP.AIR-CONDITIONING. FLIGHT-DECK | AIR | 1592.35 | 1782.76 | 50 | .08478 | 63 | 1198 | 43158000 |
| THERMOSTATS | DUCT-ANTICIP.AIR-CONDITIONING. CARGO-COMPARTMENT | AIR | 1899.03 | 2105.57 | 50 | .08478 | 63 | 1198 | 43160000 |
| THERMOSTATS | DUCT-ANTICIP.AIR-CONDITIONING. CARGO-COMPARTMENT | AIR | 2000 | 2225.95 | 50 | .075 | 63 | 1114 | 43162000 |
| THERMOSTATS. TEMPERATURE-LIMITING.LOW | | AIR | 1528.57 | 1941.4 | 620 | .035 | 61 | 1080 | 43164000A |
| THERMOSTATS.BI-METAL | | AIR | 0 | 44.2807 | 60 | .052 | 64 | 1166 | 43166000 |
| THERMOSTATS.BI-METAL | | AIR GND | 8.01603 | 16.0191 | | .499 | 63 | 1096 | 43168000 |
| THERMOSTATS.BI-METAL | | AIR | 45.4545 | 176.804 | 60 | .022 | 64 | 1166 | 43170000 |
| THERMOSTATS.BI-METAL | | GEN | 62.5 | 101.521 | | .128 | 62 | 1078 | 43172000 |
| THERMOSTATS.CONTROL.LOAD | PNEUMATIC-SYSTEM. AUXILIARY-POWER-UNIT | AIR | 221.565 | 225.497 | 76 | .04113 | 66 | 1250 | 43174000A |
| THERMOSTATS.HIGH-LIMIT | AIR-CONDITION.FLIGHT-DECK | AIR | 39.3979 | 73.0809 | 50 | .12691 | 65 | 1198 | 43176000 |
| THERMOSTATS.HIGH-LIMIT | AIR-CONDITION.CARGO-COMPARTMENT | AIR | 42.9664 | 79.7 | 100 | .11637 | 65 | 1198 | 43178000 |
| THERMOSTATS.HIGH-LIMIT | AIR-CONDITION.FLIGHT-DECK | AIR | 45.4545 | 90.8357 | 102 | .085 | 63 | 1114 | 43180000 |
| THERMOSTATS.HIGH-LIMIT | AIR-CONDITION.FLIGHT-DECK | AIR | 51.5596 | 90.5052 | 100 | .11637 | 65 | 1198 | 43182000 |
| THERMOSTATS.HIGH-LIMIT | AIR-CONDITION.CARGO-COMPARTMENT | AIR | 66.6755 | 130.786 | 50 | .12691 | 65 | 1198 | 43184000 |

PART CLASS 567 REGULATORS, FLUID

| PART DESCRIPTION<br>.00 FLUID, TEMPERATURE | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | VR OF RPT | BAVA SACE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| THERMOSTATS.HIGH-LIMIT | AIR-CONDITION.FLIGHT-DECK | AIR | 106.666 | 173.262 | 50 | .075 | 63 | 1114 | 43196000 |
| THERMOSTATS.HIGH-LIMIT | AIR-CONDITION.FLIGHT-DECK | AIR | 129.747 | 195.779 | 50 | .08478 | 63 | 1198 | 43188000 |
| THERMOSTATS.HIGH-LIMIT | AIR-CONDITION.CARGO-COMPARTMENT | AIR | 212.314 | 292.006 | 50 | .08478 | 63 | 1198 | 43196000 |
| THERMOSTATS.ML-1 | | GRD | * | 1.82833 | 150 | 1.2594 | 65 | 1216 | 43192000 |
| THERMOSTATS.SWITCH-TYPE | | GRD | * | 209.327 | | .011 | 60 | 1067 | 43194000A |
| THERMOSTATS.SWITCH-TYPE | | AIR | 105-263 | 280.121 | | .019 | 60 | 1067 | 43196000A |
| THERMOSTATS.SWITCH-TYPE | | GRD | 428.571 | 954.4 | | .007 | 60 | 1067 | 43198000A |
| THERMOSTATS.TA-1 | | AIR GND | 850 | 1299.47 | | .010 | 60 | 1067 | 43200000A |
| THERMOSTATS.TA-2 | | GRD | 1.58805 | 4.22606 | 150 | 1.2594 | 65 | 1216 | 43202000 |
| THERMOSTATS.TA-4 | | GRD | 11.1164 | 15.9822 | 150 | 1.2594 | 65 | 1216 | 43204000 |
| THERMOSTATS.TC-1 | | GRD | 11.1164 | 15.9822 | 150 | 1.2594 | 65 | 1216 | 43206000 |
| THERMOSTATS.TC-4 | | GRD | 4.76417 | 8.36279 | 150 | 1.2594 | 65 | 1216 | 43208000 |
| THERMOSTATS.TC-5 | | GRD | * | 1.82833 | 150 | 1.2594 | 65 | 1216 | 43210000 |
| | | GRD | * | 1.82833 | 150 | 1.2594 | 65 | 1216 | 43212000 |

PART CLASS ECI RELAYS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 60 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .UQ N.O.C. | | | | | | | | | |
| | DIGITAL | GRD | • | 1.97309 | | 1.167 | 59 | 2001 | 43214000 |
| | COMPUTER.AN/ASN-35 | AIR | • | 1.39568 | 650 | 1.6498 | 65 | 1198 | 43216000 |
| | | AIR | • | 69.7757 | 7 | .033 | 62 | 1099 | 43218000 |
| | BRAKE/SHUTOFF-VALVE.WING-FLAP-SYSTEM | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 43220000 |
| | | GRD SHP | • | 41.3913 | | .05563 | 64 | 1180 | 43222000 |
| | AUXILIARY-VENTILATION.AIR-CONDITION. CARGO-COMPARTMENT | AIR | • | 19.7868 | 100 | .11637 | 65 | 1198 | 43224000 |
| | DOOR.ELECTRIC.AIR-SPOILER.PARATROOP | AIR | • | 46.5736 | 96 | .04944 | 65 | 1227 | 43226000 |
| | DIGITAL | GRD | • | .847791 | | 2.716 | 59 | 2001 | 43228000 |
| | | AIR | • | 34.8878 | 13 | .066 | 62 | 1099 | 43230000 |
| | ADF.POWER-SUPPLY.COMM/IDENT/ NAVIGATION-SYSTEM | SIM GRD AIR | • | 91.9201 | 195 | .02505 | 64 | 1181 | 43232000A |
| | DIGITAL | GRD | • | 287.825 | | .006 | 60 | 2001 | 43234000 |
| | | LAB | • | 121.189 | 21 | .019 | 65 | 1224 | 43236000A |
| | COMMUNICATION-EQUIPMENT | AIR | • | 4.94672 | 400 | .46548 | 65 | 1198 | 43238000 |
| | ANTI-ICING.NACELLE.PNEUMATIC-SYSTEM | AIR | • | 23.2868 | 192 | .09888 | 65 | 1227 | 43240000 |
| | CAMERA.BOMBING-SYSTEM | AIR | • | 48.2219 | 124 | .04775 | 63 | 1111 | 43242000 |
| | FIELD.SERVO.AUTOPILOT-JUNCTION-BOX | AIR | • | 19.7868 | 100 | .11637 | 65 | 1198 | 43244000 |
| | FIELD.SERVO.AUTOPILOT-JUNCTION-BOX | AIR | • | 12.1435 | 50 | .12691 | 65 | 1198 | 43246000 |
| | FIELD.SERVO.AUTOPILOT-JUNCTION-BOX | AIR | • | 27.1597 | 50 | .08478 | 63 | 1198 | 43248000 |
| | ECONOMIZER.DC-POWER-SUPPLY | AIR | • | 6.78992 | 200 | .33912 | 63 | 1198 | 43250000 |
| | | GRD | • | 255.844 | 7 | .009 | 62 | 1076 | 43252000 |
| | | SIM AIR | • | 18.1307 | 430 | .127 | 63 | 1108 | 43254000 |
| | | GRD | • | 7.75286 | 3 | .297 | 65 | 1189 | 43256000 |
| | AUXILIARY-VENTILATION.AIR-CONDITION. CARGO-COMPARTMENT | AIR | • | 27.1597 | 50 | .08478 | 63 | 1198 | 43258000 |
| | DISENGAGE.ASN-54 | AIR | • | 401.149 | | .00574 | 65 | 1188 | 43260000 |
| | | SUB | • | 40.3964 | | .057 | 64 | 1149 | 43262000 |
| | BLOWING.TV-CAMERA-COMPARTMENT.ANTI/ DE-ICE-SYSTEM | AIR | • | 27.1597 | 50 | .08478 | 63 | 1198 | 43264000 |
| | | GRD | • | 11.1776 | 108 | .206 | 65 | 1193 | 43266000 |
| | ENRICHMENT.FUEL-SYSTEM | AIR | • | 4.53558 | 200 | .50763 | 65 | 1198 | 43268000 |
| | ANTENNA-CALIBRATION.DOPPLER- NAVIGATION-SYSTEM | SIM GRD AIR | • | 287.825 | 139 | .006 | 63 | 1117 | 43270000 |
| | | SIM AIR | • | 23.7822 | 1029 | .09682 | 65 | 1206 | 43272000A |
| | DOOR-LATCH.MAIN-LANDING-GEAR OUTBOARD | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 43274000 |
| | DOOR | AIR | • | 15.5245 | 288 | .14832 | 65 | 1227 | 43276000 |
| | ALARM.AUDIBLE-WARNING-SYSTEM.FIRE | AIR | • | 46.5736 | 96 | .04944 | 65 | 1227 | 43278000 |
| | INTERLOCK.EXT-POWER.AC-POWER-SUPPLY | AIR | • | 18.1435 | 50 | .12691 | 65 | 1198 | 43280000 |
| | TEST.BLEED-AIR-OVERHEAT-DETECTION. WING.PYLON.A C | AIR | • | 46.5736 | 96 | .04944 | 65 | 1227 | 43282000 |
| | RADIO-COMPASS.AN/ARN-6 | AIR | • | 13.5798 | 100 | .16956 | 65 | 1198 | 43284000 |
| | SELECTOR.PICKUP.ENGINE-VIBRATION | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 43286000 |
| | OVERRIDE.SPEED-BRAKE-SYSTEM | AIR | • | 20.1505 | 473 | .11427 | 65 | 1228 | 43288000 |

PART CLASS 60: RELAYS

| PART DESCRIPTION .00 M.S.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF DATA RPT | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|
| | TEST.GENERATOR.EMERGENCY-POWER | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 43290000 |
| | NEGATOR-TORQUE-CONTROL,REDUCTION-GEAR-SYSTEM | AIR | * | 4.94472 | 480 | .46548 | 65 | 1198 43292000 |
| | NEGATOR-TORQUE-CONTROL,REDUCTION-GEAR-SYSTEM | AIR | * | 4.53598 | 200 | .00763 | 65 | 1198 43294000 |
| | SILENCE.HORN.EMERGENCY | AIR | * | 18.1433 | 50 | .12691 | 65 | 1198 43296000 |
| | WING-SPOILER-SYSTEM | AIR | * | 18.6294 | 240 | .1234 | 65 | 1227 43298000 |
| | PRESSURE-LIMITING.RUDDER-CONTROL-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 43300000 |
| | INTERLOCK.N-1.AUTOPILOT-JUNCTION-BOX | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 43302000 |
| | WINDSHIELD.ANTI-ICE/DE-ICE-SYSTEMS | AIR | * | 4.94472 | 400 | .46548 | 65 | 1198 43304000 |
| | INTERLOCK,LORAN-SYSTEM.AN/APN-151 | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 43306000 |
| | WINDSHIELD.ANTI-ICE/DE-ICE-SYSTEMS | AIR | * | 6.78992 | 200 | .33912 | 63 | 1198 43308000 |
| | SPEAKER-SELECTOR.P-A-SYSTEM. AN/AIC-13 | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 43310000 |
| | WARNING.LIGHT.OVER-PRESSURE.RUDDER-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 43312000 |
| | WARNING-LIGHT | AIR | * | 401.149 | | .00574 | 65 | 1198 43314000 |
| | WARNING.UNLOCKED.THRUST-REVERSER-SYSTEM | AIR | * | 23.2868 | 192 | .09888 | 65 | 1227 43316000 |
| | WARNING.TAKEOFF | AIR | * | 10.3498 | 432 | .22248 | 65 | 1227 43318000 |
| | SUCTION-PUMP.HYDRAULIC-POWER-SUPPLY | AIR | * | 9.09344 | 200 | .23274 | 65 | 1198 43320000 |
| | WARNING.AUDIBLE-SYSTEM.MAXIMUM-SPEED | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 43322000 |
| | WARNING,AUDIBLE-SYSTEM.FIRE | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 43324000 |
| | TEST.TIT-SYSTEM.ENGINE-INSTRUMENTATION | AIR | * | 27.1597 | 50 | .08478 | 63 | 1198 43326000 |
| | RAIN-REPELLANT-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 43328000 |
| | UP/LOCKED.LANDING-GEAR.MAIN | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 43330000 |
| | TELEVISION-VIEW-FINDER.FLIGHT-TRACK-NAVIGATION | AIR | * | 110.224 | 100 | .02089 | 63 | 1198 43332000 |
| | RELEASE.CHUTE-LIGHT.AIR-DROP-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 43334000 |
| | RELEASE.CHUTE.AIR-DROP-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 43336000 |
| | TRANSFER.T-SYSTEM.EMERGENCY | AIR | * | 109.43 | 80 | .02184 | 63 | 1132 43338000 |
| | SEARCH-RADAR.AN/APN-59 | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 43340000 |
| | P-A-SYSTEM.AN/AIC-13 | AIR | * | 3.95737 | 580 | .98185 | 65 | 1198 43342000 |
| | ISOLATION.DC-BUS-POWER.EMERGENCY | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 43344000 |
| | INTERLOCK.TIMER.AUTOPILOT-JUNCTION-BOX | AIR | * | 27.1597 | 50 | .08478 | 63 | 1198 43346000 |
| | PURGE-SYSTEM.FUEL | AIR | * | 6.78992 | 200 | .33912 | 63 | 1198 43348000 |
| | P-A-SYSTEM.AN/AIC-13 | AIR | * | 3.62877 | 250 | .63454 | 65 | 1198 43350000 |
| | HEATER.ENGINE-PRESSURE-RATIO-INSTRUMENTATION | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 43352000 |
| | TEST.BLEED-AIR-OVERHEAT-DETECTION.AUXILIARY-POWER-UNIT,CARGO | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 43354000 |
| | INTERLOCK.CAMERA-VACUUM-SYSTEM | AIR | * | 220.344 | 50 | .01045 | 63 | 1199 43356000 |

PART CLASS 601 RELAYS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| | STARTER-CONTROL.MOTOR.AIR-COOLING-SYSTEM | AIR | * | 96.4641 | 62 | .02387 | 63 | 1111 | 43350000 |
| | SELECTOR.POWER.UHF-COMM.AN/ARC-90 | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 43360000 |
| | SWITCH-OVER.AUTO.AN/ARC-34X.UHF-COMMUNICATION | AIR | * | 20.1505 | 473 | .11427 | 65 | 1228 | 43362000 |
| | INTERCOM.AN/AIC-10 | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 43364050 |
| | SHUTDOWN.EMERGENCY.ENGINE-CONTROL-SYSTEM | AIR | * | 7.76227 | 576 | .29664 | 65 | 1227 | 43364000 |
| | ISOLATION.FIRE-EXTINGUISHER-SYSTEM | AIR | * | 27.1597 | 50 | .08478 | 63 | 1198 | 43366000 |
| | SWITCH-OVER,AUTO.AN/ARC-34X.UHF-COMMUNICATION | AIR | * | 26.2673 | 406 | .08766 | 64 | 1179 | 43370000 |
| | JATO-FIRING.TAKEOFF-ASSIST-SYSTEM | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 43372000 |
| | SILENCE.HORN.EMERGENCY | AIR | * | 27.1597 | 50 | .08478 | 63 | 1198 | 43374000 |
| | HORN-SILENCER.WARNING-SYSTEM. LANDING-GEAR | AIR | * | 18.6294 | 240 | .1236 | 65 | 1227 | 43376000 |
| | INTERLOCK.VHF-RADIO-OMNIRANGE-NAVIGATION | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 43378000 |
| | RELEASE.PUMP(NO.3).ELEVATOR-CONTROL-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 43380000 |
| | HEATER.STALL-WARNING-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 43382000 |
| | TEST.BLEED-AIR-OVERHEAT-DETECTION. AUXILIARY-POWER-UNIT.CARGO | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 43384000 |
| | RELEASE.CHUTE.AIR-DROP-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 43384000A |
| | RELEASE.CHUTE-LIGHT.AIR-DROP-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 43386000 |
| | BRAKE/SHUTOFF-VALVE.WING-FLAP-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 43388000 |
| | RELEASE.PUMP(NO.3).ELEVATOR-CONTROL-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 43392000 |
| | WARNING.TAKE-OFF | AIR | * | 6.21988 | 684 | .3702 | 66 | 1250 | 43394000 |
| | WARNING.UNLOCKED.THRUST-REVERSER-SYSTEM | AIR | * | 13.9975 | 304 | .1645 | 66 | 1250 | 43396000 |
| | WARNING.LIGHT.OVER-PRESSURE. RUDDER-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 43398000A |
| | (STORAGE) | | * | 1.24491 | | 1.8496 | 66 | 2522 | 43400000A |
| | (STORAGE) | | * | .183095 | | 12.576 | 66 | 2520 | 43402000A |
| | | SUB | * | .46052 | | 5 | 61 | 2240 | 43404000 |
| | TEST.BLEED-AIR-OVERHEAT-DETECTION. WING.PYLON.AC | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 43406000 |
| | DOOR.ELECTRIC.AIR-SPOILER.PARAYROOP | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 43408000 |
| | | | * | 5.79650 | | .400000 | 65 | 2212 | 43410000 |
| | | GRD | * | .216004 | | 10.656 | 62 | 2340 | 43412000 |
| | WING-SPOILER-SYSTEM | AIR | * | 11.1964 | 380 | .20562 | 66 | 1250 | 43414000 |
| | (STORAGE) | | * | .754852 | | 3.0504 | 66 | 2510 | 43416000A |
| | DOOR-LATCH.MAIN-LANDING-GEAR. OUTBOARD | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 43418000 |
| | (STORAGE) | | * | .961094 | | 37.608 | 66 | 2515 | 43420000A |

PART CLASS 601 RELAYS

| PART DESCRIPTION .60 N.E.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF DATA | SOURCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| | WARNING.AUDIBLE-SYSTEM.MAXIMUM-SPEED | AIR | * | 55.9831 | 76 | .04113 | 66 | 1290 | 43422000 |
| | MAIN-REPELLANT-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1290 | 43424000 |
| | SEARCH-RADAR.AN/APN-59 | AIR | * | 55.9834 | 76 | .04113 | 66 | 1290 | 43426000 |
| | TEST.GENERATOR.EMERGENCY-POWER | AIR | * | 55.9834 | 76 | .04113 | 66 | 1290 | 43428000 |
| | (STORAGE) | | * | .180629 | | 12.287 | 66 | 2522 | 43430000A |
| | HORN.SILENCER.WARNING-SYSTEM. LANDING-GEAR | GRD | * | 19.9975 | 384 | .1649 | 63 | 1290 | 43432000 |
| | INTERLOCK.LORAN-SYSTEM.AN/APN-151 | AIR | * | 55.9834 | 76 | .04113 | 66 | 1290 | 43434000 |
| | INTERLOCK.VHF-RADIO-OMNIRANGE-NAVIGATION | AIR | * | 27.9917 | 152 | .08226 | 66 | 1290 | 43436000 |
| | | GRD | * | 22.5237 | | .10223 | 65 | 2490 | 43438000 |
| | | MSL | * | 3.69189 | | .62369 | 65 | 2490 | 43440000 |
| | | AIR | .02P | | | | 65 | 2990 | 43442000 |
| | (STORAGE) | AIR | .02P | | | | 65 | 2990 | 43444000 |
| | | | .023438 | .092194 | | 128 | 66 | 2525 | 43446000A |
| | | AIR | .03P | | | | 65 | 2590 | 43448000 |
| | | GRD | .035303 | .057344 | | 220.61 | 63 | 2240 | 43450000 |
| | (STORAGE) | GRD | .05 | | | | 61 | 2240 | 43452000 |
| | | | .053381 | .075774 | | 281 | 66 | 2523 | 43454000A |
| | | GRD | .06 | | | | 62 | 2240 | 43456000 |
| | (STORAGE) | AIR | .06P | | | | 65 | 2590 | 43458000 |
| | (STORAGE) | | .100181 | .389675 | | 9.9819 | 66 | 2521 | 43460000A |
| | | | .111413 | .433364 | | 8.9756 | 66 | 2521 | 43462000A |
| | FSA-14-COMMUNICATION-CONSOLE | LAB | .1212126 | .3225646 | 185 | 16.5C | 65 | 1290 | 43464000A |
| | | GRD | .139983 | .16714 | 22860 | 490.05 | 63 | 2184 | 43466000 |
| | | GRD | .141 | | | | 63 | 2967 | 43468000 |
| | | GRD | .142002 | .204159 | | 98.59 | 63 | 2967 | 43470000 |
| | | AIR | .15P | | | | 65 | 2590 | 43472000 |
| | | AIR | .16P | | | | 65 | 2590 | 43474000 |
| | | AIR | .16P | | | | 65 | 2590 | 43476000 |
| | | AIR | .21P | | | | 65 | 2590 | 43478000 |
| | | AIR | .21P | | | | 65 | 2590 | 43480000 |
| | | AIR | .24P | | | | 65 | 2590 | 43482000 |
| | COMPUTER | GRD | .24 | | | | U | 2001 | 43484000 |
| | (CONTACT-SET) | GEN | .25 | | | | U | 2001 | 43486000 |
| | | LAB | .25 | | | | 62 | 2990 | 43488000 |
| | | GRD | .25 | | | | 61 | 2L2 | 43490000 |
| | | AIR | .26P | | | | 65 | 2590 | 43492000 |
| | DIGITAL | GRD | .26 | | | 23.744 | 59 | 2001 | 43494000 |
| | | GEN | .28 | | | | U | 2001 | 43496000 |
| | | AIR | .3P | | | | 65 | 2590 | 43498000 |
| | MAIN-BUS-OFF-IND | AIR | .31P | | | | 65 | 2590 | 43500000 |
| | | AIR | .36P | | | | 55 | 2590 | 43502000 |
| | | GRD | .37 | | | | 57 | 2240 | 43504000 |

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y. NONELECTRONIC PART FAILURE RATE DATA JANUARY 1968
SECTION I FAILURE RATE DATA

PART CLASS 601 RELAYS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| | | LAB | .4 | | | | 62 | 2M19 | 43504000 |
| | | LAB | .462535 | 1.79912 | 320 | 2.167 | 63 | 1119 | 43508000 |
| | | AIR | .48P | | | | 65 | 2590 | 43513000 |
| | COMPUTER | GRD | .5 | | | 42.8 | 56 | 2001 | 43512000 |
| | | GRD | .540748 | .737933 | | 42.8 | 57 | 2L2 | 43514000 |
| | COMPUTER.AN/ASN-35 | AIR | .661026 | 2.57119 | 1300 | 1.5128 | 65 | 1198 | 43516000 |
| | COMPUTER | GRD | .68 | | | 32.872 | 54 | 2001 | 43518000 |
| | | LAB | .684603 | 1.82183 | 320 | 2.9214 | 64 | 1137 | 43520000 |
| | | GRD | .704573 | 1.56903 | | 4.2379 | 66 | 2F | 43522000 |
| | | GRD | .75 | | | | 63 | 2M47 | 43524000 |
| | | GRD | .84 | | | | 62 | 1065 | 43526000 |
| | DE-ICING.PROPELLOR-ASSEMBLY | AIR | .859328 | 2.2868 | 2000 | 2.3274 | 65 | 1198 | 43528000 |
| | RADIO | GRD | .9 | | | 1.060 | 57 | 2001 | 43530000 |
| | RADIO | GRD | .9 | | | 1.560 | 57 | 2001 | 43532000 |
| | | AIR | .92P | | | | 65 | 2590 | 43534000 |
| | | GRD | .930027 | 1.07875 | | 94.88 | 63 | 2M47 | 43536000 |
| | | GRD | .94 | | | | 63 | 2M47 | 43538000 |
| | | GRD | .943896 | 3.66952 | | 1.06 | 58 | 2L2 | 43540000 |
| | FPS-19-RADAR | GRD | .952567 | 1.26176 | 8758 | 153.27 | 63 | 1164 | 43542000 |
| | | GRD | 1 | | | | 62 | 3240 | 43544000 |
| | | GRD | 1.01 | | | | 57 | 2M3 | 43546000 |
| | | AIR | 1.05P | | | | 65 | 2590 | 43548000 |
| | | GRD | 1.09589 | 1.34362 | 5942 | 38.395 | 65 | 1205 | 43550000 |
| | | AIR | 1.12P | | | | 65 | 2590 | 43552000 |
| | | GRD | 1.13 | | | | 63 | 2M47 | 43554000 |
| | | GRD | 1.13801 | 1.32439 | | 62.72 | 63 | 2M47 | 43556000 |
| | FRC-45-TRANSMITTER | GRD | 1.13278 | 1.28052 | 5801 | 101.52 | 63 | 1164 | 43558000 |
| | | GRD | 1.2765 | | | | 63 | 2M47 | 43560000 |
| | AUXILIARY-HYDRAULIC.PUMP | AIR | 1.23P | | | | 65 | 2590 | 43562000 |
| | | GRD | 1.39542 | 5.42776 | | .71663 | 66 | 2F | 43564000 |
| | | LAB | 1.41143 | 3.75603 | | 1.417 | 66 | 1238 | 43566000 |
| | | AIR | 1.45 | | | | 57 | 2M3 | 43568000 |
| | | AIR | 1.54P | | | | 65 | 2590 | 43570000 |
| | .(C-AND-D) | LAB | 1.56298 | 6.07935 | 108 | .6398 | 65 | 1249 | 43572000 |
| | | GRD | 1.68195 | 5.70106 | 1989 | 1.0051 | 64 | 1174 | 43574000 |
| | NEGATOR-TORQUE-CONTROL.REDUCTION-GEAR | AIR | 1.66944 | 6.49365 | 400 | .599 | 63 | 1114 | 43576000 |
| | | LAB | 1.78345 | 6.93709 | 108 | .56071 | 65 | 1249 | 43578000 |
| | IGNITION/ELECTRICAL-SYSTEMS | AIR | 1.79079 | 6.96567 | 708 | .55841 | 65 | 1201 | 43580000 |
| | DE-ICING.PROPELLOR-ASSEMBLY | AIR | 1.9599 | 3.85404 | 1000 | 2.5382 | 65 | 1198 | 43582000 |
| | | GRD | 2.0202 | 2.46365 | 19750 | 22.275 | 64 | 1174 | 43584000 |
| | | GRD | 2.03492 | 2.27924 | | 65.85 | 63 | 2M47 | 43586000 |
| | FPS-23-AIRCRAFT-ALARM | GRD | 2.03713 | 2.20155 | 7910 | 130.93 | 63 | 1164 | 43588000 |
| | | GRD | 2.04 | | | | 63 | 2M47 | 43590000 |
| | RADAR | AIR | 2.1 | | | | U | 2001 | 43592000 |

PART CLASS 601 RELAYS

| PART DESCRIPTION .00 N.E.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | TR NPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| | WING-FLAP-SYSTEM.FLIGHT-CONTROL | SHP | 2.16 | | | | | | |
| | RADIO | AIR | 2.1878 | 8.50983 | 1892 | .45709 | 61 | 2L2 | 43594000 |
| | | SHP | 3.2 | | | | 65 | 1224 | 43596000 |
| | | GRD | 2.2 | | | | U | 2001 | 43598000 |
| | COMPUTER | GEN | 2.32 | | | | 64 | 2P20 | 43600001 |
| | | GRD | 2.4 | | | | 61 | 2M1 | 43602000 |
| | | GRD | 2.44328 | 4.16651 | 2697 | 2.065 | U | 2001 | 43604000 |
| | RADAR | GEN | 2.5 | | | | 65 | 1193 | 43606000 |
| | TRANSMITTER | GRD | 2.5 | | | 4.176 | U | 2001 | 43608000 |
| | | SHP | 2.5 | | | | 51 | 2001 | 43610000 |
| | RADAR | GRD | 2.63157 | 3.9708 | | 4.18 | U | 2001 | 43612000 |
| | WINDSHIELD.ANTI-ICE/DE-ICE-SYSTEMS | GRD | 2.8 | | | 4.180 | 58 | 2L2 | 43614000 |
| | DE-ICING.HYDROMATIC-PROPELLER | AIR | 2.83286 | 11.0189 | 408 | .3333 | 57 | 2001 | 43616000 |
| | GLIDE-SLOPE.AN/ARN-67 | AIR | 2.83446 | 5.25776 | 2640 | 1.764 | 63 | 1114 | 43618000 |
| | | AIR | 2.86442 | 11.1417 | 300 | .34911 | 63 | 1114 | 43620000 |
| | NEGATOR-TORQUE-CONTROL.REDUCTION-GEAR-SYSTEM | GRD | 2.87496 | 4.42936 | | 3.4781 | 65 | 1198 | 43622000 |
| | | AIR | 2.96685 | 7.84733 | 400 | .67823 | 66 | 2F | 43624000 |
| | | AIR | 3 | | | | 63 | 1198 | 43626000 |
| | .(CI-AND-DI) | LAB | 3 | | | | 62 | 2240 | 43628000 |
| | | LAB | 3.08261 | 11.9904 | 54 | .3244 | 62 | 2240 | 43630000A |
| | | AIR | 3.3 | | | | 65 | 1249 | 43632000A |
| | DETECTION.ANTI-ICING/DE-ICING-SYSTEMS | AIR | 3.35P | | | | 62 | 2240 | 43634000 |
| | | AIR | 3.43725 | 9.14704 | 500 | .28186 | 65 | 2590 | 43636000 |
| | INFRARED-SEARCH-AND-TRACK | | | | | | 65 | 1198 | 43638000 |
| | | AIR | 3.5 | | 45 | | | | |
| | IGNITION/ELECTRICAL-SYSTEMS | GEN | 3.5 | | | | 66 | 2096 | 43640000 |
| | IGNITION.TURBO-ENGINE | AIR | 3.50965 | 5.90168 | 1716 | 1.9945 | U | 2001 | 43642000 |
| | | AIR | 3.52858 | 9.39008 | 500 | .5668 | 65 | 1201 | 43644000 |
| | | SHP | 3.73329 | 14.5213 | 783 | .26786 | 66 | 1277 | 43646000 |
| | HF-COMMUNICATION-SYSTEM | AIR | 3.84615 | 14.9603 | 39 | .26 | 61 | 1131 | 43648000 |
| | WINDSHIELD.ANTI-ICE/DE-ICE-SYSTEMS | AIR | 3.93174 | 15.2933 | 150 | .23434 | 62 | 1099 | 43650000 |
| | FEATHER.PROPELLOR-ASSEMBLY | AIR | 3.93987 | 10.4846 | 200 | .50763 | 63 | 1198 | 43652000 |
| | FIRE-CONTROL.(CONTINUOUSLY-ON) | AIR | 3.93987 | 10.4846 | 200 | .50763 | 65 | 1198 | 43654000 |
| | RADIO.(CONTINUOUSLY-ON) | SHP | 4 | | | | 63 | 1198 | 43656000 |
| | RADAR | SHP | 4.2 | | | | U | 2001 | 43658000 |
| | TOUCHDOWN.LANDING-GEAR.MAIN | GRD | 4.2 | | | 4.390 | U | 2001 | 43660000 |
| | ENRICHMENT.FUEL-SYSTEM | AIR | 4.29664 | 16.7126 | 200 | .23274 | U | 2001 | 43662000 |
| | RADIO | AIR | 4.29664 | 11.434 | 400 | .46548 | 65 | 1198 | 43664000 |
| | | GRD | 4.3 | | | 4.390 | 65 | 1198 | 43666000 |
| | HF-COMMUNICATION-SYSTEM | GRD | 4.32801 | 5.90035 | | 4.39 | U | 2001 | 43668000 |
| | RADAR | AIR | 4.44444 | 17.2875 | 150 | .225 | 61 | 212 | 43670000 |
| | FIRE-CONTROL.(CYCLED) | SHP | 4.5 | | | | 63 | 1114 | 43672000 |
| | ANTI-ICING/DE-ICING-SYSTEMS | SHP | 4.5 | | | | U | 2001 | 43674000 |
| | | AIR | 4.53514 | 12.0687 | 510 | .441 | U | 2001 | 43676000 |
| | | | | | | | 63 | 1114 | 43678000 |

PART CLASS 001 RELAYS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| | | LAB | 4.68318 | 9.35881 | 162 | .85412 | 65 | 1209 | 43680000 |
| | | GRD | 4.79233 | 10.6722 | | .62600 | 62 | 2240 | 43682000 |
| | RALAR | AIR | 4.8 | | | 2.120 | U | 2001 | 43684000 |
| | RADAR | SHP | 4.9 | | | | U | 2001 | 43686000 |
| | BOMBING/NAVIGATION-EQUIPMENT | AIR | 5 | | | 2.21 | 61 | 2001 | 43688000 |
| | | AIR | 5 | 6.26736 | | 7 | 58 | 2M41 | 43690000 |
| | | QUAL TEST | 5 | 6.26736 | | 7 | 57 | 2L2 | 43692000 |
| | 28CPS-28VDC< | LIFE LAB | 5.10283C | 6.00591C | 99 | 12.934C | 61 | 2480 | 43694000 |
| | | GEN | 5.2 | | | | U | 2001 | 43696000 |
| | GENERAL | GRD | 5.2 | | | | U | 2001 | 43698000 |
| | HF-COMMUNICATION-SYSTEM | AIR | 5.2532 | 13.9795 | 150 | .38072 | 65 | 1198 | 43700000 |
| | NAVIGATION-AID | GRD | 5.3 | | | .690 | 57 | 2001 | 43702000 |
| | RADAR | GRD | 5.5 | | | .691 | 57 | 2001 | 43704000 |
| | FEATHER.HYDROMATIC-PROPELLOR | AIR | 5.66572 | 15.0773 | 408 | .353 | 63 | 1114 | 43706000 |
| | HF-COMMUNICATION-SYSTEM | AIR | 5.72885 | 15.2453 | 300 | .34911 | 65 | 1198 | 43708000 |
| | | GRD | 5.78871 | 11.568 | | .691 | 58 | 2L2 | 43710000 |
| | GENERAL | GRD | 5.8 | | | | U | 2001 | 43712000 |
| | | SIM SUB | 5.83333 | 9.80908 | | 1.2 | 63 | 1107 | 43714000A |
| | IGNITION/ELECTRICAL-SYSTEMS | AIR | 5.841 | 13.0075 | 528 | .51361 | 65 | 1201 | 43716000 |
| | STARTER-VALVE.REDUCTION-GEAR-SYSTEM | AIR | 5.89761 | 15.6944 | 200 | .33912 | 63 | 1198 | 43718000 |
| | RADIO-COMPASS.AN/ARN-6 | AIR | 5.89761 | 22.9399 | 100 | .16956 | 63 | 1198 | 43720000 |
| | DE-ICING.PROPELLOR-ASSEMBLY | AIR | 5.89796 | 10.3529 | 600 | 1.0173 | 63 | 1198 | 43722000 |
| | RADAR.(CONTINUOSLY-ON) | SHP | 6 | | | | U | 2001 | 43724000 |
| | ANTI-ICING.NACELLE.PNEUMATIC-SYSTEM | AIR | 6.07902 | 23.6455 | 304 | .1645 | 66 | 1250 | 43726000 |
| | | SHP | 6.16332 | 12.3167 | 308 | .649 | 65 | 1248 | 43728000A |
| | RADAR | SHP | 6.2 | | | 5.720 | 58 | 2001 | 43730000 |
| | RADIO.(CYCLED) | SHP | 6.2 | | | | U | 2001 | 43732000 |
| | GROUND-STOP.AC-POWER-SUPPLY | AIR | 6.44496 | 14.3524 | 400 | .46548 | 65 | 1198 | 43734000 |
| | | AIR | 6.5 | | | | 62 | 2240 | 43736000 |
| | RADIO | GRD | 6.5 | | | 13 | 58 | 2001 | 43738000 |
| | BOMBING/NAVIGATION-EQUIPMENT | AIR | 6.5 | | | .45 | U | 2001 | 43740000 |
| | RADAR.(CYCLED) | SHP | 6.6 | | | | U | 2001 | 43742000 |
| | DE-ICING.HYDROMATIC-PROPELLOR | AIR | 6.67408 | 11.7153 | 600 | .899 | 53 | 1114 | 43744000 |
| | STARTER-VALVE.REDUCTION-GEAR-SYSTEM | AIR | 6.68896 | 17.8003 | 200 | .299 | 63 | 1114 | 43746000 |
| | | GRD | 6.6923 | 7.70892 | | 13 | 58 | 2L2 | 43748000 |
| | | | 6.7 | | | | 64 | 2M28 | 43750000 |
| | RADIO-COMPASS.AN/ARN-6 | AIR | 6.7114 | 26.1053 | 100 | .149 | 63 | 1114 | 43752000 |
| | | AIR | 6.80272 | 26.4605 | 15 | .147 | 62 | 1095 | 43754000 |
| | WING-FLAP-SYSTEM.FLIGHT-CONTROL | AIR | 7.24113 | 10.2787 | 2388 | 4.0785 | 67 | 1272 | 43756000 |
| | AUTOMATIC-FLIGHT-CONTROL | AIR | 7.5 | | | 2.39 | 56 | 2001 | 43758000 |
| | | AIR GND | 7.53138 | 10.3582 | | 2.39 | 57 | 2L2 | 43760000 |
| | HF-COMMUNICATION-SYSTEM | AIR | 7.54717 | 20.0841 | 306 | .265 | 63 | 1114 | 43762000 |
| | | AIR | 7.63358 | 29.6923 | | .131 | 61 | 1966 | 43764000 |
| | AUXILIARY-VENTILATION.AIR-CONDITION. CARGO-COMPARTMENT | AIR | 7.8796 | 30.6492 | 50 | .12691 | 65 | 1198 | 43766000 |

PART CLASS GCI RELAYS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| | PHASE-SEQUENCE.AC-POWER-SUPPLY | AIR | 7.8796 | 30.6492 | 50 | .12691 | 65 | 1198 | 43768000 |
| | INTERCOM.AN/AIC-10 | AIR | 7.8796 | 30.6492 | 30 | .12691 | 65 | 1198 | 43770000 |
| | DETECTION.ANTI-ICING/DE-ICING-SYSTEMS | AIR | 7.87972 | 14.6164 | 250 | .63454 | 65 | 1198 | 43772000 |
| | RADIO | SHP | 7.9 | | | | U | 2001 | 43774000 |
| | PITCH-TRIM-ACTUATOR | AIR | 8.09061 | 31.47 | 240 | .1479 | 65 | 1227 | 43776000 |
| | DOOR | AIR | 8.10372 | 21.5652 | 456 | .2468 | 66 | 1250 | 43778000 |
| | RADAR | AIR | 8.2 | | | 12.400 | 57 | 2001 | 43780000 |
| | BOMBING/NAVIGATION-EQUIPMENT | AIR | 8.5 | | | | 54 | 2001 | 43782000 |
| | AILERON-TRIM-TAB-SYSTEM | AIR | 8.59328 | 33.4252 | 100 | .11637 | 65 | 1198 | 43784000 |
| | BATTERY.DC-POWER-SUPPLY | AIR | 8.59328 | 33.4252 | 100 | .11637 | 65 | 1198 | 43786000 |
| | INTERLOCK.TIMER.AUTOPILOT-JUNCTION-BOX | AIR | 8.59328 | 33.4252 | 50 | .11637 | 65 | 1198 | 43788000 |
| | FEATHER.PROPELLOR-ASSEMBLY | AIR | 8.59328 | 17.1727 | 400 | .46548 | 65 | 1198 | 43790000 |
| | GROUNDING.RF-COMMUNICATION-SYSTEM | AIR | 8.59328 | 33.4252 | 100 | .11637 | 65 | 1198 | 43792000 |
| | BOMBING/NAVIGATION-EQUIPMENT | AIR | 8.658 | 14.0635 | | .924 | 62 | 2240 | 43794000 |
| | TACAN-SYSTEM.AN/ARN-21 | AIR | 8.7 | | | 7.07 | 57 | 2001 | 43796000 |
| | | AIR | 8.726 | 16.1862 | 2516 | .573 | 63 | 1114 | 43798000 |
| | BOMBING/NAVIGATION-EQUIPMENT | AIR GND | 8.79032 | 9.97072 | | 12.4 | 58 | 2L2 | 43800000 |
| | | AIR | 9 | | | | U | 2001 | 43802000 |
| | FIRE-CONTROL | AIR GND | 9.19377 | 10.8547 | | 7.07 | 58 | 2L2 | 43804000 |
| | | AIR | 9.5 | | | | U | 2001 | 43806000 |
| | GENERAL | SHP | 9.8 | | | | 62 | 2240 | 43808000 |
| | RADIO | AIR | 10 | | | | U | 2001 | 43810000 |
| | | GRD | 10 | | | | 57 | 2001 | 43812000 |
| | | MSL | 10 | | | | 58 | 2L2 | 43814000 |
| | | GRD | 10 | | | | 58 | 2L2 | 43816000 |
| | NAVIGATION-SUBSYSTEM | AIR | 10.1876 | 11.2221 | 770 | 17.963 | 62 | 2322 | 43818000 |
| | INDICATOR.BUS-OFF.AC-POWER-DISTRIBUTION | AIR | 10.4202 | 23.2052 | 532 | .2879 | 66 | 1250 | 43820000 |
| | INTERPHONE-SUBSYSTEM-RADIO-SET-AN/ARC-57 | AIR | 10.5948 | 15.2329 | 21 | 1.3214 | 62 | 2321 | 43822000 |
| | | AIR | 10.7526 | 26.6145 | 19 | .186 | 62 | 1093 | 43824000 |
| | | AIR | 11.1451 | 13.4241 | 82 | 4.576 | 62 | 1099 | 43826000 |
| | BATTERY.DC-POWER-SUPPLY | AIR | 11.3636 | 44.2011 | 102 | .088 | 63 | 1114 | 43828000 |
| | INTERLOCK.AUTOPILOT-JUNCTION-BOX | AIR | 11.3636 | 44.2011 | 102 | .088 | 63 | 1114 | 43830000 |
| | TOUCHDOWN.LANDING-GEAR.MAIN | AIR | 11.3636 | 44.2011 | 102 | .088 | 63 | 1114 | 43832000 |
| | WING-FLAP-SYSTEM.FLIGHT-CONTROL | AIR | 11.4077 | 22.797 | 1624 | .35034 | 64 | 1179 | 43834000 |
| | FUEL-QUANTITY.ENGINE-INSTRUMENTATION | AIR | 11.4577 | 22.8969 | 300 | .34911 | 65 | 1198 | 43836000 |
| | INDICATOR.BUS-OFF.AC-POWER-DISTRIBUTION | AIR | 11.558 | 30.7576 | 336 | .31704 | 65 | 1227 | 43838000 |
| | INTERCOM.AN/AIC-10 | AIR | 11.7952 | 45.8799 | 50 | .08478 | 63 | 1198 | 43840000 |
| | GYRO-SYSTEM.PILOTS-ATTITUDE.FLIGHT-INSTRUMENTATION | AIR | 11.7952 | 31.3888 | 100 | .16956 | 63 | 1198 | 43842000 |
| | HEATER.BLANKET.LANDING-GEAR.MAIN | AIR | 11.7952 | 23.5714 | 200 | .33912 | 63 | 1198 | 43844000 |

PART CLASS CCT RELAYS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .CO N.O.C. | | | | | | | | | |
| | DISTRIBUTION-BUS.DC-POWER-SUPPLY | AIR | 11.7954 | 20.7051 | 300 | .50867 | 63 | 1198 | 43846000 |
| | (CONTACT-SET) | GEN | 12 | | | | U | 2001 | 43848000 |
| | TRANSMITTER | SHP | 12 | | | | U | 2001 | 43850000 |
| | WARNING.AUDIBLE-SYSTEM..IRE | AIR | 12.1565 | 47.2854 | 152 | .08226 | 66 | 1250 | 43852000 |
| | SELECTOR.POWER.UHF-COMMUNICATION. AN/ARC-90 | AIR | 12.1565 | 47.2854 | 152 | .08226 | 66 | 1250 | 43854000 |
| | | GRD | 12.21 | 47.4932 | | .08190 | 66 | 25 | 43856000 |
| | | AIR | 12.5628 | 22.3032 | | .398 | 61 | 1066 | 43858000 |
| | AC-POWER-SUPPLY | AIR | 12.6031 | 26.7966 | 1500 | 1.7456 | 65 | 1198 | 43860000 |
| | ANTI-ICING/DE-ICING-SYSTEMS | AIR | 12.987 | 50.5155 | 340 | .077 | 63 | 1114 | 43862000 |
| | | SHP | 13 | | | | 60 | 2240 | 43864000 |
| | RADAR | GRD | 13 | | | | U | 2001 | 43866000 |
| | TRANSMITTER | SHP | 13 | | | | U | 2001 | 43868000 |
| | INVERTER-FAILURE.AC-POWER-SUPPLY | AIR | 13.133 | 24.3609 | 150 | .36072 | 65 | 1198 | 43870000 |
| | | AIR | 13.1578 | 51.1802 | 3 | .076 | 62 | 1099 | 43872000 |
| | DISTRIBUTION-BUS.DC-POWER-SUPPLY | AIR | 13.3333 | 23.4046 | 300 | .45 | 63 | 1114 | 43874000 |
| | HEATER.BLANKET.LANDING-GEAR.MAIN | AIR | 13.3779 | 26.7342 | 200 | .299 | 63 | 1114 | 43876000 |
| | GYRO-SYSTEM.PILOTS-ATTITUDE.FLIGHT-INSTRUMENTATION | AIR | 13.4228 | 35.7201 | 100 | .149 | 63 | 1114 | 43878000 |
| | | AIR | 13.6 | | | | 61 | 2L2 | 43880000 |
| | SILENCER.AUDIO-SYSTEM | AIR | 13.6054 | 52.921 | 100 | .0735 | 65 | 1198 | 43882000 |
| | | AIR | 14.4927 | 38.5673 | 24 | .138 | 62 | 1099 | 43884000 |
| | ENRICHMENT.FUEL-SYSTEM | AIR | 14.744 | 27.3493 | 200 | .33912 | 63 | 1198 | 43886000 |
| | | GRD | 15 | | | | 62 | 2240 | 43888000 |
| | RADIO | SHP | 15 | | | | U | 2001 | 43890000 |
| | | AIR | 15.0375 | 40.0172 | 62 | .133 | 62 | 1099 | 43892000 |
| | INVERTER-FAILURE.AC-POWER-SUPPLY | AIR | 15.0943 | 30.1643 | 306 | .265 | 63 | 1114 | 43894000 |
| | INTERLOCK.TIMER.AUTOPILOT-JUNCTION-BOX | AIR | 15.7591 | 41.9375 | 150 | .12691 | 65 | 1198 | 43896000 |
| | BATTERY.DC-POWER-SUPPLY | AIR | 15.7591 | 41.9375 | 50 | .12691 | 65 | 1198 | 43898000 |
| | IGNITION/ELECTRICAL-SYSTEMS | AIR | 15.8252 | 37.7789 | 400 | .37914 | 65 | 1201 | 43900000 |
| | IGNITION/ELECTRICAL-SYSTEMS | AIR | 16.129 | 62.737 | 272 | .062 | 63 | 1114 | 43902000 |
| | STARTER.SWITCH.(M=MILES) | GRD | 16.2074M | 83.0421M | 15 | .0617M | 66 | 1255 | 43904000 |
| | IGNITION/ELECTRICAL-SYSTEMS | AIR | 16.3835 | 28.7585 | 244 | .36622 | 65 | 1201 | 43906000 |
| | ELEVATOR.TRIM-TAB-ASSEMBLY | AIR | 16.5133 | 27.7681 | 250 | .4239 | 63 | 1198 | 43908000 |
| | ENRICHMENT.FUEL-SYSTEM | AIR | 16.7224 | 31.[illegible]19 | 200 | .299 | 63 | 1114 | 43910000 |
| | | AIR | 16.8539 | 37.5625 | 7 | .178 | 62 | 1099 | 43912000 |
| | IGNITION/ELECTRICAL-SYSTEMS | AIR | 16.9971 | 29.8359 | 408 | .353 | 63 | 1114 | 43914000 |
| | PHASE-SEQUENCE.AC-POWER-SUPPLY | AIR | 17.1865 | 45.736 | 100 | .11837 | 65 | 1198 | 43916000 |
| | INTERLOCK.EXT-POWER.AC-POWER-SUPPLY | AIR | 17.1865 | 45.736 | 100 | .11837 | 65 | 1198 | 43918000 |
| | SILENCE.HORN.EMERGENCY | AIR | 17.1865 | 45.736 | 100 | .11837 | 65 | 1198 | 43920000 |
| | CHANGEOVER.ANTENNA.UHF-O-F-SYSTEM. AN/ARA-25 | AIR | 17.1865 | 45.736 | 100 | .11837 | 65 | 1198 | 43922000 |
| | | AIR | 17.6056 | 32.6373 | | .284 | 61 | 1066 | 43924000 |
| | BOMBING/NAVIGATION-EQUIPMENT | AIR | 18 | | | .054 | 57 | 2001 | 43926000 |

PART CLASS 601 RELAYS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| | RADAR | AIR | 19 | | | | U | 2001 | 4392800 |
| | | QUAL TEST | 18.5185 | 72.0314 | | .054 | 58 | 2L2 | 43930000 |
| | ELEVATOR.TRIM-TAB-ASSEMBLY | AIR | 18.6666 | 31.389 | 250 | .375 | 63 | 1114 | 43932000 |
| | | LAB | 18.6706 | 72.6232 | 48 | .03356 | 64 | 1137 | 43934000 |
| | DETECTION.ANTI-ICING/DE-ICING-SYSTEMS | AIR | 18.8723 | 50.6951 | 250 | .4259 | 63 | 1198 | 43936000 |
| | | SIM AIR | 19.2307 | 33.7567 | 1432 | .312 | 63 | 1109 | 43938000 |
| | IGNITION/ELECTRICAL-SYSTEMS | AIR | 19.3348 | 30.519 | 400 | .46548 | 65 | 1198 | 43940000 |
| | | AIR | 20 | | | | 62 | 2240 | 43942000 |
| | | GRD | 20 | | | | 60 | 2240 | 43944000 |
| | RADAR | SHP | 20 | | | | U | 2001 | 43946000 |
| | INVERTER-FAILURE.AC-POWER-SUPPLY | AIR | 20.0509 | 33.7168 | 300 | .34911 | 65 | 1198 | 43948000 |
| | | AIR | 20.1005 | 40.1689 | | .199 | 57 | 2L2 | 43950000 |
| | WARNING.AUDIBLE-SYSTEM.OXYGEN-QUANTITY | AIR | 20.2265 | 78.6751 | 96 | .04944 | 65 | 1227 | 43952000 |
| | TACAN-SYSTEM.AN/ARN-21 | AIR | 20.262 | 27.8674 | 350 | .88836 | 65 | 1198 | 43954000 |
| | | AIR | 20.8333 | 46.3944 | 25 | .144 | 62 | 1093 | 43956000 |
| | FIRE-CONTROL | AIR | 21 | | | .199 | 57 | 2001 | 43958000 |
| | ANTI-ICING/DE-ICING-SYSTEMS | AIR | 21.3333 | 34.6525 | 250 | .375 | 63 | 1114 | 43960000 |
| | HF-COMMUNICATION-SYSTEM | AIR | 21.7391 | 84.5586 | 204 | .046 | 63 | 1114 | 43962000 |
| | REVERSE-CURRENT-CUTOFF | AIR | 21.7391 | 48.4115 | | .138 | 58 | 1070 | 43964000 |
| | RADAR | GRD | 22 | | | .737 | U | 2001 | 43966000 |
| | AUTOMATIC-FLIGHT-CONTROL | AIR | 22 | | | .177 | 57 | 2001 | 43968000 |
| | | AIR | 22.4719 | 44.9075 | 24 | .178 | 62 | 1099 | 43970000 |
| | | GEN | 22.5988 | 45.1614 | | .177 | 57 | 2L2 | 43972000 |
| | OVERRIDE.SPEED-BRAKE-SYSTEM | AIR | 22.8154 | 60.7152 | 406 | .08766 | 64 | 1179 | 43974000 |
| | TRANSFER.DOX.NAVIGATION.INSTRUMENTATION | AIR | 22.8154 | 60.7152 | 406 | .08766 | 64 | 1179 | 43976000 |
| | TOUCHDOWN.LANDING-GEAR.MAIN | AIR | 23.116 | 46.1948 | 336 | .17304 | 65 | 1227 | 43978000 |
| | INTERLOCK.EXT-POWER.AC-POWER-SUPPLY | AIR | 23.5904 | 62.7777 | 50 | .08478 | 63 | 1198 | 43980000 |
| | TOUCHDOWN.LANDING-GEAR.MAIN | AIR | 23.5904 | 62.7777 | 50 | .08478 | 63 | 1198 | 43982000 |
| | TOUCHDOWN.LANDING-GEAR.MAIN | AIR | 23.6387 | 52.642 | 50 | .12691 | 65 | 1198 | 43984000 |
| | ELECTRICAL-POWER.707-7318 | AIR | 23.6387 | 52.642 | 50 | .12691 | 65 | 1198 | 43986000 |
| | GAS-TURBINE-COMPRESSOR.AUXILIARY-POWER-PLANT | AIR | 23.6406 | 37.3154 | 150 | .3807 | 65 | 1198 | 43988000 |
| | MONITOR-BUS | AIR | 23.8095 | 63.3607 | | .084 | 59 | 1070 | 43990000 |
| | TRANSMITTER | SHP | 24 | | | | U | 2001 | 43992000 |
| | TACAN-SYSTEM.AN/ARN-21 | AIR | 24.2718 | 84.4337 | 714 | .616 | 63 | 1114 | 43994000 |
| | ISOLATION.DC-BUS-POWER.EMERGENCY | AIR | 24.3131 | 94.4708 | 76 | .04113 | 66 | 1250 | 43996000A |
| | SELECTOR.PICKUP.ENGINE-VIBRATION | AIR | 24.3131 | 94.4708 | 76 | .04113 | 66 | 1250 | 43998000A |
| | UP/LOCKED.LANDING-GEAR.MAIN | AIR | 24.3131 | 94.4708 | 76 | .04113 | 66 | 1250 | 44000000 |
| | BOMBING/NAVIGATION-EQUIPMENT | AIR | 25 | | | | 54 | 2001 | 44002000 |
| | | SHP | 25.4237 | 56.8169 | 54 | .118 | 63 | 1248 | 44004000A |
| | | AIR | 25.641 | 57.1008 | 64 | .117 | 62 | 1093 | 44006000 |
| | GAS-TURBINE-COMPRESSOR.AUXILIARY-POWER-PLANT | AIR | 25.7798 | 45.2526 | 200 | .23274 | 65 | 1198 | 44500000 |

PART CLASS .60 RELAYS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .60 N.O.C. | | | | | | | | | |
| | | AIR | 26.1969 | 32.387 | 83 | 1.491 | 62 | 1099 | 44010000 |
| | STABILIZATION-SUBSYSTEM | AIR | 26.2172 | 31.3036 | 104 | 2.1360 | 62 | 2322 | 44012000 |
| | INTERLOCK,EXT-POWER,AC-POWER-SUPPLY | AIR | 26.6666 | 70.964 | 50 | .075 | 63 | 1114 | 44014000 |
| | TOUCHDOWN,LANDING-GEAR,MAIN | AIR | 26.6666 | 70.964 | 50 | .075 | 63 | 1114 | 44016000 |
| | | LAB | 27.0672 | 72.63 | 252 | .07389 | 64 | 1264 | 44018000 |
| | | AIR | 27.7777 | 30.0157 | 555 | 10.188 | 62 | 1099 | 44020000 |
| | PITCH-TRIM-ACTUATOR | AIR | 29.1757 | 51.2137 | 380 | .20565 | 66 | 1250 | 44022000 |
| | INFRARED-SEARCH-AND-TRACK | AIR | 29.1 | | 43 | | 66 | 2006 | 44024000 |
| | IGNITION/ELECTRICAL-SYSTEMS | AIR | 29.549 | 41.9447 | 200 | .50763 | 65 | 1198 | 44026000 |
| | RALAP | AIR | 30 | | | 1.210 | 57 | 2001 | 44028000 |
| | | AIR | 30.303 | 117.869 | 7 | .033 | 62 | 1093 | 44030000 |
| | | AIR | 30.303 | 67.4828 | | .099 | 61 | 1066 | 44032000 |
| | | AIR | 30.4054 | 37.0797 | 15 | 1.48 | 62 | 1099 | 44034000 |
| | COMMUNICATION | AIR | 31 | | | | U | 2001 | 44036000 |
| | | AIR GND | 31.4049 | 38.9973 | | 1.21 | 58 | 212 | 44038000 |
| | CHANGEOVER,ANTENNA,UHF-D-F-SYSTEM, AN/ARA-25 | AIR | 31.5183 | 62.9859 | 50 | .12598 | 65 | 1198 | 44040000 |
| | FEATHER,HYDROMATIC-PROPELLER | AIR | 32.258 | 85.8435 | 272 | .062 | 63 | 1114 | 44042000 |
| | FIRE-CONTROL | AIR | 33 | | | | U | 2001 | 44044000 |
| | FIRE-CONTROL | AIR | 33 | | | .654 | 56 | 2001 | 44046000 |
| | | AIR | 33.5365 | 50.6041 | 75 | .328 | 62 | 1093 | 44048000 |
| | CHANGEOVER,ANTENNA,UHF-D-F-SYSTEM, AN/APA-25 | AIR | 34.0909 | 75.9181 | 102 | .088 | 63 | 1114 | 44050000 |
| | DC-POWER-SUPPLY | AIR | 34.3731 | 58.6908 | 100 | .11637 | 65 | 1198 | 44052000 |
| | | AIR | 34.6385 | 45.8634 | | .664 | 57 | 212 | 44054000 |
| | ELEVATOR,TRIM-TAB-ASSEMBLY | AIR | 35.4588 | 48.7683 | 200 | .50763 | 65 | 1198 | 44056000 |
| | RADIO | AIR | 39 | | | .684 | 57 | 2001 | 44058000 |
| | | AIR | 39.4736 | 51.1 | | .684 | 57 | 212 | 44060000 |
| | RECEIVER-TRANSMITTER,RT-435 | SIM GRD AIR | 39.9001 | 155.277 | 195 | .02505 | 64 | 1181 | 44062000A |
| | GENERAL | AIR | 40 | | | | 57 | 2001 | 44064000 |
| | GAS-TURBINE-COMPRESSOR,AUXILIARY-POWER-PLANT | AIR | 40 | 93.1377 | 306 | .225 | 63 | 1114 | 44066000 |
| | ELEVATOR,TRIM-TAB-ASSEMBLY | AIR | 42.4929 | 60.3184 | 408 | .353 | 63 | 1114 | 44068000 |
| | | AIR | 42.8565 | 64.8672 | | .25667 | 58 | 2240 | 44070000 |
| | | AIR | 42.9 | | | | 57 | 2240 | 44072000 |
| | IFF-SYSTEM,AN/APX-25 | AIR | 42.9604 | 79.7 | 100 | .11637 | 65 | 1198 | 44074000 |
| | DC-POWER-SUPPLY | AIR | 43.4762 | 169,117 | 80 | .023 | 69 | 1110 | 44076000 |
| | | AIR | 43.8871 | 63.0921 | 73 | .319 | 62 | 1099 | 44078000 |
| | | AIR | 44.3037 | 63.6962 | | .316 | 61 | 1066 | 44080000 |
| | ANTENNA,UHF,COMMUNICATION-SYSTEM,AN/ ARC-34 | AIR | 45.4545 | 90.8357 | 102 | .080 | 63 | 1114 | 44082000 |
| | | SIM AIR | 45.4545 | 120.961 | 129 | .044 | 53 | 1108 | 44084000 |
| | | AIR | 45.5469 | 51.3734 | 525 | 2.459 | 62 | 1093 | 44086000 |
| | BATTERY,DC-POWER-SUPPLY | AIR | 45.6308 | 91.1881 | 406 | .08766 | 64 | 1179 | 44088000 |
| | TRANSFER,GENERATOR,EMERGENCY | AIR | 46.7875 | 178.099 | 80 | .02184 | 63 | 1132 | 44090000 |

PART CLASS 601 RELAYS

| PART DESCRIPTION .00 N.O.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| | INTERLOCK.AUTOPILOT-JUNCTION-BOX | AIR GND | 46.0122 | 93.7654 | 13210 | .852 | 65 | 1221 | 44092000 |
| | ANTENNA.UHF.COMMUNICATION-SYSTEM.AN/ARC-34 | AIR | 46.9798 | 78.9993 | 100 | .149 | 55 | 1114 | 44094000 |
| | | AIR | 47.2775 | 82.9887 | 50 | .12691 | 65 | 1198 | 44096000 |
| | | GRD | 47.5247 | 97.9816 | | | | | |
| | ANTENNA-AN/ARC-38-HF-COMMUNICATION-SYSTEM | AIR | 47.619 | 126.721 | | 2.01 | 62 | 1072 | 44098000 |
| | | AIR | 47.9386 | 98.9232 | 63 | .042 | 61 | 1066 | 44100000 |
| | | | | | | .1043 | 64 | 1140 | 44102000 |
| | | AIR | 49.0797 | 68.0699 | 13 | .226 | 62 | 1093 | 44104000 |
| | | GRD | 49.4503 | 78.0549 | | .182 | 60 | 1067 | 44106000 |
| | GENERAL | AIR GND | 50 | | | | 61 | 2L2 | 44108000 |
| | LONGITUDE-COURSE-COMPUTER.DOPPLER-NAVIGATION | AIR | 50 | | | | U | 2001 | 44110000 |
| | | SIN GRD AIR | 50 | 194.435 | 139 | .02 | 63 | 1117 | 44112000 |
| | | AIR | 50.2614 | 78.2063 | | .197 | 60 | 1067 | 44114000 |
| | | AIR | 50.7936 | 71.2749 | 12 | .315 | 62 | 1093 | 44116000 |
| | | AIR | 50.7936 | 71.2749 | 12 | .315 | 62 | 1099 | 44118000 |
| | ANTENNA.UHF.COMMUNICATION-SYSTEM.AN/ARC-34 | AIR | 52.2123 | 62.05 | | 1.12 | 58 | 2L2 | 44120000 |
| | BATTERY.DC-POWER-SUPPLY | AIR | 52.6315 | 204.721 | 100 | .019 | 63 | 1114 | 44122000 |
| | BOMBING/NAVIGATION-EQUIPMENT | AIR | 53.3333 | 106.58 | 50 | .075 | 63 | 1114 | 44124000 |
| | | AIR | 55 | | | .184 | 58 | 2001 | 44126000 |
| | | AIR | 55.1939 | 67.6328 | 212 | .779 | 62 | 1093 | 44128000 |
| | | AIR | 55.5555 | 216.094 | 4 | .018 | 62 | 1099 | 44130000 |
| | LANDING-GEAR-SYSTEM | AIR | 55.5555 | 216.094 | 4 | .018 | 62 | 1093 | 44132000 |
| | | AIR | 55.5555 | 216.094 | 64 | .018 | 59 | 1110 | 44134000 |
| | INVERTER-FAILURE.AC-POWER-SUPPLY | AIR GND | 55.666 | 71.7295 | | .503 | 60 | 1067 | 44136000 |
| | STARTER-CONTROL | AIR | 57.7777 | 84.2575 | 150 | .225 | 63 | 1114 | 44138000 |
| | COMMUNICATION | AIR | 57.971 | 94.1644 | | .138 | 59 | 1070 | 44140000 |
| | CHANGEOVER.ANTENNA.UHF-D-F-SYSTEM.AN/ARA-25 | AIR | 58 | | | | U | 2001 | 44142000 |
| | BATTERY.DC-POWER-SUPPLY | AIR | 58.9761 | 109.397 | 50 | .08478 | 63 | 1198 | 44144000 |
| | | AIR | 58.9761 | 109.397 | 50 | .08478 | 63 | 1198 | 44146000 |
| | | AIR | 59.2105 | 93.4605 | 41 | .152 | 62 | 1093 | 44148000 |
| | RADAR | QUAL TEST | 59.7826 | 90.2073 | | .184 | 59 | 2L2 | 44150000 |
| | BATTERY.DC-POWER-SUPPLY | AIR | 60 | | | | U | 2001 | 44152000 |
| | | AIR | 61.2584 | 103.609 | 473 | .11627 | 55 | 1228 | 44154000 |
| | RADAR | AIR | 61.9195 | 76.4553 | | .646 | 57 | 2L2 | 44156000 |
| | INVERTER.FAILURE.AC-POWER-SUPPLY | AIR | 62 | | | | U | 2001 | 44158000 |
| | TACAN-SYSTEM.AN/ARN-21 | AIR | 62.9079 | 88.2739 | 150 | .25434 | 63 | 1198 | 44160000 |
| | MAIN/BUS-TIE-RV.DC-POWER-SUPPLY | AIR | 64.875 | 81.8879 | 300 | .50867 | 63 | 1198 | 44162000 |
| | CHANGEOVER.ANTENNA.UHF-D-F-SYSTEM.AN/ARA-25 | AIR | 66.6666 | 259.313 | 68 | .015 | 63 | 1114 | 44164000 |
| | | | 66.6666 | 123.662 | 50 | .075 | 63 | 1114 | 44166000 |
| | | AIR | 66.6666 | 259.313 | 8 | .015 | 62 | 1093 | 44168000 |

PART CLASS (CONTINUED) RELAYS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .10 N.O.C. | | | | | | | | | |
| | AUXILIARY-HYDRAULIC-PUMP | AIR | 66.6666 | 255.313 | 60 | .015 | 63 | 1114 | 44170000 |
| | TACAN-SYSTEM.AN/ARN-21 | AIR | 68.8888 | 87.6218 | 300 | .43 | 63 | 1114 | 44172000 |
| | MISSILE-GUIDANCE | GRD | 71 | | | | U | 2001 | 44174000 |
| | ASTRO-TRACKER-SUBSYSTEM | AIR | 71.9844 | 124.375 | 12 | .09464 | 62 | 2322 | 44176000 |
| | | GEN | 74 | | | | 57 | 2L2 | 44178000 |
| | AUTOMATIC-FLIGHT-CONTROL | AIR | 75 | | | | U | 2001 | 44180000 |
| | | AIR | 75 | | | | 62 | 2240 | 44182000 |
| | TOUCHDOWN.LANDING-GEAR.MAIN | AIR | 76.4154 | 101.841 | 532 | .2879 | 66 | 1250 | 44184000 |
| | | AIR | 76.923 | 299.207 | 4 | .013 | 62 | 1099 | 44186000 |
| | TRANSFER.BCN.NAVIGATION. INSTRUMENTATION | AIR | 78.7608 | 124.315 | 473 | .11427 | 65 | 1228 | 44188000 |
| | | GRD | 79.0729 | 94.1145 | | .7334 | 57 | 2M3 | 44190000 |
| | SIGNAL-DATA-CONVERTER.COMMUNICATION/ IDENTIFICATION/NAVIGATION/SYSTEM | SIM GRD AIR | 79.8403 | 212.467 | 195 | .02505 | 64 | 1181 | 44192000A |
| | POWER-SUPPLY.AN/ASQ-37 | SIM GRD AIR | 79.8403 | 212.467 | 195 | .02505 | 64 | 1181 | 44194000A |
| | ANTENNA.CALIBRATION.DOPPLER- NAVIGATION-SYSTEM | SIM GRD AIR | 82.7129 | 321.728 | 195 | .01209 | 64 | 1181 | 44196000A |
| | | AIR | 83.3333 | 166.532 | | .048 | 61 | 1066 | 44198000 |
| | BATTERY.DC-POWER-SUPPLY | AIR | 83.7871 | 222.97 | 62 | .02387 | 63 | 1111 | 44200000 |
| | TRANSFER.BCN.NAVIGATION- INSTRUMENTATION | AIR | 84.9601 | 103.849 | 597 | .33789 | 67 | 1272 | 44202000 |
| | | AIR | 85.1063 | 126.11 | 38 | .141 | 62 | 1099 | 44204000 |
| | | GRD | 88.8625 | 197.85 | 2100 | .03336 | 63 | 1139 | 44206000A |
| | | AIR | 90.909 | 353.609 | 5 | .011 | 62 | 1099 | 44208000 |
| | GAS-TURBINE-COMPRESSOR.AUXILIARY- POWER-PLANT | AIR | 94.3618 | 132.41 | 100 | .16956 | 53 | 1198 | 44210000 |
| | FLIGHT-DIRECTOR-SYSTEM.AIR-FOR. | AIR | 94.526 | 142.632 | 100 | .11637 | 65 | 1198 | 44212000 |
| | RADIO-ALTIMETER-SUBSYSTEM | AIR | 94.6611 | 175.59 | 10 | .05282 | 62 | 2327 | 44214000 |
| | RELEASE.FEEL-MALFUNCTION. ELEVATOR-ASSEMBLY | AIR | 97.2526 | 194.388 | 76 | .04113 | 66 | 1250 | 44216000 |
| | | AIR | 100 | | | | 58 | 2M1 | 44218000 |
| | | AIR | 100 | 185.494 | | .050 | 58 | 2L2 | 44220000 |
| | AUTOMATIC-FLIGHT-CONTROL | AIR | 100 | | | .05 | 57 | 2001 | 44222000 |
| | MONITOR-VOLTAGE.MOBILE-INSPECTION- UNIT | GRD | 102.739 | 162.168 | | .0876 | 67 | 1141 | 44224000 |
| | COMMAND-SUBSYSTEM-RADAR-SET- AN/APQ-57 | AIR | 105.122 | 149.221 | 15 | .14269 | 62 | 2323 | 44226000 |
| | | AIR | 105.263 | 152.175 | | .095 | 61 | 1066 | 44228000 |
| | | AIR | 105.263 | 280.121 | 37 | .019 | 62 | 1093 | 44230000 |
| | GAS-TURBINE-COMPRESSOR.AUXILIARY- POWER-PLANT | AIR | 107.382 | 150.681 | 100 | .149 | 63 | 1114 | 44232000 |
| | DC-POWER-SUPPLY | AIR | 110.314 | 158.6 | 50 | .12691 | 65 | 1198 | 44234000 |
| | POWER-SUPPLY.AN/ASQ-37 | SIM GRD AIR | 111.111 | 295.683 | 278 | .018 | 63 | 1117 | 44236000 |
| | | AIR | 113.378 | 210.31 | | .0441 | 59 | 2M2 | 44238000 |
| | | AIR | 118.811 | 140.988 | 10 | .505 | 62 | 1099 | 44240000 |

PART CLASS 601 RELAYS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 M.S.C. | | | | | | | | | |
| | | AIR | 120.111 | 147.167 | | .358 | 61 | 1066 | 44242000 |
| | IGNITION/ELECTRICAL-SYSTEMS | AIR | 120.401 | 150.428 | 200 | .299 | 63 | 1114 | 44244000 |
| | POSITION.WING-FLAP-SYSTEM | AIR | 121.359 | 270.258 | 48 | .02472 | 65 | 1227 | 44246000 |
| | IGNITION/ELECTRICAL-SYSTEMS | AIR | 126.798 | 155.36 | 200 | .33912 | 63 | 1198 | 44248000 |
| | AUXILIARY-HYDRAULIC-PUMP | AIR | 128.899 | 182.971 | 100 | .11617 | 65 | 1198 | 44250000 |
| | DC-POWER-SUPPLY | AIR | 136.363 | 202.063 | 102 | .088 | 63 | 1114 | 44252000 |
| | TRANSFER.HORIZONTAL-STABILIZER. EMERGENCY | AIR | 137.362 | 309.897 | 80 | .02184 | 63 | 1132 | 44254000 |
| | | AIR | 140 | | | | 61 | 2240 | 44256000 |
| | TEST.FIRE-DETECTION-SYSTEM | AIR | 141.542 | 209.737 | 50 | .08478 | 63 | 1198 | 44258000 |
| | | AIR | 142.857 | 555.671 | 2 | .007 | 62 | 1093 | 44260000 |
| | | AIR | 150 | 334.04 | 6 | .02 | 62 | 1093 | 44262000 |
| | WARNING AUDIBLE-SYSTEM.OXYGEN-QUANTITY | AIR | 153.035 | 230.463 | 152 | .08226 | 66 | 1250 | 44264000 |
| | TEST.FIRE-DETECTION-SYSTEM | AIR | 160 | 237.087 | 90 | .075 | 63 | 1114 | 44266000 |
| | RELEASE.FEEL-MALFUNCTION.ELEVATOR-ASSEMBLY | AIR | 161.812 | 323.363 | 48 | .02472 | 65 | 1227 | 44268000 |
| | ELEVATOR.TRIM-TAB-ASSEMBLY | AIR | 165.42 | 192.298 | 400 | .46548 | 65 | 1198 | 44270000 |
| | SEARCH-RADAR-SUBSYSTEM | AIR | 165.785 | 189.003 | 80 | .86256 | 62 | 2322 | 44272000 |
| | LANDING-AND-TAXI-LIGHTS | AIR | 166.666 | 371.153 | 64 | .018 | 59 | 1110 | 44274000 |
| | INTERCOM.AN/AIC-10 | AIR | 170.454 | 241.959 | 102 | .088 | 63 | 1114 | 44276000 |
| | FIRE-CONTROL | AIR | 178.082 | 259.697 | | .073 | 61 | 1066 | 44278000 |
| | | AIR | 180 | | | | U | 2001 | 44280000 |
| | | SUB | 186.046 | 371.793 | 180 | .0215 | 65 | 1246 | 44282000 |
| | | GRD | 186.274 | 231.307 | | .204 | 60 | 1067 | 44284000 |
| | DOPPLER-RADAR-SUBSYSTEM | AIR | 195.477 | 243.465 | 20 | .18928 | 62 | 2322 | 44286000 |
| | | AIR | 196.721 | 258.881 | 34 | .122 | 62 | 1099 | 44288000 |
| | FLIGHT-DIRECTOR-SYSTEM.AIR-FORCE-STD | AIR | 200 | 445.386 | 68 | .015 | 63 | 1114 | 44290000 |
| | BOMBING/NAVIGATION-EQUIPMENT | AIR | 210 | | | 2.71 | 55 | 2001 | 44292000 |
| | BOMBING/NAVIGATION-EQUIPMENT | AIR | 210 | | | .482 | 57 | 2001 | 44294000 |
| | | AIR GND | 211.618 | 241.081 | | .482 | 58 | 212 | 44296000 |
| | | AIR | 226.765 | 255.408 | | .538 | 63 | 2114 | 44298000 |
| | TREE.ADDRESS-PANEL.MOBILE-INSPECTION | GRD | 228.31 | 308.734 | | .0876 | 62 | 1141 | 44300000 |
| | INTERLOCK.GENERATOR.28VDC | HELI | 233.333 | 392.363 | 120 | .03 | 65 | 2215 | 44302000 |
| | RADIO | AIR | 250 | | | | U | 2001 | 44304000 |
| | DC-POWER-SUPPLY | AIR | 283.035 | 372.535 | 50 | .08478 | 63 | 1198 | 44306000 |
| | INTERCOM.AN/AIC-10 | AIR | 293.333 | 390.936 | 50 | .075 | 63 | 1114 | 44308000 |
| | DC-POWER-SUPPLY | AIR | 293.333 | 390.936 | 50 | .075 | 63 | 1114 | 44310000 |
| | FLIGHT-CONTROL-SYSTEM | AIR | 306.312 | 338.875 | 44 | .54846 | 62 | 2323 | 44312000 |
| | AC-POWER-SUPPLY | AIR | 306.666 | 406.044 | 50 | .075 | 63 | 1111 | 44314000 |
| | AC-POWER-SUPPLY | AIR | 306.676 | 399.108 | 50 | .08478 | 63 | 1198 | 44316000 |
| | AC POWER-SUPPLY | AIR | 318.181 | 409.999 | 102 | .088 | 63 | 1114 | 44318000A |
| | HORIZONTAL-STABILIZER-TRIM-SYSTEM | AIR | 333.333 | 742.311 | 32 | .009 | 59 | 1110 | 44320000 |
| | AC-POWER-SUPPLY | AIR | 338.822 | 415.144 | 50 | .12691 | 65 | 1198 | 44322000 |
| | | MSL | 357.142 | 950.237 | | .028 | 57 | 212 | 44324000 |

PART CLASS 601 RELAYS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .(F N.C.C. | | | | | | | | | |
| | | GRD | 395.256 | 1031.83 | 400 | .00506 | 63 | 1159 | 44326000A |
| | AC-POWER-SUPPLY | AIR | 407 | 702.14 | 68 | .015 | 63 | 1114 | 44328000A |
| | FIRE-CONTROL | AIR | 350 | | | 1.13 | 58 | 2001 | 44330000 |
| | | AIR | 571.428 | 1141.93 | 5 | .007 | 62 | 1099 | 44332000 |
| | SWITCH-OVER.AUTO.TACAN-RADIO. AN/ARN-65 | AIR | 577.579 | 679.797 | 473 | .11427 | 65 | 1228 | 44334000 |
| | | GRD | 697.05 | 1016.51 | 1300 | .01865 | 63 | 1159 | 44336000A |
| | | GRD | 920.245 | 2049.32 | 200 | .00326 | 63 | 1159 | 44338000A |
| | PULSE-FORMING-NETWORK | AIR | 978.434 | 1183.08 | 490 | .05008 | 65 | 1223 | 44340000 |
| | | AIR | 1000 | 1342.1 | | .021 | 57 | 212 | 44342000 |
| | GENERAL | AIR | 1014 | | | .021 | U | 2001 | 44344000 |
| | SWITCH-OVER.AUTO.TACAN-RADIO. AN/ARN-65 | AIR | 1049.5 | 1204.11 | 406 | .08766 | 64 | 1179 | 44346000 |
| | AUXILIARY-ASSEMBLY | AIR | 1515.15 | 5893.48 | 6 | .00066 | 62 | 1157 | 44348000 |
| | FREE.MOBILE-INSPECTION-UNIT | GRD | 2009.13 | 2217.46 | | .0878 | 62 | 1141 | 44350000 |
| | | GRD | 3044 | | | | 61 | 285 | 44352000 |
| | | | 55783.3 | 57200.8 | | .04493 | 62 | 2329 | 44354000 |
| AC | CABIN-OVERHEAT.AIR-CONDITIONING | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 44356000 |
| AC | CAMERA-HEAT | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 44358000 |
| AC | EXTERNAL-POWER-INTERLOCK | AIR | 83.752 | 325.77 | 31 | .01194 | 63 | 1111 | 44360000 |
| AC-GROUND-POWER | ELECTRICAL-POWER.707-131 | AIR | 110P | | | | 66 | 2361 | 44362000 |
| AC-GROUND-POWER | ELECTRICAL-POWER.707-131 | AIR | 110P | | | | 66 | 2362 | 44364000 |
| AC-GROUND-POWER | ELECTRICAL-POWER.707-131 | AIR | 110P | | | | 66 | 2364 | 44366000 |
| AC-GROUND-POWER | ELECTRICAL-POWER.707-331 | AIR | 170P | | | | 66 | 2362 | 44368000 |
| AC-GROUND-POWER | ELECTRICAL-POWER.707-131 | AIR | 230P | | | | 66 | 2361 | 44370000 |
| AC-GROUND-POWER | ELECTRICAL-POWER.707-131 | AIR | 260P | | | | 65 | 2361 | 44372000 |
| AC-GROUND-POWER | ELECTRICAL-POWER.707-331 | AIR | 310P | | | | 66 | 2362 | 44374000 |
| AC-GROUND-POWER | ELECTRICAL-POWER.707-331 | AIR | 310P | | | | 65 | 2364 | 44376000 |
| AC-GROUND-POWER | ELECTRICAL-POWER.707-331 | AIR | 340P | | | | 66 | 2364 | 44378000 |
| AC-GROUND-POWER | ELECTRICAL-POWER.707-131 | AIR | 540P | | | | 65 | 2364 | 44380000 |
| AC-POWER-CONTROL | | SHP | 2.64 | | | | 62 | 2240 | 44382000 |
| AC/DC | CONTROL.CABIN-TEMPERATURE.AIR-CONDITIONING | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 44384000 |
| AC/DC | ANTI-ICING.ENGINE | AIR | * | 17.5356 | 361 | .13131 | 63 | 1111 | 44386000 |
| AC/DC | | AIR | 2.09432 | 8.14631 | 1240 | .47748 | 63 | 1111 | 44388000 |
| ALARM | AUDIBLE-WARNING-SYSTEM.FIRE | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 44390000 |
| ANGLE-OF-ATTACK | | AIR | 539.033 | 581.904 | | .538 | 63 | 2114 | 44392000 |
| ANTENNA-TRANSFER | R.F.AMPLIFIER | LAB | 2.03 | | | | 65 | 2324 | 44394000 |
| ARMATURE | (STORAGE) | | * | 7.15093 | | .3220 | 66 | 2328 | 44396000A |
| ARMATURE | (STORAGE) | | * | 34.9935 | | .0658 | 66 | 259 | 44398000A |
| ARMATURE | (STORAGE) | | * | 2.70579 | | .8510 | 66 | 2326 | 44400000A |
| ARMATURE | (STORAGE) | | * | 1.82688 | | 1.2604 | 66 | 2320 | 44402000A |
| ARMATURE | (STORAGE) | | * | 6.22492 | | .3695 | 66 | 2322 | 44404000A |
| ARMATURE | (STORAGE) | | * | .239413 | | 9.6177 | 66 | 2322 | 44406000A |
| ARMATURE | (STORAGE) | | * | .446552 | | 5.1564 | 66 | 2319 | 44408000A |

PART CLASS .001 RELAYS

| PART DESCRIPTION .00 N.E.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| ARMATURE | (STORAGE) | | * | .8762?9 | | 2.6466 | 66 | 254 | 444100000A |
| ARMATURE | (STORAGE) | | * | 1.2316 | | 1.8696 | 66 | 2518 | 444120000A |
| ARMATURE | | GRD | * | 4428.07 | | .00052 | 64 | 1100 | 44414000 |
| ARMATURE | | AIR | * | .238314 | 11070 | 9.66 | 64 | 1146 | 44416000 |
| ARMATURE | (.001-.01ACTUATIONS/HOUR) | SHP | * | 2.42812 | | .94807 | 61 | 1126 | 44416000 |
| ARMATURE | | SIN MSL | * | 13118.9 | 370 | .00019 | 64 | 1130 | 444200000A |
| ARMATURE | | MSL | * | 76755.3 | 32 | .00003 | 64 | 1130 | 444220000A |
| ARMATURE | 1055-BOMB-SYSTEM | SIN GRD AIR | * | 82.9765 | 195 | .02775 | 64 | 1181 | 444240000A |
| ARMATURE | (PER-CONTACT-SET) | LAB | .3 | | | | 63 | 1138 | 44426000 |
| ARMATURE | | AIR | .722022 | 1.9214 | | 2.77 | 63 | 1104 | 44428000 |
| ARMATURE | | AIR | 2.63769 | 3.98037 | 11070 | 4.17 | 64 | 1144 | 44430000 |
| ARMATURE | | SIN GRD | 4.49205 | 6.49244 | | 2.92 | 63 | 1104 | 44432000 |
| ARMATURE | | LAB | 4.51977 | 5.5808 | 6721 | 8.85 | 66 | 1230 | 444340000A |
| ARMATURE | | GRD | 5.47645 | 7.29857 | | .0179 | 61 | 1126 | 44436000 |
| ARMATURE | (0-20PC-RTD-CURRENT) | SHP | 5.48114 | 7.69127 | | 2.9191 | 61 | 1126 | 44438000 |
| ARMATURE | (.05-.15ACTUATIONS/HOUR) | SHP | 5.83175 | 9.47273 | | 1.3718 | 61 | 1126 | 44440000 |
| ARMATURE | (20-50PC-RTD-CURRENT) | SHP | 5.91666 | 9.9492 | | 1.1831 | 61 | 1126 | 44442000 |
| ARMATURE | | SHP | 10.3451 | 13.7873 | | 2.1266 | 61 | 1126 | 44444000 |
| ARMATURE | | AIR GRD | 31.4004 | 40.6969 | 2000 | .85986 | 65 | 1184 | 44446000 |
| ARMATURE | | GRD | 42.5422 | 113.264 | | .04699 | 64 | 1180 | 44448000 |
| ARMATURE | | AIR | 51.1018 | 60.3022 | | 1.2524 | 61 | 1126 | 44450000 |
| ARMATURE | | AIR | 54.6227 | 66.1594 | | .11203 | 61 | 1126 | 44452000 |
| ARMATURE | | AIR | 78.7401 | 132.466 | 680 | .0829 | 62 | 1095 | 444540000A |
| ARMATURE. | | AIR | 88.7573 | 113.358 | 2880 | .338 | 62 | 1095 | 44456000 |
| ARMATURE.DPDT | | AIR | 140.55 | 375.494 | | .01425 | 61 | 1126 | 44458000 |
| ARMATURE.DPDT | | SIN AIR | 72.2021 | 193.24 | 219 | .9277 | 64 | 1231 | 444600000A |
| ARMATURE.DPDT.CONTACT-2A 28VDC.28VDC-COIL.1/2-SIZE-CRYSTAL-CAN.10-PIN | | SIN AIR | 192.671 | 406.282 | 65 | .0131 | 65 | 1199 | 444620000A |
| | | LAB | .771605 | 3.00131 | 274 | 1.296 | 65 | 1217 | 44464000 |
| ARMATURE.DPDT.CONTACT-2A. 28VDC.12VDC-COIL. CRYSTAL-CAN. | | LAB | * | 26.7625 | 2 | .08 | 65 | 1217 | 444660000A |
| ARMATURE.DPDT.CONTACT-2A. 28VDC.28VDC-COIL.CRYSTAL-CAN.MICROMINIATURE.9-PIN | | LAB | * | 13.3949 | 66 | .1719 | 65 | 1217 | 444680000A |
| ARMATURE.DPDT.CONTACT-2A. 28VDC-COIL.CRYSTAL-CAN. MICROMINIATURE.9-PIN | | LAB | .945932 | 1.77319 | 1464 | 5.2505 | 65 | 1217 | 44470000 |
| ARMATURE.GENERAL-PURPOSE | | SIN AIR | 18.1192 | 20.4393 | 184 | .05519 | 65 | 1195 | 444720000A |
| ARMATURE.GENERAL-PURPOSE | | SIN AIR | 28.0373 | 44.2554 | | .321 | 63 | 1103 | 444740000A |
| ARMATURE.GT-1AMP-CLC | | SHP | 7.81021 | 12.6864 | | 1.0243 | 61 | 1126 | 44476000 |
| ARMATURE.MICROMINIATURE | | SIN AIR | 12.4378 | 17.1063 | 5866 | 1.4472 | 65 | 1195 | 444760000A |
| ARMATURE.SEALED | | GRD | * | 133.754 | | .01721 | 64 | 1180 | 44480000 |
| ARMATURE.SENSING.DPDT. CONTACT-2A.28VDC.28VDC-COIL.9-PIN | | LAB | * | 10.4503 | 38 | .1249 | 65 | 1217 | 444820000A |

PART CLASS 601 RELAYS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | TR RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 M.O.C. | | | | | | | | | |
| ARMATURE.SENSING.6PDT.CONTACT-2A.28VDC.28VDC-COIL | | LAB | * | 12.085 | 14 | .0247 | 65 | 1217 | 44484000A |
| ARMATURE.TERMINAL | | | 5 | | | | 64 | 2F1 | 44406000 |
| ARMATURE.TERMINAL | | | 19.9 | | | | 64 | 2F1 | 44430000 |
| ARMATURE.TERMINAL | | | 59.9 | | | | 64 | 2F1 | 44460000 |
| ARMATURE.TERMINAL | | | 204.9 | | | | 64 | 2F1 | 44490000 |
| ARMATURE.TIME-DELAY.45-SECOND.DPDT.CONTACT-2A.28VDC/115VAC.2-COILS. | | LAB | * | 179.127 | 4 | .0133 | 65 | 1217 | 44494000A |
| ARMATURE.0-100MA-CLC | | SHP | 8.10022 | 11.4982 | | 1.8518 | 61 | 1126 | 44496000 |
| ARMATURE.1-CONTACT-SET | | SHP | * | 5.97317 | | .38549 | 61 | 1126 | 44498000 |
| ARMATURE.1-CONTACT-SET | | AIR | 43.65 | 54.3657 | | .84785 | 61 | 1126 | 44500000 |
| ARMATURE.1-CONTACT-SET.0-100MA-CLC | | AIR | 29.8436 | 55.3581 | | .16754 | 61 | 1126 | 44502000 |
| ARMATURE.1-CONTACT-SET.100MA-1AMP-CLC | | AIR | 50.025 | 78.9617 | | .17991 | 61 | 1126 | 44504000 |
| ARMATURE.1-CONTACT-SET.GT-1AMP-CLC | | AIR | 83.9691 | 111.179 | | .27341 | 61 | 1126 | 44506000 |
| ARMATURE.10-CONTACT-SET | | SHP | 16.8137 | 44.744 | | .11895 | 61 | 1126 | 44508000 |
| ARMATURE.100MA-1AMP-CLC | | SHP | 6.93032 | 9.83755 | | 2.1644 | 61 | 1126 | 44510000 |
| ARMATURE.12 | | SHP | 3.36281 | 8.94895 | | .59474 | 61 | 1126 | 44512000 |
| ARMATURE.12 | | AIR | 61.1416 | 92.258 | | .17991 | 61 | 1126 | 44514000 |
| ARMATURE.12-CONTACT-SET.100MA-1AMP-CLC | | AIR | 91.7129 | 138.387 | | .11994 | 61 | 1126 | 44516000 |
| ARMATURE.2-CONTACT-SET | | SHP | 8.50537 | 10.7358 | | 3.6799 | 61 | 1126 | 44518000 |
| ARMATURE.2-CONTACT-SET | | AIR | 58.3059 | 77.7065 | | .37732 | 61 | 1126 | 44520000 |
| ARMATURE.2-CONTACT-SET.100MA-1AMP-CLC | | AIR | 33.35 | 66.6462 | | .11994 | 61 | 1126 | 44522000 |
| ARMATURE.2-CONTACT-SET.GT-1AMP-CLC | | AIR | 99.0207 | 136.188 | | .18178 | 61 | 1126 | 44524000 |
| ARMATURE.3-CONTACT-SET | | SHP | 13.392 | 20.2076 | | .62138 | 61 | 1126 | 44526000 |
| ARMATURE.3-CONTACT-SET | | AIR | 42.4628 | 165.167 | | .02393 | 61 | 1126 | 44528000 |
| ARMATURE.4-CONTACT-SET | | SHP | 5.02504 | 6.41783 | | 5.9701 | 61 | 1126 | 44530000 |
| ARMATURE.4-CONTACT-SET | | AIR | 31.7801 | 45.0833 | | .47229 | 61 | 1126 | 44532000 |
| ARMATURE.4-CONTACT-SET.0-100MA-CLC | | AIR | 21.0084 | 81.7163 | | .0474 | 61 | 1126 | 44534000 |
| ARMATURE.4-CONTACT-SET.100MA-1AMP-CLC | | AIR | 50.4286 | 93.5421 | | .09919 | 61 | 1126 | 44536000 |
| ARMATURE.4-CONTACT-SET.GT-1AMP-CLC | | AIR | 79.1228 | 139.049 | | .08847 | 61 | 1126 | 44538000 |
| ARMATURE.6PDT.CONTACT-10A.28VDC.30VDC-COIL | | LAB | * | 115.13 | 6 | .02 | 65 | 1217 | 44540000A |
| ARMATURE.6PDT.CONTACT-1-1/2A.30VDC.28VDC-COIL.MINIATURE | | LAB | * | 17.5434 | 34 | .1341 | 65 | 1217 | 44542000A |

SUBPART 1 FAILURE RATE DATA

PART CLASS SET RELAYS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART PROPAGATION | PART WEIGHT | PS QF | DATA REPT | CODES INDEX | REF NO |
|---|---|---|---|---|---|---|---|---|---|---|
| .00 N.A.C. | | | | | | | | | | |
| ARMATURE.5-CONTACT-SET | | | | | | | | | | |
| ARMATURE.5-CONTACT-SET | | SHP | * | 8.32686 | | | | | | |
| ARMATURE.6-CONTACT-SET | | AIR | 280.901 | 560.94 | | .21005 | 61 | 1126 | 44854000 | |
| ARMATURE.6-CONTACT-SET | | SHP | 8.48705 | 19.5645 | | .01485 | 61 | 1126 | 44854000 | |
| ARMATURE.6-CONTACT-SET. | | AIR | 109.667 | 162.764 | | .38476 | 61 | 1126 | 44854000 | |
| 6-CODED-CLC | | AIR | 42.0188 | 111.815 | | .09469 | 61 | 1126 | 44850000 | |
| ARMATURE.6-CONTACT-SET.GT- | | | | | | .0476 | 61 | 1126 | 44852000 | |
| 100F-CLC | | AIR | 169.051 | 274.895 | | .0471 | 61 | 1126 | 44854000 | |
| ARMATURE.7-CONTACT-SET | | | | | | | | | | |
| ARMATURE.7-CONTACT-SET.GT- | | SHP | 1.77261 | 6.09492 | | .56414 | 61 | 1126 | 44856000 | |
| T200-CLC | | AIR | 140.35 | 273.494 | | .01429 | 61 | 1126 | 44850000 | |
| ARMATURE.8 | | | | | | | | | | |
| ARMATURE.8-CONTACT-SET | | AIR | 83.8262 | 115.29 | | .21473 | 61 | 1126 | 44860000 | |
| ARMATURE.8-CONTACT-SET.GT- | | SHP | 5.82146 | 5.88759 | | 8.6168 | 61 | 1126 | 44862000 | |
| T200-CLC | | AIR | 131.904 | 198.732 | | .00352 | 61 | 1126 | 44864000 | |
| ARMATURE.8-CONTACT-SET- | | | | | | | | | | |
| 100MA-T200-CLC | | AIR | 116.725 | 136.279 | | .05937 | 61 | 1126 | 44866000 | |
| ARMING | AIR-DROP-SYSTEM | | | | | | | | | |
| ARMING | | AIR | * | 93.1472 | 48 | .02476 | 65 | 1227 | 44868000 | |
| ARMING | AIR-DROP-SYSTEM | AIR | .89 | | | | 65 | 2390 | 44870000 | |
| ARMING | LANDING-GEAR | AIR | 24.3131 | 94.5708 | 76 | .09113 | 66 | 1290 | 44872000 | |
| ARMING | LANDING-GEAR | AIR | 36.6697 | 61.058 | 200 | .23274 | 63 | 1198 | 44874000 | |
| ARMING | LANDING-GEAR | AIR | 64.5181 | 171.667 | 136 | .051 | 33 | 1114 | 44876000 | |
| ARMING | LANDING-GEAR | AIR | 78.7656 | 121.345 | 80 | .12691 | 65 | 1198 | 44878000 | |
| ARMING | LANDING-GEAR | AIR | 79.8454 | 133.76 | 102 | .088 | 63 | 1114 | 44880000 | |
| ARMING | LANDING-GEAR | AIR | 106.366 | 175.262 | 86 | .075 | 63 | 1114 | 44882000 | |
| ARMING-CONTROL-BOX | | AIR | 129.747 | 195.779 | 80 | .00478 | 63 | 1198 | 44884000 | |
| ASSEMBLY.ARMAMENT-TEST | ARMAMENT-SYSTEM | AIR | .469 | | | | 65 | 2390 | 44886000 | |
| ASSEMBLY.CONTROL | ARMAMENT-SYSTEM | AIR | 13483.1 | 16945.7 | 36 | .00267 | 66 | 1256 | 44888000A | |
| ASSEMBLY.MODE-SELECTOR | ARMAMENT-SYSTEM | AIR | 3370.78 | 5520.94 | 36 | .00267 | 66 | 1256 | 44890000A | |
| ASSEMBLY.PARAMETER-SETTING | ARMAMENT-SYSTEM | AIR | 1872.65 | 3473.67 | 36 | .00267 | 66 | 1256 | 44892000A | |
| ASSEMBLY.UNDER/OVERVOLTAGE | MAIN-POWER | AIR | 1123.59 | 2408.17 | 36 | .00267 | 66 | 1256 | 44894000A | |
| ATM | AUXILIARY-POWER-PLANT | AIR | 1498.12 | 2993.83 | 36 | .00267 | 66 | 1256 | 44896000A | |
| ATM | AUXILIARY-POWER-PLANT | AIR | 11.9952 | 45.8799 | 50 | .00478 | 63 | 1198 | 44898000 | |
| AUXILIARY | | AIR | 13.3333 | 41.6626 | 58 | .075 | 63 | 1114 | 44900000 | |
| BATTERY | DC-POWER-SUPPLY | AIR | .089 | | | | 65 | 2390 | 44902000 | |
| BOX | DOOR.ELECTRIC-AIR-SPOILER.PARATROOP | AIR | 173.782 | 199.693 | 397 | .51789 | 67 | 1272 | 44904000 | |
| BOX | RADAR.TOSS-BOMB-SYSTEM | SHP GRD AIR | * | 27.3917 | 152 | .08226 | 66 | 1290 | 44906000 | |
| BOX | RADAR | SHP GRD AIR | * | 41.4957 | 390 | .85549 | 64 | 1181 | 44908000 | |
| BOX | RADAR-SYSTEM | SHP GRD AIR | * | 82.4765 | 195 | .02775 | 64 | 1181 | 44910000A | |
| BOX | DOOR.ELECTRIC.AIR-SPOILER.PARATROOP | AIR | * | 115.13 | 139 | .02 | 63 | 1117 | 44912000 | |
| BOX | ENGINE-CONTROLS | AIR | .501879 | 46.5736 | 96 | .04944 | 65 | 1227 | 44914000 | |
| BOX | ENGINE-CONTROLS | AIR | 2.63754 | 6.95921 | 1716 | 1.9945 | 65 | 1201 | 44916000 | |
| BOX | ENGINE-CONTROLS.ELECTRICAL-SYSTEM | AIR | 5.37239 | 10.2592 | 460 | .37914 | 65 | 1201 | 44918000 | |
| BOX | SENSOR.CLOSED-THROTTLE.TURBO-ENGINE | AIR | 7.09716 | 11.9639 | 708 | .55841 | 65 | 1201 | 44620000 | |
| | | | | 14.1029 | 980 | .5668 | 66 | 1277 | 44622000 | |

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y. NONELECTRONIC PART FAILURE RATE DATA JANUARY 1968
SECTION I FAILURE RATE DATA

PART CLASS 601 RELAYS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 %CNF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| 80X | ENGINE-CONTROLS | AIR | 10.7416 | 19.925 | 400 | .46548 | 65 | 1198 | 44624000 |
| 80X | ENGINE-CONTROLS | AIR | 16.129 | 62.737 | 272 | .062 | 63 | 1114 | 44626000 |
| 80X | ENGINE-CONTROLS | AIR | 41.3887 | 55.9213 | 200 | .50763 | 65 | 1198 | 44628000 |
| 80X | ENGINE-CONTROLS | AIR | 45.3257 | 63.6022 | 408 | .353 | 63 | 1114 | 44630000 |
| 80X | SERVO-ENGAGE.AUTOPILOT-SYSTEM | AIR | 79.5454 | 133.76 | 102 | .088 | 65 | 1114 | 44632000 |
| 80X | SERVO-ENGAGE.AUTOPILOT-SYSTEM | AIR | 111.712 | 162.91 | 100 | .11837 | 65 | 1198 | 44634000 |
| 80X | SERVO-ENGAGE.AUTOPILOT-SYSTEM | AIR | 118.193 | 187.775 | 50 | .12691 | 65 | 1198 | 44636000 |
| 80X | SERVO-ENGAGE.AUTOPILOT-SYSTEM | AIR | 168.723 | 264.821 | 50 | .08478 | 63 | 1198 | 44638000 |
| 80X | SERVO-ENGAGE.AUTOPILOT-SYSTEM | AIR | 213.333 | 299.354 | 50 | .075 | 63 | 1114 | 44640000 |
| 80X | AUTOPILOT.MA-2 | AIR | 251.256 | 559.53 | 31 | .01194 | 63 | 1111 | 44642000 |
| 80X | ENGINE-CONTROLS | AIR | 483.604 | 535.603 | 700 | .33912 | 63 | 1198 | 44644000 |
| 80X | ENGINE-CONTROLS | AIR | 491.638 | 547.789 | 200 | .299 | 63 | 1114 | 44646000 |
| BUSH | MOBILE-INSPECTION-UNIT | GRD | * | 26.2853 | | .0876 | 62 | 1141 | 44648000 |
| CHOPPER | | SIM AIR | * | 191.883 | | .012 | 63 | 1103 | 44650000A |
| CHOPPER | AN/BRN-3 | LAB | 2.82079 | 7.50655 | 200 | .70902 | 64 | 1167 | 44652000 |
| CHOPPER | | LAB | 485.044 | 851.422 | 6 | .01237 | 63 | 1273 | 44654000A |
| CIRCUIT-BREAKER | | GEN | .83 | | | | 61 | 2N1 | 44656000 |
| COAXIAL | (0-100-ACTUATIONS/HR) | GRD | 6A | | | | 65 | 1251 | 44658000 |
| COAXIAL | | GRD | 7 | | | | 63 | 1098 | 44660000 |
| COAXIAL | (101-200-ACTUATIONS/HR) | GRD | 9A | | | | 65 | 1251 | 44662000 |
| COAXIAL | (201-300-ACTUATIONS/HR) | GRD | 12A | | | | 65 | 1251 | 44664000 |
| CONTACT.MERCURY-WETTED. BISTABLE | | LAB | * | .0011370 | 8 | 20260 | 62 | 1273 | 44666000A |
| CONTACTOR | EXT-POWER.AC-POWER-SUPPLY | AIR | 8.59320 | 33.4252 | 100 | .11837 | 65 | 1198 | 44668000 |
| CONTACTOR | EXT-POWER.AC-POWER-SUPPLY | AIR | 35.3857 | 78.8016 | 50 | .08478 | 63 | 1198 | 44670000 |
| CONTACTOR | EXT-POWER.AC-POWER-SUPPLY | AIR | 39.3979 | 75.0805 | 50 | .12691 | 65 | 1198 | 44672000 |
| CONTACTOR | EXT-POWER.AC-POWER-SUPPLY | AIR | 40 | 89.0713 | 50 | .075 | 63 | 1114 | 44674000 |
| CONTACTOR | EXT-POWER.AC-POWER-SUPPLY | AIR | 45.4545 | 98.8357 | 102 | .088 | 63 | 1114 | 44676000 |
| CONTACTOR.GEN-LINE-BUS-TIE | ELECTRICAL-POWER.880 | AIR | 40P | | | | 66 | 2360 | 44678000 |
| CONTACTOR.GEN-LINE-BUS-TIE | ELECTRICAL-POWER.880 | AIR | 40P | | | | 65 | 2360 | 44680000 |
| CONTACTOR.LOAD-GREATER.THAN.10.AMP | (STORAGE) | MSL | .2 | | | | 65 | 2440 | 44682000 |
| CONTACTOR.REVERSE-CURRENT | ELECTRICAL-POWER.707-1318 | AIR | 30P | | | | 66 | 2362 | 44684000 |
| CONTACTOR.REVERSE-CURRENT | ELECTRICAL-POWER.707-331 | AIR | 170P | | | | 66 | 2362 | 44686000 |
| CONTACTOR.REVERSE-CURRENT | ELECTRICAL-POWER.331C/373C | AIR | 240P | | | | 66 | 2360 | 44688000 |
| CONTACTOR-BUS-TIE | ELECTRICAL-POWER.880 | AIR | 80P | | | | 65 | 2365 | 44690000 |
| CONTACTOR-GENERAL-LINE-BUS-TIE | ELECTRICAL-POWER.880 | AIR | 50P | | | | 65 | 2363 | 44692000 |
| CONTACTOR-GENERAL-LINE-BUS-TIE | ELECTRICAL-POWER.880 | AIR | 110P | | | | 66 | 2363 | 44694000 |
| CONTACTORS | EMERGENCY-GENERATOR | AIR | * | 615.668 | 41 | .00374 | 63 | 1132 | 44696000 |
| CONTACTORS | | GRD | * | 1157.08 | | .00177 | 64 | 1100 | 44698000 |
| CONTACTORS | AC/LOAD-POWER-CONTROL | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 44700000 |
| CONTACTORS | DC-POWER-SUPPLY | AIR | * | 615.668 | 41 | .00374 | 63 | 1132 | 44702000 |
| CONTACTORS | LOAD-MONITOR.AC-POWER-CONTROL | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 44704000 |

PART CLASS CONTACTS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| CONTACTORS | | GRD | .0009450 | .0011550 | | 46554C | 62 | 2204 | 44706000 |
| CONTACTORS | | GRD | .0249020 | .0318050 | | 1204.7C | 62 | 2204 | 44708000 |
| CONTACTORS | | LAB | .1903250 | .2820230 | | 63.0C | 62 | 2204 | 44710000 |
| CONTACTORS | (PER-CONTACT-SET) | LAB | .25 | | | | 63 | 1138 | 44712000 |
| CONTACTORS | AC-POWER-SUPPLY | AIR | .859328 | 3.34252 | 1000 | 1.1637 | 65 | 1198 | 44714000 |
| CONTACTORS | | GRD | 1.01305 | 1.7035 | 913 | 6.9098 | 64 | 1210 | 44716000 |
| CONTACTORS | AC-POWER-SUPPLY | AIR | 3.15184 | 6.29859 | 500 | 1.2691 | 65 | 1198 | 44718000 |
| CONTACTORS | AC-POWER-SUPPLY | AIR | 3.40136 | 7.5746 | 1020 | .882 | 63 | 1114 | 44720000 |
| CONTACTORS | AC-POWER-SUPPLY | AIR | 8.84642 | 19.7004 | 200 | .33912 | 63 | 1198 | 44722000 |
| CONTACTORS | AC-POWER-SUPPLY | AIR | 10.0334 | 22.[illegible]38 | 200 | .299 | 63 | 1114 | 44724000 |
| CONTACTORS | MAIN-AC-POWER-SUPPLY | AIR | 26.5392 | 41.8907 | 200 | .33912 | 63 | 1198 | 44726000 |
| CONTACTORS | [illegible]N-AC-POWER-SUPPLY | AIR | 26.7558 | 43.4605 | 200 | .299 | 63 | 1114 | 44728000 |
| CONTACTORS | TELEBUS/GENERATOR-AC-POWER-CONTROL | AIR | 30.3398 | 67.3647 | 192 | .09888 | 65 | 1227 | 44730000 |
| CONTACTORS | BUS-AC-POWER-SUPPLY-SYSTEM | AIR | 196.902 | 240.124 | 946 | .22834 | 65 | 1228 | 44732000 |
| CONTACTORS | BUS-AC-POWER-SUPPLY-SYSTEM | AIR | 353.639 | 418.446 | 812 | .17532 | 64 | 1179 | 44734000 |
| CONTACTORS,MAGNETIC | | LAB | .0073720 | .0286750 | | 135.65C | 62 | 2204 | 44736000 |
| CONTACTORS,MAGNETIC | | LAB | .0083240 | .0166340 | | 480.56C | 62 | 2204 | 44738000 |
| CONTACTORS,MAGNETIC | | LAB | .0227380 | .0431770 | | 219.9C | 62 | 2204 | 44740000 |
| CONTACTORS,MAGNETIC | | | .0402860 | .0554080 | | 446.80C | 62 | 2204 | 44742000 |
| CONTACTORS,MAGNETIC | | LAB | .1212120 | .3225640 | | 16.5C | 62 | 2204 | 44744000 |
| CONTACTORS,MAGNETIC | | LAB | .1[illegible]67C | .179850 | | 118.39C | 62 | 2204 | 44746000 |
| CONTACTORS,MAGNETIC | | | .1[illegible]72930 | .2089540 | | 101.90C | 62 | 2204 | 44748000 |
| CONTACTOR,MAGNETIC | | LAB | .1738220 | .246740 | | 86.295C | 63 | 2204 | 44750000 |
| CONTACTORS,RELAY | SWITCHING-SET | LAB | .25 | | | | 63 | 1138 | 44752000 |
| CONTACTORS,REVERSE-CURRENT | ELECTRICAL-POWER.707-331B | AIR | 30 | | | | 66 | 2361 | 44754000 |
| CONTACTORS,REVERSE-CURRENT | ELECTRICAL-POWER.707-331 | AIR | 60P | | | | 66 | 2364 | 44756000 |
| CONTACTORS,REVERSE-CURRENT | ELECTRICAL-POWER.707-331 | AIR | 80P | | | | 66 | 2364 | 44758000 |
| CONTACTORS,REVERSE-CURRENT | ELECTRICAL-POWER.707-331 | AIR | 140P | | | | 65 | 2354 | 44760000 |
| CONTACTORS,REVERSE-CURRENT | ELECTRICAL POWER.707-331B | AIR | 170P | | | | 65 | 2361 | 44762000 |
| CONTROL | AUXILIARY-VENT.AIR-CONDITION. FLIGHT-DECK | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 44764000 |
| CONTROL | AUXILIARY-VENT.AIR-CONDITION. FLIGHT-DECK | AIR | * | 27.1597 | 50 | .08478 | 63 | 1198 | 44766000 |
| CONTROL | CABIN-PRESSURE-PUMP.AIR-CONDITION | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 44768000 |
| CONTROL | DEPRESSURIZATION.EMERGENCY.AIR-CONDITION | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 44770000 |
| CONTROL | DIMMER.INTERIOR-LIGHTING | AIR | * | 5.47925 | 816 | .42024 | 65 | 1227 | 44772000 |
| CONTROL | ELECTRICAL-COOLING-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 44774000 |
| CONTROL | AC-POWER | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 44776000 |
| CONTROL | STATIC-HEAD.PITOT STATIC-SYSTEM | AIR | * | 23.2866 | 192 | .09888 | 65 | 1227 | 44778000 |
| CONTROL | PITCH.ANGLE-ATTACK-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 44780000 |
| CONTROL | FUEL-SHUTOFF-AUXILIARY-POWER-UNIT | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 44782000 |
| CONTROL | REVERSE-CURRENT-ISOLATION.DC-POWER | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 44784000 |
| CONTROL | UHF-U-H-SYSTEM.AN/ARA-25 | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 44786000 |
| CONTROL | MAIN.REVERSE-CURRENT.DC-POWER | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 44788000 |

SECTION I FAILURE RATE DATA

PART CLASS RELAYS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR 90 RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| CONTROL | OVERHEAT.AIR-CONDITION-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 44790000 |
| CONTROL | ALTERNATE-POWER.THRUST-RECEIVER | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 44792000 |
| CONTROL | OVERHEAT-DETECTION.BLEED-AIR-WING.PYLON.AC | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 44794000 |
| CONTROL | NAVIGATION-BUS.AC-POWER | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 44796000 |
| CONTROL | MOTOR.GROUND-FAULT.HYDRAULIC-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 44798000 |
| CONTROL | GENERATOR.EMERGENCY-POWER | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 44800000 |
| CONTROL | OVERHEAT.BLEED-AIR-DETECTION.AUXILIARY-POWER-UNIT.CARGO | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 44802000 |
| CONTROL | LOW-LEVEL.AIR-CONDITION-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 44804000 |
| CONTROL | BLEED-AIR-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 44806000 |
| CONTROL | UHF-[illegible]-SYSTEM.AN/ARA-25 | AIR | * | 27.1597 | 50 | .08476 | 63 | 1198 | 44808000 |
| CONTROL | EMPENNAGE-DE-ICE-SYSTEM | AIR | * | 5.8217 | 768 | .39552 | 65 | 1227 | 44810000 |
| CONTROL | BATTERY.DC-POWER | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 44812000 |
| CONTROL | PUMP.SUCTION-BOOST.HYDRAULIC-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 44814000 |
| CONTROL | WINCH-RETRIEVAL.AIR-DROP-SYSTEM | AIR | * | 23.2868 | 192 | .09888 | 65 | 1227 | 44816000 |
| CONTROL | SERVO.AUTOPILOT-JUNCTION-BOX | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 44818000 |
| CONTROL | SERVO.AUTOPILOT-JUNCTION-BOX | AIR | * | 19.7866 | 100 | .11637 | 65 | 1198 | 44820000 |
| CONTROL | MOTOR.STALL-WARNING-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 44822000 |
| CONTROL | UHF-[illegible]-SYSTEM.AN/ARA-25 | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 44824000 |
| CONTROL | EMERGENCY-BUS.AC-POWER | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 44826000 |
| CONTROL | ISOLATED-BUS.AC-POWER | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 44828000 |
| CONTROL | AIR-CONDITION-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 44830000 |
| CONTROL | AUXILIARY-VENT.AIR-CONDITION.FLIGHT-DECK | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 44832000 |
| CONTROL | A-FRAME.AIR-DROP-SYSTEM | AIR | * | 23.2868 | 192 | .09888 | 65 | 1227 | 44834000 |
| CONTROL | ALTERNATE.POWER-THRUST-RECEIVER | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 44836000 |
| CONTROL | STATIC-HEAD.PITOT-STATIC-SYSTEM | AIR | * | 13.9979 | 304 | .1645 | 66 | 1250 | 44838000 |
| CONTROL | MOTOR-GROUND-FAULT.HYDRAULIC-SYSTEM | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 44840000 |
| CONTROL | A-FRAME.AIR-DROP-SYSTEM | AIR | * | 13.9979 | 304 | .1645 | 66 | 1250 | 44842000 |
| CONTROL | INTERIOR-LIGHTING | AIR | * | 3.99895 | 1064 | .5758 | 66 | 1250 | 44844000 |
| CONTROL | CABIN-PRESSURE-PUMP.AIR-CONDITION | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 44846000 |
| CONTROL | WINCH-RETRIEVAL.AIR-DROP-SYSTEM | AIR | * | 13.9979 | 304 | .1645 | 66 | 1250 | 44848000 |
| CONTROL | ELECTRICAL-COOLING-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 44850000A |
| CONTROL | BUS-OFF-INDICATOR.DC-POWER-DISTRIBUTION | AIR | * | 18.6596 | 228 | .1234 | 66 | 1250 | 44852000A |
| CONTROL | DC-POWER | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 44854000 |
| CONTROL | DIMMER.INTERIOR-LIGHTING | AIR | * | 3.29519 | 1292 | .6992 | 66 | 1250 | 44856000 |
| CONTROL | OVERHEAT.BLEED-AIR-DETECTION AUXILIARY-POWER-UNIT.CARGO | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 44858000 |
| CONTROL | HEATER.PITOT-STATIC-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 44860000 |
| CONTROL | FUEL-SHUTOFF.AUXILIARY-POWER-UNIT | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 44862000 |
| CONTROL | NAVIGATION-BUS.AC-POWER | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 44864000A |
| CONTROL | OVERHEAT-DETECTION.BLEED-AIR.WING.PYLON.AC | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 44866000 |

PART CLASS 60T RELAYS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF APPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| CONTROL | LOW-LIMIT.AIR-CONDITION-SYSTEM | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 44868000 |
| CONTROL | OVERHEAT.AIR-CONDITION-SYSTEM | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 44870000 |
| CONTROL | ISOLATED-BUS.AC-POWER | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 44872000 |
| CONTROL | FUEL-SYSTEM | AIR | 1.27959 | 4.97722 | 1444 | .7815 | 66 | 1250 | 44874000 |
| CONTROL | FUEL-SYSTEM | AIR | 2.1291 | 8.28159 | 912 | .46968 | 65 | 1227 | 44876000 |
| CONTROL | EMPENNAGE-DE-ICE-SYSTEM | AIR | 3.03951 | 8.0886 | 1216 | .6578 | 66 | 1250 | 44878000A |
| CONTROL | | GRD | 3.17611 | 8.34711 | 156 | 1.2594 | 65 | 1216 | 44880000 |
| CONTROL | FUEL-SYSTEM | AIR | 4.42327 | 9.85034 | 400 | .67823 | 63 | 1198 | 44882000 |
| CONTROL | FUEL-SYSTEM | AIR | 5.00834 | 11.1532 | 400 | .5579 | 63 | 1114 | 44884000 |
| CONTROL | INTERIOR-LIGHTING | AIR | 5.77901 | 15.3788 | 672 | .34608 | 65 | 1227 | 44886000 |
| CONTROL | AIR-CONDITION-SYSTEM | AIR | 12.1565 | 47.2854 | 152 | .08226 | 66 | 1250 | 44888000 |
| CONTROL | PUMP.SUCTION-BOOST.HYDRAULIC-SYSTEM | AIR | 12.1565 | 47.2854 | 152 | .08226 | 66 | 1250 | 44890000 |
| CONTROL | BUS-OFF-INDICATOR.DC-POWER-DISTRIBUTION | AIR | 13.4843 | 52.4501 | 144 | .07416 | 65 | 1227 | 44892000 |
| CONTROL | EMERGENCY-LIGHT-SYSTEM | AIR | 13.4843 | 52.4501 | 144 | .07416 | 65 | 1227 | 44894000 |
| CONTROL | LIGHTING-SYSTEM | AIR | 15.7593 | 22.6974 | 350 | .06836 | 65 | 1198 | 44896000 |
| CONTROL | EMERGENCY-LIGHT-SYSTEM | AIR | 16.2074 | 43.1304 | 228 | .1234 | 66 | 1250 | 44898000A |
| CONTROL | LIGHTING-SYSTEM | AIR | 17.1843 | 45.736 | 100 | .11637 | 65 | 1198 | 44900000 |
| CONTROL | LIGHTING-SYSTEM | AIR | 17.7993 | 26.8578 | 714 | .618 | 63 | 1114 | 44902000 |
| CONTROL | VALVE.PRESSURE-REGULATOR.AIR-CONDITION | AIR | 20.2265 | 78.6751 | 96 | .04944 | 65 | 1227 | 44904000 |
| CONTROL | STALL-WARNING-SYSTEM | AIR | 20.2265 | 53.8258 | 192 | .09888 | 65 | 1227 | 44906000 |
| CONTROL | PUMP.NO-3-HYDRAULIC-SYSTEM | AIR | 20.2265 | 78.6751 | 96 | .04944 | 65 | 1227 | 44908000 |
| CONTROL | FUEL-SYSTEM | AIR | 22.7272 | 60.4606 | 102 | .088 | 63 | 1114 | 44910000 |
| CONTROL | SERVO.AUTOPILOT-JUNCTION-BOX | AIR | 23.5904 | 62.7773 | 96 | .08478 | 63 | 1198 | 44912000 |
| CONTROL | PUMP.NO-3-HYDRAULIC-SYSTEM | AIR | 24.3131 | 64.7009 | 152 | .08226 | 66 | 1250 | 44914000A |
| CONTROL | VALVE.PRESSURE-REG.AIR-CONDITION | AIR | 24.3131 | 64.7009 | 152 | .08226 | 66 | 1250 | 44916000 |
| CONTROL | EMERGENCY-BUS.AC-POWER | AIR | 24.3131 | 94.5708 | 76 | .04113 | 66 | 1250 | 44918000 |
| CONTROL | REVERSE-CURRENT-ISOL.DC-POWER | AIR | 24.3131 | 94.5708 | 76 | .04113 | 66 | 1250 | 44920000A |
| CONTROL | BATTERY.DC-POWER | AIR | 24.3131 | 94.5708 | 76 | .04113 | 66 | 1250 | 44922000A |
| CONTROL | STALL-WARNING-SYSTEM | AIR | 24.3761 | 48.569 | 304 | .1645 | 66 | 1250 | 44924000 |
| CONTROL | SERVO.AUTOPILOT-JUNCTION-BOX | AIR | 26.6666 | 70.954 | 50 | .075 | 63 | 1114 | 44926000 |
| CONTROL | DC-POWER-SUPPLY | AIR | 27.9291 | 74.313 | 184 | .07162 | 63 | 1511 | 44928000 |
| CONTROL | ESS-BUS.AC-POWER | AIR | 30.3951 | 56.3811 | 304 | .1645 | 66 | 1250 | 44930000 |
| CONTROL | FUEL-SYSTEM | AIR | 31.5183 | 82.9859 | 50 | .12691 | 65 | 1198 | 44932000 |
| CONTROL | OVERHEAT.RAIN-REMOVAL-SYSTEM | AIR | 40.453 | 107.651 | 96 | .04944 | 65 | 1227 | 44934000 |
| CONTROL | HEATER.PITOT-STATIC-SYSTEM | AIR | 40.453 | 157.35 | 48 | .02472 | 65 | 1227 | 44936000 |
| CONTROL | ELECTRONIC-COOLING-SYSTEM | AIR | 40.453 | 157.35 | 48 | .02472 | 65 | 1227 | 44938000 |
| CONTROL | ELECTRONIC-COOLING-SYSTEM | AIR | 48.6263 | 129.401 | 76 | .04113 | 66 | 1250 | 44940000A |
| CONTROL | OVERHEAT.RAIN-REMOVAL-SYSTEM | AIR | 48.6263 | 97.1742 | 152 | .08226 | 66 | 1250 | 44942000 |
| CONTROL | MAIN.REVERSE-CURRENT.DC-POWER | AIR | 48.6263 | 97.1742 | 152 | .08226 | 66 | 1250 | 44944000A |
| CONTROL | ESS-BUS.AC-POWER | AIR | 60.6796 | 106.513 | 192 | .09888 | 65 | 1227 | 44946000 |
| CONTROL | BLEED-AIR-SYSTEM | AIR | 60.7628 | 112.748 | 152 | .08226 | 66 | 1250 | 44948000 |
| CONTROL | LIGHTING-SYSTEM | AIR | 66.6666 | 259.313 | 68 | .015 | 63 | 1114 | 44950000 |
| CONTROL | FUEL-SYSTEM | AIR | 66.6666 | 259.313 | 68 | .015 | 63 | 1114 | 44952000 |

PART CLASS 601 RELAYS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.S.C. | | | | | | | | | |
| CONTROL | GENERATOR-EMERGENCY-POWER | AIR | 72.9394 | 162.631 | 76 | .04113 | 66 | 1250 | 44954000 |
| CONTROL | BOMB-NAVIGATION-SYSTEM | AIR | 83.752 | 325.77 | 31 | .01194 | 63 | 1111 | 44956000 |
| CONTROL | ENGINE-FIRE-WARNING | AIR | 85.5578 | 121.448 | 812 | .17532 | 64 | 1179 | 44958000 |
| CONTROL | ENGINE-FIRE-WARNING | AIR | 87.512 | 118.318 | 946 | .22854 | 65 | 1228 | 44960000 |
| CONTROL | LIGHTING-SYSTEM | AIR | 117.992 | 181.725 | 50 | .08475 | 63 | 1198 | 44962000 |
| CONTROL | LIGHTING-SYSTEM | AIR | 120 | 189.413 | 50 | .075 | 63 | 1114 | 44964000 |
| CONTROL | AC-POWER | AIR | 121.565 | 225.497 | 76 | .04113 | 66 | 1250 | 44966000 |
| CONTROL | FUEL-SYSTEM | AIR | 154.679 | 212.737 | 100 | .11837 | 65 | 1198 | 44968000 |
| CONTROL | ENGINE-FIRE-WARNING | AIR | 170.894 | 188.566 | 1194 | 1.0354 | 67 | 1172 | 44970000 |
| CONTROL, 2-NORMALLY-OPEN-CONTACTS | | LAB | 2.06654 | 4.12975 | | 1.9356 | 64 | 2282 | 44972000 |
| CONTROL,DE-POWER | | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 44974000 |
| CONTROL,HEAT | TV-CAMERA-COMPARTMENT,ANTI/DE-ICE | AIR | * | 27.1597 | 50 | .08478 | 63 | 1198 | 44976000 |
| CONTROL,HEAT,HI/NORMAL | WINDSHIELD-DE-ICE | AIR | 20.2265 | 45.0431 | 288 | .14832 | 65 | 1227 | 44978000 |
| CONTROL,HEAT,HI/NORMAL | WINDSHIELD-DE-ICE | AIR | 81.0372 | 215.653 | 456 | .02468 | 66 | 1250 | 44980000 |
| CONTROL,HIGH-OIL-TEMPERATURE | AUXILIARY-POWER-UNIT | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 44982000 |
| CONTROL,HIGH-OIL-TEMPERATURE | AUXILIARY-POWER-UNIT | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 44984000A |
| CRYSTAL-CAN | (STORAGE) | | * | 2.18008 | | 1.0362 | 66 | 2520 | 44986000A |
| CRYSTAL-CAN | (STORAGE) | | * | .232229 | | 9.8192 | 66 | 2520 | 44988000A |
| CRYSTAL-CAN | (STORAGE) | | * | 2.26455 | | 1.0168 | 66 | 2510 | 44990000A |
| CRYSTAL-CAN | (STORAGE) | | * | .866388 | | 2.6577 | 66 | 2515 | 44992000A |
| CRYSTAL-CAN | (STORAGE) | | * | .082613 | | 27.872 | 66 | 2515 | 44994000A |
| CRYSTAL-CAN | (STORAGE) | | * | 31.6291 | | .0728 | 66 | 2519 | 44996000A |
| CRYSTAL-CAN | (STORAGE) | | * | 2.61897 | | .8752 | 66 | 2514 | 44998000A |
| CRYSTAL-CAN | (STORAGE) | | .05 | | | | 66 | 2515 | 45000000 |
| CRYSTAL-CAN,AC | | LAB | 1.96785 | 2.91596 | 1763 | 6.098 | 65 | 1167 | 45002000 |
| CRYSTAL-CAN,HALF-SIZE | | LAB | * | .5233180 | 1 | 4.4C | 63 | 1273 | 45004000A |
| CRYSTAL-CAN,HALF-SIZE | | LAB | * | .5233180 | 1 | 4.4C | 63 | 1273 | 45006000A |
| CRYSTAL-CAN,HALF-SIZE | | LAB | * | .2616390 | 2 | 8.8C | 63 | 1273 | 45008000A |
| CRYSTAL-CAN,HALF-SIZE | | LAB | * | .5233180 | 2 | 4.4C | 63 | 1273 | 45010000A |
| CRYSTAL-CAN,HALF-SIZE | | LAB | * | .2616590 | 2 | 8.6C | 63 | 1273 | 45012000A |
| CRYSTAL-CAN,HALF-SIZE | | LAB | .012A | | | | 63 | 1138 | 45014000 |
| CRYSTAL-CAN,HALF-SIZE | | LAB | .199960 | .7777840 | 2 | 5.001C | 63 | 1273 | 45016000A |
| CRYSTAL-CAN,HALF-SIZE | | LAB | .227273C | .8840230 | 1 | 4.4C | 63 | 1273 | 45018000A |
| CRYSTAL-CAN,HALF-SIZE | | LAB | .257931C | 1.003270 | 1 | 3.877C | 63 | 1273 | 45020000A |
| CRYSTAL-CAN,HALF-SIZE | | LAB | 1.86390 | 6.548310 | 1 | .594C | 63 | 1273 | 45022000A |
| CRYSTAL-CAN,HALF-SIZE | | LAB | 3.968250 | 10.56010 | 2 | .304C | 63 | 1273 | 45024000A |
| CURRENT | | AIR | 147.388 | 211.873 | | .095 | 63 | 2125 | 45026000 |
| CURRENT-SENSING | ELECTRICAL-COOLING-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 45028000 |
| CURRENT-SENSING | ELECTRONIC-COOLING-SYSTEM | AIR | 20.2265 | 78.6731 | 96 | .04944 | 65 | 1227 | 45030000 |
| CURRENT-SENSING | ELECTRICAL-COOLING-SYSTEM | AIR | 36.4697 | 81.2136 | 152 | .08226 | 66 | 1250 | 45032000 |
| CURRENT-SENSING | ELECTRONIC-COOLING-SYSTEM | AIR | 133.732 | 201.776 | 152 | .08226 | 66 | 1299 | 45034000 |
| CURRENT-SENSITIVE | | GRD | .723746 | 1.92599 | 456 | 2.7684 | 64 | 1210 | 45036000 |

| PART CLASS / PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF DATA | DATA RPT SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .DOT M.C.C. | | | | | | | | | |
| CUTOFF.AC | AUTOPILOT-JUNCTION-BOX | AIR | * | 19.7868 | 188 | .13437 | 63 | 1198 | 48030000 |
| CUTOFF.AC | AUTOPILOT-JUNCTION-BOX | AIR | * | 27.1597 | 90 | .09478 | 63 | 1198 | 48040000 |
| CUTOFF.AC | AUTOPILOT-JUNCTION-BOX | AIR | 7.8796 | 30.6492 | 50 | .12681 | 63 | 1198 | 48042000 |
| CUTOFF.AC | AUTOPILOT-JUNCTION-BOX | AIR | 11.3636 | 44.2851 | 102 | .888 | 63 | 1184 | 48044000 |
| CUTOFF.OVERHEAT | BLEED-AIR-DETECTION.AUXILIARY-POWER-UNIT.CARGO | AIR | * | 13.9575 | 304 | .1645 | 66 | 1258 | 45046000 |
| CUTOFF.OVERHEAT | BLEED-AIR-DETECTION. AUXILIARY-POWER-UNIT.CARGO | AIR | * | 23.2468 | 192 | .09868 | 65 | 1227 | 48046000 |
| DC | COMMAND-RADIO.ARC-54 | AIR | * | 96.4641 | 62 | .02387 | 63 | 1111 | 45050000 |
| DC | IGNITION-SYSTEM | AIR | * | 24.1609 | 248 | .0955 | 63 | 1111 | 48052000 |
| DC | JAMMING.OMNI-DIRECTIONAL-RADIO.ARN14 | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 48054000 |
| DC | CHAFF-DISPENSIVE-SET.ALE-1 | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 45056000 |
| DC | GYRO-POWER-SWITCH.FLIGHT-INSTRUMENT | AIR | * | 96.4641 | 62 | .02387 | 63 | 1111 | 45058000 |
| DC | GYRO-POWER-CONTROL.FLIGHT-INSTRUMENT | AIR | * | 64.3094 | 93 | .03581 | 63 | 1111 | 45060000 |
| DC | ENGINE-STARTING-SYSTEM | AIR | 5.2356 | 20.3449 | 496 | .191 | 63 | 1111 | 45062000 |
| DC | CAMERA | AIR | 41.8935 | 162.953 | 62 | .02387 | 63 | 1111 | 48064000 |
| DC | CAMERA-DOOR | AIR | 41.8935 | 162.953 | 62 | .02387 | 63 | 1111 | 45066000 |
| DC | CAMERA-VACUUM | AIR | 83.752 | 325.77 | 31 | .01194 | 63 | 1111 | 48068000 |
| DC | BOMB-DOOR.BOMB-NAVIGATION-SYSTEM | AIR | 187.504 | 445.753 | 31 | .01194 | 63 | 1111 | 48070000 |
| DC. | REFUELING-SYSTEM | AIR | * | 32.1502 | 186 | .07162 | 63 | 1111 | 45072000 |
| DC. | TACAN-RADIO.ARN21B | AIR | * | 64.3004 | 93 | .03581 | 63 | 1111 | 48074000 |
| DC. | SQUAT-SWITCH.MAIN-LANDING-GEAR | AIR | * | 48.2219 | 124 | .04775 | 63 | 1111 | 45076000 |
| DC. | SAFETY-SWITCH.TIP-PROTECTION-GEAR | AIR | * | 96.4641 | 62 | .02387 | 63 | 1111 | 45078000 |
| DC. | WATER-INJECTION-SYSTEM | AIR | * | 21.4334 | 279 | .10743 | 63 | 1111 | 48080000 |
| DC. | POWER-WARNING.STALL-WARNING-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 45082000 |
| DC. | POWER.STALL-WARNING-SYSTEM | AIR | 20.2263 | 78.6791 | 96 | .04944 | 65 | 1227 | 45084000 |
| DC. | RECEIVING-SET.APR-9 | AIR | 20.9424 | 81.4596 | 124 | .04775 | 63 | 1111 | 48086000 |
| DC.CONTROL | MASTER-WARNING.PRESSURE-SYSTEM | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 45088000 |
| DC.CONTROL | MAIN-LANDING-GEAR | AIR | * | 48.2219 | 124 | .04775 | 63 | 1111 | 45090000 |
| DC.CONTROL | RECEIVING-SET.APR-9 | AIR | 83.7871 | 222.97 | 62 | .02387 | 63 | 1111 | 45092000 |
| DC.LATCHING.MAGNETIC | | GRD | 47.1884 | 74.3769 | 1149 | .191 | 61 | 8077 | 45094000 |
| DC.POWER | STALL-WARNING-SYSTEM | AIR | 12.1365 | 47.2854 | 152 | .08226 | 66 | 1258 | 45096000 |
| DC.24-1/2V.SOLENOID | | GRD | * | 4426.07 | | .00092 | 60 | 1180 | 45098000 |
| DC.28V | SWITCHING-BOX.MOBILE-INSPECTION-UNIT | GRD | * | 26.2853 | | .0876 | 62 | 1141 | 45100000 |
| DC.30V.2A.SPDT.SENSITIVE. RUMEPS-2092704 | (28VDC.50MA) | LAB | * | 1.9350eC | 10 | 1.5C | 65 | 1185 | 45102000a |
| DC-ESS-BUS-MONITOR | ELECTRICAL-POWER.880 | AIR | 40P | | | | 66 | 2363 | 45104000 |
| DC-ESS-BUS-MONITOR | ELECTRICAL-POWER.880 | AIR | 40P | | | | 66 | 2363 | 45106000 |
| DC-POWER-CONTROL | | SHP | 2.55 | | | | 62 | 2240 | 45108000 |
| DC-SOLENOID | ELECTRICAL-POWER.880 | AIR | 70P | | | | 66 | 2360 | 45110000 |
| DC-SOLENOID | ELECTRICAL-POWER.880 | AIR | 60P | | | | 66 | 2365 | 45112000 |
| DC-SOLENOID | ELECTRICAL-POWER.880 | AIR | 80P | | | | 65 | 2360 | 45114000 |
| DC-SOLENOID | ELECTRICAL-POWER.880 | AIR | 90P | | | | 65 | 2365 | 45116000 |
| DC-SOLENOID | ELECTRICAL-POWER.880 | AIR | 150P | | | | 66 | 2363 | 45118000 |
| DC-SOLENOID | ELECTRICAL-POWER.880 | AIR | 170P | | | | 66 | 2363 | 45120000 |

PART CLASS 601 RELAYS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR RPT | SF DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| DC-SOLENOID | ELECTRICAL-POWER.88C | AIR | 230P | | | | 66 | 2360 | 45122000 |
| DC-SOLENOID | ELECTRICAL-POWER.88D | AIR | 230P | | | | 66 | 2365 | 45124000 |
| DC-SOLENOID | ELECTRICAL-POWER.88D | AIR | 560P | | | | 65 | 2365 | 45126000 |
| DIGITAL-OUTPUT-PHASE-CHANGE | COMPUTER | AIR | 5243.44 | 7538.57 | 36 | .00267 | 66 | 1256 | 45128000A |
| DPDT | | | 7.06C | | | | 63 | 2212 | 45130000 |
| DPDT.AC.CONTROL.EXTERIOR | | AIR | 18.018 | | 640 | .111 | 62 | 1080 | 45132000A |
| DPDT.ARMATURE | | AIR GND | 75.7614 | 107.542 | 3996 | .19799 | 65 | 1188 | 45134000 |
| DPDT.ARMATURE.TYPE | | GRD | 1.81644 | 3.62996 | 351 | 2.2021 | 65 | 1205 | 45136000A |
| DPDT.GENERAL-PURPOSE | | GRD | * | 6.73984 | 60 | .54164 | 65 | 1205 | 45138000A |
| DPDT.LOW-VOLTAGE | | SUB | 1242.23 | 2482.46 | 9 | .00322 | 64 | 1161 | 45140000 |
| DPDT.LOW-VOLTAGE | | SUB | 3081.23 | 4106.47 | 30 | .00714 | 65 | 1246 | 45142000 |
| DPDT.LOW-VOLTAGE | | SUB | 3703.7 | 5324.86 | 5 | .00378 | 65 | 1246 | 45144000 |
| DPDT.LOW-VOLTAGE | | SUB | 4666.66 | 6709.33 | 5 | .003 | 64 | 1161 | 45146000 |
| DPDT.MICROMINIATURE | (*1/100000CYCLES) | LAB | 5 | | | | 61 | 1086 | 45148000 |
| DPDT.MICROMINIATURE | (*1C/100000CYCLES) | LAB | 5C | | | | 61 | 1086 | 45150000 |
| DPDT.MINIATURE | | SUB | 857.993 | 1037.45 | 240 | .05711 | 65 | 1246 | 45152000 |
| DPDT.MINIATURE | | SUB | 1439.68 | 1793.11 | 72 | .0257 | 64 | 1161 | 45154000A |
| DPDT.ROTARY-ACTION | | AIR GND | 40.3169 | 52.4684 | 16500 | .64489 | 65 | 1188 | 45156000 |
| DPDT.SENSITIVE | | AIR GND | 62.3052 | 242.348 | 324 | .01505 | 65 | 1188 | 45158000 |
| DPDT.SENSITIVE | | AIR GND | 155.086 | 287.676 | 825 | .03224 | 65 | 1188 | 45160000 |
| DPDT.SUBMINIATURE. COMMUTATOR | | SUB | 1550.09 | 1793.35 | 70 | .0529 | 65 | 1246 | 45162000 |
| DPDT.SUBMINIATURE. COMMUTATOR | | SUB | 1992.38 | 2258.77 | 70 | .042 | 64 | 1161 | 45164000A |
| DPDT.TELEPHONE-TYPE | | GRD | .729463 | .385855 | 4358 | 30.506 | 65 | 1205 | 45166000A |
| DPDT.1/2-SIZE-CRYSTAL-CAN | | GRD | 21.2765 | 82.7595 | | .047 | 66 | 1232 | 45168000A |
| DPDT.10A.QUARTER-AMP-COIL | | AIR | 151.639 | 188.865 | 2240 | .244 | 61 | 1080 | 45170000 |
| DPDT.10A-AC | | AIR | 18.018 | 47.9486 | 640 | .111 | 61 | 1080 | 45172000A |
| DPDT.115V.60C | | LAB | .001818 | .002172 | | 12978 | 62 | 2212 | 45174000 |
| DPDT.1250V-CONTACTS | | GRD | 62.5 | | | .032 | 66 | 1232 | 45176000A |
| DPDT.5A-15A-COIL | | AIR | 29.8013 | 40.9872 | 11520 | .604 | 61 | 1080 | 45178000A |
| DPST.DC.50A.BUS-TIE | | AIR | * | 32.8942 | 640 | .07 | 61 | 1080 | 45180000A |
| DPST.REED.MIN.ENCLOSED. CIRCUIT-BOARD.4W.150V. 1/8A-LOAD.24VDC-COIL | .(10CPS.RLC=.02.RLV=.04) | LAB | * | .088562C | 2 | 26C | 65 | 1203 | 45182000A |
| DPST.REED.MIN.ENCLOSED. CIRCUIT-BOARD.4W.150V. 1/8A-LOAD.24VDC-COIL | (10CPM.RLC/V.02/.04) | LAB | * | 11.513C | 2 | .2C | 65 | 1203 | 45184000A |
| DPST.REED.STANDARD-SIZE. ENCLOSED.CIRCUIT-BOARD. 15W.250V.1A-LOAD.24VDC- | .(10CPS.RLC/V.06/.5) | LAB | * | .088562C | 2 | 26C | 65 | 1203 | 45186000A |
| DPST.REED.STANDARD-SIZE. ENCLOSED.CIRCUIT-BOARD. 15W.250V.1A-LOAD.24VDC- | .(10CPM.RLC/V.06/.52) | LAB | * | 11.513C | 2 | .2C | 65 | 1203 | 45188000A |
| DRY.CIRCUIT | (STORAGE) | MSL | .5 | | | | 65 | 2440 | 45190000 |

SECTION I FAILURE RATE DATA

PART CLASS 661 RELAYS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.E.C. | | | | | | | | | |
| DRY-CIRCUIT | (STORAGE) | | .5 | | | | 66 | 2815 | 45192000 |
| DRY-CIRCUIT.GENERAL-PURPOSE .DPDT.750VDC.750MA. GUNEPS-2092691-14 | .(28VDC.500MA) | LAB | .0000007C | 2.593E3C | 10 | 1.9C | 69 | 1185 | 45194000A |
| DRY-CIRCUIT.GENERAL-PURPOSE .4PDT.750VDC.750MA. GUNEPS-2092687 | .(28VDC.500MA) | LAB | • | 1.93906C | 10 | 1.9C | 65 | 1185 | 45196000A |
| ENGINE-FIRE-DETECTOR | FIRE-PROTECTION.707-331 | AIR | 6200 | | | | 66 | 2362 | 45198000 |
| ENGINE-FIRE-DETECTOR | FIRE-PROTECTION.707-331 | AIR | 6200 | | | | 65 | 2362 | 45200000 |
| EXT.POWER.RDY.LT.INTL | | AIR | .51P | | | | 65 | 2990 | 45202000 |
| EXT-POWER | | AIR | .4P | | | | 65 | 2990 | 45204000 |
| EXT-POWER | ELECTRICAL-POWER.800 | AIR | 150P | | | | 66 | 2360 | 45206000 |
| EXT-POWER | ELECTRICAL-POWER.800 | AIR | 300P | | | | 66 | 2365 | 45208000 |
| EXT POWER CONTACTOR | | AIR | .1P | | | | 65 | 2990 | 45210000 |
| EXT POWER INTERLOCK | | AIR | .21P | | | | 65 | 2990 | 45212000 |
| EXTERNAL | DC-POWER-SUPPLY | AIR | • | 19.7868 | 50 | .11637 | 65 | 1198 | 45214000 |
| EXTERNAL | DC-POWER-SUPPLY | AIR | • | 27.1997 | 50 | .08478 | 63 | 1198 | 45216000 |
| EXTERNAL | DC-POWER-SUPPLY | AIR | 11.3434 | 44.2811 | 102 | .099 | 63 | 1114 | 45218000 |
| EXTERNAL | DC-POWER-SUPPLY | AIR | 15.7991 | 41.9575 | 50 | .12691 | 65 | 1198 | 45220000 |
| EXTERNAL-POWER | ELECTRICAL-POWER.707-1318 | AIR | 60P | | | | 66 | 2361 | 45222000 |
| EXTERNAL-POWER | ELECTRICAL-POWER.707-1318 | AIR | 70P | | | | 66 | 2362 | 45224000 |
| EXTERNAL-POWER | ELECTRICAL-POWER.707-1318 | AIR | 70P | | | | 65 | 2364 | 45226000 |
| EXTERNAL-POWER | ELECTRICAL-POWER | AIR | 70P | | | | 65 | 2361 | 45228000 |
| EXTERNAL-POWER | ELECTRICAL-POWER.707-3318 | AIR | 70P | | | | 66 | 2361 | 45230000 |
| EXTERNAL-POWER | ELECTRICAL-POWER.707-1318 | AIR | 70P | | | | 66 | 2364 | 45232000 |
| EXTERNAL-POWER | ELECTRICAL-POWER.800 | AIR | 80P | | | | 66 | 2363 | 45234000 |
| EXTERNAL-POWER | ELECTRICAL-POWER.707-1318 | AIR | 80P | | | | 65 | 2362 | 45236000 |
| EXTERNAL-POWER | ELECTRICAL-POWER.707-3318 | AIR | 140P | | | | 66 | 2362 | 45238000 |
| EXTERNAL-POWER | ELECTRICAL-POWER.707-1318 | AIR | 160P | | | | 66 | 2361 | 45240000 |
| FREQUENCY-SENSITIVE | | AIR | .12P | | | | 65 | 2990 | 45242000 |
| FUEL-ENRICHMENT | | AIR | .08P | | | | 65 | 2990 | 45244000 |
| FUEL-FLOWMETER | | AIR | 1435.81 | 1993.75 | | .01184 | 66 | 2132 | 45246000 |
| GENERAL | | MSL | 8.34 | | | | 57 | 2L1 | 45248000 |
| GENERAL | | AIR | 52.3 | | | | 57 | 2L1 | 45250000 |
| GENERAL | | AIR | 79.7 | | | | 57 | 2L1 | 45252000 |
| GENERAL | | MSL | 130 | | | | 57 | 2L1 | 45254000 |
| GENERAL | | AIR | 256.4 | | | | 57 | 2L1 | 45256000 |
| GENERAL-PURPOSE | | LAB | • | 69.5449 | 63 | .0331 | 66 | 1223 | 45258000A |
| GENERAL-PURPOSE | .(STRESS-RATIO=.1) | LAB | • | 164.372 | 27 | .01384 | 64 | 1154 | 45260000 |
| GENERAL-PURPOSE | .(STRESS-RATIO=.5) | LAB | • | 69.5449 | 63 | .0331 | 66 | 1223 | 45262000A |
| GENERAL-PURPOSE | | LAB | • | 164.372 | 27 | .01384 | 64 | 1154 | 45264000 |
| GENERAL-PURPOSE | | GRD | 0 | 240.8C1 | 1 | .00476 | 65 | 1199 | 45266000A |
| GENERAL-PURPOSE | .(PER-CONTACT-SET) | LAB | .25 | | | | 62 | 2240 | 45268000A |
| GENERAL-PURPOSE | | LAB | .25 | | | | 63 | 1198 | 45270000 |
| GENERAL-PURPOSE | | GEN | .945 | | | | 61 | 1079 | 45272000 |

PART CLASS 601 RELAYS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF APP | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| GENERAL-PURPOSE | | GEN | 2.53807 | 5.45211 | | 1.102 | 62 | 1078 | 45274900 |
| GENERAL-PURPOSE | | GRD | 4 | | | | 63 | 1098 | 45276600 |
| GENERAL-PURPOSE | .(0-100-ACTUATIONS/HR) | GRD | 6A | | | | 65 | 1251 | 45278500 |
| GENERAL-PURPOSE | .(101-200-ACTUATIONS/HR) | GRD | 9A | | | | 65 | 1251 | 45280000 |
| GENERAL-PURPOSE | .(201-300-ACTUATIONS/HR) | GRD | 12A | | | | 65 | 1251 | 45282500 |
| GENERAL-PURPOSE | | AIR | 12 | | | | 61 | 1068 | 45284500 |
| GENERAL-PURPOSE. AC-POWER-SYSTEM | | AIR | * | 48.2319 | 124 | .04779 | 63 | 1111 | 45284000 |
| GENERAL-PURPOSE.DPDT.26-1/2VDC.1-1/2A.BUWEPS-2052903 | .(135VDC.125MA) | LAB | * | 1.53506C | 10 | 1.5C | 65 | 1185 | 45288000A |
| GENERAL-PURPOSE.DPDT.26-1/2VDC.2A.BUWEPS-2052691-3 | .(115VAC.100MA) | LAB | * | 15.3506C | 10 | .15C | 65 | 1185 | 45290000A |
| GENERAL-PURPOSE.DPDT.26-1/2VDC.2A.BUWEPS-2052691-9 | .(28VDC.500MA) | LAB | 1.53333C | 3.5482C | 10 | 1.5C | 65 | 1185 | 45292000A |
| GENERAL-PURPOSE.DPDT.26-1/2VDC.2ABUWEPS-2052782 | .(115VAC.400MA) | LAB | * | 15.3506C | 10 | .15C | 65 | 1185 | 45294000A |
| GENERAL-PURPOSE.DPDT.28VDC.2A.BUWEPS-2052692-13 | .(115VAC.1A) | LAB | * | 15.3506C | 10 | .15C | 65 | 1185 | 45296000A |
| GENERAL-PURPOSE.DIL-R-5757 | | SIM AIR | * | 54.0238 | 660 | .042 | 64 | 1139 | 45298000 |
| GENERAL-PURPOSE.6PDT.26-1/2VDC.2A.BUWEPS-2052706 | .(115VAC.400MA) | LAB | * | 15.3506C | 10 | .15C | 65 | 1185 | 45300000A |
| GENERATOR/BUS-TIE | ELECTRICAL-SYSTEM | AIR | 56.4274 | 65.3719 | 660 | 2.2684 | 65 | 1196 | 45302000 |
| GLASS.REED.ULTRA-MINIATURE. 12VDC | (60CPS.RESISTIVE-LOAD) | LAB | .0009088 | .0011328 | 108 | 5900C | U | 2430 | 45304000A |
| GLASS-REED.MICRO-MINIATURE. 0.5AMP | (60CPS.RESISTIVE-LOAD.12VDC) | LAB | .0004028 | .0040718 | 150 | 4970C | U | 2430 | 45306000A |
| GLASS-REED.MICRO-MINIATURE. 0.5AMP | (60CPS.RESISTIVE-LOAD.12VDC) | LAB | .0014428 | .0032128 | 60 | 2080C | U | 2430 | 45308000A |
| GLASS-REED.MICRO-MINIATURE. 0.5AMP | (60CPS.RESISTIVE-LOAD.8VDC) | LAB | .0603438 | .0667598 | 50 | 232C | U | 2430 | 45310000A |
| GLASS-REED.MICRO-MINIATURE. 0.5AMP | (20CPS.RESISTIVE-LOAD.8VDC) | LAB | .2074078 | .2672598 | 50 | 139C | U | 2430 | 45318000A |
| GLASS-REED.MINIATURE.0.5AMP | (100CPS.MECHANICAL-LOAD) | LAB | * | .0300598 | 12 | 2400C | U | 2430 | 45314000A |
| GLASS-REED.MINIATURE.0.5AMP | (100CPS.MECHANICAL-LOAD) | LAB | * | .0012658 | 12 | 1820C | U | 2430 | 45315000A |
| GLASS-REED.MINIATURE.0.5AMP | (60CPS.MECHANICAL-LOAD) | LAB | * | .0006448 | 36 | 3600C | U | 2430 | 45316000A |
| GLASS-REED.MINIATURE.0.5AMP | (4CPM.INDUCTIVE-LOAD.120VAC) | LAB | * | .7675338 | 10 | 3C | U | 2430 | 45320000A |
| GLASS-REED.MINIATURE.0.5AMP | (20PS.RESISTIVE-LOAD.8VDC) | LAB | * | .0191888 | 30 | 120C | U | 2430 | 45322000A |
| GLASS-REED.MINIATURE.0.5AMP | (20PS.RESISTIVE-LOAD.8VDC) | LAB | * | .0115138 | 50 | 200C | U | 2430 | 45324000A |
| GLASS-REED.MINIATURE.0.5AMP | (90PS.RESISTIVE-LOAD.8VDC) | LAB | * | .0011578 | 12 | 1900C | U | 2430 | 45326000A |
| GLASS-REED.MINIATURE.0.5AMP | 20CPS.RESISTIVE-LOAD.8VDC) | LAB | * | .0115138 | 50 | 200C | U | 2430 | 45328000A |
| GLASS-REED,MINIATURE.0.5AMP | (40CPS.RESISTIVE-LOAD.28VDC) | LAB | * | .0030708 | 19 | 715C | U | 2430 | 45330000A |

PART CLASS 681 RELAYS

| PART DESCRIPTION .00 N.E.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | % OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| GLASS-REED.MINIATURE.0.5AMP | (40CPS.RESISTIVE-LOAD.28VDC) | LAB | * | .007679C | 15 | 900C | U | 2430 | 45335000A |
| GLASS-REED.MINIATURE.0.5AMP | (12CPS.RESISTIVE-LOAD.28VDC) | LAB | * | .01599C | 12 | 144C | U | 2430 | 45334000A |
| GLASS-REED.MINIATURE.0.5AMP | (4CPM.LAMP-LOAD.24VDC) | LAB | * | .250826C | 10 | 40C | U | 2430 | 45334000A |
| GLASS-REED.MINIATURE.0.5AMP | (12CPS.RESISTIVE-LOAD.28VDC) | LAB | * | .0020093C | 12 | 1160C | U | 2430 | 45330000A |
| GLASS-REED.MINIATURE.0.5AMP | (60CPS.RESISTIVE-LOAD.6VDC) | LAB | .000375C | .001457C | 12 | 2670C | U | 2430 | 45345000A |
| GLASS-REED.MINIATURE.0.5AMP | (60CPS.RESISTIVE-LOAD.28VDC) | LAB | .000785C | .002741C | 95 | 1419C | U | 2430 | 45342000A |
| GLASS-REED.MINIATURE.0.5AMP | (12CPS.RESISTIVE-LOAD.28VDC) | LAB | .000965C | .003745C | 12 | 1036C | U | 2430 | 45344000A |
| GLASS-REED.MINIATURE.0.5AMP | (12CPS.RESISTIVE-LOAD.28VDC) | LAB | .001932C | .005142C | 12 | 1035C | U | 2430 | 45346000A |
| GLASS-REED.MINIATURE.0.5AMP | (60CPS.RESISTIVE-LOAD.12VDC) | LAB | .003103C | .034682C | 100 | 3549C | U | 2430 | 45348000A |
| GLASS-REED.MINIATURE.0.5AMP | 20CPS.RESISTIVE-LOAD.8VDC) | LAB | .004878C | .012981C | 100 | 410C | U | 2430 | 45350000A |
| GLASS-REED.MINIATURE.0.5AMP | (60CPS.INDUCTIVE-LOAD.12VDC) | LAB | .0F9245C | .0194246C | 50 | 906C | U | 2430 | 45352000A |
| GLASS-REED.MINIATURE.0.5AMP | (20PS.RESISTIVE-LOAD.8VDC) | LAB | .013667C | .044353C | 50 | 120C | U | 2430 | 45354000A |
| GLASS-REED.MINIATURE.0.5AMP | (20PS.RESISTIVE-LOAD.8VDC) | LAB | .018868C | .029864C | 100 | 550C | U | 2430 | 45356000A |
| GLASS-REED.MINIATURE.0.5AMP | 20CPS.RESISTIVE-LOAD.8VDC) | LAB | .026316C | .048814C | 50 | 190C | U | 2430 | 45358000A |
| GLASS-REED.MINIATURE.0.5AMP | (20PS.RESISTIVE-LOAD.8VDC) | LAB | .044444C | .072193C | 50 | 180C | U | 2430 | 45360000A |
| GLASS-REED.MINIATURE.0.5AMP | (20PS.RESISTIVE-LOAD.8VDC) | LAB | .064C | .089804C | 66 | 250C | U | 2430 | 45362000A |
| GLASS-REED.MINIATURE.0.5AMP | (20PS.RESISTIVE-LOAD.8VDC) | LAB | .072C | .099025C | 44 | 250C | U | 2430 | 45364000A |
| GLASS-REED.STANDARD, MERCURY-WETTED-3AMP | (15CPS.RESISTIVE-LOAD.28VDC) | LAB | * | .012115C | 12 | 1200C | U | 2430 | 45366000A |
| GLASS-REED.STANDARD. MERCURY-WETTED-3AMP | (20CPS.RESISTIVE-LOAD.28VDC) | LAB | * | .009594C | 14 | 240C | U | 2430 | 45368000A |
| GLASS-REED.STANDARD.1-AMP | (12CPS.RESISTIVE-LOAD.28VDC) | LAB | * | .001771C | 12 | 1380C | U | 2430 | 45370000A |
| GLASS-REED.STANDARD.1-AMP | (12CPS.RESISTIVE-LOAD.28VDC) | LAB | * | .004312C | 6 | 534C | U | 2430 | 45372000A |
| GLASS-REED.STANDARD.1-AMP | (60CPS.RESISTIVE-LOAD.12VDC) | LAB | * | .006396C | 10 | 360C | U | 2430 | 45374000A |
| GLASS-REED.STANDARD.1-AMP | (12CPS.RESISTIVE-LOAD.28VDC) | LAB | * | .002878C | 12 | 800C | U | 2430 | 45376000A |
| GLASS-REED.STANDARD.1-AMP | (100CPS.MECHANICAL-LOAD) | LAB | * | .000822C | 12 | 2800C | U | 2430 | 45378000A |
| GLASS-REED.STANDARD.1-AMP | (100CPS.MECHANICAL-LOAD) | LAB | * | .001212C | 11 | 1900C | U | 2430 | 45380000A |
| GLASS-REED.STANDARD.1-AMP | (100CPS.MECHANICAL-LOAD) | LAB | * | .000822C | 12 | 2800C | U | 2430 | 45382000A |
| GLASS-REED.STANDARD.1-AMP | (20CPS.RESISTIVE-LOAD.28VDC) | LAB | * | .045149C | 15 | 51C | U | 2430 | 45384000A |
| GLASS-REED.STANDARD.1-AMP | (15CPM.115VAC.60W.LAMP-LOAD) | LAB | * | 15.4123C | 10 | .1494C | U | 2430 | 45386000A |
| GLASS-REED.STANDARD.1-AMP | (60CPS.RESISTIVE-LOAD.12VDC) | LAB | * | .000426C | 150 | 5400C | U | 2430 | 45388000A |
| GLASS-REED.STANDARD.1-AMP | (15CPS.RESISTIVE-LOAD.28VDC) | LAB | * | .019301C | 8 | 150C | U | 2430 | 45390000A |
| GLASS-REED.STANDARD.1-AMP | (56CPS.INDUCTIVE-LOAD.6VDC. RING-TEST) | LAB | .000143C | .000956C | 5 | 7000C | U | 2430 | 45392000A |
| GLASS-REED.STANDARD.1-AMP | (60CPS.RESISTIVE-LOAD.50VDC) | LAB | .000242C | .000938C | 600 | 12420C | U | 2430 | 45394000A |
| GLASS-REED.STANDARD.1-AMP | (60CPS.RESISTIVE-LOAD.50VDC) | LAB | .000288C | .000579C | 650 | 13900C | U | 2430 | 45396000A |
| GLASS-REED.STANDARD.1-AMP | (60CPS.RESISTIVE-LOAD.12VDC) | LAB | .001114C | .004332C | 20 | 860C | U | 2430 | 45398000A |
| GLASS-REED.STANDARD.1-AMP | (60CPS.RESISTIVE-LOAD.12VDC) | LAB | .001496C | .003332C | 60 | 2005C | U | 2430 | 45400000A |
| GLASS-REED.STANDARD.1-AMP | (12CPS.RESISTIVE-LOAD.28VDC) | LAB | .003824C | .007642C | 12 | 1044C | U | 2430 | 45402000A |
| GLASS-REED.STANDARD.1-AMP | (15CPS.RESISTIVE-LOAD.28VDC) | LAB | .006024C | .028432C | 6 | 166C | U | 2430 | 45404000A |
| GLASS-REED.STANDARD.1-AMP | (20CPS.RESISTIVE-LOAD.28VDC) | LAB | .769231C | 1.18512C | 15 | 13C | U | 2430 | 45406000A |
| GLASS-REED.STANDARD.1-AMP | (15CPM.115VAC.60W.LAMP-LOAD) | LAB | 6.67111C | 25.9486C | 5 | .1499C | U | 2430 | 45408000A |
| GLASS-REED.STANDARD.1-AMP | (20CPS.36VDC.RESISTIVE-LOAD) | LAB | 233.004C | 906.636C | 24 | .103C | U | 2430 | 45410000A |
| GLASS-REED.ULTRA-MINIATURE. 12VDC | (60CPS.RESISTIVE-LOAD) | LAB | .000833C | .002218C | 39 | 2400C | U | 2430 | 45412000A |

PART CLASS 601 RELAYS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| GLASS-REED-MINIATURE.0.5AMP | (60CPS.RESISTIVE-LOAD.25VDC) | LAB | * | .007617C | 15 | 200C | U | 2430 | 45414000A |
| GLASS-REED-MINIATURE.0.5AMP | (12CPS.RESISTIVE-LOAD.28VDC) | LAB | * | .0021320 | 12 | 1080C | U | 2430 | 45416000A |
| GLASS-REED-MINIATURE.0.5AMP | (60CPS.RESISTIVE-LOAD.25VDC) | LAB | * | .0038380 | 50 | 600C | U | 2430 | 45418000A |
| GLASS-REED-MINIATURE.0.5AMP | (60CPS.RESISTIVE-LOAD.25VDC) | LAB | * | .0038380 | 50 | 600C | U | 2430 | 45420000A |
| HALF.SIZE.CRYSTAL.CAN | (STORAGE) | MSL | .05 | | | | 65 | 2440 | 45422000 |
| HEATER | ENGINE-PRESSURE-RATIO-INSTRUMENT | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 45424000 |
| HEAVY.DUTY.SOLENOID | | | 5 | | | | 57 | 2L1 | 45426000 |
| HEAVY.DUTY.SOLENOID | | AIR | 30.3 | | | | 57 | 2L1 | 45428000 |
| HEAVY.DUTY.SOLENOID | | AIR | 50 | | | | 57 | 2L1 | 45430000 |
| HEAVY.DUTY.SOLENOID | | AIR | 80.5 | | | | 57 | 2L1 | 45432000 |
| HEAVY-DUTY | | AIR | 16.6 | | | | 57 | 2L1 | 45434000 |
| HEAVY-DUTY | | AIR | 33.5 | | | | 57 | 2L1 | 45436000 |
| HIGH-SPEED | | GRD | .9 | | | | 59 | 2B48 | 45438000 |
| HIGH-SPEED | | GRD | 9.80392 | 15.592 | | .60800 | 67 | 2240 | 45440000 |
| HIGH-SPEED | | GRD | 26.9495 | 30.8504 | | 3.9251 | 63 | 2240 | 45442000 |
| HOLDING | NUMBER-2.AUXILIARY-POWER-UNIT | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 45444000 |
| HOLDING | NUMBER-1.AUXILIARY-POWER-UNIT | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 45446000 |
| HOLDING | NUMBER-2.AUXILIARY-POWER-UNIT | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 45448000A |
| HOLDING | NUMBER-1.AUXILIARY-POWER-UNIT | AIR | 24.3131 | 94.5708 | 76 | .04113 | 66 | 1250 | 45450000A |
| HORN-SILENCE | | AIR | .219 | | | | 65 | 2590 | 45452000 |
| IDENTIFY | | AIR | .329 | | | | 65 | 2590 | 45454000 |
| IGNITION | | AIR | .219 | | | | 65 | 2590 | 45456000 |
| IGNITION | | AIR | .289 | | | | 65 | 2590 | 45458000 |
| INTEGRAL-CAPSULAR.SPDT.1.AMP.28VDC-CONTACT-VOLTAGE.125C. | (35VDC-COIL-VOLTAGE.120CPM) | LIFE ACC | .284 | | | | 63 | 2770 | 45460000A |
| INTEGRAL-CAPSULAR.SPDT.1.AMP.28VDC-CONTACT-VOLTAGE.125C. | (35VDC-COIL-VOLTAGE.30CPM) | LIFE ACC | .377 | | | | 63 | 2770 | 45462000A |
| INTEGRAL-CAPSULAR.SPDT.1.AMP.28VDC-CONTACT-VOLTAGE.125C. | (21VDC-COIL-VOLTAGE.120CPM) | LIFE ACC | .382 | | | | 63 | 2770 | 45464000A |
| INTEGRAL-CAPSULAR.SPDT.1.AMP.28VDC-CONTACT-VOLTAGE.125C. | (35VDC-COIL-VOLTAGE.30CPM) | LIFE ACC | .433 | | | | 63 | 2770 | 45466000A |
| INTEGRAL-CAPSULAR.SPDT.1.AMP.28VDC-CONTACT-VOLTAGE.125C. | (35VDC-COIL-VOLTAGE.120CPM) | LIFE ACC | .581 | | | | 63 | 2770 | 45468000A |
| INTEGRAL-CAPSULAR.SPDT.1.AMP.28VDC-CONTACT-VOLTAGE.125C. | (35VDC-COIL-VOLTAGE.30CPM) | LIFE ACC | .622 | | | | 63 | 2770 | 45470000A |
| INTEGRAL-CAPSULAR.SPDT.1.AMP.28VDC-CONTACT-VOLTAGE.125C. | (35VDC-COIL-VOLTAGE.120CPM) | LIFE ACC | .814 | | | | 63 | 2770 | 45472000A |
| INTEGRAL-CAPSULAR.SPDT.1.AMP.28VDC-CONTACT-VOLTAGE.125C. | (28VDC-COIL-VOLTAGE.60CPM) | LIFE ACC | .865 | | | | 63 | 2770 | 45474000A |

PART CLASS 601 RELAYS

| PART DESCRIPTION .60 N.O.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 COMP LIMIT | PART POPULATION | PART HOURS | YR OF DATA APP | CROSS INDEX SINCE REF NO |
|---|---|---|---|---|---|---|---|---|
| INTEGRAL-CAPSULAR.SPDT. 1.AMP.28VDC-CONTACT-VOLTAGE.125C. | (21VDC-COIL-VOLTAGE.180CPM) | LIFE LAB | .907 | | | | 63 | 2770 45476000A |
| INTEGRAL-CAPSULAR.SPDT. 1.AMP.28VDC-CONTACT-VOLTAGE.125C. | (21VDC-COIL-VOLTAGE.120CPM) | LIFE ACC | .91 | | | | 63 | 2770 45478000A |
| INTEGRAL-CAPSULAR.SPDT. 1.AMP.28VDC-CONTACT-VOLTAGE.125C. | (21VDC-COIL-VOLTAGE.90CPM) | LIFE ACC | 1.054 | | | | 63 | 2770 45480000A |
| INTEGRAL-CAPSULAR.SPDT. 1.AMP.28VDC-CONTACT-VOLTAGE.125C. | (35VDC-COIL-VOLTAGE.120CPM) | LIFE ACC | 1.178 | | | | 63 | 2770 45482000A |
| INTEGRAL-CAPSULAR.SPDT. 1.AMP.28VDC-CONTACT-VOLTAGE.125C. | (28VDC-COIL-VOLTAGE.60CPM) | LIFE LAB | 1.225 | | | | 63 | 2770 45484000A |
| INTEGRAL-CAPSULAR.SPDT. 1.AMP.28VDC-CONTACT-VOLTAGE.125C. | (21VDC-COIL-VOLTAGE.180CPM) | LIFE ACC | 1.37 | | | | 63 | 2770 45486000A |
| INTEGRAL-CAPSULAR.SPDT. 1.AMP.28VDC-CONTACT-VOLTAGE.125C. | (21VDC-COIL-VOLTAGE.90CPM) | LIFE ACC | 1.37 | | | | 63 | 2770 45488000A |
| INTEGRAL-CAPSULAR.SPDT. 1.AMP.28VDC-CONTACT-VOLTAGE.125C. | (28VDC-COIL-VOLTAGE.60CPM) | LIFE LAB | 1.764 | | | | 63 | 2770 45490000A |
| INTEGRAL-CAPSULAR.SPDT. 1.AMP.28VDC-CONTACT-VOLTAGE.125C. | (28VDC-COIL-VOLTAGE.60CPM) | LIFE ACC | 1.809 | | | | 63 | 2770 45492000A |
| INTEGRAL-CAPSULAR.SPDT. 1.AMP.28VDC-CONTACT-VOLTAGE.125C. | (28VDC-COIL-VOLTAGE.40CPM) | LIFE ACC | 2.275 | | | | 63 | 2770 45494000A |
| INTEGRAL-CAPSULAR.SPDT. 1.AMP.28VDC-CONTACT-VOLTAGE.125C. | (28VDC-COIL-VOLTAGE.30CPM) | LIFE LAB | 2.283 | | | | 63 | 2770 45496000A |
| INTEGRAL-CAPSULAR.SPDT. 1.AMP.28VDC-CONTACT-VOLTAGE.125C. | (35VDC-COIL-VOLTAGE.30CPM) | LIFE ACC | 2.406 | | | | 63 | 2770 45498000A |
| INTEGRAL-CAPSULAR.SPDT. 1.AMP.28VDC-CONTACT-VOLTAGE.125C. | (21VDC-COIL-VOLTAGE.90CPM) | LIFE ACC | 2.833 | | | | 63 | 2770 45500000A |
| INTEGRAL-CAPSULAR.SPDT. 1.AMP.28VDC-CONTACT-VOLTAGE.28VDC- | (21VDC-COIL-VOLTAGE.30CPM) | LIFE LAB | .822 | | | | 63 | 2770 45502000A |
| INTEGRAL-CAPSULAR-SPDT. 1.AMP.28VDC-CONTACT-VOLTAGE.125C. | (28VDC-COIL-VOLTAGE.22.5CPM) | LIFE LAB | .155 | | | | 63 | 2770 45504000A |

PART CLASS 601 RELAYS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| INTEGRAL-CAPSULAR-SPDT. 1.AMP.28VDC-CONTACT-VOLTAGE.125C. | (28VDC-COIL-VOLTAGE.60CPM) | LIFE LAB | .432 | | | | 63 | 2770 | 45506000A |
| INTEGRAL-CAPSULAR-SPDT. 1.AMP.28VDC-CONTACT-VOLTAGE.125C. | (28VDC-COIL-VOLTAGE.60CPM) | LIFE ACC | .649 | | | | 63 | 2770 | 45508000A |
| INTEGRAL-CAPSULAR-SPDT. 1.AMP.28VDC-CONTACT-VOLTAGE.125C. | (28VDC-COIL-VOLTAGE.60CPM) | LIFE ACC | .878 | | | | 63 | 2770 | 45510000A |
| INTEGRAL-CAPSULAR-SPDT. 1.AMP.28VDC-CONTACT-VOLTAGE.125C. | (28VDC-COIL-VOLTAGE.60CPM) | LIFE LAB | 1.1 | | | | 63 | 2770 | 45512000A |
| INVERTER-FAILURE | | AIR | .13P | | | | 65 | 2590 | 45514000 |
| INVERTER-FAILURE | | AIR | .21P | | | | 65 | 2590 | 45516000 |
| JH6D-TYPE | | SHP | 3.39556 | 9.03616 | 532 | .589 | 65 | 1243 | 45513000 |
| JSH-TYPE | | SHP | .44287 | 1.17854 | 1012 | 4.516 | 63 | 1243 | 45520000 |
| KEYING | | GEN | 6.84 | | | | 61 | 2NI | 45522000 |
| KMJ8-TYPE | | SHP | 2.26372 | 4.52379 | 396 | 1.767 | 65 | 1243 | 45524000 |
| LATCHING | | SAT | * | .618729 | 408 | 3.7215 | 66 | 1226 | 45526000 |
| LATCHING | | GRD | * | 42.9269 | 16 | .05364 | 65 | 1189 | 45528000A |
| LATCHING | | GRD | 7 | | | | 63 | 1078 | 45530000 |
| LATCHING.GENERAL-PURPOSE. BUWEPS-2052757-2 | | LAB | * | 1.53506C | 10 | 1.5C | 65 | 1189 | 45532000A |
| LATCHING.GENERAL-PURPOSE. DPDT.28VDC.2A.BUWEPS- | | LAB | * | 1.534066 | 10 | 1.5C | 65 | 1185 | 45534000A |
| LATCHING.GENERAL-PURPOSE. 4PDT.26-127VDC.2A. BUWEPS-2052662 | (115VAC-50MA) | LAB | * | 1.53506C | 10 | 1.5C | 65 | 1185 | 45536000A |
| LATCHING.MAGNETIC | | GRD | * | 172.997 | | .01331 | 64 | 1180 | 45538000 |
| LATCHING.MAGNETIC | | GEN | 10.327 | 18.1279 | | .581 | 62 | 1078 | 45540000 |
| LATCHING.MAGNETIC.MIL-GRADE | .(0-100-ACTUATIONS/HR) | GRD | 2.5A | | | | 65 | 1251 | 45542000 |
| LATCHING.MAGNETIC.MIL-GRADE | .(101-200-ACTUATIONS/HR) | GRD | 3.7A | | | | 65 | 1251 | 45544000 |
| LATCHING.MAGNETIC.MIL-GRADE | .(201-300-ACTUATIONS/HR) | GRD | 5A | | | | 65 | 1251 | 45546000 |
| LAUNCH.TUBE.PANEL-ASSEMBLY | | SUB | 140.056 | 372.71 | 60 | .01428 | 65 | 1246 | 45548000 |
| MAGNETIC | | SIM AIR | * | 109.961 | 40 | .02094 | 64 | 1151 | 45550000A |
| MAGNETIC | | AIR GND | 6.10950 | 9.15178 | | .73 | 62 | 1087 | 45552000 |
| MAGNETIC | | SIM AIR | 4.47087 | 17.3903 | 216 | .22367 | 64 | 1150 | 45554000A |
| MAGNETIC | | AIR GND | 11.2627 | 14.2163 | | 2.93 | 61 | 1087 | 45556000 |
| MAIN/ESS-BUS-T.RV | | AIR | .51P | | | | 65 | 2590 | 45558000 |
| MERCURY | .(0-100-ACTUATIONS/HR) | GRD | 2.5A | | | | 65 | 1251 | 45560000 |
| MERCURY | .(101-200-ACTUATIONS/HR) | GRD | 3.7A | | | | 65 | 1251 | 45562000 |
| MERCURY | .(201-300-ACTUATIONS/HR) | GRD | 5A | | | | 65 | 1251 | 45564000 |
| MERCURY-WETTED | (STORAGE) | MSL | .002 | | | | 65 | 2440 | 45566000 |
| MH8D-TYPE | | SHP | 4.68431 | 5.69979 | 2200 | 9.82 | 65 | 1243 | 45568000 |
| MHJL8-TYPE | | SHP | 3.88625 | 4.78578 | 2365 | 10.55 | 65 | 1243 | 45570000 |

PART CLASS 601 RELAYS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| ANY-TYPE | | SHP | 3.09165 | 19.8049 | 44 | .1464 | 65 | 1243 | 45572000 |
| MICROMIN.CRYSTAL.CAN | (STORAGE) | RSL | .01 | | | | 65 | 2440 | 45574000 |
| MICROMINIATURE | (STORAGE) | | * | 59.041 | | .0190 | 66 | 2520 | 45576000A |
| MICROMINIATURE | (STORAGE) | | * | 29.5964 | | .0778 | 66 | 2515 | 45575000A |
| MICROMINIATURE | (STORAGE) | | .01 | | | | 66 | 2415 | 45580000 |
| MIDGET | .(PER-CONTACT-SET) | LAB | .25 | | | | 63 | 1138 | 45582000 |
| MIDGET | | AIR | 250 | | | | 57 | 241 | 45584000 |
| MIL-QPL-5757 | .(0-100-ACTUATIONS/HR) | GRD | 3.5A | | | | 65 | 1251 | 45586000 |
| MIL-QPL-5757 | .(101-200-ACTUATIONS/HR) | GRD | 2.2A | | | | 65 | 1251 | 45588000 |
| MIL-QPL-5757 | .(201-300-ACTUATIONS/HR) | GRD | 1A | | | | 65 | 1251 | 45590000 |
| MIL-QPL-6106 | .(0-100-ACTUATORS/HR) | GRD | 3A | | | | 65 | 1251 | 45592000 |
| MIL-QPL-6106 | .(101-200-ACTUATIONS/HR) | GRD | 4.5A | | | | 65 | 1251 | 45594000 |
| MIL-QPL-6106 | (201-300-ACTUATIONS/HR) | GRD | 6A | | | | 65 | 1251 | 45596000 |
| MIL-R-6106.28VDC | STARTER.ENGINE | HELI | 100 | 222.693 | 120 | .03 | 65 | 1215 | 45578000 |
| MIL-R-6106.28VDC | BATTERY | HELI | 133.333 | 264.481 | 120 | .03 | 65 | 1215 | 45600000 |
| MILLISECOND | .(PER-CONTACT-SET) | LAB | .44 | | | | 63 | 1138 | 45602000 |
| MINIATURE | (STORAGE) | | * | 13.7222 | | .1675 | 66 | 2520 | 45604000A |
| MINIATURE | | LAB | * | 172.997 | | .01331 | 62 | 2240 | 45606000 |
| MINIATURE | (STORAGE) | | * | 4.1309 | | .5566 | 66 | 2515 | 45605000A |
| MINIATURE | .(PER-CONTACT-SET) | LAB | .06 | | | | 63 | 1138 | 45610000 |
| MINIATURE | .(+1/10000CYCLES) | LAB | 2.5 | | | | 61 | 1086 | 45612000 |
| MINIATURE | .(+10/10000CYCLES) | LAB | 25 | | | | 61 | 1086 | 45614000 |
| MINIATURE | | AIR | 250 | | | | 57 | 241 | 45616000 |
| MINIATURE.HI-SPEED | .(PER-CONTACT-SET) | LAB | .7 | | | | 63 | 1138 | 45618000 |
| MINIATURE.HI-SPEED | | AIR | 700 | | | | 57 | 241 | 45620000 |
| MINIATURE-MICRO | | LAB | .018049 | .070205 | 10 | 55.405 | 61 | 1273 | 45622000A |
| MINIATURE-MICRO | | LAB | .108293 | .190093 | 10 | 55.405 | 61 | 1273 | 45624000A |
| MINIATURE-MICRO | | LAB | .15345 | .213051 | 20 | 110.8 | 61 | 1273 | 45623000A |
| MODULE | COURSE-COMPUTER.DOPPLER-NAVIGATION-SYSTEM | SIN GRD AIR | 124.018 | 276.18 | 200 | .02419 | 64 | 1181 | 45626000A |
| MODULE | COURSE-COMPUTER.DOPPLER-NAVIGATION-SYSTEM | SIN GRD AIR | 250 | 665.287 | 139 | .003 | 63 | 1137 | 45630000 |
| MOTOR-DRIVEN-SOLENOID | | GEN | 5.43 | | | | 61 | 241 | 45632000 |
| NEGATIVE-SEQUENCE | ELECTRICAL-POWER.703-331 | AIR | 340P | | | | 65 | 2362 | 45634000 |
| NON-LATCHING | | SAT | * | 1.0203 | 250 | 2.257 | 66 | 1226 | 45636000 |
| NUMBER-TYPE | | SHP | 10.1832 | 27.0992 | 44 | .1464 | 65 | 1243 | 45638000 |
| ONE-EIGHTH.SIZE.CRYSTAL.CAN | (STORAGE) | RSL | .05 | | | | 65 | 2440 | 45640000 |
| PHASE-SEQUENCE | | AIR | .08P | | | | 65 | 2590 | 45642000 |
| PHASE-SEQUENCE | | AIR | .1P | | | | 65 | 2590 | 45644000 |
| PHASE-SEQUENCE | ELECTRICAL-POWER.800 | AIR | 80P | | | | 66 | 2363 | 45646000 |
| PHASE-SEQUENCE | ELECTRICAL-POWER.800 | AIR | 160P | | | | 66 | 2365 | 45648000 |
| PHASE-SEQUENCE | ELECTRICAL-POWER.800 | AIR | 220P | | | | 66 | 2360 | 45650000 |
| PHASE-SEQUENCE | ELECTRICAL-POWER.800 | AIR | 300P | | | | 66 | 2365 | 45652000 |
| POWER-SUPPLY-SOLID-STATE | ELECTRICAL-POWER.800 | AIR | 150P | | | | 66 | 2363 | 45654000 |
| POWER.PLANT-EM | | | 19.7 | | | | 64 | 241 | 45656000 |

PART CLASS 601 RELAYS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| 00 N.O.C. | | | | | | | | | |
| PLUNGER.TERMINAL | | | 121.7 | | | | 64 | 2?1 | 45658000 |
| POLAR | | GRD | 1.28904 | 1.4556 | 12100 | 90.765 | 64 | 1220 | 45660000 |
| POSITION | WING-FLAP-SYSTEM | AIR | 24.3131 | 94.5706 | 76 | .04153 | 66 | 1250 | 45662000 |
| POWER | STANDBY-PUMPS.CAMERA-VACUUM-SYSTEM | AIR | 0 | 220.344 | 50 | .01045 | 63 | 1198 | 45664000 |
| POWER | VHF-COMMUNICATION-SYSTEM.101 | AIR | 0 | 19.7868 | 100 | .11637 | 65 | 1198 | 45664000 |
| POWER | | LAB | .04 | | | | 62 | 2240 | 45668000 |
| POWER | | GEN | .2 | | | | 61 | 1079 | 45670000 |
| POWER | (PER-CONTACT-SET) | LAB | .3 | | | | 63 | 1198 | 45672000 |
| POWER | (CONTACT-SET) | GEN | .3 | | | | U | 2001 | 45674000 |
| POWER | | | .30 | | | | 64 | 2?37 | 45676000 |
| POWER | | GRD | .3 | | | | 59 | 2?48 | 45678000 |
| POWER | | LAB | .5 | | | | 62 | 2240 | 45680000 |
| POWER | | GEN | .8 | | | | U | 2001 | 45682000 |
| POWER | | GEN | 2.6 | | | | U | 2001 | 45684000 |
| POWER | | GEM | 3 | | | | U | 2001 | 45686000 |
| POWER | .(0-10C-ACTUATIONS/HR) | GRD | 3A | | | | 65 | 1251 | 45688000 |
| POWER | RADAR | AIR | 3.4 | | | | U | 2001 | 45690000 |
| POWER | .(101-200- ACTUATIONS/HR) | GRD | 4.5A | | | | 65 | 1251 | 45692000 |
| POWER | | GRD | 5 | | | | 63 | 1198 | 45694000 |
| POWER | .(201-300-ACTUATIONS/HR) | GRD | 6A | | | | 65 | 1251 | 45696000 |
| POWER | VHF-COMMUNICATION-SYSTEM.101 | AIR | 7.8796 | 30.6492 | 50 | .12691 | 65 | 1198 | 45698000 |
| POWER | GENERAL | AIR | 10 | | | | 57 | 2001 | 45700000 |
| POWER | | AIR SHP GRD | 10 | | | | 58 | 212 | 45702000 |
| POWER | | AIR | 15 | | | | 61 | 1068 | 45704000 |
| POWER | | AIR GND | 16.3e02 | 27.9358 | | .332 | 59 | 212 | 45706000 |
| POWER | GENERAL | AIR | 16 | | | 322 | 58 | 2001 | 45708000 |
| POWER | (CONTACT-SET) | GEM | 16 | | | | U | 2001 | 45710000 |
| POWER | VHF-COMMUNICATION-SYSTEM | AIR | 20.4081 | 79.3816 | 102 | .049 | 63 | 1214 | 45712000 |
| POWER | RADIO | AIR | 39 | | | | U | 2001 | 45714000 |
| POWER | EXTERNAL/MAIN-AC | AIR | 60.3743 | 134.469 | | .04969 | 63 | 1123 | 45716000 |
| POWER | | GRD | 109.375 | 134.345 | | .384 | 61 | 1081 | 45718000 |
| POWER | | AIR GND | 133 | | | | 61 | 212 | 45720000 |
| POWER | GENERAL | AIR | 150 | | | | U | 2001 | 45722000 |
| POWER.DPDT.26-1/2VDC.10A. BUWEPS-2LT3337 | .(135VDC.125MA) | LAB | * | 1.5356C | 10 | 1.5C | 65 | 1185 | 45724000 |
| POWER.4PDT.115VAC.3A. BUWEPS-2036878 | .(115VAC.2.5A) | LAB | * | 15.3506C | 10 | .15C | 65 | 1189 | 45726000 |
| POWER-CONTROL-AC | | GEN | 2.64 | | | | 61 | 2?1 | 45728000 |
| POWER-CONTROL-DC | | GEM | 2.55 | | | | 61 | 2?1 | 45730000 |
| POWER-TRANSFER | AA-1-POWER | AIR | 2996.25 | 4866.92 | 36 | .00267 | 66 | 1256 | 45732000 |
| PRESSURE-LIMITING | RUDDER-CONTROL-SYSTEM | AIR | 48.6263 | 129.401 | 76 | .04113 | 66 | 1250 | 45734000 |
| PROTECTIVE | AC-POWER-SYSTEM | AIR | * | 24.1109 | 248 | .0985 | 63 | 1111 | 45736000 |
| RE-94 | INTERCOM.AN/AIC-10 | AIR | 181.23 | 239.959 | 50 | .12606 | 65 | 1198 | 45738000 |
| RE-94 | INTERCOM.AN/AIC-10 | AIR | 259.495 | 343.839 | 50 | .08478 | 63 | 1198 | 45740000 |
| RECIRC-AND-CONDITION-FAN | AIR-CONDITIONING.880 | AIR | 190P | | | | 66 | 2360 | 45742000 |

PART CLASS 401 RELAYS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | MIL SPEC REF | DATA SHEET | CARDS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .5% R.E.C. | | | | | | | | | |
| RECIRC-AND-CONDITIONING-FAN | AIR-CONDITIONING.500 | AIR | 250P | | | | 66 | 2360 | 45744000 |
| RECIRC-AND-CONDITIONING-FAN | AIR-CONDITIONING.600 | AIR | 370P | | | | 65 | 2360 | 45746000 |
| RECIRCULATING-AND-CONDITIONING-FAN | AIR-CONDITIONING.500 | AIR | 250P | | | | 66 | 2363 | 45748000 |
| RECIRCULATING-AND-CONDITIONING-FAN | AIR-CONDITIONING.500 | AIR | 36P | | | | 66 | 2365 | 45750000 |
| RECIRCULATING-AND-CONDITIONING-FAN | AIR-CONDITIONING.600 | AIR | 60P | | | | 66 | 2365 | 45752000 |
| RECIRCULATING-AND-CONDITIONING-FAN | AIR-CONDITIONING.600 | AIR | 60P | | | | 65 | 2363 | 45754000 |
| RECIRCULATING-AND-CONDITIONING-FAN | AIR-CONDITIONING.600 | AIR | 110P | | | | 65 | 2365 | 45756000 |
| RECIRCULATING-AND-CONDITIONING-FAN | AIR-CONDITIONING.600 | AIR | 200P | | | | 66 | 2365 | 45758000 |
| REED | | LAB | .001314 | | | | 65 | 1138 | 45760000 |
| REED | (STORAGE) | | .02 | | | | 66 | 2015 | 45762000 |
| REED | (STORAGE) | MSL | .02 | | | | 65 | 2440 | 45764000 |
| REED | | GRD | 3.92711 | 8.74941 | 72 | .78392 | 64 | 1133 | 45766000 |
| REED.DRY | .(0-100-ACTUATIONS/HR) | GRD | 2A | | | | 65 | 1251 | 45768000 |
| REED.DRY | .(101-200-ACTUATIONS/HR) | GRD | 3A | | | | 65 | 1251 | 45770000 |
| REED.DRY | .(201-300-ACTUATIONS/HR) | GRD | 4A | | | | 65 | 1251 | 45772000 |
| REED.MERCURY-WETTED. BI-STABLE | | LAB | * | .001122C | 6 | .2033C | 64 | 1273 | 45774000A |
| REED.MERCURY-WETTED. BI-STABLE | | LAB | * | .001293C | 5 | .7810 | 64 | 1273 | 45776000A |
| REED.MERCURY-WETTED. BI-STABLE | | LAB | * | .001122C | 6 | .2033C | 64 | 1273 | 45778000A |
| REVERSE-CURRENT | ELECTRICAL-POWER.600 | AIR | 30P | | | | 66 | 2363 | 45780000 |
| REVERSE-CURRENT | ELECTRICAL-POWER.600 | AIR | 60P | | | | 65 | 2360 | 45782000 |
| ROTARY | (STORAGE) | * | | 14.0402 | | .1840 | 66 | 2319 | 45784000A |
| ROTARY-ACTION | | AIR | * | 146.662 | 180 | .81157 | 62 | 1095 | 45786000A |
| SENSITIVE | | AIR GND | 40.4896 | 59.2461 | 6480 | .92107 | 65 | 1188 | 45788000 |
| SENSITIVE | | AIR | .14P | | | | 65 | 2590 | 45790000 |
| SENSITIVE | .(PER-CONTACT-SET) | LAB | .4 | | | | 62 | 2240 | 45792000A |
| SENSITIVE | | LAB | .4 | | | | 63 | 1138 | 45794000 |
| SENSITIVE | | GEN | 1.495 | | | | 61 | 1079 | 45796000 |
| SENSITIVE | .(0-100-ACTUATIONS/HR) | GRD | 6 | | | | 63 | 1098 | 45798000 |
| SENSITIVE | .(101-200-ACTUATIONS/HR) | GRD | 6A | | | | 65 | 1251 | 45800000 |
| SENSITIVE | .(201-300-ACTUATIONS/HR) | GRD | 9A | | | | 65 | 1251 | 45802000 |
| SENSITIVE | | GRD | 12A | | | | 65 | 1251 | 45804000 |
| SENSITIVE | | AIR | 20 | | | | 61 | 1068 | 45806000 |
| SENSITIVE | | AIR GND | 93.0521 | 207.22 | 825 | .03224 | 65 | 1138 | 45808000 |
| SENSITIVE | | SUB AIR | 165.245 | 245.187 | | .049 | 63 | 1183 | 45810000A |
| SENSITIVE.FREQUENCY | EMERGENCY-POWER-SYSTEM | AIR GND | 186.915 | 416.249 | 324 | .01605 | 65 | 1188 | 45812000 |
| | | AIR | * | 93.1472 | 48 | .02472 | 61 | 1227 | 45814000 |

PART CLASS 601 RELAYS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF DATA | SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| SENSITIVE.FREQUENCY | AC-POWER-SUPPLY | AIR | 13.987 | 58.5153 | 340 | .077 | 63 | 1134 | 4581[illegible] |
| SENSITIVE.FREQUENCY | AC-POWER-SUPPLY | AIR | 13.6094 | 23.8823 | 918 | .041 | 63 | 1134 | 4581[illegible] |
| SENSITIVE.FREQUENCY | AC-POWER-SUPPLY | AIR | 17.1869 | 26.4787 | 300 | .58185 | 65 | 1198 | 4588[illegible] |
| SENSITIVE.FREQUENCY | AC-POWER-SUPPLY | AIR | 18.9813 | 28.0227 | 290 | .6345A | 65 | 1198 | 4582[illegible] |
| SENSITIVE.FREQUENCY | EMERGENCY-POWER-SYSTEM | AIR | 24.3131 | 94.5788 | 76 | .04113 | 64 | 1230 | 4587[illegible] |
| SENSITIVE.FREQUENCY | AC-POWER-SUPPLY | AIR | 426.696 | 477.762 | 150 | .25484 | 63 | 1198 | 4580[illegible] |
| SENSITIVE.FREQUENCY | AC-POWER-SUPPLY | AIR | 697.777 | 921.175 | 150 | .225 | 63 | 1134 | 4581[illegible] |
| SENSITIVE.MIL-R-5757 | | SIR AIR | 0 | 135.447 | 264 | .017 | 64 | 1139 | 4581[illegible] |
| SENSITIVE.MIL-R-5757 | .(0-100-ACTUATIONS/HR) | GRD | 3.5A | | | | 63 | 1251 | 4582[illegible] |
| SENSITIVE.MIL-R-5757 | .(101-200-ACTUATIONS/HR) | GRD | 5.2A | | | | 63 | 1251 | 4582[illegible] |
| SENSITIVE.MIL-R-5757 | (201-300-ACTUATIONS/HR) | GRD | 7 | | | | 63 | 1251 | 4582[illegible] |
| SENSITIVE.SPEED | FUEL-SYSTEM | AIR | * | 6.78992 | 200 | .33918 | 63 | 1198 | 4583[illegible] |
| SENSITIVE.SPEED | FUEL-SYSTEM | AIR | * | 9.94672 | 400 | .46345 | 65 | 1198 | 4583[illegible] |
| SENSITIVE.SPEED | FUEL-SYSTEM | AIR | * | 4.53598 | 200 | .90763 | 65 | 1198 | 4584[illegible] |
| SENSOR.THERMAL | | AIR | * | 72.5685 | 61 | .53173 | 64 | 1144 | 4584[illegible] |
| SHUTDOWN | EMERGENCY.ENGINE-CONTROL-SYSTEM | AIR | * | 4.68491 | 912 | .4936 | 66 | 1198 | 4582[illegible] |
| SIGNAL-CONTROL-AC | | GEN | 4.55 | | | | 61 | [illegible] | 4584[illegible] |
| SIGNAL-CONTROL-DC | | GEN | 2.03 | | | | 61 | [illegible] | 4583[illegible] |
| SOLENOID | (STORAGE) | | * | 6.22492 | | .3599 | [illegible] | [illegible] | 4587[illegible] |
| SOLENOID | | SHP | 5.43 | | | | 62 | 2240 | 4581[illegible] |
| SOLENOID | | AIR | 153 | | | | 61 | 2240 | 4583[illegible] |
| SOLENOID.HEAVY-DUTY | .(PER-CONTACT) | LAB | .5 | | | | 63 | 1139 | 4585[illegible] |
| SOLENOID-TYPE | .(0-100-ACTUATIONS/HR) | GRD | 6A | | | | 63 | 1251 | 4586[illegible] |
| SOLENOID-TYPE | .(101-200-ACTUATIONS/HR) | GRD | 9A | | | | 63 | 1251 | 4582[illegible] |
| SOLENOID-TYPE | .(201-300-ACTUATIONS/HR) | GRD | 12A | | | | 63 | 1251 | 4584[illegible] |
| SPDT | | | 13.58C | | | | 63 | 1212 | 4585[illegible] |
| SPDT.MICROMINIATURE | | LAB | 7.3 | | | | 61 | 1084 | 4586[illegible] |
| SPDT.MICROMINIATURE | | LAB | 75 | | | | 61 | 1084 | 4587[illegible] |
| SPDT.115V.60C | | LAB | .008406 | .011561 | | 2141.4 | 62 | 2212 | 4587[illegible] |
| SPDT.30A-CONTACT | | LAB | * | 4.75635 | 104 | .48411 | 65 | 1222 | 4587[illegible] |
| SPEAKER-SELECTOR.P-A-SYSTEM.AN/AIC-13 | | AIR | * | 27.2911 | 152 | .08226 | 64 | 1139 | 4587[illegible] |
| SPECIAL.PURPOSE | (CONTACT-SET.SENSITIVE) | GEN | .4 | | | | U | 2001 | 4587[illegible] |
| SPECIAL.PURPOSE | (SENSITIVE) | GEN | 2.8 | | | | U | 2001 | 4588[illegible] |
| SPECIAL.PURPOSE | (LATCHING) | GEN | 3 | | | | U | 2001 | 4582[illegible] |
| SPECIAL.PURPOSE | (SENSITIVE) | GEN | 5 | | | | U | 2001 | 4588[illegible] |
| SPECIAL.PURPOSE | RADAR.(SENSITIVE) | AIR | 8.2 | | | | U | 2001 | 4588[illegible] |
| SPECIAL.PURPOSE | (CONTACT-SET.SENSITIVE) | GEN | 20 | | | | U | 2001 | 4588[illegible] |
| SPECIAL.PURPOSE | BOMB-NAVIGATION.(POWER-STEPPING) | AIR | 50 | | | | U | 2001 | 4589[illegible] |
| SPECIAL.PURPOSE | FIRE-CONTROL.(CHOPPER) | AIR | 63 | | | | U | 2001 | 4589[illegible] |
| SPECIAL.PURPOSE | RADAR.(CHOPPER) | AIR | 105 | | | .337 | 60 | 2001 | 4589[illegible] |
| SPECIAL.PURPOSE | BOMB-NAVIGATION.(STEPPING) | AIR | 125 | | | .039 | 57 | 2001 | 4589[illegible] |
| SPECIAL.PURPOSE | FIRE-CONTROL.(CHOPPER) | AIR | 130 | | | | U | 2001 | 4587[illegible] |
| SPECIAL.PURPOSE | BOMB-NAVIGATION.(SIGNAL-STEPPING) | AIR | 150 | | | | U | 2001 | 4590[illegible] |
| SPST.ARMATURE | | AIR GRD | 0.89817 | 34.6151 | 2268 | .[illegible] | 65 | 1188 | 4590[illegible] |

PART CLASS 681 RELAYS

| PART DESCRIPTION .00 N.O.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| SPST.ARMATURE | | AIR GND | 13.2913 | 29.999 | 5775 | .22571 | 65 | 1128 | 45904000 |
| SPST.90-A/P | | AIR | 72.7272 | 145.337 | 320 | .055 | 61 | 1080 | 45906000 |
| STAB-TRIM-\AF-STANDBY-HP | HYDRAULIC-POWER.727 | AIR | 909 | | | | 66 | 2360 | 45908000 |
| STARTER | | AIR | 44.4094 | 58.7054 | | .338 | 63 | 2111 | 45910000 |
| STEPPING | .(0-100-ACTUATIONS/HR) | GRD | 5A | | | | 65 | 1251 | 45912000 |
| STEPPING | .(101-200-ACTUATIONS/HR) | GRD | 7.5A | | | | 65 | 1251 | 45914000 |
| STEPPING | .(201-300-ACTUATIONS/HR) | GRD | 10A | | | | 65 | 1251 | 45916000 |
| STEPPING | | AIR GND | 133.333 | 205.422 | | .075 | 58 | 212 | 45918000 |
| STEPPING | | GRD | 833.333 | 1285.88 | | .012 | 61 | 1081 | 45920000 |
| STEPPING.OPEN.1/.AMP | | GRD | • | 1112.36 | | .00207 | 64 | 1180 | 45922000 |
| SUBMINIATURE | | GRD | • | 164.471 | | .014 | 63 | 1100 | 45924000 |
| SUBMINIATURE | | SIM AIR | 250 | 499.596 | | .010 | 63 | 1100 | 45926000 |
| SWITCH-OVER | AUTO.TACAN-RADIO.AN/ARN-65 | AIR | 305.064 | 338.881 | 597 | .51789 | 67 | 1272 | 45928000 |
| SWITCHING | .(2-POLE) | GRD | • | 5.11162 | 11 | .74 | 63 | 1116 | 45930000 |
| SWITCHING | .(2-POLE) | GRD | • | 17.4439 | 1 | .152 | 63 | 1116 | 45932000 |
| SWITCHING | .(2-POLE) | GRD | • | 15.0496 | 2 | .353 | 63 | 1116 | 45934000 |
| SWITCHING | .(2-POLE) | GRD | • | 27.4819 | 1 | .084 | 63 | 1116 | 45936000 |
| SWITCHING | .(6-POLE) | GRD | 10.5712 | 20.9255 | 5 | .382 | 63 | 1116 | 45938000 |
| SWITCHING | .(6-POLE) | GRD | 12.4069 | 23.0141 | 6 | .403 | 63 | 1116 | 45940000 |
| SWITCHING | TRACK-RADAR | AIR | 1498.12 | 2993.83 | 36 | .00267 | 66 | 1256 | 45942000A |
| SWITCHING | INFRARED-SYSTEM | AIR | 6741.57 | 9272.02 | 36 | .00267 | 66 | 1256 | 45944000A |
| SWITCHING.2-POLE | .(STORAGE) | LAB | • | 7.24888 | | .316 | 65 | 1204 | 45946000 |
| SWITCHING.2-POLE | .(CALENDAR) | GRD | • | 18.8737 | | .122 | 65 | 1204 | 45948000 |
| SWITCHING.2-POLE | .(CALENDAR) | GRD | • | 15.0496 | | .153 | 65 | 1204 | 45950000 |
| SWITCHING.2-POLE | .(OPERATING) | GRD | • | 596.565 | | .0046 | 65 | 1204 | 45952000 |
| SWITCHING.2-POLE | .(OPERATING) | GRD | • | 2.19086 | | 1.051 | 65 | 1204 | 45954000 |
| SWITCHING.2-POLE | .(CALENDAR) | GRD | • | .796457 | | 2.913 | 65 | 1204 | 45956000 |
| SWITCHING.2-POLE | .(OPERATING) | GRD | • | 12.3795 | | .186 | 65 | 1204 | 45958000 |
| SWITCHING.2-POLE | .(CALENDAR) | GRD | • | 29.1468 | | .079 | 65 | 1204 | 45960000 |
| SWITCHING.2-POLE | .(CALENDAR) | GRD | • | 1.21895 | | 1.889 | 65 | 1204 | 45962000 |
| SWITCHING.2-POLE | .(CALENDAR) | GRD | • | .141961 | | 16.22 | 65 | 1204 | 45964000 |
| SWITCHING.2-POLE | .(OPERATING) | GRD | • | 2.77109 | | .775 | 65 | 1204 | 45966000 |
| SWITCHING.2-POLE | .(OPERATING) | GRD | • | 217.226 | | .0106 | 65 | 1204 | 45968000 |
| SWITCHING.2-POLE | .(OPERATING) | GRD | • | 13.7059 | | .168 | 65 | 1204 | 45970000 |
| SWITCHING.2-POLE | .(OPERATING) | GRD | • | 469.918 | | .0049 | 65 | 1204 | 45972000 |
| SWITCHING-6-POLE | .(OPERATING) | GRD | • | 39.7 | | .058 | 65 | 1204 | 45974000 |
| SWITCHING-6-POLE | .(CALENDAR) | GRD | • | 88.5615 | | .026 | 65 | 1204 | 45976000 |
| SWITCHING-6-POLE | .(CALENDAR) | GRD | • | 6.01201 | | .383 | 65 | 1204 | 45978000 |
| SWITCHING-6-POLE | .(CALENDAR) | GRD | .673196 | 1.19047 | | 5.847 | 65 | 1204 | 45980000 |
| SWITCHING-6-POLE | .(CALENDAR) | GRD | .823856 | 1.44612 | | 7.283 | 65 | 1204 | 45982000 |
| SWITCHING-6-POLE | .(CALENDAR) | GRD | 2.36466 | 3.1955 | | .423 | 65 | 1204 | 45984000 |
| SWITCHING-6-POLE | .(OPERATING) | GRD | 10.4712 | 18.3806 | | .573 | 65 | 1204 | 45986000 |
| SWITCHING-6-POLE | .(OPERATING) | GRD | 12.8755 | 22.601 | | .466 | 65 | 1204 | 45988000 |
| TELEPHONE | .(0-10C-ACTUATIONS/HR) | GRD | 31.25 | 121.553 | | .032 | 63 | 1204 | 45990000 |
| | | | 2.5A | | | | 65 | 1251 | 45992000 |

PART CLASS 601 RELAYS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART APPLICATION | PART HOURS | YR OF APT | DATA SOURCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.S.C. | | | | | | | | | |
| TELEPHONE | .(101-200-ACTUATIONS/HR) | GRD | 3.7A | | | | 65 | 1251 | 45994000 |
| TELEPHONE | .(201-360-ACTUATIONS/HR) | GRD | 5A | | | | 65 | 1241 | 45996000 |
| IPC-TYPE | | SHP | 20.3665 | 40.7803 | 44 | .1964 | 65 | 1243 | 45998000 |
| THERMAL | | SIN AIR | * | 143.912 | | .016 | 63 | 1150 | 46000000 |
| THERMAL | | SIN AIR | * | 138.961 | 16 | .01657 | 64 | 1150 | 46002000A |
| THERMAL | | SIN AIR | * | 1101.72 | 4 | .00209 | 64 | 1151 | 46004000A |
| THERMAL | | GRD | * | 164.471 | | .014 | 63 | 1100 | 46006000 |
| THERMAL | (STORAGE) | | * | 14.7597 | | .1378 | 66 | 2520 | 46008000A |
| THERMAL | (STORAGE) | | * | 7.20012 | | .3198 | 66 | 2515 | 46010000A |
| THERMAL | | LAB | .4 | | | | 62 | 2240 | 46012000A |
| THERMAL | (CONTACT-SET) | GEN | .4 | | | | U | 2001 | 46014000 |
| THERMAL | .(PER-CONTACT-SET) | LAB | .4 | | | | 63 | 1138 | 46016000 |
| THERMAL | | LAB | 1 | | | | 62 | 2240 | 46018000 |
| THERMAL | RECEIVER | SHP | 2.2 | | | | U | 2001 | 46020000 |
| THERMAL | | GEN | 4.3 | | | | U | 2001 | 46022000 |
| THERMAL | | SHP | 4.58 | | | | 62 | 2240 | 46024000 |
| THERMAL | | GEN | 4.6 | | | | U | 2001 | 46026000 |
| THERMAL | | GRD | 8 | | | | 63 | 1098 | 46028000 |
| THERMAL | | GEN | 8 | | | | U | 2001 | 46030000 |
| THERMAL | (CONTINUOUSLY-ON) | SHP | 10 | | | | U | 2001 | 46032000 |
| THERMAL | HEAT-EXCHANGER/PUMP-TEMPERATURE | GRD | 13.6338 | 25.2992 | | .3666 | 65 | 1223 | 46034000 |
| THERMAL | (CYCLED) | SHP | 14 | | | | U | 2001 | 46036000 |
| THERMAL | (CONTACT-SET) | GEN | 20 | | | | U | 2001 | 46038000 |
| THERMAL | | AIR | 20 | | | | 61 | 1068 | 46040000 |
| THERMAL | RECEIVER | SHP | 26 | | | | U | 2001 | 46042000 |
| THERMAL | | AIR GND | 186.915 | 727.046 | 100 | .00525 | 65 | 1188 | 46044000 |
| THERMAL | | AIR | 200 | 777.94 | 40 | .005 | 62 | 1095 | 46046000A |
| THERMAL | | AIR | 250 | | | | 57 | 211 | 46048000 |
| THERMAL.HI-VOLTAGE-LOSS | | GRD | 21.8221 | 90.6213 | | .7332 | 65 | 1223 | 46050000 |
| THERMAL.MEL-R-19648 | | SIN AIR | * | 375.65 | 66 | .004 | 64 | 1139 | 46052000 |
| THERMAL.TIME-DELAY | | GRD | * | 259.594 | | .00887 | 64 | 1180 | 46054000 |
| THERMAL.TIME-DELAY | | SIN AIR | * | 191.883 | | .012 | 63 | 1105 | 46056000A |
| THERMAL.TIME-DELAY | | AIR GND | 5.95238 | 23.1529 | | .168 | 62 | 1087 | 46058000 |
| THERMAL.TIME-DELAY | | AIR GND | 15.0375 | 26.3962 | | .399 | 61 | 1087 | 46060000 |
| THERMAL.TIME-DELAY | | GEN | 16.2926 | 40.7365 | | .164 | 62 | 1078 | 46062000 |
| THERMAL.TIME-DELAY | | AIR GND | 71.8954 | 108.484 | | .153 | 62 | 1087 | 46064000 |
| THERMAL.TIME-DELAY | | SIN AIR | 112.023 | 249.469 | 92 | .02678 | 65 | 1195 | 46066000A |
| THERMAL.TIME-DELAY.HFCO-STYLE | | SHP | .947418 | 2.92122 | 473 | 2.141 | 65 | 1243 | 46068000 |
| THERMAL.TIME-DELAY.SPST.3-1/3-WATT-HEATER.4-SOLDER-HOOK-TERMINALS | | LAB | 149.253 | 580.552 | 2 | .0067 | 65 | 1217 | 46070000A |
| THERMAL.TIME-DELAY.SPST.4-WATT-HEATER.7-PIN-MINIATURE-SOCKET | | LAB | 15.6494 | 60.5716 | 18 | .0639 | 65 | 1217 | 46072000A |

PART CLASS 601 RELAYS

| PART DESCRIPTION .00 M.P.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| THERMAL.TIME-DELAY.SPST.4-WATT-HEATER.7-SOLDER-HOOK-TERMINALS | | LAB | * | 71.9562 | 8 | .032 | 65 | 1217 | 460740004 |
| THERMAL-TIME-DELAY | | GEN | 4.58 | | | | 61 | 2NI | 46074000 |
| TIME.DELAY | (CONTACT-SET) | GEN | .35 | | | | U | 2001 | 46078000 |
| TIME.DELAY | | GEN | 4.75 | | | | U | 2001 | 46080000 |
| TIME.DELAY | RADAR | AIR | 6.5 | | | | U | 2001 | 46082000 |
| TIME.DELAY | BOMB-NAVIGATION | AIR | 14 | | | | U | 2001 | 46084000 |
| TIME.DELAY | (CONTACT-SET) | GEN | 20 | | | | U | 2001 | 46086000 |
| TIME.DELAY | RADAR | AIR | 44 | | | .420 | 58 | 2001 | 46088000 |
| TIME.DELAY | RADIO | AIR | 225 | | | | U | 2001 | 46090000 |
| TIME.DELAY | AUTO-FLIGHT-CONTROL | AIR | 230 | | | | 57 | 2001 | 46092000 |
| TIME-DELAY | MD-3-HYDRAULIC-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1277 | 46094000 |
| TIME-DELAY | | AIR | * | 442.807 | 40 | .0052 | 62 | 1093 | 46096000A |
| TIME-DELAY | .(CALENDAR) | GRD | * | 15.0496 | | .153 | 65 | 1204 | 46098000 |
| TIME-DELAY | .(OPERATING) | GRD | * | 217.226 | | .0106 | 65 | 1204 | 46100000 |
| TIME-DELAY | | | * | 7.70358C | | .29890C | 62 | 2212 | 46102000 |
| TIME-DELAY | | | * | .065789C | | 35.000C | 62 | 2212 | 46104000 |
| TIME-DELAY | MJ-3-HYDRAULIC-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1270 | 46106000A |
| TIME-DELAY | | | .0625 | | | | 62 | 2212 | 46108000 |
| TIME-DELAY | | LAB | .141230 | .172231C | | 318.83C | 63 | 2212 | 46110000 |
| TIME-DELAY | | | .166698C | .263123C | | 53.990C | 61 | 2212 | 46112000 |
| TIME-DELAY | .(PER-CONTACT-SET) | LAB | .39 | | | | 63 | 1138 | 46114000 |
| TIME-DELAY | .(CALENDAR) | GRD | .686577 | 1.82708 | | 2.913 | 65 | 1204 | 46116000 |
| TIME-DELAY | | GRD | 1.0601 | 2.36079 | 368 | 2.8299 | 6A | 1210 | 46118000 |
| TIME-DELAY | | GRD | 6.53594 | 25.4228 | 2 | .153 | 63 | 1116 | 46120000 |
| TIME-DELAY | | GRD | 10 | | | | 63 | 1098 | 46122000 |
| TIME-DELAY | .(OPERATING) | GRD | 10.7526 | 28.6145 | | .186 | 65 | 1204 | 46124000 |
| TIME-DELAY | | AIR GND | 14.2857 | 55.5671 | | .070 | 58 | 212 | 46126000 |
| TIME-DELAY | | AIR | 20 | | | | 61 | 1068 | 46128000 |
| TIME-DELAY | | AIR | 28.9855 | 57.9242 | | .138 | 59 | 1070 | 46130000 |
| TIME-DELAY | | GRD | 69.7674 | 155.307 | | .043 | 61 | 1081 | 46132000 |
| TIME-DELAY | | SHP | 75.0187 | 115.578 | 80 | .1333 | 65 | 1223 | 46134000 |
| TIME-DELAY | | AIR | 103.2 | | | | 57 | 211 | 46136000 |
| TIME-DELAY | | AIR | 227 | | | | 57 | 211 | 46138000 |
| TIME-DELAY | | AIR GND | 227 | | | | 59 | 212 | 46140000 |
| TIME-DELAY .(3128-STYLE) | | SHP | * | 5.8635 | 88 | .3927 | 65 | 1243 | 46142000 |
| TIME-DELAY.DPDT.26VDC | | SUB | .674157 | 1.5013 | 108 | 4.45 | 66 | 1261 | 46144000A |
| TIME-DELAY.MOTOR-DRIVEN | .(0-100-ACTUATIONS/HR) | GRD | 15A | | | | 65 | 1253 | 46146000 |
| TIME-DELAY.MOTOR-DRIVEN | | GRD | 15 | | | | 63 | 1098 | 46148000 |
| TIME-DELAY.MOTOR-DRIVEN | .(101-200-ACTUATIONS/HR) | GRD | 23A | | | | 65 | 1251 | 46150000 |
| TIME-DELAY.MOTOR-DRIVEN | .(201-300-ACTUATIONS/HR) | GRD | 30A | | | | 65 | 1251 | 46152000 |
| TIME-DELAY.THERMAL | .(0-100-ACTUATIONS/HR) | GRD | 6A | | | | 65 | 1251 | 46154000 |
| TIME-DELAY.THERMAL | .(101-200-ACTUATIONS/HR) | GRD | 9A | | | | 65 | 1251 | 46156000 |
| TIME-DELAY.THERMAL | .(201-300-ACTUATIONS/HR) | GRD | 12A | | | | 65 | 1251 | 46158000 |

PART CLASS 601 RELAYS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .60 N.O.C. | | | | | | | | | |
| TIME-DELAY.5-MIN | | SHP | 90.4249 | 142.73 | 40 | .09953 | 65 | 1223 | 46160000 |
| TIME-DELAY.666-TYPE | | SHP | 20.3665 | 54.1925 | 22 | .0982 | 65 | 1243 | 46162000 |
| TOUCHDOWN | | AIR | .05P | | | | 65 | 2590 | 46164000 |
| TOUCHDOWN | | AIR | .24P | | | | 65 | 2590 | 46166000 |
| TRIM-TAB-CONTROL | | AIR | .1P | | | | 65 | 2 90 | 46168000 |
| UNIT-ENG.FIRE-DETECTION | FIRE-PROTECTION.707.3318 | AIR | 140P | | | | 66 | 2361 | 46170000 |
| UNIT-ENG.FIRE-DETECTION | FIRE-PROTECTION.707.331 | AIR | 260P | | | | 66 | 2361 | 46172000 |
| UNIT-ENG-FIRE-DETECTION | FIRE-PROTECTION.707-1318 | AIR | 130P | | | | 66 | 2364 | 46174000 |
| UNIT-ENG-FIRE-DETECTION | FIRE-PROTECTION.707-331 | AIR | 310P | | | | 66 | 2364 | 46176000 |
| UNIT-ENG-FIRE-DETECTION | FIRE-PROTECTION.707-3318 | AIR | 340P | | | | 66 | 2364 | 46178000 |
| UNIT-ENGINE-FIRE-DETECTION | FIRE-PROTECTION.331C/373C | AIR | 500P | | | | 66 | 2365 | 46180000 |
| UNIT-ENGINE-FIRE-DETECTION | FIRE-PROTECTION.331C/373C | AIR | 510P | | | | 66 | 2363 | 46182000 |
| VACUUM | | AIR | 495.049 | 762.705 | 160 | .0202 | 62 | 1095 | 46184000A |
| VERTICAL-GYRO | | AIR | 60.9144 | 83.6023 | | .538 | 63 | 2155 | 46186000 |
| VOLTAGE-OPERATED | | GRD | 2.69468 | 2.86561 | 22441 | 165.14 | 64 | 1210 | 46188000 |
| WETTED-MERCURY | (STORAGE) | | .002 | | | | 66 | 2M15 | 46190000 |
| 1-POLE | RADAR | AIR | 25 | | | .280 | 58 | 2001 | 46192000 |
| 1-POLE | BOMBING/NAVIGATION-EQUIPMENT | AIR | 80 | | | .16 | 58 | 2001 | 46194000 |
| 138P1/271-P1 | | SHP | 50.8474 | 113.233 | 28 | .059 | 65 | 1248 | 46196000A |
| 2-POLE | BOMBING/NAVIGATION-EQUIPMENT | AIR | * | 14.3912 | | .16 | 58 | 2001 | 46198000 |
| 2-POLE | RADAR | AIR | 4.5 | | | .840 | 58 | 2001 | 46200000 |
| 2-POLE | BOMBING/NAVIGATION-EQUIPMENT | AIR | 18 | | | 3.05 | 58 | 2301 | 46202000 |
| 2-POLE | RADAR | AIR | 32 | | | 1.830 | 58 | 2001 | 46204000 |
| 2-POLE.DC | | | 14.430 | | | | 63 | 2212 | 46206000 |
| 20-AMP | (PER-ACTUATION) | MSL | * | 65.7885A | 3500 | .035A | 66 | 1259 | 46208000A |
| 22RJC-TYPE | | AIR GND | 31.0173 | 120.648 | 825 | .03224 | 65 | 1188 | 46210000 |
| 28VDC | CARGO-HOOK | HELI | 233.333 | 392.363 | 120 | .03 | 65 | 1215 | 46212000 |
| 3-POLE.AC | | | 5.2C | | | | 63 | 2212 | 46214000 |
| 3PDT.DOUBLE-COIL | | AIR | 18.6335 | 41.4956 | 960 | .161 | 61 | 1080 | 46216000A |
| 3PST.AC.POWER-TRANSFER.25A.ESSENTIAL | | AIR | 153.139 | 595.666 | 43 | .00653 | 66 | 1240 | 46218000A |
| 3PST.DISCONNECT.AC-POWER-100A | | AIR | 72.7272 | 145.337 | 320 | .055 | 61 | 1080 | 46220000A |
| 3PST.25A-CONTACT.NORMAL-OPEN | | LAB | * | 5.00245 | 134 | .38361 | 65 | 1222 | 46222000A |
| 3PST.50A | | AIR | 72.7272 | 145.337 | 320 | .055 | 61 | 1080 | 46224000A |
| 33JP-TYPE | | SHP | 1.35777 | 3.61323 | 330 | 1.473 | 65 | 1243 | 46226000 |
| 4-POLE | RADAR | AIR | 37 | | | 1.260 | 58 | 2001 | 46228000 |
| 4-POLE.AC | | | 7.61C | | | | 65 | 2212 | 46230000 |
| 4-POLE.DC | | | 57.14C | | | | 63 | 2212 | 46232000 |
| 4-POLE.GOLD-PLATED | (STORAGE) | MSL | * | .029147 | 21301 | 79 | 65 | 1234 | 46234000 |
| 4PDT.AC-VOLTAGE.TRANSFER-SENSING | | AIR | * | 65.7835 | 320 | .035 | 61 | 1080 | 46236000A |
| 4PDT.ARMATURE | | AIR GND | 186.915 | 727.046 | 108 | .00535 | 65 | 1188 | 46238000 |
| 4PDT.LATCHING.MAGNETIC-ENCLOSED | | LAB | 2.17391C | 8.45587C | 5 | .46C | 65 | 1203 | 46240000A |

| PART CLASS 601 RELAYS<br>PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF APP | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 M.O.C. | | | | | | | | | |
| 4PDT.PLUG-IN | | SUB | 4 | 15.5586 | 1071 | .25 | 64 | 1161 | 46240000A |
| 4PDT.PLUG-IN | | SUB | 7.50046 | 14.9888 | 3570 | .5333 | 65 | 1246 | 46244000 |
| 4PDT.PLUG-IN | | SUB | 44.0528 | 177.342 | 90 | .02? | 65 | 1246 | 46246000 |
| 4PDT.ROTARY-MOTOR | | AIR GMD | 46.5332 | 181 | 550 | .02149 | 65 | 3188 | 46248000 |
| 4PDT.SOLENOID-AND-COIL | | AIR | 107.558 | 139.462 | 3140 | .344 | 61 | 1085 | 46250000 |
| 4PST.ARMATURE | | AIR GMD | 373.531 | 996.822 | 108 | .00535 | 65 | 1188 | 46252000 |
| 6-POLE | RADAR | AIR | 5.8 | | | .560 | 58 | 2001 | 46254000 |
| 6-POLE | BOMBING/NAVIGATION-EQUIPMENT | AIR | 8.5 | | | 5.12 | 58 | 2001 | 46256000 |
| 6-POLE | RADAR | AIR | 22 | | | 2.910 | 58 | 2001 | 46258000 |
| 6-POLE | BOMBING/NAVIGATION-EQUIPMENT | AIR | 50 | | | 1.12 | 58 | 2001 | 46260000 |
| 6PDT.ARMATURE | | AIR GMD | 93.4361 | 151.771 | 1728 | .08562 | 65 | 1188 | 46262000 |
| 6PDT.SA | | SUB | 59.7966 | 133.163 | 480 | .05017 | 65 | 1246 | 46264000 |
| 8-POLE.AC | | | 30.95C | | | | 63 | 2212 | 46266000 |
| 8-POLE.DC | | | 13.33C | | | | 63 | 2212 | 46268000 |
| .04 HERMETICALLY SEALED | | | | | | | | | |
| | .(STRESS-RATIO=.1) | SIM AIR | * | 219.295 | 42 | .0105 | 64 | 1154 | 46270000 |
| | | LAB | * | 104.19 | 42 | .0221 | 66 | 1233 | 46272000A |
| | | LAB | * | 52.2131 | 84 | .0441 | 66 | 1233 | 46274000A |
| | .(STRESS-RATIO=.1) | LAB | * | 249.739 | 18 | .00922 | 64 | 1154 | 46276000 |
| | | GRD | * | 511.686 | 300 | .0065 | 62 | 1159 | 46278000A |
| | .(STRESS-RATIO=.5) | LAB | * | 124.802 | 36 | .01845 | 64 | 1154 | 46280000 |
| | .(PER-CONTACT-SET) | LAB | .04 | | | | 63 | 1138 | 46282000 |
| | .(PER-CONTACT-SET) | AIR | 5 | | | | 61 | 1068 | 46284000 |
| | | AIR | 19 | | | | 57 | 2L1 | 46286000 |
| | | GRD | 69.2041 | 138.296 | 2850 | .0378 | 62 | 1159 | 46288000A |
| | | GRD | 138.898 | 540.236 | 600 | .0072 | 62 | 1159 | 46290000A |
| | | GRD | 254 | | | | 57 | 2L1 | 46292000 |
| | | GRD | 982.8 | 1328.99 | 1350 | .02035 | 62 | 1159 | 46294000A |
| | | GRD | 1007 | | | | 57 | 2L1 | 46296000 |
| | | GRD | 1016 | | | | 57 | 2L1 | 46298000 |
| CRYSTAL-CAN. | (PER-CONTACT-SET)(SSC) | LAB | .3 | | | | 63 | 1127 | 46300000 |
| DPDT | (RLC=1) | LAB | * | 4.6032 | 15 | .5 | 65 | 1203 | 46302000 |
| DPDT | (CYC.125C.RLV/C=1) | LAB | * | .067327 | 342 | 34.2 | 65 | 1200 | 46304000 |
| DPDT | (CYC.125C.RLV/C=1) | LAB | * | .0673270 | 342 | 34.20 | 63 | 1200 | 46306000 |
| DPDT.LATCH.MICROMINIATURE. 24VDC.2A | (24CPM.125F.RLC=1) | LAB | * | .959417 | 24 | 2.4 | 65 | 1203 | 46308000 |
| DPDT.LATCH.MICROMINIATURE. 24VDC.2A | (2CPS.125F.RLV..04.RLC..0005) | LAB | .041667 | .162071 | 24 | 24 | 65 | 1203 | 46310000 |
| DPDT.1/2-SIZE-CRYSTAL-CASE-28VDC.2A-LOAD.28VDC-COIL | (6CPM.RLC=2.RLV=1) | LAB | * | 3.7565C | 4 | .4C | 65 | 1203 | 46312000A |
| DPDT.1/2-SIZE-CRYSTAL-CASE-28VDC.2A-LOAD.28VDC-COIL | (30CPM.RLC=1.RLV=1) | LAB | * | 3.7565C | 4 | .4C | 65 | 1203 | 46314000A |
| DPDT.1/2-SIZE-CRYSTAL-CASE-28VDC.2A-LOAD.28VDC-COIL | (6CPM.RLC=2.RLV=1) | LAB | 12.1543C | 24.2891C | 4 | .1291C | 65 | 1203 | 46316000A |

PART CLASS 6.1 RELAYS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .4 HERMETICALLY SEALED | | | | | | | | | |
| DPDT.1/2-SIZE-CRYSTAL-CASE-28VDC.2A-LOAD.28VDC-COIL | (6CPM.RLC=2.RLV=1) | LAB | 13.0491C | 29.0595C | 4 | .2299C | 65 | 1203 | 46310000A |
| DPDT.1/2-SIZE-CRYSTAL-CASE-30VDC.2A-LOAD.26-1/2VDC-COIL | (30CPM.RLC=1.RLV=1) | LAB | * | 5.7565C | 4 | .4C | 65 | 1203 | 46320000A |
| DPDT.1/2-SIZE-CRYSTAL-CASE-30VDC.2A-LOAD.26-1/2VDC-COIL | (3CCPM.RLC=1.RLV=1) | LAB | * | 5.7565C | 4 | .4C | 65 | 1203 | 46320000A |
| DPDT.1/2-SIZE-CRYSTAL-CASE-30VDC.2A-LOAD.26-1/2VDC-COIL | (6CPM.RLC=4.RLV=1) | LAB | 19.5982C | 39.1648C | 4 | .2041C | 65 | 1203 | 46324000A |
| DPDT.1/2-SIZE-CRYSTAL-CASE-30VDC.2A-LOAD.26-1/2VDC-COIL | (6CPM.RLC=4.RLV=1) | LAB | 229.885C | 459.399C | 4 | .0174C | 65 | 1203 | 46326000A |
| LATCHING 24VDC.2A | .(125C.RLV/C=1.22CPM) | LAB | .0751880 | .2C0086C | 266 | 26.6C | 65 | 1200 | 4 3280 A |
| LATCHING.26VDC-COIL 24VDC.2A | .(RV=1.RC=.23) | SIM SAT | * | 2055.89 | 1 | .0C112 | 65 | 1184 | 46330000A |
| MIL-SPEC | .(STRESS-RATIO=.5) | GRD | 6.02409 | 23.4319 | 71 | .166 | 64 | 1142 | 46332000A |
| MINIATURE | | GRD | * | 1421.35 | 121 | .00182 | 61 | 1069 | 46334000A |
| MINIATURE | | GRD | 156.494 | 416.455 | 726 | .01278 | 61 | 1069 | 46335000A |
| MINIATURE | | GRD | 242.13 | 941.815 | 242 | .00413 | 61 | 1069 | 46336000A |
| MINIATURE | | GRD | 617.283 | 2401.04 | 242 | .00162 | 61 | 1069 | 46340000A |
| POWER.3PST.25A-CONTACT. 115VAC-COIL | | LAB | 5.63158 | 21.9053 | 62 | .17757 | 65 | 1222 | 46342000A |
| POWER.3PST.5A-CONTACT. 28VDC-COIL | | LAB | * | 8.36062 | 67 | .2754? | 65 | 1220 | 46344000A |
| SPDT.CHOPPER.1MA.2V.400CPS | | LAB | 61.7283 | 240.104 | 198 | .0162 | 64 | 1173 | 46346000A |
| SPDT.115VDC.6C-400CPS | | SUB | .879658 | 1.02799 | 1296 | 81.85 | 66 | 1261 | 46348000A |
| SNEAKING | | GRD | * | 1157.08 | | .00199 | 64 | 1180 | 46450000 |
| THERMAL | | GPD | * | 1107.01 | | .00208 | 64 | 1180 | 46352000 |
| TIME-DELAY | .(125C.RLV/C=1.22CPM) | LAB | * | 1.64471C | 39 | 1.4C | 65 | 1220 | 46354000A |
| TIME DELAY.MOTOR-DRIVEN. MAGNETIC CLUTCH | | LAB | * | 173.127 | 4 | .0133 | 65 | 1217 | 46356000A |
| TIME-DELAY.SPDT.CONTACT-28VDC.7-PIN | | LAB | 14.0449 | 54.6306 | 20 | .0712 | 65 | 1217 | 46358000 |
| TIME-DELAY.1SECOND.DPDT. 10A-CONTACT.28VDC-COIL | | LAB | * | 7.01477 | 149 | .32025 | 65 | 1222 | 46360000A |
| TIME-DELAY.120VAC.6A | | AIR | 4.25531 | 16.5519 | 1171 | .235 | 66 | 1253 | 46362000A |
| TIME-DELAY.30SECOND.DPDT. 10A-CONTACT.120VAC.60-CYCLE-COIL | | LAB | * | 5.4363 | 303 | .42356 | 65 | 1222 | 46364000A |
| TIME-DELAY.30SECOND.DPDT. 10A-CONTACT.28VDC-COIL | | LAB | * | 10.0418 | 74 | .22930 | 65 | 1222 | 46366000A |
| TIME-DELAY.6AMP.120-VAC | (RC=.02) | GRD | * | 1534.9 | 2 | .0C195 | 65 | 1177 | 46368000A |

PART CLASS 601 RELAYS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .04 HERMETICALLY SEALED | | | | | | | | | |
| 300-AMP-CONTINUOUS.DC-POWER-SUPPLY | .(PER-CONTACT-SET) | LAB | .3 | | | | 63 | 1227 | 46370000A |
| 25-AMP-CONTACT.DC-POWER-SUPPLY | (PER-CONTACT-SET) | LAB | 3 | | | | 63 | 1227 | 46372000 |
| 4PDT.LATCHING.MAGNETIC. 50-AMP-CONTACT.DC-POWER-SUPPLY | .(PER-CONTACT-SET) | LAB | 1.666666C | 6.48283C | 6 | .6C | 65 | 1203 | 46374000A |
| | | LAB | .3 | | | | 63 | 1227 | 46376000A |
| 6PDT.SENSITIVE.115VAC.2A-LOAD | | LAB | 10C | 26.6115C | 2 | .2C | 65 | 1203 | 46378000A |
| 8PDT.SENSITIVE.24VDC.2A-LOAD | | LAB | 10C | 26.6115C | 2 | .2C | 65 | 1203 | 46380000A |
| 6PDT.28-1/2VDC-COIL | | LAB | * | 1.63139C | 4 | 1.411C | 65 | 1203 | 46382000A |
| 8PDT.28-1/2VDC-COIL | | LAB | 8.5034C | 16.993C | 4 | .4704C | 65 | 1203 | 46384000A |
| .05 HERMETICALLY SEALED, ARMATURE | | | | | | | | | |
| CRYSTAL-CAN.28VDC.2A DPDT.28V POLARIZED TIME-DELAY.1/2-5SECOND. ADJUSTMENT.DPDT.CONTACT-2A.28VDC.20-PIN | | GRD | * | 8856.15 | | .00026 | 64 | 1180 | 46386000 |
| | | GRD | 16.4636 | 64.0385 | | .06074 | 64 | 1180 | 46388000 |
| | | AIR | 3.2967 | 4.07964 | 24300 | 4.55 | 64 | 1233 | 46390000A |
| | | SUB | .156617 | | 1240 | 76.62 | 64 | 1261 | 46392000A |
| | | SUB | .86326 | 1.12953 | 776 | 28.96 | 64 | 1261 | 46394000A |
| TIME-DELAY.15MIN.SPDT. CONTACT-2A.28VDC.9-PIN-PLUG-IN | | LAB | * | 65.6011 | 12 | .0351 | 65 | 1217 | 46396000A |
| | | LAB | * | 343.671 | 2 | .0067 | 65 | 1217 | 46398000A |
| TIME-DELAY.30-300SECONDS. ADJUSTMENT.DPDT.CONTACT-2A.28VDC.20-PIN | | LAB | * | 20.3589 | 16 | .1131 | 65 | 1217 | 46400000A |
| TIME-DELAY.4-40SECONDS. ADJUSTMENT.DPDT.CONTACT-2A.28VDC.20-PIN | | LAB | 44.4426 | 173.647 | 6 | .0224 | 65 | 1217 | 46402000A |
| TRANSISTOR-CASE.SPDT. 26.5VDC-COIL-VOLTAGE. .125C.MIL-R-5757D | (1CPS) | LIFE LAB | .056C | .232075 | 17 | | 64 | 2650 | 46404000A |
| 28-1/2V.LATCHING 4PDT. 6PDT.115.60-400CPS | | SUB | .482703 | .715267 | 392 | 24.56 | 66 | 1261 | 46406000A |
| | | LAB | 4.142765C | 11.0375C | 4 | .4822C | 65 | 1203 | 46408000A |
| | | SUB | 10.7042 | 14.5929 | 28 | 1.775 | 66 | 1261 | 46410000A |
| .30 1-5 AMPS | | | | | | | | | |
| CRYSTAL.CAN.DPDT.3.AMP. 28VDC.125C | (30CPS) | LIFE ACC | .435C | | | | 65 | 2740 | 46412000A |
| CRYSTAL.CAN.DPDT.3.AMP. 28VDC.125C | (30CPS) | LIFE ACC | .563C | | | | 65 | 2740 | 46414000A |

SECTION I FAILURE RATE DATA

PART CLASS 601 RELAYS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 60 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .30 1-5 AMPS | | | | | | | | | |
| CRYSTAL.CAN.DPDT.3.AMP. 28VDC.125C | (10CPS) | LIFE ACC | .567C | | | | 65 | 2740 | 4641 0000A |
| CRYSTAL.CAN.DPDT.3.AMP. 28VDC.125C | (10CPS) | LIFE ACC | .86C | | | | 65 | 2740 | 464180000A |
| CRYSTAL.CAN.DPDT.3.AMP. 28VDC.125C | (30CPS) | LIFE ACC | .894C | | | | 65 | 2740 | 464280000A |
| CRYSTAL.CAN.DPDT.3.AMP. 28VDC.125C | (1CPS) | LIFE ACC | 1.129C | | | | 65 | 2740 | 464220000A |
| CRYSTAL.CAN.DPDT.3.AMP. 28VDC.125C | (1CPS) | LIFE ACC | 1.473C | | | | 65 | 2740 | 464240000A |
| CRYSTAL.CAN.DPDT.3.AMP. 28VDC.125C | (1CPS) | LIFE LAB | 1.40C | | | | 65 | 2740 | 464260000A |
| CRYSTAL.CAN.DPDT.3.AMP. 28VDC.125C | (30CPS) | LIFE ACC | 2.333C | | | | 65 | 2740 | 464280000A |
| CRYSTAL.CAN.DPDT.3.AMP. 28VDC.125C | (10CPS) | LIFE ACC | 2.506C | | | | 65 | 2740 | 464300000A |
| CRYSTAL.CAN.DPDT.3.AMP. 28VDC.125C | (10CPS) | LIFE ACC | 2.831C | | | | 65 | 2740 | 464320000A |
| CRYSTAL.CAN.DPDT.3.AMP. 28VDC.125C | (30CPS) | LIFE ACC | 3.537C | | | | 65 | 2740 | 464340000A |
| CRYSTAL.CAN.DPDT.3.AMP. 28VDC.125C | (10CPS) | LIFE ACC | 3.86AC | | | | 65 | 2740 | 464360000A |
| CRYSTAL.CAN.DPDT.3.AMP. 28VDC.125C | (30CPS) | LIFE ACC | 3.903C | | | | 65 | 2740 | 464380000A |
| CRYSTAL.CAN.DPDT.3.AMP. 28VDC.125C | (10CPS) | LIFE ACC | 4.176C | | | | 65 | 2740 | 464400000A |
| CRYSTAL.CAN.DPDT.3.AMP. 28VDC.125C | (10CPS) | LIFE ACC | 4.328C | | | | 65 | 2740 | 464420000A |
| CRYSTAL.CAN.DPDT.3.AMP. 28VDC.125C | (1CPS) | LIFE ACC | 4.437C | | | | 65 | 2740 | 464440000A |
| CRYSTAL.CAN.DPDT.3.AMP. 28VDC.125C | (1CPS) | LIFE ACC | 4.656C | | | | 65 | 2740 | 464460000A |
| CRYSTAL.CAN.DPDT.3.AMP. 28VDC.125C | (10CPS) | LIFE ACC | 6.836C | | | | 65 | 2740 | 464480000A |
| CRYSTAL.CAN.DPDT.3.AMP. 28VDC.125C | (30CPS) | LIFE ACC | 7.185C | | | | 65 | 2740 | 464500000A |
| CRYSTAL.CAN.DPDT.3.AMP. 28VDC.125C | (30CPS) | LIFE ACC | 8.449C | | | | 65 | 2740 | 464520000A |
| CRYSTAL.CAN.DPDT.3.AMP. 28VDC.125C | (1CPS) | LIFE LAB | 9.646C | | | | 65 | 2740 | 464540000A |
| CRYSTAL.CAN.DPDT.3.AMP. 28VDC.125C | (1CPS) | LIFE LAB | 13.759C | | | | 65 | 2740 | 464560000A |
| CRYSTAL.CAN.DPDT.3.AMP. 28VDC.125C | (30CPS) | LIFE ACC | 14.367C | | | | 65 | 2740 | 464580000A |
| CRYSTAL.CAN.DPDT.3.AMP. 28VDC.125C | (10CPS) | LIFE ACC | 21.924C | | | | 65 | 2740 | 464600000A |

PART CLASS 601 RELAYS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .30 1-5 AMPS | | | | | | | | | |
| CRYSTAL.CAN.DPDT.3.AMP. 28VDC.125C | (1CPS) | LIFE ACC | 24.201C | | | | 65 | 2740 | 464620000A |
| CRYSTAL.CAN.DPDT.3.AMP. 28VDC.125C | (1CPS) | LIFE ACC | 56.696C | | | | 65 | 2740 | 464640004 |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (1CPS) | LIFE LAB | .549C | | | | 65 | 2750 | 464460000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (30CPS) | LIFE ACC | .7318C | | | | 65 | 2750 | 464480000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (30CPS) | LIFE ACC | .7848C | | | | 65 | 2750 | 464700004 |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (1CPS) | LIFE LAB | .857C | | | | 65 | 2750 | 464720004 |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (30CPS) | LIFE ACC | .9081C | | | | 65 | 2750 | 464740004 |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (30CPS) | LIFE ACC | 1.122C | | | | 65 | 2750 | 464760004 |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (45CPS) | LIFE ACC | 1.131C | | | | 65 | 2750 | 464780004 |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (1CPS) | LIFE LAB | 1.19C | | | | 65 | 2750 | 464800004 |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (30CPS) | LIFE ACC | 1.22C | | | | 65 | 2750 | 464820004 |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (45CPS) | LIFE ACC | 1.27C | | | | 65 | 2750 | 464840004 |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (45CPS) | LIFE ACC | 1.319C | | | | 65 | 2750 | 464860004 |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (30CPS) | LIFE ACC | 1.369C | | | | 65 | 2750 | 464880004 |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (30CPS) | LIFE ACC | 1.442C | | | | 65 | 2750 | 464900004 |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (30CPS) | LIFE ACC | 1.458C | | | | 65 | 2750 | 464920004 |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (30CPS) | LIFE ACC | 1.469C | | | | 65 | 2750 | 464940004 |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (45CPS) | LIFE ACC | 1.499C | | | | 65 | 2750 | 464960004 |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (45CPS) | LIFE ACC | 1.521C | | | | 65 | 2750 | 464980004 |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (60CPS) | LIFE ACC | 1.596C | | | | 65 | 2750 | 465000004 |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (30CPS) | LIFE ACC | 1.618C | | | | 65 | 2750 | 465020004 |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (30CPS) | LIFE ACC | 1.731C | | | | 65 | 2750 | 465040004 |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (45CPS) | LIFE ACC | 1.795C | | | | 65 | 2750 | 465060004 |

PART CLASS 611 RELAYS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .3C 1-5 AMPS | | | | | | | | | |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (30CPS) | LIFE ACC | 1.851C | | | | 65 | 2750 | 465009000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (45CPS) | LIFE ACC | 1.865C | | | | 65 | 2750 | 465100000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (30CPS) | LIFE ACC | 2.106C | | | | 65 | 2750 | 465120000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (30CPS) | LIFE ACC | 2.156C | | | | 65 | 2750 | 465140000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (30CPS) | LIFE ACC | 2.185C | | | | 65 | 2750 | 465160000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (30CPS) | LIFE ACC | 2.203C | | | | 65 | 2750 | 465180000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (45CPS) | LIFE ACC | 2.209C | | | | 65 | 2750 | 465200000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (1CPS) | LIFE LAB | 2.217C | | | | 65 | 2750 | 465220000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (60CPS) | LIFE ACC | 2.343C | | | | 65 | 2750 | 465240000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (60CPS) | LIFE ACC | 2.453C | | | | 65 | 2750 | 465260000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (45CPS) | LIFE ACC | 2.465C | | | | 65 | 2750 | 465280000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (45CPS) | LIFE ACC | 2.483C | | | | 65 | 2750 | 465300000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (60CPS) | LIFE ACC | 2.599C | | | | 65 | 2750 | 465320000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (30CPS) | LIFE ACC | 2.667C | | | | 65 | 2750 | 465340000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (30CPS) | LIFE ACC | 2.746C | | | | 65 | 2750 | 465360000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (45CPS) | LIFE ACC | 2.796C | | | | 65 | 2750 | 465380000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (60CPS) | LIFE ACC | 2.849C | | | | 65 | 2750 | 465400000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (30CPS) | LIFE ACC | 2.884C | | | | 65 | 2750 | 465420000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (60CPS) | LIFE ACC | 2.919C | | | | 65 | 2750 | 465440000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (45CPS) | LIFE ACC | 2.921C | | | | 65 | 2750 | 465460000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (60CPS) | LIFE ACC | 3.007C | | | | 65 | 2750 | 465480000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (45CPS) | LIFE ACC | 3.08C | | | | 65 | 2750 | 465500000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (60CPS) | LIFE ACC | 3.143C | | | | 65 | 2750 | 465520000A |

PART CLASS 601 RELAYS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF APPT | DATA SOURCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .30 1-5 AMPS | | | | | | | | | |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (60CPS) | LIFE ACC | 3.724C | | | | 65 | 2750 | 465940000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (60CPS) | LIFE ACC | 3.766C | | | | 65 | 2750 | 465940000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (30CPS) | LIFE ACC | 3.874C | | | | 65 | 2750 | 465580000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (45CPS) | LIFE ACC | 4.367C | | | | 65 | 2750 | 465600000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (45CPS) | LIFE ACC | 4.696C | | | | 65 | 2750 | 465620000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (60CPS) | LIFE ACC | 5.134C | | | | 65 | 2750 | 465640000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (45CPS) | LIFE ACC | 5.164C | | | | 65 | 2750 | 465660000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (30CPS) | LIFE ACC | 5.179C | | | | 65 | 2750 | 465680000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (45CPS) | LIFE ACC | 5.219C | | | | 65 | 2750 | 465700000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (60CPS) | LIFE ACC | 5.456C | | | | 65 | 2750 | 465720000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (60CPS) | LIFE ACC | 5.489C | | | | 65 | 2750 | 465740000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (60CPS) | LIFE ACC | 5.762C | | | | 65 | 2750 | 465760000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (45CPS) | LIFE ACC | 6.11C | | | | 65 | 2750 | 465780000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (30CPS) | LIFE ACC | 6.244C | | | | 65 | 2750 | 465800000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (60CPS) | LIFE ACC | 6.311C | | | | 65 | 2750 | 465820000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (45CPS) | LIFE ACC | 6.524C | | | | 65 | 2750 | 465840000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (60CPS) | LIFE ACC | 6.526C | | | | 65 | 2750 | 465860000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (45CPS) | LIFE ACC | 6.736C | | | | 65 | 2750 | 465880000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (45CPS) | LIFE ACC | 7.01C | | | | 65 | 2750 | 465900000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (30CPS) | LIFE ACC | 7.122C | | | | 65 | 2750 | 465920000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (30CPS) | LIFE ACC | 7.524C | | | | 65 | 2750 | 465940000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (30CPS) | LIFE ACC | 7.529C | | | | 65 | 2750 | 465960000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (60CPS) | LIFE ACC | 7.946C | | | | 65 | 2750 | 465980000A |

PART CLASS ELECTRICAL RELAYS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF DATA EPT | SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .3C 1-5 AMPS | | | | | | | | | |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (3CCPS) | LIFE ACC | 8.339C | | | | 65 | 2750 | 46400000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (45CPS) | LIFE ACC | 8.759C | | | | 65 | 2750 | 46402000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (60CPS) | LIFE ACC | 8.809C | | | | 65 | 2750 | 46404000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (45CPS) | LIFE ACC | 9.151C | | | | 65 | 2750 | 46406000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (60CPS) | LIFE ACC | 9.331C | | | | 65 | 2750 | 46408000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (45CPS) | LIFE ACC | 9.832C | | | | 65 | 2750 | 46610000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (3CCPS) | LIFE ACC | 10.014C | | | | 65 | 2750 | 46612000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (45CPS) | LIFE ACC | 10.269C | | | | 65 | 2750 | 46614000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (60CPS) | LIFE ACC | 10.287C | | | | 65 | 2750 | 46616000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (60CPS) | LIFE ACC | 11.892C | | | | 65 | 2750 | 46618000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (3CCPS) | LIFE ACC | 11.958C | | | | 65 | 2750 | 46620000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (60CPS) | LIFE ACC | 13.645C | | | | 65 | 2750 | 46622000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (60CPS) | LIFE ACC | 14.714C | | | | 65 | 2750 | 46624000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (30CPS) | LIFE ACC | 14.915C | | | | 65 | 2750 | 46626000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (60CPS) | LIFE ACC | 15.122C | | | | 65 | 2750 | 46628000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (30CPS) | LIFE ACC | 18.875C | | | | 65 | 2750 | 46630000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (60CPS) | LIFE ACC | 19.26C | | | | 65 | 2750 | 46632000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (30CPS) | LIFE ACC | 20.126C | | | | 65 | 2750 | 46634000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (45CPS) | LIFE ACC | 20.147C | | | | 65 | 2750 | 46636000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (60CPS) | LIFE ACC | 21.124C | | | | 65 | 2750 | 46638000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (30CPS) | LIFE ACC | 22.522C | | | | 65 | 2750 | 46640000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (45CPS) | LIFE ACC | 22.758C | | | | 65 | 2750 | 46642000A |
| CRYSTAL-CAN.DPDT.3.AMP. 28VDC.125C | (60CPS) | LIFE ACC | 23.126C | | | | 65 | 2750 | 46644000A |

PART CLASS 6ST RELAYS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART QUALIFICATION | PART HOURS | NR OF DATA SRCS | CODES INDEX ASSY SRC |
|---|---|---|---|---|---|---|---|---|
| .5D 1-5 AMPS | | | | | | | | |
| CRYSTAL-CAN.DPDT.5.AMP. 28VDC.125C | (45CPS) | LIFE ACC | 34.36%C | | | | 65 | 2790 |
| CRYSTAL-CAN.DPDT.5.AMP. 28VDC.125C | (60CPS) | LIFE ACC | 24.61%C | | | | 65 | 2790 |
| CRYSTAL-CAN.DPDT.5.AMP. 28VDC.125C | (45CPS) | LIFE ACC | 26.42%C | | | | 65 | 2790 |
| CRYSTAL-CAN.DPDT.5.AMP. 28VDC.125C | (30CPS) | LIFE ACC | 36.95%C | | | | 65 | 2790 |
| CRYSTAL-CAN.DPDT.5.AMP. 28VDC.125C | (45CPS) | LIFE ACC | 29.45%C | | | | 65 | 2790 |
| CRYSTAL-CAN.DPDT.5.AMP. 28VDC.125C | (45CPS) | LIFE ACC | 30.55%C | | | | 65 | 2790 |
| CRYSTAL-CAN.DPDT.5.AMP. 28VDC.125C | (45CPS) | LIFE ACC | 31.88%C | | | | 65 | 2790 |
| CRYSTAL-CAN.DPDT.5.AMP. 28VDC.125C | (45CPS) | LIFE ACC | 33.18%C | | | | 65 | 2790 |
| CRYSTAL-CAN.DPDT.5.AMP. 28VDC.125C | (60CPS) | LIFE ACC | 32.75%C | | | | 65 | 2790 |
| CRYSTAL-CAN.DPDT.5.AMP. 28VDC.125C | (45CPS) | LIFE ACC | 32.97%C | | | | 65 | 2790 |
| CRYSTAL-CAN.DPDT.5.AMP. 28VDC.125C | (45CPS) | LIFE ACC | 40.07%C | | | | 65 | 2790 |
| CRYSTAL-CAN.DPDT.5.AMP. 28VDC.125C | (30CPS) | LIFE ACC | 43.79%C | | | | 65 | 2790 |
| CRYSTAL-CAN.DPDT.5.AMP. 28VDC.125C | (60CPS) | LIFE ACC | 45.8% | | | | 65 | 2790 |
| CRYSTAL-CAN.DPDT.5.AMP. 28VDC.125C | (60CPS) | LIFE ACC | 45.81%C | | | | 65 | 2790 |
| CRYSTAL-CAN.DPDT.5.AMP. 28VDC.125C | (60CPS) | LIFE ACC | 45.19%C | | | | 65 | 2790 |
| CRYSTAL-CAN.DPDT.5.AMP. 28VDC.125C | (60CPS) | LIFE ACC | 46.88%C | | | | 65 | 2790 |
| CRYSTAL-CAN.DPDT.5.AMP. 28VDC.125C | (45CPS) | LIFE ACC | 51.96%C | | | | 65 | 2790 |
| CRYSTAL-CAN.DPDT.5.AMP. 28VDC.125C | (30CPS) | LIFE ACC | 73.65%C | | | | 65 | 2790 |
| CRYSTAL-CAN.DPDT.5.AMP. 28VDC.125C | (60CPS) | LIFE ACC | 74.33%C | | | | 65 | 2790 |
| CRYSTAL-CAN.DPDT.5.AMP. 28VDC.125C | (30CPS) | LIFE ACC | 77.81%C | | | | 65 | 2790 |
| CRYSTAL-CAN.DPDT.5.AMP. 28VDC.125C | (60CPS) | LIFE ACC | 91.22%C | | | | 65 | 2790 |
| CRYSTAL-CAN.4.PDT.2.AMPS | 81CPS< | LIFE ACC | 95.48%C | | | | 65 | 2790 |
| | | LIFE LAB | 1.219%C | 20 | | | 62 | 2470 |

PART CLASS 601 RELAYS

| PART DESCRIPTION / FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 60 CONF LIMIT | PART QUALIFICATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|
| .34 1-5 AMPS, HERMETICALLY SEALED | | | | | | | | |
| CRYSTAL-CAN.2AMP-28VDC | GRD | 51.0204 | 198.454 | 26 | .8196 | 68 | 4177 | 466[illegible]A |
| .49 5-10 AMPS, HERMETICALLY SEALED, ARMATURE | | | | | | | | |
| MEDIUM-POWER.MINIATURE. BALANCED-ARMATURE.DPDT. 10.AMP.30VDC.125C (32.5CPH) | LIFE LAB | 1.890 | | | | 66 | 2768 | 466[illegible]A |
| MEDIUM-POWER.MINIATURE. BALANCED-ARMATURE.DPDT. 10.AMP.30VDC.125C (51CPH) | LIFE LAB | 1.153 | | | | 66 | 2768 | 466[illegible]A |
| MEDIUM-POWER.MINIATURE. BALANCED-ARMATURE.DPDT. 10.AMP.30VDC.125C (51CPH) | LIFE LAB | 1.724 | | | | 66 | 2768 | 466[illegible]A |
| MEDIUM-POWER.MINIATURE. BALANCED-ARMATURE.DPDT. 10.AMP.30VDC.125C (32.5CPH) | LIFE ACC | 2.041 | | | | 66 | 2768 | 467[illegible]A |
| MEDIUM-POWER.MINIATURE. BALANCED-ARMATURE.DPDT. 10.AMP.30VDC.125C (14CPH) | LIFE LAB | 2.083 | | | | 66 | 2768 | 467[illegible]A |
| MEDIUM-POWER.MINIATURE. BALANCED-ARMATURE.DPDT. 10.AMP.30VDC.125C (14CPH) | LIFE LAB | 2.326 | | | | 66 | 2768 | 467[illegible]A |
| MEDIUM-POWER.MINIATURE. BALANCED-ARMATURE.DPDT. 10.AMP.30VDC.125C (32.5CPH) | LIFE LAB | 3.125 | | | | 66 | 2768 | 467[illegible]A |
| MEDIUM-POWER.MINIATURE. BALANCED-ARMATURE.DPDT. 10.AMP.30VDC.125C (60CPH) | LIFE LAB | 3.448 | | | | 66 | 2768 | 467[illegible]A |
| MEDIUM-POWER.MINIATURE. BALANCED-ARMATURE.DPDT. 10.AMP.30VDC.125C (51CPH) | LIFE ACC | 3.704 | | | | 66 | 2768 | 467[illegible]A |
| MEDIUM-POWER.MINIATURE. BALANCED-ARMATURE.DPDT. 10.AMP.30VDC.125C (32.5CPH) | LIFE LAB | 4.545 | | | | 66 | 2768 | 467[illegible]A |
| MEDIUM-POWER.MINIATURE. BALANCED-ARMATURE.DPDT. 10.AMP.30VDC.125C (5CPH) | LIFE LAB | 5.263 | | | | 66 | 2768 | 467[illegible]A |
| MEDIUM-POWER.MINIATURE. BALANCED-ARMATURE.DPDT. 10.AMP.30VDC.125C (51CPH) | LIFE ACC | 6.25 | | | | 66 | 2768 | 467[illegible]A |
| MEDIUM-POWER.MINIATURE. BALANCED-ARMATURE.DPDT. 10.AMP.30VDC.125C (14CPH) | LIFE ACC | 7.143 | | | | 66 | 2768 | 467[illegible]A |
| MEDIUM-POWER.MINIATURE. BALANCED-ARMATURE.DPDT. 10.AMP.30VDC.125C (32.5CPH) | LIFE ACC | 7.692 | | | | 66 | 2768 | 467[illegible]A |

PART CLASS 693 RECEPTACLES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | TB RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.E.C. | | | | | | | | | |
| | SINGLE-POINT-GROUND-FUSELAGE | AIR | • | 193.847 | 31 | .01596 | 63 | 1111 | 46724000 |
| | FITTING-TIE-DOWN-CARGO-COMPARTMENT | AIR | • | .948874 | 4752 | 2.4473 | 65 | 1227 | 46726000 |
| AIR-GROUND | PRESSURE-SUPPLY | AIR | 28.9434 | 81.4596 | 124 | .04775 | 63 | 1111 | 46728000 |
| BALL-LOK | AIR-INTAKE-DUCT | AIR | • | 10.0752 | 944 | .22894 | 65 | 1228 | 46730000 |
| BALL-LOK | AIR-INTAKE-DUCT | AIR | • | 13.1336 | 812 | .17532 | 64 | 1179 | 46732000 |
| BALL-LOK | AIR-INTAKE-DUCT | AIR | 3.86212 | 7.71801 | 1194 | 1.0557 | 67 | 1272 | 46734000 |
| BAYONET | DOOR-MECHANICAL-PWR-ENTRANCE | AIR | • | 23.2868 | 192 | .02886 | 65 | 1227 | 46736000 |
| BAYONET | DOOR-MECHANICAL-PERSONNEL-ENTRANCE | AIR | • | 15.9875 | 384 | .1645 | 66 | 1298 | 46738000A |
| BAYONET | DOOR-MECH-PERSONNEL-CARGO-COMP | AIR | • | 11.6434 | 384 | .19776 | 65 | 1227 | 46740000 |
| BAYONET | DOOR-MECHANICAL-PERSONNEL-CARGO-COMPARTMENT | AIR | • | 6.99678 | 648 | .329 | 64 | 1298 | 46742000A |
| EXTERNAL-EE | | AIR | 37.027 | 74.0143 | | .108 | 63 | 2118 | 46744000 |
| FITTING-TIE-DOWN | CARGO-COMPARTMENT | AIR | • | .569472 | 7524 | 4.072 | 66 | 1298 | 46746000 |
| GROUND | AIR-COND-VENT-SYSTEM | AIR | • | 93.1472 | 48 | .02472 | 63 | 1227 | 46748000 |
| GROUND | AIR-CONDITIONING-VENT-SYSTEM | AIR | • | 55.9834 | 76 | .04113 | 66 | 1298 | 46750000 |
| GROUND | AN/AIC-18-INTERPHONE | AIR | 15.5169 | 22.7285 | 907 | .91789 | 67 | 1272 | 46752000 |

PART CLASS  661 RESISTORS, VARIABLE

| PART DESCRIPTION .66 N.E.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SOURCE | CROSS INDEX REF | NO |
|---|---|---|---|---|---|---|---|---|---|---|
| | | SAY | * | 5.4583 | 48 | .423956 | 66 | 1226 | 46754 | |
| | | LAB | * | 24.7591 | 185 | .093 | 65 | 1224 | 46754 | |
| | | AIR | * | 29.1468 | | .079 | 61 | 1066 | 46758 | |
| | | AIR | * | 31.5424 | | .073 | 61 | 1066 | 46760 | |
| | | GRD | * | 180.757 | | .01274 | 64 | 1188 | 46762 | |
| | | AIR | * | 26.7744 | | .086 | 61 | 1066 | 46764 | |
| | | AIR | * | 14.1263 | | .163 | 61 | 1066 | 46766 | |
| | | GRD | * | 2.48125 | 486 | .928 | 65 | 193 | 46768 | |
| | | GRS | * | .617179 | 186 | 3.73 | 55 | 1189 | 46770 | |
| | | GRD | * | 52.4658 | | .04387 | 64 | 1188 | 46772 | |
| | FIR-SYSTEM.ENGINE-INSTRUMENT | AIR | * | 2.1347 | 58 | .68476 | 65 | 1188 | 46774 | |
| | | GRD | * | 3243.09 | | .00071 | 64 | 1188 | 46776 | |
| | AUTO-PILOT-JUNCTION-BOX | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 46778 | |
| | DIGITAL | GRD | * | .333904 | | 6.996 | 59 | 2001 | 46780 | |
| | | AIR | * | 2.05222 | | 1.122 | 62 | 2240 | 46782 | |
| | | LAB | * | 57.9218 | 8 | .04003 | 66 | 1269 | 46784 | |
| | AUTO-PILOT-JUNCTION-BOX | AIR | * | 99.9854 | 76 | .04115 | 64 | 1188 | 46786 | |
| | | GRD | * | | | | U | 2240 | 46788 | |
| | (STORAGE) | | .0946455 | .379542 | | 10.357 | 64 | 252 | 46790 | |
| | RADAR | SHP | .14 | | | | U | 2001 | 46792 | |
| | | SUB | .288452 | .36987 | 7326 | 85.576 | 7 | 1213 | 46794 | |
| | | SUB | .284091 | .432652 | 140 | 10.56 | 64 | 1241 | 46796 | |
| | | AIR | .4 | | | | 62 | 2240 | 46798 | |
| | RADAR | SHP | .4 | | | | U | 2001 | 46800 | |
| | | LAB | .414958 | 1.61548 | 2749 | 2.41 | 66 | 1258 | 46802 | |
| | RADAR | SHP | .5 | | | | U | 2001 | 46804 | |
| | TRANSMITTER | SHP | .5 | | | | U | 2001 | 46806 | |
| | | LAB | .5 | | | | 62 | 2240 | 46808 | |
| | | GEN | .52 | | | | U | 2001 | 46810 | |
| | GENERAL | GRD | .7 | | | | U | 2001 | 46812 | |
| | TRANSMITTER | SHP | .8 | | | | U | 2001 | 46814 | |
| | | SHP | .8 | | | | 60 | 2240 | 46816 | |
| | GENERAL.(CONTINUOSLY-ON) | SHP | .99 | | | | U | 2001 | 46818 | |
| | | GRD | .997142 | 1.41543 | 16875 | 15.043 | 64 | 1176 | 46820 | |
| | | GRD | 1.02065 | 1.41727 | 14774 | 16.65 | 64 | 1176 | 46822 | |
| | | GRD | 1.09349 | 2.90995 | 1683 | 1.82 | 63 | 1193 | 46824 | |
| | | SHP | 1.2 | | | | 62 | 2240 | 46826 | |
| | GENERAL.(CYCLED) | SHP | 1.3 | | | | U | 2001 | 46828 | |
| | | LAB | 1.6 | | | | 64 | 2020 | 46830 | |
| | | GRD | 1.63642 | 6.36518 | | .61109 | 63 | 2240 | 46832 | |
| | RADAR | AIR | 2 | | | .519 | U | 2001 | 46834 | |
| | RADAR | AIR | 2 | | | .469 | U | 2001 | 46836 | |
| | RADAR | SHP | 2.2 | | | | U | 2001 | 46838 | |
| | | AIR | 2.4 | | | | 57 | 2240 | 46840 | |
| | | AIR | 2.73224 | 10.6275 | | .364 | 61 | 1066 | 46842 | |

PART CLASS 661 RESISTORS, VARIABLE

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.E.C. | | | | | | | | | |
| | | AIR | 3.2 | | | | 64 | 2M20 | 46841000 |
| | | AIR | 3.47222 | 13.5059 | | .288 | 61 | 2240 | 46846000 |
| | | AIR | 4.184' | 16.2746 | | .239 | 61 | 1066 | 46846000 |
| | | AIR | 5.91716 | 11.8247 | | .676 | 61 | 1066 | 46850000 |
| | | AIR | 6 | | | | 62 | 2240 | 46852000 |
| | GENERAL | GRD | 7.2 | | | .729 | U | 200. | 46854000 |
| | | GRD | 7.32984 | 18.5382 | | 1.91 | 62 | 2240 | 46856000 |
| | | AIR GMD | 7.54717 | 20.0841 | 5470 | .265 | 65 | 1221 | 46859000 |
| | BOMB-NAVIGATION | AIR | 10 | | | | U | 2001 | 46860000 |
| | BOMB-NAVIGATION | AIR | 12 | | | .665 | 58 | 2001 | 46862000 |
| | | AIR | 12.3603 | 17.044 | 97 | .809 | 62 | 1095 | 46864000 |
| | | AIR | 12.5923 | 21.7531 | | .239 | 61 | 1066 | 46866000 |
| | COMPUTER | SHP | 17 | | | | U | 2001 | 46868000 |
| | | AIR | 17.7935 | 33.006 | | .291 | 61 | 1066 | 46870000 |
| | | GEN | 20 | | | | U | 2001 | 46872000 |
| | GENERAL | AIR | 20 | | | | U | 2001 | 46874000 |
| | | GRD | 20.3 | | | | 58 | 2240 | 46876000 |
| | | AIR | 21.978 | 58.4868 | | .091 | 61 | 1066 | 46878000 |
| | GENERAL | AIR | 22 | | | | U | 2001 | 46880000 |
| | | GRD | 22.6 | | | | 59 | 2240 | 46882000 |
| | BOMB-NAVIGATION | AIR | 23 | | | 8.9 | 57 | 2001 | 46884000 |
| | | GRD | 27.5 | | | | 64 | 2M20 | 46886000 |
| | AUTO-FLIGHT-CONTROL | AIR | 38 | | | .826 | 57 | 2001 | 46888000 |
| | BOMB-NAVIGATION | AIR | 70 | | | .238 | 61 | 2001 | 46890000 |
| | GENERAL | AIR | 75 | | | | 57 | 2001 | 46892000 |
| | INFRARED-SEARCH-AND-TRACK | AIR | 78 | | 2 | | 66 | 2006 | 46894000 |
| | GENERAL | AIR | 110 | | | | U | 2001 | 46896000 |
| | BOMB-NAVIGATION | AIR | 115 | | | .691 | 57 | 2001 | 46898000 |
| | GENERAL | AIR | 120 | | | .076 | U | 2001 | 46900000 |
| | AUTO-FLIGHT-CONTROL | AIR | 140 | | | | U | 2001 | 46902000 |
| | | SUS | 140.845 | 547.845 | 30 | .0071 | 65 | 1244 | 46904000 |
| | BOMB-NAVIGATION | AIR | 210 | | | .390 | 58 | 2001 | 46906000 |
| | BOMB-NAVIGATION | AIR | 900 | | | | U | 2001 | 46908000 |
| CARBON | | GRD | 270 | 349.592 | | .1 | 63 | 2240 | 46910000 |
| CARBON.COMPOSITION | (STORAGE) | | * | 5.61007 | | .4606 | 66 | 251 | 46912000A |
| CARBON.COMPOSITION | (STORAGE) | | * | .019045 | | 120.90 | 66 | 358 | 46914000A |
| CARBON.COMPOSITION | (STORAGE) | | * | 11.7002 | | .1968 | 66 | 251 | 46916000A |
| CARBON.COMPOSITION | | GEN | .42 | | | | 61 | 2N1 | 46918000 |
| CARBON.PRECISION.10-TURN | | SUB | 4000 | 7993.55 | 30 | .001 | 65 | 1248 | 46920000 |
| CARBON-DEPOSIT | | AIF | 1.27226 | 4.94872 | 900 | .786 | 64 | 1146 | 46922000 |
| CARBON-DEPOSIT | | AIR | 14.7928 | 27.4399 | 900 | .338 | 64 | 1146 | 46924000 |
| CARBON-DEPOSIT,PANEL-MOUNT | .(70-DEG-C,RP=100PC) | LAB | 6 | | | | 63 | 1127 | 46926000 |
| CHEM | | GRD | * | 577.892 | | .00329 | 64 | 1188 | 46928000 |
| CHEM | | GRD | * | 540.861 | | .00418 | 64 | 1188 | 46930000 |
| FILM | BOMB-NAVIGATION | AIR | 125 | | | .469 | 58 | 2001 | 46932000 |

PART CLASS 661 RESISTORS, VARIABLE

| PART DESCRIPTION .00 M.C.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| FILM.CARBON-DEPOSIT | (TTF) | LAB | * | 143.412 | 6 | .016 | 65 | 1217 | 46934000 |
| FILM.CARBON-DEPOSIT. MINIMUM | (RP=100PC) | LAB | 5 | | | | 63 | 1127 | 46936000 |
| FILM.METAL.2W.LIN.MULTITURN | | SUB | * | 2.3626 | 326 | 1.0 | 66 | 1239 | 46938000A |
| LEAD-MOUNT | | GRD | 6 | 35.3159 | | .0652 | 66 | 1236 | 46940000A |
| LINEAR-MOTION | | AIR | 5.0317 | 19.5718 | | .19874 | 63 | 1123 | 46942000 |
| LINEAR-PRECISION | (STORAGE) | | .337918 | 1.31439 | | 2.3993 | 66 | 252 | 46944000 |
| MOTOR.DRIVEN | | GEN | 375 | | | | U | 2001 | 46946000 |
| NON-WIREWOUND.MIL-R-22097 | | LAB | * | 8.22357 | 149 | .28 | 67 | 1267 | 46948000A |
| POTENTIOMETER | | QUAL TEST | 13.5338 | 21.3424 | | .665 | 58 | 2L2 | 46950000 |
| POTENTIOMETER.WIREWOUND | | QUAL TEST | 11.0062 | 18.5077 | | .636 | 58 | 2L2 | 46952000 |
| POTENTIOMETERS | (STORAGE) | | * | .043587 | | 38.212 | 66 | 2521 | 46954000A |
| POTENTIOMETERS | (STORAGE) | | * | .057176 | | 40.272 | 66 | 2521 | 46956000A |
| POTENTIOMETERS | | AIR | * | 227.98 | 30 | .0101 | 62 | 1095 | 46958000A |
| POTENTIOMETERS | CONTROL.STABILIZER.HORIZONTAL | AIR | * | 26.2673 | 484 | .08766 | 64 | 1179 | 46960000 |
| POTENTIOMETERS | | GRD | * | 193.506 | 38 | .015 | 62 | 1076 | 46962000 |
| POTENTIOMETERS | CONTROL.STABILIZER.HORIZONTAL | AIR | * | 20.1505 | 473 | .11427 | 65 | 1228 | 46964000 |
| POTENTIOMETERS | | GEN | 2.53007 | 5.65211 | | 1.182 | 62 | 1078 | 46966000 |
| POTENTIOMETERS | | LAB | 3 | | | | 63 | 1138 | 46968000 |
| POTENTIOMETERS | | SIM AIR | 6.993 | 18.6094 | 1496 | .286 | 63 | 1108 | 46970000 |
| POTENTIOMETERS | | AIR | 20 | | | | 61 | 1068 | 46972000 |
| POTENTIOMETERS | | AIR GND | 23.2584 | 25.47 | | 8.9 | 57 | 2L2 | 46974000 |
| POTENTIOMETERS | | MSL | 27.845 | 56.8604 | | .826 | 57 | 2L2 | 46976000 |
| POTENTIOMETERS | | AIR | 30.1724 | 90.7266 | 1840 | .232 | 62 | 1095 | 46978000A |
| POTENTIOMETERS | | AIR | 38.6 | | | | 57 | 2L2 | 46980000 |
| POTENTIOMETERS | | | 40 | | | | 58 | 2R18 | 46982000 |
| POTENTIOMETERS | GAIN-CHANGER.HORIZONTAL-TAIL | AIR | 49.5649 | 91.8287 | 880 | .101 | 62 | 1095 | 46984000A |
| POTENTIOMETERS | POSITION.AILERON | AIR | 53.2651 | 98.8036 | | .09387 | 63 | 1123 | 46986000 |
| POTENTIOMETERS | | AIR | 54.5454 | 121.469 | 320 | .055 | 61 | 1080 | 46988000A |
| POTENTIOMETERS | FEEDBACK.DUCT-INLET.VARI-RAMP | AIR | 65.7894 | 295.981 | 120 | .0152 | 62 | 1095 | 46990000A |
| POTENTIOMETERS | | AIR | 94.1127 | 148.551 | | .06563 | 66 | 1241 | 46992000 |
| POTENTIOMETERS | | AIR | 109.89 | 203.839 | 360 | .0455 | 62 | 1095 | 46994000 |
| POTENTIOMETERS | ROLL-BULKHEAD | MSL | 120 | | | | 58 | 2L2 | 46996000 |
| POTENTIOMETERS | | GRD | 126.582 | 492.367 | | .0079 | 62 | 1135 | 46998000 |
| POTENTIOMETERS | | MSL | 131.578 | 202.719 | | .076 | 57 | 2L2 | 47000000 |
| POTENTIOMETERS | | MSL | 141 | | | | 57 | 2L2 | 47002000 |
| POTENTIOMETERS | | AIR | 142.857 | 211.685 | | .084 | 58 | 1070 | 47004000 |
| POTENTIOMETERS | FEED-BACK.NOSE-WHEEL-STEERING | AIR | 153.139 | 595.686 | 43 | .00653 | 66 | 1240 | 47006000A |
| POTENTIOMETERS | FOLLOW-UP.FLIGHT-CONTROL | AIR | 172.281 | 271.937 | 344 | .05224 | 66 | 1240 | 47008000A |
| POTENTIOMETERS | | AIR | 198.019 | 526.96 | 80 | .0101 | 62 | 1095 | 47010000A |
| POTENTIOMETERS | POSITION.ELEVON | AIR | 279.279 | 355.223 | 640 | .111 | 61 | 1080 | 47012000A |
| POTENTIOMETERS | GAIN-CHANGER.DUAL-ROLL.AUTOPILOT | AIR | 350.59 | 447.763 | | .08557 | 63 | 1123 | 47014000 |
| POTENTIOMETERS | VALVE.PRESSURE.REGULATOR-GASEOUS.HYDROGEN | QUAL TEST | 500C | 627.472 | 6 | .0102 | 65 | 2340 | 47016000A |
| | | SUB | 666.666 | 1774.1 | 90 | .003 | 65 | 1246 | 47018000 |

PART CLASS 461 RESISTORS, VARIABLE

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | TR OF DATA RPT | SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.S.C. | | | | | | | | | |
| POTENTIOMETERS | INBOARD-RUDDER-GEAR-DRIVE | GRD | 869.565 | 2314.04 | | .0023 | 62 | 1135 | 47029000 |
| POTENTIOMETERS | INBOARD-AILERON-GEAR-DRIVE | GRD | 1304.34 | 3684.69 | | .0023 | 62 | 1135 | 47029000 |
| | | SHP | 60.015 | 419.933 | 40 | .06665 | 65 | 1223 | 47024000 |
| POTENTIOMETERS. AMPLITUDE-ADJUST | | | .25 | | | | 62 | 201 | 47026000 |
| POTENTIOMETERS. CARBON-DEPOSIT | | AIR | 250 | | | | 57 | 2L1 | 47029000 |
| POTENTIOMETERS. CARBON-DEPOSIT | | LAB | .25 | | | | 63 | 1138 | 47038000 |
| POTENTIOMETERS. CARBON-DEPOSITED | | AIR GND | 93.0232 | 261.832 | 275 | .01075 | 65 | 1168 | 47032000 |
| POTENTIOMETERS. SWITCH-ASSEMBLY | | SUB | 78.7 | | | | 63 | 1092 | 47034000 |
| POTENTIOMETERS.AC.VERNISTAT | | GRD | 38.5851 | 98.3587 | | .418 | 62 | 1072 | 47036000 |
| POTENTIOMETERS.CARBON | | LAB | 5 | | | | 63 | 1138 | 47038000 |
| POTENTIOMETERS.COMPUTING | | LIFE ACC | 0 | 164.471 | 3 | .014 | 64 | 1229 | 47040000 |
| POTENTIOMETERS.FILM. TRIMMER.MIL-R-22097B | | AIR | 13.2 | | | | 57 | 2L1 | 47042000 |
| POTENTIOMETERS.GENERAL | | AIR | 20 | | | | 57 | 2L1 | 47044000 |
| POTENTIOMETERS.GENERAL | | AIR | 22.1 | | | | 57 | 2L1 | 47046000 |
| POTENTIOMETERS.GENERAL | | AIR | 24.8 | | | | 57 | 2L1 | 47048000 |
| POTENTIOMETERS.GENERAL | | AIR | 25.8 | | | | 57 | 2L1 | 47050000 |
| POTENTIOMETERS.GENERAL | | AIR | 32.5 | | | | 57 | 2L1 | 47052000 |
| POTENTIOMETERS.GENERAL | | GRD | 80 | | | | 57 | 2L1 | 47054000 |
| POTENTIOMETERS.GENERAL | | GRD | 131 | | | | 57 | 2L1 | 47056000 |
| POTENTIOMETERS.HIGH-SPEED | | GRD | 4350 | | | | 67 | 2L5 | 47058000 |
| POTENTIOMETERS.LINEAR | WING-INCIDENCE.AUTOPILOT | AIR | 20.1267 | 53.5404 | | .09937 | 63 | 1123 | 47060000 |
| POTENTIOMETERS.LINEAR | NOSE-GEAR-STEERING | AIR | 24.1011 | 52.1681 | | .13325 | 63 | 1123 | 47062000 |
| POTENTIOMETERS.LINEAR. CONDUCTIVE-PLASTIC.2W | | SIN SAT | 0 | 2055.89 | 1 | .00152 | 65 | 1184 | 47064000 |
| POTENTIOMETERS.LINEAR. R/H-L/H | RUDDER-PEDAL | AIR | 87.6473 | 124.413 | | .02184 | 63 | 1137 | 47066000 |
| POTENTIOMETERS.MOLDED | | LAB | 7 | | | | 63 | 1138 | 47068000 |
| POTENTIOMETERS.MOLDED | | AIR | 468.7 | | | | 57 | 2L1 | 47070000 |
| POTENTIOMETERS.MOLDED | | GRD | 695 | | | | 57 | 2L1 | 47072000 |
| POTENTIOMETERS.MOTOR DRIVEN.DUAL-FUNCTION | | AIR GND | 48.7856 | 129.812 | 810 | .041 | 65 | 1221 | 47074000 |
| POTENTIOMETERS.MOTOR-DRIVEN | | LAB | 5.49 | | | | 63 | 1138 | 47076000 |
| POTENTIOMETERS.MOTOR-DRIVEN | | AIR | 250 | | | | 61 | 1089 | 47078000 |
| POTENTIOMETERS.PLASTIC | | MSL | 666.666 | 1774.1 | | .003 | 57 | 2L3 | 47080000 |
| POTENTIOMETERS.PRECISION | | | 2 | | | | 62 | 2022 | 47082000 |
| POTENTIOMETERS.RECTILINEAR | ELEVATOR-ACTUATOR. HYDRAULIC-CONTROL-SYSTEM | GRD | 434.782 | 1691.17 | | .0023 | 62 | 1135 | 47084000 |
| POTENTIOMETERS.RECTILINEAR | THRUST-VECTOR-ACTUATOR-CONTROL. HYDRAULIC-CONTROL-SYSTEM | GRD | 869.565 | 2314.04 | | .0023 | 62 | 1135 | 47086000 |

SECTION I FAILURE RATE DATA

PART CLASS 661 RESISTORS, VARIABLE

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART FORMULATION | PART HOURS | YR OF DATA | DATA SOURCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| POTENTIOMETERS.RECTILINEAR | THRUST-VECTOR-ACTUATOR(PITCH). HYDRAULIC-CONTROL-SYSTEM | GRD | 1304.34 | 2904.69 | | .0023 | 63 | 1138 | 47088000 |
| POTENTIOMETERS.TRIMMER | | | .9 | | | | 62 | 2822 | 47090000 |
| POTENTIOMETERS.VERNISTAT | | SUB | .627878 | .818062 | 569 | 43.09 | 66 | 1261 | 47092000A |
| POTENTIOMETERS.WIRE-WOUND | | AIR GND | 5.46215 | 6.34964 | | 14.097 | 66 | 216 | 47094000 |
| POTENTIOMETERS.WIRE-WOUND | | AIR | 7.7 | | | | 57 | 2L1 | 47094000 |
| POTENTIOMETERS.WIRE-WOUND | | AIR | 15.6 | | | | 57 | 2L1 | 47096000 |
| POTENTIOMETERS.WIRE-WOUND | | AIR GND | 20 | | | | 61 | 2L2 | 47100000 |
| POTENTIOMETERS.WIRE-WOUND | | AIR | 20.8 | | | | 57 | 2L1 | 47102000 |
| POTENTIOMETERS.WIRE-WOUND | | AIR GND | 22.5866 | 26.4483 | | 3.10 | 57 | 2L2 | 47104000 |
| POTENTIOMETERS.WIRE-WOUND | | GRD | 187.5 | 295.638 | | .048 | 57 | 2L2 | 47106000 |
| POTENTIOMETERS.WIRE-WOUND | | AIR GND | 196.61 | 234.01 | | .295 | 57 | 2L2 | 47108000 |
| POTENTIOMETERS.WIRE-WOUND | | GRD | 333 | | | | 57 | 2L1 | 47110000 |
| POTENTIOMETERS.WIRE-WOUND | | MSL | 333.333 | 742.311 | | .009 | 57 | 2L2 | 47112000 |
| POTENTIOMETERS.WIRE-WOUND | | MSL | 417 | | | | 57 | 2L1 | 47114000 |
| POTENTIOMETERS.WIRE-WOUND | | AIR | 700 | | | | 57 | 2L1 | 47116000 |
| POTENTIOMETERS.WIRE-WOUND | | GRD | 803 | | | | 57 | 2L2 | 47118000 |
| POTENTIOMETERS.WIRE-WOUND MOTOR-DRIVEN | | AIR GND | * | 8.00347 | | .2877 | 66 | 216 | 47120000 |
| POTENTIOMETERS.WIREWOUND | | LAB | 1.4 | | | | 63 | 1138 | 47122000 |
| POTENTIOMETERS.WIREWOUND | | AIR GND | 2.24315 | 4.18092 | | 2.229 | 63 | 1096 | 47124000 |
| POTENTIOMETERS.WIREWOUND | | GEN | 4.75805 | 5.71016 | | 15.139 | 62 | 1078 | 47126000 |
| POTENTIOMETERS.WIREWOUND | | GRD | 85.2575 | 103.299 | | .563 | 62 | 1072 | 47128000 |
| POTENTIOMETERS.WIREWOUND | | GRD | 5750 | 6996.5 | | .008 | 61 | 1081 | 47130000 |
| POTENTIOMETERS.WIREWOUND MINIATURE | | LAB | 1.2 | | | | 63 | 1138 | 47132000 |
| POTENTIOMETERS.WIREWOUND. MECHANICAL-DRIVEN | | LAB | 500C | 927.47C | 6 | .01C | 66 | 1264 | 47134000A |
| POTENTIOMETERS.WIREWOUND. MINIATURE,10-SQR-WNS | | LAB | 1.21 | | | | 63 | 1138 | 47136000 |
| POTENTIOMETERS.WIREWOUND. MINIATURE,100-OHMS | | LAB | 1.19 | | | | 63 | 1138 | 47138000 |
| POTENTIOMETERS.WIREWOUND. MINIATURE,20K-OHMS | | LAB | 1.23 | | | | 63 | 1138 | 47140000 |
| POTENTIOMETERS.WIREWOUND. MOTOR-DRIVEN | | GEN | 2.5 | | | 4.05 | 62 | 1078 | 47142000 |
| POTENTIOMETERS.WIREWOUND. TRIMMER,MIL-R-27208A | | LIFE ACC | * | 65.7885 | 8 | .035 | 66 | 1229 | 47144000 |
| POTENTIOMETERS.WIREWOUND. TRIMMER,MIL-R-27208A. MIL-STD-202 | | SHP | .14709. | .391432 | 3047 | 13.597 | 65 | 1243 | 47146000 |
| POTENTIOMETERS.WIREWOUND. TRIMMING | | GRD | 2 | | | | 69 | 1290 | 47148000 |
| POTENTIOMETERS | | GRD | 3.37913 | 4.31573 | 1210 | 0.878 | 64 | 1210 | 47150000 |
| POTENTIOMETERS | | LAB | 7 | | | | 61 | 1006 | 47152000 |

PART CLASS 661 RESISTORS, VARIABLE

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 60 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.E.C. | | | | | | | | | |
| PRECISION | | SUB AIR | 120.096 | 166.709 | 506 | .1416 | 65 | 1195 | 47154000A |
| PRECISION.MIL-R-94 | | LAB | 5 | | | | 61 | 1086 | 47156000 |
| RHEOSTAT | AIR-CONDITIONING-SYSTEM | AIR GND | 505.05 | 1124.71 | | .00594 | 62 | 2320 | 47158000 |
| RHEOSTATS | TEMPERATURE-SELECTOR.AIR-CONDITION-CARGO | AIR | * | 27.1597 | 50 | .08478 | 63 | 1198 | 47160000 |
| RHEOSTATS | | LAB | .13 | | | | 63 | 1138 | 47162000 |
| RHEOSTATS | TEMPERATURE-SELECTOR.AIR-CONDITION-CARGO | AIR | 7.8796 | 30.6492 | 50 | .12691 | 65 | 1198 | 47164000 |
| RHEOSTATS | TEMPERATURE-SELECTOR.AIR-CONDITION-CARGO | AIR | 8.59328 | 33.4252 | 100 | .11637 | 65 | 1198 | 47166000 |
| RHEOSTATS | TEMPERATURE-SELECTOR.AIR-CONDITION-CARGO | AIR | 11.3636 | 44.2011 | 102 | .088 | 63 | 1114 | 47168000 |
| RHEOSTATS | TEMPERATURE-SELECTOR.AIR-CONDITION.FLIGHT-DECK | AIR | 11.7952 | 45.8799 | 50 | .08478 | 63 | 1198 | 47170000 |
| RHEOSTATS | TEMPERATURE-SELECTOR.AIR-CONDITION.FLIGHT-DECK | AIR | 13.3333 | 51.8626 | 50 | .075 | 63 | 1114 | 47172000 |
| RHEOSTATS | TEMPERATURE-SELECTOR.AIR-CONDITION.FLIGHT-DECK | AIR | 22.7272 | 60.4806 | 102 | .088 | 63 | 1114 | 47174000 |
| RHEOSTATS | CONTROL.LIGHTING-SYSTEM | AIR | 29.8362 | 36.557 | 850 | 1.4412 | 63 | 1198 | 47176000 |
| RHEOSTATS | CONTROL.LIGHTING-SYSTEM | AIR | 31.2061 | 36.5942 | 1900 | 2.2111 | 65 | 1198 | 47178000 |
| RHEOSTATS | CONTROL.LIGHTING-SYSTEM | AIR | 32.967 | 40.4933 | 850 | 1.274 | 63 | 1114 | 47180000 |
| RHEOSTATS | CONTROL.LIGHTING-SYSTEM | AIR | 36.8271 | 45.5987 | 1224 | 1.059 | 63 | 1114 | 47182000 |
| RHEOSTATS | CONTROL.LIGHTING-SYSTEM | AIR | 37.4285 | 44.6181 | 600 | 1.5229 | 65 | 1198 | 47184000 |
| RHEOSTATS | FREQUENCY-AND-LOAD-CONTROL | AIR | 111.111 | 432.188 | 32 | .009 | 59 | 1110 | 47186000 |
| RHEOSTATS | CONTROL.LIGHTING-SYSTEM | AIR | 200 | 445.386 | 68 | .015 | 63 | 1114 | 47188000 |
| RHEOSTATS | CONTROL.INTERIOR-LIGHTING | AIR | 323.624 | 525.675 | 48 | .02472 | 65 | 1221 | 47190000 |
| RHEOSTATS | CONTROL.INTERIOR-LIGHTING | AIR | 607.828 | 795.312 | 76 | .04113 | 66 | 1250 | 47192000A |
| THERMISTOR | | SUB | .344828 | 1.34127 | 108 | 2.9 | 66 | 1239 | 47194000A |
| TRIMMER | BOMB-NAVIGATION | AIR | * | 18.7203 | | .123 | 58 | 2001 | 47196000 |
| TRIMMER | | GRD | .500387 | .571996 | 25003 | 193.85 | 64 | 1210 | 47198000 |
| TRIMMER | | LAB | 2.5 | | | | 60 | 1086 | 47200000 |
| TRIMMER | | LAB | 5 | | | | 61 | 1086 | 47202000 |
| TRIMMER | RADAR | AIR | 180 | | | .393 | 58 | 2001 | 47204000 |
| TRIMMER.CARBON-COMPOSITION | (STORAGE) | | * | 17.0059 | | .1354 | 66 | 252 | 47206000A |
| TRIMMER.WIREWOUND | (STORAGE) | | * | 1.53804 | | 1.4971 | 66 | 253 | 47208000A |
| TRIMMER.WIREWOUND | (STORAGE) | | * | .986407 | | 2.3367 | 66 | 252 | 47210000A |
| TRIMMER.WIREWOUND | (STORAGE) | | * | 63.7839 | | .0361 | 66 | 259 | 47212000A |
| TRIMMER.WIREWOUND | (STORAGE) | | * | 2.17554 | | 1.0584 | 66 | 254 | 47214000A |
| TRIMMER.WIREWOUND | (STORAGE) | | * | .494481 | | 4.6566 | 66 | 251 | 47216000A |
| TRIMMER.WIREWOUND | (STORAGE) | | * | 1.17985 | | 1.9518 | 66 | 252 | 47218000A |
| TRIMPOT | | | 2.54065 | 5.0772 | | 1.5744 | 66 | 251 | 47220000A |
| UNDER-1M | | SUB AIR | 4.16493 | 5.27502 | 2438 | .7203 | 65 | 1195 | 47222000A |
| WIRE-WOUND-ROTOR-DRUM | | GRD | * | 184.942 | | .01396 | 64 | 1180 | 47224000 |
| WIREWOUND | (-25F) | GEN | 4.17 | | | | 61 | 2NI | 47226000 |
| | | LIFE ACC | * | 5.73071 | 90 | .4018 | 65 | 1217 | 47228000 |

SECTION I FAILURE RATE DATA

PART CLASS 641 RESISTORS, VARIABLE

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF DATA RPT | SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .05 N.R.C. | | | | | | | | | |
| WIREWOUND | | LAB | * | 21.6226 | | .18549 | 65 | 2240 | 47230000 |
| WIREWOUND | | GRD | * | 1117.76 | 121 | .00206 | 61 | 1069 | 47232000A |
| WIREWOUND | | AIR | 5 | .772685 | 5420 | 2.98 | 64 | 1146 | 47234000 |
| WIREWOUND | (STORAGE) | | 0 | 2.07497 | | 1.1897 | 66 | 252 | 47236000A |
| WIREWOUND | | SHIP AIR | * | 366.636 | 12 | .00828 | 64 | 1151 | 47238000A |
| WIREWOUND | | SHIP AIR | * | 27.7957 | 80 | .00284 | 64 | 1150 | 47240000A |
| WIREWOUND | .(125F) | LIFE ACC | * | 5.79877 | 98 | .4818 | 65 | 1217 | 47242000 |
| WIREWOUND | | SUB | * | 4.88874 | 180 | .471 | 63 | 1092 | 47244000 |
| WIREWOUND | .(RP=.005) | GRD | * | 762.45 | 4 | .00502 | 65 | 1177 | 47246000A |
| WIREWOUND | | GRD | * | 1117.76 | 121 | .00206 | 61 | 1069 | 47248000A |
| WIREWOUND | .(STRESS-RATIO=.1) | LAB | * | 45.5893 | 99 | .08073 | 64 | 1154 | 47250000 |
| WIREWOUND | | GRD | * | 791.271 | | .00291 | 64 | 1180 | 47252000 |
| WIREWOUND | | LAB | * | 18.9826 | 291 | .1213 | 66 | 1233 | 47254000A |
| WIREWOUND | | LAB | .115607 | .449676 | 2801. | 8.65 | 65 | 1167 | 47256000 |
| WIREWOUND | | AIR | .2 | | | | 62 | 2240 | 47258000 |
| WIREWOUND | | GEN | .391 | | | | 61 | 1079 | 47260000 |
| WIREWOUND | | GEN | .48 | | | | 61 | 241 | 47262000 |
| WIREWOUND | | SHP | .48 | | | | 62 | 2240 | 47264000 |
| WIREWOUND | | LAB | .523581 | 1.03521 | 528 | 1.9112 | 65 | 1217 | 47266000 |
| WIREWOUND | | AIR | 3.63872 | 4.75453 | 33418. | 6.66 | 66 | 1253 | 47268000A |
| WIREWOUND | | GRD | 4.18991 | 6.47066 | | 2.391 | 66 | 1250 | 47270000A |
| WIREWOUND | | LAB | 4.22195 | 7.09945 | 1911 | 1.658 | 66 | 1290 | 47272000A |
| WIREWOUND | RADAR | AIR | 5.1 | | | .860 | 58 | 2801 | 47274000 |
| WIREWOUND | | SHIP AIR | 5.26315 | 14.006 | 1290 | .38 | 63 | 1108 | 47276000 |
| WIREWOUND | RADAR | AIR | 6.4 | | | .217 | 60 | 2801 | 47278000 |
| WIREWOUND | | GRD | 9.19315 | 85.6883 | 21 | .10899 | 65 | 1189 | 47280000 |
| WIREWOUND | | AIR | 13.2013 | 26.3813 | 69 | .503 | 62 | 1093 | 47282000 |
| WIREWOUND | BOMB-NAVIGATION | AIR | 22 | | | 2.730 | 58 | 2001 | 47284000 |
| WIREWOUND | | AIR | 41.8804 | 90.1492 | 5420 | 1.29 | 64 | 1146 | 47286000 |
| WIREWOUND | | GRD | 43.4782 | 76.3195 | | .138 | 63 | 1100 | 47288000 |
| WIREWOUND | | SHIP AIR | 69.3981 | 87.3184 | | .158 | 63 | 1100 | 47290000 |
| WIREWOUND | | SHIP AIR | 200 | 249.097 | | .183 | 63 | 1103 | 47292000A |
| WIREWOUND | | AIR | 467.113 | 805.536 | | .89334 | 58 | 2240 | 47294000 |
| WIREWOUND | | GRD | 433.333 | 563.94 | | .06 | 63 | 2240 | 47296000 |
| WIREWOUND | | GRD | 793.65 | 1472.17 | 242 | .0665 | 61 | 1069 | 47298000A |
| WIREWOUND.ACCURATE | .(STRESS-RATIO=.3) | SHIP AIR | * | 2302.6 | 4 | .001 | 64 | 1154 | 47300000 |
| WIREWOUND.ACCURATE | | GEN | .37 | | | | U | 2801 | 47302000 |
| WIREWOUND.ACCURATE | | GEN | 1.3 | | | | U | 2001 | 47304000 |
| WIREWOUND.ACCURATE | | GEN | 2 | | | | U | 2001 | 47306000 |
| WIREWOUND.ACCURATE | | GEN | 2 | | | | U | 2001 | 47308000 |
| WIREWOUND.ACCURATE | | GEN | 5.3 | | | | U | 2001 | 47310000 |
| WIREWOUND.AR-STYLE | | SHP | .424448 | 1.65897 | 578 | 2.956 | 65 | 1243 | 47312000 |
| WIREWOUND.JAN-R-19 | | LAB | 7 | | | | 61 | 1086 | 47314000 |
| WIREWOUND.LOW-TURN. MIL-R19A | .(RP=.06) | GRD | * | 762.45 | 4 | .00302 | 65 | 1177 | 47316000A |

PART CLASS 661 RESISTORS, VARIABLE

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.S.C. | | | | | | | | | |
| WIREWOUND.LOW-POWER | | GRD | .980416 | 1.95925 | 560 | 4.0799 | 64 | 1210 | 47318000 |
| WIREWOUND.LOW-POWER | | AIR GND | 8.94226 | 32.2181 | | 2.12 | 61 | 1007 | 47320000 |
| WIREWOUND.LOW-POWER | | AIR GND | 11.2676 | 22.517 | | .353 | 62 | 1007 | 47322000 |
| WIREWOUND.LOW-POWER | | AIR GND | 15.9041 | 26.9676 | | .392 | 62 | 1007 | 47324000 |
| WIREWOUND.MIL-R-19 | | LAB | • | 4.00452 | 544 | .575 | 64 | 1218 | 47326000A |
| WIREWOUND.MIL-R-19 | | GRD | .482968 | .694284 | 4984 | 28.991 | 65 | 1208 | 47328000A |
| WIREWOUND.MIL-R-19 | | SHP AIR | 26.3157 | 102.36 | 594 | .938 | 64 | 1129 | 47330000 |
| WIREWOUND.MIL-R-19 | | AIR | 29.4117 | 47.7746 | 1296 | .272 | 66 | 1253 | 47332000A |
| WIREWOUND.MIL-R-19A | | SHP AIR | • | 138.961 | 16 | .01657 | 64 | 1150 | 47334000A |
| WIREWOUND.MIL-R-19A | | SHP AIR | • | 755.312 | 6 | .00314 | 64 | 1151 | 47336000A |
| WIREWOUND.MIL-R-22 | | LAB | 3 | | | | 61 | 1006 | 47338000 |
| WIREWOUND.MIL-R-27208 | | LAB | • | 2.39854 | 912 | .96 | 65 | 1267 | 47340000A |
| WIREWOUND.MIL-R-27208 | | SHP AIR | • | 244.437 | 16 | .00942 | 64 | 1151 | 47342000A |
| WIREWOUND.MIL-R-27208 | | LAB | • | 1.47602 | 852 | 1.56 | 67 | 1267 | 47344000A |
| WIREWOUND.MIL-R-27208 | | AIR | 1.14942 | 2.13211 | 20416 | 4.35 | 66 | 1253 | 47346000A |
| WIREWOUND.MIL-STD-203 | | AIR | • | 16.9508 | 638 | .136 | 66 | 1253 | 47348000A |
| WIREWOUND.MOTOR-DRIVEN | | SHP | 4.17 | | | | 62 | 2248 | 47350000 |
| WIREWOUND.NON-LINEAR.1-TURN | | GRD | • | 1524.9 | 2 | .00151 | 65 | 1177 | 47352000A |
| WIREWOUND.OVER-LOW | | GRD | • | 943.688 | | .00244 | 64 | 1198 | 47354000 |
| WIREWOUND.PANEL-MOUNT | .(40-DEGREE-C.RP=100PC) | LAB | 5 | | | | 63 | 1127 | 47356000 |
| WIREWOUND.TRIGONOMETRIC. ONE-TURN | .(RP=.03) | GRD | • | 1524.9 | 2 | .00151 | 65 | 1177 | 47358000A |
| WIREWOUND.TRIMMER | .(CALENDAR) | GRD | • | 5.44349 | | .423 | 65 | 1204 | 47360000 |
| WIREWOUND.TRIMMER | .(OPERATING) | GRD | • | 4.01849 | | .573 | 65 | 1204 | 47362000 |
| WIREWOUND.TRIMMER | .(CALENDAR) | GRD | • | .098803 | | 23.309 | 65 | 1204 | 47364000 |
| WIREWOUND.TRIMMER | .(OPERATING) | GRD | • | .278563 | | 8.266 | 65 | 1204 | 47366000 |
| WIREWOUND.TRIMMER | .(STORAGE) | LAB | • | .147489 | | 15.612 | 65 | 1204 | 47368000 |
| WIREWOUND.TRIMMER | (STORAGE) | | • | .04892 | | 47.069 | 66 | 251 | 47370000A |
| WIREWOUND.TRIMMER | .(CALENDAR) | GRD | • | 1.87661 | | 1.227 | 65 | 1204 | 47372000 |
| WIREWOUND.TRIMMER | .(OPERATING) | LAB | • | .320607 | | 7.182 | 65 | 1204 | 47374000 |
| WIREWOUND.TRIMMER | | GRD | • | .355394 | 49 | 6.479 | 63 | 1116 | 47376000 |
| WIREWOUND.TRIMMER | .(CALENDAR) | GRD | • | .260269 | | 8.847 | 65 | 1204 | 47378000 |
| WIREWOUND.TRIMMER | | LAB | • | .3955 | | 5.822 | 63 | 1116 | 47380000 |
| WIREWOUND.TRIMMER | | GRD | • | 5.71364 | 6 | .403 | 63 | 1116 | 47382000 |
| WIREWOUND.TRIMMER | | GRD | • | .55753 | 49 | 4.13 | 63 | 1116 | 47384000 |
| WIREWOUND.TRIMMER | | GRD | • | 1.0812 | 16 | 1.224 | 63 | 1116 | 47386000 |
| WIREWOUND.TRIMMER | .(OPERATING) | GRD | • | 27.4119 | | .084 | 65 | 1204 | 47388000 |
| WIREWOUND.TRIMMER | .(OPERATING) | GRD | • | 9.43688 | | .244 | 65 | 1204 | 47390000 |
| WIREWOUND.TRIMMER | .(OPERATING) | GRD | • | 1.54226 | | 1.493 | 65 | 1204 | 47392000 |
| WIREWOUND.TRIMMER | .(CALENDAR) | GRD | • | .384728 | | 5.985 | 65 | 1204 | 47394000 |
| WIREWOUND.TRIMMER | (STORAGE) | | • | .259509 | | 8.8729 | 66 | 251 | 47396000A |
| WIREWOUND.TRIMMER | .(OPERATING) | GRD | • | 10.2794 | | .224 | 65 | 1204 | 47398000 |
| WIREWOUND.TRIMMER | .(OPERATING) | GRD | • | 71.9562 | | .032 | 65 | 1204 | 47400000 |
| WIREWOUND.TRIMMER | .(CALENDAR) | GRD | • | .0248?1 | | 92.582 | 65 | 1204 | 47402000 |
| WIREWOUND.TRIMMER | .(CALENDAR) | GRD | • | .589503 | | 3.906 | 65 | 1204 | 47404000 |

PART CLASS 661 RESISTORS, VARIABLE

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 M.C.C. | | | | | | | | | |
| WIREWOUND.TRIMMER | DIGITAL | GRD | • | 1.35926 | | 1.699 | 60 | 2001 | 47408000 |
| WIREWOUND.TRIMMER | DIGITAL | GRD | • | 1.44817 | | 1.590 | 60 | 2001 | 47408000 |
| WIREWOUND.TRIMMER | DIGITAL | GRD | • | 21.1247 | | .109 | 60 | 2001 | 47410000 |
| WIREWOUND.TRIMMER. MINIATURE | .(RP=100PC) | LAB | 2 | | | | 63 | 1127 | 47412000 |
| WIREWOUND.TRIMMER.MIL-R27208 | | SIM AIR | • | 175.77 | 65 | .0131 | 65 | 1199 | 47414000A |
| WIREWOUND.TRIMMER.MIL-R27208 | .(RP=.01-.1) .(RP=.11-.2) | SIM AIR | • | 9.7858 | 1170 | .2353 | 65 | 1199 | 47416000A |
| WIREWOUND.TRIMMER.MIL-R27208 | | SUB | • | 2.53978 | | .90662 | 64 | 1149 | 47418000 |
| WIREWOUND.TRIMMER.MIL-R-94 | | SIM AIR | • | 4.62276 | 3942 | .4981 | 66 | 1231 | 47420000A |
| WIREWOUND.TRIMMER.MIL-R-94 | | SIM AIR | • | 83.1263 | 219 | .0277 | 66 | 1231 | 47422000A |
| WIREWOUND.TRIMMER.1-TURN | | GRD | • | 1524.9 | 2 | .00151 | 65 | 1177 | 47424000A |
| WIREWOUND.UNDER-1W | | GRD | (298.) | 5031.55 | | .00077 | 64 | 1180 | 47426000 |
| WIREWOUND.1-TURN.MIL-R-27208 | .(RP=.001) | GRD | • | 152.49 | 20 | .0151 | 65 | 1177 | 47428000A |
| WIREWOUND.1-1/2W.1K-OHM | | AIR GND | 186.046 | 495.097 | 275 | .01075 | 65 | 1188 | 47430000 |
| WIREWOUND.1/3W | | GRD | • | 341.125 | 450 | .00675 | 62 | 1159 | 47432000A |
| WIREWOUND.1/3W | | GRD | • | 557.53 | 242 | .00413 | 61 | 1069 | 47434000A |
| WIREWOUND.1/4W | | GRD | • | 150.496 | 1210 | .0153 | 61 | 1069 | 47436000A |
| WIREWOUND.1/4W.10K-OHM | | AIR GND | 186.133 | 371.966 | 550 | .02149 | 65 | 1188 | 47438000 |
| WIREWOUND.1/4W.10K-OHM | | AIR GND | 186.741 | 496.946 | 216 | .01071 | 65 | 1188 | 47440000 |
| WIREWOUND.1W | | GRD | • | 557.53 | 242 | .00413 | 61 | 1069 | 47442000A |
| WIREWOUND.1W | | GRD | 273.722 | 609.562 | 726 | .01096 | 61 | 1069 | 47444000A |
| WIREWOUND.1W | | GRD | 1132.73 | 2303.61 | 300 | .00347 | 62 | 1159 | 47446000A |
| WIREWOUND.1W | | GRD | 1447.36 | 2185.96 | 300 | .0076 | 62 | 1159 | 47448000A |
| WIREWOUND.1W.10K-OHM | | AIR GND | 66.454 | 123.268 | 1925 | .07524 | 65 | 1188 | 47450000 |
| WIREWOUND.1W.100K-OHM | | AIR GND | 93.0232 | 361.832 | 275 | .01075 | 65 | 1188 | 47452000 |
| WIREWOUND.1W.100K-OHM | | AIR GND | 186.915 | 727.046 | 108 | .00535 | 65 | 1188 | 47454000 |
| WIREWOUND.1W.50K-OHM | | AIR GND | 93.0252 | 361.832 | 275 | .01075 | 65 | 1188 | 47456000 |
| WIREWOUND.1W-10W | | GRD | • | 159.019 | | .01448 | 64 | 1180 | 47458000 |
| WIREWOUND.1W-10W | | GRD | • | 3111.62 | | .00074 | 64 | 1180 | 47460000 |
| WIREWOUND.1W-10W | | GRD | 75.3863 | 200.614 | | .02653 | 64 | [illegible] | [illegible] |
| WIREWOUND.12-1/2W | | SHP | 7.77121 | 30.2276 | | .12868 | 65 | 1223 | 47464[illegible] |
| WIREWOUND.12/100W | | GRD | • | 417.137 | 484 | .00552 | 61 | 1069 | 47466000 |
| WIREWOUND.151-TYPE | | SHP | • | 7.81867 | 66 | .2945 | 65 | 1243 | 47468000 |
| WIREWOUND.2-1/2W | | GRD | • | 609.133 | 300 | .00378 | 62 | 159 | 47470000 |
| WIREWOUND.2-3/4W | | GRD | • | 45.3893 | 1950 | .05073 | 62 | 159 | 47472000A |
| WIREWOUND.2W | | GRD | • | 630.849 | 242 | .00365 | 61 | 69 | 47474000A |
| WIREWOUND.2W | | GRD | • | 1387.1 | 150 | .00166 | | 59 | 47476000A |
| WIREWOUND.2W | | GRD | • | 1771.23 | 121 | .0013 | | 069 | 47478000A |
| WIREWOUND.2W | | GRD | • | 777.995 | 300 | .00296 | | 159 | 47480000A |
| WIREWOUND.2W | | GRD | • | 1014.36 | 200 | .00227 | | 159 | 47482000A |
| WIREWOUND.2W | | GRD | 207.631 | 454.01 | 2100 | .03129 | | 159 | 47484000A |

SECTION I FAILURE RATE DATA

PART CLASS 661 RESISTORS, VARIABLE

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| WIREWOUND.2W | | GRD | 727.272 | 1935.38 | 242 | .00275 | 61 | 1069 | 47486000A |
| WIREWOUND.2W | | GRD | 2034.42 | 2966.81 | 500 | .00459 | 63 | 1159 | 47488000A |
| WIREWOUND,2W.LIN.MULTITURN | | SUB | .066158 | .257255 | 4316 | 15.12 | 66 | 1239 | 47490000A |
| WIREWOUND.2W.1K-OHM | | AIR GND | 93.0232 | 361.832 | 275 | .01075 | 65 | 1188 | 47492000 |
| WIREWOUND.2W.10K-OHM | | AIR GND | 560.747 | 1248.74 | 108 | .00535 | 65 | 1188 | 47494000 |
| WIREWOUND.2W.100K-OHM | | AIR GND | 186.915 | 727.046 | 108 | .00535 | 65 | 1188 | 47496000 |
| WIREWOUND.2W.100K-OHM | | AIR GND | 223.297 | 390.861 | 1375 | .09374 | 65 | 1188 | 47498000 |
| WIREWOUND.2W.25K-OHM | | AIR GND | 46.5224 | 123.803 | 1100 | .04299 | 65 | 1188 | 47500000 |
| WIREWOUND,2W.50K-OHM | | AIR GND | 217.054 | 364.989 | 825 | .03225 | 65 | 1188 | 47502000 |
| WIREWOUND,25W | | SHP | 1.94276 | 7.35677 | | .51475 | 65 | 1223 | 47504000 |
| WIREWOUND,3W.25K-OHM | | AIR GND | 93.0232 | 361.832 | 275 | .01075 | 65 | 1188 | 47506000 |
| WIREWOUND.4 | | GRD | * | 712.879 | 242 | .00523 | 61 | 1069 | 47508000A |
| WIREWOUND,4-SECTION | | AIR GND | 373.831 | 994.822 | 108 | .00535 | 65 | 1188 | 47510000 |
| WIREWOUND.4/10W | | GRD | * | 650.849 | 242 | .00365 | 61 | 1069 | 47512000A |
| WIREWOUND.4/5W | | GRD | * | 644.985 | 300 | .00357 | 63 | 1159 | 47514000A |
| WIREWOUND.4/5W | | GRD | 103.668 | 340.781 | 1950 | .02722 | 62 | 1159 | 47516000A |
| WIREWOUND.5 | | GRD | * | 1771.23 | 121 | .0013 | 61 | 1069 | 47518000A |
| WIREWOUND.50W | | SHP | 6.15006 | 25.9218 | | .1626 | 65 | 1223 | 47520000 |
| WIREWOUND.500K | | GRD | * | 1023.37 | 150 | .00225 | 62 | 1159 | 47522000A |
| WIREWOUND.75W | | SHP | 7.77121 | 30.2276 | | .12868 | 65 | 1223 | 47524000 |
| WIREWOUND.8/10W | | GRD | 69.93 | 272.006 | 1210 | .0143 | 61 | 1069 | 47526000A |
| 1-1/2W.50K-OHM | | AIR GND | 23.3612 | 90.4791 | 1100 | .04299 | 65 | 1188 | 47528000 |
| 1/2W.10K-OHM | | AIR GND | 11.6292 | 45.2343 | 2200 | .08599 | 65 | 1188 | 47530000 |
| 1/2W.2-1/2K-OHM | | AIR GND | 46.5224 | 123.803 | 1100 | .04299 | 65 | 1188 | 47532000 |
| 1/2W.2-1/2K-OHM | | AIR GND | 45.7071 | 181.676 | 432 | .02141 | 65 | 1188 | 47534000 |
| 1/2W.5MEGOHM | | AIR GND | 93.3706 | 363.183 | 216 | .01071 | 65 | 1188 | 47536000 |
| 1/2W.50K-OHM | | AIR GND | 93.3706 | 363.183 | 216 | .01071 | 65 | 1188 | 47538000 |
| 1W.10K-OHM | | AIR GND | 10.338 | 45.2119 | 2475 | .09673 | 65 | 1188 | 47540000 |
| 1W.25K-OHM | | AIR GND | 93.0232 | 361.832 | 275 | .01075 | 65 | 1188 | 47542000 |
| 1W.5K-OHM | | AIR GND | 46.5332 | 181 | 550 | .02149 | 65 | 1188 | 47544000 |
| 1W-10W | | GRD | * | 192.525 | | .01196 | 64 | 1180 | 47546000 |
| 2W | | AIR GND | 186.915 | 727.046 | 108 | .00535 | 65 | 1188 | 47548000 |
| 2W.100K-OHM | | AIR GND | 186.915 | 727.046 | 108 | .00535 | 65 | 1188 | 47550000 |
| .40 COMPOSITION | | | | | | | | | |
| | .(STRESS-RATIO=.1) | SIM AIR | * | 7675.33 | 2 | .0003 | 64 | 1154 | 47552000 |
| | .(STRESS-RATIO=.6) | SIM AIR | * | 2502.6 | 8 | .001 | 64 | 1154 | 47554000 |
| | | SIM AIR | * | 8.05104 | 1496 | .286 | 63 | 1108 | 47556000 |
| | .(STRESS.RATIO=.1) | LAB | * | 499.479 | 9 | .00461 | 64 | 1154 | 47558000 |
| | | GRD | * | 94.7962 | | .02429 | 64 | 1180 | 47560000 |
| | | SUB | * | 1.985 | 480 | 1.173 | 63 | 1092 | 47562000 |
| | | GRD | * | 82.2357 | | .028 | 63 | 1100 | 47564000 |
| | | LAB | * | 809.527 | 21 | .011 | 66 | 1239 | 47566000A |
| | | GRD | * | 192.525 | | .01196 | 64 | 1180 | 47568000 |

PART CLASS 661 RESISTORS, VARIABLE

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF APP | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .40 COMPOSITION | | | | | | | | | |
| | | LAB | * | 209.327 | 21 | .011 | 64 | 1293 | 475700000A |
| | | SIM AIR | * | 21.8203 | 497 | .108 | 63 | 1108 | 47572000 |
| | | AIR | * | | | | 62 | 2240 | 47574000 |
| | | SIM AIR | * | 71.9362 | | .032 | 63 | 1108 | 47576000 |
| | | LAB | .04 | | | | 62 | 2240 | 47578000 |
| | | GEN | .1 | | | | U | 2001 | 47580000 |
| | | SHP | .42 | | | | 62 | 2240 | 47582000 |
| | | GEN | .49 | | | | U | 2001 | 47584000 |
| | | GEN | .847 | | | | 61 | 1079 | 47586000 |
| | | GEN | 1.4 | | | | U | 2001 | 47588000 |
| | | GRD | 2.03956 | 3.56815 | 449 | 2.9418 | 64 | 1210 | 47590000 |
| | RADAR | AIR | 4.6 | | | .163 | 60 | 2001 | 47592000 |
| | | LAB | 7 | | | | 61 | 1086 | 47594000 |
| | INFRARED-SEARCH-AND-TRACK | AIR | 7.88 | | 20 | | 66 | 2000 | 47596000 |
| | | AIR | 8.19872 | 15.2044 | 127 | .61 | 62 | 1093 | 47598000 |
| | RADAR | AIR | 17 | | | .740 | 58 | 2001 | 47600000 |
| | CORR-NAVIGATION | AIR | 25 | | | 3.360 | 58 | 2001 | 47602000 |
| | | AIR GND | 28.489 | 34.2838 | | 1.76 | 60 | 1067 | 476040000A |
| | | AIR | 47.9259 | 68.0218 | | .313 | 60 | 1067 | 47606000 |
| | | AIR | 48.57 | 67.444 | | .35001 | 58 | 2240 | 47608000 |
| | | GRD | 68.9655 | 94.8217 | | .261 | 60 | 1067 | 47610000 |
| | | SUB | 83.3333 | 324.141 | 20 | .012 | 64 | 1161 | 47612000 |
| | | GRD | 97.3312 | 119.167 | | .637 | 60 | 1067 | 47614000 |
| | RJMB-NAVIGATION | AIR | 135 | | | .065 | 58 | 2001 | 47616000 |
| | | SUB | 333.333 | 1296.56 | 5 | .003 | 64 | 1161 | 476160000A |
| CARBON | | LAB | * | 26.4666 | | .087 | 61 | 1074 | 47620000 |
| CARBON | | GRD | * | 27.5467 | 16 | .0842 | 65 | 1189 | 476220000A |
| CARBON | .(STORAGE) | MSL | * | .01985 | 31325 | 116 | 65 | 1254 | 47624000 |
| CARBON | | LAB | * | 41.1178 | 16 | .056 | 65 | 1217 | 47626000 |
| CARBON | | GRD | 27.2975 | 43.0876 | | .3297 | 66 | 1230 | 476280000A |
| CARBON | | GRD | 40.3225 | 156.842 | 5 | .0248 | 65 | 1189 | 476300000A |
| CARBON,MIL-R-94 | | SIM AIR | * | 83.2665 | 294 | .02766 | 55 | 1266 | 476320000A |
| CHARACTERISTICS,Y | | GEN | .7 | | | | U | 2001 | 47634000 |
| MIL-R-94 | | LAB | * | 6.39611 | 193 | .36 | 57 | 1267 | 47636000 |
| MIL-R-94 | | QUAL TEST | * | 76.7533 | | .090 | 58 | 2L2 | 476380000A |
| MIL-R-94 | .(HP=.04) | SIM AIR | * | 83.1263 | 219 | .0277 | 66 | 1231 | 476400000A |
| MIL-R-94 | | SIM AIR | * | 175.77 | 65 | .0131 | 65 | 1195 | 476420000A |
| MIL-R-94 | | SIM AIR | * | 46.052 | 792 | .05 | 64 | 1139 | 47644000 |
| MIL-R-94 | | LAB | .122647 | .326381 | 4715 | 16.307 | 64 | 1167 | 47646000 |
| MIL-R-94 | | AIR | .749625 | 2.91581 | | 1.334 | 63 | 1097 | 47648000 |
| MIL-R-94 | | GRD | 1.06489 | 1.4787 | 2487 | 15.964 | 65 | 1205 | 476500000A |
| MIL-R-94A | | | 1.5 | | | | 58 | 2M41 | 47652000 |
| MIL-R-94B | | LAB | 5 | | | | 61 | 1086 | 47654000 |
| MIL-R-94B,RV4LAY | | LAB | * | 153.404 | 3 | .01501 | 66 | 1269 | 476560000A |
| | | GRD | .992014 | 2.63989 | 309 | 2.0161 | 64 | 1210 | 47658000 |

PART CLASS 661 RESISTORS, VARIABLE

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .40 COMPOSITION | | | | | | | | | |
| MIL-R-94B.RV4NAY | | GRD | .311818 | .578403 | 2290 | 16.035 | 64 | 1210 | 47660000 |
| MIL-R-94B.RV6LAY | | GRD | 1.50391 | 3.3491 | 294 | 1.9948 | 64 | 1210 | 47662000 |
| MIL-R-94B.RV6NAY | | GRD | 2.36576 | 2.87862 | 2914 | 19.444 | 64 | 1210 | 47664000 |
| MIN.1/2W.10K-OHM | | GRD | 46.0921 | 61.0286 | 57 | .499 | 64 | 1244 | 47666000A |
| POTENTIMETERS.FILM | | AIR | 2.19298 | 8.53004 | | .456 | 57 | 2L2 | 47668000 |
| POTENTIMETERS.FILM | | AIR GND | 24.0174 | 28.7244 | | 2.29 | 57 | 2L2 | 47670000 |
| POTENTIOMETERS | | GEN | * | 5.11688 | | .45 | 62 | 1078 | 47672000 |
| POTENTIOMETERS | | LAB | .1 | | | | 63 | 1138 | 47674000 |
| POTENTIOMETERS | | AIR | 1.04 | | | | 57 | 2L1 | 47676000 |
| POTENTIOMETERS | | MSL | 8.34 | | | | 57 | 2L1 | 47678000 |
| POTENTIOMETERS | | GRD | 77.5 | | | | 57 | 2L1 | 47680000 |
| POTENTIOMETERS. | | AIR | 2.16 | | | | 57 | 2L1 | 47682000 |
| POTENTIOMETERS.FILM | | LAB | 5 | | | | 61 | 2L2 | 47684000 |
| POTENTIOMETERS.FILM | | AIR GND | 7.47663 | 9.83911 | | 3.21 | 57 | 2L2 | 47686000 |
| POTENTIOMETERS.FILM | | MSL | 76.923 | 142.687 | | .065 | 57 | 2L2 | 47688000 |
| POTENTIOMETERS.GAIN | | GRD | 733.096 | 802.985 | | .281 | 61 | 1081 | 47690000 |
| POTENTIOMETERS(A-B) | | GRD | 1 | | | | 63 | 1098 | 47692000 |
| 1/2W | | GRD | * | 29.1911 | | .07838 | 64 | 1180 | 47694000 |
| 1/2W | | GRD | 18.8572 | 73.349 | 4500 | .05303 | 62 | 1159 | 47696000A |
| 1/2W | | GRD | 19.8176 | 77.0848 | 3830 | .05046 | 61 | 1069 | 47698000A |
| 1/2W | | GRD | 53.7778 | 143.111 | 3000 | .03719 | 63 | 1159 | 47700000A |
| 1/2W.1K-OHM | | SIM AIR | 62.0155 | 165.032 | 825 | .03225 | 65 | 1188 | 47702000 |
| 1/2W.1K-OHM | | SIM AIR | 186.915 | 410.249 | 324 | .01605 | 65 | 1188 | 47704000 |
| 1/2W.10K-OHM | | AIR GND | 934.579 | 1733.58 | 108 | .00535 | 65 | 1188 | 47706000 |
| 1/2W.100K-OHM | | AIR GND | 33.8323 | 67.6101 | 3025 | .11823 | 65 | 1188 | 47708000 |
| 1/2W.10K-OHM | | AIR GND | 373.831 | 994.822 | 108 | .00535 | 65 | 1188 | 47710000 |
| 1/2W.25K-OHM | | AIR GND | 124.61 | 331.607 | 324 | .01605 | 65 | 1188 | 47712000 |
| 1/2W.25K-OHM | | AIR GND | 93.3706 | 363.183 | 216 | .01071 | 65 | 1188 | 47714000 |
| 1/2W.5MEGOHM | | AIR GND | 134.599 | 310.879 | 550 | .02149 | 65 | 1188 | 47716000 |
| 1/2W.50K-OHM | | AIR GND | 16.9161 | 45.0164 | 3025 | .11823 | 65 | 1188 | 47718000 |
| 1/2W.50K-OHM | | AIR GND | 934.579 | 1733.58 | 108 | .00535 | 65 | 1188 | 47720000 |
| 1/2W.500-OHM | | AIR GND | 186.915 | 727.046 | 108 | .00535 | 65 | 1188 | 47722000 |
| 1/3W | | GRD | * | 470.879 | 300 | .00469 | 63 | 1159 | 47724000A |
| 1/4W | | GRD | * | 1023.37 | 150 | .00225 | 62 | 1159 | 47726000A |
| 1/4W.25K-OHM | | AIR GND | 186.741 | 496.946 | 216 | .01071 | 65 | 1188 | 47728000 |
| 1W | | GRD | 917.431 | 1701.77 | 200 | .00545 | 63 | 1159 | 47730000A |
| 1W.10K-OHM | | AIR GND | 93.0232 | 361.832 | 275 | .01075 | 65 | 1188 | 47732000 |
| 2/3W | | GRD | * | 131.803 | 600 | .01747 | 62 | 1159 | 47734000A |
| 2/3W | | GRD | 677.2 | 1508.08 | 300 | .00443 | 63 | 1159 | 47736000A |
| 2W | | GRD | * | 1771.23 | 121 | .0013 | 61 | 1069 | 47738000A |
| 2W | | GRD | * | 85.1868 | | .02703 | 64 | 1180 | 47740000 |
| 3W.10K-OHM.2-SECONI | | AIR GND | 186.915 | 727.046 | 108 | .00535 | 65 | 1188 | 47742000 |

PART CLASS 681 RESISTOR VARIABLE

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .70 WIRE WOUND, POWER | | | | | | | | | |
| CHARACTERISTICS.V-Y | | GRD | .974247 | 2.16868 | 454 | 3.0795 | 64 | 1210 | 47744000 |
| MIL-R-19 | | GEN | .17 | | | | U | 2001 | 47746000 |
| POTENTIOMETERS | | SUB AIR | 0 | 166.495 | 147 | .01383 | 65 | 1206 | 47748000A |
| | | GRD | .6 | | | | 63 | 1098 | 47750000 |
| .75 WIREWOUND, PRECISION | | | | | | | | | |
| | .(STRESS-RATIO=.6) | SUB AIR | 0 | 1151.3 | 8 | .002 | 64 | 1194 | 47752000 |
| | .(STRESS-RATIO=.1) | SUB AIR | 0 | 9.6545 | 954 | .2385 | 64 | 1194 | 47754000 |
| | .(RP=100PC) | LAB | 10 | | | | 63 | 1121 | 47756000 |
| | | SUB | 264.9 | 704.94 | 10 | .00755 | 65 | 1246 | 47758000 |
| | | SUB | 333.333 | 887.05 | 10 | .006 | 64 | 1161 | 47760000A |
| MULTI-TURN.LINEAR POTENTIOMETERS | | LIFE ACC | 0 | 232.351 | 46 | .00941 | 64 | 1169 | 47762000 |
| POTENTIOMETERS. 1-TURN.1-SECTION | TARTAR-MK-118-COMPUTER | GRD | 0 | 7.47597 | 144 | .308 | 64 | 1142 | 47764000A |
| POTENTIOMETERS. 1-TURN.1-SECTION | TERRIER-MK119-COMPUTER | GRD | 0 | 70.5885 | 118 | .03262 | 64 | 1194 | 47766000 |
| POTENTIOMETERS. 1-TURN.2-SECTION | TARTAR-MK-118-COMPUTER | GRD | 35.4587 | 94.4675 | 198 | .05634 | 64 | 1194 | 47768000 |
| POTENTIOMETERS. 1-TURN.2-SECTION | TERRIER-MK-119-COMPUTER | GRD | 0 | 70.5885 | 118 | .03262 | 64 | 1194 | 47770000 |
| POTENTIOMETERS. 1-TURN.3-SECTION | TERRIER-MK-119-COMPUTER | GRD | 27.894 | 108.499 | 126 | .03585 | 64 | 1194 | 47772000 |
| POTENTIOMETERS. 1-TURN.3-SECTION | TARTAR-MK-118-COMPUTER | GRD | 65.09 | 144.951 | 162 | .04609 | 64 | 1194 | 47774000 |
| POTENTIOMETERS.1-TURN. 4-SECTION | TARTAR-MK-118-COMPUTER | GRD | 114.986 | 256.067 | 80 | .02609 | 64 | 1194 | 47776000 |
| POTENTIOMETERS.1-TURN. 4-SECTION | TERRIER-MK-119-COMPUTER | GRD | 102.145 | 397.919 | 33 | .00979 | 64 | 1194 | 47778000 |
| POTENTIOMETERS.1-TURN. 5-SECTION | TERRIER-MK-119-COMPUTER | GRD | 122.01 | 226.522 | 144 | .04098 | 64 | 1194 | 47780000 |
| POTENTIOMETERS.1-TURN. 5-SECTION | TARTAR-MK-118-COMPUTER | GRD | 0 | 149.611 | 54 | .01537 | 64 | 1194 | 47782000 |
| POTENTIOMETERS.10-TURN. 1-SECTION | TERRIER-MK-119-COMPUTER | GRD | 229.885 | 511.958 | 44 | .01305 | 64 | 1194 | 47784000 |
| POTENTIOMETERS.10-TURN. 1-SECTION | TARTAR-MK-118-COMPUTER | GRD | 125.509 | 188.103 | 252 | .07171 | 64 | 1194 | 47786000 |
| | | GRD | 153.295 | 269.087 | 132 | .03914 | 64 | 1194 | 47788000 |

SECTION I FAILURE RATE DATA

PART CLASS 670 RESIS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .10 HEAD | | | | | | | | | |
| | INSTRUCTOR-SEAT | AIR | * | 20.1505 | 473 | .11427 | 65 | 1228 | 47790000 |
| | STUDENT-SEAT | AIR | 6.7512 | 84.0395 | 473 | .11427 | 65 | 1228 | 47792000 |
| | STUDENT-SEAT | AIR | 11.4077 | 44.3725 | 406 | .08766 | 64 | 1179 | 47794000 |
| | STUDENT-SEAT | AIR | 21.24 | 32.0495 | 597 | .51709 | 67 | 1272 | 47796000 |
| | INSTRUCTOR-SEAT | AIR | 32.8255 | 45.5813 | 597 | .51789 | 67 | 1272 | 47798000 |
| .20 BACK | | | | | | | | | |
| | INSTRUCTOR-SEAT | AIR | * | 26.2673 | 406 | .08766 | 64 | 1179 | 47800000 |
| | STUDENT-SEAT | AIR | 22.8154 | 60.7152 | 406 | .08766 | 64 | 1179 | 47802000 |
| | STUDENT-SEAT | AIR | 26.2536 | 58.465 | 473 | .11427 | 65 | 1228 | 47804000 |
| | INSTRUCTOR-SEAT | AIR | 26.2536 | 58.465 | 473 | .11427 | 65 | 1229 | 47806000 |
| | INSTRUCTOR-SEAT | AIR | 75.3055 | 93.262 | 597 | .51789 | 67 | 1272 | 47808000 |
| | STUDENT-SEAT | AIR | 166.058 | 191.444 | 597 | .51789 | 67 | 1272 | 47810000 |

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
SECTION V FAILURE RATE DATA

NONELECTRONIC PART FAILURE RATE DATA JANUARY 1964

PART CLASS 675 BIBS

| PART DESCRIPTION .001 M.H.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | % OF DATA SRCE | CARDS IN DEV REF # |
|---|---|---|---|---|---|---|---|---|
| | AILERON-HINGE SUPPORT, TRAILING EDGE | ATR | a | 25.1715 | | .00937 | 63 1123 | 47812000 |
| | AILERON-HINGE SUPPORT, OUTBOARD, WING | AIR | c | 22.1719 | | .00937 | 63 1123 | 47814000 |
| ASSEMBLY RUDDER | AILERON, FLIGHT CONTROL | ATR | a | 95.1472 | 68 | .02472 | 65 1227 | 47816000 |
| | OUTER PANEL, WING | AIR | c | 99.6544 | | .02354 | 63 1123 | 47818000 |
| | FLIGHT CONTROL | ATR | a | 95.9854 | 76 | .04513 | 66 1259 | 47820000 |

PART CLASS 600 RODS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.E.C. | | | | | | | | | |
| | WING-HINGE-PIN-LOCK.WINGFOLD-CONTROL.AFT | AIR | * | 23.1719 | | .09937 | 63 | 1123 | 47822000 |
| | DOOR.EMERGENCY.FORWARD-ESCAPE-HATCH | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 47824000A |
| | DOOR.MECHANICAL.PERSONNEL.CARGO-COMPARTMENT | AIR | * | 3.49886 | 1216 | .6581 | 66 | 1250 | 47826000 |
| | DOOR.LANDING-GEAR.NOSE.AFT | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 47828000A |
| | DOOR.ELECTRIC.GTC-INTAKE | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 47830000 |
| | DOOR.LANDING-GEAR.MAIN.OUTBOARD | AIR | * | 23.2868 | 192 | .09888 | 65 | 1227 | 47832000 |
| | ORIFICE.LANDING-GEAR.MAIN | AIR | * | 48.2219 | 124 | .04775 | 63 | 1111 | 47834000 |
| | ORIFICE.TIP-PROTECTION-GEAR | AIR | * | 56.4641 | 62 | .02387 | 63 | 1111 | 47836000 |
| | SPEEDBRAKE-DOOR | AIR | * | 46.3393 | | .04969 | 63 | 1123 | 47838000 |
| | WING-HINGE-PIN-LOCK.WINGFOLD-CONTROL | AIR | * | 23.1719 | | .09937 | 63 | 1123 | 47840000 |
| | DOOR.EMERGENCY.FORWARD-ESCAPE-HATCH | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 47842000 |
| | DOOR.LANDING-GEAR.NOSE | AIR | * | 20.1505 | 473 | .11427 | 65 | 1228 | 47844000 |
| | DOOR.LANDING-GEAR.NOSE.AFT | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 47846000 |
| | DOOR.MECHANICAL.PERSONNEL.CARGO-COMP | AIR | 2.52831 | 9.83439 | 768 | .39552 | 65 | 1227 | 47848000 |
| | HOLD-OPEN.ENGINE-NACELLE | AIR | 2.52831 | 9.83439 | 768 | .39552 | 65 | 1227 | 47850000 |
| | THROTTLE.FUEL-CONTROL | AIR | 2.63754 | 10.2592 | 400 | .37914 | 65 | 1201 | 47852000 |
| | HOLD-OPEN.ENGINE-NACELLE | AIR | 4.55927 | 10.1531 | 1216 | .658 | 66 | 1250 | 47854000 |
| | DOOR.LANDING-GEAR.MAIN | AIR | 5.70385 | 22.1862 | 812 | .17532 | 64 | 1179 | 47856000 |
| | DOOR.LANDING-GEAR.NOSE.FORWARD | AIR | 6.07902 | 23.6455 | 304 | .1645 | 66 | 1250 | 47858000 |
| | DOOR.LANDING-GEAR.MAIN.OUTBOARD | AIR | 6.07902 | 23.6455 | 304 | .1645 | 66 | 1250 | 47860000 |
| | WINDSHIELD.STUDENT | AIR | 8.7512 | 34.0895 | 473 | .11427 | 65 | 1228 | 47862000 |
| | DOOR.LANDING-GEAR.MAIN | AIR | 8.7512 | 23.2862 | 946 | .22854 | 65 | 1228 | 47864000 |
| | WINDSHIELD.STUDENT | AIR | 9.65456 | 17.9086 | 597 | .51789 | 67 | 1272 | 47866000 |
| | DOOR.LANDING-GEAR.NOSE.FORWARD | AIR | 10.1132 | 39.3375 | 192 | .09888 | 65 | 1227 | 47868000 |
| | DOOR.ELECTRIC.GTC-INTAKE | AIR | 11.3636 | 44.2011 | 102 | .088 | 63 | 1114 | 47870000 |
| | WINDSHIELD.INSTRUCTOR | AIR | 11.4077 | 44.3725 | 406 | .06766 | 64 | 1179 | 47872000 |
| | WINDSHIELD.INSTRUCTOR | AIR | 11.5854 | 20.3365 | 597 | .51789 | 67 | 1272 | 47874000 |
| | DOOR.LANDING-GEAR.NOSE | AIR | 13.5183 | 22.7265 | 597 | .51789 | 67 | 1272 | 47876000 |
| | DOOR.ELECTRIC.GTC-INTAKE | AIR | 15.7591 | 41.9375 | 50 | .12691 | 65 | 1198 | 47878000 |
| | WING-FLAP.FLIGHT-CONTROL | AIR | 17.1115 | 38.1063 | 812 | .17532 | 64 | 1179 | 47880000 |
| | WINDSHIELD.INSTRUCTOR | AIR | 17.5024 | 46.5765 | 473 | .11427 | 65 | 1228 | 47882000 |
| | DOOR.LANDING-GEAR.MAIN | AIR | 22.2072 | 29.4035 | 1194 | 1.0357 | 67 | 1272 | 47884000 |
| | HOLD-FORWARD-SPRING.20MM-GUN | GRD | 30R | 46.8083 | 2 | .1R | 64 | 1134 | 47886000 |
| | DOOR.LANDING-GEAR.NOSE | AIR | 34.2231 | 76.2126 | 406 | .06766 | 64 | 1179 | 47888000 |
| | LEVELER-BEAM.LANDING-GEAR.MAIN | AIR | 60.6796 | 135.129 | 96 | .04944 | 65 | 1227 | 47890000 |
| | WING-FLAP.FLIGHT-CONTROL | AIR | 69.5182 | 81.2411 | 1194 | 1.0357 | 67 | 1272 | 47892000 |
| | WING-FLAP.FLIGHT-CONTROL | AIR | 78.7608 | 108.323 | 946 | .22854 | 65 | 1228 | 47894000 |
| ACTUATING | DOOR.OLEO.LANDING-GEAR | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 47896000 |
| ACTUATING | DOOR.ELECTRIC-LOUVER | AIR | * | 46.1073 | .04994 | .04994 | 65 | 1227 | 47898000 |
| ACTUATING | DOOR.ELECTRIC.LOUVER | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 47900000A |
| ACTUATING | FLAPPER-DOOR.MAIN-LANDING-GEAR.OUTBOARD | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 47902000 |
| ACTUATING | DOOR.LANDING-GEAR.MAIN.INBOARD | AIR | * | 13.9975 | 304 | .1645 | 66 | 1250 | 47904000 |

PART CLASS 680 RODS

| PART DESCRIPTION .00 N.O.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR | OF DATA RPT | SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|---|
| ACTUATING | DOOR.LANDING-GEAR.MAIN.INBOARD | AIR | * | 23.2868 | 192 | .04488 | 65 | 1227 | | 47966000 |
| ACTUATING | DOOR.MLG.LANDING-GEAR | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | | 47968000 |
| ACTUATING | NEGATOR-TORQUE-CONT.REDUCTION-GEAR | AIR | * | 4.53598 | 200 | .23274 | 65 | 1198 | | 47910000 |
| ACTUATING | DOOR.MAIN-LANDING-GEAR.INBOARD | AIR | * | 9.89344 | 200 | .23274 | 63 | 1198 | | 47912000 |
| ACTUATING | NEGATOR-TORQUE-CONT.REDUCTION-GEAR | AIR | * | 4.94672 | 400 | .46548 | 65 | 1201 | | 47914000 |
| ACTUATING | REDUCTION-GEAR | AIR | .893415 | 3.48289 | 1416 | 1.1168 | 65 | 1198 | | 47916000 |
| ACTUATING | NEGATOR-TORQUE-CONT.REDUCTION-GEAR | AIR | 2.9488 | 11.4699 | 200 | .33912 | 65 | 1198 | | 47918000 |
| ACTUATING | DOOR.MAIN-LANDING-GEAR.INBOARD | AIR | 8.59328 | 22.868 | 200 | .23274 | 65 | 1198 | | 47920000 |
| ACTUATING | DOOR.LANDING-GEAR.MAIN.OUTBOARD | AIR | 11.3636 | 30.2403 | 204 | .176 | 63 | 1114 | | 47922000 |
| ACTUATING | LANDING.GEAR.NOSE | AIR | 11.3636 | 44.2011 | 102 | .088 | 63 | 1198 | | 47924000 |
| ACTUATING | DOOR.LANDING-GEAR.NOSE.FORWARD | AIR | 11.7952 | 31.3888 | 100 | .16956 | 65 | 1198 | | 47926000 |
| ACTUATING | DOOR.MAIN-LANDING-GEAR.OUTBOARD | AIR | 11.8194 | 26.321 | 100 | .25382 | 65 | 1198 | | 47928000 |
| ACTUATING | DOOR.LANDING-GEAR.NOSE.FORWARD | AIR | 12.8899 | 28.7849 | 200 | .23274 | 65 | 1198 | | 47930000 |
| ACTUATING | DOOR.MAIN-LANDING-GEAR.OUTBOARD | AIR | 12.8899 | 28.7049 | 200 | .23274 | 65 | 1227 | | 47932000 |
| ACTUATING | DOOR.LANDING-GEAR.NOSE.FORWARD | AIR | 13.4228 | 35.7201 | 100 | .149 | 65 | 1114 | | 47934000 |
| ACTUATING | LANDING.GEAR.NOSE | AIR | 17.1865 | 45.736 | 100 | .11637 | 65 | 1198 | | 47936000 |
| ACTUATING | FLAPPER-DOOR.MLG.OUTBOARD | AIR | 20.2265 | 78.6751 | 96 | .04944 | 63 | 1114 | | 47938000 |
| ACTUATING | DOOR.LANDING-GEAR.NOSE.FORWARD | AIR | 22.7272 | 45.4178 | 204 | .176 | 63 | 1114 | | 47940000 |
| ACTUATING | DOOR.LANDING-GEAR.NOSE.FORWARD | AIR | 23.6587 | 41.4043 | 100 | .25382 | 65 | 1198 | | 47942000 |
| ACTUATING | LANDING.GEAR.NOSE | AIR | 31.5183 | 62.9859 | 50 | .12691 | 63 | 1198 | | 47944000 |
| ACTUATING | DOOR.LANDING-GEAR.MAIN.OUTBOARD | AIR | 32.258 | 125.474 | 136 | .031 | 63 | 1114 | | 47946000 |
| ACTUATING | DOOR.LANDING-GEAR.NOSE | AIR | 34.2231 | 76.2126 | 406 | .08766 | 64 | 1179 | | 47948000 |
| ACTUATING | LANDING.GEAR.NOSE | AIR | 35.3667 | 78.8016 | 50 | .08478 | 65 | 1198 | | 47950000 |
| ACTUATING | LANDING.GEAR.NOSE | AIR | 40 | 89.0773 | 50 | .079 | 63 | 1114 | | 47952000 |
| ACTUATING | DOOR.LANDING-GEAR.NOSE | AIR | 42.48 | 56.6148 | 597 | .51789 | 67 | 1272 | | 47954000 |
| ACTUATING | DOOR.LANDING-GEAR.NOSE | AIR | 43.756 | 81.1647 | 473 | .11427 | 65 | 1228 | | 47956000 |
| ACTUATING | DOOR.MAIN-LANDING-GEAR.INBOARD | AIR | 50.9761 | 90.8625 | 100 | .16956 | 63 | 1198 | | 47958000 |
| ACTUATING | DOOR.MAIN-LANDING-GEAR.OUTBOARD | AIR | 64.8737 | 97.8895 | 100 | .16956 | 65 | 1198 | | 47960000 |
| ACTUATING | DOOR.LANDING-GEAR.MAIN.OUTBOARD | AIR | 73.6255 | 111.396 | 100 | .149 | 63 | 1114 | | 47962000 |
| ACTUATING-LEVER-BOOST | AILERON-SYSTEM | AIR | * | 19.7868 | 100 | .11637 | 65 | 1228 | | 47964000 |
| ADJUSTING | LANDING-GEAR.NOSE | AIR | * | 20.1509 | 473 | .11427 | 65 | 1228 | | 47966000 |
| ADJUSTING | LANDING-GEAR.NOSE | AIR | 19.3091 | 29.7488 | 597 | .51789 | 67 | 1272 | | 47968000 |
| AILERON-DIFF-CONTROL | FLIGHT-CONTROLS.707-131 | AIR | 270P | | | | 65 | 2364 | | 47970000 |
| AILERON-DIFF-CRANK | FLIGHT-CONTROLS.707.131 | AIR | 260P | | | | 65 | 2361 | | 47972000 |
| AILERON-DIFFERENTIAL-CRANK | FLIGHT-CONTROLS.707-331 | AIR | 460P | | | | 66 | 2362 | | 47974000 |
| AILERON-INBOARD | FLIGHT-CONTROLS.707-3318 | AIR | 70P | | | | 66 | 2364 | | 47976000 |
| AILERON-INBOARD | FLIGHT-CONTROLS.707-131 | AIR | 70P | | | | 66 | 2364 | | 47978000 |
| AILERON-INBOARD | FLIGHT-CONTROLS.707-3318 | AIR | 120P | | | | 66 | 2362 | | 47980000 |
| AILERON-INBOARD | FLIGHT-CONTROLS.707.131 | AIR | 130P | | | | 65 | 2361 | | 47982000 |
| AILERON-INBOARD | FLIGHT-CONTROLS.707.331 | AIR | 140P | | | | 66 | 2361 | | 47984000 |
| AILERON-INBOARD | FLIGHT-CONTROLS.707-331 | AIR | 310P | | | | 66 | 2362 | | 47986000 |
| AILERON-TAB-INBOARD | FLIGHT-CONTROLS.707.131 | AIR | 110P | | | | 66 | 2361 | | 47988000 |
| ASSEMBLY | MAIN-LANDING-GEAR-DOOR | AIR | 18.5185 | 37.0071 | | .216 | 63 | 2101 | | 47990000 |
| ASSEMBLY | MAIN-LANDING-GEAR-DOOR | AIR | 18.5185 | 37.0071 | | .216 | 63 | 2101 | | 47992000 |
| CONNECTING | DE-ICER.PROPELLER-ASSEMBLY | AIR | * | 1.23669 | 1800 | 1.8619 | 65 | 1198 | | 47994000 |

PART CLASS 600 RODS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 60 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| CONNECTING | DE-ICER.HYDROMATIC-PROPELLER | AIR | 143.767 | 157.961 | 1632 | 1.412 | 63 | 1114 | 47996000 |
| CONNECTING | DE-ICER.PROPELLER-ASSEMBLY | AIR | 160.089 | 172.047 | 800 | 2.0805 | 65 | 1198 | 47998000 |
| CONTROL | DOOR.EMERGENCY.SIDE-EXIT | AIR | * | 13.9975 | 384 | .1645 | 66 | 1290 | 48000000 |
| CONTROL | BRAKE.LANDING-GEAR | AIR | * | 9.89344 | 200 | .25274 | 65 | 1198 | 48002000 |
| CONTROL | COUNTERBALANCE-SYSTEM.CANOPY | AIR | * | 18.5859 | | .19874 | 63 | 1123 | 48004000 |
| CONTROL | DOOR.EMERGENCY.SIDE-EXIT | AIR | * | 23.2068 | 192 | .09888 | 65 | 1227 | 48006000 |
| CONTROL | THROTTLE.FUEL-SYSTEM | AIR | .501379 | 1.95021 | 1716 | 1.9945 | 65 | 1201 | 48008000 |
| CONTROL | STABILIZER.HORIZONTAL | AIR | 48.1314 | 72.6268 | 946 | .22854 | 65 | 1228 | 48010000 |
| CONTROL | STABILIZER.HORIZONTAL | AIR | 61.7939 | 72.9192 | 1194 | 1.0357 | 67 | 1272 | 48012000 |
| CONTROL | STABILIZER.HORIZONTAL | AIR | 68.4442 | 101.425 | 812 | .17532 | 64 | 1179 | 48014000 |
| DISCONNECT | STABILIZER.HORIZONTAL | AIR | 39.3804 | 62.1597 | 946 | .22854 | 65 | 1228 | 48016000 |
| DISCONNECT | STABILIZER.HORIZONTAL | AIR | 51.3347 | 81.0289 | 812 | .17532 | 64 | 1179 | 48018000 |
| DISCONNECT | STABILIZER.HORIZONTAL | AIR | 55.0352 | 65.6048 | 1194 | 1.0357 | 67 | 1272 | 48020000 |
| DRIVE | AILERON-SYSTEM.FLIGHT-CONTROL | AIR | 17.5024 | 46.5765 | 473 | .11427 | 65 | 1228 | 48022000 |
| DRIVE | PUSH-PULL.CANOPY-LOCK.STUDENT | AIR | 19.3091 | 29.7488 | 597 | .51789 | 67 | 1272 | 48024000 |
| DRIVE | AILERON-SYSTEM.FLIGHT-CONTROL | AIR | 25.1909 | 34.3346 | 597 | .51789 | 67 | 1272 | 48026000 |
| DRIVE | AILERON-SYSTEM.FLIGHT-CONTROL | AIR | 34.2231 | 76.2126 | 406 | .08764 | 64 | 1179 | 48028000 |
| DRIVE | PUSH-PULL.CANOPY-LOCK.INSTRUCTOR | AIR | 55.9964 | 71.827 | 597 | .51789 | 67 | 1272 | 48030000 |
| DRIVE | CANOPY.INSTRUCTOR | AIR | 59.8502 | 76.[illegible]55 | 597 | .51789 | 67 | 1272 | 48032000 |
| DRIVE | CANOPY.INSTRUCTOR | AIR | 61.2504 | 10..009 | 473 | .11427 | 65 | 1228 | 48034000 |
| DRIVE | CANOPY.STUDENT | AIR | 61.2584 | 103.009 | 473 | .11427 | 65 | 1228 | 48036000 |
| DRIVE | CANOPY.STUDENT | AIR | 61.7891 | 78.2844 | 597 | .51789 | 67 | 1272 | 48038000 |
| DRIVE | CANOPY.INSTRUCTOR | AIR | 102.669 | 162.057 | 406 | .08766 | 64 | 1179 | 48040000 |
| DRIVE | CANOPY.STUDENT | AIR | 114.077 | 175.754 | 406 | .08766 | 64 | 1179 | 48042000 |
| DRIVE.PUSH-PULL | CANOPY-LOCK.STUDENT | AIR | 8.7512 | 84.0395 | 473 | .11427 | 65 | 1228 | 48044000 |
| DRIVE.PUSH-PULL | CANOPY-LOCK.STUDENT | AIR | 45.6308 | 91.1681 | 406 | .08766 | 64 | 1179 | 48046000 |
| DRIVE.PUSH-PULL | CANOPY-LOCK.INSTRUCTOR | AIR | 96.2832 | 145.253 | 473 | .11427 | 65 | 1228 | 48048000 |
| DRIVE.PUSH-PULL | CANOPY-LOCK.INSTRUCTOR | AIR | 136.692 | 202.846 | 406 | .08766 | 64 | 1179 | 48050000 |
| ELEV-ANTI-BAL-TAB | FLIGHT-CONTROLS.707-131 | AIR | 3109 | | | | 66 | 2361 | 48052000 |
| ELEV-CONTROL | FLIGHT-CONTROLS.707-131 | AIR | 550P | | | | 65 | 2364 | 48054000 |
| ELEV-CONTROL-LH | FLIGHT-CONTROLS.707-331 | AIR | 310P | | | | 65 | 2364 | 48056000 |
| ELEV-CONTROL-LH | FLIGHT-CONTROLS.707-331 | AIR | 310P | | | | 66 | 2362 | 48058000 |
| ID-AILERON-CONTROL | FLIGHT-CONTROLS.727 | AIR | 90P | | | | 66 | 2360 | 48060000 |
| ID-AILERON-CONTROL | FLIGHT-CONTROLS.727 | AIR | 90P | | | | 66 | 2360 | 48062000 |
| LEVELER-BEAM | LANDING-GEAR.MAIN | AIR | 24.3131 | 64.7209 | 132 | .08228 | 66 | 1290 | 48064000A |
| LINK | AILERON | AIR | 34.054 | 143.645 | 128 | .037 | 59 | 1110 | 48066000 |
| MAIN-LANDING-GEAR-DOOR | LANDING-GEAR.727 | AIR | 110P | | | | 66 | 2365 | 48068000 |
| NOSE-GEAR-DOOR | LANDING-GEAR.331C/351C | AIR | 450P | | | | 65 | 2365 | 48070000 |
| PUSH | TORQUE-TUBE.ELEVATOR-ASSLY | AIR | * | 13.5798 | 109 | .16450 | 63 | 1198 | 48072000 |
| PUSH | COLUMN.ELEVATOR-CONTROL-SYSTEM | AIR | * | 27.9917 | 192 | .08229 | 66 | 1290 | 48074000 |
| PUSH | INTERCONNECT.AILERON-CONTROL-SYSTEM | AIR | * | 55.9834 | 70 | .04113 | 66 | 1290 | 48076000 |
| PUSH | COLUMN.ELEVATOR-CONTROL-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 48078000 |
| PUSH | CONTROL.LANDING-GEAR | AIR | * | 10.0752 | 946 | .22854 | 65 | 1228 | 48080000 |
| PUSH | TORQUE-TUBE.ELEVATOR-ASSLY | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 48082000 |
| PUSH | ELEVATOR-CONTROL.QUICK-DISCONNECT | AIR | * | 46.3393 | | .04969 | 63 | 1123 | 48084000 |

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y. NONELECTRONIC PART FAILURE RATE DATA JANUARY 1968

SECTION I FAILURE RATE DATA

PART CLASS GEN MECH

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | % OF DATA REPT | DATA SOURCE | PARTS INDEX NUMBER |
|---|---|---|---|---|---|---|---|---|---|
| .06 M.S.C. | | | | | | | | | |
| PUSH | ELEVATOR-CONTROL-ASSLY | AIR | 0 | 13.9796 | 180 | .16956 | 65 | 1198 | 48[illegible] |
| PUSH | ELEVATOR-CONTROL-ASSLY | AIR | 0 | 9.07278 | 400 | .25068 | 65 | 1198 | 48[illegible] |
| PUSH | ELEVATOR-CONTROL-ASSLY | AIR | 0 | 9.99544 | 180 | .23274 | 65 | 1198 | 48[illegible] |
| PUSH | TAILGATE-TUBE.ELEVATOR-ASSLY | AIR | 0 | 19.7868 | 180 | .16837 | 65 | 1198 | 48[illegible] |
| PUSH | INTERCONNECT.ELEVATOR-CONTROL-SYSTEM | AIR | 0 | 99.9854 | 76 | .06113 | 64 | 1298 | 48[illegible] |
| PUSH | INTERCONNECT.AILERON-CONTROL-SYSTEM | AIR | 0 | 93.1472 | 48 | .03472 | 65 | 1227 | 48[illegible] |
| PUSH | INTERCONNECT.ELEVATOR-CONTROL-SYSTEM | AIR | 0 | 93.1472 | 48 | .03472 | 65 | 1227 | 48[illegible] |
| PUSH | FLIGHT-STABILIZER.RUDDER | AIR | 0 | 4.94672 | 480 | .46848 | 65 | 1198 | 48[illegible] |
| PUSH | QUADRANT-OUTPUT.ELEVATOR-CONTROL | AIR | 0 | 46.5756 | 96 | .02944 | 65 | 1227 | 48[illegible] |
| PUSH | INPUT.POWER-UNIT.ELEVATOR-CONTROL | AIR | 0 | 27.9917 | 152 | .08226 | 64 | 1298 | 48[illegible] |
| PUSH | RUDDER-CONTROL-SYSTEM | AIR | 0 | 93.1472 | 48 | .03472 | 65 | 1227 | 48[illegible] |
| PUSH | THROTTLE-QUADRANT.ENGINE-CONTROL | AIR | 0 | 2.33292 | 1824 | .987 | 66 | 1279 | 48[illegible] |
| PUSH | TENSION-REGULATOR. RUDDER-CONTROL-SYSTEM | AIR | 0 | 27.9917 | 152 | .08226 | 64 | 1298 | 48[illegible] |
| PUSH | RUDDER-CONTROL-SYSTEM | AIR | 0 | 55.9834 | 76 | .04113 | 66 | 1298 | 48[illegible] |
| PUSH | QUADRANT-OUTPUT.ELEVATOR-CONTROL | AIR | 0 | 27.9917 | 152 | .08226 | 64 | 1298 | 48[illegible] |
| PUSH | TENSION-REG.RUDDER-CONTROL-SYSTEM | AIR | 0 | 46.5756 | 96 | .02944 | 65 | 1227 | 48[illegible] |
| PUSH | THROTTLE-QUADRANT.ENGINE-CONTROL | AIR | 1.68554 | 6.55626 | 1152 | .59228 | 65 | 1227 | 48[illegible] |
| PUSH | LANDING-GEAR.MAIN | AIR | 1.93146 | 5.19884 | 1104 | 1.0857 | 67 | 1273 | 48[illegible] |
| PUSH | FAIRING.NOSE-LANDING-GEAR | AIR | 2.31953 | 9.00918 | 552 | .42396 | 64 | 1199 | 48[illegible] |
| PUSH | AILERON-CONTROL | AIR | 4.29664 | 14.7128 | 288 | .23274 | 65 | 1198 | 48[illegible] |
| PUSH | LANDING-GEAR.MAIN | AIR | 4.3794 | 12.8197 | 944 | .62854 | 65 | 1228 | 48[illegible] |
| PUSH | LANDING-GEAR.MAIN | AIR | 5.70385 | 22.1862 | 812 | .17353 | 64 | 1298 | 48[illegible] |
| PUSH | CONTROL.LANDING-GEAR | AIR | 5.79314 | 18.169 | 1104 | 1.0357 | 67 | 1273 | 48[illegible] |
| PUSH | AILERON-CONTROL | AIR | 5.99761 | 22.9599 | 1488 | .14954 | 65 | 1198 | 48[illegible] |
| PUSH | AILERON-CONTROL | AIR | 6.7614 | 26.1853 | 90 | .149 | 63 | 1176 | 48[illegible] |
| PUSH | AILERON-CONTROL-SYSTEM | AIR | 6.74277 | 26.225 | 288 | .14832 | 65 | 1227 | 48[illegible] |
| PUSH | AILERON-CONTROL | AIR | 7.8796 | 20.9687 | 180 | .25382 | 65 | 1198 | 48[illegible] |
| PUSH | AILERON-CONTROL-SYSTEM | AIR | 8.18372 | 21.5852 | 456 | .2466 | 66 | 1298 | 48[illegible] |
| PUSH | RUDDER-ASSEMBLY | AIR | 8.59324 | 33.4252 | 180 | .11337 | 65 | 1198 | 48[illegible] |
| PUSH | WINGFOLD.FLIGHT-CONTROL-SYSTEM | AIR | 9.26854 | 24.6437 | 126 | .21597 | 64 | 1195 | 48[illegible] |
| PUSH | DOOR.MAIN-LANDING-GEAR | AIR | 9.26854 | 24.6437 | 126 | .21597 | 64 | 1195 | 48[illegible] |
| PUSH | WING-SPOILER-SYSTEM | AIR | 10.9422 | 15.6484 | 3840 | 1.645 | 66 | 1298 | 48[illegible] |
| PUSH | AILERON-CONTROL | AIR | 11.3636 | 30.2483 | 204 | .174 | 63 | 1114 | 48[illegible] |
| PUSH | RUDDER-ASSEMBLY | AIR | 14.1835 | 22.3678 | 288 | .63454 | 65 | 1198 | 48[illegible] |
| PUSH | RUDDER-ASSEMBLY | AIR | 16.5133 | 27.7681 | 288 | .4239 | 63 | 1198 | 48[illegible] |
| PUSH | RUDDER-ASSEMBLY | AIR | 18.1485 | 29.4464 | 348 | .441 | 65 | 1114 | 48[illegible] |
| PUSH | DOOR.NOSE-LANDING-GEAR | AIR | 18.521 | 37.0123 | 126 | .21597 | 64 | 1199 | 48[illegible] |
| PUSH | RUDDER-ASSEMBLY | AIR | 18.6464 | 31.389 | 288 | .375 | 65 | 1114 | 48[illegible] |
| PUSH | WING-SPOILER-SYSTEM | AIR | 20.2265 | 27.3514 | 1920 | .9888 | 65 | 1227 | 48[illegible] |
| PUSH | CONTROL.LANDING-GEAR | AIR | 22.8154 | 45.594 | 812 | .17532 | 64 | 1179 | 48[illegible] |
| PUSH | ARRESTING-HOOK-SYSTEM | AIR | 37.0438 | 74.828 | 63 | .10798 | 63 | 1195 | 48[illegible] |
| PUSH | INPUT.POWER-UNIT.ELEVATOR-CONTROL | AIR | 40.493 | 107.851 | 96 | .04944 | 65 | 1227 | 48[illegible] |
| PUSH | CONTROL.ENGINE.POWER-PLANT-SYSTEM | AIR | 149.75 | 277.852 | 126 | .03338 | 66 | 1225 | 48[illegible] |
| PUSH | CONTROL.ENGINE.POWER-PLANT | AIR | 421.354 | 483.8 | 126 | .21597 | 65 | 1195 | 48[illegible] |

PART CLASS 680 RQQS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| PUSH-PULL | WING-FLAP-SYSTEM | AIR | 0 | 27.9917 | 152 | .08226 | 66 | 1250 | 48174000 |
| PUSH-PULL | WING-FLAP-SYSTEM | AIR | 0 | 46.5736 | 96 | .04944 | 65 | 1227 | 48176000 |
| PUSH-PULL.FLEXIBLE | THROTTLE-CONTROL | AIR | 102.669 | 141.206 | 812 | .17532 | 64 | 1179 | 48178000 |
| PUSH-PULL.FLEXIBLE | THROTTLE-CONTROL | AIR | 200.83 | 219.378 | 1184 | 1.0857 | 67 | 1272 | 48180000 |
| PUSH-PULL.FLEXIBLE | ENGINE-BUILDUP.TURBOJET | AIR | 284.414 | 335. 79 | 946 | .22054 | 65 | 1228 | 48182000 |
| PUSH-PULL.FLEXIBLE | ENGINE-BUILDUP.TURBOJET | AIR | 610.312 | 693.098 | 812 | .17532 | 64 | 1179 | 48184000 |
| PUSHROD.DOOR, NOSE-LANDING-GEAR | | AIR | 770.105 | 849.958 | 946 | .22884 | 65 | 1228 | 48186000 |
| PUSHROD.ENGINE-CONTROL | | AIR | 37.037 | 80.1606 | | .216 | 63 | 2101 | 48188000 |
| PUSHROD.FAIRING, NOSE-LANDING-GEAR | | AIR | 842.592 | 928.409 | | .216 | 63 | 2109 | 48190000 |
| RADIAN | POOR.BOMB-NAVIGATION-SYSTEM | AIR | 4.62963 | 12.3291 | | .432 | 63 | 2101 | 48192000 |
| | | AIR | 0 | 96.4641 | 62 | .02387 | 63 | 1161 | 48194000 |

SECTION I FAILURE RATE DATA

ALL LEVELS 000 POWERS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF APP | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| | TURBINE-SECTION.BASIC-ENGINE | AIR | • | 24.1106 | 248 | .0035 | 63 | 1111 | 48106000 |
| | COMPRESSOR.TURBOJET.J-BSC-ENGINE | AIR | • | 23.2060 | 192 | .09808 | 65 | 1227 | 48106000 |
| | COMPRESSOR.REAR.N-2.BASIC-ENGINE | AIR | • | 23.2060 | 192 | .09808 | 65 | 1227 | 48200000 |
| | TURBINE-SECTION.BASIC-ENGINE | AIR | • | 23.2060 | 192 | .09808 | 65 | 1227 | 48202000 |
| | (STORAGE) | | • | 1.34437 | | .6885 | 66 | 2121 | 4821A0000A |
| | (STORAGE) | | • | 5.72047 | | .0189 | 66 | 2121 | 4821B0000A |
| | COMPRESSOR.BASIC-ENGINE | AIR | 1.58104 | 2.1759 | 5600 | 6.5160 | 65 | 1198 | 48208000 |
| | COMPRESSOR.BASIC-ENGINE | AIR | 2.30946 | 6.14584 | 2000 | .864 | 63 | 1174 | 48210000 |
| | COMPRESSOR.BASIC-ENGINE | AIR | 2.42865 | 3.59877 | 5712 | 4.041 | 63 | 1114 | 48212000 |
| | COMPRESSOR.BASIC-ENGINE | AIR | 2.8142 | 3.80552 | 2800 | 7.1060 | 65 | 1198 | 48214000 |
| | COMPRESSOR.BASIC-ENGINE | AIR | 2.85054 | 4.23674 | 2800 | 4.195 | 63 | 1114 | 48216000 |
| | TURBINE-SECTION.BASIC-ENGINE | AIR | 3.84107 | 6.59548 | 1632 | 1.412 | 63 | 1114 | 48218000 |
| | COMPRESSOR.BASIC-ENGINE | AIR | 4.84445 | 6.41640 | 2800 | 4.7476 | 63 | 1198 | 48220000 |
| | TURBINE-SECTION.BASIC-ENGINE | AIR | 7.38734 | 10.4862 | 800 | 2.0800 | 65 | 1198 | 48222000 |
| | COMPRESSOR.TURBOJET.J-85 | AIR | 6.7512 | 23.2802 | 946 | .22854 | 65 | 1228 | 48224000 |
| | COMPRESSOR.TURBOJET.J-85 | AIR | 9.81759 | 38.1867 | 812 | .08184 | 64 | 1179 | 48226000 |
| | TURBINE-SECTION.BASIC-ENGINE | AIR | 16.129 | 62.737 | 272 | .062 | 63 | 1114 | 48228000 |
| | TURBINE-SECTION.BASIC-ENGINE | AIR | 27.9281 | 40.7277 | 400 | .44844 | 65 | 1198 | 48230000 |
| | TURBINE-SECTION.BASIC-ENGINE | AIR | 84.4833 | 98.1765 | 800 | 1.3543 | 65 | 1198 | 48232000 |
| | TURBINE-SECTION.BASIC-ENGINE | AIR | 90.909 | 103.136 | 800 | 1.199 | 63 | 1114 | 48234000 |
| .ALANCE | | AIR | 405.157 | 660.731 | | .095 | 59 | 2120 | 48236000 |
| COMPRESSOR.FRONT | N-1.BASIC-ENGINE | AIR | • | 19.0779 | 800 | .1643 | 66 | 1230 | 48238000 |
| COMPRESSOR.REAR | N-2.BASIC-ENGINE | AIR | • | 13.0979 | 864 | .1643 | 66 | 1230 | 48240000 |
| PRESSURE.HIGH | ENGINE | AIR | • | 24.1109 | 248 | .0035 | 63 | 1111 | 48242000 |
| PRESSURE.LOW | ENGINE | AIR | 20.0624 | 53.5308 | 248 | .0035 | 63 | 1111 | 48244000 |
| SYSTEMS | | GRD | • | 568.943 | | .00103 | 69 | 1199 | 48246000 |
| TURBINE-SECTION | BASIC-ENGINE | AIR | • | 13.0979 | 864 | .1643 | 66 | 1230 | 48248000 |

PART CLASS 730 RUDDERS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| | FLIGHT-CONTROL-SYSTEM | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 48250000 |
| | FLIGHT-CONTROL | AIR | * | 93.1472 | 46 | .02472 | 65 | 1227 | 48252000 |
| | FLIGHT-CONTROL-SYSTEM | AIR | 8.59328 | 33.4252 | 100 | .18837 | 65 | 1198 | 48254000 |
| | FLIGHT-CONTROL-SYSTEM | AIR | 11.7952 | 45.8799 | 50 | .08478 | 63 | 1198 | 48256000 |
| | | AIR | 13.3333 | 51.8626 | 50 | .075 | 63 | 1114 | 48258000 |
| | FLIGHT-CONTROL | AIR | 48.6263 | 129.401 | 76 | .04113 | 64 | 1250 | 48260000 |
| | FLIGHT-CONTROL-SYSTEM | AIR | 83.3449 | 114.628 | 126 | .21597 | 64 | 1155 | 48262000 |
| | | AIR | 84.2105 | 136.786 | | .095 | 63 | 2123 | 48264000 |
| | CONTROL.FLIGHT | AIR | 319.415 | 411.589 | 406 | .08766 | 64 | 1179 | 48266000 |
| | FLIGHT-CONTROL-SYSTEM | AIR | 323.794 | 403.202 | 473 | .11427 | 65 | 1228 | 48268000 |
| | FLIGHT-CONTROL-SYSTEM | AIR | 438.317 | 478.002 | 597 | .51789 | 67 | 1272 | 48270000 |
| ASSEMBLY | | AIR | 79.6971 | 129.455 | | .10038 | 63 | 1123 | 48272000 |

PART CLASS 705 SCREENS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 M.O.C. | | | | | | | | | |
| | MAST.JETTISON.FUEL-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 48274000 |
| | VALVE.AIR.IGNITER.AFTERBURNER | AIR | * | 65.7885 | 320 | .035 | 61 | 1080 | 48276000A |
| | VALVE.FUEL.IGNITER.AFTERBURNER | AIR | * | 65.7885 | 320 | .035 | 61 | 1080 | 48278000A |
| | MAST.JETTISON.FUEL-SYSTEM | AIR | * | 27.9917 | 152 | .09226 | 66 | 1250 | 48280000 |
| | VALVE.FUEL.PRESSURE-AND-DUMP | AIR | * | 65.7885 | 320 | .035 | 61 | 1080 | 48282000A |
| | MAST.JETTISON.FUEL-SYSTEM | AIR | * | 9.89344 | 200 | .23274 | 65 | 1198 | 48284000 |
| | VALVE.AIR-BLEED.COMPRESSOR.BASIC-ENGINE | AIR | * | 6.99878 | 608 | .329 | 66 | 1250 | 48286000 |
| | VALVE.AIR-BLEED.COMPRESSOR.BASIC-ENGINE | AIR | * | 11.6434 | 384 | .19776 | 65 | 1227 | 48288000 |
| | VALVE.SAFETY.PRESSURIZATION.AIR-CONDITIONING | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 48290000 |
| | MAST.JETTISON.FUEL-SYSTEM | AIR | 17.0454 | 37.959 | 204 | .176 | 63 | 1114 | 48292000 |
| | MAST.JETTISON.FUEL-SYSTEM | AIR | 19.6989 | 36.5404 | 100 | .25382 | 65 | 1198 | 48294000 |
| | TAIL-CONE.FUSELAGE.AFT | AIR | 1092.23 | 1414.2 | 48 | .02472 | 65 | 1227 | 48296000 |
| | OIL-COOL-SYSTEM | HELI | 1262.82 | 1772.02 | 40 | .01267 | 66 | 1257 | 48298000 |
| | TAIL-CONE.FUSELAGE.AFT | AIR | 1604.66 | 1888.65 | 76 | .04113 | 66 | 1250 | 48300000A |
| | OIL-COOL-SYSTEM | HELI | 2369.94 | 2741.86 | 40 | .0346 | 66 | 1257 | 48302000 |
| COMPRESSOR-BLEED | | AIR | 335.008 | 669.476 | 31 | .01194 | 63 | 1111 | 48304000 |
| CONTROL.ICE | AIR-CONDITIONER.FLIGHT-DECK | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 48306000 |
| CONTROL.ICE | AIR-CONDITIONER.FLIGHT-DECK | AIR | 8.59328 | 33.4252 | 100 | .11637 | 65 | 1198 | 48308000 |
| CONTROL.ICE | AIR-CONDITIONER.FLIGHT-DECK | AIR | 70.7714 | 124.226 | 50 | .08478 | 63 | 1198 | 48310000 |
| CONTROL.ICE | AIR-CONDITIONER.FLIGHT-DECK | AIR | 80 | 140.428 | 50 | .075 | 63 | 1114 | 48312000 |
| EXHAUST | REFR-UNIT.AIR-COND.CARGO-COMPARTMENT | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 48314000 |
| EXHAUST | GAS-TURBINE-COMPR.AUX-POWER-PLANT | AIR | 266.666 | 532.903 | 68 | .015 | 63 | 1114 | 48316000 |
| EXHAUST | REFR-UNIT.AIR-COND.CARGO-COMPARTMENT | AIR | 640.737 | 775.878 | 50 | .08478 | 63 | 1198 | 48318000 |
| EXHAUST | REFR-UNIT.AIR-COND.CARGO-COMPARTMENT | AIR | 733.333 | 877.053 | 50 | .075 | 63 | 1114 | 48320000 |
| EXHAUST | GAS-TURBINE-COMPR.AUX-POWER-PLANT | AIR | 2827.18 | 3037.58 | 100 | .11637 | 65 | 1198 | 48322000 |
| FILTER | BEARING.ENGINE/CSD-OIL-SYSTEM | AIR | * | 5.8217 | 768 | .39552 | 65 | 1227 | 48324000 |
| FILTER | DRAIN.WATER-SOFTENER.AIR-CONDITIONING | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 48326000 |
| FILTER | DRAIN.WATER-SOFTENER.AIR-CONDITION | AIR | 24.3131 | 64.7009 | 152 | .09226 | 66 | 1250 | 48328000A |
| FILTER.BEARING | ENGINE/CONSTANT-SPEED-DRIVE-OIL-SYSTEM | AIR | * | 3.49939 | 1216 | .658 | 66 | 1250 | 48330000 |
| FILTER.FUEL.CONTROL | | AIR | 222.222 | 444.036 | 128 | .018 | 59 | 1110 | 48332000 |
| FILTER-FUEL | DUMP-VALVE | AIR | 166.666 | 371.135 | 64 | .018 | 59 | 1110 | 48334000 |
| FUEL | CONTROL.BYPASS.AFTERBURNER | AIR | 57.1428 | 152.065 | 320 | .035 | 61 | 1080 | 48336000A |
| FUEL | ENGINE | AIR | 83.752 | 325.77 | 31 | .01194 | 63 | 1111 | 48338000 |
| FUEL.INLINE | | AIR | 36.3636 | 96.769 | 320 | .055 | 61 | 1080 | 48340000A |
| GUARD | TURBINE.PNEUMATIC-SYSTEM | AIR | * | 13.9975 | 304 | .1645 | 66 | 1250 | 48342000 |
| GUARD | TURBINE.PNEUMATIC-SYSTEM | AIR | * | 23.2868 | 192 | .09808 | 65 | 1227 | 48344000 |
| ICE-CONTROL | REFR-UNIT.AIR-COND.CARGO | AIR | 7.8796 | 30.6492 | 50 | .12691 | 65 | 1198 | 48346000 |
| ICE-CONTROL | REFR-UNIT.AIR-COND.CARGO | AIR | 11.3636 | 44.2011 | 102 | .088 | 63 | 1114 | 48348000 |
| ICE-CONTROL | REFR-UNIT.AIR-COND.CARGO | AIR | 35.3897 | 78.8016 | 50 | .08478 | 63 | 1198 | 48350000 |
| ICE-CONTROL | REFR-UNIT.AIR-COND.CARGO | AIR | 40 | 89.0773 | 50 | .075 | 63 | 1114 | 48352000 |
| INLET | COMPRESSOR.AUXILIARY-POWER-UNIT | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 48354000A |

SECTION I FAILURE RATE DATA

PART CLASS 705 SCREENS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| INLET | REFR-UNIT.AIR-COND.CARGO | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 48356000 |
| INLET | COMPRESSOR.AUX-POWER-UNIT | AIR | * | 93.1472 | 46 | .02472 | 65 | 1227 | 48358000 |
| INLET | GAS-TURBINE-COMPR.AUX-POWER-PLANT | AIR | 8.59328 | 33.4252 | 100 | .11637 | 65 | 1198 | 48360000 |
| INLET | GAS-TURBINE-COMPR.AUX-POWER-PLANT | AIR | 23.5904 | 62.7777 | 50 | .08478 | 63 | 1198 | 48362000 |
| INLET | GAS-TURBINE-COMPR.AUX-POWER-PLANT | AIR | 26.6666 | 70.964 | 50 | .075 | 63 | 1114 | 48364000 |
| INLET | GAS-TURBINE-COMPR.AUX-POWER-PLANT | AIR | 63.0767 | 102.393 | 50 | .12691 | 65 | 1198 | 48366000 |
| INLET | GAS-TURBINE-COMPR.AUX-POWER-PLANT | AIR | 79.5454 | 133.76 | 102 | .088 | 63 | 1114 | 48368000 |
| PURGING | GAS-TURBINE-COMPR.AUX-POWER-PLANT | AIR | 8.59328 | 33.4252 | 100 | .11637 | 65 | 1198 | 48370000 |
| WATER-SEPARATOR | AIR-COND.FLIGHT-DECK | AIR | 11.3636 | 44.2011 | 102 | .088 | 63 | 1114 | 48372000 |
| WATER-SEPARATOR | AIR-COND.CARGO-COMPARTMENT | AIR | 17.1865 | 45.736 | 100 | .11637 | 65 | 1198 | 48374000 |
| WATER-SEPARATOR | AIR-COND.CARGO-COMPARTMENT | AIR | 39.3979 | 73.0809 | 50 | .12691 | 65 | 1198 | 48376000 |
| WATER-SEPARATOR | AIR-COND.FLIGHT-DECK | AIR | 39.3979 | 73.0809 | 50 | .12691 | 65 | 1198 | 48378000 |
| WATER-SEPARATOR | AIR-COND.FLIGHT-DECK | AIR | 51.5596 | 90.5052 | 100 | .11637 | 65 | 1198 | 48380000 |
| WATER-SEPARATOR | AIR-COND.CARGO-COMPARTMENT | AIR | 56.8181 | 105.394 | 102 | .088 | 63 | 1114 | 48382000 |
| WATER-SEPARATOR | AIR-COND.CARGO-COMPARTMENT | AIR | 141.542 | 209.737 | 50 | .08478 | 63 | 1198 | 48384000 |
| WATER-SEPARATOR | AIR-COND.FLIGHT-DECK | AIR | 153.338 | 223.613 | 50 | .08478 | 63 | 1198 | 48386000 |
| WATER-SEPARATOR | AIR-COND.CARGO-COMPARTMENT | AIR | 160 | 237.087 | 50 | .075 | 63 | 1114 | 48388000 |
| WATER-SEPARATOR | AIR-COND.FLIGHT-DECK | AIR | 173.333 | 252.772 | 50 | .075 | 63 | 1114 | 48390000 |

PART CLASS MISC SCISSORS

| PART DESCRIPTION .00 N.S.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| SLEEVE | MAIN-ROTOR | HELI | 740.74 | 1480.28 | 20 | .0054 | 66 | 1257 | 48392000 |
| SLEEVE | MAIN-ROTOR | HELI | 1262.82 | 1772.02 | 40 | .01267 | 66 | 1257 | 48394000 |
| SLEEVE | MAIN-ROTOR | HELI | 1907.51 | 3245.1 | 40 | .0346 | 66 | 1257 | 48396000 |
| SLEEVE | MAIN-ROTOR | HELI | 4411.76 | 5034.57 | 20 | .0068 | 66 | 1257 | 48198000 |
| .10 TORQUE | | | | | | | | | |
| | UPPER-ARM.LANDING-GEAR.NOSE | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 48400000A |
| | LOWER-ARM.LANDING-GEAR.NOSE | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 48402000A |
| | LOWER-ARM.LANDING-GEAR.NOSE | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 48404000 |
| | UPPER-ARM.LANDING-GEAR.NOSE | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 48406000 |
| | LANDING-GEAR.NOSE | AIR | 42.9664 | 79.7 | 100 | .11637 | 65 | 1145 | 48408000 |
| | LANDING-GEAR.NOSE | AIR | 79.5454 | 133.76 | 102 | .088 | 63 | 1114 | 48410000 |
| | LANDING-GEAR.NOSE | AIR | 110.314 | 158.6 | 50 | .12491 | 65 | 1198 | 48412000 |
| | LANDING-GEAR.NOSE | AIR | 330.266 | 425.571 | 50 | .08478 | 65 | 1198 | 48414000 |

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
SECTION I FAILURE RATE DATA

PART CLASS ACT SCOOPS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90% CONF LIMIT | PART POPULATION | PART HOURS | YR OF DATA PRT SPEC | CMSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|
| .00 N.S.C. | | | | | | | | |
| | AIR-INLET-AIR-INDUCTION-TURBOPROP | AIR | * | 4.94672 | 40% | .46548 | 83 1198 | 484160000 |
| | OIL-COOLER-ANTI-ICE-ENGINE-PNEU-SYS | AIR | 2.14832 | 8.35642 | 60% | .44548 | 85 1198 | 484180000 |
| | OIL-COOLER-ANTI-ICE-ENGINE-PNEU-SYS | AIR | 33.4889 | 48.5025 | 20% | .07283 | 85 1198 | 484200000 |
| | OIL-COOLER-ANTI-ICE-ENGINE-PNEU-SYS | AIR | 28.8271 | 53.7052 | 40% | .353 | 83 1116 | 484220000 |
| | RAM-AIR-VENT-WING-FUEL-SYSTEM | AIR | 3EC0.12 | 3614.01 | 62 | .02387 | 83 1111 | 484240000 |
| PNEUMATIC | AIR-TURBINE-MOTOR | AIR | * | 17.7868 | 100 | .11637 | 85 1198 | 484260000 |

PART CLASS TOP SCREWJACKS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.S.C. | | | | | | | | | |
| | OUTBOARD-ELEVATOR-TRIM-TAB-ASSEMBLY | AIR | * | 9.07178 | 100 | .25382 | 65 | 1198 | 48428000 |
| | INBOARD-ELEVATOR-TRIM-TAB-ASSEMBLY | AIR | * | 9.49344 | 200 | .23274 | 65 | 1198 | 48430000 |
| | WING-FLAP-ASSEMBLY | AIR | * | 2.47333 | 300 | .93097 | 65 | 1198 | 48432000 |
| | OUTBOARD-ELEVATOR-TRIM-TAB-ASSEMBLY | AIR | * | 13.5798 | 100 | .16934 | 63 | 1198 | 48434000 |
| | | AIR | * | 16.4471 | 1230 | .14 | 61 | 1000 | 48436000A |
| | STABILIZER-CONTROL | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 48438000 |
| | OUTBOARD-ELEVATOR-TRIM-TAB-ASSEMBLY | AIR | * | 9.89344 | 200 | .23274 | 65 | 1198 | 48440000 |
| | INBOARD-ELEVATOR-TRIM-TAB-ASSEMBLY | AIR | * | 13.5798 | 100 | .16934 | 63 | 1198 | 48442000 |
| | WING-FLAP-ASSEMBLY | AIR | .984931 | 3.83108 | 400 | 1.0155 | 65 | 1198 | 48444000 |
| | INBOARD-ELEVATOR-TRIM-TAB-ASSEMBLY | AIR | 3.9398 | 15.3246 | 100 | .25382 | 65 | 1198 | 48446000 |
| | WING-FLAP-ASSEMBLY | AIR | 14.2993 | 20.2978 | 700 | 1.049 | 63 | 1114 | 48448000 |
| | WING-FLAP-ASSEMBLY | AIR | 23.5908 | 33.1032 | 400 | .67823 | 63 | 1198 | 48450000 |
| TELESCOPING | | AIR | * | 16.1915 | 252 | .14221 | 64 | 1144 | 48452000A |

SECTION I FAILURE RATE DATA

PART CLASS 712 SEATS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SHEET | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| | AUXILIARY-CREW.FLIGHT-DECK | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 48454000 |
| | FLIGHT-CHECK.FLIGHT-DECK | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 48456000 |
| | ENGINEER.FLIGHT/NAVIGATOR.FLIGHT-DECK | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 48458000 |
| | ENGINEER.FLIGHT/NAVIGATOR.FLIGHT-DECK | AIR | * | 27.9917 | 192 | .08226 | 66 | 1250 | 48460000A |
| | AUXILIARY-OPER.FLIGHT-DECK | AIR | * | 27.9917 | 192 | .08226 | 66 | 1250 | 48462000 |
| | FLIGHT-CHECK.FLIGHT-DECK | AIR | * | 27.9917 | 192 | .08226 | 66 | 1250 | 48464000 |
| | SPRING.CHECK-VALVE.LUBE-SYSTEM | AIR | .301379 | 1.95021 | 1716 | 1.7945 | 65 | 1201 | 48466000 |
| | TROOP.CARGO-COMPARTMENT | AIR | 2.1545 | 4.62293 | 6004 | 2.649 | 56 | 1250 | 48468000 |
| | PERSONNEL.(M-MILES) | GRD | 8.1103M | 31.5466M | 30 | 2.9233M | 66 | 1255 | 48470000 |
| | SPRING.CHECK-VALVE.OIL-FILTER.POWER-SECTION | AIR | 10.5501 | 21.0033 | 400 | .37914 | 65 | 1201 | 48472000 |
| | PERSONNEL.(M-MILES) | GRD | 12.1553M | 27.0696M | 60 | .2468M | 66 | 1255 | 48474000 |
| | PILOT/COPILOT.FLIGHT-DECK | AIR | 20.2263 | 38.6751 | 96 | .04944 | 65 | 1227 | 48476000 |
| | PILOT/COPILOT.FLIGHT-DECK | AIR | 24.2131 | 64.7009 | 192 | .08226 | 66 | 1250 | 48478000 |
| | TROOP.CARGO-COMPARTMENT | AIR | 32.7717 | 38.6719 | 3792 | 1.9529 | 65 | 1227 | 48480000 |
| | INSTRUCTOR-COMPARTMENT | AIR | 94.2231 | 76.2126 | 406 | .08766 | 64 | 1179 | 48482000 |
| | INSTRUCTOR-COMPARTMENT | AIR | 43.756 | 81.1647 | 473 | .11427 | 65 | 1228 | 48484000 |
| | DRIVER.(M-MILES) | GRD | 64.8298M | 129.555M | 15 | .0617M | 66 | 1255 | 48486000 |
| | PILOT/COPILOT | HELI | 79.0513 | 210.367 | 80 | .0253 | 65 | 1257 | 48488000 |
| | STUDENT-COMPARTMENT | AIR | 113.765 | 165.904 | 473 | .11427 | 65 | 1228 | 48490000 |
| | STUDENT-COMPARTMENT | AIR | 125.484 | 189.346 | 406 | .08766 | 64 | 1179 | 48492000 |
| | INSTRUCTOR-COMPARTMENT | AIR | 181.505 | 207.931 | 597 | .51789 | 67 | 1272 | 48494000 |
| | PILOT/COPILOT | HELI | 184.331 | 490.534 | 40 | .01085 | 66 | 1257 | 48496000 |
| | PASSENGER | HELI | 200 | 351.07 | 120 | .03 | 65 | 1215 | 48498000 |
| | STUDENT-COMPARTMENT | AIR | 268.396 | 299.989 | 597 | .51789 | 67 | 1272 | 48500000 |
| | TROOP | HELI | 317.787 | 369.422 | 200 | .2423 | 66 | 1257 | 48502000 |
| | PILOT/COPILOT | HELI | 419.075 | 557.55 | 80 | .0692 | 66 | 1257 | 48504000 |
| EJECTION | | AIR | 105.263 | 182.175 | | .095 | 63 | 2153 | 48506000 |
| EJECTION | | AIR | 535.315 | 578.847 | | .538 | 63 | 2112 | 48508000 |
| EJECTION.ASSEMBLY | | AIR | 340.522 | 504.584 | | .03524 | 66 | 1241 | 48510000 |

PART CLASS 754 SEPARATORS

| PART DESCRIPTION .00 N.E.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF APPT | DATA SOURCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| MOISTURE | | AIR | 3.62318 | 14.0931 | | .276 | 59 | 1078 | 48512000 |
| MOISTURE | AIR-CONDITIONER.CABIN | AIR | 1389.47 | 1537.65 | | .975 | 63 | 2121 | 48514000 |
| MOISTURE-CONTROL | AIR-TURBINE-MOTOR | AIR | 1465.83 | 1533.95 | 597 | .51789 | 67 | 1272 | 48514000A |
| OIL | | AIR | 0 | 4.89344 | 200 | .23274 | 65 | 1198 | 48518000 |
| WATER | | AIR | 18.5185 | 37.0071 | | .216 | 63 | 2103 | 48520000 |
| WATER | | AIR | 0 | 46.3393 | | .06349 | 63 | 1123 | 48522000A |
| WATER | AIR-CONDITIONER.CARGO-COMPARTMENT | AIR | 34.2731 | 60.6908 | 100 | .11697 | 65 | 1198 | 48524000 |
| WATER | AIR-CONDITIONER.CARGO-COMPARTMENT | AIR | 82.5466 | 138.84 | 50 | .08478 | 63 | 1198 | 48526000 |
| WATER | | AIR | 85.096 | 143.083 | 132 | .08226 | 66 | 1250 | 48526000A |
| WATER | AIR-CONDITIONING.727 | AIR | 90P | | | | 66 | 2360 | 48530000 |
| WATER | AIR-CONDITIONER.CARGO-COMPARTMENT | AIR | 90.909 | 147.467 | 102 | .096 | 63 | 1114 | 48532000 |
| WATER | AIR-CONDITIONER.CARGO-COMPARTMENT | AIR | 93.3333 | 156.845 | 59 | .075 | 62 | 1114 | 48534000 |
| WATER | AIR-CONDITIONER.CARGO-COMPARTMENT | AIR | 94.5551 | 140.111 | 50 | .12691 | 65 | 1198 | 48536000 |
| WATER | AIR-CONDITIONING.727 | AIR | 140P | | | | 65 | 2360 | 48538000 |
| WATER | AIR-CONDITIONING.727 | AIR | 150P | | | | 63 | 2365 | 48540000 |
| WATER | | AIR | 161.812 | 262.837 | 96 | .04944 | 65 | 1227 | 48542000 |
| WATER | AIR-CONDITIONER.FLIGHT-DECK | AIR | 223.425 | 290.769 | 100 | .11637 | 65 | 1198 | 48544000 |
| WATER | AIR-CONDITIONER.FLIGHT-DECK | AIR | 226.666 | 314.748 | 56 | .075 | 63 | 1114 | 48546000 |
| WATER | AIR-CONDITIONER | AIR | 240.963 | 641.24 | 32 | .0883 | 66 | 1225 | 48548000 |
| WATER | AIR-CONDITIONER.FLIGHT-DECK | AIR | 267.699 | 332.44 | 50 | .08479 | 63 | 1198 | 48550000 |
| WATER | AIR-CONDITIONER.FLIGHT-DECK | AIR | 272.727 | 358.903 | 102 | .060 | 63 | 1114 | 48552000 |
| WATER | AIR-CONDITIONING.727 | AIR | 280P | | | | 66 | 2360 | 48554000 |
| WATER | AIR-CONDITIONER.FLIGHT-DECK | AIR | 299.424 | 371.812 | 50 | .12691 | 65 | 1198 | 48556000 |
| WATER | AIR-CONDITIONER.CABIN | AIR | 924.024 | 1070.92 | 406 | .08706 | 64 | 1179 | 48558000 |
| WATER | AIR-CONDITIONER.CABIN | AIR | 936.378 | 1083.39 | 473 | .11427 | 65 | 1228 | 48560000 |
| WATER | | AIR | 2083.33 | 2725.93 | 31 | .012 | 63 | 1111 | 48562000 |
| WATER | | AIR | 2200 | 3319.63 | 16 | .005 | 59 | 1110 | 48564000 |

SECTION I FAILURE RATE DATA

PART CLASS 755 SERVOS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | GROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .CC N.O.C. | | | | | | | | | |
| | ACTUATOR.ELEVATOR.AUTO-FLT-CONT-SYS | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 48566000 |
| | | AIR | ? | | | | 63 | 1138 | 48568000 |
| | | AIR | 17.5438 | 46.6868 | | .114 | 61 | 1084 | 43570000 |
| | RUDDER.AUTOPILOT-SYSTEM | AIR | 35.3857 | 75.8016 | 50 | .06478 | 63 | 1198 | 48572000 |
| | RUDDER.AUTOPILOT-SYSTEM | AIR | 4[illegible] | 69.0773 | 50 | .075 | 63 | 1114 | 48574000 |
| | AILERON.AUTOPILOT-SYSTEM | AIR | 47.2775 | 82.9887 | 50 | .12691 | 65 | 1198 | 48576000 |
| | AILERON.AUTOPILOT-SYSTEM | AIR | 56.6191 | 105.394 | 102 | .088 | 63 | 1114 | 48578000 |
| | ELEVATOR.AUTOPILOT-SYSTEM | AIR | 66.6666 | 259.313 | 66 | .015 | 63 | 1114 | 48580000 |
| | AILERON-AUTOPILOT-SYSTEM | AIR | 66.6666 | 259.313 | 66 | .015 | 63 | 1114 | 48582000 |
| | RUDDER.AUTOPILOT-SYSTEM | AIR | 68.1818 | 119.682 | 102 | .088 | 63 | 1114 | 48584000 |
| | ELEVATOR.AUTOPILOT-SYSTEM | AIR | 7[illegible].7714 | 124.228 | 50 | .08478 | 63 | 1198 | 48586000 |
| | RUDDER.AUTOPILOT-SYSTEM | AIR | 78.9163 | 111.937 | 50 | .12691 | 65 | 1198 | 48588000 |
| | ELEVATOR.AUTOPILOT-SYSTEM | AIR | 79.7959 | 121.398 | 50 | .12691 | 65 | 1198 | 48590000 |
| | ELEVATOR.AUTOPILOT-SYSTEM | AIR | 79.5434 | 133.76 | 102 | .088 | 63 | 1114 | 48592000 |
| | ELEVATOR.AUTOPILOT-SYSTEM | AIR | 80 | 140.428 | 50 | .075 | 63 | 1114 | 48594000 |
| | ACTUATOR.AILERON.AUTO-FLT-CONT-SYS | AIR | 80.9841 | 215.303 | 48 | .02472 | 65 | 1227 | 48596000 |
| | AUTO-FLIGHT.DC-8 | AIR | 100 | | | | 66 | 2380 | 48598000 |
| | AILERON.AUTOPILOT-SYSTEM | AIR | 106.157 | 167.563 | 50 | .08478 | 63 | 1198 | 48600000 |
| | AUTOPILOT | AIR | 115.204 | 131.598 | 225 | .05064 | 65 | 1194 | 48602000 |
| | AILERON.AUTOPILOT-SYSTEM | AIR | 120 | 189.513 | 50 | .075 | 63 | 1114 | 48604000 |
| | | AIR | 123.076 | 151.969 | | .325 | 61 | 1083 | 48606000 |
| | | AIR | 156.794 | 197.212 | | .297 | 61 | 1082 | 48608000 |
| | ACTUATOR.YAW-DAMPER.RUDDER.AFCS | AIR | 262.944 | 383.453 | 96 | .04944 | 63 | 1227 | 48610000 |
| | STABILIZER-TRIM | AIR | 652.075 | 681.347 | 152 | 1.325 | 64 | 1193 | 48612000 |
| | BULKHEAD-ROLL.FLIGHT-CONTROL-SYSTEM | GRD | 1012.65 | 1644.89 | | .0075 | 62 | 1135 | 48614000 |
| | (STORAGE) | ASL | .? | | | | 65 | 2440 | 48616000 |
| A.C | AUTOPILOT | LAB | 520.833 | 2025.68 | 3 | .00192 | 61 | 2600 | 48618000 |
| A/P.AMPLIFIER-FILTER | AUTOPILOT | NSL | 689.655 | 1835.27 | 17 | .00290 | 61 | 2600 | 48620000 |
| A/P.AMPLIFIER-FILTER | AUTOPILOT | NSL | 919.54 | 1827.99 | 21 | .00435 | 61 | 2600 | 48622000 |
| A/P.AMPLIFIER-FILTER | ELEVATOR.AFCS | AIR | 97.2526 | 104.348 | 76 | .04113 | 66 | 1250 | 48624000 |
| ACTUATOR | AILERON.AUTO-FLIGHT-CONTROL-SYSTEM | AIR | 236.818 | 345.392 | 76 | .04113 | 66 | 1250 | 48626000 |
| ACTUATOR | YAW-DAMPER.RUDDER.AFCS | AIR | 109.409 | 177.690 | 152 | .08228 | 66 | 1250 | 48626500A |
| ACTUATOR | | | | | | | | | |
| MOTOR-AND-TACHOMETER | | GRD | 4597.[illegible] | 7368.21 | 29 | .06[illegible]74 | 63 | 1125 | 48630000 |
| ACTUATOR-ASSEMBLY | | AIR | 30 | | | | 66 | 2330 | 48632000 |
| AILERON | AUTO.FLIGHT | AIR | 210P | | | | 66 | 2365 | 48634000 |
| AILERON | AUTO-PILOT.727 | AIR | 370P | | | | 66 | 2360 | 48636000 |
| AILERON | AUTO-PILOT.727 | AIR | 400P | | | | 66 | 2365 | 48638000 |
| AILERON | AUTO-PILOT.727 | GRD | 3291.13 | 4283.00 | | .0075 | 62 | 1135 | 48640000 |
| ALTITUDE | FLIGHT-CONTROL-SYSTEM | AIR | • | 917.37 | | .00251 | 62 | 2750 | 48642000 |
| AMP-RATE | F-111 | AIR | 170P | | | | 66 | 2365 | 48644000 |
| AUTO-THRUST | NAVIGATION.880 | AIR | 194.552 | 756.75 | | .00314 | 65 | 1198 | 48646000 |
| AZIMUTH | NAVIGATIONAL-COMPUTER | AIR | 753.768 | 1189.78 | 31 | .01194 | 63 | 1111 | 48648000 |
| AZIMUTH | GUN-TURRET.FIRE-CONTROL-SYSTEM | SIN GRD AIR | 79.6403 | 212.467 | 190 | .02505 | 64 | 1161 | 48650000A |
| BEARING | SIGNAL-DATA-CONVERTER.COMM-SYS | GRD | 749.063 | 1993.37 | 36 | .00267 | 65 | 1125 | 48652000 |
| BLOCK-ASSEMBLY | | | | | | | | | |

SECTION I FAILURE RATE DATA

| PART CLASS 755 SERVOS<br>PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | NO OF PARTS | DATA SOURCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| DISTANCE | SIGNAL-DATA-CONV.SYSTEM-CONVERTER | SIN GND RTR | 39.9681 | 199.277 | 195 | .02565 | 64 | 1181 | 48664360A |
| ELECTROHYDRAULIC | (STORAGE) | RSL | 10 | | | | 63 | 2963 | 48654000 |
| ELEVATION | GUN-TURRET.FIRE-CONTROL-SYSTEM | AIR | 837.32 | 1298.59 | 31 | .04194 | 63 | 1111 | 48658000 |
| FEEL.ARTIFICIAL | ELEVATOR-CONTROL-SYSTEM | AIR | 930.42 | 1331.92 | 48 | .02472 | 65 | 1237 | 48668000 |
| FEEL.ARTIFICIAL<br>MOTOR-AND-TACHOMETER | ELEVATOR-CONTROL-SYSTEM | AIR | 753.707 | 958.643 | 76 | .05115 | 64 | 1298 | 48667000 |
| HYDRAULIC | | GEN | 200 | | | | 62 | 1878 | 48664000 |
| HYDRAULIC.3000-PSI | STABILITY-AUGMENTOR | GEN | 0 | 224.424 | | .01024 | 62 | 1136 | 48666000 |
| HYDRAULIC.3000-PSI | | GND | 172.861 | 470.646 | | .0065 | 62 | 1134 | 48669000 |
| INSTRUMENT.<br>MOTOR-AND-TACHOMETER | | QUAL TEST | 103.448 | 181.387 | | .050 | 59 | 2L2 | 48670000 |
| INTEGRATING | | AIR GND | 213.389 | 252.347 | | .295 | 58 | 2L2 | 48672000 |
| MACH-TRIM-TORQUE-UNIT | AUTO-PILOT.707-1318 | AIR | 240P | | | | 66 | 2361 | 48674000 |
| MACH-TRIM-TORQUE-UNIT | AUTO-PILOT.707-1318 | AIR | 570P | | | | 64 | 2361 | 48676000 |
| MACH-TRIM-TORQUE-UNIT | AUTO-PILOT.707-1318 | AIR | 1800P | | | | 65 | 2361 | 48678000 |
| POSITION | | AIR GND | 30.9859 | 37.875 | | 1.42 | 58 | 2L2 | 48680000 |
| POWER | | LAB | 0 | 127.922 | | .018 | 59 | 2L2 | 48682000 |
| POWER | | AIR GND | 37.5 | | | | 59 | 2L2 | 48684000 |
| POWER | | AIR GND | 128.919 | 141.935 | | 1.435 | 57 | 2L2 | 48686000 |
| POWER | | HELI | 188.141 | 208.79 | | .226 | 59 | 2L2 | 48688000 |
| ROTARY | RUDDER | AIR | 236.095 | 321.965 | | .084 | 59 | 1878 | 48690000 |
| SERVOCYLINDER-ASSEMBLY.<br>BOOSTER | AUTOPILOT | LAB | 2481.9 | 3246.13 | 215 | .00967 | 61 | 2600 | 48692000 |
| SERVOCYLINDER-ASSEMBLY.<br>BOOSTER | AUTOPILOT | LAB | 5373.13 | 7389.94 | 87 | .00335 | 61 | 2600 | 48694000 |
| SERVOCYLINDER-ASSEMBLY.<br>BOOSTER | AUTOPILOT | LAB | 6666.66 | 25931.3 | 9 | .00015 | 61 | 2600 | 48694000 |
| SERVOCYLINDER-ASSEMBLY.<br>SUSTAINER | AUTOPILOT | LAB | 0 | 9070.13 | 19 | .00075 | 61 | 2600 | 48698000 |
| SERVOCYLINDER-ASSEMBLY.<br>SUSTAINER | AUTOPILOT | LAB | 0 | 2239.53 | 4 | .00163 | 61 | 2600 | 48700000 |
| SERVOCYLINDER-ASSEMBLY.<br>SUSTAINER | AUTOPILOT | LAB | 1237.62 | 2295.71 | 198 | .03404 | 61 | 2600 | 48702000 |
| SERVOCYLINDER-ASSEMBLY.<br>SUSTAINER | AUTOPILOT | LAB | 14285.7 | 55547.1 | 1 | .00007 | 61 | 2600 | 48704000 |
| SERVOCYLINDER-ASSEMBLY.<br>VERNIER-INBOARD | AUTOPILOT | LAB | 0 | 4184.54 | 54 | .00035 | 61 | 2600 | 48706000 |
| SERVOCYLINDER-ASSEMBLY.<br>VERNIER-INBOARD | AUTOPILOT | LAB | 0 | 76755.3 | 2 | .00003 | 61 | 2600 | 48708000 |
| SERVOCYLINDER-ASSEMBLY.<br>VERNIER-INBOARD | AUTOPILOT | LAB | 2449.88 | 3696.69 | 96 | .00449 | 61 | 2600 | 48710000 |
| SERVOCYLINDER-ASSEMBLY.<br>VERNIER-OUTBOARD | AUTOPILOT | LAB | 0 | 76755.3 | 2 | .00003 | 61 | 2600 | 48712000 |
| SERVOCYLINDER-ASSEMBLY.<br>VERNIER-OUTBOARD | AUTOPILOT | LAB | 0 | 1308.25 | 27 | .00176 | 61 | 2600 | 48714000 |

PART CLASS 75° SERVOS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| SERVOCYLINDER-ASSEMBLY, VERNIER-OUTBOARD | AUTOPILOT | LAB | * | 28782.5 | 3 | .00008 | 61 | 2600 | 48714000 |
| SERVOCYLINDER-ASSEMBLY, VERNIER-OUTBOARD | AUTOPILOT | LAB | * | 5116.68 | 50 | .00045 | 61 | 2600 | 48718000 |
| SERVOCYLINDER-ASSEMBLY, VERNIER-OUTBOARD | AUTOPILOT | LAB | 1538.46 | 5074.44 | 48 | .00260 | 61 | 2600 | 48720000 |
| SERVOCYLINDER-ASSEMBLY, VERNIER-OUTBOARD | AUTOPILOT | MSL | 2702.7 | 10512.7 | 34 | .00037 | 61 | 2600 | 48722000 |
| SPEED-STABILITY-AMP | AUTO-PILOT.880 | AIR | 170P | | | | 66 | 2363 | 48724000 |
| SPEED-STABILITY-AMP | AUTO-PILOT.880 | AIR | 180P | | | | 65 | 2363 | 48726000 |
| SPEED-STABILITY-AMP | AUTO-PILOT.880 | AIR | 300P | | | | 66 | 2363 | 48728000 |
| STABILIZER-TRIM | AUTO-PILOT.707-331 | AIR | 310P | | | | 66 | 2364 | 48730000 |
| STABILIZER-TRIM | AUTO-PILOT.707-331 | AIR | 310P | | | | 65 | 2364 | 48732000 |
| STABILIZER-TRIM | AUTO-PILOT.707-331 | AIR | 340P | | | | 66 | 2364 | 48734000 |
| STABILIZER-TRIM | AUTO-PILOT.707-1318 | AIR | 360P | | | | 66 | 2361 | 48736000 |
| STABILIZER-TRIM | AUTO-PILOT.707-3318 | AIR | 420P | | | | 65 | 2364 | 48738000 |
| STABILIZER-TRIM | AUTO-PILOT.331C/373C | AIR | 480P | | | | 66 | 2360 | 48740000 |
| STABILIZER-TRIM | AUTO-PILOT.331C/373C | AIR | 510P | | | | 66 | 2363 | 48742000 |
| STABILIZER-TRIM | AUTO-PILOT.707-3318 | AIR | 550P | | | | 66 | 2361 | 48744000 |
| STABILIZER-TRIM | AUTO-PILOT.707-3318 | AIR | 560P | | | | 66 | 2361 | 48746000 |
| STABILIZER-TRIM | AUTO-PILOT.707-3318 | AIR | 580P | | | | 66 | 2364 | 48748000 |
| STABILIZER-TRIM | AUTO-PILOT.707-3318 | AIR | 680P | | | | 65 | 2361 | 48750000 |
| STABILIZER-TRIM | AUTO-PILOT.707-331 | AIR | 660P | | | | 66 | 2362 | 48752000 |
| STABILIZER-TRIM | AUTO-PILOT.707-1318 | AIR | 700P | | | | 65 | 2364 | 48754000 |
| STABILIZER-TRIM | AUTO-PILOT.707-131 | AIR | 740P | | | | 66 | 2362 | 48756000 |
| STABILIZER-TRIM | AUTO-PILOT.707-331 | AIR | 770P | | | | 65 | 2361 | 48758000 |
| STABILIZER-TRIM | AUTO-PILOT.707-1318 | AIR | 800P | | | | 65 | 2362 | 48760000 |
| STABILIZER-TRIM | AUTO-PILOT.707-131 | AIR | 890P | | | | 66 | 2364 | 48762000 |
| STABILIZER-TRIM | AUTO-PILOT.707-131 | AIR | 910P | | | | 65 | 2362 | 48764000 |
| STABILIZER-TRIM | AUTO-PILOT.707-1318 | AIR | 920P | | | | 66 | 2364 | 48766000 |
| STABILIZER-TRIM | AUTO-PILOT.707-1318 | AIR | 920P | | | | 66 | 2361 | 48768000 |
| STABILIZER-TRIM | AUTO-PILOT.331C/373C | AIR | 1000P | | | | 66 | 2360 | 48770000 |
| STABILIZER-TRIM | AUTO-PILOT.707-131 | AIR | 1040P | | | | 65 | 2361 | 48772000 |
| STABILIZER-TRIM | AUTO-PILOT.707-1318 | AIR | 1070P | | | | 66 | 2364 | 48774000 |
| STABILIZER-TRIM | AUTO-PILOT.707-131 | AIR | 1110P | | | | 66 | 2361 | 48776000 |
| STABILIZER-TRIM | AUTO-PILOT.707-1318 | AIR | 1180P | | | | 66 | 2362 | 48778000 |
| STABILIZER-TRIM | AUTO-PILOT.707-3318 | AIR | 1190P | | | | 66 | 2364 | 48780000 |
| STABILIZER-TRIM | AUTO-PILOT.707-3318 | AIR | 1210P | | | | 66 | 2362 | 48782000 |
| STABILIZER-TRIM | AUTO-PILOT.707-331 | AIR | 1320P | | | | 66 | 2361 | 48784000 |
| STABILIZER-TRIM | AUTO-PILOT.707-1318 | AIR | 1350P | | | | 66 | 2362 | 48786000 |
| STABILIZER-TRIM | AUTO-PILOT.707-131 | AIR | 1360P | | | | 66 | 2364 | 48788000 |
| STABILIZER-TRIM | AUTO-PILOT.331C/373C | AIR | 1390P | | | | 65 | 2360 | 48790000 |
| STABILIZER-TRIM | AUTO-PILOT.707-331 | AIR | 1470P | | | | 66 | 2361 | 48792000 |
| STABILIZER-TRIM | AUTO-PILOT.707-3318 | AIR | 1700P | | | | 66 | 2362 | 48794000 |
| STABILIZER-TRIM | AUTO-PILOT.707-131 | AIR | 1830P | | | | 66 | 2362 | 48796000 |

PART CLASS 755 SERVOS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SHEET | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| STABILIZER-TRIM | AUTO-PILOT.707-131B | AIR | 1990P | | | | 65 | 2361 | 48798680 |
| STABILIZER-TRIM | AUTO-PILOT.707-131 | AIR | 2050P | | | | 64 | 2361 | 48800000 |
| STABILIZER-TRIM | AUTO-PILOT.707-331 | AIR | 2170P | | | | 66 | 2362 | 48802000 |
| STABILIZER-TRIM | AUTO-PILOT.707-331 | AIR | 2390P | | | | 65 | 2362 | 48804000 |
| STABILIZER-TRIM | AUTO-PILOT.331C/373C | AIR | 2440P | | | | 65 | 2365 | 48806000 |
| SURFACE | AUTO-PILOT.707-331 | AIR | 90P | | | | 66 | 2361 | 48808000 |
| SURFACE | AUTO-PILOT.707-131B | AIR | 110P | | | | 66 | 2361 | 48810000 |
| SURFACE | AUTO-PILOT.707-331B | AIR | 140P | | | | 66 | 2361 | 48812000 |
| SURFACE | AUTO-PILOT.707-131 | AIR | 150P | | | | 66 | 2361 | 48814000 |
| SURFACE | AUTO-PILOT.707-331B | AIR | 190P | | | | 66 | 2364 | 48816000 |
| SURFACE | AUTO-PILOT.707-131 | AIR | 220P | | | | 66 | 2364 | 48818000 |
| SURFACE | AUTO-PILOT.707-131B | AIR | 240P | | | | 66 | 2361 | 48820000 |
| SURFACE | AUTO-PILOT.880 | AIR | 250P | | | | 66 | 2360 | 48822000 |
| SURFACE | AUTO-PILOT.707-331 | AIR | 260P | | | | 65 | 2361 | 48824000 |
| SURFACE | AUTO-PILOT.707-131B | AIR | 270P | | | | 65 | 2361 | 48826000 |
| SURFACE | AUTO-PILOT.707-331B | AIR | 280P | | | | 66 | 2362 | 48828000 |
| SURFACE | AUTO-PILOT.880 | AIR | 300P | | | | 66 | 2363 | 48830000 |
| SURFACE | AUTO-PILOT.707-331 | AIR | 310P | | | | 66 | 2364 | 48832000 |
| SURFACE | AUTO-PILOT.707-331B | AIR | 340P | | | | 65 | 2361 | 48834000 |
| SURFACE | AUTO-PILOT.707-331 | AIR | 340P | | | | 65 | 2362 | 48836000 |
| SURFACE | AUTO-PILOT.880 | AIR | 360P | | | | 65 | 2363 | 48838000 |
| SURFACE | AUTO-PILOT.707-131B | AIR | 420P | | | | 65 | 2364 | 48840000 |
| SURFACE | AUTO-PILOT.880 | AIR | 450P | | | | 66 | 2360 | 48842000 |
| SURFACE | AUTO-PILOT.880 | AIR | 450P | | | | 66 | 2363 | 48844000 |
| SURFACE | AUTO-PILOT.707-331B | AIR | 490P | | | | 66 | 2362 | 48846000 |
| SURFACE | AUTO-PILOT.331C/373C | AIR | 490P | | | | 65 | 2365 | 48848000 |
| SURFACE | AUTO-PILOT.707-331B | AIR | 510P | | | | 66 | 2364 | 48850000 |
| SURFACE | AUTO-PILOT.331C/373C | AIR | 540P | | | | 66 | 2363 | 48852000 |
| SURFACE | AUTO-PILOT.707-131 | AIR | 590P | | | | 65 | 2364 | 48854000 |
| SURFACE | AUTO-PILOT.707-131 | AIR | 600P | | | | 65 | 2362 | 48856000 |
| SURFACE | AUTO-PILOT.707-331 | AIR | 620P | | | | 66 | 2362 | 48858000 |
| SURFACE | AUTO-PILOT.707-131B | AIR | 640P | | | | 65 | 2362 | 48860000 |
| SURFACE | AUTO-PILOT.707-131B | AIR | 670P | | | | 66 | 2364 | 48862000 |
| SURFACE | AUTO-PILOT.707-331 | AIR | 670P | | | | 66 | 2364 | 48864000 |
| SURFACE | AUTO-PILOT.707-131 | AIR | 670P | | | | 66 | 2361 | 48866000 |
| SURFACE | AUTO-PILOT.707-131 | AIR | 680P | | | | 66 | 2364 | 48868000 |
| SURFACE | AUTO-PILOT.707-131 | AIR | 690P | | | | 66 | 2361 | 48870000 |
| SURFACE | AUTO-PILOT.707-131 | AIR | 740P | | | | 66 | 2362 | 48872000 |
| SURFACE | AUTO-PILOT.707-131B | AIR | 740P | | | | 66 | 2362 | 48874000 |
| SURFACE | AUTO-PILOT.880 | AIR | 790P | | | | 65 | 2360 | 48876000 |
| SURFACE | AUTO-PILOT.880 | AIR | 840P | | | | 66 | 2363 | 48878000 |
| SURFACE | AUTO-PILOT.707-331 | AIR | 840P | | | | 66 | 2361 | 48880000 |
| SURFACE | AUTO-PILOT.707-131B | AIR | 920P | | | | 66 | 2364 | 48882000 |
| SURFACE | AUTO-PILOT.707-331 | AIR | 930P | | | | 65 | 2364 | 48884000 |
| SURFACE | AUTO-PILOT.331C/373C | AIR | 1000P | | | | 66 | 2360 | 48886000 |

PART CLASS 755 SERVOS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 60 CONF LIMIT | PART POPU- LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| SURFACE | AUTO-PILOT.707-331 | AIR | 1010P | | | | 66 | 2362 | 48484000 |
| SURFACE | AUTO-PILOT.707-151 | AIR | 1040P | | | | 65 | 2361 | 48500000 |
| SURFACE | AUTO-PILOT.707-1318 | AIR | 1350P | | | | 66 | 2362 | 48492000 |
| SURFACE | AUTO-PILOT.880 | AIR | 1520P | | | | 66 | 2365 | 48494000 |
| SURFACE | AUTO-PILOT.880 | AIR | 1612P | | | | 65 | 2365 | 48850000 |
| SURFACE | AUTO-PILOT.331C/373C | AIR | 2040P | | | | 66 | 2363 | 48496000 |
| SURFACE | AUTO-PILOT.331C/373C | AIR | 480P | | | | 66 | 2360 | 48907000 |
| TORQUE-UNIT | AUTO-PILOT.331C/373C | AIR | 510P | | | | 66 | 2359 | 48902000 |
| TORQUE-UNIT | AUTO-PILOT.707-331B | AIR | 550P | | | | 66 | 2361 | 48904000 |
| TORQUE-UNIT | AUTO-PILOT.331C/373C | AIR | 1610P | | | | 66 | 2363 | 48906090 |
| TORQUE-UNIT | AUTO-PILOT.880 | AIR | 150P | | | | 66 | 2365 | 48908080 |
| TRIM | AUTO-PILOT.880 | AIR | 150P | | | | 66 | 2360 | 48910000 |
| TRIM | AUTO-PILOT.880 | AIR | 320P | | | | 65 | 2366 | 48912000 |
| TRIM | AUTO-PILOT.880 | AIR | 330P | | | | 66 | 2363 | 48914000 |

PART CLASS 761 SHIELDS AND SHIELDING

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | % OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.E.C. | | | | | | | | | |
| | RELAY.TACAN-RADIO.ARN21B | AIR | * | 192.647 | 31 | .01194 | 63 | 1111 | 48931000 |
| | TERMINAL-BLOCK.AUTOPILOT-SYSTEM | AIR | * | 9.89344 | 280 | .23274 | 65 | 1198 | 48930000 |
| | AFT-TAILPIPE.NACELLE | AIR | 5.66572 | 15.0773 | 408 | .355 | 63 | 1114 | 48922000 |
| | AFT-TAILPIPE.NACELLE | AIR | 6.68896 | 17.8903 | 280 | .299 | 63 | 1114 | 48922000 |
| | AFT-TAILPIPE.NACELLE | AIR | 11.7952 | 29.9714 | 204 | .33912 | 63 | 1198 | 48924000 |
| BEARING | | LAB | .089 | | | | 63 | 1138 | 48920000 |
| EXHAUST.ENGINE | WING.OUTER | AIR | * | 9.89344 | 280 | .23274 | 65 | 1198 | 48920000 |
| EXHAUST.ENGINE | WING.CENTER | AIR | 4.29664 | 16.7126 | 290 | .23274 | 65 | 1198 | 48930000 |
| GLARE | SEARCH-RADAR.AN/APN-59 | AIR | 3.9398 | 15.3246 | 180 | .25382 | 65 | 1198 | 48932000 |
| GLARE | SEARCH-RADAR.AN/APN-59 | AIR | 5.66181 | 22.1005 | 204 | .176 | 63 | 1114 | 48934000 |
| GLARE | ESCAPE-SYSTEM | AIR | 9.26097 | 36.0224 | 63 | .10798 | 65 | 1195 | 48934000 |
| GLARE | SEARCH-RADAR.AN/APN-59 | AIR | 21.4832 | 39.85 | 280 | .23274 | 65 | 1198 | 48938000 |
| GLARE | INSTRUMENT-PANEL-INSTRUCTOR-COMP | AIR | 26.2934 | 58.461 | 473 | .11427 | 65 | 1228 | 48940000 |
| GLARE | FLIGHT-DECK | AIR | 40.453 | 107.051 | 96 | .04944 | 63 | 1227 | 48942000 |
| GLARE | INSTRUMENT-PANEL.STUDENT-COMPARTMENT | AIR | 43.756 | 81.1647 | 473 | .11427 | 65 | 1228 | 48944000 |
| GLARE | SEARCH-RADAR.AN/APN-59 | AIR | 53.0785 | 83.7815 | 100 | .16956 | 63 | 1198 | 48946000 |
| GLARE | INSTRUMENT-PANEL.STUDENT-COMPARTMENT | AIR | 97.0385 | 105.903 | 406 | .08766 | 64 | 1179 | 48948000 |
| GLARE | SEARCH-RADAR.AN/APN-59 | AIR | 60.4026 | 95.3422 | 100 | .149 | 63 | 1114 | 48950000 |
| GLARE | INSTRUMENT-PANEL.INSTRUCTOR-COMP | AIR | 91.2616 | 148.235 | 406 | .08766 | 64 | 1179 | 48952000 |
| GLARE | | AIR | 134.025 | 217.703 | 195 | .05969 | 63 | 1111 | 48954000 |
| HEAT | PNEUMATIC-PRESSURE-SUPPLY | AIR | * | 24.1109 | 248 | .0955 | 63 | 1121 | 48956000 |
| HEAT | ENGINE-NACELLE | AIR | * | 11.6434 | 384 | .19776 | 65 | 1227 | 48958000 |
| HEAT | INLET.AIR-STARTER.TURBOJET.J-85 | AIR | 21.878 | 40.5823 | 946 | .22854 | 65 | 1228 | 48960000 |
| HEAT | INLET.AIR-STARTER.TURBOJET.J-85 | AIR | 22.8154 | 45.594 | 812 | .17532 | 64 | 1179 | 48962000 |
| HEAT | AIR-CONDITIONING-SYSTEM | AIR | 83.752 | 325.77 | 31 | .01194 | 63 | 1111 | 48964000 |
| HEAT.ROOF | ENGINE | AIR | 333.333 | 913.555 | 120 | .03 | 65 | 1215 | 48966000 |
| RADIO-FREQUENCY | | LAB | .09 | | | | 63 | 1138 | 48968000 |
| SHIELDS.GLARE | FLIGHT-DECK | AIR | 97.2526 | 157.971 | 192 | .08226 | 66 | 1250 | 48970000 |
| SHIELDS.GLARE | INSTRUMENT-PANEL. INSTRUCTOR-COMPARTMENT | AIR | 171.851 | 197.632 | 597 | .51789 | 67 | 1272 | 48972000 |
| SHIELDS.GLARE | INSTRUMENT-PANEL.STUDENT-COMPARTMENT | AIR | 204.676 | 232.582 | 597 | .51789 | 67 | 1272 | 48974000 |
| SUN | TEMP-BULB.PITOT-STATIC-SYSTEM | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 48976000 |
| SUN | TEMP-BULB.PITOT-STATIC-SYSTEM | AIR | * | 19.7868 | 100 | .11837 | 65 | 1198 | 48978000 |
| TUBE | TEMP-BULB.PITOT-STATIC-SYSTEM | AIR | 11.7952 | 45.8799 | 50 | .08478 | 63 | 1198 | 48980000 |
| | | LAB | .023 | | | | 63 | 1138 | 48982000 |
| .50 HEAT | | | | | | | | | |
| SHIELDS | ENGINE-NACELLE | AIR | 3.03951 | 11.8227 | 603 | .329 | 66 | 1250 | 48984000 |

SECTION I FAILURE RATE DATA

PART CLASS 763 SHOES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR 3F RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.S.C. | | | | | | | | | |
| | LANDING-GEAR.MAIN | AIR | 2.8409 | 5.07723 | 1632 | 1.408 | 63 | 1114 | 48986000 |
| | LANDING-GEAR.MAIN | AIR | 4.04858 | 15.9477 | 1088 | .247 | 63 | 1114 | 48986000 |
| | LANDING-GEAR.MAIN | AIR | 5.37085 | 8.27469 | 1600 | 1.8619 | 65 | 1198 | 48990000 |
| | LANDING-GEAR.MAIN | AIR | 9.1573 | 12.7567 | 800 | 2.0909 | 65 | 1198 | 48992000 |
| | LANDING-GEAR.MAIN | AIR | 54.5921 | 63.6126 | 800 | 1.3565 | 63 | 1198 | 48994000 |
| | LANDING-GEAR.MAIN | AIR | 57.5479 | 87.4841 | 800 | 1.199 | 63 | 1114 | 48996000 |
| | BRAKE | AIR | * | 164.471 | | .014 | 61 | 1382 | 48998000 |
| MAGNETIC | TRACK.DRIVE.(M-MILES) | GRD | 1.91522M | 2.71864M | 1905 | 7.832M | 66 | 1259 | 49000000 |
| RUBBER-INSERT | MAIN | HELI | 86.6425 | 128.386 | 160 | .1385 | 66 | 1257 | 49002000 |
| SKID.W/HARDWARE | MAIN | HELI | 366.663 | 998.834 | 80 | .0217 | 66 | 1257 | 49004000 |
| SKID.W/HARDWARE | | | | | | | | | |

PART CLASS 764 SHROUDS

| PART DESCRIPTION .00 N.E.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF DATA | SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| | TORQUE-SHAFT-HSG.BASIC-ENGINE | AIR | 0 | 4.04677 | 488 | .46548 | 65 | 1198 | 49006000 |
| | TORQUE-SHAFT-HSG.BASIC-ENGINE | AIR | 0 | 10.0752 | 946 | .22854 | 65 | 1228 | 49008000 |
| | FRONT-FRAME.TURBOJET.J-85 | AIR | 0 | 10.0752 | 946 | .22854 | 65 | 1228 | 49010000 |
| | DUCT.COOLING.AIR-INDUCTION.TURBOPROP | AIR | 2.14832 | 6.35642 | 400 | .46548 | 65 | 1198 | 49012000 |
| | TORQUE-SHAFT-HSG.BASIC-ENGINE | AIR | 2.9488 | 11.4699 | 200 | .33972 | 63 | 196 | 49014000 |
| | TORQUE-SHAFT-HSG.BASIC-ENGINE | AIR | 3.34448 | 13.009 | 200 | .299 | 63 | 1114 | 49016000 |
| | TORQUE-SHAFT-HSG.BASIC-ENGINE | AIR | 5.66572 | 15.0773 | 488 | .323 | 65 | 1114 | 49018000 |
| | EXHAUST-NOZZLE.AFTERBURNER | AIR | 9.84969 | 18.2705 | 200 | .50783 | 65 | 1198 | 49020000 |
| | RECEIVING-SET.APS-54 | AIR | 32.4254 | 64.7985 | | .12956 | 63 | 1123 | 49022000 |
| | INSULATING-BLANKET.ENGINE AFTERBURNER | AIR | 41.6935 | 102.953 | 62 | .02387 | 63 | 1111 | 49024000 |
| | TAILPIPE | AIR | 43.9367 | 81.5 | | .1138 | 63 | 1123 | 49026000 |
| | ENGINE.AFT | AIR | 486.988 | 527.854 | | .558 | 63 | 2111 | 49028000 |
| COOLING | ENGINE.FORWARD | AIR | 736.842 | 963.052 | | .095 | 63 | 2120 | 49030000 |
| | ENGINE.POWER-PLANT-SYSTEM | AIR | 757.894 | 885.7 | | .095 | 63 | 2120 | 49032000 |
| | | AIR | 119.85 | 194.677 | 256 | .06675 | 64 | 1225 | 49034000 |

PART CLASS 765 SKIN

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00) N.O.C. | | | | | | | | | |
| AILERON | FLIGHT-CONTROL-SYSTEM | AIR | * | 46.5136 | 96 | .04944 | 65 | 1227 | 49036000 |
| AILERON | FLIGHT-CONTROL-SYSTEM | AIR | * | 27.1597 | 50 | .08478 | 63 | 1198 | 49038000 |
| AILERON | FLIGHT-CONTROL-SYSTEM | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 49040000 |
| AILERON | FLIGHT-CONTROL-SYSTEM | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 49042000 |
| AILERON | FLIGHT-CONTROL-SYSTEM | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 49044000 |
| AILERON | FLIGHT-CONTROL-SYSTEM | AIR | * | 9.7512 | 236 | .22854 | 65 | 1228 | 49046000 |
| AILERON | FLIGHT-CONTROL-SYSTEM | AIR | 16.414 | 22.7924 | 1194 | 1.0357 | 67 | 1272 | 49048000 |
| AILERON | FLIGHT-CONTROL-SYSTEM | AIR | 22.8154 | 45.594 | 812 | .17592 | 64 | 1179 | 49050000 |
| AIR-INTAKE | | AIR | 159.312 | 176.413 | 1194 | 1.0357 | 67 | 1272 | 49052000 |
| DOOR | NOSE-LANDING-GEAR.FORWARD | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 49054000 |
| DOOR | NOSE-LANDING-GEAR.FORWARD | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 49056000 |
| DOOR | MAIN-LANDING-GEAR.INBOARD | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 49058000 |
| DOOR | LANDING-GEAR.MAIN | AIR | * | 13.1336 | 812 | .17592 | 64 | 1179 | 49060000 |
| DOOR | NOSE-LANDING-GEAR.AFT | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 49062000 |
| DOOR | MAIN-LANDING-GEAR.OUTBOARD | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 49064000 |
| DOOR | NOSE-LANDING-GEAR.AFT | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 49066000 |
| DOOR | ESCAPE-HATCH.CARGO-COMPARTMENT | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 49068000 |
| DOOR | FORWARD-ESCAPE-HATCH | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 49070000 |
| DOOR | NOSE-LANDING-GEAR.FORWARD | AIR | * | 27.1597 | 50 | .08478 | 63 | 1198 | 49072000 |
| DOOR | NOSE-LANDING-GEAR.AFT | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 49074000 |
| DOOR | NOSE-LANDING-GEAR. | AIR | * | 26.2673 | 406 | .08766 | 64 | 1179 | 49076000 |
| DOOR | NOSE-LANDING-GEAR.FORWARD | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 49078000 |
| DOOR | NOSE-LANDING-GEAR.AFT | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 49080000 |
| DOOR | NOSE-LANDING-GEAR.FORWARD | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 49082000 |
| DOOR | MAIN-LANDING-GEAR.OUTBOARD | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 49084000 |
| DOOR | NOSE-LANDING-GEAR.AFT | AIR | * | 27.1597 | 50 | .08478 | 63 | 1198 | 49086000 |
| DOOR | MAIN-LANDING-GEAR.INBOARD | AIR | * | 9.07178 | 100 | .25382 | 65 | 1198 | 49088000 |
| DOOR | MAIN-LANDING-GEAR.INBOARD | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 49090000 |
| DOOR | MAIN-LANDING-GEAR.OUTBOARD | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 49092000 |
| DOOR | MAIN-LANDING-GEAR.OUTBOARD | AIR | 3.9398 | 19.3246 | 100 | .25382 | 65 | 1198 | 49094000 |
| DOOR | MAIN-LANDING-GEAR | AIR | 4.3756 | 17.0157 | 946 | .22854 | 65 | 1228 | 49096000 |
| DOOR | MAIN-LANDING-GEAR.OUTBOARD | AIR | 5.89751 | 22.9499 | 100 | .16956 | 63 | 1198 | 49098000 |
| DOOR | MAIN-LANDING-GEAR.INBOARD | AIR | 8.59328 | 33.4257 | 100 | .11637 | 65 | 1198 | 49100 00 |
| DOOR | NOSE-LANDING-GEAR. | AIR | 17.5024 | 46.5765 | 473 | .11427 | 65 | 1228 | 49102000 |
| DOOR | NOSE-LANDING-GEAR | AIR | 42.48 | 96.6148 | 597 | .01789 | 67 | 1272 | 49104000 |
| DOOR | LANDING-GEAR.MAIN | AIR | 54.0697 | 64.5557 | 1194 | 1.0357 | 67 | 1272 | 49106000 |
| DOOR | MAIN-LANDING-GEAR.INBOARD | AIR | 66.6666 | 259.313 | 68 | .015 | 63 | 1114 | 49108000 |
| DOOR.ELECTRIC | ACT/SPOILER | AIR | * | 13.5798 | 100 | .16956 | 63 | 1198 | 49110000 |
| DOOR.ELECTRIC | ACT/SPOILER | AIR | * | 9.07178 | 100 | .25382 | 65 | 1198 | 49112000 |
| DOOR.ELECTRIC | GAS-TURBINE-COMPRESSOR-INTAKE | AIR | * | 9.07178 | 100 | .25382 | 65 | 1198 | 49114000 |
| DOOR.ELECTRIC | GAS-TURBINE-COMPRESSOR-INTAKE | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 49116000 |
| DOOR.ELECTRIC | ACT/SPOILER | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 49118000 |
| DOOR.EMERGENCY | FORWARD-EXIT.TOP | AIR | * | 27.1597 | 50 | .08478 | 63 | 1198 | 49120000 |
| DOOR.EMERGENCY | AFT-EXIT.TOP | AIR | * | 27.1597 | 50 | .08478 | 63 | 1198 | 49122000 |
| DOOR.EMERGENCY | AFT EXIT.TOP | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 49124000 |

PART CLASS PASSIVE

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 %CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| 0000.EMERGENCY | FORWARD-ESCAPE-HATCH | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 49126000 |
| 0000.EMERGENCY | CENTER-EXIT.TOP | AIR | * | 19.7868 | 100 | .11837 | 65 | 1198 | 49128000 |
| 0000.EMERGENCY | END ESCAPE-HATCH.CARGO-COMPARTMENT | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 49130000 |
| 0000.EMERGENCY | SIDE-EXIT | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 49132000 |
| 0000.EMERGENCY | ESCAPE-HATCH.CARGO-COMPARTMENT | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 49134000 |
| 0000.EMERGENCY | CENTER EXIT.TOP | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 49136000 |
| 0000.EMERGENCY | FORWARD-EXIT.TOP | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 49138000 |
| 0000.EMERGENCY | FORWARD-EXIT.TOP | AIR | * | 19.7868 | 100 | .11837 | 65 | 1198 | 49140000 |
| 0000.EMERGENCY | AFT-ESCAPE-HATCH-CARGO-COMPARTMENT | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 49142000 |
| 0000.EMERGENCY | AFT-EXIT.TOP | AIR | * | 19.7868 | 100 | .11837 | 65 | 1198 | 49144000 |
| 0000.EMERGENCY | AFT-ESCAPE-HATCH.CARGO-COMPARTMENT | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 49146000 |
| 0000.EMERGENCY | SIDE-EXIT | AIR | * | 19.7868 | 100 | .11837 | 65 | 1198 | 49148000 |
| 0000.EMERGENCY | FORWARD-ESCAPE-HATCH. CARGO-COMPARTMENT | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 49150000 |
| 0000.EMERGENCY | SIDE EXIT | AIR | * | 27.1597 | 50 | .08478 | 63 | 1198 | 49152000 |
| 0000.EMERGENCY | CENTER-EXIT.TOP | AIR | * | 27.1597 | 50 | .08478 | 63 | 1198 | 49154000 |
| 0000.HYDRAULIC | AFT-CARGO | AIR | * | 27.1597 | 50 | .08478 | 63 | 1198 | 49156000 |
| 0000.HYDRAULIC | FORWARD-CARGO | AIR | * | 116 | 100 | .01985 | 65 | 1198 | 49158000 |
| 0000.HYDRAULIC | FORWARD-CARGO | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 49160000 |
| 0000.HYDRAULIC | FORWARD-CARGO | AIR | * | 27.1597 | 50 | .08478 | 63 | 1198 | 49162000 |
| 0000.HYDRAULIC | AFT-CARGO | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 49164000 |
| 0000.HYDRAULIC | RAMP.CARGO | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 49166000 |
| 0000.HYDRAULIC | AFT CARGO | AIR | * | 19.7868 | 100 | .11837 | 65 | 1198 | 49168000 |
| 0000.HYDRAULIC | RAMP | AIR | 11.7952 | 45.8799 | 50 | .08478 | 63 | 1198 | 49170000 |
| 0000.HYDRAULIC | PETAL | AIR | 12.1565 | 43.2854 | 152 | .08226 | 66 | 1250 | 49172000 |
| 0000.HYDRAULIC | RAMP | AIR | 13.3333 | 51.8626 | 50 | .075 | 63 | 1114 | 49174000 |
| 0000.HYDRAULIC | RAMP | AIR | 15.7579 | 41.9342 | 50 | .12692 | 65 | 1198 | 49176000 |
| 0000.HYDRAULIC | PETAL | AIR | 20.2265 | 78.6751 | 96 | .04944 | 65 | 1227 | 49178000 |
| 0000.HYDRAULIC | RAMP | AIR | 23.7272 | 80.4806 | 102 | .088 | 53 | 1114 | 49180000 |
| 0000.HYDRAULIC | RAMP | AIR | 54.3731 | 88.6908 | 100 | .11837 | 65 | 1198 | 49182000 |
| 0000.HYDRAULIC | RAMP.CARGO | AIR | 72.9394 | 162.431 | 76 | .04113 | 66 | 1250 | 49184000 |
| 0000.HYDRAULIC.PRESSURE | | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 49186000 |
| 0000.HYDRAULIC.PRESSURE | | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 49188000 |
| 0000.MECHANICAL | PERSONNEL.CARGO-COMPARTMENT | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 49190000 |
| 0000.MECHANICAL | CREW | AIR | * | 19.7868 | 100 | .11837 | 65 | 1198 | 49192000 |
| 0000.MECHANICAL | CREW | AIR | * | 27.1597 | 50 | .08478 | 63 | 1198 | 49194000 |
| 0000.MECHANICAL | FORWARD-ENTRANCE | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 49196000 |
| 0000.MECHANICAL | FORWARD-ENTRANCE | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 49198000 |
| 0000.MECHANICAL | PERSONNEL.CARGO-COMPARTMENT | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 49200000 |
| 0000.MECHANICAL | CREW | AIR | 7.8796 | 30.6492 | 50 | .12691 | 65 | 1198 | 49202000 |
| 0000.MECHANICAL | CREW | AIR | 11.3646 | 44.2011 | 102 | .058 | 64 | 1114 | 49204000 |
| 0000.MECHANICAL.F 1398 | | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 49206000 |
| 0000.MECHANICAL.F 1398 | | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 49208000 |
| 0000.GEES | LANDING-GEAR | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 49210000 |
| 0000.GEES | LANDING-GEAR | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 49212000 |

PART CLASS ??? SKIN

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | FR REF | DATA SRCE | GROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .DOOR N.O.S. | | | | | | | | | |
| DOOR | AIR-INTAKE | AIR | 21.878 | 40.5823 | 946 | .22854 | 65 | 1228 | 49214000 |
| DOOR | AIR-INTAKE | AIR | 68.4462 | 101.423 | 812 | .17552 | 64 | 1179 | 49218000 |
| ELEVATOR | FLIGHT-CONTROL | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 49218000 |
| ELEVATOR | FLIGHT-CONTROL | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 49220000 |
| ELEVATOR-ASSEMBLY | | AIR | * | 69.7868 | 100 | .11637 | 65 | 1198 | 49222000 |
| ELEVATOR-ASSEMBLY | | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 49224000 |
| ELEVATOR-ASSEMBLY | | AIR | 11.7952 | 45.8799 | 50 | .08478 | 63 | 1198 | 49226000 |
| ELEVATOR/TAB | EMPENNAGE | AIR | 837.52 | 1290.33 | 31 | .01194 | 63 | 1111 | 49228000 |
| ENGINE-NACELLE | TURBOPROP-POWER-PLANT | AIR | * | 69.7868 | 100 | .11637 | 65 | 1198 | 49230000 |
| ENGINE-NACELLE | TURBOPROP-POWER-PLANT | AIR | * | 4.53598 | 200 | .50763 | 65 | 1198 | 49232000 |
| ENGINE NACELLE | TURBOPROP-POWER-PLANT | AIR | 2.9486 | 11.4699 | 200 | .33912 | 63 | 1198 | 49234000 |
| ENGINE NACELLE | TURBOPROP-POWER-PLANT | AIR | 3.34448 | 13.009 | 200 | .299 | 63 | 1114 | 49236000 |
| FIN | EMPENNAGE | AIR | 251.256 | 555.53 | 31 | .03194 | 63 | 1111 | 49238000 |
| FIN.DORSAL | | AIR | * | 27.1597 | 50 | .08478 | 63 | 1198 | 49240000 |
| FIN.DORSAL | | AIR | * | 69.7868 | 100 | .11637 | 65 | 1198 | 49242000 |
| FIN.DORSAL | | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 49244000 |
| FIN.DORSAL | EMPENNAGE | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 49246000 |
| FIN.DORSAL | EMPENNAGE | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 49248000 |
| FUSELAGE | PLATYPUS | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 49250000 |
| FUSELAGE | PLATYPUS | AIR | * | 27.1597 | 50 | .08478 | 63 | 1198 | 49252000 |
| FUSELAGE | WHEEL WELL-FAIRING | AIR | * | 69.7868 | 50 | .11637 | 65 | 1198 | 49254000 |
| FUSELAGE | "PLATYPUS" | AIR | * | 69.7868 | 100 | .11637 | 65 | 1198 | 49256000 |
| FUSELAGE | WHEEL-WELL-FAIRING | AIR | 8.59328 | 33.4252 | 100 | .11637 | 65 | 1198 | 49258000 |
| FUSELAGE | WHEEL-WELL-FAIRING | AIR | 11.7952 | 31.3888 | 100 | .16956 | 63 | 1198 | 49260000 |
| FUSELAGE | WHEEL-WELL-FAIRING | AIR | 13.4228 | 35.7201 | 100 | .149 | 63 | 1114 | 49262000 |
| FUSELAGE.AFT | | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 49264000 |
| FUSELAGE.AFT | | AIR | 48.6263 | 129.401 | 76 | .04113 | 66 | 1250 | 49266000 |
| FUSELAGE.AFT.ABOVE WL 200 | | AIR | * | 27.1597 | 50 | .08478 | 63 | 1198 | 49268000 |
| FUSELAGE.AFT.ABOVE WL 200 | | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 49270000 |
| FUSELAGE.AFT.ABOVE WL 200 | | AIR | * | 69.7868 | 100 | .11637 | 65 | 1198 | 49272000 |
| FUSELAGE.AFT.BELOW WL 200 | | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 49274000 |
| FUSELAGE.AFT.BELOW WL 200 | | AIR | 11.7952 | 45.8799 | 50 | .08478 | 63 | 1198 | 49276000 |
| FUSELAGE.AFT.BELOW WL 200 | | AIR | 13.3333 | 51.8626 | 50 | .075 | 63 | 1114 | 49278000 |
| FUSELAGE.AFT-CENTER SECTION | | AIR | 26.2536 | 58.465 | 473 | .11627 | 65 | 1228 | 49280000 |
| FUSELAGE.AFT-CENTER SECTION | | AIR | 68.4462 | 120.147 | 405 | .08766 | 64 | 1179 | 49282000 |
| FUSELAGE.AFT-CENTER SECTION | | AIR | 173.782 | 199.693 | 597 | .51789 | 67 | 1272 | 49284000 |
| FUSELAGE.CENTER | | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 49286000 |
| FUSELAGE.CENTER | | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 49288000 |
| FUSELAGE.CENTER.ABOVE WL 200 | | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 49290000 |
| FUSELAGE.CENTER.ABOVE WL 200 | | AIR | * | 69.7868 | 100 | .11637 | 65 | 1198 | 49292000 |
| FUSELAGE.CENTER.ABOVE WL 200 | | AIR | 11.7952 | 45.8799 | 50 | .08478 | 63 | 1198 | 49294000 |
| FUSELAGE.CENTER.ABOVE WL 200 | | AIR | 13.3333 | 51.8626 | 50 | .075 | 63 | 1114 | 49296000 |
| FUSELAGE.CENTER.BELOW WL 200 | | AIR | * | 27.1597 | 50 | .08478 | 63 | 1198 | 49298000 |
| FUSELAGE.CENTER.BELOW WL 200 | | AIR | 7.8796 | 30.6492 | 50 | .12691 | 65 | 1198 | 49300000 |
| FUSELAGE.CENTER.BELOW WL 200 | | AIM | 11.3636 | 44.2011 | 102 | .088 | 63 | 1114 | 49302000 |

PART CLASS 765 SKIN

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CRDSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.L. | | | | | | | | | |
| FUSELAGE.CENTER.BELOW-WL200 | | AIR | 17.1865 | 45.736 | 100 | .11637 | 65 | 1198 | 49304000 |
| FUSELAGE.CENTER-SECTION | | AIR | 68.4462 | 120.147 | 406 | .08766 | 64 | 1179 | 49306000 |
| FUSELAGE.CENTER-SECTION | | AIR | 330.185 | 364.955 | 597 | .51789 | 67 | 1272 | 49308000 |
| FUSELAGE.FORWARD | | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 49310000 |
| FUSELAGE.FORWARD | | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 49312000 |
| FUSELAGE.FORWARD.BELOW-WL200 | | AIR | 26.6666 | 70.984 | 50 | .0975 | 65 | 1114 | 49314000 |
| FUSELAGE.FORWARD.BELOW-WL200 | | AIR | 22.7272 | 60.4806 | 102 | .086 | 63 | 1114 | 49316000 |
| FUSELAGE.FORWARD.BELOW-WL200 | | AIR | 23.5904 | 62.7777 | 50 | .08478 | 63 | 1193 | 49315000 |
| FUSELAGE.FORWARD.BELOW-WL200 | | AIR | 23.6387 | 57.632 | 50 | .12691 | 65 | 1195 | 49320000 |
| FUSELAGE.FORWARD.BELOW-WL200 | | AIR | 34.3731 | 68.4908 | 100 | .11647 | 65 | 1198 | 49322000 |
| FUSELAGE.FORWARD.NOSE | | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 49324000 |
| FUSELAGE.FORWARD.NOSE | | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 49326000 |
| FUSELAGE.NOSE-SECTION | | AIR | 43.756 | 81.1647 | 473 | .11427 | 65 | 1228 | 49328000 |
| FUSELAGE.NOSE-SECTION | | AIR | 102.669 | 162.057 | 406 | .08766 | 64 | 1179 | 49330000 |
| FUSELAGE.NOSE-SECTION | | AIR | 218.193 | 246.924 | 597 | .51789 | 67 | 1272 | 49332000 |
| FUSELAGE.REMOVABLE.AFT | | AIR | 43.756 | 81.1647 | 473 | .11427 | 65 | 1228 | 49334000 |
| FUSELAGE.REMOVABLE.AFT | | AIR | 260.294 | 273.493 | 597 | .51789 | 67 | 1272 | 49336000 |
| FUSELAGE-CENTER-SECTION | | AIR | 78.7608 | 124.319 | 473 | .11427 | 65 | 1228 | 49338000 |
| INNER.DOOR.EMERGENCY | SIDE-EXIT | AIR | * | 23.2868 | 192 | .09888 | 65 | 1227 | 49340000 |
| INNER.DOOR.EMERGENCY.SIDE-EXIT | | AIR | * | 13.9975 | 304 | .1645 | 66 | 1250 | 49342000 |
| MILLED.WING.INBOARD | | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 49344000 |
| MILLED.WING.INBOARD | | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 49346000 |
| MILLED.WING.OUTBOARD | | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 49348000 |
| MILLED.WING.OUTBOARD | | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 49350000 |
| NACELLE | | AIR | * | 4.53598 | 200 | .50763 | 65 | 1198 | 49352000 |
| NACELLE | | AIR | * | 6.78992 | 200 | .33912 | 63 | 1198 | 49354000 |
| NACELLE | | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 49356000 |
| OUTER.DOOR.EMERGENCY | SIDE-EXIT | AIR | * | 23.2868 | 192 | .09888 | 65 | 1227 | 49358000 |
| OUTER.DOOR.EMERGENCY.SIDE-EXIT | | AIR | * | 13.9975 | 304 | .1645 | 66 | 1250 | 49360000 |
| PYLON | | AIR | * | 23.2868 | 192 | .09888 | 65 | 1227 | 49362000 |
| PYLON | | AIR | * | 13.9975 | 304 | .1645 | 66 | 1250 | 49364000 |
| RUDDER | FLIGHT-CONTROL | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 49366000 |
| RUDDER | FLIGHT-CONTROL-SYSTEM | AIR | 35.0048 | 69.9531 | 473 | .11427 | 65 | 1228 | 49368000 |
| RUDDER | FLIGHT-CONTROL-SYSTEM | AIR | 205.339 | 282.412 | 406 | .08766 | 64 | 1179 | 49370000 |
| RUDDER.FLIGHT-CONTROL | | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 49372000 |
| RUDDER.FLIGHT-CONTROL-SYSTEM | | AIR | 382.42 | 419.546 | 597 | .51789 | 67 | 1272 | 49374000 |
| RUDDER-ASSEMBLY | | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 49376000 |

SECTION I FAILURE RATE DATA

PART CLASS 76% SKIN

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF APT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| RUDDER-ASSEMBLY | | AIR | * | 27.1597 | 50 | .04478 | 83 | 1198 | 49278000 |
| RUDDER-ASSEMBLY | | AIR | * | 19.7868 | 100 | .11637 | 85 | 1198 | 49380000 |
| SHEET.WING CENTER | | AIR | * | 18.1435 | 50 | .12691 | 85 | 1198 | 49382000 |
| SHEET.WING.CENTER | | AIR | 11.7952 | 45.8799 | 50 | .08478 | 83 | 1198 | 49384000 |
| SHEET.WING.CENTER | | AIR | 13.3333 | 51.8626 | 50 | .075 | 83 | 1114 | 49386000 |
| SHEET.WING.INBOARD | | AIR | 24.3131 | 94.5706 | 76 | .04113 | 86 | 1250 | 49388000 |
| SHEET.WING.INBOARD | | AIR | 40.453 | 157.35 | 48 | .02472 | 85 | 1227 | 49390000 |
| SHEET.WING.OUTBOARD | | AIR | * | 95.9834 | 76 | .04113 | 86 | 1250 | 49392000 |
| SHEET.WING.OUTBOARD | | AIR | * | 93.1472 | 48 | .02472 | 85 | 1227 | 49394000 |
| SHEET.WING.OUTER | | AIR | * | 19.7868 | 100 | .11637 | 85 | 1198 | 49396000 |
| SHEET.WING.OUTER | | AIR | 11.7952 | 45.8799 | 50 | .08478 | 83 | 1198 | 49398000 |
| SHEET.WING.OUTER | | AIR | 13.3333 | 51.8626 | 50 | .074 | 83 | 1114 | 49400000 |
| SHEET.WING.OUTER | | AIR | 15.7591 | 61.9375 | 50 | .12691 | 85 | 1198 | 49402000 |
| SHEET.WING.OUTER | | AIR | 22.7272 | 80.4806 | 102 | .088 | 83 | 1114 | 49404000 |
| STABILIZER | EMPENNAGE | AIR | 502.512 | 852.085 | 31 | .01194 | 83 | 1111 | 49406000 |
| STABILIZER.HORIZONTAL | EMPENNAGE | AIR | * | 93.1472 | 48 | .02472 | 85 | 1227 | 49408000 |
| STABILIZER.HORIZONTAL | | AIR | * | 18.1435 | 50 | .12691 | 85 | 1198 | 49410000 |
| STABILIZER.HORIZONTAL | | AIR | 11.7952 | 45.8799 | 5 | .08478 | 83 | 1198 | 49412000 |
| STABILIZER.HORIZONTAL | | AIR | 13.3333 | 51.8626 | 50 | .075 | 83 | 1114 | 49414000 |
| STABILIZER.HORIZONTAL | | AIR | 26.2936 | 58.465 | 474 | .11427 | 85 | 1226 | 49416000 |
| STABILIZER.HORIZONTAL | | AIR | 68.4462 | 120.147 | 406 | .08766 | 84 | 1179 | 49418000 |
| STABILIZER.HORIZONTAL | | AIR | 234.483 | 269.41 | 597 | .51789 | 87 | 1272 | 49420000 |
| STABILIZER.HORIZONTAL. EMPENNAGE | | AIR | * | 95.9834 | 76 | .04113 | 86 | 1250 | 49422000 |
| STABILIZER.VERTICAL | | AIR | * | 19.7868 | 100 | .11637 | 85 | 1198 | 49424000 |
| STABILIZER.VERTICAL | | AIR | * | 18.1435 | 50 | .12691 | 85 | 1198 | 49426000 |
| STABILIZER.VERTICAL | EMPENNAGE | AIR | * | 93.1472 | 48 | .02472 | 85 | 1227 | 49428000 |
| STABILIZER.VERTICAL | FUSELAGE | AIR | * | 20.1509 | 473 | .11427 | 85 | 1226 | 49430000 |
| STABILIZER.VERTICAL | | AIR | * | 27.1597 | 50 | .08478 | 83 | 1198 | 49432000 |
| STABILIZER.VERTICAL | FUSELAGE | AIR | 22.8154 | 60.7152 | 406 | .08766 | 84 | 1179 | 49434000 |
| STABILIZER.VERTICAL. EMPENNAGE | | AIR | * | 95.9834 | 76 | .04113 | 86 | 1250 | 49436000 |
| STABILIZER.VERTICAL. FUSELAGE | | AIR | 73.3746 | 91.1134 | 597 | .51789 | 87 | 1272 | 49438000 |
| TAIL-BOOM | | HELI | 202.312 | 240.199 | 40 | .0346 | 86 | 1257 | 49440000 |
| TAIL-BOOM | | HELI | 236.779 | 527.292 | 40 | .01267 | 86 | 1257 | 49442000 |
| TAIL-BOOM | | HELI | 294.117 | 782.691 | 20 | .0068 | 86 | 1257 | 49444000 |
| TAIL-BOOM | | HELI | 1111.11 | 1950.58 | 20 | .0054 | 86 | 1257 | 49446000 |
| TAIL-FIN | | HELI | 791.445 | 977.93 | 40 | .0346 | 86 | 1257 | 49448000 |
| TAIL-FIN | | HELI | 789.265 | 1215.99 | 40 | .01267 | 86 | 1257 | 49450000 |
| TAIL-FIN | | HELI | 2592.59 | 3727.4 | 20 | .0054 | 86 | 1257 | 49452000 |
| TANK.AUXILIARY | FUEL-SYSTEM | AIR | 6.7114 | 26.1053 | 100 | .169 | 83 | 1114 | 49454000 |
| TANK.EXTERNAL | FUEL-SYSTEM | AIR | 5.89761 | 22.9399 | 100 | .18956 | 83 | 1198 | 49456000 |
| WHEEL-WELL-POD | | AIR | * | 27.9917 | 152 | .08226 | 86 | 1250 | 49458000 |
| WHEEL-WELL-POD | | AIR | 40.453 | 107.651 | 96 | .06944 | 85 | 1227 | 49460000 |

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.

SECTION I FAILURE RATE DATA

NONELECTRONIC PART FAILURE RATE DATA JANUARY 1968

PART CLASS 765 GRYN

| PART DESCRIPTION .90 N.O.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF DATA | CHRYS INDEX | CHRYS NO |
|---|---|---|---|---|---|---|---|---|---|
| WING | | | | | | | | | |
| WING | | AIR | 22.8184 | 45.584 | 412 | .17332 | 64 | 1179 | 4946 |
| WING | | AIR | 43.734 | 67.4133 | 944 | .22094 | 65 | 1228 | 4946 |
| WING.CENTERBOX-BEAM | | AIR | 346.986 | 375.252 | 1194 | 1.0357 | 67 | 1272 | 4946 |
| WING.CENTERBOX-BEAM | | AIR | 24.3181 | 94.5708 | 76 | .00419 | 66 | 1230 | 4946 |
| WING-FLAP | FLIGHT-CONTROL | AIR | 48.455 | 157.85 | 46 | .01472 | 62 | 1227 | 4947 |
| WING-FLAP-ASSEMBLY | | AIR | 11.4077 | 80.3576 | 812 | .17332 | 64 | 1179 | 4947 |
| WING-FLAP-ASSEMBLY | | AIR | 7.8746 | 50.4497 | 58 | .12697 | 65 | 1198 | 4947 |
| WING-FLAP-ASSEMBLY | | AIR | 11.3634 | 44.2011 | 102 | .0068 | 63 | 1114 | 4947 |
| WING-FLAP-ASSEMBLY | | AIR | 13.1364 | 26.2525 | 946 | .22894 | 65 | 1226 | 4947 |
| WING-FLAP-ASSEMBLY | | AIR | 59.0313 | 109.5 | 58 | .0947 | 62 | 1198 | 4947 |
| WING-FLAP-ASSEMBLY | | AIR | 66.6666 | 129.462 | 56 | .075 | 63 | 1114 | 4947 |
| WING-FLAP-ASSEMBLY | | AIR | 66.6666 | 259.313 | 68 | .012 | 63 | 1114 | 4947 |
| WING-FLAP-SYSTEM | | AIR | 111.112 | 162.41 | 1194 | .11697 | 67 | 1198 | 4947 |
| WING-FLAP-SYSTEM | | AIR | * | 23.2068 | 192 | .09088 | 65 | 1227 | 4947 |
| WING-FLAP-SYSTEM | | AIR | * | 18.9975 | 964 | .1649 | 66 | 1250 | 4947 |
| | | AIR | 92.6909 | 106.081 | 1194 | 1.0357 | 67 | 1272 | 4947 |

PART CLASS 16C SNUBBERS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| | HYDRAULIC-SYSTEM | AIR | * | 2.95737 | 300 | .28185 | 65 | 1198 | 49494000 |
| | HYDRAULIC-SYSTEM | AIR | * | 3.62877 | 250 | .03454 | 65 | 1198 | 49496000 |
| | BRAKE-SYSTEM | AIR | 3.9398 | 15.3246 | 100 | .25382 | 65 | 1198 | 49498000 |
| | BRAKE-SYSTEM | AIR | 4.29664 | 16.7126 | 200 | .23274 | 65 | 1198 | 49500000 |
| | BRAKE-SYSTEM | AIR | 5.68181 | 22.1005 | 204 | .176 | 63 | 1114 | 49502000 |
| ELEV | FLIGHT-CONTROLS.707.331B | AIR | 140P | | | | 66 | 2361 | 49504000 |
| ELEV | FLIGHT-CONTROLS.707-331 | AIR | 340P | | | | 66 | 2364 | 49506000 |
| ELEV | FLIGHT-CONTROLS.707-331B | AIR | 420P | | | | 65 | 2364 | 49508000 |
| ELEV | FLIGHT-CONTROLS.707-331B | AIR | 580P | | | | 66 | 2364 | 49510000 |
| ELEV | FLIGHT-CONTROLS.707-331 | AIR | 620P | | | | 65 | 2364 | 49512000 |
| ELEV | FLIGHT-CONTROLS.707-331 | AIR | 680P | | | | 65 | 2362 | 49514000 |
| ELEV | FLIGHT-CONTROLS.707-331 | AIR | 980P | | | | 66 | 2362 | 49516000 |
| ELEV | FLIGHT-CONTROLS.727 | AIR | 1000P | | | | 66 | 2360 | 49518000 |
| ENTRY-DOOR | DOORS.707-131 | AIR | 110P | | | | 66 | 2364 | 49520000 |
| ENTRY-DOOR | DOORS.707-131 | AIR | 120P | | | | 66 | 2362 | 49522000 |
| ENTRY-DOOR | DOORS.707-131 | AIR | 150P | | | | 65 | 2362 | 49524000 |
| ENTRY-DOOR | DOORS.707-131 | AIR | 220P | | | | 66 | 2361 | 49526000 |
| ENTRY-DOOR | DOORS.707-331 | AIR | 620P | | | | 66 | 2362 | 49528000 |
| GALLEY-DOOR | DOORS.707-131 | AIR | 110P | | | | 66 | 2364 | 49530000 |
| GALLEY-DOOR | DOORS.707-131 | AIR | 110P | | | | 66 | 2361 | 49532000 |
| GALLEY-DOOR | DOORS.707-131 | AIR | 130P | | | | 65 | 2361 | 49534000 |
| GALLEY-DOOR | DOORS.707-331 | AIR | 150P | | | | 65 | 2364 | 49536000 |
| GALLEY-DOOR | DOORS.707-331 | AIR | 150P | | | | 66 | 2362 | 49538000 |
| GALLEY-DOOR | DOORS.707-331 | AIR | 170P | | | | 65 | 2362 | 49540000 |
| GALLEY-DOOR | DOORS.707-131 | AIR | 300P | | | | 65 | 2362 | 49542000 |
| INBOARD-AILERON | FLIGHT-CONTROLS.707.131B | AIR | 60P | | | | 66 | 2361 | 49544000 |
| INBOARD-AILERON | FLIGHT-CONTROLS.707-131B | AIR | 70P | | | | 65 | 2364 | 49546000 |
| INBOARD-AILERON | FLIGHT-CONTROLS.707-131B | AIR | 70P | | | | 66 | 2364 | 49548000 |
| INBOARD-AILERON | FLIGHT-CONTROLS.707-131B | AIR | 80P | | | | 65 | 2362 | 49550000 |
| INBOARD-AILERON | FLIGHT-CONTROLS.707-331B | AIR | 100P | | | | 66 | 2364 | 49552000 |
| INBOARD-AILERON | FLIGHT-CONTROLS.707-331B | AIR | 120P | | | | 66 | 2362 | 49554000 |
| INBOARD-AILERON | FLIGHT-CONTROLS.707-131 | AIR | 140P | | | | 65 | 2364 | 49556000 |
| INBOARD-AILERON | FLIGHT-CONTROLS.707-331B | AIR | 140P | | | | 66 | 2362 | 49558000 |
| INBOARD-AILERON | FLIGHT-CONTROLS.707-131 | AIR | 150P | | | | 65 | 2362 | 49560000 |
| INBOARD-AILERON | FLIGHT-CONTROLS.707-131B | AIR | 150P | | | | 66 | 2362 | 49562000 |
| INBOARD-AILERON | FLIGHT-CONTROLS.707-331 | AIR | 160P | | | | 66 | 2364 | 49564000 |
| INBOARD-AILERON | FLIGHT-CONTROLS.707-131 | AIR | 230P | | | | 66 | 2362 | 49566000 |
| MAIN-LANDING-GEAR | LANDING-GEAR.707-131 | AIR | 110P | | | | 66 | 2364 | 49568000 |
| MAIN-LANDING-GEAR | LANDING-GEAR.707-331 | AIR | 130P | | | | 65 | 2361 | 49570000 |
| MAIN-LANDING-GEAR | LANDING-GEAR.707-131 | AIR | 130P | | | | 65 | 2361 | 49572000 |
| MAIN-LANDING-GEAR | LANDING-GEAR.707-331 | AIR | 150P | | | | 65 | 2364 | 49574000 |
| MAIN-LANDING-GEAR | LANDING-GEAR.707-131 | AIR | 230P | | | | 66 | 2364 | 49576000 |
| MAIN-LANDING-GEAR | LANDING-GEAR.707-331 | AIR | 260P | | | | 66 | 2361 | 49578000 |
| MAIN-LANDING-GEAR | LANDING-GEAR.707-331 | AIR | 340P | | | | 66 | 2362 | 49580000 |
| MAIN-LANDING-GEAR | LANDING-GEAR.707.131 | AIR | 340P | | | | 66 | 2361 | 49582000 |

SECTION I  FAILURE RATE DATA

PART CLASS  766 SOLENOIDS

| PART DESCRIPTION .00 N.E.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART PROPAGATION | PART HOURS | FR OF DATA KEY | CASES INDEX | SOURCE NO |
|---|---|---|---|---|---|---|---|---|---|
| MAIN-LANDING-GEAR | LANDING-GEAR.707.131 | AIR | 440P | | | | 66 | 2361 | 49934000 |
| NOSE-GEAR-DOOR | LANDING-GEAR.707.1318 | AIR | 120P | | | | 66 | 2361 | 49939000 |
| NOSE-GEAR-DOOR | LANDING-GEAR.707.131 | AIR | 140P | | | | 66 | 2361 | 49939000 |
| NOSE-GEAR-DOOR | LANDING-GEAR.707.1318 | AIR | 140P | | | | 66 | 2361 | 49939000 |
| NOSE-GEAR-DOOR | LANDING-GEAR.707.1318 | AIR | 230P | | | | 66 | 2361 | 49939000 |
| NOSE-GEAR-DOOR | LANDING-GEAR.707-1318 | AIR | 280P | | | | 66 | 2361 | 49939000 |
| NOSE-GEAR-DOOR | LANDING-GEAR.707.1318 | AIR | 340P | | | | 66 | 2361 | 49939000 |
| NOSE-GEAR-DOOR | LANDING-GEAR.707-1318 | AIR | 340P | | | | 66 | 2361 | 49939000 |
| NOSE-GEAR-DOOR | LANDING-GEAR.707-131 | AIR | 440P | | | | 66 | 2362 | 49939000 |
| NOSE-GEAR-DOOR | LANDING-GEAR.707.131 | AIR | 420P | | | | 66 | 2361 | 49939000 |
| NOSE-GEAR-DOOR | LANDING-GEAR.707-331 | AIR | 440P | | | | 66 | 2361 | 49939000 |
| NOSE-GEAR-DOOR | LANDING-GEAR.707-3318 | AIR | 530P | | | | 66 | 2361 | 49939000 |
| NOSE-GEAR-DOOR | LANDING-GEAR.707-131 | AIR | 600P | | | | 66 | 2362 | 49939000 |
| NOSE-GEAR-DOOR | LANDING-GEAR.707.131 | AIR | 670P | | | | 66 | 2362 | 49939000 |
| NOSE-GEAR-DOOR | LANDING-GEAR.707-131 | AIR | 480P | | | | 66 | 2361 | 49939000 |
| NOSE-GEAR-DOOR | LANDING-GEAR.707-331 | AIR | 480P | | | | 66 | 2364 | 49939000 |
| NOSE-GEAR-DOOR | LANDING-GEAR.707-331 | AIR | 680P | | | | 66 | 2362 | 49939000 |
| NOSE-GEAR-DOOR | LANDING-GEAR.707-1318 | AIR | 720P | | | | 66 | 2364 | 49939000 |
| NOSE-GEAR-DOOR | LANDING-GEAR.707.331 | AIR | 770P | | | | 66 | 2361 | 49939000 |
| NOSE-GEAR-DOOR | LANDING-GEAR.707-1318 | AIR | 800P | | | | 66 | 2362 | 49939000 |
| NOSE-GEAR-DOOR | LANDING-GEAR.707-1318 | AIR | 810P | | | | 66 | 2362 | 49939000 |
| NOSE-GEAR-DOOR | LANDING-GEAR.707-1318 | AIR | 920P | | | | 66 | 2364 | 49939000 |
| NOSE-GEAR-DOOR | LANDING-GEAR.707-331 | AIR | 920P | | | | 66 | 2364 | 49939000 |
| NOSE-GEAR-DOOR | LANDING-GEAR.707-331 | AIR | 940P | | | | 66 | 2364 | 49939000 |
| NOSE-GEAR-DOOR | LANDING-GEAR.707-131 | AIR | 990P | | | | 66 | 2362 | 49939000 |
| NOSE-GEAR-DOOR | LANDING-GEAR.707.131 | AIR | 1040P | | | | 66 | 2361 | 49939000 |
| NOSE-GEAR-DOOR | LANDING-GEAR.707.1318 | AIR | 1060P | | | | 66 | 2361 | 49939000 |
| NOSE-GEAR-DOOR | LANDING-GEAR.707-131 | AIR | 1140P | | | | 66 | 2362 | 49939000 |
| NOSE-GEAR-DOOR | LANDING-GEAR.707-331 | AIR | 1240P | | | | 66 | 2362 | 49939000 |
| NOSE-GEAR-DOOR | LANDING-GEAR.707-331 | AIR | 1350P | | | | 66 | 2364 | 49939000 |
| NOSE-GEAR-DOOR | LANDING-GEAR.707.731 | AIR | 1390P | | | | 66 | 2361 | 49939000 |
| NOSE-GEAR-DOOR | LANDING-GEAR.707-131 | AIR | 1640P | | | | 66 | 2364 | 49939000 |
| PRESSURE | HYDRAULIC-SYSTEM-INSTRUMENTATION | AIR | * | 18.6294 | 240 | .1236 | 65 | 1227 | 49659000 |
| PRESSURE | HYDRAULIC-SYSTEM-INSTRUMENT | AIR | * | 11.1966 | 380 | .20545 | 66 | 1258 | 49659000A |
| PRESSURE | HYDRAULIC-SYSTEM | AIR | 30.393 | 117.999 | 128 | .033 | 66 | 1223 | 49934000 |
| SER-ENT-DOOR | DOORS.880 | AIR | 90P | | | | 65 | 2363 | 49936000 |
| SER-ENT-DOOR | DOORS.880 | AIR | 200P | | | | 65 | 2363 | 49939000 |
| SER-ENT-DOOR | DOORS.880 | AIR | 240P | | | | 66 | 2365 | 49939000 |
| SER-ENT-DOOR | DOORS.880 | AIR | 280P | | | | 66 | 2363 | 49939000 |
| SER-ENT-DOOR | DOORS.880 | AIR | 390P | | | | 66 | 2363 | 49939000 |
| SER-ENTRANCE-DOOR | DOORS.880 | AIR | 610P | | | | 66 | 2363 | 49939000 |
| SER-ENTRANCE-DOOR | DOORS.880 | AIR | 200P | | | | 65 | 2360 | 49939000 |
| SER-ENTRANCE-DOOR | DOORS.880 | AIR | 220P | | | | 66 | 2360 | 49939000 |
| | | AIR | 300P | | | | 66 | 2366 | 49939000 |

SECTION I FAILURE RATE DATA

PART CLASS 766 SNUBBERS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF DATA PPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| SURGE.DAMPER | | LAB | 1 | | | | 63 | 1138 | 4967 |
| SURGE.HYDRAULIC | | AIR | 50 | | | | 67 | 1868 | 4967 |

PART CLASS VVI SOLENOIDS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POWER-LAYSON | PART HOURS | YR OF DATA | CODE INDEX REF | NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| | CONTROL.GENERATOR. EMERGENCY-POWER-SYSTEM | AIR | • | 95.1472 | 48 | .02472 | 65 | 1227 | 49679000 |
| | SHUDDER | SIN AIR | • | 1801.72 | 4 | .00209 | 64 | 1191 | 49686000A |
| | | SIN AIR | • | 28.7825 | | .00 | 63 | 1107 | 49686000A |
| | LIMITER.TRAVEL.RUDDER-SYSTEM | AIR | • | 24.2473 | 400 | .00746 | 64 | 1179 | 49684000 |
| | BRAKE | GRD | • | 1130.9 | | .00088 | 66 | 1188 | 49686000 |
| | (STORAGE) | | • | 3.72847 | | .4189 | 64 | 2121 | 49686000A |
| | | GRD | • | 491.198 | 363 | .00294 | 61 | 1069 | 49686000A |
| | (STORAGE) | | • | 3.54437 | | .4685 | 66 | 2121 | 49686000A |
| | | AIR | • | 113.99 | 160 | .0202 | 62 | 1095 | 49694000A |
| | CONTROL.VALVE.SPEED-BRAKE-SYSTEM | AIR | • | 24.2473 | 400 | .00746 | 64 | 1179 | 49694000 |
| | WARNING.POWER-FAILURE | SIN AIR | • | 2192.92 | 2 | .00183 | 66 | 1191 | 49696000A |
| | SHUDDER | SIN AIR | • | 98.6969 | 24 | .02405 | 64 | 1190 | 49700000A |
| | BYPASS.WATER-SEPARATOR.AIR-CONDITION | AIR | • | 193.867 | 31 | .00134 | 63 | 1111 | 49702000 |
| | RELEASE.HANDLE.LANDING-GEAR | AIR | • | 95.1472 | 48 | .02472 | 65 | 1227 | 49704000 |
| | CABLE-SERVO.MAIN-SPOILER-SYSTEM | AIR | • | 46.5136 | 96 | .00944 | 66 | 1227 | 49706000 |
| | RELEASE.AIR-DROP-SYSTEM | AIR | • | 95.1472 | 48 | .02472 | 65 | 1227 | 49708000 |
| | SOLENOID.THROTTLE-BODY.ANN-14 | AIR | • | 2000.874 | | .00148 | 63 | 1188 | 49710000 |
| | | LAU | .00 | | | | 63 | 1188 | 49710000 |
| | GENERAL | AIR | .07 | | | | U | 2001 | 49710000 |
| | | LAB | .30 | | | | 61 | 1071 | 49710000 |
| | FEATHER.HYDRAULIC-PROPELLER | AIR | 2.00000 | 41.0101 | 400 | .223 | 63 | 1114 | 49710000 |
| | CHECKOUT.CONTROL.FUEL-SYSTEM | AIR | 2.00000 | 41.4699 | 200 | .39912 | 63 | 1198 | 49712000 |
| | CHECKOUT.CONTROL.FUEL-SYSTEM | AIR | 1.00000 | 15.000 | 200 | .499 | 63 | 1114 | 49712000 |
| | LOW-SPEED-IDLE.FUEL-SYSTEM | AIR | 4.25000 | 41.434 | 400 | .46540 | 65 | 1198 | 49714000 |
| | | GRD | 5 | | | | 63 | 1198 | 49716000 |
| | | GRC | 5 | | | | 63 | 1198 | 49716000 |
| | | AIR | 5 | | | | 61 | 1005 | 49720000 |
| | GENERAL | AIR | 5.1 | | | | U | 2001 | 49720000 |
| | FEATHER.PROPELLER-ASSEMBLY | AIR | 6.44434 | 14.2824 | 400 | .46540 | 63 | 1198 | 49734000 |
| | TV-FOCAL-PLANE-SHUTTER-OPERATING | SAT | 7.57575C | 29.4674C | | .132C | 62 | 1134 | 49736000 |
| | CONTROL.VALVE.SPEED-BRAKE-SYSTEM | AIR | 8.7812 | 24.0399 | 473 | .11427 | 65 | 1228 | 49736000 |
| | LIMITER.TRAVEL.RUDDER-SYSTEM | AIR | 8.7812 | 24.0399 | 473 | .11427 | 65 | 1228 | 49740000 |
| | RADIO-NAVIGATION | AIR | 9.0 | | | 1.249 | 57 | 2001 | 49742000 |
| | LOW-SPEED-IDLE.FUEL-SYSTEM | AIR | 15.7905 | 23.5987 | 200 | .90763 | 65 | 1198 | 49744000 |
| | FEATHER.HYDRAULIC-PROPELLER | AIR | 16.129 | 62.737 | 272 | .982 | 63 | 1114 | 49744000 |
| | LOW-SPEED-IDLE.FUEL-SYSTEM | AIR | 22.6628 | 36.8121 | 408 | .353 | 63 | 1114 | 49746000 |
| | FEATHER.PROPELLER-ASSEMBLY | AIR | 37.5791 | 39.6309 | 200 | .90763 | 65 | 1198 | 49750000 |
| | GENERAL | AIR | 52 | | | | U | 2001 | 49752000 |
| | | SIN AIR | 89.9615 | 102.351 | 272 | .052 | 63 | 1198 | 49754000 |
| | HANDLE-INTERLOCK.WING-FLAP-SYSTEM | AIR | 90.453 | 157.35 | 48 | .02472 | 65 | 1227 | 49756000 |
| | HANDLE-INTERLOCK.WING-SPOILER-SYSTEM | AIR | 90.453 | 107.601 | 96 | .04944 | 65 | 1227 | 49758000 |
| | LOCKOUT.NEGATIVE-TORQUE-CONTROL. REDUCTION-GEAR | AIR | 66.8896 | 90.4816 | 200 | .299 | 63 | 1114 | 49760000 |
| | LOCKOUT.NEGATIVE-TORQUE-CONTROL. REDUCTION-GEAR | AIR | 76.669 | 99.777 | 200 | .33912 | 63 | 1198 | 49762000 |

TEXT NOT REPRODUCIBLE

PART CLASS 771 SOLENOIDS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | VR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.E.C. | | | | | | | | | |
| | | AIR | 102.04 | 189.279 | | .049 | 61 | 1042 | 49764000 |
| | COMMAND-SUBSYSTEM-RADAR-SET-AN/ARC-57 | AIR | 105.152 | 409.011 | 1 | .00951 | 62 | 2321 | 49766000 |
| | | AIR | 194.444 | 229.76 | | .324 | 61 | 1083 | 49768000 |
| | | AIR | 950.677 | 474.475 | | .057 | 61 | 1084 | 49770000 |
| | | MSL | 500 | 877.675 | | .012 | 61 | 1081 | 49772000 |
| | FEATHER.PROPELLER-ASSEMBLY | AIR | 936.683 | 991.343 | 200 | .33912 | 63 | 1128 | 15774002 |
| | | GRD | 537.153 | 942.891 | 726 | .01117 | 61 | 1049 | 49776000A |
| | FEATHER.HYDRAMATIC-PROPELLER | AIR | 548.261 | 628.622 | 200 | .299 | 63 | 1114 | 49778000 |
| | | GRD | 600 | 1053.21 | | .01 | 62 | 1072 | 49780000 |
| | WEAPON-RELEASE | AIR | 10606 | 57834.6 | 6 | .00044 | 62 | 1157 | 49732600 |
| ACTUATOR | WING-SPOILER-SYSTEM | AIR | 6.07002 | 10.1772 | 608 | .329 | 58 | 1250 | 49784000 |
| ACTUATOR | WING-SPOILER-SYSTEM | AIR | 80.9941 | 161.681 | 96 | .04944 | 62 | 1227 | 49786000 |
| ACTUATOR.VALVE | PITCH-TRIM-ACTUATOR | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 49788000 |
| ACTUATOR.VALVE | PITCH-TRIM-ACTUATOR | AIR | 24.3131 | 94.5708 | 76 | .04113 | 66 | 1250 | 49790000 |
| APU-AIR | AIRBORNE-AUXILIARY-POWER.727 | AIR | 270P | | | | 65 | 2360 | 49792000 |
| APU-FUEL | AIRBORNE-AUXILIARY-POWER.727 | AIR | 210P | | | | 66 | 2365 | 49794000 |
| AUXILIARY-POWER-UNIT-FUEL | AIRBORNE-AUXILIARY-POWER.727 | AIR | 220P | | | | 66 | 2365 | 49796000 |
| CABLE-SERVO | WING-SPOILER-SYSTEM | AIR | * | 55.9834 | 152 | .06113 | 66 | 1250 | 49798000 |
| CENTERING | | AIR | 7575.75 | 14052.5 | 6 | .00066 | 62 | 1157 | 49800000 |
| CONTROL.GENERATOR | EMERGENCY-POWER-SYSTEM | AIR | 24.3131 | 94.5708 | 76 | .04113 | 66 | 1250 | 49502000A |
| D.C | HYDRAULIC-VALVE | LIFE LAB | * | 1.46594C | 3 | 1.55C | 66 | 2361 | 49804000A |
| DC.28V | VALVE.HYDRAULIC | LAB | * | 1.48534C | 3 | 1.55C | 66 | 1264 | 49806000A |
| ELECTRIC | (STORAGE) | | * | 3.11246 | | .7348 | 66 | 2522 | 49808000A |
| HANDLE-INTERLOCK | WING-SPOILER-SYSTEM | AIR | * | 27.9917 | 152 | .06226 | 66 | 1250 | 49810000 |
| HANDLE-INTERLOCK | WING-FLAP-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 49812000 |
| LIMITER.TRAVEL | RUDDER-SYSTEM | AIR | 3.86187 | 10.2768 | 557 | .31789 | 67 | 1272 | 49814000A |
| RELEASE | AIR-DROP-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 49816000 |
| RELEASE.HANDLE | LANDING-GEAR | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 49818000 |
| RELEASE.IDLE/STOP | ENGINE-THROTTLE-SYSTEM | HELI | 86.7052 | 195.C86 | 40 | .0744 | 66 | 1257 | 49820000 |
| RELEASE.IDLE/STOP | ENGINE-THROTTLE-SYSTEM | HELI | 157.853 | 423.071 | 40 | .01267 | 66 | 1257 | 49822000 |
| ROTATIONAL | | GRD | * | 569.95 | | .00404 | 64 | 1188 | 49824000 |
| SHUTOFF.VALVE | PITCH-TRIM-ACTUATOR | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 49826000 |
| SHUTOFF.VALVE | PITCH-TRIM-ACTUATOR | AIR | 24.3131 | 94.5708 | 76 | .04113 | 66 | 1250 | 49828000 |
| VALVE-C02-ENGINE-SEL | FIRE-PROTECTION.707-131 | AIR | 60P | | | | 66 | 2362 | 49830000 |
| 28V-DC | ARMING.MB-1 | AIR | 72.7272 | 145.337 | 320 | .055 | 61 | 1060 | 49832000A |
| 28V-DC | ENGINE-FUEL-SUPPLY-TRAINER | AIR | 85.7142 | 190.88 | 320 | .035 | 61 | 1060 | 49834000 |
| 28V-DC.13-AMP | TAIL-HOOK-LATCH | AIR | 85.7142 | 190.88 | 320 | .035 | 61 | 1060 | 49836000 |
| .30 DC, LINEAR | | | | | | | | | |
| 115-VOLT | (AC=.18) | GRD | * | 1324.9 | 2 | .60151 | 64 | 1177 | 49835000A |
| 115-VOLT | | AIR | 1.97528 | 7.68715 | 2447 | .206 | 66 | 1255 | 49840000A |
| 20-30VOLT | PROP-CONTROL.(ACTUATIONS) | AIR | 6.89655 | 26.8259 | 1800 | .145 | 66 | 1258 | 49842000A |
| 95V.AC(.ACTUATOR-PIN | (STORAGE) | MSL | * | .028222 | 7593 | 8(.99 | 67 | 1271 | 49844000A |

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
SECTION I FAILURE RATE DATA

NONELECTRONIC PART FAILURE RATE DATA JANUARY 1, 68

PART CLASS TV2 SPARS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 95 CONF LIMIT | PART POPULATION | PART HOURS | YR OF DATA | DATA SOURCE | CAT'L INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 M.O.C. | | | | | | | | | |
| WING | | | | | | | | | |
| WING | | AIR | 5.70305 | 22.1862 | 412 | .17532 | 64 | [illegible] | [illegible] |
| WING | | AIR | 70.0096 | 98.2392 | 946 | .22854 | 65 | 1220 | [illegible] |
| | | AIR | 112.967 | 127.963 | 1164 | 1.0997 | 67 | 1222 | [illegible] |

SECTION I FAILURE RATE DATA

PART CLASS 223 SPINNERS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .60 N.O.S. | | | | | | | | | |
| | CENTER-SECTION.PROPELLOR-ASSEMBLY | AIR | 2.14832 | 8.35632 | 400 | .44548 | 65 | 1198 | 49852000 |
| | CENTER-SECTION.PROPELLOR-ASSEMBLY | AIR | 5.90981 | 13.1607 | 200 | .50763 | 65 | 1198 | 49854000 |
| | CENTER-SECTION.HYDROMATIC-PROPELLOR | AIR | 8.49858 | 18.9257 | 408 | .353 | 63 | 1114 | 49856000 |
| | NOSE-SECTION.HYDROMATIC-PROPELLOR | AIR | 16.129 | 62.737 | 272 | .062 | 63 | 1114 | 49858000 |
| | REAR-SECTION.PROPELLOR-ASSEMBLY | AIR | 29.549 | 41.9447 | 200 | .50763 | 65 | 1198 | 49860000 |
| | REAR-SECTION.HYDROMATIC-PROPELLOR | AIR | 32.258 | 85.8435 | 272 | .062 | 63 | 1114 | 49862000 |
| | REAR-SECTION.HYDROMATIC-PROPELLOR | AIR | 33.9947 | 50.3726 | 408 | .353 | 63 | 1114 | 49864000 |
| | NOSE-SECTION.PROPELLER-ASSEMBLY | AIR | 64.4496 | 82.313 | 400 | .46548 | 65 | 1198 | 49866000 |
| | REAR-SECTION.PROPELLOR-ASSEMBLY | AIR | 84.526 | 115.542 | 400 | .46548 | 65 | 1198 | 49868000 |
| | CENTER-SECTION.PROPELLOR-ASSEMBLY | AIR | 100.259 | 126.401 | 200 | .33912 | 63 | 1198 | 49870000 |
| | CENTER-SECTION.HYDROMATIC-PROPELLOR | AIR | 107.023 | 135.594 | 200 | .299 | 63 | 1114 | 49872000 |
| | REAR-SECTION.PROPELLOR-ASSEMBLY | AIR | 115.003 | 142.395 | 200 | .33912 | 63 | 1198 | 49874000 |
| | REAR-SECTION.HYDROMATIC-PROPELLOR | AIR | 120.401 | 150.428 | 200 | .299 | 63 | 1114 | 49876000 |
| | NOSE-SECTION.HYDROMATIC-PROPELLOR | AIR | 214.113 | 274.214 | 200 | .299 | 63 | 1114 | 49878000 |
| | NOSE-SECTION.PROPELLER-ASSEMBLY | AIR | 238.853 | 276.592 | 200 | .33912 | 63 | 1198 | 49880000 |
| | NOSE-SECTION.HYDROMATIC-PROPELLOR | AIR | 266.288 | 305.038 | 408 | .353 | 63 | 1114 | 49882000 |
| | NOSE-SECTION.PROPELLER-ASSEMBLY | AIR | 269.881 | 301.898 | 200 | .50763 | 65 | 1198 | 49884000 |
| PROPELLOR | | AIR | 113.507 | 302.06 | 64 | .01742 | 65 | 1201 | 49886000 |

PART CLASS 774 SPOILERS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRC | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| | | AIR | * | 11.4694 | | .20974 | 63 | 1123 | 49848000 |
| | PANEL.FLIGHT-CONTROL-SYSTEM | AIR | 32.4419 | 46.599 | 252 | .43194 | 64 | 1155 | 49890000 |
| | WING | AIR | 634.274 | 720.781 | 434 | .16718 | 63 | 1311 | 49892000 |
| VALVE-JOINT | FLIGHT-CONTROLS.707.131 | AIR | 30P | | | | 66 | 2362 | 49894000 |
| VALVE-JOINT | FLIGHT-CONTROLS.707.1318 | AIR | 10P | | | | 66 | 2364 | 49896000 |
| VALVE-JOINT | FLIGHT-CONTROLS.707-131 | AIR | 10P | | | | 66 | 2364 | 49898000 |
| VALVE-JOINT | FLIGHT-CONTROLS.707.131 | AIR | 10P | | | | 66 | 2364 | 49900000 |
| VALVE-JOINT | FLIGHT-CONTROLS.707.3318 | AIR | 20P | | | | 66 | 2362 | 49902000 |
| VALVE-JOINT | FLIGHT-CONTROLS.707-3316 | AIR | 20P | | | | 66 | 2362 | 49904000 |
| VALVE-JOINT | FLIGHT-CONTROLS.707.1318 | AIR | 40P | | | | 66 | 2364 | 49906000 |
| VALVE-JOINT | FLIGHT-CONTROLS.707.3318 | AIR | 40P | | | | 66 | 2364 | 49908000 |

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y. NONELECTRONIC PART FAILURE RATE DATA JANUARY 1984

SECTION I FAILURE RATE DATA

PART CLASS 775 SPRAYBARS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF | NO |
|---|---|---|---|---|---|---|---|---|---|---|
| .00 N.C.C. | | | | | | | | | | |
| | MAIN.AFTERBURNER.FUEL.TURBOJET.J-85 | AIR | .729262 | 1.94067 | 11352 | 2.7425 | 65 | 1228 | 49910000 | |
| | AFTERBURNER.FUEL.TURBOJET.J-85 | AIR | 56.45 | 74.743 | 3248 | .40744 | 64 | 1179 | 49912000 | |
| PILOT | | | | | | | | | | |
| PILOT | AFTERBURNER.FUEL.TURBOJET.J-85 | AIR | 61.259 | 73.1439 | 3784 | .91415 | 65 | 1228 | 49914000 | |

PART CLASS 776 SPROCKETS

| PART DESCRIPTION .00 N.E.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | TR 87 RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| | AILERON-CONTROL-SYSTEM | AIR | * | 9.89344 | 200 | .23274 | 65 | 1198 | 499160000 |
| | STEERING.LANDING-GEAR | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 499180000 |
| | STEERING.LANDING-GEAR | AIR | * | 9.07178 | 100 | .25382 | 65 | 1198 | 499200000 |
| | STEERING.LANDING-GEAR | AIR | * | 55.9834 | 74 | .04113 | 66 | 1258 | 499220000A |
| | STEERING.LANDING-GEAR | AIR | 0 | 19.7866 | 100 | .11637 | 65 | 1198 | 499240000 |
| | STEERING.LANDING-GEAR | AIR | 11.7952 | 45.8795 | 50 | .08478 | 63 | 1198 | 499260000 |
| | | AIR | 13.3333 | 91.8626 | 50 | .075 | 63 | 1214 | 499280000 |

PART CLASS 777 STABILIZERS

| PART DESCRIPTION .00 C N.E.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| | FLIGHT-CONTROL-SYSTEM | AIR | 9.26054 | 24.6437 | 126 | .21597 | 64 | 1155 | 49930000 |
| | BAR.MAIN-ROTOR | HELI | 92.1458 | 358.497 | 40 | .00080 | 66 | 1257 | 49734000 |
| | BAR.MAIN-ROTOR | HELI | 473.559 | 831.262 | 40 | .01267 | 66 | 1257 | 49934000 |
| | BAR.MAIN-ROTOR | HELI | 1676.3 | 1995.17 | 40 | .0346 | 66 | 1257 | 49936000 |
| | BAR.MAIN-ROTOR | HELI | 17794.1 | 20051.7 | 20 | .0968 | 66 | 1257 | 49938000 |
| HORIZONTAL | ENPENNAGE | AIR | * | 27.1597 | 50 | .08478 | 63 | 1198 | 49940000 |
| HORIZONTAL | ENPENNAGE | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 49942000 |
| HORIZONTAL | ENPENNAGE | AIR | * | 95.1472 | 48 | .02472 | 65 | 1227 | 49944000 |
| HORIZONTAL | ENPENNAGE | AIR | * | 19.7868 | 100 | .11637 | 63 | 1198 | 49946000 |
| HORIZONTAL | ENPENNAGE | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 49948000 |
| HORIZONTAL | FLIGHT-CONTROL | AIR | 273.785 | 360.29c | 406 | .08766 | 64 | 1179 | 49950000 |
| HORIZONTAL | FLIGHT-CONTROL | AIR | 393.804 | 480.248 | 473 | .11427 | 65 | 1228 | 49952000 |
| HORIZONTAL | FLIGHT-CONTROL | AIR | 740.575 | 760.435 | 597 | .51789 | 67 | 1272 | 49954000 |
| LEADING-EDGE-HORIZONTAL | FLIGHT-CONTROLS.707-131 | AIR | 140P | | | | 63 | 2364 | 49956000 |
| LEADING-EDGE-HORIZONTAL | FLIGHT-CONTROLS.707-131 | AIR | 230P | | | | 66 | 2361 | 49958000 |
| LEADING-EDGE-HORIZONTAL | FLIGHT-CONTROLS.707-131 | AIR | 270P | | | | 65 | 2364 | 49960000 |
| TAIL-PYLON | | HELI | 133.333 | 266.481 | 120 | .03 | 65 | 1215 | 49962000 |
| VERTICAL | ENPENNAGE | AIR | * | 27.1597 | 50 | .08478 | 63 | 1198 | 49964000 |
| VERTICAL | ENPENNAGE | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 49966000 |
| VERTICAL | ENPENNAGE | AIR | * | 19.7868 | 100 | .11637 | 63 | 1198 | 49968000 |
| VERTICAL | ENPENNAGE | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 49970000 |
| VERTICAL | ENPENNAGE | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 49972000 |
| VERTICAL | FUSELAGE-SECTION | AIR | * | 26.2673 | 406 | .08766 | 64 | 1179 | 49974000 |
| VERTICAL | FUSELAGE-SECTION | AIR | 17.5024 | 46.5765 | 473 | .11427 | 65 | 1228 | 49976000 |
| VERTICAL | FUSELAGE-SECTION | AIR | 50.203T | 65.3351 | 597 | .51789 | 67 | 1272 | 49978000 |

PART CLASS TYPE STARTERS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF DATA | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .30 N.O.C. | | | | | | | | | |
| | TURBINE-PUMP-ASSEMBLY | SHIP MSL | • | 11513C | | .00926 | 62 | 1069 | 49480000 |
| | MOTOR | GRD | • | .457046 | 600 | 5.038 | 65 | 1216 | 49582000A |
| | MOTOR | LAB | .258314 | .687414 | | 7.7425 | 64 | 2204 | 49984000 |
| | MOTOR | LAB | 3.64923 | 14.1944 | | .27403 | 63 | 2204 | 49986000 |
| | STARTING.707-1318 | LAB | 10 | | | | 63 | 1138 | 49988000 |
| | STARTING-707-1318 | AIR | 80P | | | | 65 | 2362 | 49990000 |
| | STARTING.880 | AIR | 140P | | | | 65 | 2364 | 49992000 |
| | GAS-TURBINE-COMPRESSOR. AUXILIARY-POWER-PLANT | AIR | 181.23 | 239.939 | 50 | .12691 | 65 | 2365 | 49994000 |
| | STARTING-707-1318 | AIR | 200P | | | | 65 | 1198 | 49996000 |
| | GAS.TURBINE-COMPRESSOR. AUXILIARY-POWER-PLANT | AIR | 204.545 | 281.321 | 102 | .088 | 66 | 2364 | 49998000 |
| | STARTING.880 | AIR | 260P | | | | 63 | 1114 | 50000000 |
| | STARTING.830 | AIR | 260P | | | | 66 | 2365 | 50002000 |
| | STARTING.707-1318 | AIR | 260P | | | | 66 | 2360 | 50004000 |
| | STARTING.880 | AIR | 290P | | | | 66 | 2362 | 50006000 |
| | STARTING.707-1318 | AIR | 300P | | | | 66 | 2360 | 50008000 |
| | GAS-TURBINE-COMPRESSOR. AUXILIARY-POWER-PLANT | AIR | 317.951 | 396.004 | 100 | .11837 | 66 | 2362 | 50010000 |
| | STARTING.880 | AIR | 320P | | | | 65 | 1198 | 50012000 |
| | STARTING.830 | AIR | 320P | | | | 65 | 2360 | 50014000 |
| | STARTING.707-1318 | AIR | 330P | | | | 66 | 2365 | 50016000 |
| | STARTING.880 | AIR | 340P | | | | 65 | 2361 | 50018000 |
| | STARTING.880 | AIR | 380P | | | | 66 | 2363 | 50020000 |
| | STARTING.707-1318 | AIR | 400P | | | | 66 | 2363 | 50022000 |
| | STARTING-707-1318 | AIR | 400P | | | | 66 | 2361 | 50024000 |
| | ENGINE.POWER-PLANT | AIR | 400P | | | | 65 | 2330 | 50026000 |
| | STARTING.880 | AIR | 425.985 | 488.739 | 126 | .21597 | 66 | 2364 | 50028000 |
| | REDUCTION-GEAR-SYSTEM | AIR | 450P | | | | 65 | 1155 | 50030000 |
| | STARTING.707-1318 | AIR | 464.037 | 507.174 | 400 | .46548 | 63 | 2363 | 50032000 |
| | REDUCTION-GEAR-SYSTEM | AIR | 510P | | | | 65 | 1198 | 50034000 |
| | GAS.TURBINE-COMPRESSOR. AUXILIARY-POWER-PLANT | AIR | 516.129 | 653.915 | 272 | .062 | 66 | 2361 | 50036000 |
| | ENGINE | AIR | 533.333 | 866.313 | 68 | .015 | 63 | 1114 | 50038000 |
| | GAS.TURBINE-COMPRESSOR. AUXILIARY-POWER-PLANT | AIR | 547.368 | 658.078 | | .095 | 63 | 1114 | 50040000 |
| | GAS.TURBINE-COMPRESSOR. AUXILIARY-POWER-PLANT | AIR | 660.533 | 786.682 | 50 | .08478 | 63 | 2120 | 50042000 |
| | ENGINE | AIR | 720 | 862.566 | 50 | .075 | 63 | 1198 | 50044000 |
| | REDUCTION-GEAR-SYSTEM | AIR | 851.851 | 938.106 | | .216 | 63 | 1114 | 50046000 |
| | REDUCTION-GEAR-SYSTEM | AIR | 947.54 | 1005.33 | 200 | .50763 | 63 | 2109 | 50048000 |
| | REDUCTION-GEAR-SYSTEM | AIR | 980.169 | 1051.2 | 408 | .353 | 65 | 1198 | 50050000 |
| | REDUCTION-GEAR-SYSTEM | AIR | 1049.77 | 1124.72 | 200 | .33912 | 63 | 1114 | 50052000 |
| | | AIR | 1083.61 | 1164.9 | 200 | .299 | 63 | 1198 | 50054000 |
| | | | | | | | 63 | 1114 | 50056000 |

PART CLASS 778 STARTERS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.L. | | | | | | | | | |
| | AIR-TURBINE-AND-ACCESSORY-DRIVE | AIR | 2964.48 | 3379.45 | | .02407 | 63 | 1123 | 50058000A |
| | ENGINE | AIR | 6884.75 | 7031.85 | | .538 | 63 | 2111 | 50060000 |
| ENGINE | STARTING.B-727 | AIR | 80 | | | | 66 | 2380 | 50062000 |
| ENGINE | STARTING.L-188 | AIR | 240 | | | | 65 | 2380 | 50064000 |
| ENGINE | STARTING.DC8-21/8720 | AIR | 460 | | | | 66 | 2380 | 50066000 |
| ENGINE.PNEUMATIC | STARTING.707-131 | AIR | 200P | | | | 65 | 2361 | 50068000 |
| ENGINE.PNEUMATIC | STARTING.707-131 | AIR | 220P | | | | 66 | 2361 | 50070000 |
| ENGINE.PNEUMATIC | STARTING.707-131 | AIR | 400P | | | | 66 | 2361 | 50072000 |
| ENGINE.PNEUMATIC | STARTING.707-331 | AIR | 460P | | | | 66 | 2361 | 50074000 |
| ENGINE-CSAB | STARTING-707-331 | AIR | 3109 | | | | 65 | 2364 | 50076000 |
| ENGINE-CSAB | STARTING.707-331 | AIR | 1020P | | | | 65 | 2362 | 50078000 |
| ENGINE-PNEUMATIC | STARTING-707-131 | AIR | 160P | | | | 65 | 2364 | 50080000 |
| ENGINE-PNEUMATIC | STARTING-707-331 | AIR | 210P | | | | 66 | 2364 | 50082000 |
| ENGINE-PNEUMATIC | STARTING.707-131 | AIR | 250P | | | | 66 | 2362 | 50084000 |
| ENGINE-PNEUMATIC | STARTING.707-131 | AIR | 300P | | | | 65 | 2362 | 50086000 |
| ENGINE-PNEUMATIC | STARTING.707-331 | AIR | 340P | | | | 66 | 2362 | 50088000 |
| ENGINE-PNEUMATIC | STARTING.707-331 | AIR | 340P | | | | 65 | 2362 | 50090000 |
| ENGINE-PNEUMATIC | STARTING-707-131 | AIR | 400P | | | | 66 | 2364 | 50092000 |
| ENGINE-PNEUMATIC | STARTING.707-131 | AIR | 460P | | | | 66 | 2362 | 50094000 |
| ENGINE-PNEUMATIC | STARTING-707-131 | AIR | 500P | | | | 66 | 2364 | 50096000 |
| ENGINE-PNEUMATIC | STARTING.707-331 | AIR | 520P | | | | 66 | 2362 | 50098000 |
| ENGINE-PNEUMATIC | STARTING-707-331 | AIR | 620P | | | | 65 | 2364 | 50100000 |
| ENGINE-PNEUMATIC | STARTING-707-331 | AIR | 670P | | | | 66 | 2364 | 50102000 |
| HYDRAULIC | AUXILIARY-POWER-UNIT | AIR | 121.565 | 225.497 | 76 | .04113 | 66 | 1250 | 50104000A |
| HYDRAULIC | AUXILIARY-POWER-UNIT | AIR | 161.812 | 323.363 | 48 | .02472 | 65 | 1227 | 50106000 |
| MANUAL | | LAB | .020661C | .03R325C | | 242C | 63 | 2204 | 50108000 |
| MIL-S-7780B.28VDC | ENGINE | HELI | 266.666 | 433.156 | 120 | .03 | 69 | 4215 | 50110000 |
| PNEUMATIC | | AIR | 85.4063 | 122.358 | 304 | .1645 | 66 | 1250 | 50112000 |
| PNEUMATIC | | AIR | 121.359 | 179.829 | 192 | .05888 | 65 | 1227 | 50114000 |
| PNEUMATIC | | AIR | 785.714 | 1185.58 | 48 | .014 | 59 | 1110 | 50116000 |
| SHUT-OFF-VALVE | STARTING.BBO | AIR | 360P | | | | 65 | 2363 | 50118000 |
| SHUT-OFF-VALVE | STARTING.B8C | AIR | 530P | | | | 66 | 2363 | 50120000 |
| SHUT-OFF-VALVE | STARTING.B8C | AIR | 590P | | | | 66 | 2363 | 50122000 |
| SIZE-0 | | LAB | 8.77193C | 16.271AC | | .57DC | 63 | 2204 | 50124000 |
| SIZE-00 | | | 4.97859 | 9.23499 | | 1.0043 | 63 | 2204 | 50126000 |
| STARTING.707-331 | STARTING.707-331 | AIR | 90P | | | | 66 | 2361 | 50128000 |
| TURBINE | | AIR | 4168.42 | 4449.88 | | .095 | 63 | 2120 | 50130000 |

PART CLASS 779 STATORS

| PART DESCRIPTION .00 N.O.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| | COMPRESSOR, ENGINE STABILIZATION-SUBSYSTEM | AIR | • | 24.1809 | 248 | .0955 | 63 | 1111 | 50132000 |
| | TURBINE-ENGINE | AIR | • | 37.3738 | 3 | .06161 | 62 | 2322 | 50134000 |
| | ROTARY-DEVICES | AIR | • | 24.1109 | 248 | .0955 | 63 | 1111 | 50136000 |
| | | AIR | 10.1682 | 11.5443 | 517 | 9.697 | 62 | 1099 | 50138000 |

PART CLASS 700 STRAINERS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| | WATER-INJECTION-SYSTEM | AIR | * | 48.2219 | 124 | .04775 | 63 | 1111 | 50140000 |
| | BRINE-SYSTEM | LAB | * | .033376 | | 60.004 | 64 | 2235 | 50142000 |
| | PUMP,RAIN-FUEL-SYSTEM | AIR | 29.5714 | 111.136 | 320 | .035 | 61 | 1030 | 50144000A |
| DISTRIBUTION | FUEL-SYSTEM | AIR | 77.0975 | 96.9695 | 510 | .441 | 63 | 1114 | 50146000 |
| DISTRIBUTION | FUEL-SYSTEM | AIR | 103.436 | 120.72 | 250 | .63454 | 65 | 1193 | 50148000 |
| DISTRIBUTION | FUEL-SYSTEM | AIR | 134.463 | 160.294 | 250 | .4239 | 63 | 1198 | 50150000 |
| DISTRIBUTION | FUEL-SYSTEM | AIR | 149.333 | 178.305 | 250 | .375 | 63 | 1114 | 50152000 |
| ENGINE-FUEL | | AIR | 85.7142 | 190.88 | 320 | .035 | 61 | 1080 | 50154000A |
| FUEL | GAS-TURBINE-COMPRESSOR-AUXILIARY-POWER-PLANT | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 50156000 |
| FUEL | | HELI | 28.9017 | 112.419 | 40 | .0346 | 66 | 1257 | 50158000 |
| FUEL | HEATER | AIR | 36.7666 | 81.8252 | 244 | .19039 | 64 | 1144 | 50160000A |
| FUEL | | HELI | 78.9265 | 307 | 40 | .01267 | 66 | 1257 | 50162000 |
| FUEL | | HELI | 1111.11 | 1950.38 | 20 | .0054 | 66 | 1257 | 50164000 |

PART CLASS 781 STRAPS

| PART DESCRIPTION .00 M.B.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| | TANK.ENGINE-OIL-SYSTEM | AIR | * | 2.47333 | 800 | .93093 | 65 | 1198 | 50165000 |
| | RESERVOIR.20MM-GUN | GRD | 20R | 35.107R | 6 | .3R | 64 | 1134 | 50168000 |
| GROUND | HF-COMMUNICATION-SYSTEM | AIR | .491473 | 1.91168 | 1200 | 2.0847 | 63 | 1198 | 50170000 |
| GROUND | RADIO-COMPASS.AN/ARN-6 | AIR | 1.96592 | 4.37798 | 900 | 1.526 | 63 | 1198 | 50172000 |
| GROUND | RADIO-COMPASS.AN/ARN-6 | AIR | 2.22387 | 4.9524 | 900 | 1.349 | 63 | 1114 | 50174000 |
| HOSE-STORAGE | OXYGEN-SYSTEM | AIR | * | 3.29776 | 900 | .69823 | 65 | 1198 | 50[illegible]000 |
| LITTER/SEAT | CARGO-COMPARTMENT | AIR | * | 2.2183 | 2016 | 1.036 | 65 | 1227 | 50178000 |
| LITTER/SEAT | CARGO-COMPARTMENT | AIR | * | 1.33329 | 3192 | 1.727 | 66 | 1250 | 50180000 |
| MOUNT | TANK.CONSTANT-SPEED-DRIVE-OIL-SYSTEM | AIR | * | 6.99878 | 608 | .329 | 66 | 1250 | 50182000A |
| MOUNT | TANK.CONSTANT-SPEED-DRIVE-OIL-SYSTEM | AIR | * | 11.6434 | 384 | .19778 | 65 | 1227 | 50184000 |
| MOUNT | TANK.ENGINE-OIL-SYSTEM | AIR | 6.07902 | 16.1772 | 608 | .329 | 66 | 1250 | 50186000 |
| MOUNT | TANK.ENGINE-OIL-SYSTEM | AIR | 30.3398 | 59.2569 | 384 | .19776 | 65 | 1227 | 50188000 |
| MOUNTING | RESERVOIR.NO-1-HYDRAULIC-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 50190000 |
| MOUNTING | RESERVOIR.NO-2-HYDRAULIC-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 50192000 |
| MOUNTING | RESERVOIR.NO-1-HYDRAULIC-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 50194000A |
| MOUNTING | RESERVOIR.NO-2-HYDRAULIC-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 50196000A |
| MOUNTING | RESERVOIR.NO-3-HYDRAULIC-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 50198000 |
| MOUNTING | RESERVOIR.NO-3-HYDRAULIC-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 50200000A |

SECTION I  FAILURE RATE DATA

PART CLASS  (RELAYS, STRIKERS)

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF DATA | INDEX RPT SRCE | INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .CC N.E.C. | | | | | | | | | |
| | DOOR.MECHANICAL.FORWARD-ENTRANCE | AIR | * | 13.2979 | 304 | .1645 | 65 | [illegible] | [illegible] |
| | DOOR.MECHANICAL.PERSONNEL.CARGO-COMPARTMENT | AIR | * | 9.32982 | 456 | .1368 | 66 | [illegible] | [illegible] |
| | DOOR.EMERGENCY.AFT-ESCAPE-HATCH.CARGO-COMPARTMENT | AIR | * | 27.9917 | 152 | .08226 | 66 | [illegible] | [illegible] |
| | DOOR.MECHANICAL.PERSONNEL.CARGO-COMP | AIR | * | 15.5245 | 288 | .14832 | 65 | [illegible] | [illegible] |
| | DOOR.MECHANICAL.FORWARD-ENTRANCE | AIR | * | 23.2866 | 192 | .09888 | 65 | [illegible] | [illegible] |
| | DOOR.EMERGENCY.AFT-ESCAPE-HATCH.CARGO | AIR | * | 46.5736 | 96 | .04944 | 65 | [illegible] | [illegible] |

PART CLASS 765 STRUTS

| PART DESCRIPTION .00 N.E.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| | EXHAUST.TURBINE-SECTION.BASIC-ENGINE | AIR | * | 23.2868 | 192 | .89088 | 65 | 1227 | 50214000 |
| | SPEEDBRAKE-PIVOT/CATAPULT-REEL | AIR | * | 23.1719 | | .09937 | 63 | 1123 | 50216000 |
| | LANDING-GEAR.NOSE | AIR | * | 19.7868 | 188 | .11637 | 65 | 1198 | 50218000 |
| | DIFFUSER-EXHAUST.TURBOJET.J-35 | AIR | * | 2.51884 | 3784 | .91415 | 65 | 1228 | 50220000 |
| | EXHAUST.TURBINE-SECTION.BASIC-ENGINE | AIR | * | 13.9975 | 304 | .1645 | 66 | 1250 | 50222000 |
| | EXHAUST.TURBINE-SECTION.BASIC-ENGINE | AIR | * | 13.9975 | 304 | .1645 | 66 | 1250 | 50224000 |
| | SPOILER-FUNK-SPRING | AIR | * | 23.1719 | | .09937 | 63 | 1123 | 50226000 |
| | LANDING-GEAR.NOSE | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 50228000 |
| | FRONT-FRAME.TURBOJET.J-85 | AIR | * | .6716684 | 14190 | 5.4281 | 65 | 1228 | 50230000 |
| | LANDING-GEAR.MAIN | AIR | 2.83286 | 11.0189 | 406 | .353 | 63 | 1114 | 50232000 |
| | LANDING-GEAR.MAIN | AIR | 5.00981 | 13.1601 | 260 | .96763 | 65 | 1198 | 50234000 |
| | LANDING-GEAR.MAIN | AIR | 8.84642 | 19.7006 | 200 | .33912 | 63 | 1198 | 50234000 |
| | RADOME-SYSTEM | AIR | 10.0354 | 22.9438 | 268 | .799 | 63 | 1114 | 50238000 |
| | LANDING-GEAR.MAIN | AIR | 11.9864 | 18.7937 | 441 | .75589 | 65 | 1155 | 50240000 |
| | LANDING-GEAR.MAIN | AIR | 12.1565 | 47.2854 | 152 | .08224 | 66 | 1250 | 50242000 |
| | RUDDER-FUNK-SPRING | AIR | 16.129 | 62.737 | 272 | .062 | 63 | 1114 | 50244000 |
| | RADOME | AIR | 20.1247 | 78.2793 | | .04969 | 63 | 1123 | 50246000 |
| | LANDING-GEAR.MAIN | AIR | 23.8095 | 32.7464 | | .756 | 63 | 2100 | 50248000 |
| | LANDING-GEAR.NOSE | AIR | 40.453 | 107.671 | 96 | .04944 | 65 | 1227 | 50250000 |
| | LANDING-GEAR.NOSE | AIR | 48.626 | | 76 | .04113 | 66 | 1250 | 50252000 |
| | ARRESTING-HOOK-SYSTEM | AIR | 48.6263 | 129.461 | 76 | .04113 | 66 | 1250 | 50254000 |
| | TAIL-SKID | AIR | 50.933 | 76.8539 | 126 | .21597 | 65 | 1155 | 50256000 |
| | DOOR-ACTUATOR. | AIR | 63.1578 | 110.864 | | .095 | 63 | 2124 | 50258000 |
| | BOMB-NAVIGATION-SYSTEM | AIR | 83.7871 | 222.97 | 62 | .02387 | 63 | 1111 | 50260000 |
| | LANDING-GEAR.MAIN | AIR | 101.866 | 135.76 | 126 | .21597 | 64 | 1155 | 50262000 |
| | LANDING-GEAR.NOSE | AIR | 149.712 | 204.181 | 58 | .12691 | 65 | 1198 | 50264000 |
| | STABILIZER.TAIL-PYLON | MEL1 | 200 | 351.87 | 120 | .03 | 65 | 1215 | 50266000 |
| | MAIN-LANDING-GEAR-SHOCK | AIR | 203.703 | 248.993 | | .216 | 63 | 2101 | 50268000 |
| | TAIL-WHEEL-SHOCK | AIR | 203.703 | 271.483 | | .108 | 63 | 2101 | 50270000 |
| | LANDING-GEAR.NOSE | AIR | 250.046 | 323.756 | 63 | .10748 | 64 | 1155 | 50272000 |
| | LANDING-GEAR.NOSE | AIR | 306.676 | 399.108 | 58 | .08478 | 63 | 1198 | 50274000 |
| | LANDING-GEAR.NOSE | AIR | 320 | 421.114 | 50 | .075 | 63 | 1114 | 50276000 |
| | LANDING-GEAR.MAIN | AIR | 353.639 | 418.446 | 812 | .17532 | 64 | 1179 | 50278000 |
| | LANDING-GEAR.MAIN | AIR | 529.447 | 596.622 | 946 | .22894 | 65 | 1228 | 50280000 |
| | TIP-PROTECTION-GEAR | AIR | 586.51 | 843.234 | 62 | .02387 | 63 | 1111 | 50282000 |
| | MAIN-LANDING-GEAR | AIR | 589.473 | 667.468 | | .198 | 63 | 2124 | 50284000 |
| | LANDING-GEAR.NOSE | AIR | 644.688 | 725.593 | 406 | .08766 | 64 | 1179 | 50286000 |
| | NOSE-LANDING-GEAR | AIR | 631.578 | 749.463 | | .095 | 63 | 2124 | 50288000 |
| | LANDING-GEAR.NOSE | AIR | 971.383 | 1100.53 | 473 | .11427 | 65 | 1228 | 50290000 |
| | LANDING-GEAR.MAIN | AIR | 1031.18 | 1072.76 | 1194 | 1.8357 | 67 | 1272 | 50292000 |
| | LANDING-GEAR.MAIN | AIR | 1031.18 | 8072.76 | 1194 | 1.8357 | 67 | 1272 | 50294000 |
| | LANDING-GEAR.NOSE | AIR | 1373.1 | 1997.37 | 32 | .08851 | 66 | 1227 | 50296000 |
| | LANDING-GEAR.NOSE | AIR | 1392.18 | | 597 | .51789 | 67 | 1272 | 50298000 |
| | LANDING-GEAR.NOSE | AIR | 1392.18 | 1460.95 | 597 | .51789 | 67 | 1272 | 50300000 |

PART CLASS 783 SIRUIS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | GROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.E.C. | | | | | | | | | |
| | HUMIDITY-TEMPERATURE.AN/AMQ-7 | AIR | * | 220.344 | 90 | .01045 | 63 | 1198 | 50302000 |
| ARRESTING-HOOK-RECOIL ASSEMBLY | ELEVATOR-PUSH-SPRING | AIR | * | 23.1719 | | .09937 | 63 | 1123 | 50304000 |
| ASSEMBLY.NOSE-WHEEL SHANK | | AIR | 500 | 599.004 | | .100 | 63 | 2101 | 50306000 |
| DRAG | LANDING-GEAR.MAIN | AIR | * | 48.2219 | 124 | .04775 | 63 | 1113 | 50308000 |
| RETRACT | NOSE.LANDING-GEAR | AIR | * | 8.12061 | 79 | .28359 | 65 | 1196 | 50310000 |
| RETRACT | MAIN.LANDING-GEAR | AIR | 48.8449 | 63.2437 | | .35277 | 65 | 1196 | 50312000 |
| SHOCK | MAIN-LANDING-GEAR | AIR | 2.09624 | 8.14994 | 124 | .4775 | 63 | 1111 | 50314000 |
| SHOCK | MAIN-LANDING-GEAR | AIR | 97.5506 | 118.697 | | .47155 | 63 | 1123 | 50314000A |
| SHOCK | TAIL-LANDING-GEAR | AIR | 101.87 | 193.715 | 53 | .10758 | 64 | 1195 | 50315000 |
| SHOCK | LANDING-GEAR.NOSE | AIR | 497.981 | | | .2972 | 66 | 1263 | 50320000 |
| SHOCK | LANDING-GEAR.NOSE | AIR | 497.981 | 594.65 | | .2972 | 66 | 1263 | 50322000 |
| SHOCK | LANDING-GEAR.MAIN | AIR | 1234.8 | | | .2369 | 66 | 1263 | 50324000 |
| SHOCK | LANDING-GEAR.MAIN | AIR | 1236.8 | 1334.64 | | .2369 | 66 | 1263 | 50326000 |
| SUPPORT | GEAR-BOX.REDUCTION-GEAR-SYSTEM | AIR | * | 3.39501 | 400 | .67823 | 63 | 1198 | 50328000 |
| SUPPORT | GEAR-BOX.REDUCTION-GEAR-SYSTEM | AIR | * | 4.53598 | 200 | .50763 | 65 | 1198 | 50330000 |
| SUPPORT | GEAR-BOX.REDUCTION-GEAR-SYSTEM | AIR | * | 2.47333 | 800 | .93097 | 65 | 1198 | 50332000 |
| TENSION | MAIN-LANDING-GEAR | AIR | 339.663 | 415.18 | | .12954 | 63 | 1123 | 50334000 |
| TORQUE | LANDING-GEAR.MAIN | AIR | 5.98131 | 22.1005 | 284 | .176 | 63 | 1114 | 50336000 |
| TORQUE | LANDING-GEAR.MAIN | AIR | 7.8796 | 20.9607 | 100 | .25382 | 65 | 1198 | 50338000 |
| TORQUE | LANDING-GEAR.MAIN | AIR | 8.59328 | 22.868 | 200 | .23274 | 65 | 1198 | 50340000 |
| TORQUE | LANDING-GEAR.MAIN | AIR | 11.7952 | 31.3888 | 100 | .18956 | 63 | 1198 | 50342000 |
| TORQUE | LANDING-GEAR.MAIN | AIR | 13.4228 | 35.7201 | 100 | .149 | 63 | 1114 | 50344000 |
| TORQUE | LANDING-GEAR.MAIN | AIR | 32.256 | 129.474 | 136 | .031 | 63 | 1114 | 50346000 |
| VNTRL-STR-LNR | DOORS.121 | AIR | 1700 | | | | 66 | 2243 | 50348000 |
| WIRING-ENCASED | AIR-BLAST-PRESSURE-AREA | AIR | 20.1247 | 78.2793 | | .04969 | 63 | 1123 | 50350000 |

PART CLASS 784 SUPPORTS

| PART DESCRIPTION .00 N.O.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | VR OF APP | DATA SPACE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| | AFT.DOOR.NOSE-LANDING-GEAR.FORWARD | AIR | • | 46.9734 | 96 | .04944 | 65 | 1227 | 50353000 |
| | CANOPY.INSTRUCTOR | AIR | • | 68.1885 | 673 | .11427 | 65 | 1228 | 50354000 |
| | AFTERBURNER.TURBOJET.J-85 | AIR | • | 10.0752 | 946 | .22854 | 65 | 1228 | 50356000 |
| | CAM-FOLLOWER.CLEAR-VISION-WINDSHIELD | AIR | • | 23.2068 | 192 | .09888 | 65 | 1227 | 50358000 |
| | BEARING.FLAP-CONTROL | AIR | • | 15.7781 | 484 | .10712 | 65 | 1211 | 50360000 |
| | BEARING.FORWARD.MAIN-FRAME. TURBOJET.J-85 | AIR | • | 10.0752 | 946 | .22854 | 65 | 1228 | 50362000 |
| | BEARING.THRUST-REVERSER-SYSTEM | AIR | • | 2.91085 | 1536 | .79184 | 65 | 1227 | 50364000 |
| | COWL.FORWARD.ENGINE-NACELLE | AIR | • | 23.2068 | 192 | .09888 | 65 | 1227 | 50366000 |
| | DOOR.NOSE-LANDING-GEAR.AFT | AIR | • | 13.9975 | 304 | .1645 | 66 | 1250 | 50368000 |
| | TD-AMPLIFIER.ENGINE-CONTROL | AIR | • | 4.94672 | 480 | .46548 | 65 | 1198 | 50370000 |
| | FAIRING.THRUST-REVERSER-SYSTEM | AIR | • | 4.91678 | 668 | .329 | 66 | 1250 | 50372000 |
| | SEAL.MAIN-FRAME.TURBOJET.J-85 | AIR | • | 10.0752 | 946 | .22854 | 65 | 1228 | 50374000 |
| | FORWARD.DOOR.NOSE-LANDING-GEAR. FORWARD | AIR | • | 46.9734 | 96 | .04944 | 65 | 1227 | 50376000 |
| | HINGE-FITTING.THRUST-REVERSER-SYSTEM | AIR | • | 11.6434 | 384 | .19776 | 65 | 1227 | 50378000 |
| | REGULATOR-PANEL.OXYGEN-SYSTEM | AIR | • | 19.7868 | 180 | .11837 | 65 | 1198 | 50380000 |
| | FORWARD.COWL.NOSE-LANDING-GEAR FORWARD | AIR | • | 27.9917 | 152 | .08228 | 66 | 1250 | 50382000A |
| | TUBE.SEAT.UPPER.CARGO-COMPARTMENT | AIR | • | 1.39375 | 3840 | 1.645 | 66 | 1250 | 50384000 |
| | INIATOR.AIR-DROP-SYSTEM | AIR | • | 55.9834 | 76 | .04113 | 66 | 1250 | 50386000 |
| | TUBE.SEAT.UPPER.CARGO-COMP | AIR | • | 2.32068 | 1920 | .9888 | 65 | 1227 | 50388000 |
| | AFT.DOOR.NOSE-LANDING-GEAR.FORWARD | AIR | • | 27.9917 | 152 | .08226 | 66 | 1250 | 50390000 |
| | BEARING.THRUST-REVERSER-SYSTEM | AIR | • | 1.74369 | 2432 | 1.316 | 66 | 1250 | 50392000 |
| | DOOR.NOSE-LANDING-GEAR.AFT | AIR | • | 23.2068 | 192 | .09888 | 65 | 1227 | 50394000 |
| | RUDDER-HINGE.VERTICAL-STABILIZER | AIR | • | 4.94672 | 480 | .46548 | 65 | 1198 | 50396000 |
| | COWL.FORWARD.ENGINE-NACELLE | AIR | • | 13.9975 | 304 | .1645 | 66 | 1250 | 50398000 |
| | CAM-FOLLOWER.CLEAR-VISION-WINDSHIELD | AIR | • | 13.9975 | 304 | .1645 | 66 | 1250 | 50400000 |
| | FAIRING.THRUST-REVERSER-SYSTEM | AIR | • | 11.6434 | 384 | .19776 | 65 | 1227 | 50402000 |
| | KIT.LIFE-RAFT.SURVIVAL-EQUIPMENT | AIR | • | 13.9975 | 304 | .1645 | 66 | 1250 | 50404000 |
| | DOOR.THRUST-REVERSER-SYSTEM | AIR | • | 11.6434 | 384 | .19776 | 65 | 1227 | 50406000 |
| | KIT.SURVIVAL.SURVIVAL-EQUIPMENT | AIR | • | 13.9975 | 304 | .1645 | 66 | 1250 | 50408000 |
| | INITIATOR.AIR-DROP-SYSTEM | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 50410000 |
| | OIL-TANK.GAS-TURBINE-COMPRESSOR. AUXILIARY-POWER-PLANT | AIR | • | 19.7868 | 180 | .11837 | 65 | 1198 | 50412000 |
| | DISCONNECT.OXYGEN/COMM.STUDENT-SEAT | AIR | • | 20.1505 | 473 | .11427 | 65 | 1228 | 50414000 |
| | MOUNT.AUXILIARY-POWER-UNIT | AIR | • | 18.4595 | 228 | .1234 | 66 | 1250 | 50416000 |
| | WIRING.NACELLE | AIR | • | 19.7868 | 180 | .11837 | 65 | 1198 | 50418000 |
| | MOUNT.AUXILIARY-POWER-UNIT | AIR | • | 31.049 | 144 | .07416 | 65 | 1227 | 50420000 |
| | SEAL.COMBUSTION-SECTION. TURBOJET.J-85 | AIR | • | 10.0752 | 946 | .22854 | 65 | 1228 | 50422000 |
| | COMBUSTION-LINER.BASIC-ENGINE | AIR | .486736 | 1.09325 | 2112 | 2.0545 | 65 | 1201 | 50424000 |
| | BEARING.TURBINE.REAR | AIR | 1.00275 | 2.66848 | 1716 | 1.3945 | 65 | 1201 | 50426000 |
| | BEARING.TURBINE.REAR.POWER-SECTION | AIR | 1.00275 | 2.66848 | 1716 | 1.3945 | 65 | 1201 | 50428000 |
| | BRAKE-LINE.LANDING-GEAR.MAIN | AIR | 2.14693 | 8.35093 | 480 | .46578 | 65 | 1198 | 50430000 |

PART CLASS 784 SUPPORTS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.E.C. | | | | | | | | | |
| | HINGE-FITTING.THRUST-REVERSER-SYSTEM | AIR | 3.03951 | 11.8227 | 688 | .329 | 66 | 1250 | 50432000 |
| | LANDING-GEAR.MAIN.WING. FLIGHT-CONTROL | AIR | 4.63027 | 18.0103 | 126 | .21597 | 64 | 1135 | 50434050 |
| | BEARING.TURBINE.REAR.POWER-SECTION | AIR | 4.86121 | 18.9086 | 260 | .20571 | 65 | 1201 | 50436000 |
| | DOOR.THRUST-REVERSER-SYSTEM | AIR | 6.07902 | 16.1772 | 608 | .329 | 66 | 1250 | 50438000 |
| | BEARING.TURBINE.REAR | AIR | 7.91264 | 17.6209 | 480 | .37914 | 65 | 1201 | 50440000 |
| | SPHERE.FIRE-EXTINGUISHER-SYSTEM | AIR | 8.59328 | 33.4252 | 100 | .11637 | 65 | 1198 | 50442000 |
| | CANOPY.STUDENT | AIR | 8.7512 | 34.0395 | 473 | .11427 | 65 | 1228 | 50444000 |
| | DRIVE.CANOPY.STUDENT | AIR | 8.7512 | 34.0395 | 473 | .11427 | 65 | 1228 | 50446000 |
| | DISCONNECT.OXYGEN/COMM.INSTRUCTOR-SEAT | AIR | 8.7512 | 34.0395 | 473 | .11427 | 65 | 1228 | 50448000 |
| | WINDSHIELD.INSTRUCTOR | AIR | 8.7512 | 34.0395 | 473 | .11427 | 65 | 1228 | 50450000 |
| | WINDSHIELD.INSTRUCTOR | AIR | 9.63456 | 17.9086 | 597 | .51789 | 67 | 1272 | 50452000 |
| | DRIVE.CANOPY.INSTRUCTOR | AIR | 9.63456 | 17.9086 | 597 | .51789 | 67 | 1272 | 50454000 |
| | GAS-EJECT-TUBE.20MM-GUN | GRD | 10R | 26.6115R | 4 | .2R | 64 | 1134 | 50456000 |
| | DISCONNECT.OXYGEN/COMM.INSTRUCTOR-SEAT | AIR | 11.4077 | 44.3725 | 406 | .08766 | 64 | 1179 | 50458000 |
| | CANOPY.INSTRUCTOR | AIR | 11.4077 | 44.3725 | 406 | .08766 | 64 | 1179 | 50460000 |
| | DRIVE.CANOPY.STUDENT | AIR | 11.4077 | 44.3725 | 406 | .08766 | 64 | 1179 | 50462000 |
| | WINDSHIELD.INSTRUCTOR | AIR | 11.4077 | 44.3725 | 406 | .08766 | 64 | 1179 | 50464000 |
| | CANOPY.INSTRUCTOR | AIR | 15.4472 | 29.0916 | 597 | .51789 | 67 | 1272 | 50466000 |
| | BEARING.TURBINE.REAR.POWER-SECTION | AIR | 17.0121 | 29.8622 | 448 | .35269 | 65 | 1201 | 50468000 |
| | CANOPY.STUDENT | AIR | 19.3091 | 29.7488 | 597 | .51789 | 67 | 1272 | 50470000 |
| | DRIVE.CANOPY.STUDENT | AIR | 21.24 | 32.0495 | 597 | .51789 | 67 | 1272 | 50472000 |
| | DRIVE.CANOPY.INSTRUCTOR | AIR | 26.2536 | 58.465 | 473 | .11427 | 65 | 1228 | 50474000 |
| | MAGAZINE.REAR.20MM-GUN | GRD | 50R | 66.8808 | 2 | .1R | 64 | 1134 | 50476000 |
| | DISCONNECT.OXYGEN/COMM.STUDENT-SEAT | AIR | 34.2231 | 76.2126 | 406 | .08766 | 64 | 1179 | 50478000 |
| | DRIVE.CANOPY.INSTRUCTOR | AIR | 57.0375 | 105.803 | 406 | .08766 | 64 | 1179 | 50480000 |
| | MOUNT.MACHINE-GUN.(5=MILES) | GRD | 145.867M | 230.243M | 15 | .06178 | 66 | 1295 | 50482000 |
| | MOUNT.TRANSMISSION.NB-5.W/HARDWARE | HELI | 157.859 | 420.071 | 40 | .01267 | 66 | 1257 | 50484000 |
| | BEARING.MAIN-DRIVE | HELI | 166.666 | 389.136 | 120 | .63 | 65 | 1215 | 50486000 |
| | BRAKE-PARACHUTE | AIR | 167.504 | 445.753 | 31 | .06194 | 63 | 1111 | 50488000 |
| | MOUNT.TRANSMISSION.NB-5.W/HARDWARE | HELI | 260.115 | 418.578 | 48 | .0346 | 66 | 1257 | 50490000 |
| | LANDING-GEAR.MAIN | AIR | 377.042 | 595.14 | 62 | .02387 | 63 | 1111 | 50492000 |
| | ELEMENT.FILTER.AIR.ENGINE.INTAKE | HELI | 895.953 | 1139.59 | 48 | .0346 | 66 | 1257 | 50494000 |
| | CONSTANT-SPEED-DRIVE.GENERATOR | AIR | 1423.78 | 1977.06 | 31 | .06194 | 63 | 1111 | 50496000 |
| | PERSONNEL-LEADS.INSTRUCTOR | AIR | 21.24 | 32.0495 | 597 | .51789 | 67 | 1272 | 50498000 |
| DISCONNECT | | AIR | 25.1818 | 58.6861 | 597 | .51789 | 67 | 1272 | 50500000 |
| DISCONNECT | PERSONNEL-LEADS.STUDENT | AIR | 5.72085 | 19.2453 | 560 | .34911 | 65 | 1198 | 50502000 |
| HOSE-STORAGE | OXYGEN-SYSTEM | | | | | | | | |

PART CLASS 701 SWITCHES, ELECTRICAL

| PART DESCRIPTION .00 N.E.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| | CONTROL.INDICATOR.MAIN-LANDING-GEAR | AIR | • | 192.847 | 31 | .01194 | 63 | 1111 | 50504000 |
| | ANTI-ICE-SYSTEM | AIR | • | 192.847 | 31 | .01194 | 63 | 1111 | 50504000 |
| | CONTROL.CAMERA.EXTRA-PICTURE | AIR | • | 73.4716 | 150 | .03134 | 63 | 1198 | 50508000 |
| | HYDRAULIC.PITCH-TRIM-ACTUATOR | AIR | • | 44.5734 | 96 | .04944 | 65 | 1227 | 50510000 |
| | ALL-DOORS.PILOT/COPILOT | AIR | • | 46.5734 | 96 | .04944 | 65 | 1227 | 50512000 |
| | DISCHARGE.FIRE-EXTINGUISHING-SYSTEM. ENGINE | AIR | • | 23.2868 | 192 | .09888 | 65 | 1227 | 50514000 |
| | CONTROL.RAMP.NO-3-HYDRAULIC-SYSTEM | AIR | • | 46.5734 | 96 | .04944 | 65 | 1227 | 50516000 |
| | CONTROL.TRIM.RUDDER-SYSTEM | AIR | • | 26.2673 | 406 | .00744 | 64 | 1179 | 50518000 |
| | LEVEL-CHECKOUT.REFUELING-SYSTEM | AIR | • | 192.847 | 31 | .01194 | 63 | 1111 | 50520000 |
| | HORN-SILENCER.WARNING-SYSTEM-LANDING-GEAR | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 50522000 |
| | ANTI-ICING/DE-ICING-SYSTEMS | AIR | • | 19.7868 | 180 | .11637 | 65 | 1198 | 50524000 |
| | IGNITION.CONTINUOUS.IGNITION/ ELECTRICAL-SYSTEM | AIR | • | 93.1472 | 48 | .02472 | 63 | 1227 | 50526000 |
| | CLEAR-VISION.WINDSHIELD-HEAT. DEICE-SYSTEM | AIR | • | 46.5734 | 96 | .04944 | 63 | 1227 | 50528000 |
| | DE-ICE.TOTAL-TEMPERATURE-SYSTEM. FLIGHT-INSTRUMENTATION | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 50530000 |
| | EMPENNAGE.ANTI-ICE/DE-ICE-SYSTEMS | AIR | • | 18.1435 | 50 | .12691 | 65 | 1198 | 50532000 |
| | RELEASE.CHUTE.AIR-DROP-SYSTEM | AIR | • | 31.049 | 144 | .07418 | 65 | 1227 | 50534000 |
| | AUXILIARY-PUMP. HYDRAULIC-POWER-SUPPLY | AIR | • | 9.89344 | 290 | .23274 | 65 | 1198 | 50536000 |
| | OVERRIDE.ALT.PRESSURIZATION-AIR-CONDITIONED | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 50538000 |
| | INERTIAL-TIMER | SEA MSL | • | 115130 | 90 | .00002 | 62 | 1106 | 50540000A |
| | CONTROL.PUMP-SHUTOFF-VALVE. HYDRAULIC-SYSTEM | AIR | • | 23.2868 | 192 | .09888 | 65 | 1227 | 50542000 |
| | BAILOUT-ALARM-SYSTEM | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 50544000 |
| | CONTROL.MASTER-REFUELING.FUEL-SYSTEM | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 50546000 |
| | HEATER.PITOT-STATIC-SYSTEM. FLIGHT-INSTRUMENTATION | AIR | • | 46.5734 | 96 | .04944 | 65 | 1227 | 50548000 |
| | RADOME.ANTI-ICE/DE-ICE-SYSTEMS | AIR | • | 27.1597 | 50 | .08478 | 63 | 1198 | 50550000 |
| | MAIN.REFUELING-SYSTEM | AIR | • | 192.847 | 31 | .01194 | 63 | 1111 | 50552000 |
| | QUADRANT.AUDIBLE-WARNING-SYSTEM. LAND-GEAR | AIR | • | 10.3496 | 432 | .22248 | 65 | 1227 | 50554000 |
| | INDICATOR.FUEL-QUANTITY | AIR | • | 16.0751 | 372 | .14324 | 63 | 1111 | 50556000 |
| | CONTROL.DOOR.ELECTRICAL.LOUVER | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 50558000 |
| | CONTROL.RAIN-REMOVAL-SYSTEM | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 50560000 |
| | EMERGENCY-CONTROL.MAIN-LANDING-GEAR | AIR | • | 192.847 | 31 | .01194 | 63 | 1111 | 50562000 |
| | CONTROL.RADAR-PRESS.AN/ASQ-70 | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 50564000 |
| | GYRO POWER.FLIGHT-INSTRUMENT | AIR | • | 192.847 | 31 | .01194 | 63 | 1111 | 50566000 |
| | DISENGAGE.CONTROL-WHEEL.APCS | AIR | • | 46.5734 | 96 | .04944 | 63 | 1227 | 50568000 |
| | CONTROL.HYDRAULIC-POWER. AILERON-SYSTEM | AIR | • | 23.2868 | 192 | .09888 | 65 | 1227 | 50570000 |

PART CLASS 791 SWITCHES, ELECTRICAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| | EMERGENCY.DEPRESSURIZE-CONTROL. AIR-CONDITIONED | AIR | • | 46.5736 | 96 | .04944 | 65 | 1227 | 90572000 |
| | CONTROL.GUARD.FUEL-SYSTEM | AIR | • | 31.049 | 144 | .07416 | 65 | 1227 | 90574000 |
| | CONTROL.DOOR.HYDRAULIC.CARGO-RAMP | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 90576000 |
| | DISCONNECT.PITCH-TRIM-ACTUATOR | AIR | • | 46.5736 | 96 | .04944 | 65 | 1227 | 90578000 |
| | ENRICHMENT.FUEL-SYSTEM | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 90580000 |
| | GYRO-FAST-ERECTION.FLIGHT-INSTRUMENT | AIR | • | 96.4441 | 62 | .02387 | 65 | 1111 | 90582000 |
| | DISCONNECT.REFUELING-SYSTEM | AIR | • | 192.847 | 31 | .01194 | 63 | 1111 | 90584000 |
| | OVERHEAT.WING-ANTI-ICE-SYSTEM | AIR | • | 15.5245 | 288 | .14832 | 65 | 1227 | 90586000 |
| | INERTIAL-TIMER | MSL | • | 230260 | 17 | .00001 | 63 | 1186 | 90588000A |
| | DE-ICE.ANGLE-ATTACK-SYSTEM. FLIGHT-INSTRUMENTATION | AIR | • | 46.5736 | 96 | .04944 | 65 | 1227 | 90590000 |
| | EMPENNAGE.ANTI-ICE/DE-ICE-SYSTEMS | AIR | • | 19.7868 | 100 | .11807 | 65 | 1198 | 90592000 |
| | CONTROL.MANUAL.PRESSURIZATION. AIR-CONDITIONED | AIR | • | 27.1597 | 50 | .08478 | 63 | 1198 | 90594000 |
| | CONTROL.LANDING-GEAR | AIR | • | 184.471 | 60 | .014 | 61 | 1088 | 90596000 |
| | BYPASS.NORMAL.DOOR-WARNING-SYSTEM | AIR | • | 11.6434 | 384 | .19776 | 65 | 1227 | 90598000 |
| | FAST-SLAVE.NAVIGATION-INSTRUMENT | AIR | • | 13.1330 | 812 | .17532 | 64 | 1179 | 90600000 |
| | CONTROL.ENGINE-ANTI-ICE | AIR | • | 13.1336 | 812 | .17532 | 64 | 1179 | 90602000 |
| | DISCHARGE.FIRE-EXTINGUISHING-SYSTEM. AUXILIARY-POWER-UNIT | AIR | • | 46.5736 | 96 | .04944 | 65 | 1227 | 90604000 |
| | CONTROL.TV-CAMERA-COMPT.ANTI/DE-ICE | AIR | • | 27.1597 | 50 | .08478 | 63 | 1198 | 90606000 |
| | CONTROL.ANTI/ICING/DE-ICING-SYSTEMS | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 90608000 |
| | CONTROL.PUMP-SUCTION-BOOST. HYDRAULIC-SYSTEM | AIR | • | 46.5736 | 96 | .04944 | 65 | 1227 | 90610000 |
| | DEGREE-55/8C.DOOR.HYDRAULIC.PETAL | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 90612000 |
| | STARTER-CUTOUT.PNEUMATIC-SYSTEM | AIR | • | 23.2868 | 192 | .09888 | 65 | 1227 | 90614000 |
| | | AIR | • | 121.189 | 4 | .019 | 62 | 1093 | 90616000 |
| | VALVE.CROSSOVER-MANIFOLD.PNEUMATIC | AIR | • | 192.847 | 31 | .01194 | 63 | 1111 | 90618000 |
| | WARNING.DOOR.MECHANICAL. FORWARD-ENTRANCE | AIR | • | 55.9834 | 76 | .04113 | 66 | 1250 | 90620000A |
| | DISCONNECT.AUTO-LOAD. AC-POWER-CONTROL | AIR | • | 46.5736 | 96 | .04944 | 65 | 1227 | 90622000 |
| | INDICATOR.FAILED-CABLE. WING-FLAP-SYSTEM | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 90624000 |
| | HORN-SILENCER.WARNING-SYSTEM. LANDING-GEAR | AIR | • | 55.9834 | 76 | .04113 | 66 | 1250 | 90626000A |
| | HEATED.PITOT-STATIC-SYSTEM. FLIGHT-INSTRUMENTATION | AIR | • | 55.9834 | 76 | .04113 | 66 | 1250 | 90628000 |
| | FIRE.TAKEOFF-ASSIST-SYSTEM | AIR | • | 18.1455 | 90 | .12691 | 65 | 1198 | 90630000 |
| | GROUND.AIR-COOLING-SYSTEM | AIR | • | 192.847 | 31 | .01194 | 63 | 1111 | 90632000 |
| | HATCH.EJECTION-SYSTEM | AIR | • | 192.847 | 31 | .01194 | 63 | 1111 | 90634000 |
| | | GRD | • | 2302.6 | 2 | .001 | 62 | 1076 | 90634000 |
| | DOOR-INDICATOR.TIP-PROTECTION-GEAR | AIR | • | 96.4441 | 62 | .02387 | 63 | 1111 | 90636000 |
| | CLEAR-VISION.WINDSHIELD-HEAT. DE-ICE-SYSTEM | AIR | • | 27.9917 | 76 | .00224 | 66 | 1250 | 90640000A |

PART CLASS 791 SWITCHES, ELECTRICAL

| PART DESCRIPTION .08 M.O.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| | CONTROL.ANTENNA.UHF-COMM.AN/ARC-88 | AIR | • | 46.5736 | 96 | .04944 | 65 | 1227 | 50642000 |
| | SWITCH.MASTER | AIR | • | 192.847 | 31 | .01194 | 63 | 1111 | 50644000 |
| | OF-LOCK.VIB-PROTECTION-GEAR | AIR | • | 96.4641 | 62 | .02387 | 63 | 1111 | 50644000 |
| | DISTRIBUTION.DC-POWER-SUPPLY | AIR | • | 19.7848 | 180 | .11427 | 65 | 1198 | 50646000 |
| | THROTTLE-QUADRANT | AIR | • | 192.847 | 31 | .01194 | 63 | 1111 | 50650000 |
| | DISCONNECT.PITCH-TRIM-ACTUATOR | AIR | • | 27.9917 | 192 | .08226 | 66 | 1250 | 50652000 |
| | CONTROL.POWER.HYDRAULIC. AUDDER-SYSTEM | AIR | • | 46.5736 | 96 | .04944 | 65 | 1227 | 50654000 |
| | ANTI-SKID.LANDING-GEAR | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 50654000 |
| | SILENCE.AUDIBLE-WARNING-SYSTEM.FIRE | AIR | • | 55.9834 | 76 | .04113 | 66 | 1250 | 50658000A |
| | AIR-CONDITIONING | AIR | • | 192.847 | 31 | .01194 | 63 | 1111 | 50660000 |
| | | SIM SHD | • | 28.7825 | | .08 | 63 | 1107 | 50662000A |
| | CUT-OFF.PITCH.STABILIZER-AUGMENTER. AUTO-PILOT | AIR | • | 20.1505 | 473 | .11427 | 65 | 1228 | 50664000 |
| | | AIR | • | 460.52 | 40 | .005 | 62 | 1093 | 50666000A |
| | DEGREE-55/80.DOOR.HYDRAULIC.PETAL | AIR | • | 55.9834 | 76 | .04113 | 66 | 1250 | 50668000A |
| | | AIR | • | 295.844 | 2 | .009 | 62 | 1093 | 50670000 |
| | DISCONNECT.AC-POWER-CONTROL | AIR | • | 31.049 | 144 | .07416 | 63 | 1227 | 50672000 |
| | GAIN.DECREASE.P-A-SYSTEM.AN/AIC-13 | AIR | • | 31.049 | 144 | .07416 | 65 | 1227 | 50674000 |
| | | AIR | • | 24.7744 | 15 | .006 | 62 | 1093 | 50676000 |
| | | AIR | • | 99.9416 | 7 | .024 | 62 | 1093 | 50678000 |
| | DISCHARGE.FIRE-EXTINGUISHING-SYSTEM. AUXILIARY-POWER-UNIT | AIR | • | 27.9917 | 192 | .08226 | 66 | 1250 | 50680000A |
| | METER-SELECTOR.AC-POWER-SYSTEM | AIR | • | 192.847 | 31 | .01194 | 63 | 1111 | 50682000 |
| | | AIR | • | 191.486 | 120 | .0152 | 62 | 1093 | 50684000 |
| | | AIR | • | 767.533 | 5 | .003 | 62 | 1093 | 50686000 |
| | CONTROL.SENSITIVITY.MARKER-BEACON | AIR | • | 18.1435 | 50 | .12691 | 65 | 1198 | 50688000 |
| | DE-ICE.TOTAL-TEMPERATURE-SYSTEM. FLIGHT-INSTRUMENTATION | AIR | • | 55.9834 | 76 | .04113 | 66 | 1250 | 50690000A |
| | SHUTOFF.BLEED-AIR-SYSTEM | AIR | • | 46.5736 | 96 | .04944 | 65 | 1227 | 50692000 |
| | VALVE.REFUELING-SYSTEM | AIR | • | 192.847 | 31 | .01194 | 63 | 1111 | 50694000 |
| | CONTROL.AUXILIARY-POWER-UNIT/EXT-POWER-SELECTOR.AC-POWER | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 50696000 |
| | | AIR | • | 24.4957 | | .094 | 61 | 1066 | 50698000 |
| | | AIR GND | • | 31.5424 | | .073 | 60 | 1067 | 50700000 |
| | CONTROL.LATERAL-DRUM/BRACKET. AUTO.MA-2 | AIR | • | 192.847 | 31 | .01194 | 63 | 1111 | 50702000 |
| | EMERGENCY.DEPRESSURIZE-CONTROL. AIR-CONDITION | AIR | • | 27.9917 | 192 | .08226 | 66 | 1250 | 50704000A |
| | CONTROL-WHEEL.PITCH-TRIM-ACTUATOR | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 50706000 |
| | DISENGAGE.CONTROL-WHEEL.AFCS | AIR | • | 27.9917 | 192 | .08226 | 66 | 1250 | 50708000 |
| | ENRICHMENT.FUEL-SYSTEM | AIR | • | 55.753 | 76 | .0413 | 66 | 1250 | 50710000A |
| | DISCHARGE.FIRE-EXTINGUISHING-SYSTEM. ENGINE | AIR | • | 13.9975 | 304 | .1645 | 64 | 1250 | 50712000A |
| | | AIR | • | 26.4466 | | .087 | 61 | 1066 | 50714000 |

PART CLASS 191 SWITCHES, ELECTRICAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| | COAXIAL-ANTENNA,RECEIVER-TRANSMITTER,RT-435 | SIN GRD AIR | * | 91.9201 | 195 | .02505 | 64 | 1181 | 50716000 |
| | SHUTOFF,WARNING-HORN,OXYGEN-QUANTITY | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 50718000 |
| | CONTROL,GENERATOR,AC-POWER | AIR | * | 18.6294 | 240 | .1236 | 55 | 1227 | 50720050 |
| | WARNING,DOOR,HORIZONTAL-STABILIZER,EMPENNAGE | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 50722000A |
| | | AIR | * | 8.34275 | 11 | .276 | 62 | 1093 | 50724000 |
| | DUCT-OVERHEAT,AIR-CONDITIONING | AIR | * | 192.847 | 31 | .0[illegible] | 63 | 1111 | 50726000 |
| | STANDBY-PUMP,PRESSURE-SUPPLY-SYSTEM | AIR | * | 48.2219 | 124 | .04775 | 63 | 1111 | 50728000 |
| | CONTROL,PUMP,SUCTION-BOOST,HYDRAULIC-SYSTEM | AIR | * | 27.9917 | 192 | .08226 | 66 | 1250 | 50730000A |
| | ANTI-ICE/DE-ICE,PROPELLER-ASSEMBLY | AIR | * | 3.01778 | 450 | .76301 | 63 | 1196 | 50732000 |
| | CONTROL,PITCH-TRIM-ACTUATOR | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 50734000 |
| | LOBING,RECEIVER-TRANSMITTER,RT-435 | SIN GRD AIR | * | 127.922 | 139 | .018 | 63 | 1111 | 50736000 |
| | LOBING,RECEIVER-TRANSMITTER,APX-25 | SIN GRD AIR | * | 91.9201 | 195 | .02505 | 64 | 1181 | 50738000 |
| | LOBING,AN/APX-46,IFF-SYSTEM | AIR | * | 20.1505 | 473 | .11427 | 65 | 1228 | 50740000 |
| | CONTROL,TIE,BUS/GENERATOR,AC-POWER | AIR | * | 23.2868 | 192 | .09088 | 65 | 1227 | 50742000 |
| | WARNING,DOOR,MECHANICAL,PERSONNEL,CARGO-COMPARTMENT | AIR | * | 27.9917 | 192 | .08226 | 66 | 1250 | 50744000A |
| | | GRD | * | 1157.08 | | .00199 | 64 | 1180 | 50746000 |
| | DUAL-VARIABLE-RESISTOR | GRD | * | 1123.21 | | .00205 | 64 | 1180 | 50748000 |
| | QUADRANT,AUDIBLE-WARNING-SYSTEM,LANDING-GEAR | AIR | * | 6.21988 | 684 | .3782 | 66 | 1250 | 50750000 |
| | CONTROL,RAIN-REMOVAL-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 50752000A |
| | CONTROL,RAMP,NO-3-HYDRAULIC-SYSTEM | AIR | * | 27.9917 | 192 | .08226 | 66 | 1250 | 50754000A |
| | STARTER,PNEUMATIC-SYSTEM | AIR | * | 23.2868 | 192 | .09088 | 65 | 1227 | 50756000 |
| | | AIR | * | 21.3203 | 11 | .108 | 62 | 1093 | 50758000 |
| | CONTROL,BATTERY,DC-POWER | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 50760000 |
| | DISCONNECT,IGNITION/ELECTRICAL-SYSTEMS | AIR | * | 4.94472 | 480 | .46548 | 65 | 1198 | 50762000 |
| | STARTER-CUTOUT,PNEUMATIC-SYSTEM | AIR | * | 13.9925 | 384 | .1645 | 66 | 1250 | 50764000 |
| | | AIR | * | 27.1448 | | .079 | 61 | 1046 | 50766000 |
| | COAXIAL-ANTENNA,RECEIVER-TRANSMITTER,RT-435 | SIN GRD AIR | * | 127.922 | 139 | .018 | 63 | 1111 | 50768000 |
| | BOND-SCARING-EQUIPMENT | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 50770000 |
| | DISCONNECT,CONSTANT-SPEED-DRIVE,AC-POWER-CONTROL | AIR | * | 23.2868 | 192 | .09088 | 65 | 1227 | 50772000 |
| | CONTROL,ANTI-ICING/DE-ICING-SYSTEMS | AIR | * | 55.9834 | 76 | .04112 | 66 | 1250 | 50774000A |
| | GAIN,F-A-SYSTEM,INTERCOM | AIR | * | 9.89344 | 200 | .23274 | 65 | 1198 | 50776000 |
| | BYPASS,NORMAL,DOOR-WARNING-SYSTEM | AIR | * | 6.99878 | 660 | .329 | 66 | 1250 | 50778000A |
| | | GRD | * | 1465.34 | 23 | .00439 | 63 | 1125 | 50780000 |
| | | AIR | * | 40.3964 | | .057 | 61 | 1046 | 50782000 |
| | CONTROL,SENSITIVITY,MARKER-BEACON | AIR | * | 19.7848 | 180 | .12837 | 62 | 1198 | 50784000 |
| | RELEASE,CHUTE,AIR-DROP-SYSTEM | AIR | * | 18.4596 | 228 | .1294 | 64 | 1250 | 50786000A |
| | WINDSHIELD,ANTI-ICE/DE-ICE-SYSTEMS | AIR | * | 4.53998 | 288 | .30163 | 63 | 1196 | 50788000 |

SECTION I FAILURE RATE DATA

PART CLASS 791 SWITCHES, ELECTRICAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART PROPA-GATION | PART HOURS | PA | YR OF DATA | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.E.C. | | | | | | | | | |
| | WINDSHIELD.ANTI-ICE/DE-ICE-SYSTEMS | AIR | • | 4.94672 | 400 | .46548 | 65 | 1198 | 507900 |
| | SILENCE.AUDIBLE-WARNING-SYSTEM.FIRE | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 507900 |
| | AUTO-ANN.WING-SPOILER-SYSTEM | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 507940 |
| | CONTROL.FUEL/IGNITION.ENGINE | AIR | • | 55.9834 | 304 | .04113 | 66 | 1250 | 507940 |
| | OVERRIDE.ALTERNATE.PRESSURIZATION.AC | AIR | • | 55.9834 | 76 | .04113 | 66 | 1250 | 507940 |
| | CONTROL.BLEED-AIR-SYSTEM | AIR | • | 11.1966 | 300 | .20565 | 66 | 1250 | 507940 |
| | CONTROL.DOOR.AUTOPILOT.JAM-2 | AIR | • | 38.5759 | 155 | .09469 | 63 | 1111 | 508 |
| | DEFEAT.WING-FLAP-SYSTEM | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 508 |
| | CONTROL.AILERON-TRIM-SYSTEM | AIR | • | 27.9917 | 152 | .08226 | 66 | 1250 | 508 |
| | EXTINGUISH.EMERGENCY-LIGHT-SYSTEM | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 508 |
| | FIRE.TAKEOFF-ASSIST-SYSTEM | AIR | • | 19.7868 | 100 | .11637 | 65 | 1198 | 508 |
| | INTERVALOMETER | AIR | • | 192.847 | 31 | .01194 | 63 | 1111 | 508 |
| | SUCTION-BOOST-PUMP.HYDRAULIC. POWER-SUPPLY | AIR | • | 9.89344 | 200 | .23274 | 65 | 1198 | 508 |
| | CABIN-AIR-CONDITIONING | AIR | • | 20.1505 | 473 | .11427 | 65 | 1220 | 508 |
| | DOPPLER,NORMAL/EMERGENCY. BOMB-COMPUTER.ASQ* | AIR | • | 192.847 | 31 | .01194 | 63 | 1111 | 508 |
| | STARTER.PNEUMATIC-SYSTEM | AIR | • | 13.9975 | 304 | .1645 | 66 | 1250 | 508 |
| | ANTENNA.TRANSMITTER.ALT-68 | AIR | • | 192.847 | 31 | .01194 | 63 | 1111 | 508 |
| | WARNING.HIGH-OIL-TEMPERATURE. CONSTANT-SPEED-DRIVE-SYSTEM | AIR | • | 13.9975 | 304 | .1645 | 66 | 1250 | 508 |
| | CONTROL.BLEED-AIR-LOAD. AUXILIARY-POWER-UNIT | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 508 |
| | CONTROL.PUMP-SHUTOFF-VALVE. HYDRAULIC-SYSTEM | AIR | • | 13.9975 | 304 | .1645 | 66 | 1250 | 508 |
| | CONTROL.MASTER-REFUELING.FUEL-SYSTEM | AIR | • | 55.9834 | 76 | .04113 | 66 | 1250 | 508 |
| | CONTROL.DOOR.HYDRAULIC.CARGO-RAMP | AIR | • | 55.9834 | 76 | .04113 | 66 | 1250 | 508 |
| | | SIM AIR | • | 11.0917 | 2058 | .19363 | 65 | 1206 | 508 |
| | GAIN.INCREASE.P-A-SYSTEM.AR/AIC-13 | AIR | • | 31.049 | 144 | .03416 | 65 | 1227 | 508 |
| | CONTROL.INSTRUMENT.EMERGENCY-POWER | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 508 |
| | INTERPHONE.P-A-SYSTEM.AR/AIC-13 | AIR | • | 3.62377 | 250 | .63494 | 65 | 1198 | 508 |
| | FIRE.TAKEOFF-ASSIST-SYSTEM | AIR | • | 27.1507 | 50 | .00478 | 63 | 1198 | 508 |
| | JETTISON.FUEL-SYSTEM | AIR | • | 3.82390 | 300 | .78145 | 65 | 1198 | 508 |
| | INDICATION-LIGHT.LO-PRESSURE. CABIN.AC | AIR | • | 55.9834 | 76 | .04113 | 66 | 1250 | 508 |
| | ANTI-ICE-SYSTEM | AIR | • | 192.847 | 31 | .01194 | 63 | 1111 | 508 |
| | OVERHEAT.WING-ANTI-ICE-SYSTEM | AIR | • | 9.32982 | 456 | .2468 | 66 | 1250 | 508 |
| | DOOR-LOCK.LANDING-GEAR.MAIN | AIR | • | 46.5736 | 96 | .04944 | 65 | 1227 | 508 |
| | TEST.LAMP.BOMB-WARNING-SYSTEM | AIR | • | 55.9834 | 76 | .04113 | 66 | 1250 | 508 |
| | OVERHEAT.BLEED-AIR-DETECTION. AUXILIARY-POWER-UNIT.CARGO-FLOOR | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 508 |
| | TACAN-RADIO.ARN21B | AIR | • | 96.4641 | 62 | .03587 | 66 | 1241 | 508 |
| | CONTROL.AUXILIARY-POWER-UNIT/ J-POWER-SELECTOR.AC-POWER | AIR | • | 55.9834 | 76 | .04113 | 66 | 1250 | 508 |
| | TEST.FULL-QUANTITY.FUEL-SYSTEM | AIR | • | 2.2679 | 400 | 1.0153 | 65 | 1198 | 508 |

PART CLASS 791 SWITCHES, ELECTRICAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 1.0.L. | | | | | | | | | |
| | CONTROL.ANTENNA.UHF-COMMUNICATION. AN/ARC-90 | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 50844000A |
| | CONTROL.BATTERY.DC-POWER | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 50866000A |
| | TEST.CADC-SYSTEM.FLIGHT-INSTRUMENT | AIR | * | 9.32982 | 456 | .2468 | 66 | 1250 | 50868000A |
| | TEST.RESET.BLEED-AIR-OVER-HEAT-DETECTION.AUXILIARY-POWER-UNIT-CARGO | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 50870000A |
| | TEST.CADC-SYSTEM. FLIGHT-INSTRUMENTATION | AIR | * | 15.5245 | 288 | .14832 | 65 | 1227 | 50872000 |
| | TEST-ARM.ASYMMETRY.WING-SPOILER-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 50874000A |
| | TEST/NORMAL.STALL-WARNING-SYSTEM | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 50876000 |
| | TEST.ASYMMETRY.WING-FLAP-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 50878000 |
| | TEST.OVERHEAT-WARNING-SYSTEM | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 50880000 |
| | CONTROL.BLEED-AIR-LOAD.AUXILIARY-POWER-UNIT | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 50882000A |
| | COAXIAL-ANTENNA.AN/ARN-86 | AIR | * | 418.654 | | .0055 | 66 | 1263 | 50884000A |
| | TEST/RESET.BLEED-AIR-OVERHEAT-DETECTION.WING.PYLON | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 50886000A |
| | PITOT-HEATER | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 50888000 |
| | TEST.ASYMMETRY.WING-FLAP-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 50890000 |
| | RATIO.AUTO.WING-SPOILER-SYSTEM | AIR | * | 23.2868 | 192 | .09888 | 65 | 1227 | 50892000 |
| | TEST.OVERHEAT-WARNING-SYSTEM | AIR | * | 13.5798 | 100 | .16956 | 63 | 1198 | 50894000 |
| | RATIO.AUTO.WING-SPOILER-SYSTEM | AIR | * | 13.9975 | 304 | .1645 | 66 | 1250 | 50896000 |
| | AUTO-ARM.WING-SPOILER-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 50898000A |
| | PITOT-HEATER | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 50900000 |
| | TEST.OVERHEAT-WARNING-SYSTEM | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 50902000 |
| | SALVO.BOMB-NAVIGATION-SYSTEM | AIR | * | 96.4641 | 62 | .02387 | 63 | 1111 | 50904000 |
| | CONTROL.INSTRUMENT.EMERGENCY-POWER | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 50906000 |
| | DISCONNECT.AUTO-LOAD.AC-POWER-CONTROL | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 50908000A |
| | CONTROL.QUADRANT.THRUST-REVERSER-SYSTEM | AIR | * | 13.9975 | 304 | .1645 | 66 | 1250 | 50910000 |
| | CONTROL-WHEEL.PITCH-TRIM-ACTUATOR | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 50912000 |
| | CONTROL.TIE.BUS/GENERATOR.AC-POWER | AIR | * | 13.9975 | 304 | .1645 | 66 | 1250 | 50914000A |
| | CONTROL.GENERATOR.AC-POWER | AIR | * | 11.1968 | 380 | .20565 | 66 | 1250 | 50916000A |
| | TEST.WARNING-LIGHT.MAIN-LANDING-GEAR | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 50918000 |
| | DISCONNECT.ISOL-BUS.EMERGENCY-POWER | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 50920000A |
| | CONTROL.PITCH-TRIM-ACTUATOR | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 50922000 |
| | INDICATOR.FAILED-CABLE.WING-FLAP-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 50924000 |
| | TEST.STALL-WARNING-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 50926000 |
| | DISCONNECT.CONSTANT-SPEED-DRIVE. AC-POWER-CONTROL | AIR | * | 13.9975 | 304 | .1645 | 66 | 1250 | 50928000A |
| | DISCONNECT.AC-POWER-CONTROL | AIR | * | 18.6596 | 228 | .1234 | 66 | 1250 | 50930000 |

PART CLASS 731 SILICONS, ELECTRICAL

| PART DESCRIPTION / LOT P.N.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | PART FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | NO. OF PT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| | REPEAT.MIND-BLAD-SYSTEM | AIR | • | 55.9834 | 76 | .004 E3 | 44 | 1288 | 5099320004 |
| | RETRACTABLE-PROPELLER-ASSEMBLY | AIR | • | 4.99672 | 400 | .400+2 | 65 | 1190 | 50994000 |
| | RETRACTABLE-EMERGENCY-MIND-SPOILER-SYSTEM | AIR | • | 99.1472 | 48 | .00472 | 65 | 1227 | 50994000 |
| | DETECTOR.ASYMMETRY.MIND-SPOILER-SYSTEM | AIR | • | 13.9975 | 304 | .1445 | 66 | 1250 | 5099600004 |
| | TEST.FIRE-DETECTION-SYSTEM | AIR | • | 27.1997 | 90 | .00478 | 63 | 1198 | 50940000 |
| | EXTINGUISH.EMERGENCY-LIGHT-SYSTEM | AIR | • | 55.9834 | 76 | .004E2 | 66 | 1290 | 5099420004 |
| | | LAB | • | 460.52 | 1 | .005 | 66 | 1269 | 50944000 |
| | MIND.ANTI-ICE/DE-ICE-SYSTEMS (STORAGE) | AIR | • | 19.7868 | 100 | .15037 | 65 | 1198 | 50944000 |
| | | | • | .345824 | | 6.4589 | 64 | 252 | 5099400004 |
| | MARKING-BELL-SYSTEM | AIR | • | 9.97178 | 100 | .23382 | 65 | 1198 | 50950000 |
| | FLIGHT-CONTROL-SYSTEM | AIR | • | 92.3626 | 2 | .02495 | 62 | 2325 | 50952000 |
| | MARKING-BELL-SYSTEM (STORAGE) | AIR | • | 9.69344 | 200 | .23274 | 65 | 1198 | 50954000 |
| | | | • | 13.0294 | | .1665 | 66 | 251 | 5099540004 |
| | | | • | .0396416 | | 3.6C | 64 | 2213 | 50956000 |
| | DISCONNECT.ISOL-BUS.EMERGENCY-POWER | AIR | • | 99.1472 | 48 | .02472 | 65 | 1227 | 50960000 |
| | WHEEL-CONTROL.AUTOPILOT-SYSTEM | AIR | • | 13.5798 | 100 | .16956 | 63 | 1198 | 50962000 |
| | DOPPLER-RADAR-SUBSYSTEM | AIR | • | 90.4134 | 8 | .07971 | 62 | 2322 | 50964000 |
| | | GND | • | 177.123 | | .013 | 58 | 2L2 | 50964000 |
| | WING-ASSEMBLY.CENTER-SECTION (STORAGE) | AIR | • | 28.9871 | | .00021 | 63 | 1125 | 50966000 |
| | | | • | .749874 | | 3.0958 | 66 | 252 | 5099660004 |
| | | GRD | • | | | | 57 | 2240 | 50972000 |
| | | LAB | • | 57.4883 | | .03992 | 62 | 2298 | 50974000 |
| | | QUAL TEST | • | 18.4208 | | .125 | 59 | 2L2 | 50976000 |
| | (STORAGE) | | • | 9.52274 | | .2418 | 66 | 251 | 5099780004 |
| | CONTROL.FOOT-OPERATED.INTERCOM. AN/AIC-18 | AIR | .000002 | .000013 | 94 | 964944 | 65 | 122 | 50980000 |
| | | | .00005 | | | | 61 | 2231 | 50982000 |
| | | | .00002 | | | | 61 | 2231 | 50984000 |
| | | | .00005 | | | | 61 | 2231 | 50986000 |
| | | | .00005 | | | | 61 | 2231 | 50988000 |
| | | | .00005 | | | | 61 | 2231 | 50990000 |
| | | | .0001 | | | | 61 | 2231 | 50992000 |
| | | | .0001 | | | | 61 | 2231 | 50994000 |
| | | | .0001 | | | | 61 | 2231 | 50996000 |
| | | | .0001 | | | | 61 | 2231 | 50998000 |
| | | | .0001 | | | | 61 | 2231 | 51000000 |
| | | | .0001 | | | | 61 | 2231 | 51002000 |
| | | | .0001 | | | | 61 | 2231 | 51004000 |
| | | | .0001 | | | | 61 | 2231 | 51006000 |
| | | | .0001 | | | | 61 | 2231 | 51008000 |
| | | | .0001 | | | | 61 | 2231 | 51010000 |
| | | | .0001 | | | | 61 | 2231 | 51012000 |
| | | | .0001 | | | | 61 | 2231 | 51014000 |

PART CLASS 791 SWITCHES, ELECTRICAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 M.O.C. | | | | | | | | | |
| | | | .0001 | | | | 61 | 2231 | 51016000 |
| | | AIR | .089 | | | | 65 | 2590 | 51018000 |
| | | GRD | .089 | | | | 63 | 2M4 | 51020000 |
| | FRC-45-TRANSMITTER | GRD | .089523 | .113 | 21064 | 360.62 | 63 | 1164 | 51022000 |
| | | GRD | .09 | | | | 63 | 2M4 | 51024000 |
| | | GRD | .098061 | .26082 | | 20.406 | 66 | 2F | 51026000 |
| | (STORAGE) | | .103391 | .206616 | | 38.688 | 66 | 258 | 51028000A |
| | | GRD | .126422 | .491745 | 1287 | 7.91 | 65 | 1205 | 51030000A |
| | | GRD | .15528 | .603991 | | 6.44 | 58 | 2L2 | 51032000 |
| | | AIR | .16P | | | | 65 | 2590 | 51034000 |
| | .(STORAGE) | MSL | .16129 | .283121 | 10024 | 37.2 | 65 | 1254 | 51036000 |
| | | GRD | .2 | | | | 63 | 2M4 | 51038000 |
| | FSA-14-COMMUNICATION-CONSOLE | GRD | .233571 | .29091 | 9052 | 158.41 | 53 | 1164 | 51040000 |
| | | GRD | .24 | | | | 63 | 2M4 | 51042000 |
| | | GRD | .24 | | | | 63 | 2M4 | 51044000 |
| | | GRD | .262405 | 1.02067 | 4199 | 3.8109 | 64 | 1176 | 51046000 |
| | | GRD | .265435 | 1.03246 | | 3.7674 | 66 | 2F | 51048000 |
| | | GRD | .27 | | | | 63 | 2M4 | 51050000 |
| | FPS-23-AIRCRAFT-ALARM | GRD | .272109 | .35604 | 5236 | 93.875 | 63 | 1164 | 51052000 |
| | | GRD | .273 | | | | 63 | 2M4 | 51054000 |
| | | | .281833 | .75 | | 7.0964 | 66 | 2F | 51056000 |
| | (STORAGE) | | .290529 | 1.13007 | | 3.4420 | 66 | 252 | 51058000A |
| | FPS-19-RADAR | GRD | .348488 | .410691 | 10082 | 186.52 | 63 | 1164 | 51060000 |
| | | GRD | .368 | | | | 63 | 2M4 | 51062000 |
| | | GRD | .37 | | | | 63 | 2M4 | 51064000 |
| | | GRD | .3794 | | | | 63 | 2M4 | 51066000 |
| | .(C-AND-D) | LAB | .390778 | 1.52 | 432 | 2.559 | 65 | 1249 | 51068000 |
| | | AIR | .4 | | | | 62 | 2240 | 51070000 |
| | | SUB | .445871 | 1.7343 | 432 | 2.2428 | 65 | 1209 | 51072000 |
| | (PER-CONTACT-SET) | LAB | .5 | | | | 63 | 1138 | 51074000 |
| | | GRD | .560748 | .737933 | | 42.8 | 57 | 2L2 | 51076000 |
| | | AIR GND | .754717 | 1.11833 | | 15.9 | U | 2L2 | 51078000 |
| | | GRD | .870549 | 1.52811 | | 6.8922 | 66 | 2F | 51080000 |
| | | GRD | .945946 | 1.36 | | 14.8 | 61 | 2L2 | 51082000 |
| | | AIR | 1 | | | | 61 | 2L2 | 51084000 |
| | | GRD | 1.02739 | 2.28794 | | 2.92 | 58 | 2L2 | 51086000 |
| | JETTISON.FUEL-SYSTEM | AIR | 1.07414 | 4.17811 | 800 | .93097 | 65 | 1198 | 51088000 |
| | | GRD | 1.08818 | 4.23272 | | .91896 | 66 | 2F | 51090000 |
| | | GRD | 1.08819 | 1.71765 | | 4.2706 | 66 | 2F | 51092000 |
| | | GRD | 1.09 | | | | 62 | 1065 | 51094000 |
| | | GRD | 1.17241 | 1.628 | | 14.5 | U | 2L2 | 51096000 |
| | ENRICHMENT.FUEL-SYSTEM | AIR | 1.79079 | 6.96567 | 708 | .55841 | 65 | 1201 | 51098000 |
| | .(C-AND-D) | LAB | 1.84956 | 4.11886 | 270 | 1.622 | 65 | 1249 | 51100000 |
| | | GRD | 1.91666 | 3.55529 | | 2.6087 | 66 | 2F | 51102000 |
| | LOBING.AN/APX-46.IFF-SYSTEM | AIR | 1.93091 | 7.51066 | 597 | .51789 | 67 | 1272 | 51104000 |

PART CLASS 741 SWITCHES, ELECTRICAL

| PART DESCRIPTION .00 N.E.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | NO OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| | | SUB | 2.10148 | 4.69522 | 270 | 1.4295 | 65 | 1198 | 51 |
| | | SHP | 2.16 | | | | | | |
| | | GRD | 2.40965 | 6.41241 | | | 61 | 2L2 | 51 |
| | CONTROL.LIGHTING-SYSTEM | AIR | 2.44945 | 5.86881 | 1450 | .836 | 56 | 2L2 | 51 |
| | CONTROL.LIGHTING-SYSTEM | AIR | 2.61987 | 4.99175 | 2950 | 3.6889 | 65 | 1198 | 51 |
| | ENRICHMENT.FUEL-SYSTEM | AIR | 2.73059 | 10.6813 | 294 | 2.264 | 65 | 1114 | 51 |
| | | GRD | 2.77983 | 3.57987 | | .34622 | 65 | 1201 | 51 |
| | | AIR | 3.1 | | | 18.89 | 62 | 2300 | 51 |
| | | GRD | 3.32214 | 8.44815 | 534 | | 66 | 2M2 | 51 |
| | | GRD | 3.48887 | 13.5695 | | .46362 | 66 | 1198 | 51 |
| | | LAB | 3.6 | | | .38645 | 66 | 2F | 51 |
| | | QUAL TEST | 3.67847 | 14.3889 | | | 66 | 2M2 | 51 |
| | RAMP-POSITION.DOOR.HYDRAULIC | AIR | 3.77358 | 8.6981 | 986 | .272 | 57 | 2L2 | 51 |
| | CONTROL.TEMPERATURE.AIR-CONDITION. CABIN | AIR | 3.86182 | 10.2768 | 597 | .265 | 65 | 1198 | 51 |
| | CABIN-AIR-CONDITIONING | AIR | 3.86182 | 10.2768 | 597 | .51789 | 62 | 1272 | 51 |
| | WARNING-BELL-SYSTEM | AIR | 3.93182 | 10.4431 | 380 | .51789 | 61 | 1198 | 51 |
| | WHEEL-CONTROL.AUTOPILOT-SYSTEM | AIR | 3.9398 | 15.3246 | 100 | .50867 | 63 | 1198 | 51 |
| | | AIR | 4 | | | .25382 | 65 | 1198 | 51 |
| | | GRD | 4 | | | | 62 | 2206 | 51 |
| | | AIR | 4 | | | | 58 | 2L2 | 51 |
| | | AIR | 4.1841 | 16.2748 | | | 51 | 1836 | 51 |
| | CONTROL.LIGHTING-SYSTEM | AIR | 4.24628 | 8.70252 | 1250 | .239 | 61 | 0806 | 51 |
| | DOOR.GAS-TURBINE-COMPRESSOR | AIR | 4.29664 | 10.7126 | 240 | 2.1195 | 59 | 1198 | 51 |
| | AUXILIARY-POWER-PLANT ENGINE-DRIVEN-PUMP. HYDRAULIC-POWER-SUPPLY | AIR | 4.29664 | 11.434 | 400 | .23274 | 65 | 1198 | 51 |
| | FAST-SLAVE.NAVIGATION-INSTRUMENT | AIR | 4.3756 | 17.0197 | 946 | .46548 | 65 | 1198 | 51 |
| | CONTROL.ENGINE-ANTI-ICE | AIR | 4.3756 | 17.0197 | 946 | .42854 | 65 | 1228 | 51 |
| | CONTROL.LIGHTING-SYSTEM | AIR | 4.6051 | 7.58462 | 1250 | .22854 | 65 | 1228 | 51 |
| | RAMP-POSITION.DOOR.HYDRAULIC | AIR | 5.2532 | 13.9795 | 150 | 1.873 | 63 | 1114 | 51 |
| | | QUAL TEST | 5.74712 | 22.3549 | | .38072 | 65 | 1198 | 51 |
| | WINDSHIELD.ANTI-ICE/DE-ICE-SYSTEMS | AIR | 5.89761 | 15.6944 | 200 | .174 | 57 | 2L2 | 51 |
| | ANTI-ICING/DE-ICING-SYSTEMS | AIR | 5.89761 | 22.9399 | 100 | .33912 | 63 | 1198 | 51 |
| | ANTI-ICE/DE-ICE.PROPELLER-ASSEMBLY | AIR | 5.90981 | 13.1607 | 200 | .16956 | 63 | 1198 | 51 |
| | | | 6 | | | .50765 | 65 | 1198 | 51 |
| | CONTROL.HYDRAULIC-POWER. AILERON-SYSTEM | AIR | 6.07904 | 23.6455 | 304 | .1645 | U | 2M2 | 51 |
| | WINDSHIELD.ANTI-ICE/DE-ICE-SYSTEMS | AIR | 6.68896 | 17.8883 | 280 | .299 | 66 | 1228 | 51 |
| | ANTI-ICING/DE-ICING-SYSTEMS | AIR | 6.7814 | 26.1052 | 100 | .149 | 63 | 1114 | 51 |
| | | SHP | 6.76858 | 18.0869 | 864 | .29997 | 63 | 1114 | 51 |
| | | QUAL TEST | 7 | 8.199 | | 10 | 61 | 1131 | 51 |
| | | | 7 | | | | U | 2L2 | 51 |
| | WING.ANTI-ICE/DE-ICE-SYSTEMS | AIR | 7.8796 | 30.6492 | 50 | .12691 | 58 | 2M4 | 51 |
| | RADOME.ANTI-ICE/DE-ICE-SYSTEMS | AIR | 7.8796 | 30.6492 | 50 | .12691 | 65 | 1198 | 51 |

PART CLASS 791 SWITCHES, ELECTRICAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.E.C. | | | | | | | | | |
| | ANTI-ICING/DE-ICING-SYSTEMS | AIR | 7.8796 | 30.4492 | 59 | .12691 | 65 | 1193 | 51188000 |
| | | AIR | 7.89471 | 13.858 | | .76 | 57 | 212 | 51190000 |
| | | AIR GND | 8 | | | | 59 | 212 | 51192000 |
| | | SHP | 8.2 | | | | 62 | 2240 | 51194000 |
| | | AIR | 8.47457 | 32.9835 | 27 | .118 | 62 | 1093 | 51196000 |
| | ANTI-ICE/DE-ICE.HYDROMATIC-PROPELLER | AIR | 8.49858 | 18.9257 | 408 | .353 | 63 | 1114 | 51198000 |
| | RAMP-POSITION,DOOR.HYDRAULIC | AIR | 8.59315 | 15.0839 | 600 | .69823 | 65 | 1198 | 51200000 |
| | GUARD.DISTRIBUTION.DC-POWER-SUPPLY | AIR | 8.59328 | 33.4252 | 100 | .11637 | 65 | 1198 | 51202000 |
| | QUANITY-INDICATOR.LIQUID-OXYGEN | AIR | 8.59328 | 33.4252 | 100 | .11637 | 65 | 1198 | 51204000 |
| | FLIGHT-DIR-SYSTEM.AIR-FORCE-STD | AIR | 8.59328 | 33.4252 | 100 | .11637 | 65 | 1198 | 51206000 |
| | CONTROL.MANUAL.PRESSURIZATION. AIR-CONDITIONED | AIR | 8.59328 | 33.4252 | 100 | .11637 | 65 | 1198 | 51208000 |
| | WHEEL-CONTROL.AUTOPILOT-SYSTEM | AIR | 8.59328 | 22.868 | 200 | .23274 | 65 | 1198 | 51210000 |
| | SENSING.BRAKE.WING-FLAP-SYSTEM | AIR | 8.59328 | 22.868 | 200 | .23274 | 65 | 1198 | 51212000 |
| | INTERPHONE.P-A-SYSTEM.AN/AIC-13 | AIR | 8.59328 | 33.4252 | 100 | .11637 | 65 | 1198 | 51214000 |
| | TEST.FIRE-DETECTION-SYSTEM | AIR | 8.59328 | 33.4252 | 100 | .11637 | 65 | 1198 | 51216000 |
| | SYNCHROPHASE-MASTER. PROPELLER-ASSEMBLY | AIR | 8.59328 | 33.4252 | 100 | .11637 | 65 | 1198 | 51218000 |
| | | SUB | 8.59328 | 2..7953 | 59 | .22367 | 64 | 1127 | 51220000 |
| | ACCELEROMETER.AN-67- AUTOMATIC-FLIGHT-CONTROL | AIR | 9.76562 | 37.9853 | 63 | .1024 | 64 | 1140 | 51222000 |
| | | | 10 | | | | 58 | 281 | 51224000 |
| | CONTROL.FUEL/IGNITION.ENGINE | AIR | 10.1132 | 39.3375 | 192 | .09888 | 65 | 1227 | 51226000 |
| | DETECTOR.ASYMMETRY. WING-SPOILER-SYSTEM | AIR | 10.1132 | 39.3375 | 192 | .09888 | 65 | 1227 | 51228000 |
| | CONTROL.QUADRANT. THRUST-REVERSER-SYSTEM | AIR | 10.1132 | 39.3375 | 192 | .09888 | 65 | 1227 | 51230000 |
| | FIRE-EXTINGUISH | AIR | 10.5263 | 40.9442 | 248 | .095 | 63 | 1111 | 51232000 |
| | FUEL-FLOW.REFUELING | AIR | 10.5263 | 40.9442 | 248 | .095 | 63 | 1111 | 51234000 |
| | CONTROL.ENGINE-ANTI-ICE | AIR | 10.6208 | 16.026 | 1194 | 1.0357 | 67 | 1272 | 51236000 |
| | WARNING,LOW-PRESSURE,FUEL-SYSTEM | AIR | 10.6382 | 17.8849 | 1210 | .659 | 66 | 1258 | 51238000 |
| | HYDRAULIC.LANDING-GEAR | AIR | 10.8695 | 42.2793 | 326 | .092 | 59 | 1110 | 51240000 |
| | ENRICHMENT.FUEL-SYSTEM | AIR | 11.3314 | 22.6446 | 408 | .353 | 63 | 1114 | 51242000 |
| | BUS-TIE.DC-POWER-SUPPLY | AIR | 11.3636 | 44.2811 | 102 | .098 | 63 | 1104 | 51244000 |
| | WING.ANTI-ICE/DE-ICE-SYSTEMS | AIR | 11.3636 | 44.2811 | 102 | .098 | 63 | 1104 | 51244000 |
| | TOUCHDOWN.LANDING-GEAR.MAIN | AIR | 11.3636 | 20.2403 | 284 | .176 | 63 | 1414 | 51246000 |
| | LOCATING,AN/APX-44,IFF-SYSTEM | AIR | 11.4077 | 44.3725 | 406 | .09866 | 64 | 1179 | 51250000 |
| | MICROPHONE.THROTTLE-QUADRANT. AN/AIC-18 | AIR | 11.4077 | 80.3576 | 812 | .17532 | 64 | 1179 | 51252000 |
| | ACTUATING.WING-FLAP-SYSTEM | AIR | 11.4077 | 44.3725 | 406 | .09866 | 64 | 1179 | 51254000 |
| | CABIN-AIR-CONDITIONING | AIR | 11.4077 | 44.3725 | 406 | .09866 | 64 | 1179 | 51256000 |
| | CONTROL.AC-POWER-SUPPLY-SYSTEM | AIR | 11.4077 | 80.3576 | 812 | .17532 | 64 | 1179 | 51258000 |
| | | SUB | 11.4962 | 44.7891 | 59 | .087 | 63 | 1113 | 51260000 |
| | CONTROL.SENSITIVITY.MARKER-BEACON | AIR | 11.7952 | 45.8799 | 80 | .08678 | 63 | 1198 | 51262000 |
| | EMPENNAGE.ANTI-ICE/DE-ICE-SYSTEMS | AIR | 11.7952 | 45.8799 | 80 | .08678 | 63 | 1198 | 51264000 |

PART CLASS 791 SWITCHES, ELECTRICAL

| PART DESCRIPTION .00 N.E.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 60 CONF LIMIT | PART PARAMETER | PART HOURS | TH OF DATA RPT | CASES FROM | CASES PART NO |
|---|---|---|---|---|---|---|---|---|---|
| | START.HOT-DAY.IGNITION/ ELECTRICAL-SYSTEM | AIR | 11.7952 | 45.8799 | 90 | .00478 | 63 | 1196 | 51 |
| | EMERGENCY.FUEL-SYSTEM | AIR | 11.6196 | 86.7479 | 200 | .98163 | 65 | 1196 | 51 |
| | CONTROL.FLAP.QUADRANT-CLOSE-OUT | AIR | 11.9047 | 46.3096 | | .004 | 59 | 1078 | 51 |
| | | NSL | 13 | | | | 58 | 212 | 51 |
| | | AIR | 13 | | | | 56 | 201 | 51 |
| | | SHP | 12 | | | | 64 | 2268 | 51 |
| | CONTROL.PUMP.ELECTRIC.NO-3-HYDRAULIC-SYSTEM | AIR | 12.1965 | 47.2684 | 152 | .00824 | 66 | 1298 | 51 |
| | CONTROL.POWER.HYDRAULIC. RUDDER-SYSTEM | AIR | 12.1965 | 47.2684 | 152 | .00824 | 66 | 1298 | 51 |
| | ALL-DOORS.PILOT/COPILOT | AIR | 12.1965 | 47.2684 | 152 | .00824 | 66 | 1298 | 51 |
| | CONTROL.RUDDER-TRIM-SYSTEM | AIR | 12.1965 | 47.2684 | 152 | .00824 | 66 | 1298 | 51 |
| | CONTROL.DOOR.THRUST-REVERSER-SYSTEM | AIR | 13.8494 | 30.0995 | 1216 | .648 | 66 | 1298 | 51 |
| | FLOAT.BOTTOM-MOUNT.MAIN-FUEL-CELL | AIR | 12.8813 | 48.0504 | | .07961 | 63 | 1023 | 51 |
| | | AIR GRD | 12.7041 | 21.3427 | | .251 | 58 | 212 | 51 |
| | | AIR | 12.7962 | 16.5683 | | 2.11 | 62 | 243 | 51 |
| | | AIR GRD | 13.0769 | 14.8976 | | 7.88 | 58 | 212 | 51 |
| | CONTROL.TRIM.RUDDER-SYSTEM | AIR | 13.1268 | 29.2328 | 946 | .22834 | 65 | 1228 | 51 |
| | | | 13.3022 | 24.5431 | | .3007 | 57 | 203 | 51 |
| | START.HOT-DAY.IGNITION/ ELECTRICAL-SYSTEM | AIR | 13.3333 | 51.8626 | 90 | .075 | 63 | 1114 | 51 |
| | EMERGENCY.ANTI-ICE/DE-ICE-SYSTEMS | AIR | 13.3333 | 51.8626 | 90 | .075 | 63 | 1114 | 51 |
| | CONTROL.SENSITIVITY.MARKER-BEACON | AIR | 13.3333 | 51.8626 | 90 | .075 | 63 | 1114 | 51 |
| | TOUCHDOWN.ACTUATING-SCISSORS. MAIN-LANDING-GEAR | AIR | 13.4228 | 39.7861 | 180 | .149 | 63 | 1114 | 51 |
| | TEST.AUDIO-SYSTEM | AIR | 13.6054 | 52.921 | 100 | .0739 | 65 | 1196 | 51 |
| | INTERPHONE-SUBSYSTEM-RADIO-SET-AN/ARC-97 | AIR | 14.1693 | 18.5453 | 28 | 1.7819 | 62 | 2321 | 51 |
| | TEST.FIRE-DETECTION-SYSTEM | AIR | 15.7591 | 41.9375 | 90 | .12691 | 65 | 1198 | 51 |
| | TOUCHDOWN.LANDING-GEAR.MAIN | AIR | 15.7591 | 31.4429 | 180 | .25382 | 65 | 1196 | 51 |
| | DISTRIBUTION.DC-POWER-SUPPLY | AIR | 15.7591 | 41.9375 | 90 | .12691 | 65 | 1198 | 51 |
| | BUS-TIE.DC-POWER-SUPPLY | AIR | 15.7591 | 41.9375 | 90 | .12691 | 65 | 1198 | 51 |
| | CONTROL.MANUAL.PRESSURIZATION. AIR-CONDITIONED | AIR | 15.7991 | 41.9375 | 90 | .12691 | 65 | 1198 | 51 |
| | | AIR GRD | 16.7741 | 21.8299 | | 1.54 | 58 | 212 | 51 |
| | TOUCHDOWN.LANDING-GEAR.MAIN | AIR | 17.1865 | 34.9454 | 200 | .23274 | 65 | 1198 | 51 |
| | FAST-SLAVE.NAVIGATION-INSTRUMENT | AIR | 17.3795 | 23.9829 | 1194 | 1.0357 | 67 | 1272 | 51 |
| | TOUCHDOWN.ACTUATING-SCISSORS. MAIN-LANDING-GEAR | AIR | 17.6928 | 39.4004 | 180 | .16956 | 65 | 1198 | 51 |
| | FIRE-DETECTOR | AIR | 17.8571 | 24.3445 | | 1.044 | 61 | 1082 | 51 |
| | BYPASS.FILTER.FUEL-SYSTEM | AIR | 18.227 | 48.4127 | 384 | .1445 | 66 | 1298 | 51 |
| | | AIR | 18.2928 | 32.11 | | .328 | 61 | 1084 | 51 |
| | | GRD | 18.7 | | | | 59 | 2240 | 51 |
| | | GRD | 18.7 | | | | 64 | 282 | 51 |

PART CLASS 79; SWITCHES, ELECTRICAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.E.C. | | | | | | | | | |
| | REFRIGERATION-UNIT | AIR | 15.3548 | 43.1019 | 320 | .155 | 61 | 1000 | 51340000 |
| | | AIR GRD | 20 | | | | 58 | 2L2 | 51342000 |
| | | QUAL TEST | 20 | 44.5386 | | .150 | 58 | 2L2 | 51344000 |
| | POSITION.BOGIE.LANDING-GEAR.MAIN | AIR | 20.2265 | 78.6751 | 96 | .04944 | 65 | 1227 | 51346000 |
| | CONTROL.AILERON-TRIM-SYSTEM | AIR | 20.2265 | 78.6751 | 96 | .04944 | 65 | 1227 | 51348000 |
| | ASTRO-TRACKER-SUB-SYSTEM | AIR | 21.1327 | 82.1999 | 6 | .04732 | 62 | 2322 | 51350000 |
| | | AIR | 21.4 | | | | 57 | 2240 | 51352000 |
| | | AIR | 21.4281 | 42.8218 | | .18667 | 58 | 3240 | 51354000 |
| | CONTROL-WHEEL.INTERCOM.AN/AIC-10 | AIR | 21.4832 | 39.85 | 260 | .23274 | 65 | 1198 | 51356000 |
| | CONTROL.AC-POWER-SUPPLY-SYSTEM | AIR | 22.2072 | 29.4335 | 1194 | 1.0357 | 67 | 1272 | 51358000 |
| | DISTRIBUTION.DC-POWER-SUPPLY | AIR | 22.7272 | 66.4806 | 102 | .088 | 63 | 1114 | 51360000 |
| | CONTROL.HEATER.PITOT-STATIC-SYSTEM | AIR | 22.8154 | 60.7152 | 406 | .08766 | 64 | 1179 | 51362000 |
| | | AIR | 23.6686 | 47.2991 | | .169 | 61 | 1086 | 51364000 |
| | DISCONNECT.EMERGENCY.FORCE.AUTO-PILOT | SIM GRD AIR | 24.05 | 93.5473 | 195 | .04158 | 64 | 1181 | 51366000A |
| | BAILOUT-ALARM-SYSTEM | AIR | 24.3131 | 94.5708 | 76 | .04113 | 66 | 1250 | 51368000 |
| | CONTROL.DOOR.ELECTRIC.LOUVER | AIR | 24.3131 | 94.5708 | 76 | .04113 | 66 | 1250 | 51370000A |
| | UP-LOCK.LANDING-GEAR.MAIN | AIR | 24.3131 | 64.7069 | 152 | .06226 | 66 | 1250 | 51372000 |
| | POSITION.BOGIE.LANDING-GEAR.MAIN | AIR | 24.3131 | 64.7069 | 152 | .06226 | 66 | 1250 | 51374000A |
| | ANTI-SKID.LANDING-GEAR | AIR | 24.3131 | 94.5708 | 76 | .04113 | 66 | 1250 | 51376000 |
| | TEST.GENERATOR.EMERGENCY-POWER-SYSTEM | AIR | 24.3131 | 94.5708 | 76 | .04113 | 66 | 1250 | 51378000A |
| | TEST.GROUND/RATIO.WING-SPOILER-SYSTEM | AIR | 24.3131 | 94.5708 | 76 | .04113 | 66 | 1250 | 51380000 |
| | RETRACT.EMERGENCY.WING-SPOILER-SYSTEM | AIR | 24.3131 | 94.5708 | 76 | .04113 | 66 | 1250 | 51382000 |
| | WARNING.OIL-LOW.ENGINE/CONSTANT-SPEED-DRIVE-SYSTEM | AIR | 24.3161 | 46.593 | 384 | .1645 | 66 | 1250 | 51384000A |
| | | | 25 | | | | 59 | 2L4 | 51386000 |
| | | AIR | 25.3164 | 67.3708 | 3 | .079 | 62 | 1093 | 51388000 |
| | CONTROL.AC-POWER-SUPPLY-SYSTEM | AIR | 26.2536 | 46.0842 | 946 | .22854 | 65 | 1228 | 51390000 |
| | CONTROL.SPEED-BRAKE-SYSTEM | AIR | 26.2536 | 46.0842 | 946 | .22854 | 65 | 1226 | 51392000 |
| | CONTROL.PITOT-STATIC-SYSTEM | AIR | 26.2536 | 58.465 | 473 | .11427 | 65 | 1228 | 51394000 |
| | | GRD | 27.7777 | 600.047 | | .036 | 60 | 1067 | 51396000 |
| | | AIR | 27.7777 | 85.5107 | 79 | .144 | 62 | 1093 | 51398000 |
| | IGNITION.POWER-PLANT | AIR | 27.7829 | 61.8787 | 63 | .10798 | 65 | 1155 | 51400000 |
| | | AIR | 27.8 | | | | 62 | 2240 | 51402000 |
| | CONTROL.CANOPY-SEAL-SYSTEM | AIR | 28.5102 | 52.0815 | 812 | .19532 | 64 | 1179 | 51404000 |
| | CONTROL.HEATER.PITOT-STATIC-SYSTEM | AIR | 28.9036 | 41.1137 | 997 | .31789 | 67 | 1272 | 51406000 |
| | CONTROL.LANDING-GEAR | AIR | 28.9055 | 57.9242 | | .138 | 59 | 1010 | 51408000 |
| | DOOR.MAIN-LANDING-GEAR.OUTBOARD | AIR | 29.448 | 54.4984 | 192 | .16954 | 63 | 1170 | 51410000 |
| | CONTROL.DUAL.THRUST-REVERSER-SYSTEM | AIR | 30.3398 | 44.9573 | 768 | .39552 | 65 | 1227 | 51412000 |
| | CONTROL.CANOPY-SEAL-SYSTEM | AIR | 30.4272 | 51.8047 | 906 | .22854 | 62 | 1273 | 51414000 |
| | | AIR | 30.7813 | 38.4838 | 384 | 1.14 | 62 | 1093 | 51416000 |
| | TRIM-CONTROL.RUDDER-SYSTEM | AIR | 30.8943 | 43.352 | 997 | .31789 | 67 | 1272 | 51418000 |

| FUNCTIONAL APPLICATION | SERVICEABILITY | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| DOOR.GAS-TURBINE-COMPRESSOR. AUXILIARY-POWER-PLANT | AIR | 30.250 | 125.496 | 136 | .001 | 68 | 1228 | 51440000 | |
| FLAP.SCANNING,ANTENNA. RADAR-SYSTEMS | AIR | 30.250 | 87.8906 | 222 | .002 | 68 | 1228 | 51440000 | |
| EMERGENCY-DISC. ANNUNCIATOR-PANNEL-CONTROL-SWITCH | SIM GRD AIR | 30.5000 | 125.496 | 197 | .00 | 68 | 1228 | 51440000 | |
| CONTROL.SPOILER-SYSTEM | AIR | 35.3883 | 88.7889 | 193 | .004 | 63 | 1114 | 51440000 | |
| POSN.MAIN-LANDING-GEAR.SWITCHES | AIR | 30.297 | 87.8906 | 198 | .149 | 68 | 1228 | 51440000 | |
| CONTROL.SPOILER-BRAKE-SYSTEM | REL AIR | 34 34.2284 | 90.0735 | 913 | .17822 | 57 | 2L2 | 51440000 | |
| BUS-TIE.DC-POWER-SUPPLY | AIR | 34.3731 | 88.6888 | 185 | .16437 | 69 | 1358 | 51440000 | |
| CONTROL.DC-POWER-SUPPLY-SYSTEM | AIR | 35.0048 | 89.2891 | 173 | .11427 | 69 | 1358 | 51440000 | |
| CONTROL.TEMPERATURE. AIR-CONDITIONED-CABIN | AIR | 35.0048 | 89.9531 | 673 | .11427 | 69 | 1358 | 51440000 | |
| MICROPHONE.THROTTLE-QUADRANT. AN/AIC-10 | AIR | 35.0048 | 56.6296 | 944 | .22854 | 68 | 1228 | 51440000 | |
| WING.ANTI-ICE/DE-ICE-SYSTEMS | AIR | 35.3887 | 78.8816 | 90 | .00478 | 63 | 1114 | 51440000 | |
| CONTROL.FLAP | AIR | 37.027 | 90.2811 | | .004 | 70 | 1278 | 51440000 | |
| | AIR GRD | 37.3692 | 46.8956 | | .069 | 58 | 2L2 | 51440000 | |
| | AIR | 36.9375 | 102.881 | | .052 | 61 | 1064 | 51440000 | |
| WING.ANTI-ICE/DE-ICE-SYSTEMS | AIR | 40 | 89.0775 | 90 | .075 | 63 | 1114 | 51440000 | |
| NAVIGATION-SUBSYSTEM | AIR | 40.1875 | 94.1797 | 96 | 2.7295 | 62 | 2322 | 51440000 | |
| UP-LOCK.LANDING-GEAR.MAIN | SIM AIR | 40.493 | 107.881 | 96 | .04944 | 69 | 1357 | 51434000 | |
| TEST.GROUND/RATIO. WING-SPOILER-SYSTEM | AIR | 40.433 | 157.39 | 48 | .03572 | 62 | 1227 | 51434000 | |
| CONTROL.RUDDER-TRIM-SYSTEM | AIR | 40.433 | 107.881 | 96 | .04944 | 69 | 1227 | 51440000 | |
| CONTROL.AIR-FLOW-DETECTOR | AIR | 41.4444 | 162.87 | 62 | .024 | 63 | 1111 | 51440000 | |
| DOOR-LOCK.TIP-PROJECTION-GEAR | AIR | 41.8933 | 162.953 | 62 | .02367 | 63 | 1111 | 51440000 | |
| | GRD | 42.5931 | 85.0377 | | .044 | 68 | 1061 | 51440000 | |
| CONTROL.CANOPY-SEAL-SYSTEM | AIR | 44.4194 | 94.8426 | 1194 | 1.8057 | 67 | 1372 | 51440000 | |
| RAMP-POSITION.DOOR.HYDRAULIC | AIR | 47.1889 | 94.2857 | 96 | .00478 | 63 | 1114 | 51440000 | |
| DOWN-LOCK.LANDING-GEAR.MAIN | AIR | 48.6243 | 97.1742 | 152 | .00224 | 64 | 1228 | 51440000 | |
| | GRD | 49 | | | | 57 | 2B3 | 51440000 | |
| | SWR | 50.9943 | 198.852 | 12 | .01961 | 64 | 1137 | 51440000 | |
| DOOR.GAS-TURBINE-COMPRESSOR. AUXILIARY-POWER-PLANT | AIR | 51.2173 | 74.6003 | 180 | .25382 | 55 | 1148 | 51440000 | |
| RAMP-POSITION.DOOR.HYDRAULIC | AIR | 52.3333 | 106.58 | 58 | .075 | 63 | 1114 | 51440000 | |
| STABILIZATION-SUBSYSTEM | AIR | 52.5264 | 90.8128 | 10 | .26529 | 68 | 2322 | 51440000 | |
| DAMPER | | 54 | | | | 57 | 2B3 | 51440000 | |
| CONTROL.LIGHTING-SYSTEM | AIR | 54.084 | 94.8827 | 448 | .111 | 68 | 1358 | 51440000 | |
| | AIR | 54.7738 | 81.647 | 1888 | 2.2611 | 65 | 1196 | 51440000 | |
| | AIR | 54.8982 | 73.4788 | | .444 | 62 | 2292 | 51440000 | |
| STEERING.STICK-GRIP.WHEEL | AIR | 57.8385 | 189.883 | 486 | .00744 | 64 | 1179 | 51440000 | |
| CONTROL.DC-POWER-SUPPLY-SYSTEM | AIR | 57.8385 | 192.882 | 486 | .00744 | 64 | 1179 | 51440000 | |
| CNTY-OFF.PITCH.STABILIZER-AUGMENTER. AUTO-PILOT | AIR | 57.8385 | 163.883 | 486 | .00744 | 64 | 1179 | 51440000 | |

PART CLASS 791 SWITCHES, ELECTRICAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.E.C. | | | | | | | | | |
| | | SUB | 57.6036 | 224.061 | 12 | .01726 | 64 | 1137 | 51496000 |
| | | AIR | 57.8512 | 97.2801 | 33 | .121 | 62 | 1093 | 51498000 |
| | | AIR | 58.4795 | 90.0973 | | .171 | 61 | 1066 | 51500000 |
| | DISTRIBUTION.DC-POWER-SUPPLY | AIR | 58.9761 | 109.397 | 50 | .08478 | 63 | 1198 | 51502000 |
| | | AIR | 59.2592 | 96.257 | | .135 | 60 | 1067 | 51504000 |
| | | AIR | 61.0023 | 77.2875 | | .52457 | 62 | 2240 | 51506000 |
| | ENRICHMENT.FUEL-SYSTEM | AIR | 61.9249 | 83.1101 | 200 | .33912 | 63 | 1198 | 51508000 |
| | DOOR.GAS-TURBINE-COMPRESSOR. AUXILIARY-POWER-PLANT | AIR | 62.5 | 94.3076 | 204 | .176 | 63 | 1114 | 51510000 |
| | CONTROL.BLEED-AIR-SYSTEM | AIR | 64.7249 | 105.135 | 240 | .1236 | 65 | 1227 | 51512000 |
| | ELEVATOR-CONTROL-SYSTEM | AIR | 64.8298 | 105.305 | 228 | .1234 | 66 | 1250 | 51514000 |
| | FLOW.SCAVENGE.DISTRIBUTION. FUEL-SYSTEM | AIR | 65.0079 | 82.0557 | 200 | .50763 | 65 | 1198 | 51516000 |
| | FORCE-ASSEMBLY. AUTOMATIC-FLIGHT-CONTROL-SYSTEM | SIN GRD AIR | 66.6666 | 177.41 | 139 | .03 | 63 | 1117 | 51518000 |
| | DISTRIBUTION.DC-POWER-SUPPLY | AIR | 66.6666 | 123.662 | 50 | .075 | 63 | 1114 | 51520000 |
| | INTERPHONE.P-A-SYSTEM.AN/AIC-13 | AIR | 66.6666 | 259.313 | 68 | .015 | 63 | 1114 | 51522000 |
| | SEARCH-RADAR-SUBSYSTEM | AIR | 67.681 | 87.6325 | 37 | .39893 | 62 | 2322 | 51524000 |
| | CONTROL.SPEED-BRAKE-SYSTEM | AIR | 69.5182 | 81.2411 | 1194 | 1.0357 | 67 | 1272 | 51526000 |
| | ENRICHMENT.FUEL-SYSTEM | AIR | 70.2341 | 94.2618 | 200 | .299 | 63 | 1114 | 51528000 |
| | GENERATOR.AC-POWER-SUPPLY-SYSTEM | AIR | 71.4295 | 277.835 | 48 | .014 | 59 | 1110 | 51530000 |
| | DOORS.CARGO-COMPARTMENT | AIR | 72.9394 | 162.431 | 76 | .04113 | 66 | 1250 | 51532000A |
| | | MSL | 73.1707 | 135.495 | | .123 | 57 | 242 | 51534000 |
| | CONTROL.DC-POWER-SUPPLY-SYSTEM | AIR | 73.3746 | 91.1134 | 597 | .51789 | 67 | 1272 | 51536000 |
| | FLOW.SCAVENGE.DISTRIBUTION. FUEL-SYSTEM | AIR | 73.6543 | 95.8539 | 408 | .353 | 63 | 1114 | 51538000 |
| | AFTERBURNER.THROTTLE-CONTROL | AIR | 74.3852 | 103.29 | 946 | .22854 | 65 | 1228 | 51540000 |
| | | AIR | 76.923 | 153.722 | 14 | .052 | 62 | 1093 | 51542000 |
| | ACTUATING.WING-FLAP-SYSTEM | AIR | 78.7608 | 124.319 | 473 | .11427 | 65 | 1228 | 51544000 |
| | GROUND-IDLE.LOW-SPEED. ENGINE-CONTROLS | AIR | 80.7674 | 99.4622 | 200 | .50763 | 65 | 1198 | 51546000 |
| | POSITION.LANDING-GEAR.NOSE | AIR | 80.9061 | 215.303 | 48 | .02472 | 65 | 1227 | 51548000 |
| | TEST.GENERATOR. EMERGENCY-POWER-SYSTEM | AIR | 80.9061 | 215.303 | 48 | .02472 | 65 | 1227 | 51550000 |
| | CONTROL.PUMP.ELECTRIC. NO-3-HYDRAULIC-SYSTEM | AIR | 80.9061 | 161.681 | 96 | .04944 | 65 | 1227 | 51552000 |
| | DOORS.CARGO-COMPARTMENT | AIR | 80.9061 | 215.303 | 48 | .02472 | 65 | 1227 | 51554000 |
| | CONTROL.HANDLE.LANDING-GEAR | AIR | 83.3333 | 324.140 | 31 | .012 | 63 | 1111 | 51556000 |
| | CONTROL.MANUAL.WINDSHIELD-WIPER | AIR | 83.3333 | 324.141 | 31 | .012 | 63 | 1111 | 51558000 |
| | DOWN-WARNING.INDICATING.LANDING-GEAR | AIR | 83.3333 | 221.767 | 62 | .024 | 63 | 1111 | 51560000 |
| | | SUB | 83.3333 | 324.141 | 12 | .017 | 63 | 1119 | 51562000 |
| | SPOILER/AIRBRAKE-CONTROL | AIR | 83.752 | 325.77 | 31 | .01194 | 63 | 1111 | 51564000 |
| | BOMB-NAVIGATION-SYSTEM | AIR | 83.752 | 325.77 | 31 | .01194 | 63 | 1111 | 51566000 |
| | EXTERIOR-LIGHT | AIR | 83.752 | 325.77 | 31 | .01194 | 63 | 1111 | 51568000 |
| | ACTUATING.WING-FLAP-SYSTEM | AIR | 84.9601 | 103.849 | 597 | .51789 | 67 | 1272 | 51570000 |

PART CLASS 701 SWITCHES, ELECTRICAL

| PART DESCRIPTION .00 N.E.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF DATA | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| | CONTROL.FOOT-OPERATED.INTERCOM. AN/AIC-18 | AIR | 85.896 | 143.893 | 152 | .08226 | 66 | 1250 | 51572000 |
| | FLOW.SCAVENGE.DISTRIBUTION. FUEL-SYSTEM | AIR | 86.8861 | 184.468 | 488 | .46548 | 63 | 1198 | 51574000 |
| | GROUND-IDLE.LOW-SPEED. ENGINE-CONTROLS | AIR | 88.2284 | 118.828 | 488 | .46548 | 65 | 1198 | 51576000 |
| | | AIR | 90.889 | 282.448 | | .833 | 61 | 1064 | 51578000 |
| | | SUB | 90.909 | 353.609 | 12 | .041 | 63 | 1119 | 51580000 |
| | FLOAT.FUEL | AIR | 90.984 | 168.63 | 29 | .095 | 62 | 1093 | 51582000 |
| | GROUND-IDLE.LOW-SPEED. ENGINE-CONTROLS | AIR | 92.0243 | 187.195 | | .815 | 61 | 1083 | 51584000 |
| | | AIR | 96.3172 | 121.143 | 488 | .353 | 63 | 1114 | 51586000 |
| | INTERCON.AN/AIC-10.PILOT/COPILOT | AIR | 96.5089 | 134.125 | 284 | .176 | 63 | 1114 | 51588000 |
| | GROUND-IDLE.LOW-SPEED. ENGINE-CONTROLS | AIR | 96.7741 | 169.872 | 272 | .062 | 63 | 1114 | 51590000 |
| | CONTROL.WHEEL.INTERCON.AN/AIC-18 | AIR | 97.2526 | 157.971 | 152 | .08226 | 66 | 1250 | 51592000 |
| | POSITION.LANDING-GEAR.NOSE | AIR | 97.2526 | 194.348 | 76 | .74113 | 66 | 1250 | 51594000 |
| | SAFETY.ARTIFICIAL-FEEL. STABILIZER.HORIZONTAL | AIR | 109.638 | 133.281 | 946 | .22854 | 65 | 1228 | 51596000 |
| | TOUCHDOWN.LANDING-GEAR.MAIN | AIR | 103.343 | 143.502 | 304 | .1645 | 66 | 1250 | 51598000A |
| | RADIO-ALTIMETER-SUBSYSTEM | AIR | 117.481 | 217.92 | 8 | .04256 | 62 | 2322 | 51600000 |
| | INTERCOM.AN/AIC-10.PILOT/COPILOT | AIR | 118.193 | 150.953 | 100 | .25382 | 65 | 1198 | 51602000 |
| | FORCE-ASSEMBLY. AUTOMATIC-FLIGHT-CONTROL-SYSTEM | SUB GRD AIR | 120.25 | 223.856 | 195 | .04158 | 64 | 1181 | 51604000A |
| | FUEL-LEVEL | AIR | 120.734 | 146.988 | | .381 | 63 | 2120 | 51606000 |
| | CONTROL.RADAR-PRESS.AN/ASQ-70 | AIR | 121.965 | 225.497 | 76 | .04113 | 66 | 1250 | 51608000A |
| | MICROPHONE.THROTTLE-QUADRANT.AN/AIC-18 | AIR | 123.587 | 138.797 | 1194 | 1.8357 | 67 | 1272 | 51610000A |
| | FIRST-MOTION.ELECTRICAL-DISTRIBUTION | GRD | 126.582 | 492.367 | | .0079 | 62 | 1135 | 51612000 |
| | TOUCHDOWN.LANDING-GEAR.MAIN | AIR | 135.645 | 179.601 | 100 | .16956 | 63 | 1198 | 51614000 |
| | FLOAT.LOW-LEVEL | AIR | 140.939 | 189.154 | 100 | .149 | 63 | 1114 | 51616000 |
| | FLOW | AIR | 146.666 | 221.308 | 790 | .075 | 61 | 1080 | 51618000A |
| | LIGHT.TAXI-AND-LANDING | AIR | 148 | | | | 57 | 211 | 51620000 |
| | ELEVON-TRIM | AIR | 150 | 263.382 | 380 | .04 | 61 | 1080 | 51622000 |
| | SAFETY.ARTIFICIAL-FEEL.STABILIZER-HORIZONTAL | AIR | 150 | 263.382 | 380 | .04 | 61 | 1080 | 51624000 |
| | INTERCON.AN/AIC-18A.ENGINEER/ NAVIGATOR | AIR | 154.484 | 171.343 | 1194 | 1.8357 | 67 | 1272 | 51626000A |
| | INTERCON.AN/AIC-18A.ENGINEER/ NAVIGATOR | AIR | 154.679 | 193.254 | 200 | .33274 | 65 | 1198 | 51628000 |
| | CONTROL.WHEEL.INTERCON.AN/AIC-18 | AIR | 161.29 | 299.183 | 136 | .031 | 63 | 1114 | 51630000 |
| | IFF-SYSTEM.AN/APX-25.SA/498 | AIR | 161.812 | 362.837 | 96 | .04944 | 63 | 1227 | 51632000 |
| | INTERCON.AN/AIC-10.ENGINEER/ NAVIGATOR | AIR | 163.272 | 222.587 | 180 | .11837 | 65 | 1198 | 51634000 |
| | | AIR | 164.772 | 211.355 | 204 | .176 | 63 | 1114 | 51636000 |

PART CLASS 791 SWITCHES, ELECTRICAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| | UP-INDICATING,LANDING-GEAR | AIR | 166.666 | 333.284 | 62 | .024 | 63 | 1111 | 51638000 |
| | LOCK,WARNING-AND-INDICATING, LANDING-GEAR | AIR | 166.666 | 443.529 | 31 | .012 | 63 | 1111 | 51640000 |
| | CAMERA-DOOR | AIR | 166.666 | 443.529 | 31 | .012 | 63 | 1111 | 51642000 |
| | FLIGHT-DIR-SYSTEM,AIR-FORCE-STD | AIR | 166.666 | 648.283 | 68 | .006 | 63 | 1114 | 51644000 |
| | GUN-TURRET,FIRE-CONTROL-SYSTEM | AIR | 167.504 | 445.753 | 31 | .01194 | 63 | 1111 | 51646000 |
| | DOOR,GAS-TURBINE-COMPRESSOR, AUXILIARY-POWER-PLANT | AIR | 176.928 | 225.967 | 100 | .16956 | 63 | 1198 | 51648000 |
| | A/B,THROTTLE-CONTROL | AIR | 180.554 | 198.679 | 1194 | 1.0357 | 67 | 1272 | 51650000 |
| | FUEL-FLOW,LH | MELT | 185.185 | 320.314 | 20 | .0054 | 66 | 1247 | 51652000 |
| | COMMAND-SUB-SYSTEM-RADAR-SET-AN/ARC-57 | AIR | 185.993 | 246.266 | 13 | .12366 | 62 | 2321 | 51654000 |
| | DOOR,GAS-TURBINE-COMPRESSOR, AUXILIARY-POWER-PLANT | AIR | 187.919 | 242.147 | 100 | .149 | 63 | 1114 | 51656000 |
| | MICROPHONE,HAND,INTERPHONE,AIC-ICA | AIR | 223.401 | 362.879 | 93 | .03581 | 63 | 1111 | 51658000 |
| | FLOW,PYLON-TANK,DISTRIBUTION, FUEL-SYSTEM | AIR | 230.007 | 284.76 | 130 | .16956 | 64 | 1198 | 51660000 |
| | TOUCHDOWN,LANDING-GEAR,MAIN | AIR | 232.605 | 307.982 | 193 | .09888 | 65 | 1227 | 51662000 |
| | INTERCOM,AN/AIC-10,ENGINEER/NAVIGATOR | AIR | 236.387 | 280.509 | 120 | .25382 | 65 | 1198 | 51664000 |
| | EXTERNAL-POWER,AC-POWER-SUPPLY | AIR | 240.611 | 318.045 | 100 | .11637 | 65 | 1198 | 51666000 |
| | FLOW,PYLON-TANK,DISTRIBUTION, FUEL-SYSTEM | AIR | 241.61 | 301.866 | 100 | .149 | 63 | 1114 | 51668000 |
| | LOCK,LANDING-GEAR | AIR | 250 | 370.448 | 124 | .048 | 63 | 1111 | 51670000 |
| | | AIR | 260.869 | 386.555 | 14 | .048 | 62 | 1093 | 51672000 |
| | SAFETY,ARTIFICIAL-FEEL, STABILIZER,HORIZONTAL | AIR | 273.769 | 331.721 | 812 | .17532 | 64 | 1179 | 51674000 |
| | FLOAT,FUEL | AIR | 285.714 | 760.328 | | .007 | 61 | 1082 | 51676000 |
| | TRIM,CONTROL-STICK,AILERON-SYSTEM | AIR | 306.293 | 383.928 | 473 | .11427 | 65 | 1228 | 51678000 |
| | TRIM,CONTROL-STICK,AILERON-SYSTEM | AIR | 308.008 | 398.805 | 406 | .08746 | 64 | 1179 | 51680000 |
| | | GRD | 323.624 | 861.213 | | .00418 | 64 | 1198 | 51682000 |
| | FIRE-CONTROL-SYSTEM | AIR | 335.008 | 669.476 | 31 | .01194 | 63 | 1111 | 51684000 |
| | TRIM,CONTROL-STICK,AILERON-SYSTEM | AIR | 341.771 | 377.103 | 597 | .51789 | 67 | 1272 | 51686000 |
| | IFF-SYSTEM,AN/APX-25,SA/498 | AIR | 352.272 | 445.066 | 102 | .066 | 63 | 1114 | 51688000 |
| | WARNING,PUMP-PRESSURE, NO-2-HYDRAULIC-SYSTEM | AIR | 352.54 | 452.206 | 157 | .08224 | 66 | 1198 | 51690000 |
| | CONTROL,FUEL-PUMP | AIR | 354.184 | 491.793 | | .048 | 59 | 1078 | 51692000 |
| | IFF-SYSTEM,AN/APX-25,SA/498 | AIR | 362.461 | 441.856 | 50 | .12691 | 65 | 1198 | 51694000 |
| | INTERCOM,AN/AIC-10,PILOT/COPILOT | AIR | 371.549 | 439.033 | 100 | .16956 | 63 | 1198 | 51696000 |
| | CONTROL,MANUAL,WHEEL | AIR | 375 | 591.916 | 62 | .024 | 63 | 1111 | 51698000 |
| | INTERCOM,AN/AIC-10,PILOT/COPILOT | AIR | 395.973 | 470.58 | 100 | .199 | 63 | 1114 | 51700000 |
| | FUEL-TRANSFER,LO-LEVEL-WARN,FLOAT | AIR | 459.418 | 725.165 | 129 | .01959 | 66 | 1240 | 51702000A |
| | MACHINE-PRESSURE,OIL-COOLER-DOOR | AIR | 478.182 | 579.373 | | .00838 | 63 | 1123 | 51704000 |
| | FLOAT | AIR | 517.462 | 603.43 | | .143 | 59 | 1070 | 51706000 |
| | IGNITION,AFTERBURNER, PRESSURE-DIFF | AIR | 535.987 | 901.294 | 86 | .01306 | 66 | 1240 | 51708000A |

PART CLASS 791 SWITCHES, ELECTRICAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART PROPA-LATION | PART HOURS | NR OF PART | DATA SOURCE | CHARGE NUMBER |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| | INTERCOM.STEERING-WHEEL.AN/AIC-18 | AIR | 566.343 | 814.239 | 48 | .02472 | 65 | 1227 | 51710000 |
| | DIFFER.PRESSURE | | 603.14C | | | | 63 | 2291 | 51712000 |
| | | GRD | 668.181 | 948.436 | 1000 | .02249 | 63 | 1199 | 51714000 |
| | CONTROL.LIGHTING-SYSTEM | AIR | 866.666 | 1263.86 | 68 | .015 | 63 | 1114 | 51716000 |
| | | GRD | 1000 | 1257.75 | | .034 | 62 | 1072 | 51718000 |
| | | GRD | 1160 | | | | 61 | 2MS | 51720000 |
| | INTERCOM.STEERING-WHEEL.AN/AIC-18 | AIR | 1191.34 | 1440.53 | 76 | .04113 | 64 | 1250 | 51722000 |
| | | | 2064.33 | 2230.65 | | .13709 | 62 | 2MS | 51724000 |
| | CONTROL-PRESSURE.FUEL | GRD | 2439.02C | 6490.6C | | .00082C | 66 | 2MS | 51726000 |
| | SKID | AIR | 3030.3 | 8664.09 | 6 | .00066 | 62 | 1157 | 51728000 |
| | LOCK.MASTER.PANEL.MONITOR-CONTROL | AIR | 3076.92 | 4231.84 | | .00585 | 66 | 1241 | 51730000 |
| | ANALOG-SIGNAL-SAMPLING.COMPUTER | AIR | 6741.57 | 9272.02 | 36 | .00267 | 66 | 1256 | 51732000A |
| | CONTROL-PRESSURE.LIQUID-OXYGEN | GRD | 14960.6C | 20399.7C | | .00127C | 66 | 2MS | 51734000 |
| A/B | THROTTLE-CONTROL | AIR | 131.188 | 173.701 | 812 | .17532 | 64 | 1179 | 51736000 |
| ABSOLUTE-PRESSURE | | GRD | 33333.3C | 48610.1C | | .00039C | 66 | 2MS | 51738000 |
| ACCELERATION.TIMER | (STORAGE) | MSL | 10 | | | | 65 | 2440 | 51740000 |
| ACCELERATION-TIMER | (STORAGE) | | 10 | | | | 66 | 2MI | 51742000 |
| ACTUATING | FAILED-CABLE.WING-FLAP-SYSTEM | AIR | • | 55.9824 | 76 | .04113 | 66 | 1250 | 51744000 |
| ACTUATING.FAILED-CABLE | WING-FLAP-SYSTEM | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 51746000 |
| ACTUATOR | INSTRUCTOR-SEAT | AIR | 17.5024 | 46.5765 | 473 | .11427 | 65 | 1228 | 51748000 |
| ACTUATOR | INSTRUCTOR-SEAT | AIR | 25.1018 | 36.6061 | 597 | .51789 | 67 | 1272 | 51750000 |
| ACTUATOR | STUDENT-SEAT | AIR | 32.8255 | 45.5813 | 597 | .51789 | 67 | 1272 | 51752000 |
| ACTUATOR | STUDENT-SEAT | AIR | 34.2231 | 76.2126 | 406 | .00766 | 64 | 1179 | 51754000 |
| ACTUATOR | STUDENT-SEAT | AIR | 52.5072 | 92.1685 | 473 | .11427 | 65 | 1228 | 51756000 |
| ACTUATOR | INSTRUCTOR-SEAT | AIR | 57.0385 | 105.803 | 406 | .00766 | 64 | 1179 | 51758000 |
| AIRSPEED | | AIR | • | 815.668 | 41 | .00374 | 63 | 1132 | 51760000 |
| AIRSPEED | POWER-SUPPLY-SYSTEM | AIR | 75.2303 | 150.339 | | .05317 | 66 | 1241 | 51762000A |
| AIRSPEED | POWER-SUPPLY-SYSTEM | AIR | 75.2303 | 150.339 | | .05317 | 65 | 1188 | 51764000 |
| ALTERNATE-ACTION | | LAB | • | 1.87814C | 6 | 1.226C | 62 | 1274 | 51766000A |
| ALTERNATE-ACTION | | LAB | 2.44698C | 5.44926C | 6 | 1.226C | 62 | 1274 | 51768000A |
| ALTERNATE-ACTION | | LAB | 10.3734C | 18.209C | 6 | .5784C | 62 | 1274 | 51770000A |
| ALTERNATE-ACTION | | LAB | 16.7785C | 29.4521C | 6 | .3574C | 62 | 1274 | 51772000A |
| ALTERNATE-ACTION | | LAB | 17.8412C | 31.3175C | 6 | .3363C | 62 | 1274 | 51774000A |
| ALTITUDE | RADIO.ARN21B | AIR | • | 192.847 | 31 | .01194 | 63 | 1111 | 51776000 |
| ALTITUDE | AIR-CONDITIONING | AIR | 42.3011 | 74.2533 | | .14184 | 66 | 1241 | 51778000 |
| ALTITUDE-PRESSURE | AIR-CONDITIONING.727 | AIR | 190P | | | | 66 | 2360 | 51780000 |
| ALTITUDE-PRESSURE | AIR-CONDITIONING.331C/373C | AIR | 510P | | | | 66 | 2365 | 51782000 |
| ANCHOR-ARMS-STOWED | DOOR-HYDRAULIC.AFT-CARGO | AIR | 12.8899 | 28.7049 | 200 | .23274 | 65 | 1198 | 51784000 |
| ANCHOR-ARMS-STOWED | DOOR-HYDRAULIC.AFT-CARGO | AIR | 15.7598 | 31.4942 | 100 | .25381 | 65 | 1198 | 51786000 |
| ANCHOR-ARMS-STOWED | DOOR-HYDRAULIC.AFT-CARGO | AIR | 22.7272 | 45.4178 | 204 | .176 | 63 | 1114 | 51788000 |
| ANCHOR-ARMS-STOWED | DOOR-HYDRAULIC.AFT-CARGO | AIR | 41.2833 | 69.4202 | 100 | .16956 | 63 | 1198 | 51790000 |
| ANCHOR-ARMS-STOWED | DOOR-HYDRAULIC | AIR | 46.9798 | 78.9993 | 100 | .149 | 63 | 1114 | 51792000 |
| ANCHOR-ARMS-STOWED | DOOR-HYDRAULIC.AFT-CARGO | AIR | 64.5161 | 171.687 | 136 | .036 | 63 | 1114 | 51794000 |
| APU-OIL-PR | AIRBORNE-AUXILIARY-POWER.727 | AIR | 200P | | | | 66 | 2365 | 51796000 |
| APU-OIL-PR | AIRBORNE-AUXILIARY-POWER.727 | AIR | 370P | | | | 66 | 2360 | 51798000 |

PART CLASS 791 SWITCHES, ELECTRICAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| ARM-SELECTOR | | AIR | 127.272 | 214.016 | 320 | .055 | 61 | 1080 | 51800000 |
| ARMING | ALL-DOORS | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 51802000 |
| ARMING | ALL-DOORS | AIR | 24.3131 | 94.5706 | 76 | .04113 | 66 | 1250 | 51804000 |
| ASSEMBLY.LIMIT | | GRD | 1694.98C | 6592.71C | | .00059C | 66 | 2MS | 51806000 |
| BLADE | NEGATIVE-TORQUE-CONTROL. REDUCTION-GEAR | AIR | 159.735 | 190.765 | 200 | .33912 | 63 | 1198 | 51808000 |
| BLADE | NEGATIVE-TORQUE-CONTROL. REDUCTION-GEAR | AIR | 170.568 | 205.448 | 200 | .299 | 63 | 1114 | 51810000 |
| BULB.RELEASE | | AIR | 213.1 | | | | 57 | 2L1 | 51812000 |
| BUTTON | DISCHARGE.FIRE-EXTINGUISHING-SYSTEM | AIR | 2.35904 | 9.17598 | 250 | .4239 | 63 | 1198 | 51814000 |
| BUTTON | DISCHARGE.FIRE-EXTINGUISHING-SYSTEM | AIR | 2.66666 | 10.3725 | 250 | .375 | 63 | 1114 | 51816000 |
| BUTTON | DISCHARGE.FIRE-EXTINGUISHING-SYSTEM | AIR | 8.59328 | 33.4252 | 100 | .11637 | 65 | 1198 | 51818000 |
| BUTTON | DISCHARGE.FIRE-EXTINGUISHING-SYSTEM | AIR | 15.7991 | 61.9375 | 50 | .12691 | 65 | 1198 | 51820000 |
| BUTTON | DISENGAGE.AUTOPILOT.MA-2 | AIR | 41.8935 | 162.953 | 62 | .02387 | 63 | 1111 | 51822000 |
| BUTTON | DISCHARGE.FIRE-EXTINGUISHING-SYSTEM | AIR | 66.6666 | 259.313 | 68 | .015 | 63 | 1114 | 51824000 |
| BYPASS | FILTER.FUEL-SYSTEM | AIR | 60.6796 | 106.513 | 192 | .09888 | 65 | 1227 | 51826000 |
| CABIN-ROC | AIR-CONDITIONING.727 | AIR | 180P | | | | 66 | 2360 | 51828000 |
| CAM | | AIR GND | * | 8.71312 | | .343 | 58 | 2L2 | 51830000 |
| CAM | (PER-CONTACT-SET) | LAB | .075 | | | | 63 | 1138 | 51832000 |
| CAM | | AIR | 48.2 | | | | 57 | 2L1 | 51834000 |
| CENTERING | LANDING-GEAR | AIR | 83.3333 | 324.141 | 31 | .012 | 63 | 1111 | 51836000 |
| CENTRIFUGAL | AUXILIARY-POWER-UNIT | AIR | 48.6263 | 129.401 | 76 | .04113 | 66 | 1250 | 51838000A |
| CENTRIFUGAL | GAS-TURBINE-COMPRESSOR. AUXILIARY-POWER-PLANT | AIR | 66.6666 | 259.313 | 68 | .015 | 63 | 1114 | 51840000 |
| CENTRIFUGAL | GAS-TURBINE-COMPRESSOR. AUXILIARY-POWER-PLANT | AIR | 77.3395 | 122.076 | 100 | .11637 | 65 | 1198 | 51842000 |
| CENTRIFUGAL | GAS-TURBINE-COMPRESSOR. AUXILIARY-POWER-PLANT | AIR | 82.5666 | 138.84 | 50 | .08478 | 63 | 1198 | 51844000 |
| CENTRIFUGAL | GAS-TURBINE-COMPRESSOR. AUXILIARY-POWER-PLANT | AIR | 93.3333 | 156.945 | 50 | .075 | 63 | 1114 | 51846000 |
| CENTRIFUGAL | GAS-TURBINE-COMPRESSOR. AUXILIARY-POWER-PLANT | AIR | 102.272 | 161.431 | 102 | .088 | 63 | 1114 | 51848000 |
| CENTRIFUGAL | GAS-TURBINE-COMPRESSOR. AUXILIARY-POWER-PLANT | AIR | 149.712 | 204.101 | 50 | .12691 | 65 | 1198 | 51850000 |
| CENTRIFUGAL | AUXILIARY-POWER-UNIT | AIR | 202.265 | 375.19 | 48 | .02472 | 65 | 1227 | 51852000 |
| CENTRIFUGAL-ACTUATION | | AIR | .06P | | | | 65 | 2590 | 51854000 |
| CENTRIFUGAL-ACTUATION | | AIR | .61P | | | | 65 | 2590 | 51856000 |
| CENTRIFUGAL-ACTUATION | | AIR | .62 | | | | 65 | 2590 | 51858000 |
| CENTRIFUGAL-ACTUATION | | AIR | .72P | | | | 65 | 2590 | 51860000 |
| CENTRIFUGAL-ACTUATION | | AIR | 1.44 | | | | 65 | 2590 | 51862000 |
| CENTRIFUGAL-ACTUATION. CUTOUT | | AIR | .12P | | | | 65 | 2590 | 51864000 |
| CENTRIFUGAL-ACTUATION. SPEED-SENSING | | AIR | .54P | | | | 65 | 2590 | 51866000 |
| CENTRIFUGAL-ACTUATION. SPEED-SENSING | | AIR | .68P | | | | 65 | 2590 | 51868000 |

PART CLASS 791 SWITCHES, ELECTRICAL

| PART DESCRIPTION .00 N.O.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| COAXIAL.AUTOMAT'C | | GRD | 6.5 | | | | 63 | 1098 | 51870000 |
| COMMUTATOR | | AIR GMD | * | 4.92377 | | .509 | 58 | 262 | 51872000 |
| COMMUTATOR | | AIR | 6.1 | | | | 57 | 261 | 51874000 |
| CONTACT-BRIDGE | | SIN AIR | 222.222 | 292.44 | 487 | .108 | 63 | 1108 | 51876000 |
| CONTROL | F-111 | AIR | 2643.17 | 4639.69 | | .00227 | 62 | 2700 | 51878000 |
| CUTOUT | TRIM.STABILIZER-CONTROL | AIR | * | 152.247 | 31 | .01194 | 63 | 1111 | 51880000 |
| CUTOUT.CENTRIFUGAL | REDUCTION-GEAR-SYSTEM | AIR | * | 4.94472 | 400 | .46548 | 65 | 1198 | 51882000 |
| CUTOUT.CENTRIFUGAL | REDUCTION-GEAR-SYSTEM | AIR | 11.0196 | 20.7475 | 200 | .50763 | 65 | 1198 | 51884000 |
| CUTOUT.CENTRIFUGAL | REDUCTION-GEAR-SYSTEM | AIR | 16.9971 | 29.8359 | 408 | .353 | 63 | 1114 | 51886000 |
| CUTOUT.CENTRIFUGAL | REDUCTION-GEAR-SYSTEM | AIR | 43.5451 | 86.6306 | 200 | .299 | 63 | 1114 | 51888000 |
| CUTOUT.CENTRIFUGAL | REDUCTION-GEAR-SYSTEM | AIR | 67.8226 | 85.8009 | 200 | .33912 | 63 | 1198 | 51890000 |
| CYCLING | HEATER.AIR-CONDITIONING-SYSTEM | AIR | 2.08689 | 12.0071 | 189 | .32395 | 65 | 1155 | 51892000 |
| DIFFERENTIAL-PRESSURE | AIR-CONDITIONING.707-131 | AIR | 110P | | | | 66 | 2362 | 51894000 |
| DIFFERENTIAL-PRESSURE | AIR-CONDITIONING.707-131 | AIR | 230P | | | | 66 | 2362 | 51896000 |
| DIFFERENTIAL-PRESSURE | AIR-CONDITIONING.707-331 | AIR | 310P | | | | 66 | 2362 | 51898000 |
| DIFFERENTIAL-PRESSURE | AIR-CONDITIONING.707-131 | AIR | 110P | | | | 66 | 2361 | 51900000 |
| DIFFERENTIAL-PRESSURE | AIR-CONDITIONING.707-131 | AIR | 230P | | | | 66 | 2361 | 51902000 |
| DIFFERENTIAL-PRESSURE | AIR-CONDITIONING.707-131 | AIR | 260P | | | | 65 | 2301 | 51904000 |
| DIFFERENTIAL-PRESSURE | AIR-CONDITIONING.707-331 | AIR | 310P | | | | 65 | 2364 | 51906000 |
| DIFFERENTIAL-PRESSURE | AIR-CONDITIONING.707-331 | AIR | 460P | | | | 65 | 2364 | 51908000 |
| DUAL-LEVEL-FLOAT-VALVE-TEST | | AIR | 40.5405 | 90.281 | | .074 | 59 | 1070 | 51910000 |
| ELECTROLYTIC | | SIN AIR | * | 138.961 | 16 | .01657 | 64 | 1150 | 51912000A |
| ELECTROLYTIC | | SIN AIR | * | 1101.72 | 4 | .00209 | 64 | 1151 | 51914000A |
| ELECTROLYTIC | | AIR | 10.1363 | 26.9743 | | .19731 | 65 | 262 | 51916000 |
| ELECTROLYTIC | | AIR | 10.1522 | 27.0167 | 1066 | .197 | 66 | 1253 | 51918000A |
| ELECTROLYTIC | | AIR GND | 15.0375 | 30.0509 | | .266 | 61 | 1087 | 51920000 |
| ELECTROLYTIC | | AIR GND | 19.8019 | 52.696 | | .101 | 62 | 1087 | 51922000 |
| ELECTROLYTIC | | AIR GND | 35.7142 | 71.3709 | | .112 | 62 | 1087 | 51924000 |
| EXPLOSIVE | | | .00969 | .029788 | | 206.39 | 66 | 252 | 51926000A |
| EXPLOSIVE | | GRD | 3 | | | | 63 | 1098 | 51928000 |
| EXPLOSIVE.SPST | | LAB | 122.448A | 272.685A | | .0245A | 62 | 1136 | 51930000 |
| EXPLOSIVE.SPST | | LAB | 1428.57A | 3801.64A | | .0014A | 62 | 1136 | 51932000 |
| FLAP.ASYMMETRY | FLIGHT-CONTROLS.880 | AIR | 150P | | | | 65 | 2365 | 51934000 |
| FLAP.ASYMMETRY | FLIGHT-CONTROLS.880 | AIR | 320P | | | | 65 | 2365 | 51936000 |
| FLAP-ASYMMETRY | FLIGHT-CONTROLS.880 | AIR | 150P | | | | 66 | 2360 | 51938000 |
| FLAP-ASYMMETRY | FLIGHT-CONTROLS.880 | AIR | 240P | | | | 65 | 2360 | 51940000 |
| FLAP-ASYMMETRY | FLIGHT-CONTROL.880 | AIR | 540P | | | | 65 | 2363 | 51942000 |
| FLAP-ASYMMETRY | FLIGHT-CONTROL.880 | AIR | 1090P | | | | 66 | 2363 | 51944000 |
| FLAP-ASYMMETRY | FLIGHT-CONTROL.880 | AIR | 1360P | | | | 66 | 2363 | 51946000 |
| FLIGHT-DIRECTOR-ALT-CONTROL | NAVIGATION.707-131B | AIR | 70P | | | | 66 | 2362 | 51948000 |
| FLIGHT-DIRECTOR-ALT-CONTROL | NAVIGATION-707-131B | AIR | 70P | | | | 65 | 2364 | 51950000 |
| FLIGHT-DIRECTOR-ALT-CONTROL | NAVIGATION-707-331B | AIR | 190P | | | | 66 | 2364 | 51952000 |
| FLIGHT-DIRECTOR-ALT CONTROL | NAVIGATION-707-131B | AIR | 200P | | | | 66 | 2364 | 51954000 |
| FLIGHT-DIRECTOR-ALT-CONTROL | NAVIGATION.707-131 | AIR | 230P | | | | 66 | 2362 | 51956000 |
| FLIGHT-DIRECTOR-ALT-CONTROL | NAVIGATION.707-331B | AIR | 240P | | | | 66 | 2362 | 51958000 |

PART CLASS 791 SWITCHES, ELECTRICAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .OC N.O.C. | | | | | | | | | |
| FLIGHT-DIRECTOR-ALT-CONTROL | NAVIGATION.707-331 | AIR | 310P | | | | 66 | 2362 | 51960000 |
| FLIGHT-DIRECTOR-ALT-CONTROL | NAVIGATION-707-331 | AIR | 310P | | | | 65 | 2364 | 51962000 |
| FLIGHT-DIRECTOR-ALT-CONTROL | NAVIGATION-707-131B | AIR | 330P | | | | 66 | 2364 | 51964000 |
| FLIGHT-DIRECTOR-ALT-CONTROL | NAVIGATION-707-331 | AIR | 340P | | | | 66 | 2364 | 51966000 |
| FLIGHT-DIRECTOR-ALT-CONTROL | NAVIGATION-707-131 | AIR | 550P | | | | 65 | 2364 | 51968000 |
| FLIGHT-DIRECTOR-FUNCTION | NAVIGATION.880 | AIR | 160P | | | | 65 | 2365 | 51970000 |
| FLIGHT-DIRECTOR-FUNCTION | NAVIGATION.880 | AIR | 170P | | | | 66 | 2363 | 51972000 |
| FLIGHT-DIRECTOR-FUNCTION | NAVIGATION.880 | AIR | 180P | | | | 65 | 2363 | 51974000 |
| FLIGHT-DIRECTOR-FUNCTION | NAVIGATION-707-131 | AIR | 230P | | | | 66 | 2364 | 51976000 |
| FLIGHT-DIRECTOR-FUNCTION | NAVIGATION.707-131 | AIR | 230P | | | | 66 | 2362 | 51978000 |
| FLOW | | SHP | 67.7966 | 135.483 | 28 | .059 | 65 | 1248 | 51980000 |
| FOOT | | GRD | * | 4.26304 | 75 | .54013 | 64 | 1210 | 51982000 |
| FUEL-DE-ICER | ENGINE-FUEL-AND-CONTROL.707-331 | AIR | 160P | | | | 66 | 2361 | 51984000 |
| FUEL-DE-ICER | ENGINE-FUEL-AND-CONTROL.707-331 | AIR | 170P | | | | 66 | 2364 | 51986000 |
| FUEL-FEED-PRESSURE | FUEL.707-131B | AIR | 10P | | | | 66 | 2364 | 51988000 |
| FUEL-FEED-PRESSURE | FUEL.707-131B | AIR | 10P | | | | 66 | 2364 | 51990000 |
| FUEL-FEED-PRESSURE | FUEL.707-131B | AIR | 10P | | | | 65 | 2364 | 51992000 |
| FUEL-FEED-PRESSURE | FUEL.707-331B | AIR | 20P | | | | 66 | 2364 | 51994000 |
| FUEL-FEED-PRESSURE | FUEL.707-331B | AIR | 20P | | | | 66 | 2364 | 51996000 |
| FUEL-FEED-PRESSURE | FUEL.727 | AIR | 40P | | | | 65 | 2365 | 51998000 |
| FUEL-FEED-PRESSURE | FUEL.707-131 | AIR | 40P | | | | 66 | 2364 | 52000000 |
| FUEL-FEED-PRESSURE | FUEL.2330/3330 | AIR | 50P | | | | 66 | 2365 | 52002000 |
| FUEL-FEED-PRESSURE | FUEL.707-131 | AIR | 50P | | | | 66 | 2364 | 52004000 |
| FUEL-LEVEL-LOW-LIMIT | | AIR | 99.3048 | 113.281 | | 1.007 | 63 | 2111 | 52006000 |
| FUEL-PRESSURE | FUEL.707-131 | AIR | 30P | | | | 66 | 2364 | 52008000 |
| FUEL-PRESSURE | | AIR | 40.8542 | 49.9373 | | 1.077 | 63 | 2111 | 52010000 |
| FUEL-PRESSURE | FUEL.707-331 | AIR | 80P | | | | 66 | 2364 | 52012000 |
| GAIN.DECREASE | P-A-SYSTEM.AN/AIC-13 | AIR | * | 18.6596 | 228 | .1234 | 66 | 1250 | 52014000 |
| GAIN.INCREASE | P-A-SYSTEM.AN/AIC-13 | AIR | * | 18.6596 | 228 | .1234 | 66 | 1250 | 52016000 |
| GALLEY.WATER-PRESSURE | EQUIPMENT/FURNISHINGS.707-331B | AIR | 100P | | | | 66 | 2361 | 52018000 |
| GALLEY.WATER-PRESSURE | EQUIPMENT/FURNISHINGS.707-331 | AIR | 140P | | | | 66 | 2361 | 52020000 |
| GALLEY.WATER-PRESSURE | EQUIPMENT/FURNISHINGS.707-131B | AIR | 150P | | | | 66 | 2361 | 52022000 |
| GALLEY.WATER-PRESSURE | EQUIPMENT/FURNISHINGS.707-331B | AIR | 170P | | | | 65 | 2361 | 52024000 |
| GALLEY.WATER-PRESSURE | EQUIPMENT/FURNISHINGS.707-131 | AIR | 170P | | | | 66 | 2361 | 52026000 |
| GALLEY.WATER-PRESSURE | EQUIPMENT/FURNISHINGS.707-331B | AIR | 180P | | | | 66 | 2361 | 52028000 |
| GALLEY.WATER-PRESSURE | EQUIPMENT/FURNISHINGS.707-131 | AIR | 260P | | | | 65 | 2361 | 52030000 |
| GALLEY.WATER-PRESSURE | EQUIPMENT/FURNISHINGS.707-131B | AIR | 370P | | | | 66 | 2361 | 52032000 |
| GALLEY.WATER-PRESSURE | EQUIPMENT/FURNISHINGS.707-131B | AIR | 400 | | | | 65 | 2361 | 52034000 |
| GALLEY.WATER-PRESSURE | EQUIPMENT/FURNISHINGS.707-331 | AIR | 530P | | | | 66 | 2361 | 52036000 |
| GALLEY-WATER-PRESSURE | EQUIPMENT/FURNISHINGS.707-131B | AIR | 30P | | | | 66 | 2362 | 52038000 |
| GALLEY-WATER-PRESSURE | EQUIPMENT/FURNISHINGS.707-131 | AIR | 60P | | | | 66 | 2364 | 52040000 |
| GALLEY-WATER-PRESSURE | EQUIPMENT/FURNISHINGS.707-131 | AIR | 60P | | | | 66 | 2364 | 52042000 |
| GALLEY-WATER-PRESSURE | EQUIPMENT/FURNISHINGS.707-131B | AIR | 100P | | | | 66 | 2364 | 52044000 |
| GALLEY-WATER-PRESSURE | EQUIPMENT/FURNISHINGS.707-131 | AIR | 110P | | | | 66 | 2362 | 52046000 |
| GALLEY-WATER-PRESSURE | EQUIPMENT/FURNISHINGS.707-131B | AIR | 150P | | | | 66 | 2362 | 52048000 |

PART CLASS 791 SWITCHES, ELECTRICAL

| PART DESCRIPTION .00 N.O.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| GALLEY-WATER-PRESSURE | EQUIPMENT/FURNISHINGS.707-331 | AIR | 170P | | | | 66 | 2362 | 52050000 |
| GALLEY-WATER-PRESSURE | EQUIPMENT/FURNISHINGS.707-3318 | AIR | 180P | | | | 66 | 2362 | 52052000 |
| GALLEY-WATER-PRESSURE | EQUIPMENT/FURNISHINGS.707-131 | AIR | 200P | | | | 65 | 2364 | 52054000 |
| GALLEY-WATER-PRESSURE | EQUIPMENT/FURNISHINGS.707-1318 | AIR | 230P | | | | 66 | 2364 | 52056000 |
| GALLEY-WATER-PRESSURE | EQUIPMENT/FURNISHINGS.707-331 | AIR | 230P | | | | 66 | 2364 | 52058000 |
| GALLEY-WATER-PRESSURE | EQUIPMENT/FURNISHINGS.707-1318 | AIR | 260P | | | | 65 | 2364 | 52060000 |
| GALLEY-WATER-PRESSURE | EQUIPMENT/FURNISHINGS.707-3318 | AIR | 280P | | | | 65 | 2362 | 52062000 |
| GALLEY-WATER-PRESSURE | EQUIPMENT/FURNISHINGS.707-131 | AIR | 300P | | | | 66 | 2364 | 52064000 |
| GALLEY-WATER-PRESSURE | EQUIPMENT/FURNISHINGS.707-331 | AIR | 300P | | | | 65 | 2362 | 52066000 |
| GALLEY-WATER-PRESSURE | EQUIPMENT/FURNISHINGS.707-131 | AIR | 310P | | | | 66 | 2362 | 52068000 |
| GALLEY-WATER-PRESSURE | EQUIPMENT/FURNISHINGS.707-3318 | AIR | 310P | | | | 66 | 2362 | 52070000 |
| GALLEY-WATER-PRESSURE | EQUIPMENT/FURNISHINGS.707-331 | AIR | 340P | | | | 66 | 2364 | 52072000 |
| GALLEY-WATER-PRESSURE | EQUIPMENT/FURNISHINGS.707-3318 | AIR | 340P | | | | 66 | 2364 | 52074000 |
| GALLEY-WATER-PRESSURE | EQUIPMENT/FURNISHINGS.707-331 | AIR | 360P | | | | 66 | 2362 | 52076000 |
| GALLEY-WATER-PRESSURE | EQUIPMENT/FURNISHINGS.707-331 | AIR | 390P | | | | 65 | 2364 | 52078000 |
| GALLEY-WATER-PRESSURE | EQUIPMENT/FURNISHINGS.707-3318 | AIR | 510P | | | | 65 | 2362 | 52080000 |
| GALLEY-WATER-PRESSURE | EQUIPMENT/FURNISHINGS.707-3318 | AIR | 630P | | | | 65 | 2364 | 52082000 |
| GAP | (25C.REV=1.ICPR) | AIR | 1190P | | | | 65 | 2362 | 52084000 |
| GENERAL | BOMB-NAVIGATION | LAB | 19.8019C | 52.690C | 405 | .101C | 65 | 1200 | 52084000A |
| GENERAL | DIGITAL | AIR | * | 5.9041 | | .390 | 58 | 2001 | 52086000 |
| GENERAL | COMPUTER | GRD | * | 5.94987 | | .387 | 59 | 2001 | 52090000 |
| GENERAL | BOMB-NAVIGATION | GRD | * | 69.7757 | | .033 | 60 | 2001 | 52092000 |
| GENERAL | TRANSMITTER | AIR | * | 38.3766 | | .060 | 58 | 2001 | 52094000 |
| GENERAL | GENERAL | SHP | .01 | | | | U | 2001 | 52096000 |
| GENERAL | | GEN | .03 | | | | U | 2001 | 52098000 |
| GENERAL | | LAB | .03 | | | | 62 | 2240 | 52100000A |
| GENERAL | | LAB | .05 | | | | 57 | 2L1 | 52102000 |
| GENERAL | DIGITAL | GRD | .12 | | | 15.366 | 59 | 2001 | 52104000 |
| GENERAL | DIGITAL | GRD | .13 | | | 7.432 | 59 | 2001 | 52106000 |
| GENERAL | RADIO | GRD | .16 | | | 6.44 | 57 | 2001 | 52108000 |
| GENERAL | RADIO | GRD | .2 | | | 6.432 | 57 | 2001 | 52110000 |
| GENERAL | DIGITAL | GRD | .24 | | | 3.220 | 59 | 2001 | 52112000 |
| GENERAL | GENERAL.(CONTINUOSLY-ON) | SHP | .62 | | | | U | 2001 | 52114000 |
| GENERAL | | LAB | .66 | | | | 57 | 2L1 | 52116000 |
| GENERAL | RADAR | AIR | .7 | | | 15.9 | 57 | 2001 | 52118000 |
| GENERAL | RADAR | SHP | .8 | | | | U | 2001 | 52120000 |
| GENERAL | TRANSMITTER | SHP | .88 | | | | U | 2001 | 52122000 |
| GENERAL | INDICATOR | SHP | .88 | | | | U | 2001 | 52124000 |
| GENERAL | RADIO | GRD | .9 | | | 14.8 | U | 2001 | 52126000 |
| GENERAL | RADAR | GRD | .92 | | | 14.8 | U | 2001 | 52128000 |
| GENERAL | RADAR | GRD | 1 | | | | U | 2001 | 52130000 |
| GENERAL | RECEIVER | SHP | 1 | | | | U | 2001 | 52132000 |
| GENERAL | DIGITAL | GRD | 1.2 | | | 3.220 | 59 | 2001 | 52134000 |
| GENERAL | RADAR | GRD | 1.2 | | | 14.5 | 57 | 2001 | 52136000 |
| GENERAL | RADIO | GRD | 1.25 | | | 2.92 | 58 | 2001 | 52138000 |

PART CLASS 791 SWITCHES, ELECTRICAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| GENERAL | GENERAL,(CYCLED) | SHP | 1.4 | | | | U | 2001 | 52140000 |
| GENERAL | DIGITAL | GRD | 1.6 | | | 36.647 | 59 | 2001 | 52142000 |
| GENERAL | | MSL | 2 | | | | 57 | 2L1 | 52144000 |
| GENERAL | GENERAL | AIR | 2.1 | | | | U | 2001 | 52146000 |
| GENERAL | RECEIVER | SHP | 2.3 | | | | U | 2001 | 52148000 |
| GENERAL | RADAR | GRD | 2.4 | | | .830 | 57 | 2001 | 52150000 |
| GENERAL | NAVIGATION-AID | GRD | 2.5 | | | .220 | 57 | 2001 | 52152000 |
| GENERAL | RECEIVER | SHP | 2.5 | | | | U | 2001 | 52154000 |
| GENERAL | AUTO-FLIGHT-CONTROL | AIR | 3.1 | | | | U | 2001 | 52156000 |
| GENERAL | GENERAL | GEN | 4 | | | | U | 2001 | 52158000 |
| GENERAL | RADIO | GRD | 4 | | | | 57 | 2001 | 52160000 |
| GENERAL | BOMB-NAVIGATION | AIR | 4.3 | | | 2.16 | 58 | 2001 | 52162000 |
| GENERAL | FIRE-CONTROL | AIR | 5.75 | | | .174 | 57 | 2001 | 52164000 |
| GENERAL | | AIR | 6 | | | | 57 | 2L1 | 52166000 |
| GENERAL | AUTO-FLIGHT-CONTROL | AIR | 8 | | | | 57 | 2001 | 52168000 |
| GENERAL | | AIR | 8.2 | | | | 57 | 2L1 | 52170000 |
| GENERAL | | AIR | 9.9 | | | | 57 | 2L1 | 52172000 |
| GENERAL | GENERAL | AIR | 12 | | | | U | 2001 | 52174000 |
| GENERAL | FIRE-CONTROL | AIR | 12 | | | .951 | 58 | 2001 | 52176000 |
| GENERAL | BOMB-NAVIGATION | AIR | 13 | | | 7.8 | 57 | 2001 | 52178000 |
| GENERAL | GENERAL | SHP | 15 | | | | U | 2001 | 52180000 |
| GENERAL | RADAR | AIR | 16 | | | 1.55 | 57 | 2001 | 52182000 |
| GENERAL | BOMB-NAVIGATION | AIR | 16 | | | .412 | 61 | 2001 | 52184000 |
| GENERAL | BOMB-NAVIGATION | AIR | 17.5 | | | .150 | U | 2001 | 52186000 |
| GENERAL | | AIR | 18 | | | | 57 | 2L1 | 52188000 |
| GENERAL | AUTO-FLIGHT-CONTROL | AIR | 20 | | | | 57 | 2001 | 52190000 |
| GENERAL | BOMB-NAVIGATION | AIR | 24 | | | | U | 2001 | 52192000 |
| GENERAL | | AIR | 24.2 | | | | 57 | 2L1 | 52194000 |
| GENERAL | | AIR | 26 | | | | 57 | 2L1 | 52196000 |
| GENERAL | RADAR | AIR | 28 | | | .792 | 57 | 2001 | 52198000 |
| GENERAL | | AIR | 30 | | | | 57 | 2L1 | 52200000 |
| GENERAL | BOMB-NAVIGATION | AIR | 34 | | | .669 | 57 | 2001 | 52202000 |
| GENERAL | | AIR | 62 | | | | 57 | 2L1 | 52204000 |
| GENERAL | AUTO-FLIGHT-CONTROL | AIR | 70 | | | .123 | 57 | 2001 | 52206000 |
| GENERAL | RADAR | AIR | 90 | | | .513 | 58 | 2001 | 52208000 |
| GENERAL | | MSL | 110 | | | | 57 | 2L1 | 52210000 |
| GENERAL | GENERAL,(STEPPING) | SHP | 119.4 | | | | U | 2001 | 52212000 |
| HEATER-CYCLING | | AIR | 6.17284 | 16.4268 | | .324 | 63 | 2105 | 52214000 |
| HEATER-PRESSURE | | AIR | 9.25925 | 24.6902 | | .216 | 63 | 2105 | 52216000 |
| HIGH.PRESSURE | | GRD | 23949.5C | 28550C | | .00238C | 66 | 2051 | 52218000 |
| HIGH.TEMPERATURE.LIMIT | | | .000417 | | | | 61 | 2231 | 52220000 |
| HYDRAULIC | PITCH-TRIM-ACTUATOR | AIR | 0 | 27.9917 | 152 | .08226 | 66 | 1250 | 52222000A |
| HYDRAULIC-PRESS | HYDRAULIC-POWER.727 | AIR | 20P | | | | 66 | 2365 | 52224000 |
| HYDRAULIC-PRESSURE | HYDRAULIC-POWER.727 | AIR | 20P | | | | 66 | 2363 | 52226000 |
| HYDRAULIC-PRESSURE | HYDRAULIC-POWER.727 | AIR | 20P | | | | 66 | 2360 | 52228000 |

PART CLASS 791 SWITCHES, ELECTRICAL

| PART DESCRIPTION .06 M.U.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF APPT | DATA SPACE | CROSS INDEX REF |
|---|---|---|---|---|---|---|---|---|---|
| HYDRAULIC-PRESSURE | HYDRAULIC-POWER.727 | AIR | 20P | | | | 66 | 2363 | 52238000 |
| HYDRAULIC-PRESSURE | HYDRAULIC-POWER.727 | AIR | 30P | | | | 66 | 2360 | 52232000 |
| HYDRAULIC-PRESSURE | HYDRAULIC-POWER.880 | AIR | 40P | | | | 66 | 2360 | 52234000 |
| HYDRAULIC-PRESSURE | HYDRAULIC-POWER.707-1318 | AIR | 40P | | | | 65 | 2360 | 52236000 |
| HYDRAULIC-PRESSURE | HYDRAULIC-POWER.707-1318 | AIR | 50P | | | | 65 | 2362 | 52238000 |
| HYDRAULIC-PRESSURE | HYDRAULIC-POWER.707-3318 | AIR | 60P | | | | 65 | 2364 | 52240000 |
| HYDRAULIC-PRESSURE | HYDRAULIC-POWER.707-131 | AIR | 70P | | | | 66 | 2361 | 52242000 |
| HYDRAULIC-PRESSURE | HYDRAULIC-POWER.707-3318 | AIR | 80P | | | | 66 | 2364 | 52244000 |
| HYDRAULIC-PRESSURE | HYDRAULIC-POWER.707-131 | AIR | 80P | | | | 66 | 2362 | 52246000 |
| HYDRAULIC-PRESSURE | HYDRAULIC-POWER.707-1318 | AIR | 90P | | | | 66 | 2364 | 52248000 |
| HYDRAULIC-PRESSURE | HYDRAULIC-POWER.880 | AIR | 90P | | | | 65 | 2364 | 52250000 |
| HYDRAULIC-PRESSURE | HYDRAULIC-POWER.880 | AIR | 110P | | | | 66 | 2362 | 52252000 |
| HYDRAULIC-PRESSURE | HYDRAULIC-POWER.880 | AIR | 110P | | | | 66 | 2360 | 52254000 |
| HYDRAULIC-PRESSURE | HYDRAULIC-POWER.707-1318 | AIR | 120P | | | | 66 | 2363 | 52256000 |
| HYDRAULIC-PRESSURE | HYDRAULIC-POWER.707-1318 | AIR | 130P | | | | 65 | 2365 | 52258000 |
| HYDRAULIC-PRESSURE | HYDRAULIC-POWER.707-131 | AIR | 130P | | | | 66 | 2364 | 52260000 |
| HYDRAULIC-PRESSURE | HYDRAULIC-POWER.880 | AIR | 150P | | | | 66 | 2364 | 52262000 |
| HYDRAULIC-PRESSURE | HYDRAULIC-POWER.880 | AIR | 180P | | | | 66 | 2362 | 52264000 |
| HYDRAULIC-PRESSURE | HYDRAULIC-POWER.707-331 | AIR | 190P | | | | 65 | 2363 | 52266000 |
| HYDRAULIC-PRESSURE | HYDRAULIC-POWER.707-331 | AIR | 210P | | | | 64 | 2365 | 52268000 |
| HYDRAULIC-PRESSURE | HYDRAULIC-POWER.707-331 | AIR | 210P | | | | 65 | 2364 | 52270000 |
| HYDRAULIC-PRESSURE | HYDRAULIC-POWER.707-331 | AIR | 210P | | | | 66 | 2364 | 52272000 |
| HYDRAULIC-PRESSURE | HYDRAULIC-POWER.707-331 | AIR | 230P | | | | 66 | 2362 | 52274000 |
| HYDRAULIC-PRESSURE | HYDRAULIC-POWER.880 | AIR | 230P | | | | 66 | 2362 | 52276000 |
| HYDRAULIC-PRESSURE | HYDRAULIC-POWER.880 | AIR | 290P | | | | 65 | 2363 | 52278000 |
| HYDRAULIC-PRESSURE | HYDRAULIC-POWER.331C/373C | AIR | 320P | | | | 66 | 2363 | 52280000 |
| IGNITION | | AIR | 330P | | | | 66 | 2365 | 52282000 |
| IGNITION.CONTINUOUS | IGNITION/ELEC-SYSTEM | AIR | 55.5539 | 97.9194 | | | 66 | 2365 | 52284000 |
| INERTIAL | (STORAGE) | AIR | 0 | 55.9834 | 78 | .108 | 63 | 2109 | 52286000 |
| INTERLOCK | | | .235000 | .413681 | | .04113 | 66 | 1250 | 52288000A |
| INTERLOCK | WING-SPOILER-SYSTEM | GRD | 0 | 2.32059 | 144 | 29.337 | 66 | 2324 | 52290000A |
| INTERLOCK | (PER-CONTACT-SET) | AIR | 0 | 31.049 | 144 | .99225 | 64 | 1210 | 52292000 |
| INTERLOCK | AMPLITRON-HIGH-VOLTAGE | LAB | .5 | | | .07416 | 65 | 1227 | 52294000 |
| INTERLOCK | WING-SPOILER-SYSTEM | GRD | 2.42468 | 3.9385 | | | 63 | 1138 | 52296000 |
| INTERLOCK.SENSITIVE. SPDT.MS16106-1 | | AIR | 8.10372 | 30.521 | 228 | 3.2994 | 65 | 1223 | 52298000 |
| INTERLOCK.SENSITIVE.SPOT | | SUB | 28.4981 | 53.8378 | 540 | .1234 | 66 | 1230 | 52300000 |
| LANDING-GEAR-LOCK-FLAP-SLAT-POSITION | LANDING-GEAR.727 | SUB | 30.03 | 116.007 | 162 | .07018 | 65 | 1246 | 52302000 |
| LANDING-GEAR-LOCK-FLAP-SLAT-POSITION | LANDING-GEAR.727 | AIR | 80P | | | .6333 | 64 | 1161 | 52304000A |
| LARGE.SENSITIVE LEFT-RIGHT | | AIR | 150P | | | | 65 | 2365 | 52306000 |
| | | LAB | .03 | | | | 65 | 2365 | 52308000 |
| | | SIM AIR | 0 | 92.104 | | .825 | 52 | 2240 | 52310000A |
| | | | | | | | 63 | 1103 | 52312000A |

PART CLASS 791 SWITCHES, ELECTRICAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 60 % CONF LIMIT | PART POPULATION | PART HOURS | TR # OF DATA RPT. | SOURCE | GROSS INDEX A/F NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| LEVEL-LIMIT.FUEL | | GRD | • | 20932.70 | | .000816 | 64 | 2761 | 52314000 |
| LEVEL-LIMITLOX | | GRD | • | 44032C | | .000856 | 66 | 2851 | 52314000 |
| LEVER | | AIR | • | | | | 62 | 2240 | 52318000 |
| LIGHT | | GRD | 2.42424 | 9.82643 | 5293 | 5.7125 | 64 | 1196 | 52320000 |
| LIGHT.POWERSTAT | | AIR | 92.9368 | 121.602 | 1540 | .267 | 61 | 1000 | 52322000 |
| LIMIT | DOOR.ELEC.AIR-SPOILER.PARATROOP | AIR | • | 27.6917 | 132 | .06224 | 64 | 1250 | 52324000 |
| LIMIT | PITCH-TRIM-ACTUATOR | AIR | • | 6.99878 | 600 | .329 | 66 | 1250 | 52326000 |
| LIMIT | FUEL-LEVEL | GRD | • | 230736 | 5 | .0001C | 64 | 1245 | 52328000 |
| LIMIT | RUDDER.AUTOPILOT.MA-2 | AIR | • | 192.847 | 31 | .01194 | 63 | 1111 | 52330000 |
| LIMIT | PITCH-TRIM-ACTUATOR | AIR | • | 11.6434 | 384 | .19776 | 65 | 1227 | 52332000 |
| LIMIT | WING-FLAP-ASSEMBLY | AIR | • | 13.5798 | 100 | .16956 | 63 | 1198 | 52334000 |
| LIMIT | A-FRAME.AIR-DROP-SYSTEM | AIR | • | 46.5736 | 96 | .04944 | 65 | 1227 | 52336000 |
| LIMIT | DOOR.ELEC.AIR-SPOILER.PARATROOP | AIR | • | 46.5736 | 96 | .04944 | 65 | 1227 | 52338000 |
| LIMIT | WING-FLAP-ASSEMBLY | AIR | 3.9398 | 15.3246 | 100 | .25382 | 65 | 1198 | 52340000 |
| LIMIT | DOWN.LANDING-GEAR.NOSE | AIR | 5.68181 | 22.1005 | 204 | .176 | 63 | 1114 | 52342000 |
| LIMIT | WING-FLAP-ASSEMBLY | AIR | 5.68181 | 22.1005 | 204 | .176 | 63 | 1114 | 52344000 |
| LIMIT | UP.LANDING-GEAR.MAIN | AIR | 5.68181 | 22.1005 | 204 | .176 | 63 | 1114 | 52346000 |
| LIMIT | DOWN.LANDING-GEAR.NOSE | AIR | 7.8796 | 20.9681 | 100 | .25382 | 65 | 1198 | 52348000 |
| LIMIT | DOWN.LANDING-GEAR.MAIN | AIR | 8.59328 | 22.868 | 200 | .23274 | 65 | 1198 | 52350000 |
| LIMIT | DOWN.LANDING-GEAR.NOSE | AIR | 11.7952 | 31.3888 | 100 | .16956 | 63 | 1198 | 52352000 |
| LIMIT | UP.LANDING-GEAR.MAIN | AIR | 11.8194 | 26.321 | 100 | .25382 | 65 | 1198 | 52354000 |
| LIMIT | PACK.WING-SPOILER-SYSTEM | AIR | 12.158 | 32.3544 | 304 | .1645 | 66 | 1250 | 52356000 |
| LIMIT | UP.LANDING-GEAR.MAIN | AIR | 12.8899 | 26.7049 | 200 | .23274 | 65 | 1198 | 52358000 |
| LIMIT | DOWN.LANDING-GEAR.NOSE | AIR | 12.8899 | 26.7049 | 200 | .23274 | 65 | 1198 | 52360000 |
| LIMIT | DOWN.LANDING-GEAR.NOSE | AIR | 13.4228 | 35.7201 | 100 | .149 | 63 | 1114 | 52362000 |
| LIMIT | UP.LANDING-GEAR.MAIN | AIR | 14.744 | 27.3493 | 200 | .33912 | 63 | 1198 | 52364000 |
| LIMIT | DOWN.LANDING-GEAR.MAIN | AIR | 14.744 | 27.3493 | 200 | .33912 | 63 | 1198 | 52366000 |
| LIMIT | UP.LANDING-GEAR.MAIN | AIR | 16.7224 | 31.019 | 200 | .299 | 63 | 1114 | 52368000 |
| LIMIT | WING-FLAP-ASSEMBLY | AIR | 17.1865 | 34.3454 | 200 | .23274 | 65 | 1198 | 52370000 |
| LIMIT | PACK.WING-SPOILER-SYSTEM | AIR | 20.2265 | 53.8258 | 192 | .09888 | 65 | 1227 | 52372000 |
| LIMIT | UP.LANDING-GEAR.NOSE | AIR | 23.5904 | 62.7777 | 50 | .08478 | 63 | 1198 | 52374000 |
| LIMIT | A-FRAME.AIR-DROP-SYSTEM | AIR | 24.3131 | 64.7009 | 152 | .05276 | 64 | 1250 | 52376000 |
| LIMIT | UP.LANDING-GEAR.NOSE | AIR | 25.7798 | 57.4099 | 100 | .11637 | 65 | 1198 | 52378000 |
| LIMIT | AILERON-SYSTEM.FLIGHT-CONTROL | AIR | 26.2536 | 58.465 | 473 | .11427 | 65 | 1228 | 52380000 |
| LIMIT | UP.LANDING-GEAR.NOSE | AIR | 26.6666 | 70.964 | 50 | .075 | 63 | 1114 | 52382000 |
| LIMIT | RAMP-RETRACT-TRAVEL | AIR | 28.5714 | 111.134 | 320 | .035 | 61 | 1000 | 52384000 |
| LIMIT | AILERON-SYSTEM.FLIGHT-CONTROL | AIR | 30.8945 | 43.352 | 597 | .31789 | 67 | 1272 | 52384000 |
| LIMIT | UP.LANDING-GEAR.MAIN | AIR | 32.258 | 125.474 | 156 | .031 | 63 | 1114 | 52386000 |
| LIMIT | AILERON-SYSTEM.FLIGHT-CONTROL | AIR | 34.2231 | 76.2126 | 464 | .08706 | 64 | 1179 | 52390000 |
| LIMIT | DOWN.LANDING-GEAR.MAIN | AIR | 39.3979 | 60.6991 | 100 | .25382 | 65 | 1198 | 52392000 |
| LIMIT | WING-FLAP-SYSTEM | AIR | 48.4827 | 67.3228 | 1624 | .35044 | 64 | 1179 | 52394000 |
| LIMIT | DOWN.LANDING-GEAR.MAIN | AIR | 51.1363 | 80.7159 | 204 | .176 | 63 | 1114 | 52396000 |
| LIMIT | WING-FLAP-ASSEMBLY | AIR | 54.695 | 71.5455 | 1892 | .45708 | 65 | 1228 | 52398000 |
| LIMIT | | AIR | 56.6406 | 67.415 | 9466 | 1.624 | 61 | 1000 | 52400000 |
| LIMIT | UP.LANDING-GEAR.NOSE | AIR | 63.0367 | 102.393 | 50 | .13891 | 63 | 1198 | 52402000 |

SECTION I FAILURE RATE DATA

PART CLASS 791 SWITCHES, ELECTRICAL

| PART DESCRIPTION .00 N.E.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART DESIG-NATION | PART HOURS | TR OF DATA SOURCE | CHARGE NUMBER REF NO |
|---|---|---|---|---|---|---|---|---|
| LIMIT | WING-FLAP-ASSEMBLY | AIR | 64.8861 | 171.467 | 186 | .004 | 68 1196 | 52484000 |
| LIMIT | UP.LANDING-GEAR.NOSE | AIR | 48.1018 | 119.482 | 188 | .008 | 68 1196 | 52484000 |
| LIMIT | SPEED-BRAKE | AIR | 71.4285 | 132.495 | 648 | .07 | 61 1490 | 52400000 |
| LIMIT | WING-FLAP-ASSEMBLY | AIR | 113.444 | 123.528 | 2808 | 2.8715 | 67 1272 | 52410000 |
| LIMIT | SPAR-DOOR | AIR | 125 | 270.366 | 42 | .004 | 63 1111 | 52412000 |
| LIMIT | UP.LANDING-GEAR.NOSE | AIR | 133.333 | 354.82 | 48 | .015 | 63 1114 | 52414000 |
| LIMIT | CAMERA-DOOR | AIR | 146.666 | 443.525 | 31 | .012 | 63 1111 | 52416000 |
| LIMIT | REFUELING-SYSTEM | AIR | 167.884 | 448.723 | 31 | .011194 | 63 1111 | 52418000 |
| LIMIT | WING-FLAP-ASSEMBLY | AIR | 251.256 | 599.53 | 31 | .011194 | 63 1111 | 52420000 |
| LIMIT | TORQUE-LINK.ALTERNATE-LANDING.LG | AIR | 262.377 | 347.402 | 486 | .08766 | 64 1179 | 52422000 |
| LIMIT | TORQUE.LINK.STEERING.NOSEWHEEL | AIR | 832.762 | 972.119 | 486 | .08766 | 64 1179 | 52424000 |
| LIMIT | DOOR.LANDING-GEAR.MAIN | AIR | 1193.67 | 1182.48 | 288 | .259 | 63 1114 | 52426000 |
| LIMIT | | GRD | 1660.66C | 6482.83C | 9 | .0004C | 64 1248 | 52428000 |
| LIMIT/WARNING | DOOR.HYDRAULIC.PETAL | AIR | 4.49478 | 17.4833 | 432 | .22240 | 65 1227 | 52430000 |
| LIMIT/WARNING | DOOR.HYDRAULIC.PETAL | AIR | 5.40240 | 14.3768 | 684 | .3782 | 64 1250 | 52432000 |
| LIMIT/WARNING | DOOR.HYDRAULIC.CARGO-RAMP | AIR | 13.4443 | 30.0287 | 432 | .22240 | 65 1227 | 52434000 |
| LIMIT/WARNING | DOOR.HYDRAULIC.CARGO-RAMP | AIR | 16.2094 | 28.4497 | 684 | .3782 | 64 1250 | 52436000 |
| LIMIT/WARNING | DOOR.HYDRAULIC.PRESSURE | AIR | 35.3944 | 59.9211 | 396 | .19774 | 65 1227 | 52438000 |
| LIMIT/WARNING | DOOR.HYDRAULIC.PRESSURE | AIR | 64.8693 | 89.1193 | 600 | .329 | 64 1250 | 52440000 |
| LOW-OIL-PRESSURE-ENGINE | | AIR | 100P | | | | 65 2339 | 52442000 |
| LOW-OIL-PRESSURE-GB | | AIR | 300P | | | | 65 2338 | 52444000 |
| MACH-WARNING | NAVIGATION.600 | AIR | 1400P | | | | 64 2340 | 52446000 |
| MACH-WARNING | NAVIGATION.600 | AIR | 1500P | | | | 64 2340 | 52448000 |
| MACH-WARNING | NAVIGATION.600 | AIR | 1600P | | | | 66 2345 | 52450000 |
| MACH-WARNING | NAVIGATION.707-3318 | AIR | 1900P | | | | 66 2344 | 52452000 |
| MACH-WARNING | NAVIGATION.707-1318 | AIR | 2200P | | | | 66 2341 | 52454000 |
| MACH-WARNING | NAVIGATION.707-131 | AIR | 2300P | | | | 64 2344 | 52456000 |
| MACH-WARNING | NAVIGATION.707-3318 | AIR | 2800P | | | | 66 2341 | 52458000 |
| MACH-WARNING | NAVIGATION.600 | AIR | 3000P | | | | 66 2345 | 52460000 |
| MACH-WARNING | NAVIGATION.707-331 | AIR | 3100P | | | | 66 2342 | 52462000 |
| MACH-WARNING | NAVIGATION.707-331 | AIR | 3100P | | | | 65 2344 | 52464000 |
| MACH-WARNING | NAVIGATION.331C/373C | AIR | 5000P | | | | 66 2345 | 52466000 |
| MACH-WARNING | NAVIGATION.707-3318 | AIR | 5100P | | | | 65 2341 | 52468000 |
| MACH-WARNING | NAVIGATION.707-1318 | AIR | 5200P | | | | 65 2341 | 52470000 |
| MACH-WARNING | NAVIGATION.707-131 | AIR | 6000P | | | | 65 2342 | 52472000 |
| MACH-WARNING | NAVIGATION.707-331 | AIR | 6300P | | | | 66 2344 | 52474000 |
| MACH-WARNING | NAVIGATION.707-1318 | AIR | 6800P | | | | 64 2341 | 52476000 |
| MACH-WARNING | NAVIGATION.707-131 | AIR | 7400P | | | | 66 2342 | 52478000 |
| MACH-WARNING | NAVIGATION.707-131 | AIR | 9100P | | | | 66 2342 | 52480000 |
| MACH-WARNING | NAVIGATION.331C/373C | AIR | 9600P | | | | 66 2340 | 52482000 |
| MACH-WARNING | NAVIGATION.707-131 | AIR | 10900P | | | | 65 2344 | 52484000 |
| MACH-WARNING | NAVIGATION.707-3318 | AIR | 11400P | | | | 66 2342 | 52486000 |
| MACH-WARNING | NAVIGATION.707-331 | AIR | 13500P | | | | 64 2342 | 52488000 |
| MACH-WARNING | NAVIGATION.707-331 | AIR | 13500P | | | | 66 2344 | 52490000 |
| MACH-WARNING | NAVIGATION.707-1318 | AIR | 17900P | | | | 64 2341 | 52492000 |

PART CLASS 751 SWITCHES, ELECTRICAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| MACH-WARNING | NAVIGATION.707-1318 | AIR | 1920P | | | | 66 | 2362 | 52494000 |
| MACH-WARNING | NAVIGATION.707-1318 | AIR | 2430P | | | | 66 | 2362 | 52496000 |
| MACH-WARNING | NAVIGATION.707-1318 | AIR | 3160P | | | | 66 | 2362 | 52498000 |
| MACHINE-WARNING | NAVIGATION.880 | AIR | 180P | | | | 65 | 2363 | 52500000 |
| MACHINE-WARNING | NAVIGATION.880 | AIR | 760P | | | | 66 | 2363 | 52502000 |
| MACHINE-WARNING | NAVIGATION.351C/373C | AIR | 1080P | | | | 66 | 2363 | 52504000 |
| MACHINE-WARNING | NAVIGATION.880 | AIR | 1170P | | | | 66 | 2363 | 52506000 |
| MACHINE-WARNING | NAVIGATION-707-1318 | AIR | 1180P | | | | 66 | 2364 | 52508000 |
| MACHINE-WARNING | NAVIGATION-707-1318 | AIR | 2000P | | | | 66 | 2364 | 52510000 |
| MANUAL | RPM.THROTTLE-CONTROL.STICK | HELI | 100 | 222.693 | 120 | .03 | 65 | 1215 | 52512000 |
| MANUAL.FOOT-OPERATED | | AIR | 104.166 | 193.222 | 124 | .048 | 63 | 1111 | 52514000 |
| MANUAL-ARMED | AIR-DROP-SYSTEM | AIR | * | 55.9834 | 76 | .04119 | 66 | 1250 | 52516000A |
| MANUAL-ARMED | AIR-DROP-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 52518000 |
| MASTER | REFUELING-SYSTEM | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 52520000 |
| MASTER-WARNING.BRIGHT-DIM | | AIR | 25 | 97.2425 | 380 | .04 | 61 | 1080 | 52522000A |
| MECHANICAL-ACTUATION | | AIR | .04P | | | | 65 | 2590 | 52524000 |
| MECHANICAL-ACTUATION | | AIR | .08P | | | | 65 | 2590 | 52526000 |
| MECHANICAL-ACTUATION | | AIR | .09P | | | | 65 | 2590 | 52528000 |
| MECHANICAL-ACTUATION | | AIR | .42P | | | | 65 | 2590 | 52530000 |
| MECHANICAL-ACTUATION | | AIR | .56P | | | | 65 | 2590 | 52532000 |
| MECHANICAL-ACTUATION. ANCHOR-ARMS-STOWED | | AIR | .1P | | | | 65 | 2590 | 52534000 |
| MECHANICAL-ACTUATION. ANCHOR-ARMS-STOWED | | AIR | .16P | | | | 65 | 2590 | 52536000 |
| MECHANICAL-ACTUATION. BRAKE-SENSING | | AIR | .1P | | | | 65 | 2590 | 52538000 |
| MECHANICAL-ACTUATION. DOOR.TOGGLE | | AIR | .05P | | | | 65 | 2590 | 52540000 |
| MECHANICAL-ACTUATION. DOOR-WARNING | | AIR | .04P | | | | 65 | 2590 | 52542000 |
| MECHANICAL-ACTUATION. DOOR-WARNING | | AIR | .04P | | | | 65 | 2590 | 52544000 |
| MECHANICAL-ACTUATION. DOOR-WARNING | | AIR | .05P | | | | 65 | 2590 | 52546000 |
| MECHANICAL-ACTUATION. DOOR-WARNING | | AIR | .24P | | | | 65 | 2590 | 52548000 |
| MECHANICAL-ACTUATION. DOOR-WARNING | | AIR | .4P | | | | 65 | 2590 | 52550000 |
| MECHANICAL-ACTUATION. DOWN-LIMIT | | AIR | .08P | | | | 65 | 2590 | 52552000 |
| MECHANICAL-ACTUATION. DOWN-LIMIT | | AIR | .1P | | | | 65 | 2590 | 52554000 |
| MECHANICAL-ACTUATION. DOWN-LIMIT | | AIR | .15P | | | | 65 | 2590 | 52556000 |
| MECHANICAL-ACTUATION. DOWN-LIMIT | | AIR | .4P | | | | 65 | 2590 | 52558000 |

PART CLASS PBT SWITCHES, ELECTRICAL

| PART DESCRIPTION .00 N.E.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| MECHANICAL-ACTUATION. LIMIT.FLAP-CONTROL | | AIR | .21P | | | | 65 | 2990 | 52588000 |
| MECHANICAL-ACTUATION. MICRO-CONTROL | | AIR | .41P | | | | 65 | 2990 | 52562000 |
| MECHANICAL-ACTUATION. MICRO-CONTROL | | AIR | .72P | | | | 65 | 2990 | 52554000 |
| MECHANICAL-ACTUATION. RAMP-POSITION | | AIR | .05P | | | | 65 | 2990 | 52566000 |
| MECHANICAL-ACTUATION. TOUCHDOWN | | AIR | .13P | | | | 65 | 2990 | 52568000 |
| MECHANICAL-ACTUATION. TOUCHDOWN | | AIR | .16P | | | | 65 | 2990 | 52570000 |
| MECHANICAL-ACTUATION. UP-LIMIT | | AIR | .12P | | | | 65 | 2990 | 52572000 |
| MECHANICAL-ACTUATION. UP-LIMIT | | AIR | .15P | | | | 65 | 2990 | 52574000 |
| MECHANICAL-ACTUATION. UP-LIMIT | | AIR | .31P | | | | 65 | 2990 | 52576000 |
| MECHANICAL-ACTUATION. UP-LIMIT | | AIR | .64P | | | | 65 | 2990 | 52578000 |
| MECHANICAL-ACTUATION. DOOR-WARNING | | AIR | .15P | | | | 65 | 2990 | 52560000 |
| MECHANICAL-ACTUATION.DOOR | | AIR | .52P | | | | 65 | 2990 | 52582000 |
| MECHANICAL-ACTUATION.LIMIT | | AIR | .04P | | | | 65 | 2990 | 52584000 |
| MECHANICAL-ACTUATION.MICRO | | AIR | .07P | | | | 65 | 2990 | 52586000 |
| MECHANICAL-ACTUATION.MICRO | | AIR | .08P | | | | 65 | 2990 | 52588000 |
| MECHANICAL-ACTUATION.MICRO | | AIR | .12P | | | | 65 | 2990 | 52590000 |
| MERCURY | | AIR | .62P | | | | 65 | 2990 | 52592000 |
| MERCURY | | SIM AIR | * | 92.104 | | .025 | 63 | 1183 | 52594000A |
| MICRO | RUDDER-PEDAL | GEN | * | | | | 62 | 1076 | 52596000 |
| MICRO | DOOR-LATCH.MAIN-LANDING-GEAR. OUTBOARD | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 52598000 |
| MICRO | DOOR.HYDRAULIC.FORWARD-CARGO | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 52600000 |
| MICRO | RUDDER-PEDAL | AIR | * | 29 | 400 | .0794 | 65 | 1198 | 52602000 |
| MICRO | DOOR-LATCH.MAIN-LANDING-GEAR OUTBOARD | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 52604000 |
| MICRO | DOOR.MECHANICAL.CREW | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 52606000 |
| MICRO | LANDING-WARNING.EMERGENCY | AIR | * | 9.89344 | 200 | .23274 | 65 | 1198 | 52608000 |
| MICRO | | AIR | * | 9.89344 | 200 | .23274 | 65 | 1198 | 52610000 |
| MICRO | | GRD | * | 67.7235 | 18 | .834 | 65 | 1193 | 52612000 |
| MICRO | | AIR | * | 139.447 | | .017 | 65 | 1104 | 52614000 |
| MICRO | | SIM GRD | * | 109.647 | | .021 | 63 | 1104 | 52616000 |
| MICRO | | SIM AIR | * | 92.104 | | .025 | 63 | 1183 | 52618000A |
| MICRO | | SIM AIR | * | 2192.95 | 2 | .00105 | 64 | 1151 | 52620000A |
| | | SIM AIR | * | 55.5915 | 40 | .04152 | 64 | 1150 | 52622000A |

PART CLASS 791 SWITCHES, ELECTRICAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | GROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .CG N.O.C. | | | | | | | | | |
| MICRO | (PER-CONTACT-SET) | LAB | .25 | | | | 63 | 1138 | 52624000 |
| MICRO | | SMP | .53 | | | | 62 | 2240 | 52626000 |
| MICRO | GUADRANT.ENGINE-CONTROL | AIR | .920697 | 2.05033 | 2800 | 3.2384 | 65 | 1198 | 52628000 |
| MICRO | (SWITCH) | GEN | 1 | | | | 62 | 1078 | 52630000 |
| MICRO | | AIR GND | 1.11111 | 4.32188 | | .9 | 61 | 1087 | 52632000 |
| MICRO | DOOR.MECHANICAL CREW | AIR | 5.68181 | 22.1005 | 204 | .176 | 63 | 1114 | 52634000 |
| MICRO | DOOR.MECHANICAL.CREW | AIR | 5.89761 | 22.9399 | 100 | .16956 | 63 | 1198 | 52636000 |
| MICRO | | GRD | 6.30252 | 9.94817 | | 1.428 | 61 | 2240 | 52638000 |
| MICRO | DOOR.MECHANICAL.CREW | AIR | 6.7114 | 26.1053 | 100 | .149 | 63 | 1114 | 52640000 |
| MICRO | DOOR.MECHANICAL.CREW | AIR | 7.8796 | 20.9687 | 100 | .25382 | 65 | 1198 | 52642000 |
| MICRO | | AIR GND | 8 | | | | 59 | 2L2 | 52644000 |
| MICRO | | AIR | 8 | | | | 57 | 2L1 | 52646000 |
| MICRO | | AIR | 8 | | | | 57 | 2L1 | 52648000 |
| MICRO | | AIR | 10 | | | | 61 | 1068 | 52650000 |
| MICRO | DOOR.HYDRAULIC.FORWARD-CARGO | AIR | 11.8196 | 20.7475 | 200 | .50763 | 65 | 1198 | 52652000 |
| MICRO | AUXILIARY-POWER-UNIT | AIR | 13.4843 | 52.4501 | 144 | .07416 | 65 | 1227 | 52654000 |
| MICRO | DOOR.HYDRAULIC.FORWARD-CARGO | AIR | 16.9971 | 29.8359 | 400 | .353 | 63 | 1114 | 52656000 |
| MICRO | | AIR GND | 18.0246 | 21.0409 | | 4.05 | 58 | 2L2 | 52658000 |
| MICRO | DOOR,HYDRAULIC,FORWARD-CARGO | AIR | 21.3333 | 34.6525 | 250 | .375 | 63 | 1114 | 52660000 |
| MICRO | DOOR.HYDRAULIC.FORWARD-CARGO | AIR | 28.3085 | 41.9475 | 250 | .4239 | 63 | 1198 | 52662000 |
| MICRO | | AIR GND | 33 | | | | 61 | 2L2 | 52664000 |
| MICRO | CONTROL.ELEVATOR.TRIM-TAB-ASSEMBLY | AIR | 60.1529 | 86.4827 | 200 | .23274 | 65 | 1198 | 52666000 |
| MICRO | CONTROL.ELEVATOR.TRIM-TAB-ASSEMBLY | AIR | 60.4026 | 95.3422 | 100 | .149 | 63 | 1114 | 52668000 |
| MICRO | CONTROL.ELEVATOR.TRIM-TAB-ASSEMBLY | AIR | 64.9737 | 97.8895 | 100 | .16956 | 63 | 1198 | 52670000 |
| MICRO | CONTROL.ELEVATOR.TRIM-TAB-ASSEMBLY | AIR | 68.1818 | 101.081 | 204 | .176 | 63 | 1114 | 52672000 |
| MICRO | CONTROL.ELEVATOR.TRIM-TAB-ASSEMBLY | AIR | 74.8561 | 102.05 | 100 | .25382 | 65 | 1198 | 52674000 |
| MICRO | WARNING.DOOR.ELECTRIC. | AIR | 77.3395 | 122.076 | 100 | .11637 | 65 | 1198 | 52676000 |
| MICRO | GAS-TURBINE-COMPRESSOR-INTAKE | GRD | 105.485 | 410.305 | 726 | .00948 | 61 | 1069 | 52678000A |
| MICRO | | GRD | 105.708 | 411.173 | 750 | .00946 | 62 | 1159 | 52680000A |
| MICRO | | GRD | 139.884 | 543.254 | 750 | .00716 | 62 | 1159 | 52682000A |
| MICRO | | GRD | 142.247 | 553.3 | 605 | .00703 | 61 | 1069 | 52684000A |
| MICRO | | MSL | 250 | 665.287 | | .000 | 57 | 2L2 | 52686000 |
| MICRO | | GRD | 263 | | | | 57 | 2L1 | 52688000 |
| MICRO | | GRD | 731.928 | 1127.04 | 1300 | .01367 | 63 | 1199 | 52690000 |
| MICRO.SPDT.HERMETIC-SEAL | (RV=1.RC=.2E) | SIM SAT | * | 683.264 | 3 | .00337 | 65 | 1184 | 52692000A |
| MICRO.110-PERCENT | AUXILIARY-POWER-UNIT | AIR | * | 55.9834 | 76 | .00113 | 66 | 1250 | 52694000 |
| MICRO.35-PERCENT | AUXILIARY-POWER-UNIT | AIR | * | 55.9834 | 76 | .00113 | 66 | 1250 | 52696000 |
| MICRO.95-PERCENT | AUXILIARY-POWER-UNIT | AIR | * | 55.9834 | 76 | .00113 | 66 | 1250 | 52698000 |
| MOMENTARY.CONTACT | | AIR GRD | * | 19.1883 | | .120 | 58 | 2L2 | 52700000 |
| MOMENTARY.CONTACT | | AIR | 6.7 | | | | 57 | 2L1 | 52702000 |
| MOTOR-DRIVEN | (PER-CONTACT-SET) | LAB | 1.13 | | | | 63 | 1138 | 52704000 |
| MOTOR-DRIVEN | | AIR | 10 | | | | 61 | 1068 | 52706000 |
| NORMAL/HI-TORQUE | LANDING-GEAR.NOSE | AIR | * | 27.1597 | 50 | .00478 | 63 | 1198 | 52708000 |
| NULL.TD | ENGINE-CONTROLS | AIR | * | 6.76992 | 200 | .39912 | 63 | 1198 | 52710000 |

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
SECTION I FAILURE RATE DATA

NONELECTRONIC PART FAILURE RATE DATA JANUARY 1966

PART CLASS PBT SWITCHES, ELECTRICAL

| PART DESCRIPTION .00 N.E.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF REPT | DATA SOURCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| *WALL.TO | ENGINE-CONTROLS | AIR | 8.99320 | 17.1927 | 480 | .46548 | 65 | 1198 | 52712000 |
| WALL.TO | ENGINE-CONTROLS | AIR | 16.189 | 42.737 | 272 | .042 | 63 | 1114 | 52714000 |
| WALL.TO | ENGINE-CONTROLS | AIR | 31.819 | 44.2282 | 200 | .50743 | 65 | 1198 | 52716000 |
| OFF/NORMAL | STALL-WARNING-SYSTEM | AIR | 22.9943 | 50.3726 | 498 | .353 | 63 | 1114 | 52718000 |
| OFF/NORMAL | STALL-WARNING-SYSTEM | AIR | • | 46.5734 | 96 | .04944 | 65 | 1227 | 52720000 |
| OIL-PRESS | OIL-707-331 | AIR | 48.6263 | 97.1742 | 152 | .08226 | 66 | 1250 | 52722000A |
| OIL-PRESS | OIL-707-131 | AIR | 80P | | | | 65 | 2344 | 52724000 |
| OIL-PRESS | OIL-707-331 | AIR | 110P | | | | 66 | 2344 | 52726000 |
| OIL-PRESSURE | OIL-707-131 | AIR | 160P | | | | 66 | 2344 | 52728000 |
| OIL-PRESSURE | OIL.707-131 | AIR | 270P | | | | 65 | 2344 | 52730000 |
| OIL-PRESSURE | OIL.707-131 | AIR | 60P | | | | 66 | 2342 | 52732000 |
| OIL-PRESSURE | OIL.707-331 | AIR | 60P | | | | 66 | 2341 | 52734000 |
| OIL-PRESSURE | OIL.707-131 | AIR | 70P | | | | 66 | 2341 | 52736000 |
| OIL-PRESSURE | OIL.707-591 | AIR | 80P | | | | 65 | 2342 | 52738000 |
| OIL-PRESSURE | OIL.707-131 | AIR | 80P | | | | 66 | 2342 | 52740000 |
| OIL-PRESSURE | OIL.707-131 | AIR | 110P | | | | 66 | 2342 | 52742000 |
| OIL-PRESSURE | OIL.707-331 | AIR | 110P | | | | 66 | 2341 | 52744000 |
| OIL-PRESSURE | OIL.707-331 | AIR | 170P | | | | 66 | 2342 | 52746000 |
| OIL-PRESSURE | OIL.707-331 | AIR | 260P | | | | 65 | 2342 | 52748000 |
| OIL-PRESSURE | OIL.707-131 | AIR | 260P | | | | 65 | 2341 | 52750000 |
| OIL.LOW-PRESSURE | | AIR | 330P | | | | 65 | 2341 | 52752000 |
| ON-OFF | RAIN-REPELLANT-SYSTEM | GRD | 4132.230 | 7665.040 | | .001210 | 66 | 2MS1 | 52754000 |
| ON-OFF | STALL-WARNING-SYSTEM | AIR | • | 99.1472 | 48 | .02472 | 65 | 1227 | 52756000 |
| ON-OFF | P-A.INTERCOM | AIR | • | 46.5734 | 96 | .04944 | 65 | 1227 | 52758000 |
| ON-OFF/PUSHER | STALL-WARNING-SYSTEM | AIR | • | 19.7868 | 100 | .11837 | 65 | 1198 | 52760000 |
| ON-OFF/PUSHER | STALL-WARNING-SYSTEM | AIR | • | 46.5734 | 96 | .04944 | 65 | 1227 | 52762000 |
| ON/OFF | RAIN-REPELLANT-SYSTEM | AIR | 48.6263 | 97.1742 | 152 | .08226 | 66 | 1250 | 52764000 |
| ON/OFF | YAW-DAMPER.RUDDER.AFCS | AIR | • | 55.9834 | 76 | .04113 | 66 | 1250 | 52766000A |
| ON/OFF | MACHINE-TRIM-COMPENSATOR.AFCS | AIR | • | 99.1472 | 48 | .02472 | 65 | 1227 | 52768000 |
| ON/OFF | YAW-DAMPER.RUDDER.AFCS | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 52770000 |
| OVERHEAT | MACH-TRIM-COMPENSATOR.AFCS | AIR | • | 55.9834 | 76 | .04113 | 66 | 1250 | 52772000 |
| | BLEED-AIR-DETECTION.AUXILIARY-POWER-UNIT.CARGO-FLOOR | AIR | • | 55.9834 | 76 | .04113 | 66 | 1250 | 52774000 |
| | | | | 55.9834 | 76 | .04113 | 66 | 1250 | 52774000A |
| OXYGEN-PRESSURE | OXYGEN.707 | AIR | 18.5185 | 49.2865 | | .108 | 63 | 2104 | 52778000 |
| OXYGEN-PRESSURE | OXYGEN.707-1318 | AIR | 120P | | | | 66 | 2341 | 52780000 |
| P.E | | AIR | 120P | | | | 66 | 2341 | 52782000 |
| P.E | | | .0004439 | | | | 63 | 2231 | 52784000 |
| P.E | | | .0004439 | | | | 63 | 2231 | 52786000 |
| PANEL | | | .25 | | | | 62 | 2231 | 52788000 |
| PITOT | AC-POWER-SUPPLY-SYSTEM | AIR | 14C | | | | 63 | 2231 | 52790000 |
| PITOT | ANTI-ICE/DE-ICE-SYSTEMS | AIR | 83.752 | 329.77 | 51 | .01194 | 63 | 2411 | 52792000 |
| PITOT | ANTI-ICE/DE-ICE-SYSTEMS | AIR | • | 27.1547 | 50 | .08476 | 63 | 1198 | 52794000 |
| | ANTI-ICE/DE-ICE-SYSTEMS | AIR | • | 9.89344 | 200 | .22274 | 65 | 1198 | 52796000 |
| | | AIR | • | 18.1435 | 50 | .12691 | 65 | 1198 | 52798000 |

PART CLASS 791 SWITCHES, ELECTRICAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| PLUNGER | | AIR | 43.4782 | 74.3195 | | .138 | 59 | 1070 | 52000000 |
| PNEUMATIC | FUEL-DE-ICE-HEATER | AIR | * | 23.2868 | 192 | .09888 | 65 | 1227 | 52802000 |
| PNEUMATIC | NACELLE-PREHEAT | AIR | * | 13.9975 | 304 | .1645 | 66 | 1250 | 52804000 |
| PNEUMATIC | NACELLE-PREHEAT | AIR | * | 23.2868 | 192 | .09888 | 65 | 1227 | 52806000 |
| PNEUMATIC | ENGINE/NACELLE-ANTI-ICE | AIR | 20.2265 | 53.8258 | 192 | .09888 | 65 | 1227 | 52808000 |
| PNEUMATIC | ENGINE/NACELLE-ANTI-ICE | AIR | 24.3161 | 66.593 | 304 | .1645 | 66 | 1250 | 52810000A |
| PNEUMATIC | FUEL-DE-ICE-HEATER | AIR | 79.0273 | 115.245 | 304 | .1645 | 66 | 1250 | 52812000A |
| POINTER | VHF-NAVIGATION-SYSTEM.AN-ARN-14 | AIR | * | 18.1435 | 50 | .12641 | 65 | 1198 | 52814000 |
| POINTER | VHF-NAVIGATION-SYSTEM.AN-ARN-14 | AIR | 23.5904 | 62.7777 | 50 | .08478 | 63 | 1198 | 52816000 |
| POINTER | VHF-NAVIGATION-SYSTEM.AN-ARN-14 | AIR | 26.6666 | 70.964 | 50 | .075 | 63 | 1114 | 52818000 |
| POINTER.SELECTOR | VHF-NAVIGATION-SYSTEM.AN-ARN-14 | AIR | * | 6.59562 | 300 | .34911 | 65 | 1198 | 52820000 |
| POSITION | TAB.AILERON-CONTROL-SYSTEM | AIR | * | 27.9917 | 132 | .08226 | 66 | 1250 | 52822000A |
| POSITION | TAB.AILERON-CONTROL-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 52824000 |
| POSITION | HANDLE.WING-SPOILER-SYSTEM | AIR | 24.3131 | 64.7004 | 132 | .08226 | 66 | 1250 | 52826000 |
| POSITION | WING-FLAP-SYSTEM | AIR | 40.453 | 157.35 | 48 | .02472 | 65 | 1227 | 52828000 |
| POSITION | WING-FLAP-SYSTEM | AIR | 48.6263 | 129.401 | 76 | .04113 | 66 | 1250 | 52830000A |
| POSITION | THRUST-VECTOR-ACTUATOR(YAW). HYDRAULIC-CONTROL-SYSTEM | GRD | 434.782 | 1691.17 | | .0023 | 62 | 1135 | 52832000 |
| POSITION | THRUST-VECTOR-ACTUATOR(PITCH). HYDRAULIC-CONTROL-SYSTEM | GRD | 1739.13 | 3475.45 | | .0023 | 62 | 1135 | 52834000 |
| POSITION.HANDLE | WING-SPOILER-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 52836000 |
| POSITION.MAIN-LANDING-GEAR | | AIR | * | 48.2219 | 124 | .04775 | 63 | 1114 | 52838000 |
| POWER | ASN-54 | AIR | * | 401.149 | | .00574 | 65 | 1188 | 52840000 |
| POWER | | LAB | 152.905 | 594.755 | 4 | .00654 | 64 | 1137 | 52842000 |
| POWER | | LAB | 250 | 972.425 | 4 | .004 | 63 | 1119 | 52844000 |
| POWER-CHANGEOVER | ELECTRICAL | LAB | 1687.76C | 3372.8C | 65 | .00237C | 61 | 2600 | 52844000 |
| POWER-CHANGEOVER | ELECTRICAL | LAB | 8750C | 14713.6C | 18 | .00080C | 61 | 2600 | 52844000 |
| POWER-CHANGEOVER. GROUND-AIRBORNE | TELEMETRY-DC | GRD | * | 1151.3C | | .002C | 65 | 1207 | 52850000 |
| POWER-CHANGEOVER. GROUND-AIRBORNE | MAIN-DC-POWER | GRD | * | 10964.7 | | .00021 | 65 | 1207 | 52852000 |
| POWER-CHANGEOVER. GROUND-AIRBORNE | TELEMETRY-DC | GRD | * | 9210.4 | | .00025 | 64 | 1171 | 52854000 |
| POWER-CHANGEOVER. GROUND-AIRBORNE | MAIN-DC-POWER | GRD | * | 10964.7 | | .00021 | 64 | 1171 | 52856000 |
| POWER-CHANGEOVER. GROUND-AIRBORNE | MAIN-DC-POWER | GRD | * | 3713.87 | | .00062 | 64 | 1171 | 52858000 |
| POWER-CHANGEOVER. GROUND-AIRBORNE | MAIN-DC POWER | GRD | * | 46052 | | .00005 | 65 | 1207 | 52860000 |
| POWER-CHANGEOVER. GROUND-AIRBORNE | TELEMETRY-DC | GRD | * | 4699.18 | | .00049 | 64 | 1171 | 52862000 |
| POWER-CHANGEOVER. GROUND-AIRBORNE | TELEMETRY-DC | GRD | 5000C | 19448.5C | | .0002C | 65 | 1207 | 52864000 |
| POWER-CHANGEOVER. GROUND-AIRBORNE.AC-DC | | GRD | 396.089C | 791.44C | | .0101C | 64 | 1163 | 52866000 |

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PART CLASS 197 SWITCHES, ELECTRICAL

| PART DESCRIPTION .00 N.E.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF APT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| PRECISION.LIMIT | (STORAGE) | NSL | .2 | | | | | | |
| PRESS-TO-TEST | FUEL-QUANTITY-INSTRUMENTATION | AIR | • | 2.51472 | 488 | .2472 | 65 | 2440 | 52860000 |
| PRESS-TO-TEST | FUEL-QUANTITY-INSTRUMENTATION | AIR | • | 5.59834 | 760 | .4113 | 65 | 1227 | 52870000 |
| PRESS-WI-TANK-373C | WATER-INJECTION-702-131 | AIR | 2709 | | | | 66 | 1250 | 52872000 |
| PRESS-WI-TANK-373C | WATER-INJECTION-702-131 | AIR | 3309 | | | | 65 | 2364 | 52874000 |
| PRESSURE | | GRD | • | 993.688 | | .00244 | 66 | 2364 | 52876000 |
| PRESSURE | ALTIMETER.AN/APN-150 | AIR | • | 19.7860 | 100 | .11437 | 64 | 1188 | 52878000 |
| PRESSURE | LIAISON-RADIO.ARC-58 | AIR | • | 192.847 | 31 | .00194 | 65 | 1198 | 52880000 |
| PRESSURE | MANIFOLD-THRUST-CHAMBER | SIN NSL | • | 767.533C | | .003C | 63 | 1111 | 52882000 |
| PRESSURE | | GRD | • | 322.041 | 600 | .00719 | 62 | 1089 | 52884000 |
| PRESSURE | RATIO.ALTITUDE | AIR | • | 65.7885 | 320 | .035 | 63 | 1159 | 52886000 |
| PRESSURE | SPHERE.FIRE-EXTINGUISHING-SYSTEM | AIR | • | 23.4868 | 192 | .00988 | 61 | 1080 | 52888000A |
| PRESSURE | RAIN-REPELLANT-SYSTEM | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 52890000 |
| PRESSURE | ENGINE-PUMP,NO-1-HYDRAULIC-SYSTEM | AIR | • | 16.6396 | 228 | .1234 | 65 | 1227 | 52892000 |
| PRESSURE | THRUST-CHAMBER | SIN NSL | • | 767.533C | | .003C | 64 | 1250 | 52894000A |
| PRESSURE | | | .143325 | .957471C | | 6.9774C | 62 | 1089 | 52896000 |
| PRESSURE | | | .163807 | .636383 | | 6.1122 | 63 | 2231 | 52898000 |
| PRESSURE | (STORAGE) | | .32257 | .496973 | | 31.001 | 63 | 2231 | 52900000 |
| PRESSURE | ENRICHMENT.FUEL-SYSTEM | AIR | 1.58418 | 3.34961 | 1716 | 1.9945 | 66 | 252 | 52902000A |
| PRESSURE | ENRICHMENT.FUEL-SYSTEM | AIR | 1.947 | 7.57325 | 528 | .51361 | 65 | 1201 | 52904000 |
| PRESSURE | ENRICHMENT.FUEL | AIR | 2.63754 | 10.2592 | 400 | .37914 | 65 | 1201 | 52906000 |
| PRESSURE | HEATER.AIR-CONDITIONING-SYSTEM | AIR | 4.63027 | 18.0103 | 120 | .21597 | 65 | 1201 | 52908000 |
| PRESSURE | SPHERE.FIRE-EXTINGUISHING-SYSTEM | AIR | 6.07902 | 23.6455 | 304 | .1645 | 65 | 1155 | 52910000 |
| PRESSURE | AIR-SPEED.WARNING | AIR | 11.4077 | 44.3725 | 406 | .08786 | 66 | 1250 | 52912000 |
| PRESSURE | STABILITY-AUGMENTER.AUTO-PILOT | AIR | 11.4077 | 44.3725 | 406 | .08766 | 64 | 1179 | 52914000 |
| PRESSURE | FILTER.FUEL-SYSTEM | AIR | 13.5372 | 17.5278 | 1716 | 1.9945 | 64 | 1179 | 52916000 |
| PRESSURE | SUPPLY-SYSTEM | AIR | 13.9628 | 54.3102 | 186 | .07162 | 65 | 1201 | 52918000 |
| PRESSURE | FILTER.FUEL-SYSTEM | AIR | 16.3835 | 28.7589 | 244 | .36622 | 63 | 1111 | 52920000 |
| PRESSURE | AIR-SPEED.WARNING.LANDING-GEAR | AIR | 17.5024 | 46.5765 | 473 | .11427 | 65 | 1201 | 52922000 |
| PRESSURE | FILTER.FUEL-SYSTEM | AIR | 19.47 | 29.9963 | 528 | .51361 | 63 | 1228 | 52924000 |
| PRESSURE | ALTITUDE.WARNING.LANDING-GEAR | AIR | 26.2536 | 58.465 | 473 | .11427 | 65 | 1201 | 52926000 |
| PRESSURE | AIR-AND-FUEL | AIR | 27.027 | 37.4716 | 3040 | .646 | 61 | 1080 | 52928000A |
| PRESSURE | FILTER.FUEL | HELI | 28.3017 | 118.409 | 40 | .0346 | 66 | 1297 | 52930000 |
| PRESSURE | FUEL-PUMP | AIR | 29.2825 | 113.6 | | .02915 | 63 | 1228 | 52932000 |
| PRESSURE | FUEL-FILTER.TURBOJET.T-56-A7 | AIR | 32.113 | 56.3496 | 401 | .18684 | 65 | 1182 | 52934000 |
| PRESSURE | ALTITUDE.WARNING | AIR | 34.2231 | 76.2126 | 406 | .08786 | 64 | 1179 | 52936000 |
| PRESSURE | STABILITY-AUGMENTER.AUTO-PILOT | AIR | 35.0048 | 69.9531 | 473 | .11427 | 65 | 1228 | 52938000 |
| PRESSURE | FUEL | AIR | 35.7142 | 138.917 | | .028 | 61 | 1082 | 52940000 |
| PRESSURE | AIRSPEED.WARNING.LANDING-GEAR | AIR | 38.6182 | 52.2217 | 397 | .51749 | 67 | 1272 | 52942000 |
| PRESSURE | ELEVATOR-CONTROL-SYSTEM | AIR | 40.493 | 90.0863 | 164 | .07416 | 65 | 1227 | 52944000 |
| PRESSURE | WATER-INJECTION | AIR | 41.6666 | 110.681 | 124 | .048 | 65 | 1111 | 52946000 |
| PRESSURE | CONTROL,THRUST-REVERSER | AIR | 42.5531 | 71.5556 | 304 | .1645 | 66 | 1250 | 52948000 |
| PRESSURE | FILTER-DIFFERENTIAL,ENGINE/CONSTANT-SPEED-DRIVE-OIL-SYSTEM | AIR | 42.5531 | 71.5556 | 304 | .1645 | 66 | 1250 | 52950000 |
| PRESSURE | HYDRAULIC-POWER-SUPPLY | AIR | 43.0107 | 85.9521 | 408 | .093 | 63 | 1114 | 52952000 |
| | | | | | | | 63 | 1114 | 52954000 |

PART CLASS 191 SWITCHES, ELECTRICAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| PRESSURE | FUEL-FILTER | AIR | 47.4758 | 65.2959 | 400 | .37914 | 65 | 1201 | 52956000 |
| PRESSURE | INLET.FUEL-SYSTEM | AIR | 48.6322 | 78.9951 | 304 | .1645 | 66 | 1250 | 52958000A |
| PRESSURE | FUEL | AIR | 52.6315 | 117.207 | | .057 | 61 | 1084 | 52960000 |
| PRESSURE | FUEL-FILTER | AIR | 56.7536 | 220.754 | 64 | .01762 | 65 | 1201 | 52962000 |
| PRESSURE | RADAR-PRES-SYSTEM.SA-377/U | AIR | 66.6666 | 259.313 | 68 | .015 | 63 | 1114 | 52964000 |
| PRESSURE | HYDRAULIC-POWER-SUPPLY | AIR | 74.3852 | 103.29 | 946 | .22854 | 65 | 1228 | 52966000 |
| PRESSURE | AIR-CONDITIONING.CABIN | AIR | 82.1355 | 144.176 | | .07305 | 66 | 1241 | 52968000 |
| PRESSURE | OXYGEN-SYSTEM | AIR | 83.3487 | 131.561 | 63 | .10798 | 65 | 1155 | 52970000 |
| PRESSURE | FUEL | AIR | 84.355M | 100.888 | | .652 | 61 | 1083 | 52972000 |
| PRESSURE | PITOT-STATIC-SYSTEM | AIR | 86.851 | 105.964 | 597 | .51789 | 67 | 1272 | 52974000 |
| PRESSURE | HYDRAULIC-POWER-SUPPLY | AIR | 87.3637 | 103.52 | 600 | .69823 | 65 | 1198 | 52976000 |
| PRESSURE | | GRD | 96.1558 | 374.009 | 900 | .0104 | 62 | 1159 | 52978000A |
| PRESSURE | HYDRAULIC-POWER-SUPPLY | AIR | 109.002 | 125.995 | 300 | .76145 | 65 | 1198 | 52980000 |
| PRESSURE | HYDRAULIC-POWER-SUPPLY | AIR | 109.64 | 130.497 | 612 | .529 | 63 | 1114 | 52982000 |
| PRESSURE | FUEL-BOOST.MIL-F-8615 | HELI | 133.333 | 266.451 | 120 | .03 | 65 | 1215 | 52984000 |
| PRESSURE | HYDRAULIC-POWER-SUPPLY | AIR | 136.892 | 180.148 | 812 | .11532 | 64 | 1179 | 52986000 |
| PRESSURE | PITOT-STATIC-SYSTEM | AIR | 140.019 | 196.478 | 473 | .11427 | 65 | 1228 | 52988000 |
| PRESSURE | ENGINE-PUMP.NO-1-HYDRAULIC-SYSTEM | AIR | 141.585 | 238.084 | 96 | .04944 | 65 | 1227 | 52990000 |
| PRESSURE | SUCTION-LINE.NO-2-HYDRAULIC-SYSTEM | AIR | 145.878 | 256.058 | 76 | .04113 | 66 | 1250 | 52992000A |
| PRESSURE | POWER.AILERON-CONTROL-SYSTEM | AIR | 191.699 | 215.335 | 197 | .09888 | 65 | 1227 | 52994000 |
| PRESSURE | SUCTION-LINE.NO-1-HYDRAULIC-SYSTEM | AIR | 161.812 | 323.363 | 48 | .02472 | 65 | 1227 | 52996000 |
| PRESSURE | HYDRAULIC-POWER-SUPPLY | AIR | 193.979 | 230.879 | 200 | .299 | 63 | 1114 | 52998000 |
| PRESSURE | HYDRAULIC-POWER-SUPPLY | AIR | 194.621 | 229.064 | 200 | .33912 | 63 | 1198 | 53000000 |
| PRESSURE | SUCTION-LINE.NO-1-HYDRAULIC-SYSTEM | AIR | 206.661 | 286.969 | 152 | .08226 | 66 | 1250 | 53002000A |
| PRESSURE | POWER-UNIT.RUDDER-CONTROL-SYSTEM | AIR | 212.378 | 285.035 | 192 | .09888 | 65 | 1227 | 53004000 |
| PRESSURE | PITOT-STATIC-SYSTEM | AIR | 239.561 | 321.518 | 406 | .08766 | 64 | 1179 | 53006000 |
| PRESSURE | TURRET-PNEU-SYSTEM | AIR | 250 | 556.733 | 31 | .012 | 63 | 1111 | 53008000 |
| PRESSURE | RADAR-PRES-SYSTEM.SA-377/U | AIR | 257.798 | 329.252 | 100 | .11627 | 65 | 1198 | 53010000 |
| PRESSURE | INDICATOR | AIR | 263.157 | 344.328 | 248 | .095 | 63 | 1111 | 53012000 |
| PRESSURE | INLET.FUEL-SYSTEM | AIR | 283.171 | 364.886 | 192 | .09888 | 65 | 1227 | 53014000 |
| PRESSURE | INDICATOR-BYPASS-PROPULSION | AIR | 306.278 | 612.062 | 86 | .01306 | 66 | 1240 | 53016000A |
| PRESSURE | SUCTION-LINE.NO-2-HYDRAULIC-SYSTEM | AIR | 323.624 | 525.675 | 48 | .02472 | 65 | 1227 | 53018000 |
| PRESSURE | RADAR-PRES-SYSTEM | AIR | 342.061 | 438.765 | 50 | .08479 | 63 | 1198 | 53020000 |
| PRESSURE | RADAR-PRES-SYSTEM | AIR | 373.333 | 481.066 | 50 | .075 | 63 | 1114 | 53022000 |
| PRESSURE | CONTROL.THRUST-REVERSER | AIR | 384.304 | 477.212 | 192 | .09888 | 65 | 1227 | 53024000 |
| PRESSURE | P/A-STARTER | AIR | 400 | 1064.46 | 16 | .005 | 59 | 1180 | 53026000 |
| PRESSURE | | GRD | 456.204 | 846.231 | 726 | .01096 | 61 | 1069 | 53028000A |
| PRESSURE | RADAR-PRES-SYSTEM.SA-377/U | AIR | 504.294 | 595.087 | 50 | .12691 | 65 | 1198 | 53030000 |
| PRESSURE | BOMB-NAVIGATION-SYSTEM | AIR | 583.333 | 838.666 | 62 | .024 | 63 | 1111 | 53032000 |
| PRESSURE | INFRARED-SEARCH-AND-TRACK | AIR | 632 | | 1 | | 66 | 2006 | 53034000 |
| PRESSURE | RADAR-PRES-SYSTEM.SA-377/U | AIR | 659.09 | 784.465 | 102 | .088 | 63 | 1114 | 53036000 |
| PRESSURE | FUEL-SUPPLY-LINE.MAIN-ENGINE | AIR | 680 | 774.676 | | .15 | 63 | 1123 | 53038000 |
| PRESSURE | | GRD | 714.285 | 2778.35 | 150 | .0014 | 62 | 1159 | 53040000A |
| PRESSURE | ENGINE-FUEL-SYSTEM | AIR | 759.089 | 942.603 | 192 | .09006 | 66 | 1225 | 53042000 |
| PRESSURE | | GRD | 913.242 | 2430.27 | 34 | .06219 | 62 | 1113 | 53044000 |

PART CLASS 791 SWITCHES, ELECTRICAL

| PART DESCRIPTION .OC N.O.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| PRESSURE | | GRD | 913.242 | 2430.27 | | .00219 | 62 | 2L3 | 53046000 |
| PRESSURE | FUEL.FLOW-EQUALIZER | AIR | 914.285 | 1158.36 | 320 | .035 | 61 | 1080 | 53048000A |
| PRESSURE | CONSTANT-SPEED-DRIVE | AIR | 971.428 | 1271.81 | 320 | .035 | 61 | 1080 | 53050000A |
| PRESSURE | | GRD | 1125 | 1775.75 | | .008 | 63 | 2240 | 53052000 |
| PRESSURE | WARNING.AIRSPEED/ALTITUDE | AIR | 1330.39 | 1397.64 | 597 | .51789 | 67 | 1272 | 53054000 |
| PRESSURE | INFRARED-SEARCH-AND-TRACK | AIR | 1404 | | 1 | | 66 | 2006 | 53056000 |
| PRESSURE | NO-3-HYDRAULIC-SYSTEM | AIR | 2431.31 | 2773.51 | 76 | .04113 | 66 | 1250 | 53058000A |
| PRESSURE | NO-3-HYDRAULIC-SYSTEM | AIR | 2629.44 | 3098.78 | 48 | .02472 | 65 | 1227 | 53060000 |
| PRESSURE | | GRD | 4651.160 | 8164.410 | | .001290 | 66 | 2M1 | 53062000 |
| PRESSURE. | RAIN-REPELLANT-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 53064000 |
| PRESSURE. | POWER.AILERON-CONTROL-SYSTEM | AIR | 70.212 | 219.331 | 304 | .1645 | 66 | 1250 | 53066000 |
| PRESSURE. | POWER-UNIT.RUDDER-CONTROL-SYSTEM | AIR | 267.477 | 326.945 | 304 | .1645 | 66 | 1250 | 53068000 |
| PRESSURE.ABSOLUTE | | SFM MSL | 25000 | 97242.9 | 73 | .00004 | 63 | 1106 | 53070000A |
| PRESSURE.ABSOLUTE | INSTRUMENT-COOL | GRD | 43333.30 | 63193.10 | 12 | .00030 | 66 | 1245 | 53072000A |
| PRESSURE.ABSOLUTE.SNAP-ACTION.MULTIPLE-DIAPHRAM | INSTRUMENT-COOL | MSL | 100000 | 368970 | 24 | .00001 | 63 | 1106 | 53074000A |
| | | GRD | * | 230260 | 6 | .00010 | 66 | 1245 | 53076000A |
| PRESSURE.AIR-WARNING | | AIR | * | 95.9416 | 62 | .024 | 63 | 1111 | 53078000 |
| PRESSURE.ALTITUDE | WARNING.LANDING-GEAR | AIR | 11.5854 | 20.3385 | 597 | .51789 | 67 | 1272 | 53080000 |
| PRESSURE.BAROMETRIC | FLIGHT-CONTROL-SYSTEM | GRD | 379.746 | 845.67 | | .0079 | 62 | 1135 | 53082000 |
| PRESSURE.DIAPHRAGM | | AIR | 23 | | | | 57 | 2L1 | 53084000 |
| PRESSURE.DIFF.ENG | FILTER.CONSTANT-SPEED-DRIVE-OIL-SYSTEM | AIR | 323.624 | 410.019 | 192 | .09888 | 65 | 1227 | 53086000 |
| PRESSURE.DIFFERENTIAL | ENGINE-COMPRESS | AIR | * | 41.8654 | 320 | .035 | 61 | 1080 | 53088000A |
| PRESSURE.DIFFERENTIAL | AIR-CONDITIONED.FLIGHT-DECK | AIR | * | 19.7868 | 100 | .11697 | 65 | 1198 | 53090000 |
| PRESSURE.DIFFERENTIAL | AIR-CONDITIONED.FLIGHT-DECK | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 53092000 |
| PRESSURE.DIFFERENTIAL | TRANSMITTER.ALT6B | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 53094000 |
| PRESSURE.DIFFERENTIAL | AIR-CONDITIONED.FLIGHT-DECK | AIR | * | 27.1597 | 50 | .08478 | 65 | 1198 | 53096000 |
| PRESSURE.DIFFERENTIAL | FUEL-SYSTEM | AIR | 54.7812 | 86.3586 | 304 | .1645 | 66 | 1250 | 53098000A |
| PRESSURE.DIFFERENTIAL | TAIL-DUCT-VENTURI.ICE/RAIN-PROTECTION | AIR | 72.9394 | 93.5599 | | .39159 | 65 | 1196 | 53100000 |
| PRESSURE.DIFFERENTIAL | FUEL-SYSTEM | AIR | 80.9061 | 131.418 | 192 | .09888 | 65 | 1227 | 53102000 |
| PRESSURE.DIFFERENTIAL | AIR-BRAKE-VALVE | HELI | 252.336 | 326.721 | 153 | .107 | 66 | 1234 | 53104000A |
| PRESSURE.DUAL | FUEL-SYSTEM | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 53106000 |
| PRESSURE.ELECTRIC | | | * | .1477160 | | 15.588C | 63 | 2231 | 53108000 |
| PRESSURE.ELECTRIC | | | .00103 | | | | 63 | 2231 | 53110000 |
| PRESSURE.FUEL | ENGINE | HELI | 28.4067 | 112.419 | 40 | .0349 | 66 | 1257 | 53112000 |
| PRESSURE.FUEL | ENGINE | HELI | 78.9285 | 307 | 40 | .01787 | 66 | 1257 | 53114000 |
| PRESSURE.FUEL | ENGINE | HELI | 185.185 | 720.314 | 20 | .0054 | 66 | 1257 | 53116000 |
| PRESSURE.FUEL | ENGINE-CUTOFF | HELI | 185.185 | 720.314 | 20 | .0054 | 66 | 1257 | 53118000 |
| PRESSURE.FUEL | ENGINE-CUTOFF | GRD | 769.230 | 2992.070 | 42 | .00130 | 66 | 1245 | 53120000A |
| PRESSURE.FUEL.INDICATOR | | GRD | 2272.720 | 4215.770 | 47 | .00220 | 66 | 1245 | 53122000A |
| PRESSURE.FUEL-REGULATING.DUAL-ELEMENT | | GRD | 2500C | 6652.870 | 32 | .00080 | 66 | 1245 | 53124000A |
| | | AIR | 15.8786 | 25.0635 | 500 | .5668 | 66 | 1277 | 53126000 |

PART CLASS 291 SWITCHES, ELECTRICAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| PRESSURE.HIGH.3100PSIG | | GRD | 20357.1C | 24267.5C | 79 | .00256 | 66 | 1245 | 53128000A |
| PRESSURE.HYDRAULIC | WARNING | AIR | 5 | 32.8942 | 640 | .07 | 61 | 1080 | 53130000A |
| PRESSURE.HYDRAULIC | ENGINE | AIR | 10.8695 | 42.2793 | 320 | .092 | 59 | 1116 | 53132000 |
| PRESSURE.HYDRAULIC | | HELI | 28.9017 | 112.419 | 40 | .0346 | 66 | 1257 | 53134000 |
| PRESSURE.HYDRAULIC | | AIR | 52.6315 | 117.207 | | .057 | 61 | 1084 | 53136000 |
| PRESSURE.HYDRAULIC | | AIR | 147.239 | 172.068 | | .489 | 61 | 1083 | 53138000 |
| PRESSURE.HYDRAULIC | | AIR | 163.265 | 229.097 | | .098 | 61 | 1082 | 53140000 |
| PRESSURE.HYDRAULIC | PRIMARY/AUXILIARY-SERVOS | HELI | 235.644 | 281.96 | 302 | .214 | 66 | 1234 | 53142000A |
| PRESSURE.HYDRAULIC | TRANSMITTER-WARNING | AIR | 286.268 | 365.25 | 640 | .111 | 61 | 1080 | 53144000A |
| PRESSURE.HYDRAULIC | PUMP | AIR | 333.333 | 742.311 | 32 | .009 | 59 | 1116 | 53146000 |
| PRESSURE.HYDRAULIC | | HELI | 567.647 | 681.963 | 40 | .0136 | 66 | 1257 | 53148000 |
| PRESSURE.HYDRAULIC | | AIR | 800 | 1598.71 | 16 | .005 | 59 | 1110 | 53150000 |
| PRESSURE.HYDRAULIC | | HELI | 1105.99 | 1638.83 | 40 | .01085 | 66 | 1257 | 53152000 |
| PRESSURE.HYDRAULIC | POWER.CONTROL-SYSTEM | GRD | 4347.82 | 6898.54 | | .0023 | 62 | 1135 | 53154000 |
| PRESSURE.HYDROGEN | HYDROGEN.AND.OXYGEN.SYSTEM.MODULES | QUAL TEST | 333.333C | 887.05C | 8 | .006C | 66 | 2340 | 53156000A |
| PRESSURE.HYDROGEN.260PSI | | LAB | 333.333C | 887.05C | 8 | .006C | 66 | 1264 | 53158000A |
| PRESSURE.INDICATOR | | AIR | 107.173 | 121.423 | 1194 | 1.0357 | 67 | 1272 | 53160000A |
| PRESSURE.LIGHT | FUEL-SYSTEM | AIR | 16.129 | 62.737 | 272 | .062 | 63 | 1114 | 53162000 |
| PRESSURE.LIGHT | FUEL-SYSTEM | AIR | 122.454 | 145.976 | 400 | .46548 | 65 | 1198 | 53164000 |
| PRESSURE.LIGHT | FUEL-SYSTEM | AIR | 124.645 | 152.358 | 408 | .353 | 63 | 1114 | 53166000 |
| PRESSURE.LIGHT | FUEL-SYSTEM | AIR | 128.046 | 150.901 | 200 | .50763 | 65 | 1198 | 53168000 |
| PRESSURE.LIGHT | FUEL-SYSTEM | AIR | 368.601 | 414.55 | 200 | .33912 | 63 | 1198 | 53170000 |
| PRESSURE.LIGHT | FUEL-SYSTEM | AIR | 387.959 | 438.322 | 200 | .299 | 63 | 1114 | 53172000 |
| PRESSURE.LOW | ENGINE/CONSTANT-SPEED-DRIVE-OIL-SYSTEM | AIR | 133.738 | 178.238 | 304 | .1645 | 66 | 1250 | 53174000A |
| PRESSURE.LOW | HYDRAULIC-SUPPLY | AIR | 258.333 | 295.727 | 186 | .072 | 63 | 1111 | 53176000 |
| PRESSURE.LOW | ENGINE/CONSTANT-SPEED-DRIVE.OIL-SYSTEM | AIR | 515.776 | 621.247 | 192 | .09888 | 65 | 1227 | 53178000 |
| PRESSURE.LOW.OIL | AUXILIARY-POWER-UNIT | AIR | 24.3131 | 94.5708 | 76 | .04113 | 66 | 1250 | 53180000A |
| PRESSURE.LOW.OIL | AUXILIARY-POWER-UNIT | AIR | 40.453 | 197.35 | 48 | .02472 | 65 | 1227 | 53182000 |
| PRESSURE.LOW.OIL-WARNING | MANIFOLD-FUEL-SYSTEM | AIR | 21.4832 | 33.0984 | 400 | .46548 | 65 | 1198 | 53184000 |
| PRESSURE.LOW.OIL-WARNING | MANIFOLD-FUEL-SYSTEM | AIR | 31.1614 | 47.0202 | 408 | .333 | 63 | 1114 | 53186000 |
| PRESSURE.LOW.OIL-WARNING | MANIFOLD-FUEL-SYSTEM | AIR | 32.258 | 89.8435 | 272 | .062 | 63 | 1114 | 53188000 |
| PRESSURE.LOW.OIL-WARNING | MANIFOLD-FUEL-SYSTEM | AIR | 41.3687 | 55.5213 | 200 | .50763 | 65 | 1198 | 53190000 |
| PRESSURE.LOW.OIL-WARNING | MANIFOLD-FUEL-SYSTEM | AIR | 215.263 | 291.205 | 200 | .33912 | 63 | 1198 | 53192000 |
| PRESSURE.LOW.OIL-WARNING | MANIFOLD-FUEL-SYSTEM | AIR | 220.735 | 259.801 | 200 | .299 | 63 | 1114 | 53194000 |
| PRESSURE.LOW.OIL-WARNING | | AIR | 279.201 | 328.203 | 468 | .23997 | 66 | 1235 | 53196000 |
| PRESSURE.LOW.SPDT | | GRD | 4166.66C | 7728.91C | 90 | .0012C | 66 | 1245 | 53198000A |
| PRESSURE.OIL | SEQUENCE-1.AUXILIARY-POWER-UNIT | AIR | 24.3131 | 94.5708 | 76 | .04113 | 66 | 1250 | 53200000A |
| PRESSURE.OIL | AUXILIARY-POWER-UNIT | AIR | 40.453 | 197.35 | 48 | .02472 | 65 | 1227 | 53202000 |
| PRESSURE.OIL | AUXILIARY-POWER-UNIT | AIR | 111.111 | 432.188 | 32 | .009 | 59 | 1110 | 53204000 |
| PRESSURE.OIL | GAS-TURBINE-COMPRESSOR.AUXILIARY-POWER-PLANT | AIR | 153.393 | 354.82 | 68 | .015 | 63 | 1114 | 53206000 |
| PRESSURE.OIL | | AIR | 163.636 | 258.29 | 320 | .055 | 61 | 1080 | 53208000 |
| PRESSURE.OIL | GAS-TURBINE-COMPRESSOR.AUXILIARY-POWER-PLANT | AIR | 214.832 | 281.096 | 100 | .11637 | 65 | 1198 | 53210000 |

PART CLASS 791 SWITCHES, ELECTRICAL

| PART DESCRIPTION .DD N.O.C | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF APT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| PRESSURE.OIL | GAS-TURBINE-COMPRESSOR. AUXILIARY-POWER-PLANT | AIR | 250 | 333.184 | 102 | .088 | 63 | 1114 | 53212000 |
| PRESSURE.OIL | GAS-TURBINE-COMPRESSOR. AUXILIARY-POWER-PLANT | AIR | 253.333 | 345.347 | 90 | .079 | 63 | 1114 | 53214000 |
| PRESSURE.OIL | GAS-TURBINE-COMPRESSOR. AUXILIARY-POWER-PLANT | AIR | 259.495 | 845.039 | 90 | .08478 | 63 | 1198 | 53214000 |
| PRESSURE.OIL | GAS-TURBINE-COMPRESSOR. AUXILIARY-POWER-PLANT | AIR | 390.943 | 406.496 | 90 | .12691 | 65 | 1198 | 53218000 |
| PRESSURE.OIL | DIFFERENTIAL-TRANSMISSION | HELI | 336.448 | 420.395 | 151 | .107 | 64 | 1234 | 53220000A |
| PRESSURE.OXYGEN | HYDROGEN.AND.OXYGEN.SYSTEM.MODULES | AIR | 992.753 | 1110.52 | | .138 | 59 | 1070 | 53222000 |
| PRESSURE.OXYGEN.285PSI | | QUAL TEST | * | 383.766C | 8 | .0046C | 66 | 2340 | 53224000A |
| PRESSURE.PNEUMATIC | ZONE-2-COOLING | LAB | * | 383.766C | 8 | .0046C | 66 | 1264 | 53226000A |
| PRESSURE.PNEUMATIC | ZONE-2-COOLING | AIR | * | 23.2468 | 192 | .00888 | 65 | 1227 | 53228000 |
| PRESSURE.PNEUMATIC | | AIR | 18.237 | 40.4127 | 384 | .1445 | 66 | 1250 | 53230000A |
| PRESSURE.PNEUMATIC | | AIR | 207.207 | 274.354 | 640 | .111 | 61 | 1080 | 53232000A |
| PRESSURE.PNEUMATIC.NORMAL-CLOSED | | AIR | 337.142 | 462.478 | | .014 | 61 | 1082 | 53234000 |
| PRESSURE.SENSING | CARGO-COMPARTMENT-OXYGEN-SYSTEM | AIR | 612.587 | 1224.12 | 43 | .00653 | 66 | 1240 | 53236000A |
| PRESSURE.SENSING | C/C-OXYGEN-SYSTEM | AIR | 72.5394 | 162.431 | 76 | .04113 | 66 | 1250 | 53238000A |
| PRESSURE.SENSING | COCKPIT | AIR | 121.399 | 270.258 | 48 | .02972 | 65 | 1227 | 53240000 |
| PRESSURE.STABILITY-AUGMENTER.AUTO-PILOT | | AIR | 142.857 | 264.991 | 320 | .035 | 61 | 1080 | 53242000A |
| PRESSURE.STEP-DIFFERENTIAL.FUEL.HEATER-THERMOSTAT | | AIR | 27.0327 | 38.8693 | 197 | .01789 | 67 | 1272 | 53244000 |
| PRESSURE.STEP-DIFFERENTIAL.LOX | | GRD | 15000C | 22226.9C | 14 | .0000C | 66 | 1248 | 53246000A |
| PRESSURE.SUBMINIATURE | MOTOR-BRAKE | GRD | 11290C | 17757.5C | 14 | .0000C | 66 | 1245 | 53248000A |
| PRESSURE.WARNING | FUEL-SYSTEM | HELI | 443.929 | 508.162 | 302 | .214 | 66 | 1234 | 53250000A |
| PRESSURE.WARNING | FUEL-SYSTEM | AIR | 32.258 | 85.8435 | 272 | .062 | 63 | 1114 | 53252000 |
| PRESSURE.WARNING | FUEL-SYSTEM | AIR | 36.3214 | 50.7134 | 400 | .46548 | 65 | 1198 | 53254000 |
| PRESSURE.WARNING | ENGINE-OIL | AIR | 65.1558 | 86.2699 | 408 | .353 | 63 | 1114 | 53256000 |
| PRESSURE.WARNING | FUEL-SYSTEM | AIR | 69.735 | 117.263 | | .10038 | 63 | 1123 | 53258000 |
| PRESSURE.WARNING | FUEL-SYSTEM | AIR | 76.8276 | 95.1265 | 200 | .30763 | 65 | 1198 | 53260000 |
| PRESSURE.WARNING | FUEL-SYSTEM | AIR | 167.224 | 201.804 | 200 | .299 | 63 | 1114 | 53262000 |
| PRESSURE.WARNING | AIRSPEED/ALTITUDE | AIR | 171.03 | 203.565 | 200 | .33912 | 63 | 1198 | 53264000 |
| PRESSURE.WARNING | AIRSPEED/ALTITUDE | AIR | 1268.92 | 1414.92 | 473 | .11427 | 65 | 1228 | 53266000 |
| PRESSURE.WARNING-CIRCUITS | | AIR | 1711.15 | 1904.47 | 406 | .08766 | 64 | 1179 | 53268000 |
| PRESSURE.750PSIG.SPDT.GN2 | | GRD | 200 | 777.94 | 10 | .005 | 59 | 1110 | 53270000 |
| PRESSURE-ACTUATION | | AIR | 4615.38C | 8101.61C | 25 | .0013C | 66 | 1245 | 53272000A |
| PRESSURE-ACTUATION | | AIR | .41P | | | | 65 | 2590 | 53274000 |
| PRESSURE-ACTUATION | | AIR | 1.01P | | | | 65 | 2590 | 53276000 |
| PRESSURE-ACTUATION.EMPTY-WARNING | | AIR | 1.55P | | | | 65 | 2590 | 53278000 |
| PRESSURE-ACTUATION.EMPTY-WARNING-AUXILIARY | | AIR | .1P | | | | 65 | 2590 | 53280000 |
| | | AIR | .4P | | | | 65 | 2590 | 53282000 |

PART CLASS 791 SWITCHES, ELECTRICAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| PRESSURE-ACTUATION. | | AIR | .41P | | | | 65 | 2590 | 53284000 |
| FUEL-PRESSURE-WARNING PRESSURE-ACTUATION. | | AIR | .74P | | | | 65 | 2590 | 53286000 |
| FUEL-PRESSURE-WARNING PRESSURE-ACTUATION. | | AIR | .92P | | | | 65 | 2590 | 53288000 |
| LOW-PRESSURE-WARNING PRESSURE-ACTUATION. | | AIR | 1.99P | | | | 65 | 2590 | 53290000 |
| OIL-PRESSURE PRESSURE-ACTUATION. | | AIR | 3.35P | | | | 65 | 2590 | 53292000 |
| OIL-PRESSURE PRESSURE-ACTUATION. | | AIR | .15P | | | | 65 | 2590 | 53294000 |
| PRESSURE.MANIFOLD PRESSURE-ACTUATION. | | AIR | .42P | | | | 65 | 2590 | 53296000 |
| PRESSURE.MANIFOLD PRESSURE-ACTUATION. | | AIR | .66P | | | | 65 | 2590 | 53298000 |
| SCAVENGE-FLOW PRESSURE-ACTUATION. | | AIR | 1P | | | | 65 | 2590 | 53300000 |
| SCAVENGE-FLOW PRESSURE-ACTUATION.PRESSURE | | AIR | 1.1P | | | | 65 | 2590 | 53302000 |
| PRESSURE-OVERRIDE | RUDDER-CONTROL-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 53304000 |
| PRESSURE-OVERRIDE | RUDDER-CONTROL-SYSTEM | AIR | 24.3131 | 94.5708 | 76 | .04113 | 66 | 1250 | 53306000 |
| PRESSURE-RELIEF | AIR-CONDITIONING | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 53308000 |
| PRESSURE-RELIEF.LOX-SPDT | PNEUMATIC-ACT | GRD | 14615.3C | 19925C | 29 | .0013C | 66 | 1245 | 53310000A |
| PRESSURE-WATER-INJECTION-TANK-373C | WATER-INJECTION.707-131 | AIR | 110P | | | | 66 | 2361 | 53312000 |
| PRESSURE-WATER-INJECTION-TANK-373C | WATER-INJECTION.707-131 | AIR | 910P | | | | 65 | 2361 | 53314000 |
| PRESSURE-WI-TANK-373C | WATER-INJECTION.707-131 | AIR | 300P | | | | 65 | 2362 | 53316000 |
| PRESSURE-WI-TANK-373C | WATER-INJECTION.707-131 | AIR | 340P | | | | 66 | 2362 | 53318000 |
| PRESSURE-WI-TANK-373C | WATER-INJECTION.707-131 | AIR | 620P | | | | 66 | 2362 | 53320000 |
| PROPELLER-FEATHER | | AIR | 400P | | | | 65 | 2230 | 53322000 |
| PUSH | (STORAGE) | | * | 41.4882 | | .0955 | 66 | 251 | 533240000A |
| PUSH | (STORAGE) | | * | 6.22492 | | .3499 | 66 | 232 | 533240000A |
| PUSH | (STORAGE) | | * | 12.9723 | | .1775 | 66 | 251 | 53326000 |
| PUSH | | GRD | .146091 | .388744 | 1918 | 13.691 | 66 | 1210 | 53330000 |
| PUSH | | GEN | .063 | | | | U | 2001 | 53332000 |
| PUSH.BUTTON | (CONTACT-SET) | | .2 | | | | 66 | 201 | 53334000 |
| PUSH.BUTTON | (STORAGE) | | | | | | 65 | 2446 | 53336000 |
| PUSH.BUTTON | (STORAGE) | NSL | .2 | | | | 62 | 2240 | 53338000 |
| PUSH.BUTTON | | SHP | .42 | | | | U | 2001 | 53340000 |
| PUSH.BUTTON | | GEN | .42 | | | | U | 2001 | 53342000 |
| PUSH.BUTTON | DIGITAL | GRD | 1.6 | | | .634 | 59 | 2001 | 53344000 |
| PUSH.BUTTON | (CONTACT-SET) | GEN | 3.1 | | | | U | 2001 | 53346000 |
| PUSH.BUTTON | | GEN | 3.4 | | | | U | 2001 | 53348000 |
| PUSH.BUTTON | RADAR | AIR | 22 | | | .568 | 58 | 2001 | 53350000 |
| PUSH.BUTTON | | | 26.0336 | 30.0001 | | .559 | 58 | 212 | 53350000 |

PART CLASS 701 SWITCHES, ELECTRICAL

| PART DESCRIPTION .00 N.S.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF DATA | CODES |
|---|---|---|---|---|---|---|---|---|
| PUSH-BUTTON | | AIP | 27 | | | .599 | 57 | |
| PUSH-BUTTON | BOMB-NAVIGATION | AIR | 42 | | | .560 | 58 | |
| PUSH-BUTTON | BOMB-NAVIGATION | AIR | 44.5 | | | | 59 | |
| PUSH-BUTTON,MIL-S-9749 | | SIN AIR | 0 | 83.1858 | 219 | .0277 | 66 | |
| PUSH-BUTTON | | SIN AIR | 0 | 278.891 | 8 | .00028 | 64 | |
| PUSH-BUTTON | | SIN AIR | 0 | 1881.72 | 4 | .00205 | 64 | |
| PUSH-BUTTON | | LAB | 0 | 289.327 | 21 | .011 | 66 | |
| PUSH-BUTTON | | GRD | 0 | 169.971 | | .014 | 60 | |
| PUSH-BUTTON | | SIN GRD | 0 | 71.9562 | | .032 | 63 | |
| PUSH-BUTTON | RAIN-REPELLANT-SYSTEM | AIR | 0 | 46.5736 | 96 | .00044 | 65 | |
| PUSH-BUTTON | (STRESS-RATION.1) | LAB | 0 | 499.479 | 9 | .00461 | 64 | |
| PUSH-BUTTON | | SIN AIR | 0 | 143.912 | | .016 | 62 | |
| PUSH-BUTTON | | AIR | 0 | 5.87398 | 490 | .392 | 64 | |
| PUSH-BUTTON | RAIN-REPELLANT-SYSTEM | AIR | 0 | 27.3917 | 152 | .00226 | 66 | |
| PUSH-BUTTON | (PER-CONTACT-SET) | LAB | .063 | | | | 63 | |
| PUSH-BUTTON | .(C-AND-D) | LAB | 1.3629 | 2.74344 | 648 | 3.839 | 65 | |
| PUSH-BUTTON | | LAB | 1.78343 | 3.13854 | 648 | 3.3643 | 65 | |
| PUSH-BUTTON | .(C1-AND-D1) | AIR | 3 | | | | 61 | |
| PUSH-BUTTON | | LAB | 3.08198 | 4.86334 | 162 | .9734 | 65 | |
| PUSH-BUTTON | | LAB | 3.51238 | 7.02185 | 162 | .85412 | 65 | |
| PUSH-BUTTON | | GRD | 6 | | | | 63 | |
| PUSH-BUTTON | .(0-10-ACTUATIONS/HR) | GRD | 6 | | | | 63 | |
| PUSH-BUTTON | INTERIOR-LIGHTING | AIR | 6.07902 | 23.6495 | 304 | .1645 | 65 | |
| PUSH-BUTTON | INTERIOR-LIGHTING | AIR | 10.1132 | 25.3372 | 192 | .09886 | 64 | |
| PUSH-BUTTON | | AIR | 11.8343 | 31.4928 | 490 | .169 | 65 | |
| PUSH-BUTTON | .(11-20-ACTIONS/HR) | GRD | 12 | | | | 64 | |
| PUSH-BUTTON | .(21-30-ACTIONS/HR) | GRD | 18 | | | | 65 | |
| PUSH-BUTTON | | SIN AIR | 18.5105 | 49.2805 | 487 | .1108 | 65 | |
| PUSH-BUTTON | | AIR | 38.4615 | 149.603 | | .026 | 63 | |
| PUSH-BUTTON | | AIR | 200 | 777.94 | 40 | .005 | 62 | |
| PUSH-BUTTON.DPDT | (77F) | LAB | 0 | 18.362 | 38 | .1254 | 65 | |
| PUSH-BUTTON.MIL-S-6743 | | SIN AIR | 0 | 175.77 | 65 | .0131 | 65 | |
| PUSH-BUTTON.SENSITIVE. SUBMINIATURE | (PER-CONTACT-SET) | LAB | .06 | | | | 63 | |
| PUSH-BUTTON.SPST | | | | | | | | |
| PUSH-BUTTON.SPST. MIL-MS25089-4C | (1.28MA.19V.20CPM) | LAB | 0 | 9.9766 | 68 | .2388 | 65 | |
| PUSH-BUTTON.WITH-SHIELD | | LAB | 0 | 21.9718C | 1 | .1048C | 65 | |
| PUSH-BUTTON.2-CIRCUIT | | AIR | 0 | 57.562 | 349 | .95 | 61 | |
| PUSH-BUTTON.4PDT. 28V-WELDING-COIL | (800MA,24V,20CPM) | AIR | 34.1842 | 54.9991 | 1788 | .304 | 61 | |
| | | LAB | 0 | 22.98C | 1 | .1093C | 65 | |
| PUSH-PULL.EMERGENCY | FIRE-EXTINGUISHING-SYSTEM | AIR | 2.18189 | 8.38765 | 288 | .03934 | 65 | |
| PUSH-PULL.EMERGENCY | FIRE-EXTINGUISHING-SYSTEM | AIR | 9.15596 | 11.0819 | 500 | .38189 | 65 | |
| PUSH-PULL.EMERGENCY | FIRE-EXTINGUISHING-SYSTEM | AIR | 25.9495 | 29.1558 | 250 | .4239 | 63 | |
| PUSH-PULL.EMERGENCY | FIRE-EXTINGUISHING-SYSTEM | AIR | 29.3333 | 44.2817 | 250 | .375 | 63 | |

PART CLASS 751 SWITCHES, ELECTRICAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .60 N.O.C. | | | | | | | | | |
| RESET | AMPLIFIER.REFUELING-SYSTEM | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 53436000 |
| RESET | PITCH-TRIM-ACTUATOR | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 53438000 |
| RESET | WING-SPOILER-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 53440000 |
| RESET | ASYMMETRY.WING-FLAP-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 53442000 |
| RESET | PITCH-TRIM-ACTUATOR | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 53444000 |
| RESET | WING-SPOILER-SYSTEM | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 53446000 |
| RESET | ASYMMETRY.WING-FLAP-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 53448000A |
| RF | TACAN-RADIO.AN/ARN-21C | AIR | 12.1565 | 47.2854 | 152 | .08226 | 66 | 1250 | 53450000A |
| RF | TACAN-RADIO.AN/ARN-21C | AIR | 46.453 | 107.651 | 96 | .04944 | 65 | 1227 | 53452000 |
| RF | TACAN-RADIO.AN/ARN-65 | AIR | 227.531 | 256.105 | 473 | .11427 | 65 | 1228 | 53454000 |
| RF | AN/ARC-34X.UHF-COMMUNICATION | AIR | 342.231 | 437.087 | 406 | .08766 | 64 | 1179 | 53456000 |
| RF | AN/ARC-34X.UHF-COMMUNICATION | AIR | 358.799 | 441.848 | 473 | .11427 | 65 | 1228 | 53458000 |
| RF | TACAN-RADIO.AN/ARN-65 | AIR | 382.32 | 419.546 | 597 | .51789 | 67 | 1272 | 53460000 |
| RF | TACAN-RADIO.AN/ARN-65 | AIR | 416.677 | 513.096 | 406 | .08766 | 64 | 1179 | 53462000 |
| RF | AN/ARC-34X.UHF-COMMUNICATION | AIR | 498.175 | 540.321 | 597 | .51789 | 67 | 1272 | 53464000 |
| RF-LINE | UHF-COMMUNICATION-SYSTEM.AN/ARC-90 | AIR | 46.453 | 107.651 | 96 | .04944 | 65 | 1227 | 53466000 |
| RF-LINE | UHF-COMMUNICATION-SYSTEM.AN/ARC-90 | AIR | 66.6263 | 97.1742 | 152 | .08226 | 66 | 1250 | 53468000A |
| ROTARY | | LAB | * | 104.19 | 42 | .0221 | 66 | 1233 | 53470000A |
| ROTARY | | LAB | * | 76.7021 | 6 | .030 2 | 66 | 1269 | 53472000 |
| ROTARY | | LAB | * | 92.104 | 27 | .025 | 65 | 1224 | 53474000A |
| ROTARY | (77F) | LAB | * | 19.85 | 32 | .116 | 65 | 1217 | 53476000 |
| ROTARY | | SIM AIR | * | 91.5182 | 92 | .02516 | 65 | 1195 | 53478000A |
| ROTARY | | GRD | * | 79.4 | 27 | .029 | 65 | 1193 | 53480000 |
| ROTARY | | GRD | * | 150.595 | 3 | .01529 | 65 | 1189 | 53482000A |
| ROTARY | | SIM AIR | * | 191.883 | | .042 | 63 | 1103 | 53484000A |
| ROTARY | | AIR | * | 67.7235 | | .034 | 63 | 1104 | 53486000 |
| ROTARY | | GRD | * | 1023.37 | 152 | .00225 | 62 | 1159 | 53488000A |
| ROTARY | (STRESS-RATIO=.1) | LAB | * | 249.739 | 18 | .00922 | 64 | 1154 | 53490000 |
| ROTARY | | SIM AIR | * | 549.546 | 8 | .00419 | 64 | 1151 | 53492000A |
| ROTARY | | SIM GRD | * | 54.8238 | | .042 | 63 | 1104 | 53494000 |
| ROTARY | | SIM AIR | * | 138.961 | 16 | .01657 | 64 | 1150 | 53496000A |
| ROTARY | | SIM AIR | * | 36.5492 | | .063 | 63 | 1100 | 53498000 |
| ROTARY | DIGITAL | GRD | * | 5.29333 | | .435 | 59 | 2001 | 53500000 |
| ROTARY | | GRD | * | 41.8654 | | .055 | 63 | 1100 | 53502000 |
| ROTARY | | LAB | .01 | | | | 62 | 2240 | 53504000A |
| ROTARY | | GRD | .025 | | | | 63 | 4098 | 53506000 |
| ROTARY | (STORAGE) | MSL | .1 | | | | 65 | 2440 | 53508000 |
| ROTARY | | GEN | .13 | | | | U | 2001 | 53510000 |
| ROTARY | (CONTACT-SET) | GEN | .175 | | | | U | 2001 | 53512000 |
| ROTARY | (PER-CONTACT-SET) | LAB | .18 | | | | 63 | 1138 | 53514000 |
| ROTARY | | GEN | .38 | | | | U | 2001 | 53516000 |
| ROTARY | | LAB | 1.48588 | 3.95416 | | 1.346 | 66 | 1230 | 53518000A |
| ROTARY | | AIR | 2.20959 | 3.71556 | | 3.168 | 62 | 2240 | 53520000 |
| ROTARY | CONTROL.FUEL-SYSTEM | AIR | 2.21043 | 8.59792 | 836 | .4524 | 66 | 1250 | 53522000A |
| ROTARY | | AIR GND | 3.47584 | 7.74047 | | .8631 | 66 | 216 | 53524000 |

PART CLASS 701 SWITCHES, ELECTRICAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | TH OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| ROTARY | CONTROL.FUEL-SYSTEM | AIR | 3.67755 | 14.3645 | 528 | .27192 | 65 | 1237 | [illegible] |
| ROTARY | CONTROL.FUEL-SYSTEM | AIR | 7.81189 | 12.0355 | 1100 | 1.2801 | 65 | 1198 | 53926000 |
| ROTARY | CONTROL.FUEL-SYSTEM | AIR | 9.87966 | 13.2901 | 350 | .88836 | 65 | 1198 | 53926000 |
| ROTARY | | AIR | 8 | | | | 61 | 1060 | 53932000 |
| ROTARY | (CONTACT-SET) | GEN | 8 | | | | U | 2001 | 53934000 |
| ROTARY | CONTROL.FUEL-SYSTEM | AIR | 8.09061 | 15.0076 | 714 | .618 | 63 | 1114 | 53936000 |
| ROTARY | SYN-TEST.TACHOMETER.ENGINE | AIR | 8.59328 | 35.4252 | 100 | .11637 | 65 | 1198 | 53938000 |
| ROTARY | | GEN | 9 | | | | 62 | 1078 | 53940000 |
| ROTARY | | LAB | 10.023 | 38.9866 | 34 | .09977 | 64 | 1137 | 53942000 |
| ROTARY | CONTROL.FUEL-SYSTEM | AIR | 10.3209 | 17.3553 | 400 | .67823 | 63 | 1178 | 53944000 |
| ROTARY | CONTROL.FUEL-SYSTEM | AIR | 11.6861 | 19.6509 | 400 | .599 | 63 | 1114 | 53946000 |
| ROTARY | | SIM AIR | 11.9363 | 18.8408 | 3400 | .754 | 63 | 1108 | 53948000 |
| ROTARY | RADAR | GRD | 13 | | | .072 | U | 2001 | 53950000 |
| ROTARY | DC-POWER-SUPPLY | AIR | 15.7591 | 41.9375 | 50 | .12691 | 65 | 1198 | 53952000 |
| ROTARY | BOMB-NAVIGATION | AIR | 16 | | | 1.129 | 58 | 2001 | 53954000 |
| ROTARY | BOMB-NAVIGATION | AIR | 17 | | | .049 | 57 | 2001 | 53956000 |
| ROTARY | DC-POWER-SUPPLY | AIR | 17.1865 | 45.736 | 100 | .11637 | 65 | 1198 | 53958000 |
| ROTARY | | AIR GND | 17.6478 | 25.0793 | | .849 | 58 | 2L2 | 53960000 |
| ROTARY | | AIR GND | 20 | | | | 58 | 2L2 | 53962000 |
| ROTARY | AUTO-FLIGHT-CONTROL | AIR | 20 | | | | 57 | 2001 | 53964000 |
| ROTARY | REMOTE/LOCAL-FUNCTION-CONTROL | GRD | 21.8221 | 35.4465 | | .3666 | 65 | 1223 | 53966000 |
| ROTARY | | AIR | 22.0284 | 85.6762 | 360 | .0454 | 62 | 1095 | 53968000 |
| ROTARY | DC-POWER-SUPPLY | AIR | 22.7272 | 40.4806 | 102 | .088 | 63 | 1114 | 53970000 |
| ROTARY | | SIM AIR | 24.0384 | 44.5099 | 1088 | .208 | 63 | 1108 | 53972000 |
| ROTARY | FUEL-DISTRIBUTION | AIR | 26.8456 | 43.6063 | 775 | .298 | 63 | 1111 | 53974000 |
| ROTARY | | AIR GND | 27.2727 | 33.7686 | | 1.43 | 57 | 2L2 | 53976000 |
| ROTARY | RADAR | AIR | 28 | | | .84 | 57 | 2001 | 53978000 |
| ROTARY | WING-FLAP.ASYMMETRY | AIR | 28.1293 | 74.8565 | 126 | .0711 | 64 | 1144 | 53980000 |
| ROTARY | | GEN | 30 | | | | U | 2001 | 53982000 |
| ROTARY | | GRD | 33.6338 | 54.5995 | | .238 | 61 | 2240 | 53984000 |
| ROTARY | | AIR | 34.1 | | | | 57 | 2L1 | 53986000 |
| ROTARY | | AIR | 35.1 | | | | 62 | 2240 | 53988000 |
| ROTARY | | AIR | 35.7142 | 138.917 | 7 | .028 | 63 | 1102 | 53990000 |
| ROTARY | AC-POWER-SUPPLY | AIR | 36.0917 | 48.4391 | 500 | .59185 | 65 | 1198 | 53992000 |
| ROTARY | | AIR GND | 46.5116 | 81.8441 | | .129 | 61 | 1087 | 53994000 |
| ROTARY | GENERAL | AIR | 49 | | | | 57 | 2001 | 53996000 |
| ROTARY | | AIR SHP GRD | 50 | | | | 58 | 2L2 | 53998000 |
| ROTARY | | AIR GND | 62 | | | | 59 | 2L2 | 54000000 |
| ROTARY | AUTO-FLIGHT-CONTROL | AIR | 62 | | | | 57 | 2001 | 54002000 |
| ROTARY | AC-POWER-SUPPLY | AIR | 64.935 | 120.45 | 340 | .077 | 63 | 1114 | 54004000 |
| ROTARY | AC-POWER-SUPPLY | AIR | 110.314 | 158.6 | 50 | .12691 | 65 | 1198 | 54006000 |
| ROTARY | DC-POWER-SUPPLY | AIR | 117.952 | 181.725 | 50 | .08478 | 63 | 1198 | 54008000 |
| ROTARY | AC-POWER-SUPPLY | AIR | 125 | 189.615 | 102 | .088 | 63 | 1114 | 54010000 |
| ROTARY | DC-POWER-SUPPLY | AIR | 133.333 | 205.422 | 50 | .075 | 63 | 1114 | 54012000 |
| ROTARY | AC-POWER-SUPPLY | AIR | 160 | 237.087 | 50 | .075 | 63 | 1114 | 54014000 |

PART CLASS 701 SWITCHES, ELECTRICAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .UC N.O.C. | | | | | | | | | |
| ROTARY | AC-POWER-SUPPLY | AIR | 200.518 | 278.439 | 50 | .00478 | 63 | 1198 | 53616000 |
| ROTARY | | AIR GND | 204.545 | 322.863 | 920 | .044 | 65 | 1221 | 53618000 |
| ROTARY | | SUB | 206.333 | 810.354 | 30 | .0046 | 65 | 1246 | 53620000 |
| ROTARY | | SUB | 450.196 | 1906.71 | 9 | .00204 | 64 | 1161 | 53622000A |
| ROTARY | | GRD | 3067.48 | 5690 | 100 | .00163 | 63 | 1159 | 53624000 |
| ROTARY.ARMAMENT-SELECTOR | | AIR | 86.0585 | 229.014 | | .02324 | 63 | 1123 | 53626000A |
| ROTARY.ARMAMENT-SELECTOR. MANUAL-STEP | | AIR | * | 136.329 | | .01689 | 63 | 1123 | 53628000 |
| ROTARY.DETENT | (+1/1CCCCYC)(RL=10KC) | LAB | 2.5 | | | | 61 | 1086 | 53630000 |
| ROTARY.DETENT | (+1C/1C&CCYC)(RL=10KC) | LAB | 25 | | | | 61 | 1086 | 53632000 |
| ROTARY.HAND-OPERATED | (STRESS-RATIO=.1) | SIM SHP | * | 56.1609 | 114 | .041 | 64 | 1145 | 53634000A |
| ROTARY.HAND-OPERATED | (PER-CONTACT-SET) | LAB | .2 | | | | 63 | 1127 | 53636000 |
| ROTARY.HUBLEY-TYPE | | GRD | .10358 | .402894 | 1163 | 9.6544 | 64 | 1210 | 53638000 |
| ROTARY.MIL-S-3786 | (PER-CONTACT-SET) | GRD | .025 | | | | 65 | 1251 | 53640000 |
| ROTARY.MODE | | SUB | 526.315 | 1400.6 | 30 | .0038 | 65 | 1246 | 53642000 |
| ROTARY.MODE | | SUB | 970.873 | 3776.4 | 9 | .00103 | 64 | 1161 | 53644000A |
| ROTARY.NON-DETENT | (+,/1CCCCYC)(RL=200KC) | LAB | 10 | | | | 61 | 1086 | 53646000 |
| ROTARY.NON-DETENT | (+,/10CCCYC)(RL=200KC) | LAB | 100 | | | | 61 | 1086 | 53648000 |
| ROTARY.SOLENOID | (STORAGE) | | * | 2.07497 | | 1.1097 | 66 | 252 | 53650000A |
| ROTARY.SOLENOID-DRIVEN | | GRD | 31.4564 | 83.7102 | 8 | .06358 | 64 | 1210 | 53652000 |
| ROTARY.SOLENOID-HELD | | GEN | 5 | | | | 62 | 1078 | 53654000 |
| ROTARY.STEPPING.TELEPHONE. 12-LEVEL.26-CONTACT/LEVEL | (77F) | LAB | * | 156.639 | 2 | .0147 | 65 | 1217 | 53656000A |
| ROTARY.STEPPING.TELEPHONE. 8-LEVEL.11-CONTACT/LEVEL | (77F) | LAB | * | 343.671 | 2 | .0067 | 65 | 1217 | 53658000A |
| ROTARY.TELEPHONE-TYPE | | GRD | 8.22169 | 11.4169 | 273 | 2.0677 | 64 | 1210 | 53660000 |
| ROTARY.THUMB-WHEEL | | GRD | 52.938 | 205.913 | 3 | .01889 | 64 | 1210 | 53662000 |
| ROTARY.1-POLE.2-CIRCUIT | (77F) | LAB | * | 343.671 | 2 | .0067 | 65 | 1217 | 53664000 |
| ROTARY.3-POSITION | CABIN-AIR | AIR | 72.7272 | 145.337 | 320 | .055 | 61 | 1080 | 53666000A |
| ROTARY.5-POSITION | | AIR | 25 | 97.2425 | 360 | .04 | 61 | 1080 | 53668000A |
| ROTARY-AND-LEVER | | SHP | .38 | | | | 62 | 2240 | 53670000 |
| ROTARY-AND-TOGGLE | (STORAGE) | | .1 | | | | 66 | 2M1 | 53672000 |
| ROTARY-SOLENOID | | GRD | 23076.9 | 40508 | | .00026 | 64 | 1180 | 53674000 |
| RUDDER-AIRSPEED | FLIGHT-CONTROLS.707-1318 | AIR | 130P | | | | 66 | 2364 | 53676000 |
| RUDDER-AIRSPEED | FLIGHT-CONTROLS.707-1318 | AIR | 130P | | | | 66 | 2364 | 53678000 |
| RUDDER-AIRSPEED | FLIGHT-CONTROLS.707-1318 | AIR | 150P | | | | 66 | 2362 | 53680000 |
| RUDDER-AIRSPEED | FLIGHT-CONTROLS.707-3318 | AIR | 170P | | | | 66 | 2364 | 53682000 |
| RUDDER-AIRSPEED | FLIGHT-CONTROLS.707-3318 | AIR | 190P | | | | 66 | 2364 | 53684000 |
| RUDDER-AIRSPEED | FLIGHT-CONTROLS.707-131 | AIR | 220P | | | | 66 | 2364 | 53686000 |
| RUDDER-AIRSPEED | FLIGHT-CONTROLS.707-131 | AIR | 230P | | | | 66 | 2362 | 53688000 |
| RUDDER-AIRSPEED | FLIGHT-CONTROLS.707-131 | AIR | 230P | | | | 66 | 2364 | 53690000 |
| RUDDER-AIRSPEED | FLIGHT-CONTROLS.707-1318 | AIR | 240P | | | | 66 | 2361 | 53692000 |
| RUDDER-AIRSPEED | FLIGHT-CONTROLS.707-3318 | AIR | 240P | | | | 66 | 2362 | 53694000 |
| RUDDER-AIRSPEED | FLIGHT-CONTROLS.707-1318 | AIR | 280P | | | | 65 | 2364 | 53696000 |
| RUDDER-AIRSPEED | FLIGHT-CONTROLS.707-1318 | AIR | 320P | | | | 65 | 2362 | 53698000 |

PART CLASS 791 SWITCHES, ELECTRICAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| RUDDER-AIRSPEED | FLIGHT-CONTROLS.707-331 | AIR | 340P | | | | 65 | 2362 | 53720000 |
| RUDDER-AIRSPEED | FLIGHT-CONTROLS.707.1318 | AIR | 340P | | | | 66 | 2361 | 53702000 |
| RUDDER-AIRSPEED | FLIGHT-CONTROLS.707.131 | AIR | 460P | | | | 66 | 2361 | 53704000 |
| RUDDER-AIRSPEED | FLIGHT-CONTROLS.707-131 | AIR | 490P | | | | 66 | 2362 | 53706000 |
| RUDDER-AIRSPEED | FLIGHT-CONTROL.331C/373C | AIR | 510P | | | | 66 | 2363 | 53708000 |
| RUDDER-AIRSPEED | FLIGHT-CONTROLS.707,131 | AIR | 780P | | | | 65 | 2361 | 53710000 |
| SAFETY | LANDING-GEAR | AIR | 20.8333 | 81.0354 | 124 | .048 | 63 | 1111 | 53712 00 |
| SAFETY | CONTROL.ALT-RELEASE-SYSTEM-LANDING-GEAR | AIR | 22.8154 | 60.7192 | 406 | .08766 | 64 | 1179 | 53714000 |
| SAFETY.OIL | | | .464858 | .467558 | | 207.48 | 61 | 2237 | 53716000 |
| SECTOR | | AIR GND | 5.81395 | 22.6145 | | .172 | 63 | 1096 | 53718000 |
| SECTOR | | GEN | 8.347 | 33.2452 | | .117 | 62 | 1078 | 53720000 |
| SECTOR | | AIR GND | 16.3102 | 22.5082 | | 1.1508 | 66 | 216 | 53722000 |
| SEGMENT | | SIN AIR | * | 92.6599 | 24 | .02485 | 64 | 1150 | 53724000A |
| SEGMENT | | SIN AIR | 478.468 | 1861.1 | 4 | .00209 | 64 | 1151 | 53726000A |
| SELECTOR | VOLT/FREQUENCY.AC-POWER-SYSTEM-INSTRUMENTATION | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 53728000 |
| SELECTOR | TAB,ELEVATOR-ASSEMBLY | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 53730000 |
| SELECTOR | TURN-CONTROL.AUTOPILOT.MA-2 | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 53732000 |
| SELECTOR | P-A-SYSTEM.AN/AIC-13 | AIR | * | 23.2868 | 192 | .09888 | 65 | 1227 | 53734000 |
| SELECTOR | PHASE.AC-POWER-SYSTEM-INSTRUMENTATION | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 53736000 |
| SELECTOR | FEEL.ARTIFICIAL.ELEVATOR | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 53738000 |
| SELECTOR | FEEL.ARTIFICIAL.ELEVATOR-ASSEMBLY | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 53740000A |
| SELECTOR | RUDDER-LIMIT.AUTOPILOT.MA-2 | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 53742000 |
| SELECTOR | BRAKE.LANDING-GEAR | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 53744000 |
| SELECTOR | VOLTAGE.DC-POWER-SYSTEM-INSTRUMENT | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 53746000A |
| SELECTOR | VOLTAGE.DC-POWER-SYSTEM-INSTRUMENTATION | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 53748000 |
| SELECTOR | VOLTAGE/FREQUENCY.AC-POWER-SYSTEM-INSTRUMENT | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 53750000A |
| SELECTOR | P-A-SYSTEM.AN/AIC-13 | AIR | * | 13.9975 | 304 | .1645 | 66 | 1250 | 53752000A |
| SELECTOR | CONTROL.AUTOPILOT-SYSTEM | AIR | * | 27.1597 | 50 | .08478 | 63 | 1198 | 53754000 |
| SELECTOR | WING-SPOILER-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 53756000 |
| SELECTOR | NORMAL/EMERGENCY.ELEVATOR | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 53758000 |
| SELECTOR | BRAKE.LANDING-GEAR | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 53760000A |
| SELECTOR | AUTOPILOT.COMPUTER.AN/ASN-35 | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 53762000 |
| SELECTOR | ACCUMULATOR.AUXILIARY-POWER-UNIT | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 53764000 |
| SELECTOR | NORMAL/EMERGENCY.ELEVATOR | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 53766000 |
| SELECTOR | DOOR,HYDRAULIC.PILOT | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 53768000A |
| SELECTOR | ENGINE-INLET-FUEL-TEMPERATURE | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 53770000A |
| SELECTOR | PICKUP.ENGINE-VIBRATION | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 53772000A |
| SELECTOR | FILTER.ENGINE-VIBRATION | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 53774000A |
| SELECTOR | BOTTLE.FIRE-EXTINGUISHING-SYSTEM | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 53776000A |
| SELECTOR | PICKUP.ENGINE-VIBRATION | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 53778000 |

SECTION I FAILURE RATE DATA

PART CLASS 79E SWITCHES, ELECTRICAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 M.O.C. | | | | | | | | | |
| SELECTOR | BLEED-AIR.PNEUMATIC-SUPPLY | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 53780000 |
| SELECTOR | BOTTLE.FIRE-EXTINGUISHING-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 53790000 |
| SELECTOR | | LAB | .4878050 | 1.897410 | | 2.050 | 63 | 2213 | 53784000 |
| SELECTOR | SINGLE-POINT-REFUELING | AIR | 1.96986 | 5.24209 | 400 | 1.0153 | 65 | 1198 | 53786000 |
| SELECTOR | SINGLE-POINT-REFUELING | AIR | 2.83286 | 7.53866 | 816 | .706 | 63 | 1114 | 53788000 |
| SELECTOR | SINGLE-POINT-REFUELING | AIR | 3.81934 | 7.63253 | 900 | 1.0473 | 65 | 1198 | 53790000 |
| SELECTOR | SINGLE-POINT-REFUELING | AIR | 5.89760 | 10.9398 | 500 | .84779 | 63 | 1198 | 53792000 |
| SELECTOR | SINGLE-POINT-REFUELING | AIR | 6.67356 | 12.3827 | 500 | .749 | 63 | 1114 | 53794000 |
| SELECTOR | NAVIGATION-MODE.VHF-NAVIGATION. AN/ARN-14 | AIR | 8.59328 | 22.868 | 200 | .23274 | 65 | 1198 | 53796000 |
| SELECTOR | PHASE.AC-POWER-SYSTEM-INSTRUMENT | AIR | 24.3131 | 94.5708 | 76 | .04113 | 66 | 1250 | 53798000 |
| SELECTOR | WING-SPOILER-SYSTEM | AIR | 40.453 | 157.35 | 48 | .02472 | 65 | 1227 | 53800000 |
| SELECTOR | MASTER.AIR-CONDITION | AIR | 48.6263 | 129.401 | 76 | .04113 | 66 | 1250 | 53802000 |
| SELECTOR | ANTENNA.UHF-COMMUNICATION-SYSTEM. AN/ARC-34 | AIR | 66.6666 | 259.313 | 60 | .015 | 63 | 1114 | 53804000 |
| SELECTOR | NAVIGATION.AN/ARN-65 | AIR | 117.794 | 132.673 | 1194 | 1.0357 | 67 | 1272 | 53806000 |
| SELECTOR | TACAN-RADIO.AN/ARN-65 | AIR | 140.019 | 177.398 | 946 | .22854 | 65 | 1228 | 53808000 |
| SELECTOR | TACAN-RADIO.AN/ARN-65 | AIR | 171.115 | 218.543 | 862 | .17532 | 64 | 1179 | 53810000 |
| SELECTOR | METER | AIR | 200 | 777.94 | 16 | .005 | 59 | 1110 | 53812000 |
| SELECTOR | FUEL-QUANTITY | HELI | 200 | 351.07 | 120 | .03 | 65 | 1215 | 53814000 |
| SELECTOR | COMMAND.AUTOPILOT.MA-2 | AIR | 418.76 | 776.775 | 31 | .01194 | 63 | 1111 | 53816000 |
| SELECTOR | ANTENNA.AN/ARC-34X.UHF-COMMUNICATION | AIR | 603.933 | 708.09 | 473 | .13927 | 65 | 1228 | 53818000 |
| SELECTOR | ANTENNA.AN/ARC-34X.UHF-COMMUNICATION | AIR | 1140.77 | 1301.32 | 406 | .08766 | 64 | 1179 | 53820000 |
| SELECTOR.ANTENNA.AN/ARC-34X.UHF-COMMUNICATION | | AIR | 2915.67 | 3014.38 | 597 | .51789 | 67 | 1272 | 53822000A |
| SELECTOR.C-12 | AN/ASN-24-NAVIGATION-COMPUTER | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 53824000 |
| SELECTOR.C-12 | AN/ASN-24-NAVIGATION-COMPUTER | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 53826000A |
| SELECTOR.CADC | AN/ASN-24-NAVIGATION-COMPUTER | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 53828000 |
| SELECTOR.CADC | AN/ASN-24-NAVIGATION-COMPUTER | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 53830000 |
| SELECTOR.COAX | ENGINE.ASN-99 | AIR | * | 401.149 | | .00574 | 65 | 1180 | 53832000 |
| SELECTOR.COAX | ENGINE.INLET-FUEL-TEMPERATURE | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 53834000 |
| SELECTOR.COAX | DOOR.HYDRAULIC.PILOT | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 53836000 |
| SELECTOR.COAX | FILTER.ENGINE-VIBRATION | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 53838000 |
| SELECTOR.COAX | TACAN.AN/ARN-21.SA-521A | AIR | 40 | 89.3773 | 50 | .075 | 63 | 1114 | 53840000 |
| SELECTOR.COAX | TACAN.AN/ARN-21.SA-521A | AIR | 70.7716 | 124.228 | 50 | .08478 | 63 | 1198 | 53842000 |
| SELECTOR.COAX | ANTENNA.TACAN.AN/ARN-21 | AIR | 126.073 | 176.905 | 50 | .12691 | 65 | 1198 | 53844000 |
| SELECTOR.COAX | ANTENNA.TACAN.AN/ARN-21 | AIR | 159.09 | 228.727 | 102 | .088 | 63 | 1114 | 53846000 |
| SELECTOR.COAX | FUEL-QUANTITY | AIR | 636.363 | 797.664 | 320 | .055 | 61 | 1080 | 53848000A |
| SELECTOR.MASTER | AIR-CONDITION | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 53850000 |
| SELECTOR.MASTER | AIR-CONDITION.FLIGHT-DECK | AIR | * | 58.1435 | 50 | .12691 | 65 | 1198 | 53852000 |
| SELECTOR.MASTER | AIR-CONDITION.FLIGHT-DECK | AIR | * | 89.7868 | 100 | .11637 | 65 | 1198 | 53854000 |
| SELECTOR.MASTER | AIR-CONDITION.FLIGHT-DECK | AIR | 13.3333 | 51.8626 | 50 | .075 | 63 | 1114 | 53856000 |
| SELECTOR.MASTER | AIR-CONDITION.FLIGHT-DECK | AIR | 23.5904 | 62.7777 | 50 | .08478 | 63 | 1198 | 53858000 |
| SELECTOR.ROTARY | WINDSHIELD-WIPER-SYSTEM | AIR | * | 89.7868 | 100 | .11637 | 65 | 1198 | 53860000 |
| SELECTOR.ROTARY | | GRD | .200749 | .447058 | 1880 | 14.944 | 64 | 1210 | 53862000 |

PART CLASS 751 SWITCHES, ELECTRICAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .NO N.O.C. | | | | | | | | | |
| SELECTOR,ROTARY | GAS-TURBINE-COMPRESSOR, AUXILIARY-POWER-PLANT | AIR | 11.3636 | 44.2011 | 102 | .088 | 63 | 1114 | 53864000 |
| SELECTOR,ROTARY | GAS-TURBINE-COMPRESSOR, AUXILIARY-POWER-PLANT | AIR | 11.7952 | 45.8799 | 90 | .08478 | 63 | 1198 | 53866000 |
| SELECTOR,ROTARY | GAS-TURBINE-COMPRESSOR, AUXILIARY-POWER-PLANT | AIR | 13.3333 | 51.8626 | 90 | .075 | 63 | 1114 | 53868000 |
| SELECTOR,ROTARY | GAS-TURBINE-COMPRESSOR, AUXILIARY-POWER-PLANT | AIR | 15.7591 | 61.9375 | 50 | .12691 | 65 | 1198 | 53870000 |
| SELECTOR,ROTARY | GAS-TURBINE-COMPRESSOR, AUXILIARY-POWER-PLANT | AIR | 34.3731 | 68.6908 | 100 | .11637 | 65 | 1198 | 53872000 |
| SELECTOR,ROTARY | GAS-TURBINE-COMPRESSOR, AUXILIARY-POWER-PLANT | AIR | 66.6666 | 259.313 | 60 | .015 | 63 | 1114 | 53874000 |
| SELECTOR,[illegible]-POSITION | FUEL-QUANTITY | AIR | 612.557 | 999 | 86 | .01306 | 66 | 1240 | 53876000A |
| SENSING | | AIR | 4694.73 | 4692.51 | | .095 | 63 | 2120 | 53878000 |
| SENSITIVE | (STORAGE) | | * | 6.22492 | | .3699 | 66 | 252 | 53880000A |
| SENSITIVE | MARKER-BEACON,RADIO-NAVIGATION | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 53882000 |
| SENSITIVE | (RCS,C/O) | GRD | * | 762.45 | 4 | .00302 | 65 | 1137 | 53884000 |
| SENSITIVE | (CONTACT-SET) | GEN | .06 | | | | U | 2001 | 53886000 |
| SENSITIVE | | GEN | .51 | | | | U | 2001 | 53888000 |
| SENSITIVE | (+27/10DCVC)(RL=25KC) | LAB | 2.5 | | | | 61 | 1086 | 53890000 |
| SENSITIVE | RADAR | AIR | 7.* | | | .390 | U | 2001 | 53892000 |
| SENSITIVE | (CONTACT-SET) | GEN | 10 | | | | U | 2001 | 53894000 |
| SENSITIVE | RADAR | AIR | 17 | | | 4[illegible]5 | 57 | 2001 | 53896000 |
| SENSITIVE | | AIR | 19.6078 | 76.2686 | 400 | .051 | 62 | 1095 | 53898000 |
| SENSITIVE | | GEN | 21 | | | | U | 2001 | 53900000 |
| SENSITIVE | MARKER-BEACON,RADIO-NAVIGATION | AIR | 24.3131 | 94.5708 | 76 | .04113 | 66 | 1250 | 53902000A |
| SENSITIVE | (+27/10DCVC)(RL=25KC) | LAB | 25 | | | | 61 | 1086 | 53904000 |
| SENSITIVE | GENERAL | AIR | 29 | | | | U | 2001 | 53906000 |
| SENSITIVE | | AIR | 49.5049 | 192.559 | 110 | .0202 | 62 | 1095 | 53908000A |
| SENSITIVE | GENERAL | AIR | 263 | | | .008 | U | 2001 | 53910000 |
| SENSITIVE | | GRD | 1185.77 | 2640.63 | | .00253 | 64 | 1180 | 53912000 |
| SENSITIVE,MICRO | | SUB | 1.00414 | 1.22182 | 744 | 45.81 | 66 | 1261 | 53914000A |
| SENSITIVE,MICRO | .(0-10C-ACTUATIONS/HR) | GRD | 2.5 | | | | 65 | 1251 | 53916000 |
| SENSITIVE,MICRO | | GRD | 4 | | | | 63 | 1098 | 53918000 |
| SENSITIVE,MICRO | .(11-20-ACTUATIONS/HR) | GRD | 5 | | | | 65 | 1251 | 53920000 |
| SENSITIVE,MICRO | .(21-30-ACTUATIONS/HR) | GRD | 7.5 | | | | 65 | 1251 | 53922000 |
| SENSITIVE,MICRO | | SIM AIR | 11.3546 | 44.166 | 322 | .08807 | 65 | 1195 | 53924000A |
| SENSITIVE,SMALL | (PER-CONTACT-SET) | LAB | .06 | | | | 61 | 1138 | 53926000 |
| SENSITIVE,VOLTAGE | PANEL-ASSEMBLY | SUB | 139.86 | 472.188 | 99 | .0141 | 64 | 1161 | 53928000A |
| SEQUENCING | ZERO-CLOSE | GRD | 3OR | 66.8086 | 2 | .1R | 64 | 1134 | 53930000 |
| SHUTOFF | WARNING-HORN,OXYGEN-QUANTITY | AIR | * | 55.5834 | 76 | .04113 | 66 | 1250 | 53932000A |
| SHUTOFF | BLEED-AIR-SYSTEM | AIR | * | 27.5917 | 152 | .08226 | 66 | 1250 | 53934000 |
| SILICON-CONTROLLED | (STORAGE) | | * | 8.61639 | | .2662 | 66 | 252 | 53936000A |
| SLIDE(PLUNGER) | (PER-CONTACT-SET) | LAB | .054 | | | | 63 | 1138 | 53938000 |
| SLIDE(PLUNGER) | | AIR | [illegible] | | | | 61 | 1068 | 53940000 |

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y. NONELECTRONIC PART FAILURE RATE DATA JANUARY 19[illegible]
SECTION I FAILURE RATE DATA

PART CLASS [illegible] SWITCHES, ELECTRICAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90% CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SHEET | ENTRY REF NO |
|---|---|---|---|---|---|---|---|---|---|
| SNAP | | AIR GND | 0.6041 | 9.0931 | | 2.977 | 65 | 2750 | [illegible] |
| SNAP.ACTION,M-[illegible] .AMP | [illegible] | LIFE ACC | 3.220 | | | | 65 | 2750 | [illegible] |
| SNAP.ACTION,M-[illegible] .AMP | [illegible] | LIFE ACC | 4.449C | | | | 65 | 2750 | [illegible] |
| SNAP.ACTION,M-[illegible] .AMP | [illegible] | LIFE ACC | 5.152C | | | | 65 | 2750 | [illegible] |
| SNAP.ACTION,M-[illegible] .AMP | [illegible] | LIFE ACC | 8.811C | | | | 65 | 2750 | [illegible] |
| SNAP.ACTION,M-[illegible] .AMP | [illegible] | LIFE ACC | 11.180 | | | | 65 | 2750 | [illegible] |
| SNAP.ACTION,M-[illegible] .AMP | [illegible] | LIFE AC | 12.480 | | | | 65 | 2750 | [illegible] |
| SNAP.ACTION,M-[illegible] .AMP | [illegible] | LIFE ACC | 14.094C | | | | 65 | 2750 | [illegible] |
| SNAP.ACTION,M-[illegible] .AMP | [illegible] | LIFE ACC | 14.929C | | | | 65 | 2750 | [illegible] |
| SNAP.ACTION,M-[illegible] .AMP | [illegible] | LIFE ACC | 16.269C | | | | 65 | 2750 | [illegible] |
| SNAP.ACTION,M-[illegible] .AMP | [illegible] | LIFE ACC | 20.763C | | | | 65 | 2750 | [illegible] |
| SNAP.ACTION,M-[illegible] .AMP | [illegible] | LIFE ACC | 21.606C | | | | 65 | 2750 | [illegible] |
| SNAP.ACTION,M-[illegible] .AMP | [illegible] | LIFE ACC | 21.468C | | | | 65 | 2750 | [illegible] |
| SNAP.ACTION,M-[illegible] .AMP | [illegible] | LIFE ACC | 21.859C | | | | 65 | 2750 | [illegible] |
| SNAP.ACTION,M-[illegible] .AMP | [illegible] | LIFE ACC | 22.399C | | | | 65 | 2750 | [illegible] |
| SNAP.ACTION,M-[illegible] .AMP | [illegible] | LIFE ACC | 24.792C | | | | 65 | 2750 | [illegible] |
| SNAP.ACTION,M-[illegible] .AMP | [illegible] | LIFE ACC | 27.539C | | | | 65 | 2750 | [illegible] |
| SNAP.ACTION,M-[illegible] .AMP | [illegible] | LIFE ACC | 32.029C | | | | 65 | 2750 | [illegible] |
| SNAP.ACTION,M-[illegible] .AMP | [illegible] | LIFE ACC | 34.451C | | | | 65 | 2750 | [illegible] |
| SNAP.ACTION,M-[illegible] .AMP | [illegible] | LIFE ACC | 37.343C | | | | 65 | 2750 | [illegible] |
| SNAP.ACTION,M-[illegible] .AMP | [illegible] | LIFE ACC | 41.632C | | | | 65 | 2750 | [illegible] |
| SNAP.ACTION,M-[illegible] .AMP | [illegible] | LIFE ACC | 41.923C | | | | 65 | 2750 | [illegible] |
| SNAP.ACTION,M-[illegible] .AMP | [illegible] | LIFE ACC | 44.029C | | | | 65 | 2750 | [illegible] |

PART CLASS 291 SWITCHES, ELECTRICAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.L. | | | | | | | | | |
| SNAP.ACTION.M-MBO*/2-1. 5.AMP | (400CPM-0.010.INCH.OVERTRAVEL) | LIFE ACC | 49.2C | | | | 65 | 2750 | 53980000A |
| SNAP.ACTION.M-MBO*/2-1. 5.AMP | (350CPM-0.010.INCH.OVERTRAVEL) | LIFE ACC | 50.937C | | | | 65 | 2750 | 53990000A |
| SNAP.ACTION.M-MBO*/2-1. 5.AMP | (300CPM-0.010.INCH.OVERTRAVEL) | LIFE ACC | 54.624C | | | | 65 | 2750 | 53992000A |
| SNAP.ACTION.M-MBO*/2-1. 5.AMP | (300CPM-0.010.INCH.OVERTRAVEL) | LIFE ACC | 56.082C | | | | 65 | 2750 | 53994000A |
| SNAP.ACTION.M-MBO*/2-1. 5.AMP | (400CPM-0.010.INCH.OVERTRAVEL) | LIFE ACC | 68.951C | | | | 65 | 2750 | 53996000A |
| SNAP.ACTION.M-MBO*/2-1. 5.AMP | (350CPM-0.005.INCH.OVERTRAVEL) | LIFE ACC | 68.269C | | | | 65 | 2750 | 53998000A |
| SNAP.ACTION.M-MBO*/2-1. 5.AMP | (300CPM-0.005.INCH.OVERTRAVEL) | LIFE ACC | 76.561C | | | | 65 | 2750 | 54000000A |
| SNAP.ACTION.M-MBO*/2-1. 5.AMP | (400CPM-0.005.INCH.OVERTRAVEL) | LIFE ACC | 78.647C | | | | 65 | 2750 | 54002000A |
| SNAP.ACTION.M-MBO*/2-1. 5.AMP | (400CPM-0.005.INCH.OVERTRAVEL) | LIFE ACC | 120.555C | | | | 65 | 2750 | 54004000A |
| SNAP.ACTION.M-MBO*/2-1. 5.AMP | (350CPM-0.005.INCH.OVERTRAVEL) | LIFE ACC | 207.641C | | | | 65 | 2750 | 54006000A |
| SNAP.ACTION.SPDT. SUBMINIATURE.5.AMP.250VAC | (700CPM-0.010.INCH.OVERTRAVEL) | LIFE LAB | 5.735C | | | | 65 | 2740 | 54006000A |
| SNAP.ACTION.SPDT. SUBMINIATURE.5.AMP.250VAC | (700CPM-0.005.INCH.OVERTRAVEL) | LIFE LAB | 5.058C | | | | 65 | 2740 | 54010000A |
| SNAP.ACTION.SPDT. SUBMINIATURE.5.AMP.250VAC | (300CPM-0.015.INCH.OVERTRAVEL) | LIFE ACC | 6.174C | | | | 65 | 2740 | 54012000A |
| SNAP.ACTION.SPDT. SUBMINIATURE.5.AMP.250VAC | (700CPM-0.015.INCH.OVERTRAVEL) | LIFE LAB | 6.597C | | | | 65 | 2740 | 54014000A |
| SNAP.ACTION.SPDT. SUBMINIATURE.5.AMP.250VAC | (350CPM-0.010.INCH.OVERTRAVEL) | LIFE ACC | 7.020C | | | | 65 | 2740 | 54016000A |
| SNAP.ACTION.SPDT. SUBMINIATURE.5.AMP.250VAC | (300CPM-0.010.INCH.OVERTRAVEL) | LIFE ACC | 7.585C | | | | 65 | 2740 | 54018000A |
| SNAP.ACTION.SPDT. SUBMINIATURE.5.AMP.250VAC | (350CPM-0.005.INCH.OVERTRAVEL) | LIFE ACC | 7.881C | | | | 65 | 2740 | 54020000A |
| SNAP.ACTION.SPDT. SUBMINIATURE.5.AMP.250VAC | (350CPM-0.015.INCH.OVERTRAVEL) | LIFE ACC | 9.257C | | | | 65 | 2740 | 54022000A |
| SNAP.ACTION.SPDT. SUBMINIATURE.5.AMP.250VAC | (300CPM-0.005.INCH.OVERTRAVEL) | LIFE ACC | 10.425C | | | | 65 | 2740 | 54024000A |
| SNAP.ACTION.SPDT. SUBMINIATURE.5.AMP.250VAC | (700CPM-0.015.INCH.OVERTRAVEL) | LIFE ACC | 15.3C | | | | 65 | 2740 | 54026000A |
| SNAP.ACTION.SPDT. SUBMINIATURE.5.AMP.250VAC | (350CPM-0.015.INCH.OVERTRAVEL) | LIFE ACC | 27.625C | | | | 65 | 2740 | 54028000A |
| SNAP.ACTION.SPDT. SUBMINIATURE.5.AMP.250VAC | (300CPM-0.015.INCH.OVERTRAVEL) | LIFE ACC | 42.407C | | | | 65 | 2740 | 54030000A |
| SNAP.ACTION.SPDT. SUBMINIATURE.5.AMP.250VAC | (700CPM-0.010.INCH.OVERTRAVEL) | LIFE ACC | 56.129C | | | | 65 | 2740 | 54032000A |

PART CLASS 751 SWITCHES, ELECTRICAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | NO OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| SNAP ACTION SPDT SUBMINIATURE 5 AMP 250VAC | (150CPM-0.010 INCH OVERTRAVEL) | LIFE ACC | 72.459C | | | | 65 | 2740 | 54034000A |
| SNAP ACTION SPDT SUBMINIATURE 5 AMP 250VAC | (300CPM-0.010 INCH OVERTRAVEL) | LIFE ACC | 72.86C | | | | 65 | 2740 | 54036000A |
| SNAP ACTION SPDT SUBMINIATURE 5 AMP 250VAC | (600CPM-0.00 INCH OVERTRAVEL) | LIFE ACC | 107.677C | | | | 65 | 2740 | 54038000A |
| SNAP ACTION SPDT SUBMINIATURE 5 AMP 250VAC | (700CPM-0.015 INCH OVERTRAVEL) | LIFE ACC | 136.37C | | | | 65 | 2740 | 54040000A |
| SNAP ACTION SPDT SUBMINIATURE 5 AMP 250VAC | (150CPM-0 15 INCH OVERTRAVEL) | LIFE ACC | 145.012C | | | | 65 | 2740 | 54042000A |
| SNAP ACTION SPDT SUBMINIATURE 5 AMP 250VAC | (300CPM-0.015 INCH OVERTRAVEL) | LIFE ACC | 160.953C | | | | 65 | 2740 | 54044000A |
| SNAP ACTION SPDT SUBMINIATURE 5 AMP 250VAC | (600CPM-0.010 INCH OVERTRAVEL) | LIFE ACC | 198.098C | | | | 65 | 2740 | 54046000A |
| SNAP ACTION SPDT SUBMINIATURE 5 AMP 250VAC | (150CPM-0.005 INCH OVERTRAVEL) | LIFE ACC | 205.592C | | | | 65 | 2740 | 54048000A |
| SNAP ACTION SPDT SUBMINIATURE 5 AMP 250VAC | (150CPM-0.010 INCH OVERTRAVEL) | LIFE ACC | 206.654C | | | | 65 | 2740 | 54050000A |
| SNAP ACTION SPDT SUBMINIATURE 5 AMP 250VAC | (150CPM-0.005 INCH OVERTRAVEL) | LIFE ACC | 245.64C | | | | 65 | 2740 | 54052000A |
| SNAP ACTION SPDT SUBMINIATURE 5 AMP 250VAC | (600CPM-0.005 INCH OVERTRAVEL) | LIFE ACC | 250.501C | | | | 65 | 2740 | 54054000A |
| SNAP ACTION SPDT SUBMINIATURE 5 AMP 250VAC | (300CPM-0.010 INCH OVERTRAVEL) | LIFE ACC | 292.826C | | | | 65 | 2740 | 54056000A |
| SNAP ACTION SPDT SUBMINIATURE 5 AMP 250VAC | (70 PM-0.005 INCH OVERTRAVEL) | LIFE ACC | 358.295C | | | | 65 | 2740 | 54058000A |
| SNAP ACTION SPDT SUBMINIATURE 5 AMP 250VAC | (600CPM-0.005 INCH OVERTRAVEL) | LIFE ACC | 392.465C | | | | 65 | 2740 | 54060000A |
| SNAP ACTION | | | • | .0078650 | | 292.77C | 64 | 2213 | 54062000 |
| SNAP ACTION | (CALENDAR) | GRD | • | 4.71844 | | .688 | 65 | 1204 | 54064000 |
| SNAP ACTION | (CRAGLE) | LAB | • | 1.80737 | | 3.274 | 63 | 1204 | 54066000 |
| SNAP ACTION | | GRD | • | 6.83264 | 4 | .337 | 63 | 1116 | 54068000 |
| SNAP ACTION | (CALENDAR) | GRD | • | 7.24088 | | .318 | 65 | 1204 | 54070000 |
| SNAP ACTION | (OPERATING) | GRD | • | 3.41632 | | .674 | 65 | 1204 | 54072000 |
| SNAP ACTION | (CALENDAR) | GRD | • | .304698 | | 7.557 | 65 | 1204 | 54074000 |
| SNAP ACTION | | GRD | • | 4.38098 | 4 | .528 | 63 | 1116 | 54076000 |
| SNAP ACTION | (OPERATING) | GRD | • | 137.922 | | .018 | 65 | 1204 | 54078000 |
| SNAP ACTION | (OPERATING) | GRD | • | 121.189 | | .019 | 65 | 1204 | 54080000 |
| SNAP ACTION | | | .5179750 | .6289040 | | 90.736C | 64 | 2213 | 54082000 |
| SNAP ACTION | (4.3/1000CYC)(RL=50KC) | LAB | 2 | | | | 61 | 1086 | 54084000 |
| SNAP ACTION | | AIR | 18.3 | | | | 57 | 2L1 | 54086000 |
| SNAP ACTION | (4.3/1000CYC)(RL=50KC) | LAB | 20 | | | | 61 | 1086 | 54088000 |
| SNAP ACTION | | AIR GND | 120 | | | | 57 | 2L1 | 54090000 |
| SNAP ACTION,M-8805/2-1, 5 AMP | (400CPM,0.0075 INCH OVERTRAVEL) | LIFE ACC | 4.041C | | | | 65 | 2750 | 54092000A |

PART CLASS 701 SWITCHES, ELECTRICAL

| PART DESCRIPTION .00 M.S.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| SNAP-ACTION,M-8805/2-1. 5.AMP | (350CPM,0.0075.INCH.OVERTRAVEL) | LIFE ACC | 4.096C | | | | 65 | 2750 | 54096000A |
| SNAP-ACTION,M-8805/2-1. 5.AMP | (300CPM,0.0075.INCH.OVERTRAVEL) | LIFE ACC | 6.169C | | | | 65 | 2750 | 54096000A |
| SNAP-ACTION,M-8805/2-1. 5.AMP | (300CPM,0.0075.INCH.OVERTRAVEL) | LIFE ACC | 6.541C | | | | 65 | 2750 | 54098000A |
| SNAP-ACTION,M-8805/2-1. 5.AMP | (400CPM,0.005.INCH.OVERTRAVEL) | LIFE ACC | 9.654C | | | | 65 | 2750 | 54100000A |
| SNAP-ACTION,M-8805/2-1. 5.AMP | (400CPM,0.005.INCH.OVERTRAVEL) | LIFE ACC | 11.629C | | | | 65 | 2750 | 54102000A |
| SNAP-ACTION,M-8805/2-1. 5.AMP | (300CPM,0.0075.INCH.OVERTRAVEL) | LIFE ACC | 12.366C | | | | 65 | 2750 | 54104000A |
| SNAP-ACTION,M-8805/2-1. 5.AMP | (300CPM,0.0075.INCH.OVERTRAVEL) | LIFE ACC | 13.786C | | | | 65 | 2750 | 54106000A |
| SNAP-ACTION,M-8805/2-1. 5.AMP | (400CPM,0.0075.INCH.OVERTRAVEL) | LIFE ACC | 14.736C | | | | 65 | 2750 | 54108000A |
| SNAP-ACTION,M-8805/2-1. 5.AMP | (350CPM,0.005.INCH.OVERTRAVEL) | LIFE ACC | 16.128C | | | | 65 | 2750 | 54110000A |
| SNAP-ACTION,M-8805/2-1. 5.AMP | (400CPM,0.005.INCH.OVERTRAVEL) | LIFE ACC | 18.793C | | | | 65 | 2750 | 54112000A |
| SNAP-ACTION,M-8805/2-1. 5.AMP | (350CPM,0.005.INCH.OVERTRAVEL) | LIFE ACC | 20.240C | | | | 65 | 2750 | 54114000A |
| SNAP-ACTION,M-8805/2-1. 5.AMP | (300CPM,0.005.INCH.OVERTRAVEL) | LIFE ACC | 20.272C | | | | 65 | 2750 | 54116000A |
| SNAP-ACTION,M-8805/2-1. 5.AMP | (300CPM,0.0075.INCH.OVERTRAVEL) | LIFE ACC | 20.442C | | | | 65 | 2750 | 54118000A |
| SNAP-ACTION,M-8805/2-1. 5.AMP | (350CPM,0.0075.INCH.OVERTRAVEL) | LIFE ACC | 20.447C | | | | 65 | 2750 | 54120000A |
| SNAP-ACTION,M-8805/2-1. 5.AMP | (400CPM,0.005.INCH.OVERTRAVEL) | LIFE ACC | 20.594C | | | | 65 | 2750 | 54122000A |
| SNAP-ACTION,M-8805/2-1. 5.AMP | (350CPM,0.005.INCH.OVERTRAVEL) | LIFE ACC | 20.882C | | | | 65 | 2750 | 54124000A |
| SNAP-ACTION,M-8805/2-1. 5.AMP | (350CPM,0.0075.INCH.OVERTRAVEL) | LIFE ACC | 21.031C | | | | 65 | 2750 | 54126000A |
| SNAP-ACTION,M-8805/2-1. 5.AMP | (350CPM,0.005.INCH.OVERTRAVEL) | LIFE ACC | 21.794C | | | | 65 | 2750 | 54128000A |
| SNAP-ACTION,M-8805/2-1. 5.AMP | (400CPM,0.0075.INCH.OVERTRAVEL) | LIFE ACC | 22.275C | | | | 65 | 2750 | 54130000A |
| SNAP-ACTION,M-8805/2-1. 5.AMP | (300CPM,0.005.INCH.OVERTRAVEL) | LIFE ACC | 23.208C | | | | 65 | 2750 | 54132000A |
| SNAP-ACTION,M-8805/2-1. 5.AMP | (300CPM,0.0075.INCH.OVERTRAVEL) | LIFE ACC | 24.62C | | | | 65 | 2750 | 54134000A |
| SNAP-ACTION,M-8805/2-1. 5.AMP | (300CPM,0.005.INCH.OVERTRAVEL) | LIFE ACC | 25.695C | | | | 65 | 2750 | 54136000A |
| SNAP-ACTION,M-8805/2-1. 5.AMP | (300CPM,0.005.INCH.OVERTRAVEL) | LIFE ACC | 26.245C | | | | 65 | 2750 | 54138000A |

SECTION I FAILURE RATE DATA

PART CLASS 701 SWITCHES, ELECTRICAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| SNAP-ACTION,M-8805/2-1. 5.AMP | (400CPM.0.0075.INCH.OVERTRAVEL) | LIFE ACC | 28.763C | | | | 65 | 2750 | 541450000A |
| SNAP-ACTION,M-8805/2-1. 5.AMP | (350CPM.0.005.INCH.OVERTRAVEL) | LIFE ACC | 30.634C | | | | 65 | 2750 | 541420000A |
| SNAP-ACTION,M-8805/2-1. 5.AMP | (400CPM.0.0075.INCH.OVERTRAVEL) | LIFE ACC | 31.599C | | | | 65 | 2750 | 541440000A |
| SNAP-ACTION,M-8805/2-1. 5.AMP | (350CPM.0.0075.INCH.OVERTRAVEL) | LIFE ACC | 32.544C | | | | 65 | 2750 | 541430000A |
| SNAP-ACTION,M-8805/2-1. 5.AMP | (300CPM.0.005.INCH.OVERTRAVEL) | LIFE ACC | 33.634C | | | | 65 | 2750 | 541480000A |
| SNAP-ACTION,M-8805/2-1. 5.AMP | (400CPM.0.005.INCH.OVERTRAVEL) | LIFE ACC | 35.962C | | | | 65 | 2750 | 541500000A |
| SNAP-ACTION,M-8805/2-1. 5.AMP | (300CPM.0.005.INCH.OVERTRAVEL) | LIFE ACC | 36.797C | | | | 65 | 2750 | 541520000A |
| SNAP-ACTION,M-8805/2-1. 5.AMP | (350CPM.0.005.INCH.OVERTRAVEL) | LIFE ACC | 40.435C | | | | 65 | 2750 | 541540000A |
| SNAP-ACTION,M-8805/2-1. 5.AMP | (400CPM.0.0075.INCH.OVERTRAVEL) | LIFE ACC | 43.169C | | | | 65 | 2750 | 541560000A |
| SNAP-ACTION,M-8805/2-1. 5.AMP | (400CPM.0.005.INCH.OVERTRAVEL) | LIFE ACC | 44.113C | | | | 65 | 2750 | 541530000A |
| SNAP-ACTION,M-8805/2-1. 5.AMP | (400CPM.0.005.INCH.OVERTRAVEL) | LIFE ACC | 45.998C | | | | 65 | 2750 | 541600000A |
| SNAP-ACTION,M-8805/2-1. 5.AMP | (300CPM.0.0075.INCH.OVERTRAVEL) | LIFE ACC | 49.046C | | | | 65 | 2750 | 541620000A |
| SNAP-ACTION,M-8805/2-1. 5.AMP | (300CPM.0.005.INCH.OVERTRAVEL) | LIFE ACC | 49.208C | | | | 65 | 2750 | 541640000A |
| SNAP-ACTION,M-8805/2-1. 5.AMP | (350CPM.0.0075.INCH.OVERTRAVEL) | LIFE ACC | 50.968C | | | | 65 | 2750 | 541660000A |
| SNAP-ACTION,M-8805/2-1. 5.AMP | (350CPM.0.005.INCH.OVERTRAVEL) | LIFE ACC | 55.472C | | | | 65 | 2750 | 541680000A |
| SNAP-ACTION,M-8805/2-1. 5.AMP | (400CPM.0.005.INCH.OVERTRAVEL) | LIFE ACC | 60.463C | | | | 65 | 2750 | 541700000A |
| SNAP-ACTION,M-8805/2-1. 5.AMP | (400CPM.0.0075.INCH.OVERTRAVEL) | LIFE ACC | 61.912C | | | | 65 | 2750 | 541720000A |
| SNAP-ACTION,M-8805/2-1. 5.AMP | (400CPM.0.0075.INCH.OVERTRAVEL) | LIFE ACC | 63.355C | | | | 65 | 2750 | 541740000A |
| SNAP-ACTION,M-8805/2-1. 5.AMP | (350CPM.0.0075.INCH.OVERTRAVEL) | LIFE ACC | 67.833C | | | | 65 | 2750 | 541760000A |
| SNAP-ACTION,M-8805/2-1. 5.AMP | (350CPM.0.0075.INCH.OVERTRAVEL) | LIFE ACC | 69.3C | | | | 65 | 2750 | 541780000A |
| SNAP-ACTION,M-8805/2-1. 5.AMP | (350CPM.0.0075.INCH.OVERTRAVEL) | LIFE ACC | 69.92C | | | | 65 | 2750 | 541800000A |
| SNAP-ACTION,M-8805/2-1. 5.AMP | (300CPM.0.005.INCH.OVERTRAVEL) | LIFE ACC | 73.126C | | | | 65 | 2750 | 541820000A |
| SNAP-ACTION,M-8805/2-1. 5.AMP | (400CPM.0.0075.INCH.OVERTRAVEL) | LIFE ACC | 74.388C | | | | 65 | 2750 | 541840000A |

SECTION I  FAILURE RATE DATA

PART CLASS  701 SWITCHES, ELECTRICAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| SNAP-ACTION.M-8805/2-1. 5.AMP | (300CPM.0.005.INCH.OVERTRAVEL) | LIFE ACC | 80.25C | | | | 65 | 2750 | 54136000A |
| SNAP-ACTION.M-8805/2-1. 5.AMP | (350CPM.0.0075.INCH.OVERTRAVEL) | LIFE ACC | 81.615C | | | | 65 | 2750 | 54108000A |
| SNAP-ACTION.M-8805/2-1. 5.AMP | (350CPM.0.005.INCH.OVERTRAVEL) | LIFE ACC | 83.366C | | | | 65 | 2750 | 54190000A |
| SNAP-ACTION.M-8805/2-1. 5.AMP | (400CPM.0.0075.INCH.OVERTRAVEL) | LIFE ACC | 86.783C | | | | 65 | 2750 | 54192000A |
| SNAP-ACTION.M-8805/2-1. 5.AMP | (300CPM.0.005.INCH.OVERTRAVEL) | LIFE ACC | 94.375C | | | | 65 | 2750 | 54194000A |
| SNAP-ACTION.M-8805/2-1. 5.AMP | (350CPM.0.005.INCH.OVERTRAVEL) | LIFE ACC | 97.22C | | | | 65 | 2750 | 54196000A |
| SNAP-ACTION.M-8805/2-1. 5.AMP | (350CPM.0.005.INCH.OVERTRAVEL) | LIFE ACC | 132.485C | | | | 65 | 2750 | 54198000A |
| SNAP-ACTION.M-8805/2-1. 5.AMP | (300CPM.0.005.INCH.OVERTRAVEL) | LIFE ACC | 140.43C | | | | 65 | 2750 | 54200000A |
| SNAP-ACTION.M-8805/2-1. 5.AMP | (400CPM.0.005.INCH.OVERTRAVEL) | LIFE ACC | 175.07C | | | | 65 | 2750 | 54202000A |
| SNAP-ACTION.M-8805/2-1. 5.AMP | (400CPM.0.0075.INCH.OVERTRAVEL) | LIFE ACC | 184.332C | | | | 65 | 2750 | 54204000A |
| SNAP-ACTION.M-8805/2-1. 5.AMP | (400CPM.0.005.INCH.OVERTRAVEL) | LIFE ACC | 351.341C | | | | 65 | 2750 | 54206000A |
| SPDT | | AIR | 200 | 263.196 | 700 | .13 | 61 | 1080 | 54208000 |
| SPDT-28V-DC.5A | | AIR | 242.857 | 327.23 | 640 | .07 | 61 | 1080 | 54210000 |
| SPEED.FLYBALL | | AIR | 7.7 | | | | 57 | 2L1 | 54212000 |
| SPEED-SENSING | | AIR | 1452.63 | 1624.28 | | .045 | 63 | 2120 | 54214000 |
| SPEED-SENSING | ENGINE-CONTROLS | AIR | 58.0046 | 75.1036 | 400 | .46548 | 65 | 1198 | 54216000 |
| SPEED-SENSING | ENGINE-CONTROLS | AIR | 64.5161 | 128.928 | 272 | .062 | 63 | 1114 | 54218000 |
| SPEED-SENSING | ENGINE-CONTROLS | AIR | 66.9779 | 84.2415 | 200 | .50763 | 65 | 1198 | 54220000 |
| SPEED-SENSING | ENGINE-CONTROLS | AIR | 67.9886 | 89.9718 | 408 | .353 | 63 | 1114 | 54222000 |
| SPEED-SENSING | ENGINE-CONTROLS | AIR | 153.846 | 187.197 | 200 | .299 | 63 | 1114 | 54224000 |
| SPEED-SENSING | ENGINE-CONTROLS | AIR | 162.184 | 193.769 | 200 | .33912 | 63 | 1198 | 54226000 |
| SPST | SEAT.AUTO-FLIGHT-CONTROL-SYSTEM | AIR | 28.9714 | 111.134 | 320 | .035 | 61 | 1080 | 54228000 |
| SPST | SEAT.AUTO-FLIGHT-CONTROL-SYSTEM | AIR | 30.1204 | 55.6716 | 960 | .166 | 61 | 1080 | 54230000 |
| START-PUSH-COLD | WINDSHIELD-HEAT.DE-ICE | AIR | • | 18.65?? | 228 | .1234 | 66 | 1250 | 54232000A |
| START-PUSH-COLD | WINDSHIELD-HEAT.DE-ICE | AIR | • | 31.944 | 144 | .07416 | 65 | 1227 | 54234000 |
| START/STOP | AUXILIARY-POWER-UNIT | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 54236000 |
| START/STOP | AUXILIARY-POWER-UNIT | AIR | • | 55.9884 | 76 | .04113 | 66 | 1250 | 54238000 |
| STARTER | IGNITION/ELECTRICAL-SYSTEM | AIR | 4.29664 | 11.434 | 400 | .46548 | 65 | 1198 | 54240000 |
| STARTER | IGNITION/ELECTRICAL-SYSTEM | AIR | 22.6628 | 36.8121 | 408 | .353 | 63 | 1114 | 54242000 |
| STARTER | IGNITION/ELECTRICAL-SYSTEM | AIR | 31.519 | 44.2282 | 200 | .50763 | 65 | 1198 | 54244000 |
| STARTER | IGNITION/ELECTRICAL-SYSTEM | AIR | 162.123 | 197.17 | 200 | .33912 | 63 | 1198 | 54246000 |
| STARTER | IGNITION/ELECTRICAL-SYSTEM | AIR | 189.946 | 219.996 | 200 | .299 | 63 | 1114 | 54248000 |
| STARTING/IGNITION. MIL-S-6743 | | HELI | 166.666 | 309.156 | 120 | .03 | 65 | 1215 | 54250000 |

PART CLASS 791 SWITCHES, ELECTRICAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CASS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| STEP-PRESSURE.FUEL | | GRD | 15789.46 | 23394.76 | | .000786 | 66 | 2851 | 54252000 |
| STEPPER | (STORAGE) | | 1 | | | | 66 | 2811 | 54254006 |
| STEPPING | | LAB | 44.2 | | | | 61 | 1071 | 54254000 |
| STEPPING | | GEN | 90 | | | | 62 | 1078 | 54258000 |
| STEPPING.115VAC | ROTOR-DE-ICE | HELI | 466.666 | 670.933 | 120 | .03 | 65 | 1215 | 54260000 |
| STOP/RUN..ATM | AUXILIARY-POWER-PLANT | AIR | * | 19.7860 | 100 | .11837 | 65 | 1198 | 54262000 |
| STOP/RUN.ATM | AUXILIARY-POWER-PLANT | AIR | * | 18.1435 | 80 | .12691 | 65 | 1198 | 54264000 |
| STOP/RUN.ATM | AUXILIARY-POWER-PLANT | AIR | 40 | 89.0773 | 50 | .075 | 63 | 1114 | 54264000 |
| STOP/RUN.ATM | AUXILIARY-POWER-PLANT | AIR | 47.1809 | 94.2957 | 30 | .08478 | 65 | 1198 | 54268000 |
| SUB-MINIATURE.SPDT | .(200CPM-MECHANICAL-LOAD) | LIFE LAB | .0048 3C | .0084 2C | 196 | 279.87C | 60 | 2690 | 54270000A |
| SUB-MINIATURE.SPDT | .(200CPM-MECHANICAL-LOAD) | LIFE LAB | 1.47925C | 1.81158C | 144 | 93.38C | 60 | 2690 | 54272000A |
| SUB-MINIATURE.SPDT | .(200CPM-MECHANICAL-LOAD) | LIFE LAB | 4.42122C | 5.89233C | 22 | 4.976C | 60 | 2690 | 54274000A |
| SWITCH.C90S.S.I | R.F.AMPLIFIER | LAB | 4.55 | | | | 65 | 2824 | 54276000 |
| SWITCH-BUTTON | | LAB | 3.2258 | 9.09135 | | 2.79 | 64 | 1250 | 54278000A |
| SWITCHING | IFS | AIR | 30 | | | | 64 | 2300 | 54280000 |
| SWITCHING | RADIO-NAVIGATION | AIR | 90 | | | | 64 | 2300 | 54282000 |
| SWITCHING.UNIT | IFS | AIR | * | | | | 64 | 2300 | 54284000 |
| SWITCHING-UNIT | IFS.B-720 | AIR | * | | | | 66 | 2300 | 54284000 |
| SYSTEM-CONTROL | | AIR | .039 | | | | 65 | 2300 | 54288000 |
| SYSTEM-CONTROL | | AIR | .089 | | | | 65 | 2300 | 54290000 |
| TAKEOFF-TRIM | | AIR | 62.5 | 124.899 | 300 | .004 | 61 | 1000 | 54292000 |
| TEST | QUANTITY-OXYGEN-SYSTEM-INSTRUYMENT | AIR | * | 31.049 | 144 | .07416 | 65 | 1227 | 54294000 |
| TEST | SMOKE-DETECTION-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 54296000 |
| TEST | YAW-DAMPER.RUDDER.AFCS | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 54298000 |
| TEST | ANTI-ICING/DE-ICING-SYSTEMS | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 54300000 |
| TEST | AUDIBLE-WARNING-SYSTEM.LANDING-GEAR | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 54302000 |
| TEST | MACH-TRIM-COMPENSATOR.AFCS | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 54304000 |
| TEST | MACH-TRIM-COMPENSATOR.AFCS | AIR | * | 59.9834 | 76 | .04113 | 66 | 1250 | 54306000A |
| TEST | ANTI-ICING/DE-ICING-SYSTEMS | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 54308000A |
| TEST | SMOKE-DETECTION-SYSTEM | AIR | * | 55.983' | 76 | .04113 | 66 | 1250 | 54310000A |
| TEST | QUANTITY.OXYGEN-SYSTEM-INSTRUMENTATION | AIR | * | 18.6596 | 228 | .1234 | 66 | 1250 | 54312000A |
| TEST | YAW-DAMPER.RUDDER.AFCS | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 54314000 |
| TEST | AUDIBLE-WARNING-SYSTEM.LANDING-GEAR | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 54316000A |
| TEST | QUANITY.FUEL-SYSTEM | AIR | 1.07414 | 4.17811 | 800 | .93097 | 63 | 1198 | 54318000 |
| TEST | QUANITY.FUEL-SYSTEM | AIR | 2.94885 | 7.84733 | 400 | .67823 | 63 | 1198 | 54320000 |
| TEST | QUANITY.FUEL-SYSTEM | AIR | 3.33889 | 8.8853 | 400 | .599 | 63 | 1114 | 54322000 |
| TEST | QUANITY.FUEL-SYSTEM | AIR | 8.06451 | 31.3485 | 544 | .124 | 63 | 1114 | 54324000 |
| TEST | FIRE/OVERHEAT-DETECTION.ENG/AUXILIARY-POWER-UNIT | AIR | 8.09061 | 31.47 | 240 | .1234 | 65 | 1227 | 54326000 |
| TEST | FIRE/OVERHEAT-DETECTION.ENGINE/AUXILIARY-POWER-UNIT | AIR | 9.72526 | 29.8803 | 300 | .20565 | 66 | 1250 | 54328000 |
| TEST | TIT-INDICATING.ENGINE-INSTRUMENTATION | AIR | 11.7992 | 45.8799 | 80 | .08478 | 63 | 1198 | 54330000 |
| TEST | TIT-INDICATING.ENGINE-INSTRUMENTATION | AIR | 13.3333 | 51.8424 | 30 | .072 | 63 | 1114 | 54332000 |

SECTION I FAILURE RATE DATA

PART CLASS TEST SWITCHES, ELECTRICAL

| PART DESCRIPTION .00 N.E.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF REPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| TEST.LAMP | DOOR-WARNING-SYSTEM | AIR | * | 95.1472 | 48 | .02472 | 65 | 1227 | 54334000 |
| TEST.ON-OFF | EMPENNAGE-DE-ICE-SYSTEM | AIR | * | 55.9834 | 76 | .04613 | 64 | 1250 | 54334000A |
| TEST.ON-OFF | EMPENNAGE-DE-ICE-SYSTEM | AIR | * | 95.1472 | 48 | .02472 | 65 | 1227 | 54336000 |
| TEST-ARM | ASYMMETRY,WING-SPOILER-SYSTEM | AIR | * | 95.1472 | 48 | .02472 | 65 | 1227 | 54340000 |
| TEST/NORMAL | STALL-WARNING-SYSTEM | AIR | * | 46.8756 | 96 | .04644 | 65 | 1227 | 54342000 |
| TEST/RESET | BLEED-AIR-OVERHEAT-DETECTION, AUXILIARY-POWER-UNIT,CARGO | AIR | * | 95.1472 | 48 | .02472 | 65 | 1227 | 54344000 |
| TEST/RESET | BLEED-AIR-OVERHEAT-DETECTION,WG,PLN | AIR | 20.2265 | 78.6751 | 96 | .04944 | 65 | 1227 | 54346000 |
| THERMAL | | SIM AIR | * | 62.2324 | | .037 | 63 | 1183 | 54348000A |
| THERMAL | WINDOW | SIM AIR | * | 162.154 | 46 | .0142 | 65 | 1195 | 54350000A |
| THERMAL | | AIR | * | 38.5756 | 155 | .05969 | 63 | 1111 | 54352000 |
| THERMAL | | GRD | * | 33.271 | 36 | .069 | 65 | 1193 | 54354000 |
| THERMAL | | GRD | * | 93.8617 | 63 | .068 | 65 | 1193 | 54354000 |
| THERMAL | ACCUMULATOR,RESERVOIR-MANIFOLD,ASSEMBLY | SIM AIR | * | 64.2807 | 272 | .052 | 63 | 1106 | 54358000 |
| THERMAL | (PER-CONTACT-SET) | QUAL TEST | * | 565.7664 | 3 | .0066 | 65 | 2340 | 54360000A |
| THERMAL | | LAB | .16 | | | | 63 | 1138 | 54362000 |
| THERMAL | (STORAGE) | GRD | 1.24643 | 4.84824 | 884 | .80229 | 64 | 1174 | 54364000 |
| THERMAL | (STORAGE) | | 2 | | | | 66 | ZNI | 54364050 |
| THERMAL | | MSL | 2 | | | | 65 | 2440 | 54366000 |
| THERMAL | | GRD | 2.84754 | 7.57773 | 623 | .70236 | 64 | 1174 | 54370000 |
| THERMAL | | AIR | 7 | | | | 61 | 1068 | 54372000 |
| THERMAL | | GRD | 7 | | | | 63 | 1098 | 54374000 |
| THERMAL | | | 74.074 | 197.122 | | .027 | 66 | ZMB | 54376000 |
| THERMAL | INFRARED-SEARCH-AND-TRACK | AIR | 125 | 486.212 | 2 | .008 | 63 | 1102 | 54378000 |
| THERMAL | INFRARED-SEARCH-AND-TRACK | AIR | 156 | | 1 | | 66 | 2006 | 54380000 |
| THERMAL.SPST.BIMETALLIC-SNAP-ACTION.NON-ADJUST (77F) | | AIR | 316 | | 1 | | 66 | 2006 | 54382000 |
| THERMAL-ACM-OHEAT | AIR-CONDITIONING,727 | LAB | * | 287.825 | 2 | .006 | 65 | 1217 | 54384000A |
| THERMAL-ACM-OSPEED | AIR-CONDITIONING,727 | AIR | 90P | | | | 66 | 2360 | 54386000 |
| THERMAL-ACM-OVERHEAT | AIR-CONDITIONING,727 | AIR | 180P | | | | 66 | 2360 | 54388500 |
| THERMAL-ACM-OVERSPEED | AIR-CONDITIONING,727 | AIR | 210P | | | | 66 | 2365 | 54390000 |
| THERMAL-ACTUATION | | AIR | 210P | | | | 66 | 2365 | 54392000 |
| THERMAL-ACTUATION | | AIR | .08P | | | | 65 | 2590 | 54394000 |
| THERMAL-ACTUATION, ANTI-ICING-CONTROL | | AIR | 2.2P | | | | 65 | 2590 | 54396000 |
| THERMAL-ACTUATION, ANTI-ICING-CONTROL | | AIR | .04P | | | | 65 | 2590 | 54398000 |
| THERMAL-ACTUATION, ANTI-ICING-CONTROL | | AIR | .08P | | | | 65 | 2590 | 54400000 |
| THERMAL-ACTUATION, ANTI-ICING-CONTROL | | AIR | .08P | | | | 65 | 2590 | 54402000 |
| THERMAL-ACTUATION, ANTI-ICING-CONTROL | | AIR | .1P | | | | 65 | 2590 | 54404000 |
| THERMAL-ACTUATION, TEMPERATURE-CONTROL, THERMOSTAT | | AIR | .92P | | | | 65 | 2590 | 54406000 |

PART CLASS 791 SWITCHES, ELECTRICAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| THERMAL-ACTUATION, TEMPERATURE-CONTROL, THERMOSTAT | | AIR | 3.27P | | | | 65 | 2390 | 54402000 |
| THERMAL-BLEED-AIR | AIR-CONDITIONING.727 | AIR | 60P | | | | 65 | 2365 | 54416000 |
| THERMAL-270-330-DEG-F | AIR-CONDITIONING-SYSTEM | AIR GND | 84.175 | 327.415 | | .01188 | 62 | 2320 | 54412000 |
| THERMAL-445-505-DEG-F | AIR-CONDITIONING-SYSTEM | AIR GND | 168.35 | 654.831 | | .00594 | 62 | 2320 | 54414000 |
| THERMAL-475-525-DEG-F | AIR-CONDITIONING-SYSTEM | AIR GND | 168.35 | 654.831 | | .00594 | 62 | 2320 | 54414000 |
| THERMAL-570-630-DEG-F | AIR-CONDITIONING-SYSTEM | AIR GND | 252.525 | 962.356 | | .01188 | 62 | 2320 | 54418000 |
| THERMO | HYDRAULIC-TEMPERATURE | LAB | * | 383.766C | 3 | .006C | 66 | 1264 | 54420000A |
| THERMO | TV-CAMERA-COMPT.ANTI/DE-ICE.SYSTEM | AIR | * | 6.78992 | 200 | .33912 | 63 | 1198 | 54422000 |
| THERMO | | AIR | 7.24637 | 28.1862 | | .138 | 59 | 1070 | 54424000 |
| THERMO | AIR-CONDITIONING-SYSTEM | AIR | 480 | 711.262 | 96 | .025 | 66 | 1225 | 54426000 |
| THERMO.CONTROL | EMPENNAGE.DE-ICE-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1221 | 54428000 |
| THERMO.CONTROL | EMPENNAGE.DE-ICE-SYSTEM | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 54430000 |
| THERMO.CONTROL | EMPENNAGE.ANTI-ICE-SYSTEM | AIR | 3.9398 | 15.3246 | 100 | .25382 | 65 | 1198 | 54432000 |
| THERMO.CONTROL | WING.ANTI-ICE/DE-ICE | AIR | 6.44496 | 14.3524 | 400 | .46548 | 65 | 1198 | 54434000 |
| THERMO.CONTROL | WING.ANTI-ICE/DE-ICE | AIR | 7.87975 | 19.7468 | 200 | .50763 | 65 | 1198 | 54436000 |
| THERMO.CONTROL | WING.ANTI-ICE/DE-ICE | AIR | 8.49858 | 18.9257 | 408 | .353 | 63 | 1114 | 54438000 |
| THERMO.CONTROL | EMPENNAGE.ANTI-ICE-SYSTEM | AIR | 8.59328 | 22.868 | 200 | .23274 | 65 | 1198 | 54440000 |
| THERMO.CONTROL | AIR-CONDITIONING.CABIN | AIR | 11.4077 | 44.3725 | 406 | .08766 | 64 | 1179 | 54442000 |
| THERMO.CONTROL | WING.ANTI-ICE/DE-ICE | AIR | 32.258 | 85.8435 | 272 | .062 | 63 | 1114 | 54444000 |
| THERMO.CONTROL | AIR-CONDITIONING.CABIN | AIR | 330.154 | 521.129 | | .02726 | 66 | 1241 | 54446000 |
| THERMOSTAT | 8OMB-NAVIGATION | AIR | 1 | | | 3.850 | 58 | 2001 | 54448000 |
| THERMOSTAT | GENERAL | SHP | 2.3 | | | | U | 2001 | 54450000 |
| THERMOSTAT | RADAR | AIR | 5.5 | | | 2.5 | 58 | 2001 | 54452000 |
| THERMOSTAT | 8OMB-NAVIGATION | AIR | 25 | | | | U | 2001 | 54454000 |
| THERMOSTATIC | (STORAGE) | | * | 34.73 | | .0443 | 66 | 251 | 54456000A |
| THERMOSTATIC | (STORAGE) | | * | .622493 | | 3.699 | 66 | 252 | 54458000A |
| THERMOSTATIC | (STORAGE) | | * | 20.7441 | | .1110 | 66 | 251 | 54460000A |
| THERMOSTATIC | | GRD | * | 3597.81 | | .00064 | 64 | 1180 | 54462000 |
| THERMOSTATIC | | SUR AIR | * | 81.0204 | 92 | .02842 | 62 | 1192 | 54464000A |
| THERMOSTATIC | | GRD | * | .497247 | 610 | 4.6307 | 64 | 1210 | 54466000 |
| THERMOSTATIC | | LAB | * | 27.8426 | | .0827 | 66 | 1230 | 54468000A |
| THERMOSTATIC | .(0-10-ACTUATIONS/HR) | GRD | 7 | | | | 65 | 1251 | 54470000 |
| THERMOSTATIC | AIR-FLOW-TEMPERATURE-REGULATING | GRD | 9.54719 | 16.0541 | | .7332 | 65 | 1223 | 54472000 |
| THERMOSTATIC | .(11-20-ACTUATIONS) | GRD | 14 | | | | 65 | 1251 | 54474000 |
| THERMOSTATIC | REFRIGERATION-UNIT.AIR-CONDITIONED | AIR | 20.2265 | 78.4751 | 96 | .04944 | 65 | 1227 | 54476000 |
| THERMOSTATIC | .(21-30-ACTUATIONS/HR) | GRD | 21A | | | | 65 | 1251 | 54478000 |
| THERMOSTATIC | REFRIGERATION-UNIT.AIR-CONDITION | AIR | 24.3131 | 64.7009 | 152 | .08224 | 64 | 1230 | 54480000A |
| THERMOSTATIC | INLET-DUCT-ANTI-ICE | AIR | 27.027 | 60.1873 | 640 | .141 | 61 | 1030 | 54482000A |
| THERMOSTATIC | AIR-CONDITIONING.727 | AIR | 100P | | | | 66 | 2365 | 54484000 |
| THERMOSTATIC | AIR-CONDITIONING.727 | AIR | 120P | | | | 66 | 2363 | 54486000 |
| THERMOSTATIC | AIR-CONDITIONING.727 | AIR | 140P | | | | 65 | 2390 | 54488000 |
| THERMOSTATIC | AIR-CONDITIONING.727 | AIR | 150P | | | | 65 | 2365 | 54490000 |
| THERMOSTATIC | AIR-CONDITIONING.727 | AIR | 190P | | | | 66 | 2360 | 54492000 |

SECTION I — FAILURE RATE DATA

PART CLASS — INT SWITCHES, ELECTRICAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART COMPLEXITY | PART HOURS | YR OF RPT | DATA SOURCE | CARDS REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 U.N.C. | | | | | | | | | |
| THERMISTOR | AIR-CONDITIONING.T2Y | AIR | 2100 | | | | 66 | 2365 | 54494000 |
| [illegible]34366 | AIR-CONDITIONING.T2T | AIR | 3700 | | | | 66 | 2360 | 54496000 |
| THERMOSTAT | ELECTRICAL-SYSTEM | AIR | 23.366 | 34.6887 | 328 | .51361 | 65 | 1201 | 54496000 |
| TOGGLE | | GRD | 1729.10 | 2035.186 | | .093470 | 66 | 2051 | 54496000 |
| TOGGLE | | AIR GRD | * | 2.69836 | | 1.1900 | 66 | 2C6 | 54502000 |
| TOGGLE | HUMIDITY-TEMPERATURE,AN/AMQ-7 | AIR | * | 110.224 | 100 | .02009 | 63 | 1198 | 54504000 |
| TOGGLE | DIGITAL | GRD | * | 6.41942 | | .359 | 59 | 2001 | 54506000 |
| TOGGLE | AIR-CONDITIONER.CARGO-COMPARTMENT | AIR | * | 9.05323 | 150 | .25434 | 63 | 1198 | 54508000 |
| TOGGLE | AIR-CONDITIONER.CARGO-COMPARTMENT | AIR | * | 9.07178 | 100 | .25382 | 65 | 1198 | 54510000 |
| TOGGLE | CONTROL,FUEL-SYSTEM | AIR | * | 5.43194 | 250 | .4239 | 63 | 1198 | 54512000 |
| TOGGLE | ARMING.DOOR.ELEC.AIR-SPOIL.PTP | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 54514000 |
| TOGGLE | ARMING.TAKEOFF-ASSIST-SYSTEM | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 54516000 |
| TOGGLE | CONTROL.DOOR.ELECT.AIR-SPOIL.PTP | AIR | * | 55.9834 | 76 | .04113 | 64 | 1250 | 54518000 |
| TOGGLE | CONTROL.BLEED-AIR-SYSTEM. AIR-CONDITIONING | AIR | * | 5.43194 | 250 | .4239 | 63 | 1198 | 54520000 |
| TOGGLE | ARMING.DOOR.ELECT.AIR-SPOIL.PTP | AIR | * | 55.9834 | 76 | .04113 | 64 | 1250 | 54522000A |
| TOGGLE | CONTROL.BLEED-AIR-SYSTEM. AIR-CONDITIONING | AIR | * | 3.9573 | 580 | .58186 | 65 | 1198 | 54524000 |
| TOGGLE | AILERON-ASSEMBLY | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 54526000 |
| TOGGLE | | LAB | * | 35.3973 | 13 | .06509 | 64 | 1249 | 54528000 |
| TOGGLE | CONTROL.BLEED-AIR-SYSTEM. AIR-CONDITIONING | AIR | * | 3.62677 | 250 | .63454 | 65 | 1198 | 54530000 |
| TOGGLE | FLOOR-HEAT-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 64 | 1250 | 54532000A |
| TOGGLE | ENGINE-PNEUMATIC-SYSTEM/DEICING | AIR | * | 2.2679 | 400 | 1.0153 | 65 | 1198 | 54534000 |
| TOGGLE | WING-ANTI-ICE-SYSTEM | AIR | * | 31.049 | 144 | .07416 | 65 | 1227 | 54536000 |
| TOGGLE | WINDSHIELD-HEAT.ANTI/DE-ICE | AIR | * | 18.6294 | 240 | .1234 | 65 | 1227 | 54538000 |
| TOGGLE | WATER-INJECTION-SYSTEM | AIR | * | 48.2219 | 124 | .04775 | 63 | 1111 | 54540000 |
| TOGGLE | ENGINE-STARTING-SYSTEM | AIR | * | 24.1109 | 240 | .0955 | 63 | 1111 | 54542000 |
| TOGGLE | WINDSHIELD-HEAT.ANTI/DE-ICE | AIR | * | 11.1966 | 380 | .20565 | 66 | 1250 | 54544000 |
| TOGGLE | | SIN AIR | * | 83.1263 | 219 | .0277 | 64 | 1231 | 54546000A |
| TOGGLE | COOLER.ENGINE-OIL-SYSTEM | AIR | * | 4.94672 | 400 | .46548 | 65 | 1198 | 54546000 |
| TOGGLE | ELEVATOR-TRIM-TAB-ASSEMBLY | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 54548000 |
| TOGGLE | WING-ANTI-ICE-SYSTEM | AIR | * | 18.6594 | 228 | .1234 | 64 | 1250 | 54552000A |
| TOGGLE | | LAB | * | 3.54628 | | .9493 | 66 | 1230 | 54554000A |
| TOGGLE | RUDDER-TRIM-TAB-ASSEMBLY (77F) | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 54556000 |
| TOGGLE | | LAB | * | 171.835 | 4 | .0134 | 62 | 1217 | 54558000 |
| TOGGLE | RUDDER-ASSEMBLY | LAB | * | 104.663 | 24 | .022 | 65 | 1224 | 54560000A |
| TOGGLE | RUDDER-ASSEMBLY | AIR | * | 9.09344 | 200 | .23274 | 63 | 1198 | 54562000 |
| TOGGLE | FLOOR-HEAT.VEN-CONDITIONING, CARGO-COMPARTMENT | AIR | * | 9.07178 | 100 | .25382 | 65 | 1198 | 54564000 |
| TOGGLE | FIRE-EXTINGUISHER-SYSTEM | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 54566000 |
| TOGGLE | PURGE-SYSTEM,FUEL | AIR | * | 27.1897 | 88 | .08478 | 63 | 1198 | 54568000 |
| TOGGLE | PROPELLER-ASSEMBLY | AIR | * | 19.5798 | 100 | .16456 | 65 | 1198 | 54570000 |
| | | AIR | * | 3.29736 | 400 | .07823 | 65 | 1198 | 54572000 |
| | | GRN | * | 1191.3 | | .002 | 62 | 1078 | 54574000 |

PART CLASS 791 SWITCHES, ELECTRICAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 60 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF PT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| TOGGLE | NEGATIVE-TORQUE-CONTROL. REDUCTION-GEAR | AIR | * | 4.94672 | 400 | .44548 | 65 | 1198 | 54876000 |
| TOGGLE | CONTROL.DOOR.ELEC.AIR-SPOIL.PTP | AIR | * | 95.1472 | 48 | .02472 | 65 | 1227 | 54578000 |
| TOGGLE | | AIR | * | 56.995 | 320 | .040 | 62 | 1095 | 54560000A |
| TOGGLE | ENGINE-PNEUMATIC-SYSTEM/DEICING | AIR | * | 2.47333 | 800 | .9909 | 65 | 1198 | 54582000 |
| TOGGLE | | SIM AIR | * | 15.5495 | 506 | .14812 | 65 | 1199 | 54584000A |
| TOGGLE | HEADING-SELECT.ASTROCOMPASS.MDI | AIR | * | 19.2847 | 31 | .1194 | 63 | 1111 | 54586000 |
| TOGGLE | FLOOR-HEAT-SYSTEM | AIR | * | 95.1472 | 48 | .02472 | 65 | 1227 | 54588000 |
| TOGGLE | | SIM AIR | * | 175.77 | 65 | .0131 | 65 | 1199 | 54590000A |
| TOGGLE | | LAB | .03 | | | | 62 | 7240 | 54592000A |
| TOGGLE | (PER-CONTACT-SET) | LAB | .06 | | | | 63 | 1178 | 54594000 |
| TOGGLE | GENERAL.(CONTACT-SET) | GEN | .06 | | | | U | 2001 | 54596000 |
| TOGGLE | (STORAGE) | MSL | .1 | | | | 65 | 2440 | 54598000 |
| TOGGLE | | SHP | .54 | | | | 62 | 2240 | 54600000 |
| TOGGLE | GENERAL | GEN | .54 | | | | U | 2001 | 54602000 |
| TOGGLE | | GRD | .555845 | .624253 | 30856 | 280.28 | 64 | 1210 | 54604000 |
| TOGGLE | CONTROL.FUEL-SYSTEM | AIR | .859328 | 3.34252 | 1000 | 1.1637 | 65 | 1198 | 54606000 |
| TOGGLE | INTERIOR-LIGHTING | AIR | .986193 | 3.83599 | 1968 | 1.014 | 65 | 1227 | 54608000 |
| TOGGLE | CONTROL.FUEL-SYSTEM | AIR | 1.22585 | 4.76819 | 1584 | .81575 | 65 | 1227 | 54610000 |
| TOGGLE | CONTROL.FUEL-SYSTEM | AIR | 1.37328 | 3.49484 | 600 | 1.5229 | 65 | 1198 | 54612000 |
| TOGGLE | CONTROL.FUEL-SYSTEM | AIR | 1.88857 | 5.02577 | 1424 | 1.059 | 63 | 1114 | 54614000 |
| TOGGLE | CONTROL.FUEL-SYSTEM | AIR | 2.21075 | 4.92321 | 2509 | 1.357 | 66 | 1250 | 54616000 |
| TOGGLE | INTERIOR-LIGHTING | AIR | 2.37247 | 4.74113 | 3116 | 1.686 | 66 | 1250 | 54618000 |
| TOGGLE | GENERAL | GEN | 2.7 | | | | U | 2001 | 54620000 |
| TOGGLE | GENERAL.(CONTACT-SET) | GEN | 3 | | | | U | 2001 | 54622000 |
| TOGGLE | | AIR | 3 | | | | 62 | 1068 | 54624000 |
| TOGGLE | RADAR | AIR | 3.1 | | | 1.45 | 58 | 2001 | 54626000 |
| TOGGLE | AIR-CONDITION.FLIGHT-DECK | AIR | 3.9398 | 15.3244 | 100 | .25382 | 65 | 1198 | 54628000 |
| TOGGLE | GENERAL | AIR | 4 | | | | U | 2001 | 54630000 |
| TOGGLE | | AIR GND | 4 | | | | 61 | 212 | 54632000 |
| TOGGLE | AIR-CONDITIONER.CARGO-COMPARTMENT | AIR | 4.29664 | 15.7126 | 200 | .23274 | 65 | 1198 | 54634000 |
| TOGGLE | (+1/1000CYCIRL=10KC) | LAB | 5 | | | | 61 | 1086 | 54636000 |
| TOGGLE | | GRD | 5 | | | | 63 | 1094 | 54638000 |
| TOGGLE | AIR-CONDITION.FLIGHT-DECK | AIR | 5.68181 | 22.1005 | 204 | .176 | 63 | 1114 | 54640000 |
| TOGGLE | AIR-CONDITION.FLIGHT-DECK | AIR | 5.89767 | 22.9399 | 100 | .16956 | 63 | 1198 | 54642000 |
| TOGGLE | | AIR GND | 6.63507 | 9.53933 | | 2.11 | 58 | 212 | 54644000 |
| TOGGLE | AIR-CONDITION.FLIGHT-DECK | AIR | 6.7114 | 26.1053 | 100 | .149 | 63 | 1114 | 54646000 |
| TOGGLE | BOMB-NAVIGATION | AIR | 6.9 | | | 2.11 | 57 | 2001 | 54648000 |
| TOGGLE | AILERON-ASSEMBLY | AIR | 7.8796 | 30.6492 | 50 | .12691 | 65 | 1198 | 54650000 |
| TOGGLE | ELEVATOR-ASSEMBLY | AIR | 7.8796 | 30.6492 | 50 | .12691 | 65 | 1198 | 54652000 |
| TOGGLE | ELEVATOR-ASSEMBLY | AIR | 8.59328 | 22.868 | 200 | .23274 | 65 | 1198 | 54654000 |
| TOGGLE | FLOOR-HEAT.AIR-CONDITIONING. CARGO-COMPARTMENT | AIR | 8.59328 | 33.4252 | 100 | .11637 | 65 | 1198 | 54656000 |
| TOGGLE | DC-POWER-SUPPLY | AIR | 8.59328 | 33.4252 | 100 | .11637 | 65 | 1198 | 54658000 |
| TOGGLE | BOMB-NAVIGATION | AIR | 8.9 | | | 3.04 | 58 | 2001 | 54660000 |

PART CLASS SWITCHES, ELECTRICAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 M.D.C. | | | | | | | | | |
| TOGGLE | | AIR GND | 9.26091 | 19.0558 | | .0631 | 66 | 2LE | 54662000 |
| TOGGLE | GENERAL | GEN | 10 | | | | U | 2001 | 54664000 |
| TOGGLE | PROPELLER-ASSEMBLY | AIR | 10.5062 | 17.0657 | 300 | .76145 | 65 | 1198 | 54666000 |
| TOGGLE | HYDROMATIC-PROPELLER | AIR | 11.3421 | 19.9094 | 612 | .529 | 63 | 1114 | 54668000 |
| TOGGLE | ELEVATOR-ASSEMBLY | AIR | 11.3636 | 44.2011 | 102 | .088 | 63 | 1114 | 54670000 |
| TOGGLE | AILERON-ASSEMBLY | AIR | 11.3636 | 44.2011 | 102 | .088 | 63 | 1114 | 54672000 |
| TOGGLE | WING-FLAP-ASSEMBLY | AIR | 11.7952 | 45.8799 | 50 | .08478 | 63 | 1198 | 54674000 |
| TOGGLE | RUDDER-ASSEMBLY | AIR | 11.7952 | 45.8799 | 50 | .08478 | 63 | 1198 | 54676000 |
| TOGGLE | ELEVATOR-ASSEMBLY | AIR | 11.7952 | 45.8799 | 50 | .08478 | 63 | 1198 | 54678000 |
| TOGGLE | ELEVATOR-TRIM-TAB-ASSEMBLY | AIR | 11.7952 | 31.3888 | 100 | .16956 | 63 | 1198 | 54680000 |
| TOGGLE | DOOR,HYDRAULIC,PRESSURE | AIR | 12.1565 | 47.2854 | 152 | .08226 | 66 | 1250 | 54682000A |
| TOGGLE | AIR-CONDITION,FLIGHT-DECK | AIR | 12.0899 | 28.7049 | 200 | .22274 | 65 | 1198 | 54684000 |
| TOGGLE | RUDDER-ASSEMBLY | AIR | 13.3333 | 51.8626 | 50 | .075 | 63 | 1114 | 54686000 |
| TOGGLE | WING-FLAP-ASSEMBLY | AIR | 13.3333 | 51.8626 | 50 | .075 | 63 | 1114 | 54688000 |
| TOGGLE | ELEVATOR-ASSEMBLY | AIR | 13.3333 | 51.8626 | 50 | .075 | 63 | 1114 | 54690000 |
| TOGGLE | ELEVATOR-TRIM-TAB-ASSEMBLY | AIR | 13.4228 | 35.7201 | 100 | .149 | 63 | 1114 | 54692000 |
| TOGGLE | | AIR GND | 15.3 | | | | 57 | 2LE | 54694000 |
| TOGGLE | RUDDER-TRIM-TAB-ASSEMBLY | AIR | 15.7591 | 41.9375 | 50 | .12691 | 65 | 1198 | 54696000 |
| TOGGLE | DC-POWER-SUPPLY | AIR | 15.7591 | 41.9375 | 50 | .12691 | 65 | 1198 | 54698000 |
| TOGGLE | ELEVATOR-TRIM-TAB-ASSEMBLY | AIR | 17.1865 | 45.736 | 100 | .11637 | 65 | 1198 | 54700000 |
| TOGGLE | DOOR,HYDRAULIC,PRESSURE | AIR | 20.2265 | 78.6751 | 96 | .04944 | 65 | 1227 | 54702000 |
| TOGGLE | ACTUATOR-SHAFT-ASSEMBLY | AIR | 22.7272 | 60.4806 | 102 | .088 | 63 | 1114 | 54704000 |
| TOGGLE | AILERON-ASSEMBLY | AIR | 23.5904 | 62.7777 | 50 | .08478 | 63 | 1198 | 54706000 |
| TOGGLE | AILERON-ASSEMBLY | AIR | 26.6666 | 70.964 | 50 | .075 | 63 | 1114 | 54708000 |
| TOGGLE | IGNITION/ELECTRICAL-SYSTEMS | AIR | 26.6666 | 70.964 | 50 | .075 | 63 | 1114 | 54710000 |
| TOGGLE | | SUB AIR | 27.027 | 105.127 | | .037 | 63 | 1103 | 54712000S |
| TOGGLE | RADAR | GRD | 45 | | | .104 | U | 2001 | 54714000 |
| TOGGLE | (+10/1000CYC)(RL=10KC) | LAB | 50 | | | | 61 | 1066 | 54716000 |
| TOGGLE | IGNITION/ELECTRICAL-SYSTEMS | AIR | 58.9761 | 109.393 | 50 | .08478 | 63 | 1198 | 54716000 |
| TOGGLE | RUDDER-TRIM-TAB-ASSEMBLY | AIR | 70.7714 | 124.278 | 50 | .08478 | 63 | 1198 | 54720000 |
| TOGGLE | ACTUATOR-SHAFT-ASSEMBLY | AIR | 80 | 140.428 | 50 | .075 | 63 | 1114 | 54722000 |
| TOGGLE | DOPPLER-RADAR-SET,APN-89 | AIR | 93.752 | 325.77 | 31 | .01194 | 63 | 1181 | 54724000 |
| TOGGLE | DC-POWER-SUPPLY | AIR | 235.904 | 379.003 | 50 | .08478 | 63 | 1198 | 54726000 |
| TOGGLE | DC-POWER-SUPPLY | AIR | 266.666 | 360.601 | 50 | .075 | 63 | 1114 | 54728000 |
| TOGGLE,DPDT | | AIR GND | 90.909 | 353.609 | 239 | .011 | 65 | 1221 | 54730000 |
| TOGGLE,DPDT | | AIR | 100 | 199.838 | 380 | .04 | 61 | 1080 | 54732000A |
| TOGGLE,DPDT,MOM-OFF-MOM | | AIR | 26.6666 | 70.964 | 700 | .075 | 61 | 1080 | 54734000A |
| TOGGLE,DPDT,ON-OFF | | AIR | 25 | 66.5287 | 760 | .08 | 61 | 1080 | 54736000A |
| TOGGLE,DPDT,ON-OFF-MOM | | AIR | 50 | 133.057 | 380 | .04 | 61 | 1080 | 54738000A |
| TOGGLE,DPDT,ON-OFF-ON | | AIR | 326.086 | 462.878 | 460 | .046 | 61 | 1080 | 54740000A |
| TOGGLE,DPDT,ON-ON | | AIR | 9.0909 | 35.3609 | 1020 | .11 | 61 | 1080 | 54742000A |
| TOGGLE,SOLENOID-HELD | | GEN | 1.85873 | 7.22992 | | .538 | 62 | 1018 | 54744000 |
| TOGGLE,SP | | LAB | * | 7.57533 | 84 | .30394 | 65 | 1222 | 54746000A |
| TOGGLE,SP,SEALED | | LAB | * | 11.1274 | 57 | .20693 | 65 | 1222 | 54748000A |
| TOGGLE,SPDT,MOM-OFF-MOM | | AIR | 75 | 167.02 | 380 | .04 | 61 | 1080 | 54750000A |

PART CLASS 7?1 SWITCHES, ELECTRICAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| TOGGLE.SPDT.ON-OFF | | AIR | 13.7931 | 36.7055 | 1340 | .145 | 61 | 1080 | 54752000A |
| TOGGLE.SPST.ON-OFF | | AIR | 41.4012 | 60.3756 | 320 | .514 | 61 | 1080 | 54754000A |
| TOGGLE.SPST.ON-OFF. SUITS-ACTION | | AIR | 28.5714 | 111.134 | 320 | .045 | 61 | 1080 | 54756000 |
| TOGGLE.4PDT | (.7F) | LAB | * | 343.671 | 2 | .0067 | 65 | 1217 | 54758000A |
| TOGGLE.4PST.ON-OFF-ON | | AIR | * | 26.7533 | 260 | .03 | 61 | 1080 | 54760000A |
| TOGGLE/TOGGLE-ACTUATED | .(C-1C- ACTUATIONS/HR) | GRD | 3 | | | | 65 | 1224 | 54762000 |
| TOGGLE/TOGGLE-ACTUATED | (11-2C- ACTUATIONS/HR) | GRD | 6 | | | | 65 | 1251 | 54764000 |
| TOGGLE/TOGGLE-ACTUATED | .(.1- 3C- ACTUATIONS/HR) | GRD | 9 | | | | 65 | 1251 | 54766000 |
| TOR | ACCUMULATOR, AUXILIARY-POWER-UNIT | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 54768000A |
| TRANSFER | WARNING, MAIN-LANDING-GEAR | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 54770000 |
| TRANSFER | AN/ARC-[illegible]X,UHF-COMMUNICATION | AIR | 280.469 | 238.752 | 557 | .51789 | 67 | 1272 | 54772000 |
| TRANSFER | AN/ARC-[illegible]X,UHF-COMMUNICATION | AIR | 236.282 | 305.935 | 675 | .11427 | 65 | 1228 | 54774000 |
| TRANSFER | AN/ARC-[illegible]X,UHF-COMMUNICATION | AIR | 365.046 | 462.9 | 406 | .08766 | 64 | 1179 | 54776000 |
| TRANSFER.INDICATOR | MAIN LANDING GEAR | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 54778000 |
| TRANSFER.INDICATOR | LANDING GEAR | AIR | 41.6666 | 130.681 | 124 | .048 | 63 | 1111 | 54780000 |
| TURN-CCT-OUT | [illegible]-COMPASS | AIR | 54.5454 | 121.469 | 320 | .056 | 61 | 1080 | 54782000A |
| UNDERSPEED | ELECTRICAL-POWER,707-[illegible] | AIR | 110P | | | | 66 | 2361 | 54784000 |
| UNDERSPEED | ELECTRICAL-POWER,707-[illegible] | AIR | 90P | | | | 66 | 2362 | 54786000 |
| UNDERSPEED | ELECTRICAL-POWER,707-[illegible] | AIR | 280P | | | | 66 | 2361 | 54788000 |
| UNDERSPEED | ELECTRICAL-POWER,707-[illegible] | AIR | 130P | | | | 65 | 2361 | 54790000 |
| UNDERSPEED | ELECTRICAL-POWER,707-[illegible] | AIR | 450P | | | | 65 | 2362 | 54792000 |
| UNDERSPEED | ELECTRICAL-POWER,707-[illegible] | AIR | 510P | | | | 66 | 2362 | 54794000 |
| UNITS | | LAB | * | 4.66526 | 10 | .50 | 62 | 1274 | 54796000A |
| UNITS,PF | ALTIMETER-SET | AIR | 1248.26 | 1975.41 | | .00721 | 66 | 1241 | 54798000A |
| VACUUM | CAMERA VACUUM-SYSTEM | AIR | * | 36.7358 | 300 | .06268 | 63 | 1198 | 54800000 |
| WATER | (SEPECIFY-RATE%.E) | SEM AIR | * | 575.65 | 16 | .004 | 65 | 1154 | 54802000 |
| WATER | (SPECIFY-RATE%.E) | LAB | * | 49.8523 | 45 | .02406 | 64 | 1154 | 54804000 |
| WATER | | GRD | * | 8856.15 | | .00026 | 64 | 1180 | 54806000 |
| WATER | | LAB | * | 41.7894 | 105 | .0551 | 66 | 1233 | 54808000A |
| WATER | | GRD | 3.7096 | 57.3558 | | .31 | 63 | 2249 | 54810000 |
| WARNING | LOW-QUANTITY OIL. ENGINE-INSTRUMENTATION | AIR | * | 6.78952 | 200 | .33912 | 63 | 1198 | 54812000 |
| WARNING | UNLOCKED,LANDING-GEAR,NOSE | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 54814000 |
| WARNING | LOW-QUANTITY.OIL. ENGINE-INSTRUMENTATION | AIR | * | 4.53598 | 200 | .50763 | 65 | 1198 | 54816000 |
| WARNING | HIGH OIL-TEMPERATURE. CONSTANT-SPEED-DRIVE-SYSTEM | AIR | * | 23.2866 | 192 | .09888 | 65 | 1227 | 54818000 |
| WARNING | DOOR,MECHANICAL,FORWARD-ENTRANCE | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 54820000 |
| WARNING | DOOR,MECHANICAL,PERSONNEL,C-C | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 54822000 |
| WARNING | DOOR,MECHANICAL,PARATROOP | AIR | * | 13.5798 | 100 | .16956 | 63 | 1198 | 54824000 |
| WARNING | DOOR,MECHANICAL,PARATROOP | AIR | * | 9.89344 | 200 | .23274 | 65 | 1198 | 54826000 |
| WARNING | DOOR,HORIZONTAL-STABILIZER,EMPENNAGE | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 54828000 |
| WARNING | UNLOCKED,LANDING-GEAR,NOSE | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 54830000 |
| WARNING | DOOR,ELECTRIC,ASSIST-TAKE-OFF/ SPOILER | AIR | 3.9398 | 15.3248 | 100 | .25382 | 65 | 1198 | 54832000 |

PART CLASS 701 SWITCHES, ELECTRICAL

| PART DESCRIPTION .00 N.S.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF PPT | DATA SRCE | CODED INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| WARNING | DOOR.HYDRAULIC.AFT-CARGO | AIR | 3.93995 | 15.3252 | 100 | .25281 | 65 | 1198 | 54834000 |
| WARNING | DOOR.HYDRAULIC.RAMP | AIR | 5.2532 | 13.9795 | 150 | .38072 | 65 | 1198 | 54836000 |
| WARNING | DOOR.HYDRAULIC.AFT-CARGO | AIR | 5.68181 | 22.1005 | 204 | .176 | 63 | 1114 | 54838000 |
| WARNING | DOOR.HYDRAULIC.RAMP | AIR | 7.54717 | 20.0841 | 306 | .265 | 63 | 1114 | 54840000 |
| WARNING | EMPTY.AUXILIARY-DISTRIBUTION. FUEL-SYSTEM | AIR | 8.59328 | 17.1727 | 400 | .46548 | 65 | 1198 | 54842000 |
| WARNING | LOW-PRESSURE.FUEL-SYSTEM | AIR | 12.6415 | 23.4493 | 768 | .39552 | 65 | 1227 | 54844000 |
| WARNING | PRESSURE-DISTRIBUTION | AIR | 13.9625 | 54.3102 | 186 | .07162 | 63 | 1114 | 54846000 |
| WARNING | DOOR.ELECTRIC.ASSIST-TAKE-OFF/ SPOILER | AIR | 17.1865 | 34.3454 | 200 | .23274 | 65 | 1198 | 54848000 |
| WARNING | DOOR.MECHANICAL.PARATROOP | AIR | 22.7272 | 45.4178 | 204 | .176 | 63 | 1114 | 54850000 |
| WARNING | DOOR.MECHANICAL.PARATROOP | AIR | 23.6387 | 41.4943 | 100 | .25382 | 65 | 1198 | 54852000 |
| WARNING | DOOR.HYDRAULIC.RAMP | AIR | 26.6666 | 46.5093 | 150 | .225 | 63 | 1114 | 54854000 |
| WARNING | DOOR.HYDRAULIC.AFT-CARGO | AIR | 26.8456 | 53.6479 | 100 | .149 | 63 | 1114 | 54856000 |
| WARNING | DOOR.ELECTRIC.ATG/SPOILER | AIR | 26.8456 | 53.6479 | 100 | .149 | 63 | 1114 | 54858000 |
| WARNING | EMPTY.AUXILIARY-DISTRIBUTION. FUEL-SYSTEM | AIR | 28.409 | 52.6971 | 204 | .176 | 63 | 1114 | 54860000 |
| WARNING | DOOR.HYDRAULIC.AFT-CARGO | AIR | 29.588 | 54.6986 | 100 | .16956 | 63 | 1198 | 54862000 |
| WARNING | DOOR.ELECTRIC.ASSIST-TAKE-OFF/ SPOILER | AIR | 29.488 | 54.6986 | 100 | .16956 | 63 | 1198 | 54864000 |
| WARNING | DOOR.HYDRAULIC.RAMP | AIR | 31.4539 | 51.0918 | 150 | .25434 | 63 | 1198 | 54866000 |
| WARNING | DOOR.ELECTRIC.GAS-TURBINE. COMPRESSOR-INTAKE | AIR | 34.0909 | 75.9181 | 102 | .088 | 63 | 1114 | 54868000 |
| WARNING | DOOR.ELECTRIC.GAS-TURBINE. COMPRESSOR-INTAKE | AIR | 39.3979 | 73.0809 | 50 | .12691 | 65 | 1198 | 54870000 |
| WARNING | EMPTY.AUXILIARY-DISTRIBUTION. FUEL-SYSTEM | AIR | 39.3979 | 69.6991 | 100 | .25382 | 65 | 1198 | 54872000 |
| WARNING | | AIR | 83.752 | 325.77 | 31 | .08134 | 63 | 1111 | 54874000 |
| WARNING | OIL-LOW.ENGINE/CONSTANT-SPEED-DRIVE. SYSTEM | AIR | 101.132 | 155.811 | 192 | .04888 | 65 | 1227 | 54876000 |
| WARNING | PUMP-PRESSURE.NO-2-HYDRAULIC-SYSTEM | AIR | 202.265 | 311.623 | 96 | .04944 | 65 | 1227 | 54878000 |
| WARNING.COMP-OIL-PRESSURE | AIR-CONDITIONING.707-331 | AIR | 100P | | | | 66 | 2364 | 54880000 |
| WARNING.COMP-OIL-PRESSURE | AIR-CONDITIONING.707-131 | AIR | 170P | | | | 65 | 2361 | 54882000 |
| WARNING.COMP-OIL-PRESSURE | AIR-CONDITIONING.707-331 | AIR | 560P | | | | 66 | 2364 | 54884000 |
| WARNING.COMP-OIL-PRESSURE | AIR-CONDITIONING.707-331 | AIR | 1050P | | | | 66 | 2361 | 54886000 |
| WARNING.COMP-OIL-PRESSURE | AIR-CONDITIONING.707-131 | AIR | 80P | | | | 66 | 2362 | 54888000 |
| WARNING-COMP-OIL-PRESSURE | AIR-CONDITIONING.707-131 | AIR | 60P | | | | 66 | 2362 | 54890000 |
| WARNING-COMP-OIL-PRESSURE | AIR-CONDITIONING.707-331 | AIR | 110P | | | | 66 | 2362 | 54892000 |
| WARNING-TEST.EMERGENCY | | AIR | * | 27.1597 | 50 | .08476 | 63 | 1198 | 54894000 |
| WARNING-TEST.EMERGENCY | | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 54896000 |
| WARNING-TEST.EMERGENCY | | AIR | 7.8796 | 30.6492 | 50 | .12691 | 65 | 1198 | 54898000 |
| WATER-PRESS | WATER-WASTE.727 | AIR | 340P | | | | 65 | 2363 | 54900000 |
| WATER-PRESSURE | WATER/WASTE.727 | AIR | 210P | | | | 66 | 2365 | 54902000 |
| WAVEGUIDE | (PER-CONTACT-SET | LAB | .5 | | | | 63 | 1138 | 54904000 |
| WAVEGUIDE | | AIR | 481.5 | | | | 57 | 211 | 54906000 |

PART CLASS 791 SWITCHES, ELECTRICAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 60 CONF LIMIT | PART POPU-LATION | PART HOURS | YR BY RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.E.C. | | | | | | | | | |
| WAVEGUIDE.MICROWAVE | | GRD | * | 360.344 | | .00639 | 64 | 1180 | 54908000 |
| WAVEGUIDE.MICROWAVE | RECEIVER/TRANSMITTER | LAB | .48 | | | | 63 | 1138 | 54910000 |
| WAVEGUIDE.MICROWAVE | RECEIVER/TRANSMITTER | LAB | 40 | | | | 61 | 1071 | 54912000 |
| WAVEGUIDE.MICROWAVE | ASB-38.RADAR | AIR | 83.752 | 325.77 | 3* | .01194 | 63 | 1111 | 54914000 |
| WAVEGUIDE.MICROWAVE | AN/APS-82 | AIR | 205.29* | 324.041 | 65 | .04584 | 64 | 1155 | 54916000 |
| WAVEGUIDE.MICROWAVE | | AIR GMD | 5046.72 | 6534.43 | 108 | .00535 | 65 | 1168 | 54918000 |
| ←WAY | TRIM.STABILIZER-CONTROL | AIR | * | 96.4641 | 62 | .02387 | 63 | 1117 | 54920000 |
| .10 FLUID PRESSURE | | | | | | | | | |
| FUEL | FUEL.707-131B | AIR | 20P | | | | 65 | 2362 | 54922000 |
| FUEL | FUEL.707-131 | AIR | 40P | | | | 65 | 2362 | 54924000 |
| FUEL | FUEL.707-331 | AIR | 40P | | | | 66 | 2362 | 54926000 |
| FUEL | FUEL.707.131 | AIR | 160P | | | | 65 | 2361 | 54928000 |
| FUEL-FEED | FUEL.707.131B | AIR | 10P | | | | 65 | 2361 | 54930000 |
| FUEL-FEED | FUEL.707.131B | AIR | 10P | | | | 66 | 2361 | 54932000 |
| FUEL-FEED | FUEL.707-131B | AIR | 20P | | | | 65 | 2362 | 54934000 |
| FUEL-FEED | FUEL.707-331B | AIR | 20P | | | | 66 | 2362 | 54936000 |
| FUEL-FEED | FUEL.707-131B | AIR | 30P | | | | 66 | 2362 | 54938000 |
| FUEL-FEED | FUEL.707-331B | AIR | 30P | | | | 66 | 2362 | 54940000 |
| FUEL-FEED | FUEL.707-331 | AIR | 30P | | | | 66 | 2362 | 54942000 |
| FUEL-FEED | FUEL.707-131B | AIR | 30P | | | | 66 | 2362 | 54944000 |
| FUEL-FEED | FUEL.707.331 | AIR | 60P | | | | 66 | 2361 | 54946000 |
| FUEL-FEED | FUEL.707-131 | AIR | 60P | | | | 65 | 2362 | 54948000 |
| HYDRAULIC | HYDRAULIC-POWER.707.331 | AIR | 50P | | | | 64 | 2361 | 54950000 |
| HYDRAULIC | HYDRAULIC-POWER.707.131B | AIR | 80P | | | | 66 | 2361 | 54952000 |
| HYDRAULIC | HYDRAULIC-POWER.707.131 | AIR | 150P | | | | 66 | 2361 | 54954000 |
| HYDRAULIC | HYDRAULIC-POWER.707.331 | AIR | 190P | | | | 66 | 2361 | 54956000 |
| HYDRAULIC | HYDRAULIC-POWER.707.131 | AIR | 260P | | | | 65 | 2361 | 54958000 |
| .40 TEMPERATURE | | | | | | | | | |
| | | | 4.03 | | | | 57 | 211 | 54960000 |
| | | AIR | 19.5 | | | | 57 | 211 | 54962000 |
| AIR | ASN-54 | AIR | * | 401.149 | | .00574 | 65 | 1106 | 54964000 |
| CONTROL.MANUAL | AIR-CONDITIONED | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 54966000 |
| HIGH.OIL | AUXILIARY-POWER-UNIT | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 54968000 |
| HIGH.OIL | AUXILIARY-POWER-UNIT | AIR | 24.3131 | 94.5708 | 76 | .04123 | 66 | 1250 | 54970000A |
| .50 MAGNETIC | | | | | | | | | |
| | | SIN AIR | * | 2192.95 | 2 | .00105 | 64 | 1151 | 54972000A |
| REED | (RV=.91,RC=.45) | GRD | * | 1524.9 | 2 | .00151 | 65 | 1177 | 54974000A |
| REED | | AIR | 22.0588 | 49.1235 | 638 | .136 | 66 | 1253 | 54976000A |
| REED | | AIR | 22.0718 | 49.1524 | | .13592 | 65 | 212 | 54978000 |

PART CLASS 741 SWITCHES, ELECTRICAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .70 MANUAL | | | | | | | | | |
| A/P-STANDARD | FLIGHT-DIRECTOR-SYSTEM | AIR | * | 6.39562 | 900 | .34911 | 65 | 1198 | 54980000 |
| COAXIAL | .(0-10-ACTUATIONS/HR) | GRD | 4 | | | | 65 | 1251 | 54982000 |
| COAXIAL | | GRD | 5.5 | | | | 63 | 1092 | 54984000 |
| COAXIAL | .(11-20-ACTUATIONS/HR) | GRD | 8 | | | | 65 | 1251 | 54986000 |
| COAXIAL | .(21-30-ACTUATIONS/HR) | GRD | 12 | | | | 65 | 1251 | 54988000 |
| CONTROL | | AIR | .02P | | | | 65 | 2590 | 54990000 |
| CONTROL | | AIR | .03P | | | | 65 | 2590 | 54992000 |
| CONTROL | | AIR | .04P | | | | 65 | 2590 | 54994000 |
| CONTROL | | AIR | .08P | | | | 65 | 2590 | 54996000 |
| CONTROL | | AIR | .08P | | | | 65 | 2590 | 54998000 |
| CONTROL | | AIR | .62P | | | | 65 | 2590 | 55000000 |
| CONTROL | | AIR | .04P | | | | 65 | 2590 | 55002000 |
| CONTROL.ENGINE.DRIVEN-PUMP | | AIR | .05P | | | | 65 | 2590 | 55004000 |
| CONTROL.FUEL-ENRICHMENT | | AIR | .12P | | | | 65 | 2590 | 55006000 |
| CONTROL.FUEL-QUANTITY-TEST | | AIR | .01P | | | | 65 | 2590 | 55008000 |
| CONTROL.JETTISON | | AIR | .01P | | | | 65 | 2590 | 55010000 |
| CONTROL.LOW-SPEED. GROUND-IDLE | | AIR | .82P | | | | 65 | 2590 | 55012000 |
| CONTROL.LOW-SPEED. GROUND-IDLE | | AIR | 1.03P | | | | 65 | 2590 | 55014000 |
| CONTROL.MICRO CONT-QUAD | | AIR | .01P | | | | 65 | 2590 | 55016000 |
| CONTROL.SELECTOR. BRAKE-PRESSURE | | AIR | .1P | | | | 65 | 2590 | 55018000 |
| CONTROL.STARTER | | AIR | .03P | | | | 65 | 2590 | 55020000 |
| CONTROL.STARTER | | AIR | .32P | | | | 65 | 2590 | 55022000 |
| CONTROL.TOGGLE | | AIR | .01P | | | | 65 | 2590 | 55024000 |
| CONTROL.TOGGLE | | AIR | .01P | | | | 65 | 2590 | 55026000 |
| CONTROL.TOGGLE | | AIR | .04P | | | | 65 | 2590 | 55028000 |
| CONTROL.TOGGLE | | AIR | .05P | | | | 65 | 2590 | 55030000 |
| CONTROL.TOGGLE | | AIR | .08P | | | | 65 | 2590 | 55032000 |
| CONTROL.TOGGLE | | AIR | .08P | | | | 65 | 2590 | 55034000 |
| CONTROL.TOGGLE | | AIR | .1P | | | | 65 | 2590 | 55036000 |
| CONTROL.TOGGLE | | AIR | .1P | | | | 65 | 2590 | 55038000 |
| CONTROL.TOGGLE | | AIR | .1P | | | | 63 | 2590 | 55040000 |
| CONTROL.TOGGLE | | AIR | .1P | | | | 65 | 2590 | 55042000 |
| CONTROL.TOGGLE | | AIR | .16P | | | | 65 | 2590 | 55044000 |
| CONTROL.TOGGLE | | AIR | .16P | | | | 65 | 2590 | 55046000 |
| MANUAL.TEST | | AIR | .04P | | | | 65 | 2590 | 55048000 |
| MANUAL.TEST.WARNING | | AIR | .08P | | | | 65 | 2590 | 55050000 |
| PUSH-BUTTON | | GRD | 132.187 | 351.771 | | .01313 | 64 | 1180 | 55052000 |
| RESET | | LAB | .3051980 | .3601950 | | 29.24C | 63 | 2213 | 55054000 |
| ROTARY | | GRD | * | 385.05 | | .00598 | 64 | 1180 | 55056000 |
| ROTARY | | GRD | * | 104.237 | | .02209 | 64 | 1180 | 55058000 |
| ROTARY | | AIR | .07P | | | | 65 | 2590 | 55060000 |

PART CLASS 791 SWITCHES, ELECTRICAL

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF APT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .70 MANUAL | | | | | | | | | |
| ROTARY | | AIR | .08P | | | | 65 | 2590 | 55062000 |
| ROTARY | | AIR | .08P | | | | 65 | 2590 | 55064000 |
| ROTARY | | AIR | .16P | | | | 65 | 2590 | 55066000 |
| ROTARY | | AIR | .21P | | | | 65 | 2590 | 55068000 |
| ROTARY | | AIR | .39P | | | | 65 | 2590 | 55070000 |
| ROTARY | | AIR | .5IP | | | | 65 | 2590 | 55072000 |
| ROTARY | | AIR | 1.12P | | | | 65 | 2590 | 55074000 |
| ROTARY | | AIR | 9.80392 | 19.592 | 1914 | .406 | 66 | 1253 | 55076000A |
| ROTARY | (RC=.03) | GRD | 662.251 | 1474.79 | 6 | .00453 | 65 | 1177 | 55078000A |
| ROTARY.SELECTOR | | AIR | .02P | | | | 65 | 2590 | 55080000 |
| ROTARY.SELECTOR | | AIR | .05P | | | | 65 | 2590 | 55082000 |
| ROTARY.SINGLE-POLE, 3-POSITION | | LAB | 14.2857C | 31.8133C | 3 | .21C | 65 | 1203 | 55084000 |
| ROTARY,5-POSITION | (120MA.24V) | LAB | * | 22.5745C | 1 | .102C | 65 | 1203 | 55086000A |
| SENSITIVE | | AIR | 5.39083 | 14.3458 | 1809 | .371 | 66 | 1253 | 55088000A |
| SENSITIVE.LARGE | (PER-CONTACT-SET) | LAB | .045 | | | | 53 | 1138 | 55090000A |
| TEMPERATURE-CONTROL.MANUAL | AIR-CONDITION | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 55092000A |
| TOGGLE | | GRD | * | 90.5822 | | .02542 | 64 | 1180 | 55094000 |
| TOGGLE | | GRD | * | 104.997 | | .02193 | 64 | 1180 | 55096000 |
| .90 SQUIB | | | | | | | | | |
| | (STORAGE) | MSL | .01 | | | | 65 | 2440 | 55098000 |
| | (STORAGE) | | .01 | | | | 66 | 2MI | 55100000 |
| EXPLOSIVE.SQUIB-ACTIVATED | (STORAGE-75F) | LAB | * | 8.36179 | 80 | .2628 | 64 | 1191 | 55102000A |
| EXPLOSIVE.SQUIB-ACTIVATED | (STORAGE-110F) | LAB | * | 2.13124 | 60 | 1.0804 | 64 | 1191 | 55104000A |
| EXPLOSIVE.SQUIB-ACTIVATED | (STORAGE-130F) | LAB | * | 1.65143 | 80 | 1.3943 | 64 | 1191 | 55106000A |
| EXPLOSIVE.SQUIB-ACTIVATED | (STORAGE-140F) | LAB | * | 1.00405 | 150 | 2.2933 | 64 | 1191 | 55108000A |
| EXPLOSIVE.SQUIB-ACTIVATED | (STORAGE-150F) | LAB | * | 1.49141 | 170 | 1.5439 | 64 | 1191 | 55110000A |
| EXPLOSIVE.SQUIB-ACTIVATED | (STORAGE-160F) | LAB | * | 2.54389 | 200 | .90522 | 64 | 1191 | 55112000A |
| EXPLOSIVE.SQUIB-ACTIVATED | (STORAGE-170F) | LAB | * | 5.27644 | 100 | .24822 | 64 | 1191 | 55114000A |
| EXPLOSIVE.SQUIB-ACTIVATED | (STORAGE-200F) | LAB | 264.136 | 342 | 80 | .10222 | 64 | 1191 | 55116000A |
| EXPLOSIVE.SQUIB-ACTIVATED | (STORAGE-250F) | LAB | 395.677 | 475.707 | 50 | .13142 | 64 | 1191 | 55118000A |

SECTION I FAILURE RATE DATA

PART CLASS 793 SWIVELS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 M.O.C. | | | | | | | | | |
| | HYDRAULIC-SYSTEM | AIR | 16 | 42.5784 | 488 | .125 | 66 | 1223 | 55120600 |
| | | AIR | 79.7 | | | | 67 | 241 | 55122400 |
| | STEERING-SYSTEM | AIR | 89.7696 | 136.07 | 248 | .0955 | 63 | 1111 | 55124000A |
| | [illegible]-LANDING-GEAR-MAIN | AIR | 404.712 | 194.234 | 124 | .04775 | 63 | 1111 | 55126000 |
| 2WAY | LANDING-GEAR,MAIN | AIR | 20.9424 | 81.4596 | 124 | .04775 | 63 | 1111 | 55126000 |
| HYDRAULIC,DUAL,2-PLANE, 3000PSI | | AIR | 152.139 | 907.526 | 84 | .01304 | 66 | 1240 | 55130000A |
| HYDRAULIC,SINGLE,2-PLANE, 3000PSI | | AIR | 76.5696 | 297.633 | 84 | .01304 | 66 | 1240 | 55132000A |
| HYDRAULIC,SINGLE,3000PSI, PARALLEL | | AIR | 76.5696 | 297.633 | 84 | .01304 | 66 | 1240 | 55134000 |
| HYDRAULIC,SINGLE,3000PSI, 2-6/16TH-DIAMETER | | AIR | 152.139 | 907.526 | 84 | .01304 | 66 | 1240 | 55136000A |
| HYDRAULIC,SINGLE,3000PSI, 2-9/16TH-DIAMETER | | AIR | 91.0404 | 198.955 | 120 | .01929 | 66 | 1240 | 55138000A |
| SELF-AL,PRS,HYDRAULIC, RELEASEABLE | | MSL | 108.587 | 135.572 | 1800 | .024 | 66 | 1234 | 55140000A |
| SELF-AL,PRS,HYDRAULIC,[illegible], SLEEVED | | MSL | 219.28 | 241.934 | 924 | .428 | 66 | 1234 | 55142000A |
| SELF-AL,PRS,HYDRAULIC,45865, SLEEVED | | MSL | 532.046 | 383.204 | 684 | .428 | 66 | 1234 | 55144000A |

PART CLASS 755 SYNCHROS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | FR 65 RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.L. | | | | | | | | | |
| | ASTRO-TRACKER-SUBSYSTEM | AIR | • | 36.497 | 8 | .06309 | 62 | 2322 | 55146000 |
| | | GRD | • | 67.7235 | 18 | .034 | 65 | 1193 | 55148000 |
| | | GRD | • | 39.9271 | 54 | .059 | 65 | 1193 | 55150000 |
| | ANTENNA.TOSS-BOMB-COMPUTER | SIM GRD AIR | • | 82.9765 | 195 | .02779 | 64 | 1181 | 55152000A |
| | | GRD | • | 3.73713 | 356 | .40135 | 64 | 1176 | 55154000 |
| | | SIM AIR | • | 46.9918 | | .049 | 63 | 1103 | 55156000A |
| | | MSL | • | 2302.6 | | .001 | 57 | 2L2 | 55158000 |
| | | LAB | .35 | | | | 63 | 1138 | 55160000 |
| | | GEN | .35 | | | | U | 2001 | 55162000 |
| | | SUB | 1 | | | | 66 | 2M3 | 55164000 |
| | | GEN | 1.5 | | | | U | 2001 | 55166000 |
| | RADAR | AIR | 1.75 | | | .607 | U | 2001 | 55168000 |
| | | AIR | 1.8 | | | | 62 | 2240 | 55170000 |
| | | SHP | 1.8 | | | | 62 | 2240 | 55172000 |
| | | GEN | 2.5 | | | | U | 2001 | 55174000 |
| | | AIR | 3 | | | | 62 | 2240 | 55176000 |
| | | AIR GND | 4.83445 | 9.26144 | | .8631 | 66 | 216 | 55178000 |
| | BOMB-NAVIGATION | AIR | 4.9 | | | 1.8 | 58 | 2001 | 55180000 |
| | | GRD | 5 | | | | 63 | 1098 | 55182000 |
| | | GRD SHP | 5.39316 | 20.9777 | | .18542 | 64 | 1180 | 55184000 |
| | | SIM AIR | 6.82593 | 26.5508 | 506 | .1465 | 65 | 1195 | 55186000A |
| | BOMB-NAVIGATION | AIR | 8.1 | | | 2.79 | 57 | 2001 | 55188000 |
| | | AIR GND | 8.24372 | 10.9151 | | 2.79 | 58 | 2L2 | 55190000 |
| | BOMB-NAVIGATION | AIR | 12 | | | .320 | 58 | 2001 | 55192000 |
| | BOMB-NAVIGATION | AIR | 13 | | | 2.4 | 58 | 2001 | 55194000 |
| | | GEN | 13.3333 | 35.482 | | .15 | 62 | 1078 | 55196000 |
| | BOMB-NAVIGATION | AIR | 17 | | | .122 | 58 | 2001 | 55198000 |
| | BOMB-NAVIGATION | AIR | 19 | | | .486 | 61 | 2001 | 55200000 |
| | | QUAL TEST | 16.3934 | 43.6254 | | .122 | 59 | 2L2 | 55202000 |
| | | GEN | 20 | | | | U | 2001 | 55204000 |
| | | LAB | 20 | | | | 61 | 1086 | 55206000 |
| | | AIR | 20 | | | | 61 | 1068 | 55208000 |
| | | AIR GND | 21 | | | | 59 | 2L2 | 55210000 |
| | AUTO-FLIGHT-CONTROL | AIR | 22 | | | | 57 | 2001 | 55212000 |
| | | AIR | 23.9 | | | | 57 | 2L1 | 55214000 |
| | | SHP | 25.3742 | 29.0932 | 1152 | .3941 | 61 | 1131 | 55216000 |
| | RADAR | SHP | 29 | | | 1.220 | 58 | 2001 | 55218000 |
| | | LAB | 40 | | | | 61 | 1086 | 55220000 |
| | INERTIAL-GUIDANCE-SYSTEM | GRD | 40.7331 | 158.439 | | .02455 | 62 | 1136 | 55222000 |
| | | GRD | 40.7497 | 158.504 | | .02454 | 62 | 2L8 | 55224000 |
| | STABILIZATION-SUBSYSTEM | AIR | 50.9018 | 67.3969 | 22 | .45185 | 62 | 2322 | 55226000 |
| | NAVIGATION-SUBSYSTEM | AIR | 55.4117 | 60.6143 | 164 | 3.8259 | 62 | 2322 | 55228000 |
| | SEARCH-RADAR-SUBSYSTEM | AIR | 64.5213 | 90.5379 | 23 | .24798 | 62 | 2322 | 55230000 |
| | BOMB-NAVIGATION | AIR | 70 | | | .274 | 57 | 2001 | 55232000 |
| | | AIR | 72.072 | 144.027 | 440 | .0555 | 62 | 1095 | 55234000 |

| PART CLASS 705 SYNCHROS<br>PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.E.C. | | | | | | | | | |
| | | AIR GMD | 72.9627 | 98.7847 | | .274 | 58 | 2L2 | 55236000 |
| | | MSL | 73.5294 | 134.392 | | .068 | 61 | 1081 | 55238000 |
| | | AIR | 78.9473 | 102.22 | | .342 | 61 | 1084 | 55240000 |
| | | GRD | 89.0448 | 113.002 | 50 | .37843 | 64 | 1210 | 55242000 |
| | RADAR | AIR | 90 | | | .174 | U | 2001 | 55244000 |
| | GENERAL | AIR | 100 | | | | 57 | 2001 | 55246000 |
| | | AIR SHP GMD | 100 | | | | 58 | 2L2 | 55248000 |
| | | AIR | 161.042 | 183.113 | | .652 | 61 | 1083 | 55250000 |
| | | AIR GMD | 200 | 264.947 | | .110 | 58 | 2L2 | 55252000 |
| | | AIR GMD | 200 | | | | 61 | 2L2 | 55254000 |
| | FIRE-CONTROL | AIR | 200 | | | .110 | 58 | 2001 | 55256000 |
| | LANDING-STEERING | AIR | 252.252 | 325.044 | 440 | .111 | 61 | 1086 | 55258000 |
| | AUTO-FLIGHT-CONTROL | AIR | 340 | | | | U | 2001 | 55260000 |
| | | MSL | 358 | | | | 57 | 2L2 | 55262000 |
| | | AIR | 396.825 | 478.884 | | .126 | 61 | 1082 | 55264000 |
| BRUSH.TYPE | (STORAGE) | MSL | 5 | | | | 65 | 2440 | 55266000 |
| DIFFERENTIAL | | AIR | 491.573 | 826.608 | | .01424 | 61 | 2L1 | 55268000 |
| DIFFERENTIAL.GENERATOR | RADAR | AIR | 22 | | | 140 | 58 | 2001 | 55270000 |
| GENERATOR | RADAR | AIR | 100 | | | .280 | 58 | 2001 | 55272000 |
| PACKAGE | | AIR GMD | 5.66037 | 9.93594 | | 1.06 | 61 | 1087 | 55274000 |
| PACKAGE | | AIR GMD | 6.69642 | 14.9125 | | .448 | 62 | 1087 | 55276000 |
| PACKAGE | | AIR GMD | 11.396 | 22.7736 | | .351 | 62 | 1087 | 55278000 |
| PANCAKE | | AIR GMD | 5.95238 | 13.2555 | | .304 | 62 | 1087 | 55280000 |
| PANCAKE | | AIR GMD | 6.39534 | 9.65008 | | 1.72 | 61 | 1087 | 55282000 |
| PANCAKE | | AIR GMD | 21.8818 | 33.7125 | | .457 | 62 | 1087 | 55284000 |
| REPEATER | RADAR | AIR | 6.5 | | | .140 | 58 | 2001 | 55286000 |
| REPEATERS | | AIR | * | 153.506 | 2 | .015 | 62 | 1099 | 55288000 |
| REPEATERS | | AIR | 47.619 | 185.223 | 2 | .021 | 62 | 1099 | 55290000 |
| REPEATERS | | AIR | 58.7084 | 74.9806 | 17 | .511 | 62 | 1099 | 55292000 |
| RESOLVER | | GRD | * | 939.836 | | .00245 | 64 | 1180 | 55294000 |
| RESOLVER | | LAB | .25 | | | | 61 | 1071 | 55296000 |
| RESOLVER | | GEN | .417 | | | | 61 | 1079 | 55298000 |
| RESOLVER | | LAB | 1.11 | | | | 63 | 1138 | 55300000 |
| RESOLVER | | AIR GMD | 1.2 | | | | 63 | 1096 | 55302000 |
| RESOLVER | | LAB | 20 | | | | 61 | 1086 | 55304000 |
| RESOLVER | | GEN | 21 | | | | 62 | 1078 | 55306000 |
| RESOLVER | | LAB | 40 | | | | 61 | 1086 | 55308000 |
| RESOLVER | | GRD | 64.8152 | 94.5203 | 221 | .20057 | 64 | 1176 | 55310000 |
| RESOLVER | RADAR | AIR | 300 | | | .560 | 58 | 2001 | 55312000 |
| RESOLVER,5-26V.400CPS | | SUB | .580685 | .791643 | 528 | 32.72 | 66 | 1261 | 55314000 |
| RESOLVERS | | AIR | * | 460.52 | 40 | .005 | 62 | 1095 | 55316000A |
| RESOLVERS | | AIR | * | 43.4452 | 13 | .053 | 62 | 1093 | 55318000 |
| RESOLVERS | | AIR | * | 363.764 | 3 | .006 | 62 | 1099 | 55320000 |
| RESOLVERS | | AIR | * | 39.7 | 4 | .058 | 62 | 1099 | 55322000 |
| RESOLVERS | (FULL-OPERATION) | AIR | * | 164.471 | 1 | .014 | 62 | 1099 | 55324000 |

PART CLASS 755 SYNCHROS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR 55 RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C | | | | | | | | | |
| RESOLVERS | | AIR | * | 1151.3 | 1 | .002 | 62 | 1099 | 55326000 |
| RESOLVERS | | AIR | * | 82.2351 | 2 | .028 | 62 | 1099 | 55328000 |
| RESOLVERS | ROLL-ANGLE-REPEATER.RADAR | SIM GRD AIR | * | 82.9765 | 195 | .02775 | 64 | 1181 | 55330000A |
| RESOLVERS | ROLL-ANGLE-REPEATER.TOSS-BOMB-COMPUTER | SIM GRD AIR | * | 115.13 | 139 | .02 | 63 | 1117 | 55332000 |
| RESOLVERS | HOMING-SET-COORDINATE-CONVERTER | GRD | * | 657.885 | | .0035 | 62 | 1135 | 55334000 |
| RESOLVERS | | GRD | * | 17.0816 | 12 | .1348 | 66 | 1230 | 55336000A |
| RESOLVERS | | SIM AIR | * | 2192.95 | 2 | .00105 | 64 | 1151 | 55338000A |
| RESOLVERS | | AIR | * | 19.1883 | 4 | .12 | 62 | 1099 | 55340000 |
| RESOLVERS | | AIR | * | 104.663 | 1 | .022 | 62 | 1099 | 55342000 |
| RESOLVERS | | SIM AIR | * | 138.961 | 16 | .01657 | 64 | 1150 | 55344000A |
| RESOLVERS | | LAB | .04 | | | | 63 | 1138 | 55346000A |
| RESOLVERS | | GRD | 5.00632 | 22.9738 | 21 | .16931 | 64 | 1210 | 55348000A |
| RESOLVERS | | GRD | 10 | | | | 63 | 1098 | 55350000 |
| RESOLVERS | INERTIAL-GUIDANCE-SYSTEM | GRD | 10.563 | 41.0869 | | .09467 | 62 | 1136 | 55352000 |
| RESOLVERS | | SUB | 14.4 | | | | 63 | 1092 | 55354000 |
| RESOLVERS | | SHP | 54.1271 | 144.04 | 108 | .03695 | 61 | 1131 | 55356000A |
| RESOLVERS | | AIR | 65.0887 | 98.2139 | 22 | .169 | 62 | 1099 | 55358000 |
| RESOLVERS | | AIR | 71.2871 | 85.0654 | 43 | .905 | 62 | 1099 | 55360000 |
| RESOLVERS | | AIR | 200 | 445.386 | 2 | .015 | 62 | 1099 | 55362000 |
| RESOLVERS | PROGRAMMER.COORDINATE-CONVERTER (STANDBY-OPERATION) | GRD | 285.714 | 1131.34 | | .0035 | 62 | 1135 | 55364000 |
| RESOLVERS | | AIR | 309.859 | 412.961 | 3 | .071 | 62 | 1099 | 55366000 |
| RESOLVERS | | GRD | * | 135.447 | 9 | .017 | 65 | 1193 | 55368000A |
| RESOLVERS 180-DEGREE | | SIM AIR | 19.4912 | 122.469 | 460 | .1258 | 65 | 1125 | 55370000A |
| RESOLVERS.PACKAGE.400-CPS | | AIR | * | 23.3292 | 533 | .0987 | 66 | 1253 | 55372000A |
| RESOLVERS.27C.2V.400CPS | INFLIGHT-BLADE-TRACK | HELI | 433.333 | 631.931 | 120 | .03 | 65 | 1215 | 55374000 |
| SYNCHRONIZER | RADAR.DC-8 | AIR | 640 | | | | 66 | 2380 | 55376000 |
| SYNCHRONIZER.RADAR | RADAR.B-720 | AIR | 1150 | | | | 66 | 2380 | 55378000 |
| TRANSFORMER | | SHP | * | | | | 61 | 211 | 55360000 |
| TRANSFORMER | | AIR | 5.6 | | | | 61 | 211 | 55382000 |
| TRANSFORMER | GENERAL | AIR | * | | | | U | 2001 | 55384000 |
| TRANSFORMERS | | AIR | * | 52.3318 | 10 | .044 | 62 | 1093 | 55386000 |
| TRANSFORMERS | | AIR | * | 191.883 | 2 | .012 | 62 | 1099 | 55388000 |
| TRANSFORMERS | | AIR | * | 164.471 | 1 | .014 | 62 | 1099 | 55390000 |
| TRANSFORMERS | | AIR | * | 1151.3 | 1 | .002 | 62 | 1099 | 55392000 |
| TRANSFORMERS | | AIR | * | 53.5438 | 2 | .043 | 62 | 1099 | 55394000 |
| TRANSFORMERS | | AIR | * | 287.825 | 1 | .008 | 62 | 1099 | 55396000 |
| TRANSFORMERS | | AIR | * | 2.18878 | 35 | 1.052 | 62 | 1099 | 55398000 |
| TRANSFORMERS | | AIR | * | 164.471 | 1 | .014 | 62 | 1099 | 55400000 |
| TRANSFORMERS | | AIR | 3.00751 | 6.01018 | 63 | 1.33 | 62 | 1099 | 55402000 |
| TRANSFORMERS | | AIR | 7.24637 | 29.1862 | 18 | .138 | 62 | 1099 | 55404000 |
| TRANSFORMERS | (STANDBY-OPERATION) | AIR | 63.8297 | 142.144 | 2 | .047 | 62 | 1099 | 55406000 |
| TRANSFORMERS.DIFFERENTIAL | | AIR | * | 16.9308 | 638 | .136 | 66 | 1253 | 55408000 |

PART CLASS 755 SYNCHROS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF APPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| TRANSMITTER | | SHP | * | | | | 61 | 2L1 | 55410000 |
| TRANSMITTER | | AIR | .649351 | 2.52577 | 8205 | 1.54 | 66 | 1253 | 55412000 |
| TRANSMITTER | GENERAL | AIR | 24 | | | | U | 2001 | 55414000 |
| TRANSMITTER | | AIR | 53 | | | | 61 | 2L1 | 55416000 |
| TRANSMITTER.DIFFERENTIAL. 136-DEGREE | | SUB | .207412 | .294419 | 1136 | 72.32 | 66 | 1261 | 55418000 |
| TRANSMITTER.DIFFERENTIAL. 180-DEGREE | | SUB | .648654 | .107013 | 840 | 62.43 | 66 | 1261 | 55420000 |
| TRANSMITTER.1154.400CPS | | SUB | .928382 | 1.56112 | 100 | 7.54 | 66 | 1261 | 55422000 |
| 26-VOLTS.400-CPS | | AIR | 58.8235 | 228.805 | | .017 | 60 | 1067 | 55424000 |
| 26-VOLTS.400-CPS | | AIR GND | 65.7674 | 155.367 | | .043 | 60 | 1067 | 55426000 |
| 26-VOLTS.400-CPS | | GRD | 125 | 486.212 | | .008 | 60 | 1067 | 55428000 |
| 26-VOLTS.400-CPS | | GRD | 230.769 | 513.907 | | .013 | 60 | 1067 | 55430000 |
| .15 CONTROL RESOLVERS | | | | | | | | | |
| | | GRD | * | 255.844 | | .009 | 59 | 2L2 | 55432000 |
| | | GRD | 10.563 | 41.0869 | | .09467 | 62 | 2L8 | 55434000 |
| | | GRD | 20 | | | | 61 | 2M5 | 55436000 |
| | | SHP | 22.4 | | | | 61 | 2L10 | 55438000 |
| | | SHP | 25.47 | | | | 62 | 2240 | 55440000 |
| | RADAR | SUB GRD AIR | 36.036 | 140.169 | 195 | .02775 | 64 | 1181 | 55442000A |
| | | AIR GND | 39.6226 | 46.8191 | | 1.59 | 58 | 2L2 | 55444000 |
| | | AIR | 41.5 | | | | 57 | 2L1 | 55446000 |
| | | AIR | 42.4 | | | | 57 | 2L1 | 55448000 |
| | | AIR | 43.3 | | | | 57 | 2L1 | 55450000 |
| | | AIR | 84.5 | | | | 61 | 2L10 | 55452000 |
| | | AIR | 91 | | | | 62 | 2240 | 55454000 |
| | | AIR GND | 2000 | 2665.47 | | .0110 | 58 | 2L2 | 55456000 |
| .20 CONTROL TRANSFORMER | | | | | | | | | |
| | | GRD | * | 215.397 | | .01069 | 64 | 1180 | 55458000 |
| | | SUB AIR | * | 274.773 | 16 | .00838 | 64 | 1151 | 55460000A |
| | | GEN | * | 26.1659 | | .068 | 62 | 1078 | 55462000 |
| | | GRD | * | 577.092 | | .00399 | 64 | 1180 | 55464000 |
| | DOPPLER-NAVIGATION-SYSTEM | SUB GRD AIR | * | 190.454 | 195 | .01209 | 64 | 1181 | 55466000A |
| | DOPPLER-NAVIGATION-SYSTEM | SUB GRD AIR | * | 287.825 | 139 | .008 | 63 | 1117 | 55468000 |
| | | SUB | .232558 | .301113 | 1838 | 116.1 | 66 | 1261 | 55470000A |
| | | AIR GND | 7.16845 | 19.0763 | | .279 | 63 | 1098 | 55472000 |
| | | AIR | 12.8534 | 19.8026 | 3723 | .778 | 66 | 1253 | 55474000A |
| | RADAR | AIR | 30 | | | .700 | 58 | 2001 | 55476000 |
| | | SUB | 34.3 | | | | 63 | 1092 | 55478000 |
| | | SUB AIR | 40.2414 | 107.088 | 49 | .0497 | 64 | 1150 | 55480000A |
| | | AIR GND | 112.676 | 183.023 | 1390 | .071 | 65 | 1221 | 55482000 |

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
SECTION I FAILURE RATE DATA

PART CLASS 155 SYNCHROS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF DATA RPT | SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .20 CONTROL TRANSFORMER | (PV=1) | GRD | 132.45 | 515.192 | 10 | .00755 | 65 | 1177 | 55484000A |

PART CLASS 796 TABS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.E.C. | | | | | | | | | |
| | SERVO.AILERON.FLIGHT-CONTROL | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 55486000 |
| | AILERON.FLIGHT-CONTROL-SYSTEM | AIR | 13.8908 | 24.3832 | 252 | .43194 | 64 | 1155 | 55490000 |
| | SERVO.AILERON.FLIGHT-CONTROL | AIR | 24.3131 | 94.5708 | 76 | .04113 | 66 | 1250 | 55490000 |
| | ELEVATOR.FLIGHT-CONTROL-SYSTEM | AIR | 32.4119 | 54.5024 | 126 | .21597 | 64 | 1155 | 55492000 |
| | BALANCE.AILERON | AIR | 2333.33 | 3131.58 | 32 | .009 | 59 | 1110 | 55494000 |
| AILERON-OB-LH | FLIGHT-CONTROLS.727 | AIR | 300P | | | | 65 | 2365 | 55496000 |
| ELEV-CONTROL-RH | FLIGHT-CONTROLS.707-331 | AIR | 310P | | | | 66 | 2364 | 55498000 |
| FLUTTER-FLIGHT-DAMPENER | FLIGHT-CONTROL.880 | AIR | 30P | | | | 65 | 2363 | 55500000 |
| FLUTTER-FLIGHT-DAMPENER | FLIGHT-CONTROL.880 | AIR | 30P | | | | 66 | 2363 | 55502000 |
| IB-AILERON-RH | FLIGHT-CONTROLS.707.131 | AIR | 260P | | | | 65 | 2361 | 55504000 |
| IB-AILERON-RH | FLIGHT-CONTROLS.707.3315 | AIR | 240P | | | | 65 | 2361 | 55506000 |
| INBOARD-AILERON-RH | FLIGHT-CONTROLS.707-1318 | AIR | 130P | | | | 66 | 2364 | 55508000 |
| INBOARD-AILERON-RH | FLIGHT-CONTROLS.707-1318 | AIR | 140P | | | | 65 | 2364 | 55510000 |
| INBOARD-AILERON-RH | FLIGHT-CONTROLS.707-131 | AIR | 270P | | | | 65 | 2364 | 55512000 |
| LOWER-RUDDER | FLIGHT-CONTROLS.727 | AIR | 190P | | | | 66 | 2360 | 55514000 |
| LOWER-RUDDER | FLIGHT-CONTROLS.727 | AIR | 210P | | | | 66 | 2365 | 55516000 |
| ROD-IB-AILERON | FLIGHT-CONTROLS.727 | AIR | 90P | | | | 66 | 2360 | 55518000 |
| STABILIZER-ACTD-ELEV-LH | FLIGHT-CONTROLS.707-331 | AIR | 340P | | | | 65 | 2362 | 55520000 |
| STABILIZER-ACTD-ELEV-LH | FLIGHT-CONTROLS.707-331 | AIR | 340P | | | | 66 | 2364 | 55522000 |
| STABILIZER-ACTD-ELEV-LH | FLIGHT-CONTROLS.707-3318 | AIR | 420P | | | | 65 | 2364 | 55524000 |
| STABILIZER-ACTD-ELEV-LH | FLIGHT-CONTROLS.707-331 | AIR | 620P | | | | 66 | 2362 | 55526000 |
| STABILIZER-ACTD-ELEV-RH | FLIGHT-CONTROLS.707-3318 | AIR | 280P | | | | 66 | 2362 | 55528000 |
| STABILIZER-ACTD-ELEV-RH | FLIGHT-CONTROLS.707-331 | AIR | 310P | | | | 66 | 2362 | 55530000 |
| STABILIZER-ACTD-ELEV-RH | FLIGHT-CONTROLS.707-331 | AIR | 340P | | | | 65 | 2362 | 55532000 |
| STABILIZER-ACTD-ELEV-RH | FLIGHT-CONTROLS.707-331 | AIR | 340P | | | | 66 | 2362 | 55534000 |
| STABILIZER-ACTD-ELEV-RH | FLIGHT-CONTROLS.707-331 | AIR | 340P | | | | 66 | 2364 | 55536000 |
| TRIM | R/H.ELEVATOR-ASSEMBLY | AIR | * | 27.1597 | 50 | .08478 | 63 | 1198 | 55538000 |
| TRIM | RUDDER-ASSEMBLY | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 55540000 |
| TRIM | RUDDER-ASSEMBLY | AIR | * | 27.1597 | 50 | .08478 | 63 | 1198 | 55542000 |
| TRIM | AILERON-ASSEMBLY | AIR | 5.60181 | 22.1005 | 204 | .176 | 63 | 1114 | 55544000 |
| TRIM | RUDDER-ASSEMBLY | AIR | 7.8796 | 30.6492 | 50 | .12691 | 65 | 1198 | 55546000 |
| TRIM | RUDDER-ASSEMBLY | AIR | 11.3636 | 44.2011 | 102 | .088 | 63 | 1114 | 55548000 |
| TRIM | AILERON-ASSEMBLY | AIR | 12.8899 | 28.7049 | 200 | .23274 | 65 | 1198 | 55550000 |
| TRIM | AILERON-ASSEMBLY | AIR | 19.6989 | 36.5404 | 100 | .25382 | 65 | 1198 | 55552000 |
| TRIM | L/H.ELEVATOR-ASSEMBLY | AIR | 23.5904 | 52.7777 | 50 | .08478 | 63 | 1198 | 55554000 |
| TRIM | L/H.ELEVATOR-ASSEMBLY | AIR | 26.6666 | 70.964 | 30 | .075 | 63 | 1114 | 55556000 |
| TRIM | L/H.ELEVATOR-ASSEMBLY | AIR | 34.0909 | 75.9181 | 102 | .088 | 63 | 1114 | 55558000 |
| TRIM | R/H.ELEVATOR-ASSEMBLY | AIR | 34.0909 | 75.9181 | 102 | .088 | 63 | 1114 | 55560000 |
| TRIM | AILERON-ASSEMBLY | AIR | 53.0785 | 83.7815 | 100 | .16956 | 63 | 1198 | 55562000 |
| TRIM | AILERON-ASSEMBLY | AIR | 53.6912 | 87.2127 | 100 | .149 | 63 | 1114 | 55564000 |
| TRIM | R/H.ELEVATOR-ASSEMBLY | AIR | 78.7959 | 121.398 | 50 | .12691 | 65 | 1198 | 55566000 |
| TRIM | L/H.ELEVATOR-ASSEMBLY | AIR | 78.7959 | 121.398 | 50 | .12691 | 65 | 1198 | 55568000 |
| TRIM | ELEVATOR-ASSEMBLY | AIR | 94.526 | 125.978 | 200 | .23274 | 65 | 1198 | 55570000 |

PART CLASS 805 TANKS/TANK PARTS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 %.C.C. | | | | | | | | | |
| BLADDER | TANK.AUXILIARY.FUEL-SYSTEM | AIR | 3.93985 | 8.77378 | 300 | .76145 | 65 | 1198 | 55572000 |
| BLADDER | TANK.AUXILIARY.FUEL-SYSTEM | AIR | 25.7794 | 35.4557 | 600 | .69623 | 65 | 1198 | 55574000 |
| BOTTLE-AUXILIARY-POWER- | FIRE-PROTECTION.727 | AIR | 300P | | | | 66 | 2345 | 55576000 |
| BOTTLE-ENG-FIREX | FIRE-PROTECTION.727 | AIR | 110P | | | | 66 | 2345 | 55578000 |
| BOTTLE-ENG-FIREX | FIRE-PROTECTION.727 | AIR | 600P | | | | 66 | 2345 | 55580000 |
| BOTTLES | TAKEOFF-ASSIST-SYSTEM | AIR | * | 2.2679 | 400 | 1.0153 | 65 | 1198 | 55582000 |
| BOTTLES | TAKEOFF-ASSIST-SYSTEM | AIR | * | 3.39501 | 400 | .67823 | 63 | 1198 | 55584000 |
| BOTTLES | EMERGENCY-DUMP.LANDING-GEAR.MAIN | AIR | 181.818 | 319.154 | 128 | .033 | 66 | 1225 | 55586000 |
| BOTTLES.AIR | VALVE.LANDING-GEAR.EMERGENCY | AIR | * | 7.68506 | | .29962 | 66 | 1241 | 55588000 |
| BOTTLES.AIR | LANDING-GEAR.EMERGENCY | AIR | * | 9.99565 | | .23036 | 66 | 1241 | 55590000 |
| BOTTLES.LIQUID-NITROGEN | DETECTOR.INFRARED-RECEIVER | AIR | 131.47 | 213.552 | | .06085 | 66 | 1241 | 55592000A |
| CELLS-ASSEMBLY.FUEL. OUTBOARD | | AIR | 263.695 | 284.9 | | 1.077 | 63 | 2111 | 55594000 |
| CELLS-ASSEMBLY.FUEL.AFT | | AIR | 178.438 | 204.119 | | .538 | 63 | 2111 | 55596000 |
| CELLS-ASSEMBLY.FUEL.FORWARD | | AIR | 219.33 | 247.539 | | .538 | 63 | 2111 | 55598000 |
| CELLS-ASSEMBLY.FUEL.INBOARD | | AIR | 285.979 | 308.013 | | 1.077 | 63 | 2111 | 55600000 |
| ENGINE-OIL-QUANTITY-UNIT | OIL.707-1318 | AIR | 370P | | | | 65 | 2361 | 55602000 |
| ENGINE-OIL-QUANTITY-UNIT | OIL.707-1318 | AIR | 400P | | | | 66 | 2361 | 55604000 |
| ENGINE-OIL-QUANTITY-UNIT | OIL.707-1318 | AIR | 480P | | | | 66 | 2361 | 55606000 |
| FLASKS.BOTTLE.WATER | | AIR | * | 32.1502 | 186 | .07162 | 63 | 1111 | 55608000 |
| HYDRAULIC-QUANTITY | HYDRAULIC-POWER.707.131 | AIR | 220P | | | | 66 | 2361 | 55610000 |
| HYDRAULIC-QUANTITY | HYDRAULIC-POWER.707.1318 | AIR | 240P | | | | 66 | 2361 | 55612000 |
| HYDRAULIC-QUANTITY | HYDRAULIC-POWER.707.1318 | AIR | 270P | | | | 65 | 2361 | 55614000 |
| HYDRAULIC-QUANTITY | HYDRAULIC-POWER.707.131 | AIR | 520P | | | | 65 | 2361 | 55616000 |
| PLENUMS | GAS-TURBINE-COMPRESSOR.AUXILIARY-POWER-PLANT | AIR | * | 9.89344 | 200 | .23274 | 65 | 1198 | 55618000 |
| PLENUMS | TURBINE.AUX-POWER-UNIT | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 55620000 |
| PLENUMS | TURBINE.AUXILIARY-POWER-UNIT | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 55622000A |
| PLENUMS | GAS-TURBINE-COMPRESSOR.AUXILIARY-POWER-PLANT | AIR | 13.3333 | 51.8626 | 50 | .075 | 63 | 1114 | 55624000 |
| PLENUMS | GAS-TURBINE-COMPRESSOR.AUXILIARY-POWER-PLANT | AIR | 22.7272 | 60.4606 | 102 | .088 | 63 | 1114 | 55626000 |
| PLENUMS | GAS-TURBINE-COMPRESSOR.AUXILIARY-POWER-PLANT | AIR | 23.6387 | 52.642 | 50 | .12691 | 65 | 1198 | 55628000 |
| PLENUMS | GAS-TURBINE-COMPRESSOR.AUXILIARY-POWER-PLANT | AIR | 47.1809 | 94.2857 | 50 | .08478 | 63 | 1198 | 55630000 |
| PLENUMS.INTAKE | AUXILIARY-POWER-UNIT | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 55632000A |
| PLENUMS.INTAKE | AUX-POWER-UNIT | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 55634000 |
| RESERVOIR.HYDRAULIC-UTILITY | HYDRAULIC-POWER.331C/373C | AIR | 500P | | | | 66 | 2360 | 55636000 |
| RESERVOIR-AUXILIARY-POWER-UNIT-OIL | AIRBORNE-AUXILIARY-POWER.727 | AIR | 220P | | | | 66 | 2363 | 55638000 |
| RESERVOIR-HYDRAULIC-CARGO-DR | HYDRAULIC-POWER.331C/373C | AIR | 510P | | | | 66 | 2363 | 55640000 |
| RESERVOIRS | RAIN-REPELLANT-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 55642000A |
| RESERVOIRS | HYDRAULIC/PNEUMATIC-SYS.BAT | AIR | * | 46.3486 | | .04969 | 63 | 1198 | 55644000 |

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.  NONELECTRONIC PART FAILURE RATE DATA

SECTION I . FAILURE RATE DATA

PART CLASS 005 TANKS/TANK PARTS

| PART DESCRIPTION .00 N.E.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF DATA RPT | DATA SOURCE | CODES NUMBER DEF. REF. |
|---|---|---|---|---|---|---|---|---|---|
| RESERVOIRS | OIL-SYSTEM.GTC.AUX-POWER-PLANT | AIR | * | 18.1439 | 50 | .12691 | 65 | 1198 | [illegible] |
| RESERVOIRS | RAIN-REPELLANT-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | [illegible] |
| RESERVOIRS | EXTENSION.EMERGENCY. NOSE-LANDING-GEAR (STORAGE) | AIR | * | 55.9834 | 76 | .04113 | 64 | 1298 | [illegible] |
| RESERVOIRS | | NSL | .0001 | | | | 65 | 2446 | [illegible] |
| RESERVOIRS | | LAB | 1.3 | | | | 63 | 1230 | [illegible] |
| RESERVOIRS | OIL-SYSTEM.GTC.AUX-POWER-PLANT | AIR | 23.5904 | 62.7777 | 50 | .08478 | 63 | 1198 | [illegible] |
| RESERVOIRS | OIL-SYSTEM.GTC.AUX-POWER-PLANT | AIR | 26.6666 | 70.964 | 50 | .075 | 63 | 1314 | [illegible] |
| RESERVOIRS | | AIR | 48.3 | | | | 57 | 2L1 | [illegible] |
| RESERVOIRS | CONSTANT-SPEED-DRIVE.POWER-PLANT | AIR | 50.933 | 76.8539 | 126 | .21897 | 65 | 1195 | [illegible] |
| RESERVOIRS | OIL-SYSTEM.GTC.AUX-POWER-PLANT | AIR | 51.5596 | 90.5852 | 180 | .11637 | 65 | 1198 | [illegible] |
| RESERVOIRS | OIL-SYSTEM.TURBOJET.J-85 | AIR | 56.8828 | 82.9524 | 946 | .22054 | 65 | 1228 | [illegible] |
| RESERVOIRS | OIL-SYSTEM.TURBOJET.J-85 | AIR | 58.9843 | 103.367 | 812 | .10184 | 64 | 1179 | [illegible] |
| RESERVOIRS | EXTENSION.EMERGENCY.MLG | AIR | 121.359 | 270.258 | 48 | .02472 | 65 | 1227 | [illegible] |
| RESERVOIRS | FORWARD-CARGO-DOOR.HYDR-PWR-SPLY | AIR | 200 | 445.384 | 68 | .015 | 63 | 1314 | [illegible] |
| RESERVOIRS | MAIN.HYDRAULIC-SYSTEM | AIR | 222.263 | 292.494 | 63 | .10798 | 65 | 1195 | [illegible] |
| RESERVOIRS | FORWARD-CARGO-DOOR.HYDR-PWR-SPLY | AIR | 343.634 | 442.713 | 102 | .098 | 63 | 1314 | [illegible] |
| RESERVOIRS | HYDRAULIC-SYSTEM | AIR | 1235.69 | 1057.9 | 64 | .017 | 64 | 1225 | [illegible] |
| RESERVOIRS | | GRD | 2112.67 | 4704.78 | 23 | .00142 | 63 | 1125 | [illegible] |
| RESERVOIRS. CONSTANT-SPEED-DRIVE | | AIR | 101.851 | 135.741 | | .214 | 63 | 2109 | [illegible] |
| RESERVOIRS.ASSEMBLY. HYDRAULIC | | AIR | 444.444 | 538.495 | | .108 | 63 | 2107 | [illegible] |
| RESERVOIRS.AUXILIARY | HYDRAULIC-POWER-SUPPLY | AIR | * | 19.7668 | 100 | .11637 | 65 | 1198 | [illegible] |
| RESERVOIRS.AUXILIARY | HYDRAULIC-POWER-SUPPLY | AIR | 15.7591 | 41.9375 | 50 | .12691 | 65 | 1198 | [illegible] |
| RESERVOIRS.AUXILIARY | HYDRAULIC-POWER-SUPPLY | AIR | 22.7272 | 60.4804 | 182 | .068 | 63 | 1314 | [illegible] |
| RESERVOIRS.AUXILIARY | HYDRAULIC-POWER-SUPPLY | AIR | 23.5904 | 62.7777 | 50 | .08478 | 63 | 1198 | [illegible] |
| RESERVOIRS.BOOST | HYDRAULIC-POWER-SUPPLY | AIR | 26.6666 | 70.964 | 50 | .075 | 63 | 1314 | [illegible] |
| RESERVOIRS.BOOST | HYDRAULIC-POWER-SUPPLY | AIR | * | 19.7668 | 100 | .11637 | 65 | 1198 | [illegible] |
| RESERVOIRS.BOOST | HYDRAULIC-POWER-SUPPLY | AIR | * | 13.1435 | 50 | .12691 | 65 | 1198 | [illegible] |
| RESERVOIRS.BOOST | HYDRAULIC-POWER-SUPPLY | AIR | 141.842 | 209.737 | 50 | .08478 | 63 | 1198 | [illegible] |
| RESERVOIRS.FLUID | BRAKE-SYSTEM.LANDING-GEAR | AIR | 160 | 237.087 | 50 | .075 | 63 | 1314 | [illegible] |
| RESERVOIRS.FLUID | BRAKE-SYSTEM.LANDING-GEAR | AIR | 26.2536 | 58.465 | 473 | .11027 | 63 | 1228 | [illegible] |
| RESERVOIRS.FLUID | BRAKE-SYSTEM | AIR | 34.7564 | 67.8022 | 597 | .51789 | 67 | 1273 | [illegible] |
| RESERVOIRS.HYDRAULIC | PROPELLER-ASSEMBLY | AIR | 68.3682 | 120.61 | 406 | .08776 | 64 | 1179 | [illegible] |
| RESERVOIRS.HYDRAULIC | | AIR | * | 4.94672 | 400 | .46548 | 65 | 1198 | [illegible] |
| RESERVOIRS.HYDRAULIC | NO-2-HYD-SYSTEM | AIR | * | 40.3964 | | .057 | 61 | 1004 | [illegible] |
| RESERVOIRS.HYDRAULIC | NO-1-HYD-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | [illegible] |
| RESERVOIRS.HYDRAULIC | PROPELLER-ASSEMBLY | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | [illegible] |
| RESERVOIRS.HYDRAULIC | NO-1-HYDRAULIC-SYSTEM | AIR | * | 4.93598 | 200 | .09743 | 65 | 1198 | [illegible] |
| RESERVOIRS.HYDRAULIC | NO-2-HYDRAULIC-SYSTEM | AIR | C | 55.9834 | 76 | .04113 | 66 | 1250 | [illegible] |
| RESERVOIRS.HYDRAULIC | PROPELLER | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | [illegible] |
| RESERVOIRS.HYDRAULIC | | AIR | 3.66572 | 15.0775 | 408 | .353 | 63 | 1114 | [illegible] |
| RESERVOIRS.HYDRAULIC | | AIR | 3.12496 | 13.4421 | | .480 | 61 | 1003 | [illegible] |
| RESERVOIRS.HYDRAULIC | POWER-CONTROL | AIR | 11.6863 | 31.0891 | | .17184 | 63 | 1125 | [illegible] |

PART CLASS 805 TANKS/TANK PARTS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | GROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| RESERVOIRS.HYDRAULIC | | AIR | 23.8095 | 92.6119 | | .042 | 61 | 1082 | 55730000 |
| RESERVOIRS.HYDRAULIC | PROPELLER-ASSEMBLY | AIR | 26.5392 | 41.8907 | 200 | .33912 | 63 | 1198 | 55732000 |
| RESERVOIRS.HYDRAULIC | PROPELLER | AIR | 26.7558 | 43.4605 | 200 | .299 | 63 | 1114 | 55734000 |
| RESERVOIRS.HYDRAULIC | PRESSURE-SUPPLY-SYSTEM | AIR | 27.9251 | 74.313 | 186 | .07162 | 63 | 1111 | 55736000 |
| RESERVOIRS.HYDRAULIC | NO-3-HYDRAULIC-SYSTEM | AIR | 48.6263 | 129.401 | 76 | .04113 | 66 | 1250 | 55738000 |
| RESERVOIRS.HYDRAULIC | NO-3-HYD-SYSTEM | AIR | 80.9061 | 285.303 | 48 | .02472 | 65 | 1227 | 55740000 |
| RESERVOIRS.HYDRAULIC | SHELTER-SKID-SYSTEM | AIR | 129.629 | 217.979 | | .054 | 62 | 1141 | 55742000 |
| RESERVOIRS.HYDRAULIC | | AIR | 252.631 | 332.458 | | .095 | 63 | 2121 | 55744000 |
| RESERVOIRS.HYDRAULIC | PRESSURE | AIR | 444.444 | 888.172 | 32 | .009 | 59 | 1110 | 55746000 |
| RESERVOIRS.HYDRAULIC | POWER-CONTROL | AIR | 481.954 | 555.632 | | .17844 | 66 | 1241 | 55748.00 |
| RESERVOIRS.HYDRAULIC | BOOST-CONTROL | HELI | 789.265 | 1215.99 | 40 | .01267 | 66 | 1247 | 55750000 |
| RESERVOIRS.HYDRAULIC | | AIR | 1114.28 | 1294.05 | 640 | .07 | 61 | 1080 | 55752000A |
| RESERVOIRS.HYDRAULIC | BOOST-CONTROL | HELI | 1589.59 | 1901.12 | 40 | .0346 | 66 | 1257 | 55754000 |
| RESERVOIRS.HYDRAULIC UTILITY | | AIR | 500.277 | 574.872 | | .1799 | 66 | 1241 | 55756000 |
| RESERVOIRS.HYDRAULIC.B-28 | | GRD | * | 5.05488 | 26 | .45552 | 64 | 1191 | 55758000 |
| RESERVOIRS.HYDRAULIC.BRAKE | | AIR | 87.7192 | 162.714 | 520 | .057 | 61 | 1080 | 55760000A |
| RESERVOIRS.HYDRAULIC-POWER | CONTROL-SYSTEM | GRD | 5652.17 | 8242.58 | | .0023 | 62 | 1135 | 55762000 |
| RESERVOIRS.SIGHT-GAGE | TRANSMITTER.ALT-6B | AIR | * | 192.847 | 31 | .01194 | 62 | 1111 | 55764000 |
| RESERVOIRS.SIGHT-GAGE | HYDRAULIC-POWER-SUPPLY | AIR | 18.8679 | 34.9988 | 306 | .265 | 63 | 1114 | 55766000 |
| RESERVOIRS.SIGHT-GAGE | HYDRAULIC-POWER-SUPPLY | AIR | 22.2222 | 41.2208 | 150 | .225 | 63 | 1114 | 55768000 |
| RESERVOIRS.SIGHT-GAGE | HYDRAULIC-POWER-SUPPLY | AIR | 43.4782 | 115.702 | 204 | .046 | 63 | 1114 | 55770000 |
| RESERVOIRS.UTILITY | HYDRAULIC-POWER-SUPPLY | AIR | 25.7798 | 57.4099 | 100 | .11637 | 65 | 1198 | 55772000 |
| RESERVOIRS.UTILITY | HYDRAULIC-POWER-SUPPLY | AIR | 34.0909 | 75.9181 | 102 | .088 | 63 | 1114 | 55774000 |
| RESERVOIRS.UTILITY | HYDRAULIC-SYSTEM | AIR | 40.2495 | 107.11 | | .04969 | 63 | 1123 | 55776000 |
| RESERVOIRS.UTILITY | HYDRAULIC-POWER-SUPPLY | AIR | 47.2775 | 82.9887 | 50 | .12691 | 65 | 1198 | 55778000 |
| RESERVOIRS.UTILITY | HYDRAULIC-POWER-SUPPLY | AIR | 129.747 | 199.779 | 50 | .08478 | 63 | 1198 | 55780000 |
| RESERVOIRS.UTILITY | HYDRAULIC-POWER-SUPPLY | AIR | 146.668 | 221.308 | 50 | .075 | 63 | 1114 | 55782000 |
| SPHERES | FIRE-EXTINGUISHER-SYSTEM | AIR | 258.064 | 419.183 | 136 | .031 | 63 | 1114 | 55784000 |
| SPHERES | FIRE-EXTINGUISHER-SYSTEM | AIR | 386.363 | 453.618 | 204 | .176 | 63 | 1114 | 55786000 |
| SPHERES | FIRE-EXTINGUISHER-SYSTEM | AIR | 393.979 | 449.43 | 100 | .25382 | 65 | 1138 | 55788000 |
| SPHERES | FIRE-EXTINGUISHER-SYSTEM | AIR | 461.165 | 549.749 | 240 | .1234 | 65 | 1227 | 55790000 |
| SPHERES | FIRE-EXTINGUISHER-SYSTEM | AIR | 489.816 | 554.006 | 200 | .23274 | 65 | 1198 | 55792000 |
| SPHERES | FIRE-EXTINGUISHER-SYSTEM | AIR | 557.324 | 612.954 | 200 | .53912 | 63 | 1198 | 55794000 |
| SPHERES | FIRE-EXTINGUISHER-SYSTEM | AIR | 568.927 | 642.438 | 380 | .20565 | 66 | 1250 | 55796000 |
| SPHERES | FIRE-EXTINGUISHER-SYSTEM | AIR | 612.04 | 674.193 | 200 | .299 | 63 | 1114 | 55798000 |
| SPHERES.2200-CUBIC-INCH | COLD-GAS-SUPPLY | MSL | * | 1070.97 | | .00215 | 62 | 1134 | 55800000 |
| SPHERES-CLAMP | | AIR | 7.35672 | 28.6154 | | .13593 | 65 | 2L2 | 55802000 |
| SUMPS | OIL-TANK.ENGINE | AIR | * | 4.94672 | 400 | .46548 | 65 | 1198 | 55804000 |
| SUMPS | BEARING.NO-6.ENGINE/ CONSTANT SPEED DRIVE-OIL-SYSTEM | AIR | * | 23.2868 | 192 | .09888 | 65 | 1227 | 55806000 |
| SUMPS | OIL-TANK.ENGINE | AIR | 5.66372 | 15.0773 | 408 | .353 | 63 | 1114 | 55808000 |
| SUMPS | OIL-TANK.ENGINE | AIR | 9.84969 | 18.2705 | 200 | .50761 | 65 | 1198 | 55810000 |
| SUMPS | OIL-TANK.ENGINE | AIR | 20.0668 | 35.2244 | 200 | .299 | 63 | 1114 | 55812000 |
| SUMPS | OIL-TANK.ENGINE | AIR | 20.6416 | 34.7101 | 200 | .33912 | 65 | 1198 | 55814000 |

PART CLASS 325 TANKS/TANK PARTS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.E.C. | | | | | | | | | |
| SUMPS.BEARING | NB-6.ENGINE/CONSTANT-SPEED-DRIVE-OIL-SYSTEM | AIR | * | 13.4975 | 384 | .1645 | 66 | 1250 | 55816000 |
| SUMPS.OIL.DRAIN | AIR-BRN.(B-MILES) | GRD | 16.2074M | 63.0421M | 15 | .0617M | 66 | 1255 | 55818000 |
| TANK | | MSL | * | | | | 58 | 2L2 | 55820000 |
| TANK.CELL | | MSL | * | 460.52 | | .005 | 57 | 2L2 | 55822000 |
| TANK.CELL | | AIR SMP 660 | 10 | | | | 58 | 2L2 | 55824000 |
| TANK.ENGINE-HRD-FIRE-EXTINGUISHER | FIRE-PROTECTION.000 | AIR | 440P | | | | 65 | 2360 | 55826000 |
| TANK.ENGINE-HRD-FIRE-EXTINGUISHER | FIRE-PROTECTION.000 | AIR | 110P | | | | 66 | 2360 | 55828000 |
| TANK.ENGINE-OIL | OIL.000 | AIR | 40P | | | | 66 | 2360 | 55830000 |
| TANK.ENGINE-OIL | OIL.000 | AIR | 40P | | | | 66 | 2365 | 55832000 |
| TANK.ENGINE-OIL | OIL.000 | AIR | 80P | | | | 65 | 2365 | 55834000 |
| TANK.ENGINE-OIL | OIL.000 | AIR | 40P | | | | 66 | 2360 | 55836000 |
| TANK.ENGINE-OIL | OIL.000 | AIR | 140P | | | | 65 | 2363 | 55838000 |
| TANK.ENGINE-OIL | OIL.000 | AIR | 200P | | | | 65 | 2360 | 55840000 |
| TANK.FUEL | WING | AIR | 21.3556 | 28.276 | | 1.077 | 63 | 211! | 55842000 |
| TANK.HRD-FIRE-EXTINGUISHER | FIRE-PROTECTION.707-1318 | AIR | 40P | | | | 65 | 2362 | 55844000 |
| TANK.HRD-FIRE-EXTINGUISHER | FIRE-PROTECTION.707-131 | AIR | 60P | | | | 66 | 2362 | 55846000 |
| TANK.HRD-FIRE-EXTINGUISHER | FIRE-PROTECTION.707-331 | AIR | 80P | | | | 66 | 2362 | 55848000 |
| TANK.HRD-FIRE-EXTINGUISHER | FIRE-PROTECTION.707-331 | AIR | 90P | | | | 65 | 2362 | 55850000 |
| TANK.HRD-FIRE-EXTINGUISHER | FIRE-PROTECTION.707-131 | AIR | 170P | | | | 66 | 2362 | 55852000 |
| TANK.HRD-FIRE-EXTINGUISHER | FIRE-PROTECTION.707-1318 | AIR | 180P | | | | 66 | 2362 | 55854000 |
| TANK.HRD-FIRE-EXTINGUISHER | FIRE-PROTECTION.707-3318 | AIR | 240P | | | | 66 | 2362 | 55856000 |
| TANK.HRD-FIRE-EXTINGUISHER | FIRE-PROTECTION.707-1318 | AIR | 270P | | | | 66 | 2362 | 55858000 |
| TANK.HRD-FIRE-EXTINGUISHER | FIRE-PROTECTION.707-331 | AIR | 430P | | | | 66 | 2362 | 55860000 |
| TANK.INTEGRAL | | AIR GND | 16.3 | | | | 61 | 2L2 | 55862000 |
| TANK.INTEGRAL.FUEL | | AIR | 1635 | | | | 57 | 2L1 | 55864000 |
| TANK.PASSENGER-WATER | WATER/WASTE.707-131 | AIR | 110P | | | | 66 | 2362 | 55866000 |
| TANK.PASSENGER-WATER | WATER/WASTE.707-331 | AIR | 310P | | | | 66 | 2362 | 55868000 |
| TANK.PASSENGER-WATER | WATER/WASTE.707-331 | AIR | 510P | | | | 66 | 2362 | 55870000 |
| TANK.PASSENGER-WATER | WATER/WASTE.707-331 | AIR | 510P | | | | 65 | 2362 | 55872000 |
| TANK.SMALL-HIGH-PRESSURE | | AIR | 75.8 | | | | 57 | 2L1 | 55874000 |
| TANK.SMALL-LO-PRESSURE | | | 179 | | | | 57 | 2L1 | 55876000 |
| TANK.UNIT-WATER-QUANTITY | WATER/WASTE.727 | AIR | 190P | | | | 66 | 2360 | 55878000 |
| TANK.WASTE-WATER | WATER/WASTE.707-131 | AIR | 150P | | | | 65 | 2362 | 55880000 |
| TANK-ENG-HRD-FIREX | FIRE-PROTECTION.000 | AIR | 160P | | | | 65 | 2365 | 55882000 |
| TANK-ENGINE-HRD-FIRE-EXTINGUISHER | FIRE-PROTECTION.000 | AIR | 130P | | | | 66 | 2363 | 55884000 |
| TANK-ENGINE-HRD-FIRE-EXTINGUISHER | FIRE-PROTECTION.000 | AIR | 190P | | | | 66 | 2363 | 55886000 |
| TANK-ENGINE-HRD-FIRE-EXTINGUISHER | FIRE-PROTECTION.000 | AIR | 230P | | | | 65 | 2363 | 55888000 |
| TANK-HARD-FIRE-EXTINGUISHER | FIRE-PROTECTION.331C/373C | AIR | 380P | | | | 65 | 2365 | 55890000 |
| TANK-HARD-FIRE-EXTINGUISHER UNIT-FIREX | FIRE-PROTECTION.331C/373C | AIR | 630P | | | | 66 | 2365 | 55892000 |

PART CLASS 805 TANKS/TANK PARTS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| TANK-HOT-WATER | WATER/WASTE.707-331B | AIR | 80P | | | | 66 | 2364 | 55896000 |
| TANK-HRD-FIRE-EXTINGUISHER | FIRE-PROTECTION.331C/373C | AIR | 133P | | | | 66 | 2363 | 55898000 |
| TANK-HRD-FIRE-EXTINGUISHER | FIRE-PROTECTION.331C/373C | AIR | 140P | | | | 65 | 2363 | 55898000 |
| TANK-HRD-FIRE-EXTINGUISHER | FIRE-PROTECTION.331C/373C | AIR | 250P | | | | 66 | 2363 | 55900000 |
| TANK-PASSENGER-WATER | WATER/WASTE.707-131 | AIR | 110P | | | | 66 | 2364 | 55902000 |
| TANK-PASSENGER-WATER | WATER/WASTE.707-331 | AIR | 160P | | | | 66 | 2364 | 55904000 |
| TANKS | | LAB | .15 | | | | 63 | 1138 | 55906000 |
| TANKS | WATER-SYSTEM | AIR | 40.493 | 157.35 | 48 | .02472 | 65 | 1227 | 55908000 |
| TANKS | HYDRAULIC-POWER-SUPPLY | AIR | 48.1316 | 72.6268 | 944 | .22854 | 65 | 1228 | 55910000 |
| TANKS | HYDRAULIC-POWER-SUPPLY | AIR | 51.3347 | 81.0209 | 812 | .17532 | 64 | 1179 | 55912000 |
| TANKS | WATER-INJECTION-SYSTEM | AIR | 93.752 | 325.77 | 31 | .04194 | 63 | 1111 | 55914000 |
| TANKS | HYDRAULIC-POWER-SUPPLY | AIR | 84.0011 | 96.7816 | 1194 | 1.0357 | 67 | 1272 | 55916000 |
| TANKS.BLADDER | AUXILIARY.FUEL-SYSTEM | AIR | 3.79071 | 10.061 | 612 | .529 | 63 | 1114 | 55918000 |
| TANKS.BLADDER | AUXILIARY.FUEL-SYSTEM | AIR | 134.228 | 181.51 | 100 | .149 | 63 | 1114 | 55920000 |
| TANKS.BLADDER.TORODIAL | | LAB | * | 7675.33C | 9 | .0003C | 62 | 1085 | 55922000 |
| TANKS.BOTTLE | BOMBING.NAVIG-SYSTEM | AIR | 291.666 | 490.454 | 62 | .024 | 63 | 1111 | 55924000 |
| TANKS.BOTTLE. | TURRET-PNEUMATIC-SYSTEM | AIR | 416.666 | 772.891 | 31 | .012 | 63 | 1111 | 55926000 |
| TANKS.BOTTLE.AIR | | AIR | 228.571 | 471.277 | | .035 | 61 | 1082 | 55926000 |
| TANKS.BOTTLE.AIR.375-CU-IN. 3000PSI | | AIR | * | 26.9235 | | .07961 | 63 | 1123 | 55930000 |
| TANKS.BOTTLE.COOLANT | | AIR | 422.764 | 550.185 | | .0615 | 66 | 1263 | 55932000A |
| TANKS.BOTTLE.HELIUM. AIRBORNE-SUPPLY.3360PSIG | | GRD | * | 2172.26 | 12 | .00106 | 65 | 1171 | 55934000 |
| TANKS.BOTTLE.H202.INTERNAL-EXPULSION-BLADDER | | GRD | * | 5756.5C | | .00046 | 64 | 1171 | 55936000 |
| TANKS.BOTTLE.OXYGEN. PORTABLE-SYSTEM | | AIR | 18.6706 | 32.7735 | 624 | .32138 | 65 | 1227 | 55938000 |
| TANKS.BOTTLE.OXYGEN. PORTABLE-SYSTEM | | AIR | 32.298 | 89.8435 | 272 | .062 | 63 | 1114 | 55940000 |
| TANKS.BOTTLE.OXYGEN. PORTABLE-SYSTEM | | AIR | 49.0964 | 71.5394 | 306 | .[illegible]5 | 63 | 1114 | 55942000 |
| TANKS.BOTTLE.OXYGEN. PORTABLE-SYSTEM | | AIR | 70.8945 | 89.486 | 400 | .46944 | 65 | 1198 | 55944000 |
| TANKS.BOTTLE.OXYGEN. PORTABLE-SYSTEM | | AIR | 73.5448 | 94.7676 | 150 | .30072 | 67 | 1198 | 55946000 |
| TANKS.BOTTLE.OXYGEN. PORTABLE-SYSTEM | | AIR | 158.967 | 183.426 | 988 | .5347 | 66 | 1250 | 55948000A |
| TANKS.BOTTLE.OXYGEN. PORTABLE-SYSTEM | | AIR | 298.812 | 347.715 | 150 | .25434 | 63 | 1198 | 55950000 |
| TANKS.BOTTLE.OXYGEN. PORTABLE-SYSTEM | | AIR | 320 | 373.962 | 150 | .225 | 63 | 1114 | 55952000 |
| TANKS.BOTTLE.PORTABLE | MA-1 | AIR | 111.111 | 180.481 | 186 | .072 | 63 | 1111 | 55954000 |
| TANKS.BOTTLE.PRESSURE | TURBINE-DRIVEN-POWER-UNIT | GRD | 504.329 | 1011.84 | | .0079 | 62 | 1135 | 55956000 |
| TANKS.BOTTLE-AND-CONTROLS. OXYGEN | | AIR | 76.6871 | 100.341 | | .326 | 61 | 1083 | 55958000 |

PART CLASS 905 TANKS/TANK PARTS

| PART DESCRIPTION .00 N.O.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| TANKS.BOTTLE-AND-CONTROLS. OXYGEN | | AIR | 95.238 | 190.322 | | .042 | 61 | 1082 | 55960000 |
| TANKS.CELL | ENGINE-FUEL-SYSTEM | AIR | 920 | 1218.13 | 96 | .025 | 66 | 1223 | 55962000 |
| TANKS.CELL.FUEL | | HELI | 11.554 | 30.7469 | 200 | .1731 | 66 | 1257 | 55964000 |
| TANKS.CELL.FUEL | | HELI | 31.5955 | 84.0805 | 200 | .0633 | 66 | 1257 | 55966000 |
| TANKS.CELL.FUEL | (M-MILES) | GRD | 129.659M | 219.611M | 15 | .0617M | 66 | 1255 | 55962000 |
| TANKS.CELL.FUEL INVERTED-FLIGHT | | AIR | 1.93104 | 5.13884 | 1194 | 1.0357 | 67 | 1272 | 55970000 |
| TANKS.CELL.FUEL. AFT-FUSELAGE | | AIR | 181.505 | 207.951 | 597 | .51789 | 67 | 1272 | 55972000 |
| TANKS.CELL.FUEL. CENTER-FUSELAGE | | AIR | 61.7891 | 78.2844 | 597 | .51789 | 67 | 1272 | 55974000 |
| TANKS.CELL.FUEL. FORWARD-DORSAL | | AIR | 15.4472 | 25.0916 | 597 | .51789 | 67 | 1272 | 55976000 |
| TANKS.CELL.FUEL. FORWARD-FUSELAGE | | AIR | 131.302 | 154.157 | 597 | .51789 | 67 | 1272 | 55978000 |
| TANKS.CELL.FUEL.AFT-FUSELAGE | | AIR | 125.484 | 189.346 | 406 | .08764 | 64 | 1179 | 55980000 |
| TANKS.CELL.FUEL.AFT-FUSELAGE | | AIR | 236.282 | 905.935 | 473 | .11427 | 65 | 1228 | 55982000 |
| TANKS.CELL.FUEL.AFT-DORSAL | | AIR | 9.65496 | 17.9086 | 597 | .51789 | 67 | 1272 | 55984000 |
| TANKS.CELL.FUEL.AFT-DORSAL | | AIR | 11.4077 | 44.3725 | 406 | .08766 | 64 | 1179 | 55986000 |
| TANKS.CELL.FUEL.AFT-DORSAL | | AIR | 26.2536 | 58.465 | 473 | .11427 | 65 | 1228 | 55988000 |
| TANKS.CELL.FUEL.BLADDER-TYPE.FUSELAGE | | AIR | 33.8791 | 75.4464 | | .08855 | 63 | 1123 | 55990000 |
| TANKS.CELL.FUEL.CENTER-FUSELAGE | | AIR | 34.2231 | 76.2126 | 406 | .08764 | 64 | 1179 | 55992000 |
| TANKS.CELL.FUEL.CENTER-FUSELAGE | | AIR | 78.7608 | 124.389 | 473 | .11427 | 65 | 1228 | 55994000 |
| TANKS.CELL.FUEL.FORWARD-DORSAL | | AIR | 11.4077 | 44.3725 | 406 | .08766 | 64 | 1179 | 55996000 |
| TANKS.CELL.FUEL.FORWARD-DORSAL | | AIR | 17.5024 | 46.5765 | 473 | .11427 | 65 | 1228 | 55998000 |
| TANKS.CELL.FUEL.FORWARD-FUSELAGE | | AIR | 113.765 | 165.904 | 473 | .11427 | 65 | 1228 | 56000000 |
| TANKS.CELL.FUEL.FORWARD-FUSELAGE | | AIR | 134.892 | 202.844 | 406 | .08766 | 64 | 1179 | 56002000 |
| TANKS.CELL.FUEL.INVERTED-FLIGHT | | AIR | 9 | 13.1334 | 812 | .17532 | 64 | 1179 | 56004000 |
| TANKS.CELL.FUEL.INVERTED-FLIGHT | | AIR | 4.3756 | 17.0197 | 946 | .22854 | 65 | 1228 | 56006000 |
| TANKS.CELL.FUEL.L/H-AND-R/H-FRONT | | AIR | 80.5071 | 130.77 | | .09937 | 63 | 1123 | 56008000 |
| TANKS.CELL.FUEL.L/H-AND-R/H-FRONT.INBOARD | | AIR | 40.9021 | 68.7793 | | .17114 | 63 | 1123 | 56010000 |

PART CLASS 805 TANKS/TANK PARTS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE .00 M.B.C. | UPPER 60 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| TANKS.CELL.FUEL.L/H-AND-R/H-FRONT.OUTBOARD | | AIR | 99.3338 | 137.934 | | .17114 | 63 | 1123 | 56012000 |
| TANKS.CELL.FUEL.L/H-AND-R/H-REAR.INBOARD | | AIR | 10.0633 | 39.1436 | | .09937 | 63 | 1123 | 56014000 |
| TANKS.CELL.FUEL.L/H-AND-R/H-REAR.OUTBOARD | | AIR | 81.8043 | 117.611 | | .17114 | 63 | 1123 | 56016000 |
| TANKS.CELL.FUEL.MIL-T-6396A | | HELI | 1066.66 | 1391.42 | 120 | .03 | 65 | 1213 | 56018000 |
| TANKS.CELL.FUEL.POWER-PLANT | | AIR | 96.3141 | 109.582 | 638 | 1.0798 | 65 | 1155 | 56020000 |
| TANKS.CELL.FUEL.R/H-REAR.AFT-FUSELAGE | | AIR | 11.293 | 43.9265 | | .08855 | 63 | 1123 | 56022000 |
| TANKS.FUEL | | AIR | 1515.15 | 5893.48 | 6 | .96066 | 62 | 1157 | 56024000 |
| TANKS.FUEL.AUXILIARY.60GAL.120PSI-PROOF | | HELI | 333.333 | 450.751 | 240 | .06 | 65 | 1213 | 56026000 |
| TANKS.FUEL.BODY.AFT | | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 56028000 |
| TANKS.FUEL.BODY.FORWARD | | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 56030000 |
| TANKS.FUEL.BODY.MID | | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 56032000 |
| TANKS.FUEL.CAVITY-TYPE | | AIR | * | 9.31472 | 488 | .2472 | 65 | 1227 | 56034000 |
| TANKS.FUEL.CAVITY-TYPE | | AIR | 7.29394 | 16.2431 | 760 | .4113 | 66 | 1290 | 56036000 |
| TANKS.FUEL.EXTERNAL | | AIR | 1946.8 | 2103.35 | | .14588 | 66 | 1241 | 56038000 |
| TANKS.FUEL.EXTERNAL.WING.LH.EJECTOR-PYLON | | AIR | 620.372 | 683.743 | | .29176 | 66 | 1241 | 56040000 |
| TANKS.FUEL.INTERNAL-REMOVABLE.NON-SEAL.MIL-T-6396 | | HELI | 140.186 | 196.994 | 151 | .107 | 64 | 1234 | 56042000A |
| TANKS.FUEL.NON-SELF-SEALING.FUSELAGE | | AIR | 508.397 | 679.192 | | .2334 | 66 | 1263 | 56044000 |
| TANKS.FUEL.WING.CENTER | | AIR | 167.504 | 445.753 | 31 | .01194 | 63 | 1111 | 56046000 |
| TANKS.FUEL.WING.EXTERNAL | | AIR | * | 96.4641 | 62 | .02387 | 63 | 1111 | 56048000 |
| TANKS.FUEL.WING.MAIN | | AIR | 302.617 | 661.435 | 124 | .04775 | 63 | 1111 | 56050000 |
| TANKS.FUEL.WING.OUTBOARD | | AIR | 795.978 | 1085.15 | 62 | .02387 | 63 | 1111 | 56052000 |
| TANKS.FUEL-COLLECTOR.VENT.FUEL-SYSTEM | | AIR | * | 4.94672 | 400 | .44548 | 65 | 1198 | 56054000 |
| TANKS.GLYCOL | | AIR | 54.5454 | 121.469 | 320 | .055 | 61 | 1086 | 56056000 |
| TANKS.HELIUM | | LAB | .07 | | | | 63 | 1138 | 56058000 |
| TANKS.HELIUM | | LAB | 2000C | 7779.4C | 4 | .0009C | 62 | 1085 | 56060000 |
| TANKS.HOT-WATER | WATER/WASTE.707-1318 | AIR | 20P | | | | 66 | 2361 | 56062000 |
| TANKS.HOT-WATER | WATER/WASTE.707-3318 | AIR | 70P | | | | 65 | 2361 | 56064000 |
| TANKS.HYDRAULIC | GEAR-POSITIONER.MAIN-LANDING-GEAR | AIR | * | 44.5736 | 96 | .04944 | 65 | 1227 | 56066000 |
| TANKS.HYDRAULIC | GEAR-POSITIONER.LANDING-GEAR.MAIN | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 56068000A |
| TANKS.HYDRAULIC-QUANTITY | HYDRAULIC-POWER.707-1318 | AIR | 130P | | | | 66 | 2362 | 56070000 |
| TANKS.HYDRAULIC-QUANTITY | HYDRAULIC-POWER.707-1318 | AIR | 150P | | | | 66 | 2362 | 56072000 |
| TANKS.HYDRAULIC-QUANTITY | HYDRAULIC-POWER.707-1318 | AIR | 160P | | | | 65 | 2362 | 56074000 |
| TANKS.HYDRAULIC-QUANTITY | HYDRAULIC-POWER.707-131 | AIR | 300P | | | | 65 | 2362 | 56076000 |
| TANKS.HYDRAULIC-QUANTITY | HYDRAULIC-POWER.707-331 | AIR | 600P | | | | 66 | 2362 | 56078000 |
| TANKS.HYDRAULIC-QUANTITY | HYDRAULIC-POWER.707-331 | AIR | 1240P | | | | 66 | 2362 | 56080000 |

PART CLASS 655 TANKS/TANK PARTS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR RPT | OF DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.S.C. | | | | | | | | | |
| TANKS.HYDRAZINE | POWER-UNIT | GRD | 806.875 | 1489.98 | | .0879 | 62 | 1135 | 56082000 |
| TANKS.INDICATING.FUEL-QUANTITY | | AIR | 41.2371 | 82.4077 | 336 | .097 | 59 | 1118 | 56084000 |
| TANKS.NITROGEN | INFRARED-SYSTEM | AIR | 9737.82 | 12672.8 | 36 | .00267 | 64 | 1256 | 56086000A |
| TANKS.OXYGEN | | AIR | * | 64.3804 | 93 | .03581 | 63 | 1111 | 56088000 |
| TANKS.PASSENGER-WATER | WATER/WASTE.707-131 | AIR | 110P | | | | 66 | 2361 | 56090000 |
| TANKS.PASSENGER-WATER | WATER/WASTE.707-331 | AIR | 130P | | | | 65 | 2361 | 56092000 |
| TANKS.PASSENGER-WATER | WATER/WASTE.707-331 | AIR | 130P | | | | 66 | 2361 | 56094000 |
| TANKS.PYLON.EXTERNAL | FUEL-SYSTEM | AIR | 60.4826 | 95.3422 | 108 | .149 | 63 | 1114 | 56096000 |
| TANKS.SMALL.PRESSURE | | LAB | .18 | | | | 63 | 1138 | 56098000 |
| TANKS.SMALL.PRESSURE.HIGH | | LAB | .08 | | | | 63 | 1138 | 56100000 |
| TANKS.STORAGE.H2O2.INTERNAL-BLADDER | | GRD | 2900C | 7779.4C | 19 | .0003C | 65 | 1171 | 56102000 |
| TANKS.SURGE | FUEL-SYSTEM | AIR | * | 64.3804 | 93 | .03581 | 63 | 1111 | 56104000 |
| TANKS.SURGE-VENT.WING | FUEL-SYSTEM | AIR | 129.68 | 279.882 | 62 | .02387 | 63 | 1111 | 56106000 |
| TANKS.WATER | GALLEY | AIR | * | 19.7868 | 180 | .11637 | 65 | 1198 | 56108000 |
| TANKS.WATER.20-GALLON | GALLEY | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 56110000 |
| TANKS.WATER.20-GALLON | GALLEY | AIR | * | 27.1597 | 50 | .08476 | 63 | 1198 | 56112000 |
| TANKS.WATER.20-GALLON | | AIR | 21.4833 | 31.3292 | | .60512 | 65 | 1196 | 56114000 |
| .00 PNEUMATIC | | | | | | | | | |
| FLASKS.AIR | | AIR | 9.52381 | 37.0447 | 948 | .105 | 61 | 1080 | 56116000A |
| TANKS.BOTTLE | CANOPY/NOSE-GEAR-STRUT | AIR | 133.997 | 191.641 | | .8433 | 66 | 1263 | 56118000 |
| .00 OIL | | | | | | | | | |
| TANK. | | AIR | 333.333 | 389.543 | | .216 | 63 | 2109 | 56120000 |
| TANK.ENGINE | | AIR | 1221.05 | 1379.56 | | .095 | 63 | 2128 | 56122000 |
| TANKS | ENGINE-SYSTEM | AIR | * | 13.9975 | 304 | .1645 | 66 | 1258 | 56124000 |
| TANKS | AUXILIARY-POWER-PLANT | AIR | * | 55.9834 | 76 | .04113 | 66 | 1258 | 56126000 |
| TANKS | CONSTANT-SPEED-DRIVE-SYSTEM | AIR | 12.158 | 32.3544 | 304 | .1645 | 66 | 1258 | 56128000 |
| TANKS | ENGINE | HELI | 144.508 | 269.054 | 40 | .0304 | 66 | 1257 | 56130000 |
| TANKS | ENGINE | HELI | 236.779 | 527.292 | 40 | .01267 | 66 | 1257 | 56132000 |
| TANKS | WATER-SYSTEM | AIR | 316.07 | 460.927 | 76 | .04113 | 66 | 1258 | 56134000 |
| TANKS.OIL | ENGINE | AIR | * | 24.1109 | 248 | .0955 | 63 | 1111 | 56136000 |
| TANKS.OIL | AUX-POWER-PLANT | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 56138000 |
| TANKS.OIL | ENGINE-LUBRICATION | AIR | * | 46.3393 | | .04969 | 63 | 1123 | 56140000A |
| TANKS.OIL | ENGINE | AIR | 2.14832 | 8.35632 | 400 | .46548 | 65 | 1198 | 56142000 |
| TANKS.OIL | ENGINE | AIR | 2.9488 | 11.4699 | 200 | .33912 | 63 | 1198 | 56144000 |
| TANKS.OIL | ENGINE | AIR | 3.34448 | 13.009 | 200 | .299 | 63 | 1114 | 56146000 |
| TANKS.OIL | ENGINE-SYSTEM | AIR | 10.1132 | 39.3375 | 192 | .09888 | 65 | 1227 | 56148000 |
| TANKS.OIL | CONSTANT-SPEED-DRIVE | AIR | 18.1818 | 70.7218 | 320 | .055 | 61 | 1080 | 56150000A |
| TANKS.OIL | CONSTANT-SPEED-DRIVE-SYSTEM | AIR | 20.2265 | 53.8258 | 192 | .09888 | 65 | 1227 | 56152000 |
| TANKS.OIL | GENERATOR-DRIVE-SYSTEM | AIR | 20.9424 | 81.4546 | 124 | .04775 | 63 | 1111 | 56154000 |

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y. NONELECTRONIC PART FAILURE RATE DATA JANUARY 1966

SECTION I FAILURE RATE DATA

PART CLASS 005 TANKS/TANK PARTS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .90 OIL | | | | | | | | | |
| TANKS.OIL | PROPULSION-SYSTEM | AIR | 153.139 | 407.526 | 88 | .01304 | 66 | 1240 | 56150005A |
| TANKS.OIL | POWER-PLANT | AIR | 166.689 | 208.26 | 126 | .21597 | 65 | 1155 | 56158009 |
| TANKS.OIL | ENGINE.MIL-T-6396A | MELI | 200 | 351.07 | 120 | .03 | 63 | 1215 | 56160900 |
| TANKS.OIL | ENGINE | AIR | 206.843 | 235.15 | 290 | .50763 | 65 | 1198 | 56162000 |
| TANKS.OIL | ENGINE | AIR | 237.96 | 274.011 | 408 | .353 | 63 | 1114 | 56164000 |

SECTION I FAILURE RATE DATA

PART CLASS 000 THERMOCOUPLES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF DATA RPT | YR OF DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| | FIRE-DETECTION | AIR | 18.5046 | 88.4732 | | 7.957 | 63 | 2561 | 5516 6888 |
| APU | AIRBORNE-AUXILIARY-POWER,T27 | AIR | 2000 | | | | 64 | 2362 | 5616 8000 |
| APU | AIRBORNE-AUXILIARY-POWER,T27 | AIR | 6109 | | | | 65 | 2363 | 5617 0000 |
| AUXILIARY-POWER-UNIT | AIRBORNE-AUXILIARY-POWER | AIR | 2000 | | | | 64 | 2363 | 5617 2000 |
| AUXILIARY-POWER-UNIT | AIRBORNE-AUXILIARY-POWER | AIR | 6000 | | | | 65 | 2363 | 5617 4000 |

PART CLASS 811 TIMERS AND PROGRAMMERS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| PROGRAMMER.CONTROL-CABIN | AIR-CONDITIONING.707-131B | AIR | 480P | | | | 65 | 2362 | 56176000 |
| PROGRAMMER.CONTROL-CABIN | AIR-CONDITIONING.707-331B | AIR | 490P | | | | 66 | 2362 | 56178000 |
| PROGRAMMER.CONTROL-CABIN | AIR-CONDITIONING.331C/373C | AIR | 510P | | | | 66 | 2365 | 56180000 |
| PROGRAMMER.CONTROL-CABIN | AIR-CONDITIONING.707-131 | AIR | 910P | | | | 65 | 2362 | 56182000 |
| PROGRAMMER.CONTROL-CABIN | AIR-CONDITIONING.707-331 | AIR | 1010P | | | | 66 | 2362 | 56184000 |
| PROGRAMMER.CONTROL-CABIN | AIR-CONDITIONING.707-331B | AIR | 1140P | | | | 66 | 2362 | 56186000 |
| PROGRAMMER.CONTROL-CABIN | AIR-CONDITIONING.707-131B | AIR | 1350P | | | | 66 | 2362 | 56188000 |
| PROGRAMMER.CONTROL-CABIN | AIR-CONDITIONING.707-131B | AIR | 1470P | | | | 66 | 2362 | 56190000 |
| PROGRAMMER.CONTROL-CABIN | AIR-CONDITIONING.707-131 | AIR | 1480P | | | | 66 | 2362 | 56192000 |
| PROGRAMMER.CONTROL-CABIN | AIR-CONDITIONING.707-331 | AIR | 1710P | | | | 65 | 2362 | 56194000 |
| PROGRAMMER.CONTROL-CABIN | AIR-CONDITIONING.707-131 | AIR | 1830P | | | | 66 | 2362 | 56196000 |
| PROGRAMMER.CONTROL-CABIN | AIR-CONDITIONING.707-331 | AIR | 1860P | | | | 66 | 2362 | 56198000 |
| PROGRAMMER.CONTROL-CABIN | AIR-CONDITIONING.707-331B | AIR | 2100P | | | | 65 | 2362 | 56200000 |
| PROGRAMMER.MAIN-CABIN | AIR-CONDITIONING.707-131 | AIR | 250P | | | | 66 | 2362 | 56202000 |
| PROGRAMMER.MAIN-CABIN | AIR-CONDITIONING.707-331B | AIR | 490P | | | | 66 | 2362 | 56204000 |
| PROGRAMMER.MAIN-CABIN | AIR-CONDITIONING.331C/373C | AIR | 500P | | | | 66 | 2365 | 56206000 |
| PROGRAMMER.MAIN-CABIN | AIR-CONDITIONING.707-131 | AIR | 690P | | | | 66 | 2362 | 56208000 |
| PROGRAMMER.MAIN-CABIN | AIR-CONDITIONING.707-131B | AIR | 800P | | | | 65 | 2362 | 56210000 |
| PROGRAMMER.MAIN-CABIN | AIR-CONDITIONING.707-331 | AIR | 1010P | | | | 66 | 2362 | 56212000 |
| PROGRAMMER.MAIN-CABIN | AIR-CONDITIONING.707-331B | AIR | 1050P | | | | 65 | 2362 | 56214000 |
| PROGRAMMER.MAIN-CABIN | AIR-CONDITIONING.707-131B | AIR | 1210P | | | | 66 | 2362 | 56216000 |
| PROGRAMMER.MAIN-CABIN | AIR-CONDITIONING.707-331 | AIR | 1960P | | | | 66 | 2362 | 56218000 |
| PROGRAMMER.MAIN-CABIN | AIR-CONDITIONING.331C/373C | AIR | 1960P | | | | 65 | 2365 | 56220000 |
| PROGRAMMER.MAIN-CABIN | AIR-CONDITIONING.331C/373C | AIR | 2020P | | | | 66 | 2365 | 56222000 |
| PROGRAMMER.MAIN-CABIN | AIR-CONDITIONING.707-131B | AIR | 2210P | | | | 66 | 2362 | 56224000 |
| PROGRAMMER.MAIN-CABIN | AIR-CONDITIONING.707-331 | AIR | 2390P | | | | 65 | 2362 | 56226000 |
| PROGRAMMER.MAIN-CABIN | AIR-CONDITIONING.707-131 | AIR | 2420P | | | | 65 | 2362 | 56228000 |
| PROGRAMMER.MAIN-CABIN | AIR-CONDITIONING.707-331B | AIR | 2510P | | | | 66 | 2362 | 56230000 |
| PROGRAMMER-CONTROL-CABIN | AIR-CONDITIONING.331C/373C | AIR | 1530P | | | | 66 | 2363 | 56232000 |
| PROGRAMMER-MAIN-CABIN | AIR-CONDITIONING.331C/373C | AIR | 1357P | | | | 66 | 2363 | 56234000 |
| PROGRAMMER-MAIN-CABIN | AIR-CONDITIONING | AIR | 1610P | | | | 66 | 2363 | 56236000 |
| PROGRAMMERS.CONTROL-CABIN | AIR-CONDITIONING.707-131 | AIR | 230P | | | | 66 | 2364 | 56238000 |
| PROGRAMMERS.CONTROL-CABIN | AIR-CONDITIONING.707-331B | AIR | 390P | | | | 66 | 2364 | 56240000 |
| PROGRAMMERS.CONTROL-CABIN | AIR-CONDITIONING.707-331B | AIR | 420P | | | | 66 | 2361 | 56242000 |
| PROGRAMMERS.CONTROL-CABIN | AIR-CONDITIONING.331C/373C | AIR | 460P | | | | 65 | 2360 | 56244000 |
| PROGRAMMERS.CONTROL-CABIN | AIR-CONDITIONING.707-131 | AIR | 460P | | | | 66 | 2361 | 56246000 |
| PROGRAMMERS.CONTROL-CABIN | AIR-CONDITIONING.331C/373C | AIR | 480P | | | | 66 | 2360 | 56248000 |
| PROGRAMMERS.CONTROL-CABIN | AIR-CONDITIONING.331C/373C | AIR | 500P | | | | 66 | 2360 | 56250000 |
| PROGRAMMERS.CONTROL-CABIN | AIR-CONDITIONING.707-331 | AIR | 560P | | | | 66 | 2361 | 56252000 |
| PROGRAMMERS.CONTROL-CABIN | AIR-CONDITIONING.707-131 | AIR | 670P | | | | 66 | 2361 | 56254000 |
| PROGRAMMERS.CONTROL-CABIN | AIR-CONDITIONING.707-331B | AIR | 680P | | | | 65 | 2361 | 56256000 |
| PROGRAMMERS.CONTROL-CABIN | AIR-CONDITIONING.707-331 | AIR | 770P | | | | 65 | 2361 | 56258000 |
| PROGRAMMERS.CONTROL-CABIN | AIR-CONDITIONING.707-131 | AIR | 780P | | | | 65 | 2361 | 56260000 |
| PROGRAMMERS.CONTROL-CABIN | AIR-CONDITIONING.707-131B | AIR | 840P | | | | 65 | 2362 | 56262000 |
| PROGRAMMERS.CONTROL-CABIN | AIR-CONDITIONING.707-331B | AIR | 850P | | | | 66 | 2364 | 56264000 |

PART CLASS 611 TIMERS AND PROGRAMMERS

| PART DESCRIPTION .00 M.C.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 95 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| PROGRAMMERS.CONTROL-CABIN | AIR-CONDITIONING.707-131 | AIR | 896P | | | | 66 | 2364 | 56266000 |
| PROGRAMMERS.CONTROL-CABIN | AIR-CONDITIONING.707-1318 | AIR | 920P | | | | 66 | 2361 | 56260000 |
| PROGRAMMERS.CONTROL-CABIN | AIR-CONDITIONING.707-331 | AIR | 940P | | | | 66 | 2364 | 56270000 |
| PROGRAMMERS.CONTROL-CABIN | AIR-CONDITIONING.707-331 | AIR | 1010P | | | | 66 | 2364 | 56272000 |
| PROGRAMMERS.CONTROL-CABIN | AIR-CONDITIONING.707-331 | AIR | 1050P | | | | 66 | 2361 | 56274000 |
| PROGRAMMERS.CONTROL-CABIN | AIR-CONDITIONING.707-131 | AIR | 1090P | | | | 65 | 2364 | 56276000 |
| PROGRAMMERS.CONTROL-CABIN | AIR-CONDITIONING.707-3318 | AIR | 1100P | | | | 66 | 2361 | 56278000 |
| PROGRAMMERS.CONTROL-CABIN | AIR-CONDITIONING.707-1318 | AIR | 1200P | | | | 66 | 2364 | 56290000 |
| PROGRAMMERS.CONTROL-CABIN | AIR-CONDITIONING.707-1318 | AIR | 1280P | | | | 65 | 2361 | 56282000 |
| PROGRAMMERS.CONTROL-CABIN | AIR-CONDITIONING.707-3318 | AIR | 1270P | | | | 65 | 2364 | 56284000 |
| PROGRAMMERS.CONTROL-CABIN | AIR-CONDITIONING.707-1318 | AIR | 1310P | | | | 66 | 2361 | 56286000 |
| PROGRAMMERS.CONTROL-CABIN | AIR-CONDITIONING.707-331 | AIR | 1650P | | | | 65 | 2364 | 56288000 |
| PROGRAMMERS.CONTROL-CABIN | AIR-CONDITIONING.707-1318 | AIR | 2100P | | | | 66 | 2364 | 56290000 |
| PROGRAMMERS.MAIN-CABIN | AIR-CONDITIONING.707-131 | AIR | 220P | | | | 66 | 2361 | 56292000 |
| PROGRAMMERS.MAIN-CABIN | AIR-CONDITIONING.707-131 | AIR | 260P | | | | 65 | 2361 | 56294000 |
| PROGRAMMERS.MAIN-CABIN | AIR-CONDITIONING.707-3318 | AIR | 340P | | | | 65 | 2361 | 56296000 |
| PROGRAMMERS.MAIN-CABIN | AIR-CONDITIONING.707-131 | AIR | 670P | | | | 66 | 2364 | 56298000 |
| PROGRAMMERS.MAIN-CABIN | AIR-CONDITIONING.707-3318 | AIR | 680P | | | | 66 | 2364 | 56300000 |
| PROGRAMMERS.MAIN-CABIN | AIR-CONDITIONING.707-3318 | AIR | 840P | | | | 66 | 2361 | 56302000 |
| PROGRAMMERS.MAIN-CABIN | AIR-CONDITIONING.707-331 | AIR | 840P | | | | 66 | 2361 | 56304000 |
| PROGRAMMERS.MAIN-CABIN | AIR-CONDITIONING.707-131 | AIR | 910P | | | | 66 | 2364 | 56306000 |
| PROGRAMMERS.MAIN-CABIN | AIR-CONDITIONING.707-1318 | AIR | 930P | | | | 65 | 2361 | 56308000 |
| PROGRAMMERS.MAIN-CABIN | AIR-CONDITIONING.331C/373C | AIR | 960P | | | | 66 | 2360 | 56310000 |
| PROGRAMMERS.MAIN-CABIN | AIR-CONDITIONING.707-131 | AIR | 1090P | | | | 65 | 2364 | 56312000 |
| PROGRAMMERS.MAIN-CABIN | AIR-CONDITIONING.707-1318 | AIR | 1120P | | | | 65 | 2364 | 56314000 |
| PROGRAMMERS.MAIN-CABIN | AIR-CONDITIONING.707-1318 | AIR | 1490P | | | | 66 | 2361 | 56316000 |
| PROGRAMMERS.MAIN-CABIN | AIR-CONDITIONING.707-3318 | AIR | 1550P | | | | 66 | 2364 | 56318000 |
| PROGRAMMERS.MAIN-CABIN | AIR-CONDITIONING.707-1318 | AIR | 1790P | | | | 66 | 2361 | 56320000 |
| PROGRAMMERS.MAIN-CABIN | AIR-CONDITIONING.707-3318 | AIR | 1790P | | | | 66 | 2361 | 56322000 |
| PROGRAMMERS.MAIN-CABIN | AIR-CONDITIONING.707-331 | AIR | 1800P | | | | 65 | 2361 | 56324000 |
| PROGRAMMERS.MAIN-CABIN | AIR-CONDITIONING.707-331 | AIR | 1850P | | | | 65 | 2364 | 56326000 |
| PROGRAMMERS.MAIN-CABIN | AIR-CONDITIONING.331C/373C | AIR | 1860P | | | | 65 | 2360 | 56328000 |
| PROGRAMMERS.MAIN-CABIN | AIR-CONDITIONING.707-1318 | AIR | 2100P | | | | 66 | 2364 | 56330000 |
| PROGRAMMERS.MAIN-CABIN | AIR-CONDITIONING.707-3318 | AIR | 2110P | | | | 65 | 2364 | 56332000 |
| PROGRAMMERS.MAIN-CABIN | AIR-CONDITIONING.331C/373C | AIR | 2500P | | | | 66 | 2360 | 56334000 |
| PROGRAMMERS.MAIN-CABIN | AIR-CONDITIONING.707-331 | AIR | 2520P | | | | 66 | 2361 | 56336000 |
| PROGRAMMERS.MAIN-CABIN | AIR-CONDITIONING.707-1318 | AIR | 2540P | | | | 66 | 2364 | 56338000 |
| PROGRAMMERS.MAIN-CABIN | AIR-CONDITIONING.707-331 | AIR | 2690P | | | | 66 | 2364 | 56340000 |
| TIMER | | AIR GND | * | 2302.6 | | .001 | 57 | 2L2 | 56342000 |
| TIMER | | AIR SHP GRD | 1223.4 | 1382.96 | | .094 | 57 | 2L2 | 56344000 |
| TIMER.ACS | | AIR | 29.7397 | 41.7315 | | .538 | 63 | 2117 | 56346000 |
| TIMER.CONTROL | AIR-CONDITIONING.331C/373C | AIR | 250P | | | | 66 | 2365 | 56348000 |
| TIMER.DEICER | | AIR | 74.074 | 120.321 | | .100 | 63 | 2105 | 56350000 |
| TIMER.ELECTROMECHANICAL | (STORAGE) | | 2 | | | | 66 | 2M1 | 56352000 |
| TIMER.ELECTRONIC | AIR-CONDITIONING.707-331 | | * | 2.19881 | | 1.0472 | 66 | 251 | 563540004 |

PART CLASS 611 TIMERS AND PROGRAMMERS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .60 N.S.C. | | | | | | | | | |
| TIMER.ELECTRONIC | AIR-CONDITIONING.707-131 | | * | 6.91807 | | .3328 | 66 | 252 | 56356000A |
| TIMER.EXPLOSIVE | AIR-CONDITIONING.707-3318 | | * | .355814 | | 6.4730 | 66 | 252 | 56358000A |
| TIMER.INTERVAL | AIR-CONDITIONING.707-1318 | | 1.49367 | 2.7703 | | 3.3479 | 66 | 252 | 56360000A |
| TIMER.SEQUENTIAL | AIR-CONDITIONING.707-331 | | .165536 | .368637 | | 18.123 | 66 | 252 | 56362000A |
| TIMER.THERMAL | AIR-CONDITIONING.707-131 | | 5 | | | | 66 | 2M1 | 56364000 |
| TIMER.TIME-DELAY | AIR-CONDITIONING.707-3318 | AIR | 675.675 | 1350.26 | | .00592 | 66 | 2132 | 56366000 |
| TIMER.TOILET | WATER/WASTE.707-1318 | AIR | 50P | | | | 66 | 2362 | 56368000 |
| TIMER.TOILET | WATER/WASTE.707-1318 | AIR | 60P | | | | 65 | 2362 | 56370000 |
| TIMER.TOILET | WATER/WASTE.707-1318 | AIR | 60P | | | | 66 | 2362 | 56372000 |
| TIMER.TOILET | WATER/WASTE.707-3318 | AIR | 150P | | | | 66 | 2362 | 56374000 |
| TIMER.TOILET | WATER/WASTE.707-3318 | AIR | 170P | | | | 66 | 2362 | 56376000 |
| TIMER.TOILET | WATER/WASTE.331C/373C | AIR | 300P | | | | 66 | 2360 | 56378000 |
| TIMER-ELAPSED-TIME-INDICATOR | | AIR | 4.04841 | 9.01555 | | .74103 | 65 | 212 | 56390000 |
| TIMER-TOILET | WATER/WASTE.707-1318 | AIR | 50P | | | | 66 | 2364 | 56382000 |
| TIMER-TOILET | WATER/WASTE.707-3318 | AIR | 80P | | | | 65 | 2364 | 56384000 |
| TIMER-TOILET | WATER/WASTE.707-1318 | AIR | 110P | | | | 66 | 2364 | 56386000 |
| TIMER-TOILET | WATER/WASTE.707-3318 | AIR | 120P | | | | 66 | 2364 | 56388000 |
| TIMERS | DE-ICING.PROPELLER-ASSEMBLY | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 56390000 |
| TIMERS | | LAB | 1.2 | | | | 63 | 1138 | 56392000 |
| TIMERS | | MSL | 3 | | | | 57 | 2L2 | 56394000 |
| TIMERS | | | 3 | | | | 57 | 2L1 | 56396000 |
| TIMERS | DE-ICING.PROPELLER-ASSEMBLY | AIR | 31.5183 | 62.9859 | 50 | .12691 | 65 | 1198 | 56398000 |
| TIMERS | DE-ICING.HYDROMATIC-PROPELLER | AIR | 45.4545 | 90.8357 | 102 | .088 | 63 | 1114 | 56400000 |
| TIMERS | DE-ICING.PROPELLER-ASSEMBLY | AIR | 70.7714 | 124.228 | 50 | .08478 | 63 | 1198 | 56402000 |
| TIMERS | DE-ICING.HYDROMATIC-PROPELLER | AIR | 80 | 140.428 | 30 | .075 | 63 | 1114 | 56404000 |
| TIMERS | MEMORY-POINT.80NB-NAVIGATION-COMPUTER.AS89 | AIR | 83.752 | 325.77 | 31 | .01194 | 63 | 1111 | 56406000 |
| TIMERS | RELEASE.EJECTION-SEAT.PILOT | AIR | 264.46 | 327.45 | | .14747 | 66 | 1241 | 56408000 |
| TIMERS | | GRD | 556 | | | | 57 | 2L1 | 56410000 |
| TIMERS | | SUB | 1000 | 3889.7 | 30 | .001 | 65 | 1246 | 56412000 |
| TIMERS | | MSL | 2787 | | | | 57 | 2L2 | 56414000 |
| TIMERS.COMPARISON.ELECTRICAL-EVENT.TRANSISTOR | | SUB | 490.196 | 1906.71 | 9 | .00204 | 64 | 1161 | 56416000A |
| TIMERS.COMPARISON.ELECTRICAL-EVENT.TRANSISTOR | | SUB | 1452.28 | 2442.69 | 30 | .00482 | 65 | 1246 | 56418000 |
| TIMERS.COMPARISON.DELAY | PANEL-ASSEMBLY | SUB | 9090.9 | 20244.8 | 30 | .00033 | 65 | 1246 | 56420000 |
| TIMERS.COMPARISON.DELAY.ELECTRICAL-EVENT.TRANSISTOR | | SUB | 4301.07 | 8595.21 | 5 | .00093 | 65 | 1246 | 56422000 |
| TIMERS.CONTROL | AIR-CONDITIONING.707-1318 | AIR | 60P | | | | 66 | 2361 | 56424000 |
| TIMERS.CONTROL | AIR-CONDITIONING.707-3318 | AIR | 70P | | | | 66 | 2361 | 56426000 |
| TIMERS.CONTROL | AIR-CONDITIONING.707-131 | AIR | 130P | | | | 65 | 2361 | 56428000 |

PART CLASS 811 TIMERS AND PROGRAMMERS

| PART DESCRIPTION .00 M.O.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SINCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| TIMERS.CONTROL | AIR-CONDITIONING.707-331 | AIR | 140P | | | | 66 | 2361 | 56430000 |
| TIMERS.CONTROL | AIR-CONDITIONING.707-331B | AIR | 170P | | | | 65 | 2361 | 56432000 |
| TIMERS.CONTROL | AIR-CONDITIONING.707-131B | AIR | 330P | | | | 65 | 2361 | 56434000 |
| TIMERS.CONTROL | AIR-CONDITIONING.707-131B | AIR | 520P | | | | 66 | 2361 | 56436000 |
| TIMERS.CONTROL | AIR-CONDITIONING.707-131 | AIR | 560P | | | | 66 | 2361 | 56438000 |
| TIMERS.CONTROL | AIR-CONDITIONING.707-131 | AIR | 630P | | | | 66 | 2361 | 56440000 |
| TIMERS.CONTROL.AIR | DE-ICER.AIR-CONDITIONING-SYSTEM | AIR | 37.0438 | 74.028 | 63 | .10798 | 65 | 1195 | 56442000 |
| TIMERS.CONTROL.AIR | | AIR | 57.1428 | 152.065 | 320 | .035 | 61 | 1080 | 56444000A |
| TIMERS.CYC-DEICE | | AIR | 4000 | | | | 65 | 2330 | 56446000 |
| TIMERS.DELAY.TRANSISTOR | PANEL-ASSEMBLY | SUB | 1941.66 | 1932.22 | 80 | .0049 | 65 | 1246 | 56448000 |
| TIMERS.ELAPSED | | AIR | 4.04658 | 9.01392 | 3836 | .741 | 66 | 1253 | 56450000A |
| TIMERS.ELAPSED.DIGITAL | | GRD | 0 | 381.225 | 8 | .00604 | 65 | 1177 | 56452000A |
| TIMERS.ELAPSED-TIME-INDICATOR | | SUB | 1.78041 | 3.12525 | 56 | 3.37 | 66 | 1261 | 56454000A |
| TIMERS.ELAPSED-TIME-INDICATOR | | SUB | 10.5011 | 12.5182 | 78 | 5.428 | 66 | 1261 | 56456000A |
| TIMERS.ELAPSED-TIME-INDICATOR | | SIM AIR | 0 | 92.6595 | 24 | .02485 | 64 | 1190 | 56458000A |
| TIMERS.ELAPSED-TIME-INDICATOR | | GEN | 18.4049 | 40.9865 | | .163 | 62 | 1078 | 56460000 |
| TIMERS.ELAPSED-TIME-INDICATOR | | SIM AIR | 190.839 | 742.309 | 10 | .00524 | 64 | 1151 | 56462000A |
| TIMERS.ELECTROMECHANICAL | | LAB | 1.5 | | | | 63 | 1138 | 56464000 |
| TIMERS.ELECTROMECHANICAL | (STORAGE) | MSL | 2 | | | | 65 | 2440 | 56466000 |
| TIMERS.ELECTROMECHANICAL | | AIR | 40 | | | | 61 | 1068 | 56468000 |
| TIMERS.ELECTRONIC | (STORAGE) | GRD | 424.403 | 689.374 | 65 | .01885 | 66 | 1264 | 56470000A |
| TIMERS.ELECTRONIC | | MSL | 1 | | | | 65 | 2440 | 56472000 |
| TIMERS.MECHANICAL | | AIR | 35 | | | | 61 | 1068 | 56474000 |
| TIMERS.MECHANICAL | | MSL | 0 | 230260 | 23 | .00001 | 64 | 1190 | 56476000A |
| TIMERS.MECHANICAL.SPRING-LOAD-ROTOR-ESCAPEMENT. 2-1/10-SEC.3/8-IN-L. | GR-FUZE | SIM MSL | 83333.3 | 126388 | 237 | .00012 | 64 | 1139 | 56478000A |
| | | SIM GRD | 2972.97A | 4485.98A | 3680 | .0037A | 64 | 1194 | 56480000 |
| TIMERS.MECHANICAL.65SEC | | SIM MSL | 0 | 12118.9 | 387 | .00019 | 65 | 1220 | 56482000A |
| TIMERS.PNEUMATIC | | LAB | 3.5 | | | | 63 | 1138 | 56484000 |
| TIMERS.PNEUMATIC-INDICATOR | | AIR | 150 | | | | 61 | 1068 | 56486000 |
| TIMERS.SEQUENTIAL | | GRD | 205.846 | 381.832 | 4 | .02429 | 64 | 1210 | 56488000 |
| TIMERS.SEQUENTIAL | | AIR | 315.159 | 485.554 | 61 | .03173 | 64 | 1144 | 56490000 |
| TIMERS.SEQUENTIAL. CAM-DRIVEN | | SUB | 1.69014 | 3.76383 | 28 | 1.775 | 66 | 1261 | 56492000A |
| TIMERS.SEQUENTIAL. MOTOR-RELAY | | SUB | 229.885 | 439.399 | 9 | .0174 | 64 | 1161 | 56494000A |
| TIMERS.SEQUENTIAL.MOTOR-RELAY | | SUB | 1538.46 | 3074.44 | 30 | .0026 | 65 | 1246 | 56496000 |
| TIMERS.SEQUENTIAL.TD709 | | AIR | 11504.4 | 16776.9 | | .00813 | 64 | 1241 | 56498000 |

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
SECTION I FAILURE RATE DATA

NONELECTRONIC PART FAILURE RATE DATA JANUARY 1968

PART CLASS 011 TIMERS AND PROGRAMMERS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CASS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .OC N.O.C. | | | | | | | 65 | 2460 | 56500000 |
| TIMERS.THERMAL | ISTORAGE] | MSL | 5 | | | | 65 | 2361 | 56502000 |
| TIMERS.TOILET | WATER/WASTE.707-1318 | AIR | 110P | | | | 64 | 2361 | 56504000 |
| TIMERS.TOILET | WATER/WASTE.707-1318 | AIR | 110P | | | | 65 | 2361 | 56506000 |
| TIMERS.TOILET | WATER/WASTE.707-3318 | AIR | 140P | | | | 66 | 2361 | 56508000 |
| TIMERS.TOILET | WATER/WASTE.707-3318 | AIR | 170P | | | | 65 | 1246 | 56510000 |
| TIMERS.TRANSISTOR. | PANEL-ASSEMBLY | SUB | 529.1 | 1408.01 | 5 | .00378 | 64 | 1161 | 56512000A |
| TIMERS.TRANSISTOR. PANEL-ASSEMBLY | | SUB | 666.666 | 1774.1 | 5 | .003 | | | |

PART CLASS 812 TYPE

| PART DESCRIPTION .00 N.E.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| | NOSE-CAP.ELEVATOR-CONTROL-SYSTEM | AIR | • | 46.5736 | 96 | .04944 | 65 | 1227 | 56514000 |
| | CONTROL.ELEVATOR-ASSEMBLY | AIR | • | 9.89344 | 200 | .23274 | 65 | 1198 | 56516000 |
| | ELEVATOR.FLIGHT-CONTROL | AIR | • | 46.5736 | 96 | .04944 | 65 | 1227 | 56513000 |
| | AILERON-CONTROL-SYSTEM | AIR | • | 46.5736 | 96 | .04944 | 65 | 1227 | 56520000 |
| ELEVATOR | AILERON-CONTROL-SYSTEM | AIR | • | 27.9917 | 152 | .08226 | 66 | 1250 | 56522000 |
| NOSE-CAP | FLIGHT-CONTROL | AIR | • | 27.9917 | 152 | .08226 | 66 | 1250 | 56524000A |
| PLASTIC.STABILIZER.VERTICAL | ELEVATOR-CONTROL-SYSTEM | AIR | • | 27.9917 | 152 | .08226 | 66 | 1250 | 56526000A |
| PLASTIC.STABILIZER.VERTICAL | FUSELAGE | AIR | 22.8154 | 60.7152 | 406 | .08766 | 64 | 1179 | 56528000 |
| PLASTIC.STABILIZER.VERTICAL | FUSELAGE | AIR | 35.0048 | 69.9533 | 473 | .11427 | 65 | 1228 | 56530000 |
| RUDDER-ASSEMBLY | FUSELAGE | AIR | 173.782 | 199.693 | 597 | .51789 | 67 | 1272 | 56532000 |
| SENSING.PRESSURE.AIR | FUEL-CONTROL | AIR | • | 19.7868 | 100 | .11637 | 65 | 1198 | 56534000 |
| STABILIZER.HORIZONTAL | EMPENNAGE | AIR | 10.5501 | 21.0833 | 909 | .37914 | 65 | 1201 | 56536000 |
| STABILIZER.HORIZONTAL | EMPENNAGE | AIR | • | 46.5736 | 96 | .04944 | 65 | 1227 | 56538000 |
| STABILIZER.HORIZONTAL | | AIR | • | 27.9917 | 152 | .08226 | 66 | 1250 | 56540000 |
| STABILIZER.HORIZONTAL | | AIR | • | 9.07178 | 100 | .25382 | 65 | 1198 | 56542000 |
| STABILIZER.HORIZONTAL | | AIR | 4.29664 | 16.7126 | 200 | .23274 | 65 | 1198 | 56544000 |
| STABILIZER.HORIZONTAL | | AIR | 5.89761 | 22.9399 | 100 | .16956 | 63 | 1198 | 56546000 |
| STABILIZER.VERTICAL | | AIR | 6.7114 | 26.1053 | 100 | .149 | 63 | 1114 | 56548000 |
| STABILIZER.VERTICAL | | AIR | • | 19.7868 | 100 | .11637 | 65 | 1198 | 56550000 |
| STABILIZER.VERTICAL | | AIR | • | 27.1597 | 50 | .08478 | 63 | 1198 | 56552000 |
| WING | | AIR | • | 18.1435 | 50 | .12691 | 65 | 1198 | 56554000 |
| WING | | AIR | 22.8154 | 45.594 | 812 | .17532 | 64 | 1179 | 56556000 |
| WING | | AIR | 41.8935 | 162.953 | 62 | .02387 | 63 | 1111 | 56558000 |
| WING | | AIR | 48.1316 | 72.4268 | 946 | .22894 | 65 | 1228 | 56560000 |
| WING.OUTBOARD | | AIR | 227.865 | 248.074 | 1194 | 1.0357 | 67 | 1272 | 56562000 |
| WING.OUTBOARD | | AIR | • | 27.9917 | 152 | .08226 | 66 | 1250 | 56564000 |
| WING.OUTER | | AIR | 20.2265 | 78.6751 | 96 | .04944 | 65 | 1227 | 56566000 |
| WING.OUTER | | AIR | 12.8899 | 28.7049 | 200 | .23274 | 65 | 1198 | 56568000 |
| WING.OUTER | | AIR | 15.7591 | 31.4929 | 100 | .25382 | 65 | 1198 | 56570000 |
| WING.OUTER | | AIR | 17.0454 | 37.959 | 204 | .176 | 63 | 1114 | 56572000 |
| WING.OUTER | | AIR | 17.6928 | 39.4008 | 100 | .16956 | 63 | 1198 | 56574000 |
| WING.OUTER | | AIR | 20.1342 | 44.8375 | 100 | .149 | 63 | 1114 | 56576000 |
| WING.OUTER | | AIR | 32.258 | 125.474 | 136 | .031 | 63 | 1114 | 56578000 |

PART CLASS 813 TIRES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| | TIP-PROTECTION-GEAR | AIR | 125.68 | 279.882 | 62 | .02387 | 63 | 1111 | 36580000 |
| | NOSE.LANDING-GEAR | AIR | 745.475 | 826.552 | 136 | .21597 | 64 | 1155 | 36582000 |
| | NOSE-LANDING-GEAR | AIR | 2021.05 | 2159.73 | | .190 | 63 | 2124 | 36584000 |
| | NOSE.LANDING-GEAR | AIR | 2193.54 | 2575.37 | 136 | .031 | 63 | 1114 | 36586000 |
| | NOSE.LANDING-GEAR | AIR | 2208.05 | 2372.37 | 100 | .149 | 63 | 1114 | 36588000 |
| | NOSE.LANDING-GEAR | AIR | 2211.6 | 2365.26 | 100 | .16956 | 63 | 1198 | 36590000 |
| | NOSE.LANDING-GEAR | AIR | 2295.73 | 2386.96 | 200 | .23274 | 65 | 1198 | 36592000 |
| | MAIN.LANDING-GEAR | AIR | 2293.19 | 2504.81 | 248 | .0955 | 63 | 1111 | 36594000 |
| | MAIN.LANDING-GEAR | AIR | 2653.14 | 2800.87 | 126 | .21597 | 64 | 1155 | 36596000 |
| | NOSE.LANDING-GEAR | AIR | 2820.89 | 2960.69 | 100 | .25382 | 65 | 1198 | 36598000 |
| | NOSE.LANDING-GEAR | AIR | 2979.55 | 3076.9 | 424 | .538 | 64 | 1266 | 36600000 |
| | NOSE.LANDING-GEAR | AIR | 3119.33 | 3465.59 | | .04969 | 63 | 1123 | 36602000 |
| | MAIN.LANDING-GEAR | AIR | 3217.15 | 3345.55 | 200 | .33912 | 63 | 1198 | 36604000 |
| | MAIN.LANDING-GEAR | AIR | 3294.31 | 3432.95 | 200 | .299 | 63 | 1114 | 36606000 |
| | NOSE.LANDING-GEAR | AIR | 3296.82 | 3559.51 | 406 | .08766 | 64 | 1179 | 36608000 |
| | NOSE.LANDING-GEAR | AIR | 3697.69 | 3808.22 | 597 | .51789 | 67 | 1272 | 36610000 |
| | NOSE.LANDING-GEAR | AIR | 3728.01 | 3969.91 | 473 | .11427 | 65 | 1228 | 36612000 |
| | MAIN.LANDING-GEAR | AIR | 3881.45 | 4024.25 | 608 | .329 | 66 | 1290 | 36614000A |
| | MAIN.LANDING-GEAR | AIR | 4073.21 | 4136.01 | 400 | .46548 | 65 | 1198 | 36616000 |
| | MAIN.LANDING-GEAR | AIR | 5185.03 | 5396.18 | 384 | .19776 | 65 | 1227 | 36618000 |
| | NOSE.LANDING-GEAR | AIR | 5252.12 | 5411.85 | 408 | .353 | 63 | 1114 | 36620000 |
| | MAIN.LANDING-GEAR | AIR | 5252.12 | 5411.85 | 408 | .353 | 63 | 1114 | 36622000 |
| | MAIN.LANDING-GEAR | AIR | 5322.58 | 5718.05 | 272 | .062 | 63 | 1114 | 36624000 |
| | MAIN.LANDING-GEAR | AIR | 5405.51 | 5539.22 | 200 | .50763 | 65 | 1198 | 36626000 |
| | NOSE.LANDING-GEAR | AIR | 5458.3 | 5803.05 | 152 | .08226 | 66 | 1250 | 36628000A |
| | NOSE.LANDING-GEAR | AIR | 6000 | 6835.38 | 64 | .017 | 66 | 1225 | 36630000 |
| | NOSE.LANDING-GEAR | AIR | 7766.99 | 8299.96 | 96 | .04944 | 65 | 1227 | 36632000 |
| | MAIN.LANDING-GEAR | AIR | 8795.72 | 8913.87 | 848 | 1.077 | 64 | 1266 | 36634000 |
| | MAIN-LANDING-GEAR | AIR | 9778.94 | 10076.3 | | .190 | 63 | 2124 | 36636000 |
| | MAIN.LANDING-GEAR | AIR | 15294.1 | 16582.7 | 64 | .017 | 66 | 1225 | 36638000 |
| | MAIN.LANDING-GEAR | AIR | 33980.5 | 36503 | 944 | .22854 | 65 | 1228 | 36640000 |
| | MAIN.LANDING-GEAR | AIR | 46771.6 | 47450.7 | 812 | .17532 | 64 | 1179 | 36642000 |
| TYPE-VII.14-PLY.NYLON | | AIR | 5305.55 | 5511.97 | | .216 | 63 | 2101 | 36644000 |
| 17-5X6-25-11 | MAIN.LANDING-GEAR | HELI | 2700 | 2992.68 | 240 | .06 | 65 | 1215 | 36646000 |
| 18X4-4 | NOSE | AIR | 17314.2 | 18249.6 | 640 | .035 | 61 | 1080 | 36648000A |
| 18X5.5.12-PLY.NYLON | | AIR | 1490.74 | 1602.94 | | .216 | 63 | 2101 | 36650000 |
| 20X4.4 | MAIN | AIR | 34853.6 | 40115.33 | 1194 | 1.0357 | 67 | 1272 | 36652000A |
| 24X5-5 | NOSE | AIR | 6571.42 | 7236.82 | 186 | .028 | 61 | 1080 | 36654000 |
| 26X6.(8PLY-RATING | NOSE.LANDING-GEAR | AIR | 6747.32 | 6838.26 | 43 | .00653 | 66 | 1240 | 36656000A |
| 30X8-8 | MAIN | AIR | 75200 | 77106.8 | 640 | .035 | 61 | 1080 | 36658000 |
| 30X8-8(20-PLY) | MAIN | AIR | 58500 | 60396.6 | 188 | .028 | 61 | 1080 | 36660000 |
| 36X11.24PLY-RATING | MAIN.LANDING-GEAR | AIR | 3445.63 | 4201.99 | 86 | .01306 | 66 | 1240 | 36662000A |
| 2-8849 | TAIL.LANDING-GEAR | HELI | 566.666 | 786.67 | 120 | .03 | 65 | 1215 | 36664000 |

PART CLASS 816 TOOLS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .01 CUTTER | | | | | | | | | |
| | ASSEMBLY.RESCUE-HOIST-SYSTEM | HELI | 290.768 | 812.048 | 100 | .00479 | 63 | 1118 | 36044000 |
| | ASSEMBLY.RESCUE-HOIST-SYSTEM | HELI | 367.447 | 1430.03 | 100 | .00272 | 63 | 1118 | 36044000 |
| .02 EXPANDER | | | | | | | | | |
| | BEARING.TURBINE.FRONT.POWER-SECTION | AIR | .301879 | 1.92021 | 1316 | 1.3945 | 65 | 1201 | 36672000 |
| | BEARING.TURBINE.FRONT.POWER-SECTION | AIR | 2.63754 | 10.2592 | 400 | .37914 | 65 | 1201 | 36672000 |
| .03 FORMER | | | | | | | | | |
| INTERCOSTALS.WING.CENTER BOX-BEAM | | AIR | • | 55.9834 | 76 | .04113 | 66 | 1250 | 36674000 |
| INTERCOSTALS.WING.CENTER BOX-BEAM | | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 36676000 |
| INTERCOSTALS.WING.INBOARD | | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 36678000 |
| INTERCOSTALS.WING.INBOARD | | AIR | • | 55.9834 | 76 | .04113 | 66 | 1250 | 36680000 |
| INTERCOSTALS.WING.OUTBOARD | | AIR | • | 55.9834 | 76 | .04113 | 66 | 1250 | 36682000 |
| INTERCOSTALS.WING.OUTBOARD | | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 36684000 |
| RUDDER | | AIR | • | 55.9834 | 76 | .04113 | 66 | 1250 | 36686000 |
| RUDDER | | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 36688000 |
| STRINGERS | WING.CENTER.BOX-BEAM | AIR | • | 27.1597 | 96 | .03478 | 63 | 1198 | 36690000 |
| STRINGERS | WING.CENTER | AIR | 6.59228 | 33.4252 | 100 | .11637 | 65 | 1198 | 36692000 |
| STRINGERS | WING.OUTER | AIR | 11.3436 | 44.2811 | 102 | .088 | 63 | 1114 | 36694000 |
| STRINGERS | WING.OUTER | AIR | 23.2984 | 82.7777 | 50 | .08478 | 63 | 1198 | 36696000 |
| STRINGERS | WING.CENTER.BOX-BEAM | AIR | 66.6666 | 259.313 | 68 | .015 | 63 | 1114 | 36698000 |
| STRINGERS | WING.OUTER | AIR | 68.7462 | 111.667 | 100 | .11637 | 65 | 1198 | 36700000 |
| STRINGERS BOX-BEAM | WING.OUTER | AIR | 15.7591 | 41.9375 | 50 | .12691 | 65 | 1198 | 36702000 |
| STRINGERS BOX-BEAM | WING.OUTER | AIR | 26.6666 | 70.964 | 50 | .075 | 63 | 1114 | 36704000 |

PART CLASS EIT TRANSCEIVERS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| | DME.DC-8 | AIR | 370 | | | | 66 | 2380 | 56706000 |
| | RADAR.DC-8 | AIR | 960 | | | | 66 | 2380 | 56708000 |
| | VHF.COMMUNICATION | AIR | 1090 | | | | 66 | 2380 | 56710000 |
| | VHF.COMMUNICATION | AIR | 2720 | | | | 66 | 2380 | 56712000 |
| DUPLEXER | | | 1150 | | | | 59 | 214 | 56714000 |
| OXYGEN-PRESSURE | OXYGEN.707-1318 | AIR | 120P | | | | 66 | 2361 | 56716000 |
| OXYGEN-PRESSURE | OXYGEN.707-1318 | AIR | 130P | | | | 65 | 2361 | 56718000 |
| OXYGEN-PRESSURE | OXYGEN.707-3318 | AIR | 140P | | | | 66 | 2361 | 56720000 |
| RADAR | RADAR.B-720 | AIR | • | | | | 66 | 2380 | 56722000 |
| RECEIVER | MARKER | AIR | 190 | | | | 66 | 2380 | 56724000 |
| RECEIVER | ADF | AIR | 2560 | | | | 66 | 2380 | 56726000 |
| RECEIVER.ADF | NAVIGATION.331C/373C | AIR | 720P | | | | 66 | 2360 | 56728000 |
| RECEIVER.ADF | NAVIGATION.707-3318 | AIR | 730P | | | | 66 | 2362 | 56730000 |
| RECEIVER.ADF | NAVIGATION.331C/373C | AIR | 980P | | | | 65 | 2365 | 56732000 |
| RECEIVER.ADF | NAVIGATION.707-1318 | AIR | 1030P | | | | 66 | 2362 | 56734000 |
| RECEIVER.ADF | NAVIGATION.880 | AIR | 1060P | | | | 66 | 2365 | 56736000 |
| RECEIVER.ADF | NAVIGATION.727 | AIR | 1180P | | | | 66 | 2365 | 56738000 |
| RECEIVER.ADF | NAVIGATION.727 | AIR | 1200P | | | | 66 | 2360 | 56740000 |
| RECEIVER.ADF | NAVIGATION.727 | AIR | 1320P | | | | 65 | 2365 | 56742000 |
| RECEIVER.ADF | NAVIGATION.707-1318 | AIR | 1420P | | | | 66 | 2362 | 56744000 |
| RECEIVER.ADF | NAVIGATION.707-1318 | AIR | 1840P | | | | 65 | 2362 | 56746000 |
| RECEIVER.ADF | NAVIGATION.880 | AIR | 1850P | | | | 65 | 2365 | 56748000 |
| RECEIVER.ADF | NAVIGATION.727 | AIR | 1920P | | | | 66 | 2365 | 56750000 |
| RECEIVER.ADF | NAVIGATION.727 | AIR | 1960P | | | | 66 | 2360 | 56752000 |
| RECEIVER.ADF | NAVIGATION.707-331 | AIR | 2010P | | | | 66 | 2362 | 56754000 |
| RECEIVER.ADF | NAVIGATION.331C/373C | AIR | 2010P | | | | 66 | 2365 | 56756000 |
| RECEIVER.ADF | NAVIGATION.331C/373C | AIR | 2020P | | | | 66 | 2365 | 56758000 |
| RECEIVER.ADF | NAVIGATION.707-131 | AIR | 2100P | | | | 66 | 2362 | 56760000 |
| RECEIVER.ADF | NAVIGATION.707-3318 | AIR | 2100P | | | | 65 | 2362 | 56762000 |
| RECEIVER.ADF | NAVIGATION.880 | AIR | 2140P | | | | 65 | 2350 | 56764000 |
| RECEIVER.ADF | NAVIGATION.880 | AIR | 2270P | | | | 66 | 2360 | 56766000 |
| RECEIVER.ADF | NAVIGATION.727 | AIR | 2330P | | | | 65 | 2360 | 56768000 |
| RECEIVER.ADF | NAVIGATION.707-131 | AIR | 2420P | | | | 65 | 2362 | 56770000 |
| RECEIVER.ADF | NAVIGATION.880 | AIR | 2450P | | | | 66 | 2365 | 56772000 |
| RECEIVER.ADF | NAVIGATION.880 | AIR | 2460P | | | | 66 | 2360 | 56774000 |
| RECEIVER.ADF | NAVIGATION.707-3318 | AIR | 2700P | | | | 66 | 2362 | 56776000 |
| RECEIVER.ADF | NAVIGATION.707-331 | AIR | 2870P | | | | 66 | 2362 | 56778000 |
| RECEIVER.ADF | NAVIGATION.331C/373C | AIR | 3000P | | | | 66 | 2360 | 56780000 |
| RECEIVER.ADF | NAVIGATION.707-331 | AIR | 3070P | | | | 65 | 2362 | 56782000 |
| RECEIVER.ADF | NAVIGATION.707-131 | AIR | 3200P | | | | 66 | 2352 | 56784000 |
| RECEIVER.ADF | NAVIGATION.331C/373C | AIR | 16300P | | | | 65 | 2360 | 56786000 |
| RECEIVER.GLIDE-SLOPE | NAVIGATION.727 | AIR | 90P | | | | 66 | 2360 | 56788000 |
| RECEIVER.GLIDE-SLOPE | NAVIGATION.707-3318 | AIR | 120P | | | | 66 | 2362 | 56790000 |
| RECEIVER.GLIDE-SLOPE | NAVIGATION.880 | AIR | 380P | | | | 66 | 2365 | 56792000 |
| RECEIVER.GLIDE-SLOPE | NAVIGATION.880 | AIR | 450P | | | | 66 | 2360 | 56794000 |

PART CLASS 81Y TRANSCEIVERS

| PART DESCRIPTION .00 N.O.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF APT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| RECEIVER.GLIDE-SLOPE | NAVIGATION.727 | AIR | 480P | | | | 64 | 2360 | 56796040 |
| RECEIVER.GLIDE-SLOPE | NAVIGATION.707-131 | AIR | 490P | | | | 66 | 2362 | 56798000 |
| RECEIVER.GLIDE-SLOPE | NAVIGATION.331C/373C | AIR | 490P | | | | 65 | 2365 | 56800000 |
| RECEIVER.GLIDE-SLOPE | NAVIGATION.331C/373C | AIR | 500P | | | | 66 | 2365 | 56802000 |
| RECEIVER.GLIDE-SLOPE | NAVIGATION.331C/373C | AIR | 500P | | | | 66 | 2360 | 56804000 |
| RECEIVER.GLIDE-SLOPE | NAVIGATION.331C/373C | AIR | 510P | | | | 66 | 2365 | 56806000 |
| RECEIVER.GLIDE-SLOPE | NAVIGATION.727 | AIR | 530P | | | | 64 | 2365 | 56808000 |
| RECEIVER.GLIDE-SLOPE | NAVIGATION.880 | AIR | 550P | | | | 66 | 2365 | 56810000 |
| RECEIVER.GLIDE-SLOPE | NAVIGATION.707-1318 | AIR | 560P | | | | 65 | 2362 | 56812000 |
| RECEIVER.GLIDE-SLOPE | NAVIGATION.707-1318 | AIR | 610P | | | | 66 | 2362 | 56814000 |
| RECEIVER.GLIDE-SLOPE | NAVIGATION.727 | AIR | 610P | | | | 65 | 2365 | 56816000 |
| RECEIVER.GLIDE-SLOPE | NAVIGATION.880 | AIR | 630P | | | | 65 | 2360 | 56818000 |
| RECEIVER.GLIDE-SLOPE | NAVIGATION.707-131 | AIR | 690P | | | | 66 | 2362 | 56820000 |
| RECEIVER.GLIDE-SLOPE | NAVIGATION.707-3318 | AIR | 710P | | | | 66 | 2362 | 56822000 |
| RECEIVER.GLIDE-SLOPE | NAVIGATION.331C/373C | AIR | 720P | | | | 66 | 2360 | 56824000 |
| RECEIVER.GLIDE-SLOPE | NAVIGATION.707-1318 | AIR | 740P | | | | 66 | 2362 | 56826000 |
| RECEIVER.GLIDE-SLOPE | NAVIGATION.707-331 | AIR | 770P | | | | 66 | 2362 | 56828000 |
| RECEIVER.GLIDE-SLOPE | NAVIGATION.727 | AIR | 820P | | | | 65 | 2360 | 56830000 |
| RECEIVER.GLIDE-SLOPE | NAVIGATION.727 | AIR | 840P | | | | 66 | 2360 | 56832000 |
| RECEIVER.GLIDE-SLOPE | NAVIGATION.880 | AIR | 880P | | | | 65 | 2365 | 56834000 |
| RECEIVER.GLIDE-SLOPE | NAVIGATION.880 | AIR | 940P | | | | 66 | 2360 | 56836000 |
| RECEIVER.GLIDE-SLOPE | NAVIGATION.727 | AIR | 1010P | | | | 64 | 2365 | 56838000 |
| RECEIVER.GLIDE-SLOPE | NAVIGATION.331C/373C | AIR | 1140P | | | | 65 | 2360 | 56840000 |
| RECEIVER.GLIDE-SLOPE | NAVIGATION.707-331 | AIR | 1370P | | | | 65 | 2362 | 56842000 |
| RECEIVER.GLIDE-SLOPE | NAVIGATION.707-131 | AIR | 1440P | | | | 65 | 2362 | 56844000 |
| RECEIVER.GLIDE-SLOPE | NAVIGATION.707-331 | AIR | 1690P | | | | 66 | 2362 | 56846000 |
| RECEIVER.GLIDE-SLOPE | NAVIGATION.707-3318 | AIR | 1840P | | | | 65 | 2362 | 56848000 |
| RECEIVER.HF | COMMUNICATIONS.331C/373C | AIR | 500P | | | | 66 | 2365 | 56850000 |
| RECEIVER.HF | COMMUNICATIONS.331C/373C | AIR | 760P | | | | 66 | 2365 | 56852000 |
| RECEIVER.HF | COMMUNICATIONS.707-3318 | AIR | 790P | | | | 65 | 2362 | 56854000 |
| RECEIVER.HF | COMMUNICATIONS.707-331 | AIR | 850P | | | | 65 | 2362 | 56856000 |
| RECEIVER.HF | COMMUNICATIONS.707-3318 | AIR | 970P | | | | 66 | 2362 | 56858000 |
| RECEIVER.HF | COMMUNICATIONS.331C/373C | AIR | 980P | | | | 65 | 2365 | 56860000 |
| RECEIVER.HF | COMMUNICATIONS.707-331 | AIR | 1350P | | | | 66 | 2362 | 56862000 |
| RECEIVER.HF | COMMUNICATIONS.707-3318 | AIR | 1420P | | | | 66 | 2362 | 56864000 |
| RECEIVER.HF | COMMUNICATIONS.331C/373C | AIR | 1630P | | | | 65 | 2360 | 56866000 |
| RECEIVER.HF | COMMUNICATIONS.331C/373C | AIR | 1680P | | | | 66 | 2360 | 56868000 |
| RECEIVER.HF | COMMUNICATIONS.707-331 | AIR | 1700P | | | | 66 | 2362 | 56870000 |
| RECEIVER.HF | COMMUNICATIONS.331C/373C | AIR | 2500P | | | | 66 | 2360 | 56872000 |
| RECEIVER.LORAN | NAVIGATION.331C/373C | AIR | 500P | | | | 66 | 2360 | 56874000 |
| RECEIVER.LORAN | NAVIGATION.331C/373C | AIR | 1000P | | | | 66 | 2365 | 56876000 |
| RECEIVER.LORAN | NAVIGATION.331C/373C | AIR | 1520P | | | | 66 | 2365 | 56878000 |
| RECEIVER.LORAN | NAVIGATION.707-3318 | AIR | 1580P | | | | 65 | 2362 | 56880000 |
| RECEIVER.LORAN | NAVIGATION.707-3318 | AIR | 1700P | | | | 66 | 2362 | 56882000 |
| RECEIVER.LORAN | NAVIGATION.707-331 | AIR | 1710P | | | | 65 | 2362 | 56884000 |

PART CLASS 617 TRANSCEIVERS

| PART DESCRIPTION .00 M.B.L. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| RECEIVER.LORAN | NAVIGATION.331C/373C | AIR | 1860P | | | | 65 | 2360 | 56886000 |
| RECEIVER.LORAN | NAVIGATION.707-331 | AIR | 2030P | | | | 66 | 2362 | 56888000 |
| RECEIVER.LORAN | NAVIGATION.707-331 | AIR | 2170P | | | | 66 | 2362 | 56890000 |
| RECEIVER.LORAN | NAVIGATION.707-331B | AIR | 2430P | | | | 66 | 2362 | 56892000 |
| RECEIVER.LORAN | NAVIGATION.331C/373C | AIR | 2440P | | | | 65 | 2365 | 56894000 |
| RECEIVER.LORAN | NAVIGATION.331C/373C | AIR | 2880P | | | | 66 | 2360 | 56896000 |
| RECEIVER.MARKER | NAVIGATION.707-131B | AIR | 130P | | | | 66 | 2360 | 56898000 |
| RECEIVER.MARKER | NAVIGATION.880 | AIR | 140P | | | | 66 | 2360 | 56900000 |
| RECEIVER.MARKER | NAVIGATION.880 | AIR | 150P | | | | 66 | 2360 | 56902000 |
| RECEIVER.MARKER | NAVIGATION.707-131B | AIR | 150P | | | | 66 | 2362 | 56904000 |
| RECEIVER.MARKER | NAVIGATION.707-131B | AIR | 150P | | | | 66 | 2362 | 56906000 |
| RECEIVER.MARKER | NAVIGATION.880 | AIR | 160P | | | | 66 | 2365 | 56908000 |
| RECEIVER.MARKER | NAVIGATION.727 | AIR | 200P | | | | 66 | 2365 | 56910000 |
| RECEIVER.MARKER | NAVIGATION.707-331B | AIR | 280P | | | | 66 | 2362 | 56912000 |
| RECEIVER.MARKER | NAVIGATION.880 | AIR | 290P | | | | 66 | 2360 | 56914000 |
| RECEIVER.MARKER | NAVIGATION.880 | AIR | 300P | | | | 66 | 2360 | 56916000 |
| RECEIVER.MARKER | NAVIGATION.707-131 | AIR | 300P | | | | 65 | 2362 | 56918000 |
| RECEIVER.MARKER | NAVIGATION.727 | AIR | 300P | | | | 65 | 2365 | 56920000 |
| RECEIVER.MARKER | NAVIGATION.880 | AIR | 300P | | | | 66 | 2365 | 56922000 |
| RECEIVER.MARKER | NAVIGATION.707-331 | AIR | 310P | | | | 66 | 2362 | 56924000 |
| RECEIVER.MARKER | NAVIGATION.880 | AIR | 320P | | | | 65 | 2360 | 56926000 |
| RECEIVER.MARKER | NAVIGATION.880 | AIR | 320P | | | | 65 | 2365 | 56928000 |
| RECEIVER.MARKER | NAVIGATION.727 | AIR | 370P | | | | 66 | 2360 | 56930000 |
| RECEIVER.MARKER | NAVIGATION.727 | AIR | 370P | | | | 66 | 2360 | 56932000 |
| RECEIVER.MARKER | NAVIGATION.707-131B | AIR | 400P | | | | 66 | 2362 | 56934000 |
| RECEIVER.MARKER | NAVIGATION.727 | AIR | 430P | | | | 66 | 2363 | 56936000 |
| RECEIVER.MARKER | NAVIGATION.331C/373C | AIR | 460P | | | | 65 | 2360 | 56938000 |
| RECEIVER.MARKER | NAVIGATION.880 | AIR | 470P | | | | 66 | 2365 | 56940000 |
| RECEIVER.MARKER | NAVIGATION.331C/373C | AIR | 500P | | | | 66 | 2360 | 56942000 |
| RECEIVER.MARKER | NAVIGATION.727 | AIR | 550P | | | | 65 | 2360 | 56944000 |
| RECEIVER.MARKER | NAVIGATION.727 | AIR | 610P | | | | 66 | 2365 | 56946000 |
| RECEIVER.MARKER | NAVIGATION.880 | AIR | 630P | | | | 65 | 2360 | 56948000 |
| RECEIVER.MARKER | NAVIGATION.727 | AIR | 640P | | | | 66 | 2365 | 56950000 |
| RECEIVER.MARKER | NAVIGATION.727 | AIR | 1120P | | | | 66 | 2360 | 56952000 |
| RECEIVER.UNIT | RADIO.NAVIGATION | AIR | 440 | | | | 66 | 2360 | 56954000 |
| RECEIVER.VHF | COMMUNICATIONS.707-131B | AIR | 70P | | | | 66 | 2362 | 56956000 |
| RECEIVER.VHF | COMMUNICATIONS.331C/373C | AIR | 480P | | | | 66 | 2360 | 56958000 |
| RECEIVER.VHF | COMMUNICATIONS.331C/373C | AIR | 510P | | | | 66 | 2365 | 56960000 |
| RECEIVER.VHF | COMMUNICATIONS.331C/373C | AIR | 1000P | | | | 66 | 2365 | 56962000 |
| RECEIVER.VHF | COMMUNICATIONS.331C/373C | AIR | 1000P | | | | 66 | 2360 | 56964000 |
| RECEIVER.VHF | COMMUNICATIONS 707-331 | AIR | 1010P | | | | 66 | 2362 | 56966000 |
| RECEIVER.VHF | COMMUNICATIONS.707-331B | AIR | 1050P | | | | 65 | 2362 | 56968000 |
| RECEIVER.VHF | COMMUNICATIONS.331C/373C | AIR | 1160P | | | | 65 | 2360 | 56970000 |
| RECEIVER.VHF | COMMUNICATIONS.707-331 | AIR | 1240P | | | | 66 | 2362 | 56972000 |
| RECEIVER.VHF | COMMUNICATIONS.331C/373C | AIR | 1710P | | | | 65 | 2365 | 56974000 |

PART CLASS 817 TRANSCEIVERS

| PART DESCRIPTION .00 N.E.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| RECEIVER.VHF | COMMUNICATIONS.707-1318 | AIR | 1770P | | | | 66 | 2362 | 56976000 |
| RECEIVER.VHF | COMMUNICATIONS.880 | AIR | 1890P | | | | 66 | 2365 | 56978000 |
| RECEIVER.VHF | COMMUNICATIONS.707-331 | AIR | 2220P | | | | 65 | 2362 | 56980000 |
| RECEIVER.VHF | COMMUNICATIONS.707-131 | AIR | 2230P | | | | 66 | 2362 | 56982000 |
| RECEIVER.VHF | COMMUNICATIONS.707-3318 | AIR | 2270P | | | | 66 | 2362 | 56984000 |
| RECEIVER.VHF | COMMUNICATIONS.707-1318 | AIR | 2400P | | | | 65 | 2362 | 56986000 |
| RECEIVER.VHF | COMMUNICATIONS.880 | AIR | 2430P | | | | 66 | 2362 | 56988000 |
| RECEIVER.VHF | COMMUNICATIONS.880 | AIR | 2460P | | | | 65 | 2360 | 56990000 |
| RECEIVER.VHF | COMMUNICATIONS.880 | AIR | 2570P | | | | 65 | 2360 | 56992000 |
| RECEIVER.VHF | COMMUNICATIONS.707-3318 | AIR | 2610P | | | | 66 | 2365 | 56994000 |
| RECEIVER.VHF | COMMUNICATIONS.880 | AIR | 2910P | | | | 66 | 2362 | 56996000 |
| RECEIVER.VHF | COMMUNICATIONS.880 | AIR | 3290P | | | | 65 | 2365 | 56998000 |
| RECEIVER.VHF | COMMUNICATIONS.707-131 | AIR | 3330P | | | | 66 | 2360 | 57000000 |
| RECEIVER.VHF | COMMUNICATIONS.707-131 | AIR | 3770P | | | | 66 | 2362 | 57002000 |
| RECEIVER.VOR | NAVIGATION.331C/373C | AIR | 3780P | | | | 65 | 2362 | 57004000 |
| RECEIVER.VOR | NAVIGATION.331C/373C | AIR | 270P | | | | 66 | 2363 | 57006000 |
| RECEIVER.VOR | NAVIGATION.331C/373C | AIR | 460P | | | | 65 | 2360 | 57008000 |
| RECEIVER.VOR | NAVIGATION.707-3318 | AIR | 760P | | | | 66 | 2365 | 57010000 |
| RECEIVER.VOR | NAVIGATION.707-131 | AIR | 1030P | | | | 65 | 2362 | 57012000 |
| RECEIVER.VOR | NAVIGATION.707-1318 | AIR | 1110P | | | | 66 | 2362 | 57014000 |
| RECEIVER.VOR | NAVIGATION.707-3318 | AIR | 1110P | | | | 66 | 2362 | 57016000 |
| RECEIVER.VOR | NAVIGATION.880 | AIR | 1140P | | | | 66 | 2362 | 57018000 |
| RECEIVER.VOR | NAVIGATION.880 | AIR | 1160P | | | | 66 | 2360 | 57020000 |
| RECEIVER.VOR | NAVIGATION.880 | AIR | 1170P | | | | 66 | 2363 | 57022000 |
| RECEIVER.VOR | NAVIGATION.707-1318 | AIR | 1260P | | | | 66 | 2360 | 57024000 |
| RECEIVER.VOR | NAVIGATION.707-331 | AIR | 1260P | | | | 66 | 2362 | 57026000 |
| RECEIVER.VOR | NAVIGATION.331C/373C | AIR | 1370P | | | | 65 | 2362 | 57028000 |
| RECEIVER.VOR | NAVIGATION.331C/373C | AIR | 1470P | | | | 65 | 2365 | 57030000 |
| RECEIVER.VOR | NAVIGATION.880 | AIR | 1500P | | | | 66 | 2365 | 57032000 |
| RECEIVER.VOR | NAVIGATION.880 | AIR | 1510P | | | | 66 | 2365 | 57034000 |
| RECEIVER.VOR | NAVIGATION.331C/373C | AIR | 1510P | | | | 65 | 2360 | 57036000 |
| RECEIVER.VOR | NAVIGATION.88C | AIR | 1530P | | | | 66 | 2363 | 57038000 |
| RECEIVER.VOR | NAVIGATION.880 | AIR | 1580P | | | | 66 | 2365 | 57040000 |
| RECEIVER.VOR | NAVIGATION.707-331 | AIR | 1850P | | | | 65 | 2365 | 57042000 |
| RECEIVER.VOR | NAVIGATION.331C/373C | AIR | 1860P | | | | 66 | 2362 | 57044000 |
| RECEIVER.VOR | NAVIGATION.880 | AIR | 1970P | | | | 67 | 2363 | 57046000 |
| RECEIVER.VOR | NAVIGATION.880 | AIR | 1970P | | | | 66 | 2363 | 57048000 |
| RECEIVER.VOR | NAVIGATION.707-3318 | AIR | 1980P | | | | 67 | 2363 | 57050000 |
| RECEIVER.VOR | NAVIGATION.707-131 | AIR | 2060P | | | | 66 | 2362 | 57052000 |
| RECEIVER.VOR | NAVIGATION.707-331 | AIR | 2060P | | | | 66 | 2362 | 57054000 |
| RECEIVER.VOR | NAVIGATION.727 | AIR | 2170P | | | | 66 | 2362 | 57056000 |
| RECEIVER.VOR | NAVIGATION.707-131 | AIR | 2210P | | | | 66 | 2360 | 57058000 |
| RECEIVER.VOR | NAVIGATION.727 | AIR | 2270P | | | | 65 | 2362 | 57060000 |
| RECEIVER.VOR | NAVIGATION.331C/373C | AIR | 2360P | | | | 66 | 2360 | 57062000 |
| | | AIR | 2750P | | | | 66 | 2360 | 57064000 |

PART CLASS 817 TRANSCEIVERS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.S.C. | | | | | | | | | |
| RECEIVER.VOR | NAVIGATION.707-131B | AIR | 2800P | | | | 65 | 2362 | 57066000 |
| RECEIVER.VOR | NAVIGATION.331C/373C | AIR | 3130P | | | | 66 | 2360 | 57068000 |
| RECEIVER.VOR | NAVIGATION.727 | AIR | 3300P | | | | 63 | 2360 | 57070000 |
| RECEIVER.VOR | NAVIGATION.727 | AIR | 3940P | | | | 66 | 2365 | 57072000 |
| RECEIVER.VOR | NAVIGATION.727 | AIR | 3960P | | | | 66 | 2365 | 57074000 |
| RECEIVER.VOR | NAVIGATION.727 | AIR | 5030P | | | | 65 | 2365 | 57076000 |
| RECEIVER-ADF | NAVIGATION.727 | AIR | 710P | | | | 66 | 2363 | 57078000 |
| RECEIVER-ADF | NAVIGATION.331C/373C | AIR | 760P | | | | 66 | 2363 | 57080000 |
| RECEIVER-ADF | NAVIGATION.880 | AIR | 840P | | | | 66 | 2363 | 57082000 |
| RECEIVER-ADF | NAVIGATION.727 | AIR | 1020P | | | | 65 | 2363 | 57084000 |
| RECEIVER-ADF | NAVIGATION.880 | AIR | 1080P | | | | 65 | 2363 | 57086000 |
| RECEIVER-ADF | NAVIGATION.331C/373C | AIR | 1120P | | | | 65 | 2363 | 57088000 |
| RECEIVER-ADF | NAVIGATION-707-131B | AIR | 1260P | | | | 65 | 2364 | 57090000 |
| RECEIVER-ADF | NAVIGATION-707-131 | AIR | 1360P | | | | 66 | 2364 | 57092000 |
| RECEIVER-ADF | NAVIGATION.331C/373C | AIR | 1610P | | | | 66 | 2363 | 57094000 |
| RECEIVER-ADF | NAVIGATION-707-331B | AIR | 1690P | | | | 65 | 2364 | 57096000 |
| RECEIVER-ADF | NAVIGATION-707-131B | AIR | 1710P | | | | 66 | 2364 | 57098000 |
| RECEIVER-ADF | NAVIGATION.880 | AIR | 1760P | | | | 66 | 2363 | 57100000 |
| RECEIVER-ADF | NAVIGATION-707-131B | AIR | 1800P | | | | 66 | 2364 | 57102000 |
| RECEIVER-ADF | NAVIGATION-707-331 | AIR | 1850P | | | | 65 | 2364 | 57104000 |
| RECEIVER-ADF | NAVIGATION-707-131 | AIR | 1890P | | | | 66 | 2364 | 57106000 |
| RECEIVER-ADF | NAVIGATION-707-331B | AIR | 2040P | | | | 66 | 2364 | 57108000 |
| RECEIVER-ADF | NAVIGATION.727 | AIR | 2060P | | | | 66 | 2363 | 57110000 |
| RECEIVER-ADF | NAVIGATION-707-331 | AIR | 2190P | | | | 66 | 2364 | 57112000 |
| RECEIVER-ADF | NAVIGATION-707-331B | AIR | 2560P | | | | 66 | 2364 | 57114000 |
| RECEIVER-ADF | NAVIGATION-707-131 | AIR | 2730P | | | | 65 | 2364 | 57116000 |
| RECEIVER-ADF | NAVIGATION-707-331 | AIR | 3200P | | | | 66 | 2364 | 57118000 |
| RECEIVER-GLIDE-SLOPE | NAVIGATION-707-331B | AIR | 100P | | | | 66 | 2364 | 57120000 |
| RECEIVER-GLIDE-SLOPE | NAVIGATION-707-331 | AIR | 160P | | | | 66 | 2364 | 57122000 |
| RECEIVER-GLIDE-SLOPE | NAVIGATION.727 | AIR | 170P | | | | 65 | 2363 | 57124000 |
| RECEIVER-GLIDE-SLOPE | NAVIGATION.331C/373C | AIR | 280P | | | | 65 | 2363 | 57126000 |
| RECEIVER-GLIDE-SLOPE | NAVIGATION-707-331B | AIR | 290P | | | | 66 | 2364 | 57128000 |
| RECEIVER-GLIDE-SLOPE | NAVIGATION.880 | AIR | 420P | | | | 66 | 2363 | 57130000 |
| RECEIVER-GLIDE-SLOPE | NAVIGATION-707-331B | AIR | 420P | | | | 65 | 2364 | 57132000 |
| RECEIVER-GLIDE-SLOPE | NAVIGATION.727 | AIR | 430P | | | | 66 | 2363 | 57134000 |
| RECEIVER-GLIDE-SLOPE | NAVIGATION-707-131 | AIR | 450P | | | | 66 | 2364 | 57136000 |
| RECEIVER-GLIDE-SLOPE | NAVIGATION-707-331 | AIR | 460P | | | | 65 | 2364 | 57138000 |
| RECEIVER-GLIDE-SLOPE | NAVIGATION-707-331 | AIR | 500P | | | | 66 | 2364 | 57140000 |
| RECEIVER-GLIDE-SLOPE | NAVIGATION.331C/373C | AIR | 510P | | | | 66 | 2363 | 57142000 |
| RECEIVER-GLIDE-SLOPE | NAVIGATION.331C/373C | AIR | 540P | | | | 66 | 2363 | 57144000 |
| RECEIVER-GLIDE-SLOPE | NAVIGATION-707-131B | AIR | 720P | | | | 66 | 2364 | 57146000 |
| RECEIVER-GLIDE-SLOPE | NAVIGATION-707-131 | AIR | 820P | | | | 65 | 2364 | 57148000 |
| RECEIVER-GLIDE-SLOPE | NAVIGATION.880 | AIR | 830P | | | | 66 | 2363 | 57150000 |
| RECEIVER-GLIDE-SLOPE | NAVIGATION-707-331B | AIR | 850P | | | | 66 | 2364 | 57152000 |
| RECEIVER-GLIDE-SLOPE | NAVIGATION-707-131B | AIR | 870P | | | | 65 | 2364 | 57154000 |

PART CLASS 817 TRANSCEIVERS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| RECEIVER-GLIDE-SLOPE | NAVIGATION-707-131 | AIR | 910P | | | | 66 | 2364 | 57156000 |
| RECEIVER-GLIDE-SLOPE | NAVIGATION.880 | AIR | 990P | | | | 65 | 2363 | 57158000 |
| RECEIVER-GLIDE-SLOPE | NAVIGATION.727 | AIR | 1060P | | | | 66 | 2363 | 57160000 |
| RECEIVER-GLIDE-SLOPE | NAVIGATION-707-131B | AIR | 1260P | | | | 65 | 2364 | 57162000 |
| RECEIVER-HF | COMMUNICATIONS.331C/373C | AIR | 760P | | | | 66 | 2363 | 57164000 |
| RECEIVER-HF | COMMUNICATIONS.331C/373C | AIR | 1080P | | | | 66 | 2363 | 57166000 |
| RECEIVER-HF | COMMUNICATIONS.331C/373C | AIR | 1410P | | | | 65 | 2363 | 57168000 |
| RECEIVER-LORAN | NAVIGATION-707-331 | AIR | 340P | | | | 66 | 2364 | 57170000 |
| RECEIVER-LORAN | NAVIGATION.331C/373C | AIR | 540P | | | | 66 | 2363 | 57172000 |
| RECEIVER-LORAN | NAVIGATION-707-331B | AIR | 850P | | | | 65 | 2364 | 57174000 |
| RECEIVER-LORAN | NAVIGATION.331C/373C | AIR | 1020P | | | | 66 | 2363 | 57176000 |
| RECEIVER-LORAN | NAVIGATION-707-331B | AIR | 1340P | | | | 66 | 2364 | 57178000 |
| RECEIVER-LORAN | NAVIGATION-707-331 | AIR | 2470P | | | | 65 | 2364 | 57180000 |
| RECEIVER-LORAN | NAVIGATION-707-331 | AIR | 2500P | | | | 66 | 2364 | 57182000 |
| RECEIVER-LORAN | NAVIGATION.331C/373C | AIR | 2810P | | | | 65 | 2363 | 57184000 |
| RECEIVER-LORAN | NAVIGATION-707-331B | AIR | 3890P | | | | 66 | 2364 | 57186000 |
| RECEIVER-MARKER | NAVIGATION-707-131B | AIR | 130P | | | | 66 | 2364 | 57188000 |
| RECEIVER-MARKER | NAVIGATION.880 | AIR | 170P | | | | 66 | 2363 | 57190000 |
| RECEIVER-MARKER | NAVIGATION.880 | AIR | 170P | | | | 66 | 2363 | 57192000 |
| RECEIVER-MARKER | NAVIGATION-707-131 | AIR | 230P | | | | 66 | 2364 | 57194000 |
| RECEIVER-MARKER | NAVIGATION.880 | AIR | 300P | | | | 66 | 2363 | 57196000 |
| RECEIVER-MARKER | NAVIGATION.727 | AIR | 340P | | | | 65 | 2363 | 57198000 |
| RECEIVER-MARKER | NAVIGATION.727 | AIR | 470P | | | | 66 | 2363 | 57200000 |
| RECEIVER-MARKER | NAVIGATION-707-131B | AIR | 530P | | | | 66 | 2364 | 57202000 |
| RECEIVER-MARKER | NAVIGATION.331C/373C | AIR | 560P | | | | 65 | 2363 | 57204000 |
| RECEIVER-MARKER | NAVIGATION-707-331 | AIR | 1010P | | | | 66 | 2364 | 57206000 |
| RECEIVER-VHF | COMMUNICATIONS.331C/373C | AIR | 540P | | | | 66 | 2363 | 57208000 |
| RECEIVER-VHF | COMMUNICATIONS.331C/373C | AIR | 560P | | | | 65 | 2363 | 57210000 |
| RECEIVER-VHF | COMMUNICATIONS.331C/373C | AIR | 1270P | | | | 66 | 2363 | 57212000 |
| RECEIVER-VHF | COMMUNICATIONS.880 | AIR | 2170P | | | | 66 | 2363 | 57214000 |
| RECEIVER-VHF | COMMUNICATIONS.880 | AIR | 3940P | | | | 66 | 2363 | 57216000 |
| RECEIVER-VOR | NAVIGATION-707-331 | AIR | 470P | | | | 66 | 2364 | 57218000 |
| RECEIVER-VOR | NAVIGATION-707-331 | AIR | 1080P | | | | 65 | 2364 | 57220000 |
| RECEIVER-VOR | NAVIGATION-707-331B | AIR | 1620P | | | | 66 | 2364 | 57222000 |
| RECEIVER-VOR | NAVIGATION-707-131B | AIR | 1750P | | | | 65 | 2364 | 57224000 |
| RECEIVER-VOR | NAVIGATION-707-131 | AIR | 1780P | | | | 66 | 2364 | 57226000 |
| RECEIVER-VOR | NAVIGATION-707-131B | AIR | 1840P | | | | 66 | 2364 | 57228000 |
| RECEIVER-VOR | NAVIGATION-707-131B | AIR | 1870P | | | | 66 | 2364 | 57230000 |
| RECEIVER-VOR | NAVIGATION-707-131 | AIR | 2040P | | | | 66 | 2364 | 57232000 |
| RECEIVER-VOR | NAVIGATION-707-331 | AIR | 2190P | | | | 66 | 2364 | 57234000 |
| RECEIVER-VOR | NAVIGATION-707-331B | AIR | 2230P | | | | 66 | 2364 | 57236000 |
| RECEIVER-VOR | NAVIGATION.727 | AIR | 2820P | | | | 66 | 2363 | 57238000 |
| RECEIVER-VOR | NAVIGATION-707-131 | AIR | 2860P | | | | 65 | 2364 | 57240000 |
| RECEIVER-VOR | NAVIGATION-707-331B | AIR | 2960P | | | | 65 | 2364 | 57242000 |
| RECEIVER-VOR | NAVIGATION.727 | AIR | 4580P | | | | 65 | 2363 | 57244000 |

PART CLASS 117 TRANSCEIVERS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .90 N.G.C. | | | | | | | | | |
| RECEIVER-VOR | NAVIGATION.727 | AIR | 5660P | | | | 66 | 2363 | 57246000 |
| RECEIVERS | MARKER-DC-6 | AIR | * | | | | 66 | 2380 | 57248000 |
| RECEIVERS | MARKER | AIR | * | | | | 66 | 2380 | 57250000 |
| RECEIVERS | HF-COMMUNICATIONS.DC-8 | AIR | 290 | | | | 66 | 2380 | 57252000 |
| RECEIVERS | GLIDE-SLOPE.DC-8 | AIR | 440 | | | | 66 | 2380 | 57254000 |
| RECEIVERS | ADF | AIR | 450 | | | | 66 | 2380 | 57256000 |
| RECEIVERS | ADF.DC-8 | AIR | 550 | | | | 66 | 2380 | 57258000 |
| RECEIVERS | RADIO-NAVIGATION.DC-8 | AIR | 1140 | | | | 66 | 2380 | 57260000 |
| RECEIVERS | VHF-COMMUNICATIONS.DC-8 | AIR | 1180 | | | | 66 | 2380 | 57262000 |
| RECEIVERS | LORAN.DC-8 | AIR | 1230 | | | | 66 | 2380 | 57264000 |
| RECEIVERS | RADIO.SET-AN/ARC-1 | LAB | 1861.78 | | | | 65 | 2324 | 57266000 |
| RECEIVERS.ADF | ADF.B-720 | AIR | 930 | | | | 66 | 2380 | 57268000 |
| RECEIVERS.ADF | NAVIGATION.707-1318 | AIR | 1000P | | | | 65 | 2361 | 57270000 |
| RECEIVERS.ADF | NAVIGATION.707-1318 | AIR | 1380P | | | | 66 | 2361 | 57272000 |
| RECEIVERS.ADF | NAVIGATION.707-331 | AIR | 1530P | | | | 66 | 2361 | 57274000 |
| RECEIVERS.ADF | NAVIGATION.707-1318 | AIR | 1610P | | | | 66 | 2361 | 57276000 |
| RECEIVERS.ADF | NAVIGATION.707-3318 | AIR | 1650P | | | | 66 | 236[illegible] | 57278000 |
| RECEIVERS.ADF | NAVIGATION.707-3318 | AIR | 1820P | | | | 66 | 2361 | 57280000 |
| RECEIVERS.ADF | NAVIGATION.707-331 | AIR | 2240P | | | | 66 | 2361 | 57282000 |
| RECEIVERS.ADF | NAVIGATION.707-331 | AIR | 2960P | | | | 65 | 2361 | 57284000 |
| RECEIVERS.ADF | NAVIGATION.707-131 | AIR | 3000 | | | | 66 | 2361 | 57286000 |
| RECEIVERS.ADF | NAVIGATION.707-131 | AIR | 3190P | | | | 66 | 2361 | 57288000 |
| RECEIVERS.ADF | NAVIGATION.707-131 | AIR | 3780P | | | | 65 | 2361 | 57290000 |
| RECEIVERS.ADF | NAVIGATION.707-3318 | AIR | 4230P | | | | 65 | 2361 | 57292000 |
| RECEIVERS.G/S | GLIDE-SLOPE.B-720 | AIR | 180 | | | | 66 | 2380 | 57294000 |
| RECEIVERS.GLIDE-SLOPE | NAVIGATION.707-3318 | AIR | 210P | | | | 66 | 2361 | 57296000 |
| RECEIVERS.GLIDE-SLOPE | NAVIGATION.707-3318 | AIR | 350P | | | | 66 | 2361 | 57298000 |
| RECEIVERS.GLIDE-SLOPE | NAVIGATION.707-131 | AIR | 560P | | | | 66 | 2361 | 57300000 |
| RECEIVERS.GLIDE-SLOPE | NAVIGATION.707-331 | AIR | 660P | | | | 66 | 2361 | 57302000 |
| RECEIVERS.GLIDE-SLOPE | NAVIGATION.707-131 | AIR | 800P | | | | 66 | 2361 | 57304000 |
| RECEIVERS.GLIDE-SLOPE | NAVIGATION.707-331 | AIR | 840P | | | | 66 | 2361 | 57306000 |
| RECEIVERS.GLIDE-SLOPE | NAVIGATION.707-3318 | AIR | 850P | | | | 65 | 2361 | 57308000 |
| RECEIVERS.GLIDE-SLOPE | NAVIGATION.707-1318 | AIR | 860P | | | | 65 | 2361 | 57310000 |
| RECEIVERS.GLIDE-SLOPE | NAVIGATION.707-1318 | AIR | 1010P | | | | 66 | 2361 | 57312000 |
| RECEIVERS.GLIDE-SLOPE | NAVIGATION.707-331 | AIR | 1030P | | | | 65 | 2361 | 57314000 |
| RECEIVERS.GLIDE-SLOPE | NAVIGATION.707-1318 | AIR | 1150P | | | | 66 | 2361 | 57316000 |
| RECEIVERS.GLIDE-SLOPE | NAVIGATION.707-131 | AIR | 1170P | | | | 65 | 2361 | 57318000 |
| RECEIVERS.HF | COMMUNICATIONS.707-331 | AIR | 460P | | | | [illegible] | 2364 | 57320000 |
| RECEIVERS.HF | COMMUNICATIONS.707-3318 | AIR | 1480P | | | | 65 | 2364 | 57322000 |
| RECEIVERS.HF | COMMUNICATIONS.707-331 | AIR | 1510P | | | | 66 | 2361 | 57324000 |
| RECEIVERS.HF | COMMUNICATIONS.707-331 | AIR | 1540P | | | | 65 | 2361 | 57326000 |
| RECEIVERS.HF | COMMUNICATIONS.707-331 | AIR | 1540P | | | | 66 | 2361 | 57328000 |
| RECEIVERS.HF | COMMUNICATIONS.707-3318 | AIR | 1540P | | | | 66 | 2364 | 57330000 |
| RECEIVERS.HF | COMMUNICATIONS.707-3318 | AIR | 1550P | | | | 66 | 2364 | 57332000 |
| RECEIVERS.HF | COMMUNICATIONS.707-3318 | AIR | 1690P | | | | 66 | 2361 | 57334000 |

PART CLASS  BIT TRANSCEIVERS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | TR | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| RECEIVERS.HF | COMMUNICATIONS.707-331 | AIR | 1710P | | | | 66 | 2361 | 57350000 |
| RECEIVERS.HF | COMMUNICATIONS.707-331 | AIR | 1720P | | | | 66 | 2364 | 57350000 |
| RECEIVERS.HF | COMMUNICATIONS.707-331 | AIR | 2250P | | | | 65 | 2361 | 57340000 |
| RECEIVERS.HF | COMMUNICATIONS.707-331 | AIR | 2360P | | | | 66 | 2364 | 57342000 |
| RECEIVERS.HF-COMMUNICATION | HF-COMMUNICATIONS.B-720 | AIR | 550 | | | | 66 | 2320 | 57344000 |
| RECEIVERS.LORAN | LORAN.B-720 | AIR | 550 | | | | 66 | 2380 | 57346000 |
| RECEIVERS.LORAN | NAVIGATION.707-331B | AIR | 1510P | | | | 66 | 2361 | 57348000 |
| RECEIVERS.LORAN | NAVIGATION.707-331B | AIR | 1540P | | | | 66 | 2361 | 57350000 |
| RECEIVERS.LORAN | NAVIGATION.707-331B | AIR | 2710P | | | | 65 | 2361 | 57352000 |
| RECEIVERS.LORAN | NAVIGATION.707-331 | AIR | 2830P | | | | 65 | 2361 | 57354000 |
| RECEIVERS.LORAN | NAVIGATION.707-331 | AIR | 5000P | | | | 66 | 2361 | 57356000 |
| RECEIVERS.LORAN | NAVIGATION.707-331 | AIR | 5570P | | | | 66 | 2361 | 57358000 |
| RECEIVERS.MARKER | NAVIGATION.707-131B | AIR | 110P | | | | 66 | 2361 | 57360000 |
| RECEIVERS.MARKER | NAVIGATION.707-131B | AIR | 130P | | | | 65 | 2361 | 57362000 |
| RECEIVERS.MARKER | NAVIGATION.707-331B | AIR | 140P | | | | 66 | 2361 | 57364000 |
| RECEIVERS.MARKER | NAVIGATION.707-131 | AIR | 220P | | | | 66 | 2361 | 57366000 |
| RECEIVERS.MARKER | NAVIGATION.707-131 | AIR | 250P | | | | 66 | 2361 | 57368000 |
| RECEIVERS.MARKER | NAVIGATION.707-131 | AIR | 260P | | | | 65 | 2361 | 57370000 |
| RECEIVERS.MARKER | NAVIGATION.707-331 | AIR | 260P | | | | 66 | 2361 | 57372000 |
| RECEIVERS.MARKER | NAVIGATION.707-331 | AIR | 510P | | | | 65 | 2361 | 57374000 |
| RECEIVERS.VHF | COMMUNICATIONS.707-331B | AIR | 665P | | | | 65 | 2361 | 57376000 |
| RECEIVERS.VHF | COMMUNICATIONS.707-331 | AIR | 790P | | | | 66 | 2364 | 57378000 |
| RECEIVERS.VHF | COMMUNICATIONS.707-331B | AIR | 1370P | | | | 65 | 2364 | 57380000 |
| RECEIVERS.VHF | COMMUNICATIONS.707-131 | AIR | 1450P | | | | 66 | 2364 | 57382000 |
| RECEIVERS.VHF | COMMUNICATIONS.707-131 | AIR | 1470P | | | | 66 | 2364 | 57384000 |
| RECEIVERS.VHF | COMMUNICATIONS.707-131B | AIR | 1610P | | | | 65 | 2364 | 57386000 |
| RECEIVERS.VHF | COMMUNICATIONS.707-331B | AIR | 1710P | | | | 66 | 2364 | 57388000 |
| RECEIVERS.VHF | COMMUNICATIONS.707-331B | AIR | 1720P | | | | 66 | 2361 | 57390000 |
| RECEIVERS.VHF | COMMUNICATIONS.707-331B | AIR | 1750P | | | | 66 | 2364 | 57392000 |
| RECEIVERS.VHF | COMMUNICATIONS.707-131B | AIR | 1970P | | | | 66 | 2361 | 57394000 |
| RECEIVERS.VHF | COMMUNICATIONS.707-131B | AIR | 2030P | | | | 66 | 2364 | 57396000 |
| RECEIVERS.VHF | COMMUNICATIONS.707-131B | AIR | 2010P | | | | 66 | 2361 | 57398000 |
| RECEIVERS.VHF | COMMUNICATIONS.707-331 | AIR | 2040P | | | | 65 | 2361 | 57400000 |
| RECEIVERS.VHF | COMMUNICATIONS.707-131B | AIR | 2100P | | | | 66 | 2364 | 57402000 |
| RECEIVERS.VHF | COMMUNICATIONS.707-331B | AIR | 2170P | | | | 66 | 2361 | 57404000 |
| RECEIVERS.VHF | COMMUNICATIONS.707-331 | AIR | 2310P | | | | 65 | 2364 | 57406000 |
| RECEIVERS.VHF | COMMUNICATIONS.707-131B | AIR | 2440P | | | | 65 | 2361 | 57408000 |
| RECEIVERS.VHF | COMMUNICATIONS.707-331 | AIR | 2520P | | | | 66 | 2364 | 57410000 |
| RECEIVERS.VHF | COMMUNICATIONS.707-331 | AIR | 3040P | | | | 66 | 2361 | 57412000 |
| RECEIVERS.VHF | COMMUNICATIONS.707-131 | AIR | 3130P | | | | 65 | 2361 | 57414000 |
| RECEIVERS.VHF | COMMUNICATIONS.707-331 | AIR | 3690P | | | | 66 | 2361 | 57416000 |
| RECEIVERS.VHF | COMMUNICATIONS.707-131 | AIR | 3700P | | | | 66 | 2361 | 57418000 |
| RECEIVERS.VHF | COMMUNICATIONS.707-131 | AIR | 3810P | | | | 66 | 2361 | 57420000 |
| RECEIVERS.VHF | COMMUNICATIONS.707-131 | AIR | 4620P | | | | 65 | 2364 | 57422000 |
| RECEIVERS.VHF-COMMUNICATION | VHF-COMMUNICATIONS.B-720 | AIR | 850 | | | | 66 | 2380 | 57424000 |

PART CLASS ...T TRANSCEIVER

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| ... N.O.C. | | | | | | | | | |
| RECEIVER,VOR | RADIO-NAVIGATION,B-720 | AIR | 75C | | | | 66 | 2380 | 5742CCC |
| RECEIVER,VOR | NAVIGATION,727-131 | AIR | 111CP | | | | 66 | 2361 | 5743CCC |
| RECEIVER,VOR | NAVIGATION,727-131 | AIR | 129CP | | | | 65 | 2361 | 5743CCC |
| RECEIVER,VOR | NAVIGATION,727-131 | AIR | 14.CP | | | | 66 | 2361 | 5743CCC |
| RECEIVER,VOR | NAVIGATION,727-131B | AIR | 133CP | | | | 66 | 2361 | 5743CCC |
| RECEIVER,VOR | NAVIGATION,727-131B | AIR | 15.CP | | | | 65 | 2361 | 5743CCC |
| RECEIVER,VOR | NAVIGATION,727-131B | AIR | 1.5CP | | | | 66 | 2361 | 5743CCC |
| RECEIVER,VOR | NAVIGATION,727-131B | AIR | 179CP | | | | 65 | 2361 | 5744CCC |
| RECEIVER,VOR | NAVIGATION,727-131B | AIR | 193CP | | | | 66 | 2361 | 5744CCC |
| RECEIVER,VOR | NAVIGATION,727-131 | AIR | 194CP | | | | 66 | 2361 | 5744CCC |
| RECEIVER,VOR | NAVIGATION,727-131 | AIR | 19C.P | | | | 65 | 2361 | 5744CCC |
| RECEIVER,VOR | NAVIGATION,727-131B | AIR | 2C1CP | | | | 66 | 2361 | 5744CCC |
| RECEIVER,VOR | NAVIGATION,727-131 | AIR | 223CP | | | | 66 | 2361 | 5745CCC |
| RECEIVER,VOR/LOC | RADIO,NAVIGATION | AIR | 17 | | | | 66 | 2380 | 5743CCC |
| TRANSMITTER, | FLIGHT-CONTROLS,707-131B | AIR | 141P | | | | 66 | 2361 | 5754CCC |
| TRANSMITTER, ENGINE-OIL-PRESSURE | OIL,PR | AIR | 25CP | | | | 66 | 2360 | 5754CCC |
| TRANSMITTER, ENGINE-OIL-PRESSURE | OIL,PR | AIR | 34CP | | | | 66 | 2360 | 5745CCC |
| TRANSMITTER, ENGINE-OIL-PRESSURE | OIL,PR | AIR | 52CP | | | | 65 | 2360 | 5746CCC |
| TRANSMITTER, FLAP-POSITION-LHOB-LHIB | FLIGHT-CONTROLS,707-131 | AIR | 11CP | | | | 66 | 2361 | 5746CCC |
| TRANSMITTER, FLAP-POSITION-LHOB-LHIB | FLIGHT-CONTROLS,727-141 | AIR | 14CP | | | | 66 | 2361 | 5746CCC |
| TRANSMITTER, FLAP-POSITION-LHOB-LHIB | FLIGHT-CONTROLS,707-131B | AIR | 14CP | | | | 66 | 2361 | 5746CCC |
| TRANSMITTER, FLAP-POSITION-LHOB-LHIB | FLIGHT-CONTROLS,727-131 | AIR | 39CP | | | | 65 | 2361 | 5746CCC |
| TRANSMITTER, FLAP-POSITION-RHOB-LHIB | FLIGHT-CONTROLS,707-131 | AIR | 11CP | | | | 66 | 2361 | 5747CCC |
| TRANSMITTER, FLAP-POSITION-RHOB-LHIB | FLIGHT-CONTROLS,707-131B | AIR | 12CP | | | | 66 | 2361 | 5747CCC |
| TRANSMITTER, FLAP-POSITION-RHOB-LHIB | FLIGHT-CONTROLS,707-331 | AIR | 13CP | | | | 65 | 2361 | 5747CCC |
| TRANSMITTER, FLAP-POSITION-RHOB-LHIB | FLIGHT-CONTROLS,707-331 | AIR | 14CP | | | | 66 | 2361 | 5747CCC |
| TRANSMITTER, FLAP-POSITION-RHOB-LHIB | FLIGHT-CONTROLS,707-131 | AIR | 39CP | | | | 65 | 2361 | 5747CCC |
| TRANSMITTER, HI-LO-PRESSURE-AIR-DUCTS | AIR-CONDITIONING,707-331B | AIR | 24CP | | | | 66 | 2362 | 5748CCC |
| TRANSMITTER, HYDRAULIC-PRESSURE | HYDRAULIC-POWER,727 | AIR | 5CP | | | | 66 | 2360 | 5748CCC |
| TRANSMITTER, HYDRAULIC-PRESSURE | HYDRAULIC-POWER,727 | AIR | 9CP | | | | 66 | 2360 | 5748CCC |

PART CLASS 817 TRANSCEIVERS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.E.C. | | | | | | | | | |
| TRANSMITTER. HYDRAULIC-PRESSURE | HYDRAULIC-POWER.707-331 | AIR | 90P | | | | 65 | 2362 | 57486000 |
| TRANSMITTER. HYDRAULIC-PRESSURE | HYDRAULIC-POWER.727 | AIR | 140P | | | | 65 | 2360 | 57488000 |
| TRANSMITTER. HYDRAULIC-PRESSURE | HYDRAULIC-POWER.707-131B | AIR | 160P | | | | 65 | 2362 | 57490000 |
| TRANSMITTER. HYDRAULIC-PRESSURE | HYDRAULIC-POWER.331C/373C | AIR | 240P | | | | 66 | 2360 | 57492000 |
| TRANSMITTER. HYDRAULIC-PRESSURE | HYDRAULIC-POWER.707-121 | AIR | 340P | | | | 66 | 2362 | 57494000 |
| TRANSMITTER. HYDRAULIC-PRESSURE | HYDRAULIC-POWER.707-331B | AIR | 360P | | | | 66 | 2362 | 57496000 |
| TRANSMITTER. HYDRAULIC-PRESSURE | HYDRAULIC-POWER.707-331B | AIR | 360P | | | | 66 | 2362 | 57498000 |
| TRANSMITTER. HYDRAULIC-PRESSURE | HYDRAULIC-POWER.707-331 | AIR | 420P | | | | 66 | 2362 | 57500000 |
| TRANSMITTER. HYDRAULIC-PRESSURE | HYDRAULIC-POWER.707-331 | AIR | 540P | | | | 66 | 2362 | 57502000 |
| TRANSMITTER. HYDRAULIC-PRESSURE | HYDRAULIC-POWER.707-131 | AIR | 600P | | | | 65 | 2362 | 57504000 |
| TRANSMITTER. HYDRAULIC-PRESSURE | HYDRAULIC-POWER.707-331B | AIR | 660P | | | | 65 | 2362 | 57506000 |
| TRANSMITTER. SURFACE-POSITION | AUTO-PILOT.E8C | AIR | 240P | | | | 65 | 2365 | 57508000 |
| TRANSMITTER.AC-PACK. DUCT-PRESSURE | AIR-CONDITIONING.727 | AIR | 70P | | | | 65 | 2360 | 57510000 |
| TRANSMITTER.ANGLE-OF-ATTACK | | AIR | 2168.42 | 2375.14 | | .095 | 63 | 2130 | 57512000 |
| TRANSMITTER.CABIN-ALT-PR | | AIR | 200P | | | | 65 | 2330 | 57514000 |
| TRANSMITTER.COMPASS | | AIR | 189.473 | 260.592 | | .095 | 63 | 2125 | 57516000 |
| TRANSMITTER.COMPASS | | AIR | 821.052 | 953.51 | | .095 | 63 | 2130 | 57518000 |
| TRANSMITTER.ENGINE-OIL.PRESSURE | OIL.E8C | AIR | 300P | | | | 66 | 2365 | 57520000 |
| TRANSMITTER.ENGINE-OIL-PRESSURE | OIL.707-131B | AIR | 40P | | | | 66 | 2362 | 57522000 |
| TRANSMITTER.ENGINE-OIL-PRESSURE | OIL.707-131B | AIR | 80P | | | | 65 | 2362 | 57524000 |
| TRANSMITTER.ENGINE-OIL-PRESSURE | OIL.E8C | AIR | 280P | | | | 65 | 2365 | 57526000 |
| TRANSMITTER.ENGINE-OIL-PRESSURE | OIL.E8C | AIR | 320P | | | | 66 | 2365 | 57528000 |
| TRANSMITTER.ENGINE-OIL-PRESS | OIL.E8C | AIR | 90P | | | | 65 | 2363 | 57530000 |
| TRANSMITTER.ENGINE-OIL-PRESS | OIL.E8C | AIR | 400P | | | | 66 | 2363 | 57532000 |
| TRANSMITTER.ENGINE-OIL-PRESS | OIL.E8C | AIR | 420P | | | | 66 | 2363 | 57534000 |

PART CLASS RELAYS, TRANSCEIVERS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .06 N.O.C. | | | | | | | | | |
| TRANSMITTER.FLAP-POSITION | FLIGHT-CONTROLS.707-131B | AIR | 30P | | | | 65 | 2361 | 57546000 |
| TRANSMITTER.FLAP-POSITION | FLIGHT-CONTROLS.707-131B | AIR | 30P | | | | 66 | 2364 | 57538000 |
| TRANSMITTER.FLAP-POSITION | FLIGHT-CONTROLS.707-131B | AIR | 30P | | | | 66 | 2364 | 57540000 |
| TRANSMITTER.FLAP-POSITION | FLIGHT-CONTROLS.707-131 | AIR | 80P | | | | 66 | 2364 | 57542000 |
| TRANSMITTER.FLAP-POSITION | FLIGHT-CONTROLS.707-131 | AIR | 80P | | | | 66 | 2361 | 57544000 |
| TRANSMITTER.FLAP-POSITION | FLIGHT-CONTROLS.727 | AIR | 80P | | | | 66 | 2360 | 57546000 |
| TRANSMITTER.FLAP-POSITION | FLIGHT-CONTROLS.707-131 | AIR | 80P | | | | 66 | 2362 | 57548000 |
| TRANSMITTER.FLAP-POSITION | FLIGHT-CONTROLS.707-331 | AIR | 80P | | | | 66 | 2362 | 57550000 |
| TRANSMITTER.FLAP-POSITION | FLIGHT-CONTROLS.707-331 | AIR | 80P | | | | 66 | 2364 | 57552000 |
| TRANSMITTER.FLAP-POSITION | FLIGHT-CONTROLS.727 | AIR | 90P | | | | 65 | 2360 | 57554000 |
| TRANSMITTER.FLAP-POSITION | FLIGHT-CONTROLS.707-331B | AIR | 140P | | | | 66 | 2362 | 57556000 |
| TRANSMITTER.FLAP-POSITION | FLIGHT-CONTROLS.707-331 | AIR | 150P | | | | 66 | 2362 | 57558000 |
| TRANSMITTER.FLAP-POSITION | FLIGHT-CONTROLS.707-131 | AIR | 170P | | | | 66 | 2364 | 57560000 |
| TRANSMITTER.FLAP-POSITION-LH-OUTBOARD.RH-INBOARD | FLIGHT-CONTROLS.707-331 | AIR | 310P | | | | 66 | 2362 | 57562000 |
| TRANSMITTER.FLAP-POSITION-LHOB-RHIB | FLIGHT-CONTROLS.707-131B | AIR | 70P | | | | 66 | 2364 | 57564000 |
| TRANSMITTER.FLAP-POSITION-LHOB-RHIB | FLIGHT-CONTROLS.707-131B | AIR | 70P | | | | 65 | 2364 | 57566000 |
| TRANSMITTER.FLAP-POSITION-LHOB-RHIB | FLIGHT-CONTROLS.707-331B | AIR | 100P | | | | 66 | 2364 | 57568000 |
| TRANSMITTER.FLAP-POSITION-LHOB-RHIB | FLIGHT-CONTROLS.707-131 | AIR | 110P | | | | 66 | 2364 | 57570000 |
| TRANSMITTER.FLAP-POSITION-LHOB-RHIB | FLIGHT-CONTROLS.707-131 | AIR | 140P | | | | 65 | 2364 | 57572000 |
| TRANSMITTER.FLAP-POSITION-LHOB-RHIB | FLIGHT-CONTROLS.707-331 | AIR | 460P | | | | 65 | 2364 | 57574000 |
| TRANSMITTER.FLAP-POSITION-RH-OUTBOARD.LH-INBOARD | FLIGHT-CONTROLS.707-131B | AIR | 70P | | | | 66 | 2362 | 57576000 |
| TRANSMITTER.FLAP-POSITION-RH-OUTBOARD.LH-INBOARD | FLIGHT-CONTROLS.707-331B | AIR | 120P | | | | 66 | 2362 | 57578000 |
| TRANSMITTER.FLAP-POSITION-RH-OUTBOARD.LH-INBOARD | FLIGHT-CONTROLS.707-331B | AIR | 140P | | | | 66 | 2362 | 57580000 |
| TRANSMITTER.FLAP-POSITION-RH-OUTBOARD.LH-INBOARD | FLIGHT-CONTROLS.707-331 | AIR | 150P | | | | 66 | 2362 | 57582000 |
| TRANSMITTER.FLAP-POSITION-RHOB-LHIB | FLIGHT-CONTROLS.707-131 | AIR | 110P | | | | 66 | 2364 | 57584000 |
| TRANSMITTER.FLAP-POSITION-RHOB-LHIB | FLIGHT-CONTROLS.707-131B | AIR | 130P | | | | 66 | 2364 | 57586000 |
| TRANSMITTER.FLAP-POSITION-RHOB-LHIB | FLIGHT-CONTROLS.707-331 | AIR | 150P | | | | 65 | 2364 | 57588000 |
| TRANSMITTER.FLAP-POSITION-RHOB-LHIB | FLIGHT-CONTROLS.707-331B | AIR | 190P | | | | 66 | 2364 | 57590000 |
| TRANSMITTER.FLAP-POSITION-RHOB-LHIB | FLIGHT-CONTROLS.331C/373C | AIR | 250P | | | | 66 | 2360 | 57592000 |

PART CLASS .117 TRANSCEIVERS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .CC N.C.L. | | | | | | | | | |
| TRANSMITTER.FLAP-POSITION-RHOB-LHIB | FLIGHT-CONTROLS.707-331 | AIR | 470P | | | | 66 | 2364 | 57794000 |
| TRANSMITTER.FUEL-FLOW | ENGINE-FUEL-AND-CONTROL.707-33 | AIR | 80P | | | | 66 | 2362 | 57590000 |
| TRANSMITTER.FUEL-FLOW | ENGINE-FUEL-AND-CONTROL.707-331 | AIR | 80P | | | | 66 | 2362 | 57598000 |
| TRANSMITTER.FUEL-FLOW | ENGINE-FUEL-AND-CONTROL.707-331 | AIR | 80P | | | | 66 | 2362 | 57600000 |
| TRANSMITTER.FUEL-FLOW | ENGINE-FUEL-AND-CONTROL.707-331 | AIR | 90P | | | | 65 | 2362 | 57602000 |
| TRANSMITTER.FUEL-FLOW | ENGINE-FUEL-AND-CONTROL.880 | AIR | 360P | | | | 65 | 2365 | 57624000 |
| TRANSMITTER.FUEL-FLOW | ENGINE-FUEL-AND-CONTROL.880 | AIR | 360P | | | | 66 | 2365 | 57600000 |
| TRANSMITTER.FUEL-FLOW | ENGINE-FUEL-AND-CONTROL.880 | AIR | 450P | | | | 66 | 2365 | 57608000 |
| TRANSMITTER.GYROSYN-COMPASS | NAVIGATION.331C/373C | AIR | 757.894 | .7 | | .095 | 63 | 2130 | 57610000 |
| TRANSMITTER.GYROSYN-COMPASS | NAVIGATION.331C/373C | AIR | 230P | | | | 65 | 2360 | 57612000 |
| TRANSMITTER.GYROSYN-COMPASS | NAVIGATION.727 | AIR | 240P | | | | 66 | 2360 | 57614000 |
| TRANSMITTER.GYROSYN-COMPASS | NAVIGATION.727 | AIR | 270P | | | | 65 | 2360 | 57616000 |
| TRANSMITTER.GYROSYN-COMPASS | NAVIGATION.727 | AIR | 280P | | | | 66 | 2360 | 57618000 |
| TRANSMITTER.GYROSYN-COMPASS | NAVIGATION.727 | AIR | 32 P | | | | 66 | 2365 | 57620000 |
| TRANSMITTER.GYROSYN-COMPASS | NAVIGATION.331C/373C | AIR | | | | | 66 | 2365 | 57622000 |
| TRANSMITTER.GYROSYN-COMPASS | NAVIGATION.727 | AIR | | | | | 66 | 2365 | 57624000 |
| TRANSMITTER.GYROSYN-COMPASS | NAVIGATION.727 | AIR | 360P | | | | 66 | 2360 | 57626000 |
| TRANSMITTER.HF | COMMUNICATIONS.331C/373C | AIR | 1070P | | | | 65 | 2365 | 57628000 |
| TRANSMITTER.HF | COMMUNICATIONS.707-331B | AIR | 250P | | | | 66 | 2365 | 57630000 |
| TRANSMITTER.HF | COMMUNICATIONS.707-331 | AIR | 260P | | | | 65 | 2362 | 57632000 |
| TRANSMITTER.HF | COMMUNICATIONS.707-331 | AIR | 460P | | | | 66 | 2362 | 57634000 |
| TRANSMITTER.HF | COMMUNICATIONS.331C/373C | AIR | 510P | | | | 65 | 2362 | 57636000 |
| TRANSMITTER.HF | COMMUNICATIONS.707-331B | AIR | 510P | | | | 66 | 2365 | 57638000 |
| TRANSMITTER.HF | COMMUNICATIONS.707-331 | AIR | 570P | | | | 66 | 2362 | 57640000 |
| TRANSMITTER.HF | COMMUNICATIONS.331C/373C | AIR | 680P | | | | 66 | 2362 | 57642000 |
| TRANSMITTER.HF | COMMUNICATIONS.331C/373C | AIR | 700P | | | | 65 | 2360 | 57644000 |
| TRANSMITTER.HF | COMMUNICATIONS.331C/373C | AIR | 730P | | | | 65 | 2365 | 57646000 |
| TRANSMITTER.HF | COMMUNICATIONS.331C/373C | AIR | 1200P | | | | 66 | 2360 | 57648000 |
| TRANSMITTER.HF | COMMUNICATIONS.707-331B | AIR | 1250P | | | | 66 | 2360 | 57650000 |
| TRANSMITTER.HYDRAULIC-PRESSURE | HYDRAULIC-POWER.707-131B | AIR | 1460P | | | | 66 | 2362 | 57652000 |
| TRANSMITTER.HYDRAULIC-PRESSURE | HYDRAULIC-POWER.707-131B | AIR | 30P | | | | 66 | 2364 | 57654000 |
| TRANSMITTER.HYDRAULIC-PRESSURE | HYDRAULIC-POWER.707-331 | AIR | 70P | | | | 66 | 2364 | 57656000 |
| TRANSMITTER.HYDRAULIC-PRESSURE | HYDRAULIC-POWER.707-331B | AIR | 80P | | | | 66 | 2364 | 57658000 |
| TRANSMITTER.HYDRAULIC-PRESSURE | HYDRAULIC-POWER.707-131B | AIR | 100P | | | | 65 | 2364 | 57660000 |
| TRANSMITTER.HYDRAULIC-PRESSURE | HYDRAULIC-POWER.707-131 | AIR | 130P | | | | 66 | 2364 | 57662000 |
| TRANSMITTER.HYDRAULIC-PRESSURE | HYDRAULIC-POWER.707-331B | AIR | 190P | | | | 66 | 2364 | 57664000 |
| TRANSMITTER.HYDRAULIC-PRESSURE | HYDRAULIC-POWER.707-331 | AIR | 250P | | | | 66 | 2364 | 57666000 |

PART CLASS ELT TRANSCEIVERS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| TRANSMITTER.HYDRAULIC-PRESSURE | HYDRAULIC-POWER.707-131 | AIR | 340P | | | | 66 | 2364 | 57668000 |
| TRANSMITTER.HYDRAULIC-PRESSURE | HYDRAULIC-POWER.707-331B | AIR | 360P | | | | 66 | 2364 | 57670000 |
| TRANSMITTER.HYDRAULIC-PRESSURE | HYDRAULIC-POWER.707-131 | AIR | 410P | | | | 65 | 2364 | 57672000 |
| TRANSMITTER.HYDRAULIC-PRESSURE | HYDRAULIC-POWER.707-331B | AIR | 630P | | | | 65 | 2364 | 57674000 |
| TRANSMITTER.OIL-PRESSURE | OIL.707-131 | AIR | 230P | | | | 66 | 2362 | 57676000 |
| TRANSMITTER.OIL-PRESSURE | OIL.707-331 | AIR | 250P | | | | 66 | 2362 | 57678000 |
| TRANSMITTER.OIL-PRESSURE | OIL.707-331 | AIR | 260P | | | | 65 | 2362 | 57680000 |
| TRANSMITTER.OIL-PRESSURE | OIL.707-331 | AIR | 390P | | | | 66 | 2362 | 57682000 |
| TRANSMITTER.OIL-PRESSURE | OIL.707-131 | AIR | 430P | | | | 66 | 2362 | 57684000 |
| TRANSMITTER.OIL-PRESSURE | OIL.707-131 | AIR | 680P | | | | 65 | 2362 | 57686000 |
| TRANSMITTER.OIL-PRESSURE | | AIR | 1178.94 | 1334.93 | | .095 | 63 | 2130 | 57688000 |
| TRANSMITTER.OIL-QUANTITY | OIL.707-131 | AIR | 230P | | | | 65 | 2362 | 57690000 |
| TRANSMITTER.OIL-QUANTITY | OIL.707-331 | AIR | 540P | | | | 66 | 2362 | 57692000 |
| TRANSMITTER.OIL-QUANTITY | OIL.707-331 | AIR | 680P | | | | 66 | 2362 | 57694000 |
| TRANSMITTER.OIL-QUANTITY | OIL.707-131 | AIR | 740P | | | | 66 | 2362 | 57696000 |
| TRANSMITTER.OIL-QUANTITY | OIL.707-331 | AIR | 850P | | | | 65 | 2362 | 57698000 |
| TRANSMITTER.OIL-QUANTITY | OIL.707-131 | AIR | 930P | | | | 66 | 2362 | 57700000 |
| TRANSMITTER.OXYGEN-PRESSURE | OXYGEN.707-131 | AIR | 250P | | | | 66 | 2362 | 57702000 |
| TRANSMITTER.POSITION | | AIR | 537.037 | 639.194 | | .108 | 63 | 2102 | 57704000 |
| TRANSMITTER.PRESS-RATIO | ENGINE-INDICATING.880 | AIR | 680P | | | | 66 | 2363 | 57706000 |
| TRANSMITTER.PRESS-RATIO | ENGINE-INDICATING.880 | AIR | 710P | | | | 66 | 2363 | 57708000 |
| TRANSMITTER.PRESS-RATIO | ENGINE-INDICATING.880 | AIR | 770P | | | | 65 | 2363 | 57710000 |
| TRANSMITTER.PRESSURE | HYDRAULIC-POWER.880 | AIR | 200P | | | | 66 | 2360 | 57712000 |
| TRANSMITTER.PRESSURE | HYDRAULIC-POWER.880 | AIR | 340P | | | | 66 | 2360 | 57714000 |
| TRANSMITTER.PRESSURE | HYDRAULIC-POWER.880 | AIR | 420P | | | | 65 | 2360 | 57716000 |
| TRANSMITTER.PRESSURE | | AIR | 1108.02 | 1162.93 | | .648 | 63 | 2102 | 57718000 |
| TRANSMITTER.PRESSURE-RATIO | ENGINE-INDICATING.707-1318 | AIR | 260P | | | | 66 | 2362 | 57720000 |
| TRANSMITTER.PRESSURE-RATIO | ENGINE-INDICATING.707-1318 | AIR | 300P | | | | 66 | 2362 | 57722000 |
| TRANSMITTER.PRESSURE-RATIO | ENGINE-INDICATING.707-331 | AIR | 510P | | | | 66 | 2362 | 57724000 |
| TRANSMITTER.PRESSURE-RATIO | ENGINE-INDICATING.707-331 | AIR | 510P | | | | 65 | 2362 | 57726000 |
| TRANSMITTER.PRESSURE-RATIO | ENGINE-INDICATING.707-131 | AIR | 530P | | | | 65 | 2362 | 57728000 |
| TRANSMITTER.PRESSURE-RATIO | ENGINE-INDICATING.707-1318 | AIR | 560P | | | | 65 | 2362 | 57730000 |
| TRANSMITTER.PRESSURE-RATIO | ENGINE-INDICATING.707-131 | AIR | 560P | | | | 66 | 2362 | 57732000 |
| TRANSMITTER.PRESSURE-RATIO | ENGINE-INDICATING.880 | AIR | 590P | | | | 66 | 2365 | 57734000 |
| TRANSMITTER.PRESSURE-RATIO | ENGINE-INDICATING.707-331 | AIR | 620P | | | | 66 | 2362 | 57736000 |
| TRANSMITTER.PRESSURE-RATIO | ENGINE-INDICATING.707-131 | AIR | 690P | | | | 66 | 2362 | 57738000 |
| TRANSMITTER.PRESSURE-RATIO | ENGINE-INDICATING.880 | AIR | 980P | | | | 66 | 2365 | 57740000 |
| TRANSMITTER.PRESSURE-RATIO | ENGINE-INDICATING.880 | AIR | 1530P | | | | 65 | 2365 | 57742000 |
| TRANSMITTER.STABILIZER-POSITION | FLIGHT-CONTROLS.707-131 | AIR | 90P | | | | 65 | 2364 | 57744000 |
| TRANSMITTER.VHF | COMMUNICATIONS.331C/373C | AIR | 250P | | | | 66 | 2365 | 57746000 |

PART CLASS 817 TRANSCEIVERS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| TRANSMITTER.VHF | COMMUNICATIONS.331C/373C | AIR | 1000P | | | | 66 | 2360 | 57748000 |
| TRANSMITTER.VHF | COMMUNICATIONS.707-338 | AIR | 1090P | | | | 66 | 2362 | 57750000 |
| TRANSMITTER.VHF | COMMUNICATIONS.331C/373C | AIR | 1160P | | | | 65 | 2360 | 57752000 |
| TRANSMITTER.VHF | COMMUNICATIONS.331C/373C | AIR | 1200P | | | | 66 | 2360 | 57754000 |
| TRANSMITTER.VHF | COMMUNICATIONS.707-331 | AIR | 1390P | | | | 66 | 2362 | 57756000 |
| TRANSMITTER.VHF | COMMUNICATIONS.880 | AIR | 1420P | | | | 66 | 2365 | 57758000 |
| TRANSMITTER.VHF | COMMUNICATIONS.707-131 | AIR | 1480P | | | | 66 | 2362 | 57760000 |
| TRANSMITTER.VHF | COMMUNICATIONS.880 | AIR | 1520P | | | | 66 | 2360 | 57762000 |
| TRANSMITTER.VHF | COMMUNICATIONS.707-331 | AIR | 1540P | | | | 65 | 2362 | 57764000 |
| TRANSMITTER.VHF | COMMUNICATIONS.880 | AIR | 1670P | | | | 65 | 2360 | 57766000 |
| TRANSMITTER.VHF | COMMUNICATIONS.880 | AIR | 1740P | | | | 66 | 2365 | 57768000 |
| TRANSMITTER.VHF | COMMUNICATIONS.331C/373C | AIR | 1960P | | | | 65 | 2365 | 57770000 |
| TRANSMITTER.VHF | COMMUNICATIONS.707-338 | AIR | 1990P | | | | 66 | 2362 | 57772000 |
| TRANSMITTER.VHF | COMMUNICATIONS.880 | AIR | 2010P | | | | 65 | 2365 | 57774000 |
| TRANSMITTER.VHF | COMMUNICATIONS.707-1318 | AIR | 2020P | | | | 66 | 2362 | 57776000 |
| TRANSMITTER.VHF | COMMUNICATIONS.880 | AIR | 2040P | | | | 66 | 2360 | 57778000 |
| TRANSMITTER.VHF | COMMUNICATIONS.707-1318 | AIR | 2140P | | | | 66 | 2362 | 57780000 |
| TRANSMITTER.VHF | COMMUNICATIONS.707-331 | AIR | 2200P | | | | 66 | 2362 | 57782000 |
| TRANSMITTER.VHF | COMMUNICATIONS.707-338 | AIR | 2630P | | | | 65 | 2362 | 57784000 |
| TRANSMITTER.VHF | COMMUNICATIONS.707-1318 | AIR | 2640P | | | | 65 | 2362 | 57786000 |
| TRANSMITTER.VHF | COMMUNICATIONS.707-131 | AIR | 3320P | | | | 65 | 2362 | 57788000 |
| TRANSMITTER.VHF | COMMUNICATIONS.707-131 | AIR | 3430P | | | | 66 | 2362 | 57790000 |
| TRANSMITTER-ENGINE-OIL-PRESS | OIL-707-1318 | AIR | 4CP | | | | 65 | 2364 | 57792000 |
| TRANSMITTER-FLAP-POSITION | FLIGHT-CONTROL.727 | AIR | 80P | | | | 66 | 2363 | 57794000 |
| TRANSMITTER-FLAP-POSITION | FLIGHT-CONTROLS.331C/373C | AIR | 130P | | | | 66 | 2365 | 57796000 |
| TRANSMITTER-FLAP-POSITION | FLIGHT-CONTROL.727 | AIR | 140P | | | | 66 | 2361 | 57798000 |
| TRANSMITTER-FLAP-POSITION | FLIGHT-CONTROL.727 | AIR | 220P | | | | 66 | 2363 | 57800000 |
| TRANSMITTER-FLAP-POSITION | FLIGHT-CONTROLS.727 | AIR | 230P | | | | 65 | 2363 | 57802000 |
| TRANSMITTER-FLAP-POSITION-LH-OUTBOARD,RH-INBOARD | FLIGHT-CONTROLS.707-131 | AIR | 310P | | | | 65 | 2365 | 57804000 |
| TRANSMITTER-FUEL-FLOW | ENGINE-FUEL-AND-CONTROL.707-131 | AIR | 40P | | | | 66 | 2364 | 57810000 |
| TRANSMITTER-FUEL-FLOW | ENGINE-FUEL-AND-CONTROL.707-131 | AIR | 70P | | | | 65 | 2364 | 57812000 |
| TRANSMITTER-FUEL-FLOW | ENGINE-FUEL-AND-CONTROL.707-131 | AIR | 80P | | | | 65 | 2364 | 57814000 |
| TRANSMITTER-FUEL-FLOW | ENGINE-FUEL-ANL-CONTROL.880 | AIR | 140P | | | | 65 | 2361 | 57816000 |
| TRANSMITTER-FUEL-FLOW | ENGINE-FUEL-ANL-CONTROL.880 | AIR | 340P | | | | 66 | 2364 | 57818000 |
| TRANSMITTER-FUEL-FLOW | ENGINE-FUEL-ANL-CONTROL.880 | AIR | 380P | | | | 66 | 2365 | 57820000 |
| TRANSMITTER-FUEL-PRESSURE | | AIR | 10P | | | | 65 | 2330 | 57822000 |
| TRANSMITTER-GYROSYN-COMPASS | NAVIGATION.727 | AIR | 34P | | | | 65 | 2361 | 57824000 |
| TRANSMITTER-GYROSYN-COMPASS | NAVIGATION.727 | AIR | 47P | | | | 66 | 2361 | 57826000 |
| TRANSMITTER-HF | COMMUNICATIONS.331C/373C | AIR | 560P | | | | 65 | 2361 | 57828000 |
| TRANSMITTER-HYDRAULIC-QUANTITY-A | HYDRAULIC-POWER.727 | AIR | 10P | | | | 66 | 2365 | 57830000 |

PART CLASS RF TRANSCEIVERS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| ...C N.O.C. | | | | | | | | | |
| TRANSMITTER-HYDRAULIC-OIL-QTY-A | HYDRAULIC-POWER.727 | AIR | 20?P | | | | 66 | 2365 | 57840000 |
| TRANSMITTER-HYDRAULIC-OIL-QTY-B | HYDRAULIC-POWER.727 | AIR | 30?P | | | | 65 | 2365 | 57838000 |
| TRANSMITTER-HYDRAULIC-OIL-QUANTITY-A | HYDRAULIC-POWER.727 | AIR | 240P | | | | 66 | 2363 | 57814000 |
| TRANSMITTER-HYDRAULIC-OIL-QUANTITY-A | HYDRAULIC-POWER.727 | AIR | 340P | | | | 65 | 2363 | 57816000 |
| TRANSMITTER-HYDRAULIC-PRESS | HYDRAULIC-POWER.331C/373C | AIR | 130P | | | | 66 | 2363 | 57838000 |
| TRANSMITTER-HYDRAULIC-PRESS | HYDRAULIC-POWER.727 | AIR | 15 P | | | | 65 | 2365 | 57840000 |
| TRANSMITTER-HYDRAULIC-PRESS | HYDRAULIC-POWER.727 | AIR | 150P | | | | 66 | 2365 | 57842000 |
| TRANSMITTER-HYDRAULIC-PRESS | HYDRAULIC-POWER.727 | AIR | 140P | | | | 66 | 2363 | 57844000 |
| TRANSMITTER-HYDRAULIC-PRESS | HYDRAULIC-POWER.331C/373C | AIR | 250P | | | | 66 | 2365 | 57846000 |
| TRANSMITTER-HYDRAULIC-PRESS | HYDRAULIC-POWER.331C/373C | AIR | 240P | | | | 65 | 2363 | 57848000 |
| TRANSMITTER-OIL-PRESS | OIL-727-331 | AIR | 140P | | | | 66 | 2364 | 57850000 |
| TRANSMITTER-OIL-PRESS | OIL-727-331 | AIR | 360P | | | | 66 | 2364 | 57852000 |
| TRANSMITTER-OIL-PRESS | OIL-727-331 | AIR | 350P | | | | 65 | 2364 | 57854000 |
| TRANSMITTER-OIL-PRESS | OIL-727-331 | AIR | 490P | | | | 66 | 2364 | 57856000 |
| TRANSMITTER-OIL-PRESS | OIL-727-331 | AIR | 390P | | | | 66 | 2364 | 57858000 |
| TRANSMITTER-OIL-PRESS | OIL-727-331 | AIR | 4 P | | | | 66 | 2364 | 57860000 |
| TRANSMITTER-OIL-QUANTITY | OIL-727-331 | AIR | 280P | | | | 66 | 2364 | 57862000 |
| TRANSMITTER-OIL-QUANTITY | OIL-727-331 | AIR | 310P | | | | 65 | 2364 | 57864000 |
| TRANSMITTER-OIL-QUANTITY | OIL-727-331 | AIR | 420P | | | | 66 | 2364 | 57866000 |
| TRANSMITTER-OIL-QUANTITY | OIL-727-331 | AIR | 500P | | | | 66 | 2364 | 57868000 |
| TRANSMITTER-OIL-QUANTITY | OIL-727-331 | AIR | 550P | | | | 65 | 2364 | 57870000 |
| TRANSMITTER-OIL-QUANTITY | OIL-727-331 | AIR | 540P | | | | 66 | 2364 | 57872000 |
| TRANSMITTER-OXYGEN-PRESSURE | OXYGEN-727-331 | AIR | 310P | | | | 65 | 2364 | 57874000 |
| TRANSMITTER-OXYGEN-PRESSURE | OXYGEN-727-331 | AIR | 510P | | | | 66 | 2364 | 57876000 |
| TRANSMITTER-OXYGEN-PRESSURE | OXYGEN-727-1318 | AIR | 420P | | | | 65 | 2364 | 57878000 |
| TRANSMITTER-PRESSURE | HYDRAULIC-POWER.880 | AIR | 11 P | | | | 66 | 2363 | 57880000 |
| TRANSMITTER-PRESSURE | HYDRAULIC-POWER.880 | AIR | 150P | | | | 66 | 2365 | 57882000 |
| TRANSMITTER-PRESSURE | HYDRAULIC-POWER.880 | AIR | 160P | | | | 65 | 2365 | 57884000 |
| TRANSMITTER-PRESSURE | HYDRAULIC-POWER.880 | AIR | 250P | | | | 66 | 2363 | 57886000 |
| TRANSMITTER-PRESSURE | HYDRAULIC-POWER.880 | AIR | 210P | | | | 66 | 2365 | 57888000 |
| TRANSMITTER-PRESSURE | HYDRAULIC-POWER.880 | AIR | 360P | | | | 65 | 2363 | 57890000 |
| TRANSMITTER-PRESSURE-RATIO | ENGINE-INDICATING.727-331 | AIR | 310P | | | | 65 | 2364 | 57892000 |
| TRANSMITTER-PRESSURE-RATIO | ENGINE-INDICATING.727-1318 | AIR | 370P | | | | 66 | 2364 | 57894000 |
| TRANSMITTER-PRESSURE-RATIO | ENGINE-INDICATING.727-1318 | AIR | 430P | | | | 66 | 2364 | 57896000 |
| TRANSMITTER-PRESSURE-RATIO | ENGINE-INDICATING.727-1318 | AIR | 450P | | | | 65 | 2364 | 57898000 |
| TRANSMITTER-PRESSURE-RATIO | ENGINE-INDICATING.727-331 | AIR | 500P | | | | 66 | 2364 | 57900000 |
| TRANSMITTER-PRESSURE-RATIO | ENGINE-INDICATING.727-331 | AIR | 550P | | | | 66 | 2364 | 57902000 |
| TRANSMITTER-PRESSURE-RATIO | ENGINE-INDICATING.727-3318 | AIR | 850P | | | | 66 | 2364 | 57904000 |
| TRANSMITTER-PRESSURE-RATIO | ENGINE-INDICATING.727-3318 | AIR | 890P | | | | 66 | 2364 | 57906000 |
| TRANSMITTER-PRESSURE-RATIO | ENGINE-INDICATING.727-3318 | AIR | 950P | | | | 65 | 2364 | 57908000 |
| TRANSMITTER-TORQUE-PRESSURE | | AIR | 200P | | | | 65 | 2330 | 57910000 |

PART CLASS 817 TRANSCEIVERS

| PART DESCRIPTION .UC N.O.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| TRANSMITTER-VHF | COMMUNICATIONS.331C/373C | AIR | 810P | | | | 66 | 2363 | 57912000 |
| TRANSMITTER-VHF | COMMUNICATIONS.331C/373C | AIR | 840P | | | | 65 | 2363 | 57914000 |
| TRANSMITTER-VHF | COMMUNICATIONS.331C/373C | AIR | 2290P | | | | 66 | 2363 | 57916000 |
| TRANSMITTER-VHF | COMMUNICATIONS.880 | AIR | 2420P | | | | 66 | 2363 | 57919000 |
| TRANSMITTER-VHF | COMMUNICATIONS.880 | AIR | 2430P | | | | 65 | 2363 | 57920000 |
| TRANSMITTER-VHF | COMMUNICATIONS.880 | AIR | 2180P | | | | 66 | 2363 | 57922000 |
| TRANSMITTER/RECEIVER | RADAR | AIR | 1060 | | | | 66 | 2380 | 57924000 |
| TRANSMITTER/RECEIVER | RADAR | AIR | 3980 | | | | 66 | 2360 | 57926000 |
| TRANSMITTERS | COMPENSATORS.MACH-TRIM.AUTO-PILOT | AIR | 0 | 55.9834 | 76 | .04113 | 66 | 1250 | 57928000A |
| TRANSMITTERS | VHF-COMMUNICATIONS.DC-8 | AIR | 370 | | | | 66 | 2380 | 57930000 |
| TRANSMITTERS | HF-COMMUNICATIONS.DC-8 | AIR | 410 | | | | 66 | 2380 | 57932000 |
| TRANSMITTERS | RADIO.SET-AN/ARC-1 | LAB | 1840.04 | | | | 65 | 2324 | 57934000 |
| TRANSMITTERS. ENGINE-OIL-PRESSURE | OIL.707-131B | AIR | 460P | | | | 65 | 2361 | 57936000 |
| TRANSMITTERS. HF-COMMUNICATION | HF-COMMUNICATIONS.8-720 | AIR | 260 | | | | 66 | 2380 | 57938000 |
| TRANSMITTERS. HYDRAULIC-PRESSURE | HYDRAULIC-POWER.707.131B | AIR | 30P | | | | 66 | 2361 | 57940000 |
| TRANSMITTERS. HYDRAULIC-PRESSURE | HYDRAULIC-POWER.707.131B | AIR | 70P | | | | 65 | 2361 | 57942000 |
| TRANSMITTERS. HYDRAULIC-PRESSURE | HYDRAULIC-POWER.707.131B | AIR | 90P | | | | 66 | 2361 | 57944000 |
| TRANSMITTERS. HYDRAULIC-PRESSURE | HYDRAULIC-POWER.707.131 | AIR | 110P | | | | 66 | 2361 | 57946000 |
| TRANSMITTERS. HYDRAULIC-PRESSURE | HYDRAULIC-POWER.707.131 | AIR | 130P | | | | 65 | 2361 | 57948000 |
| TRANSMITTERS. HYDRAULIC-PRESSURE | HYDRAULIC-POWER.707.331B | AIR | 170P | | | | 65 | 2361 | 57950000 |
| TRANSMITTERS. HYDRAULIC-PRESSURE | HYDRAULIC-POWER.707.331B | AIR | 170P | | | | 66 | 2361 | 57952000 |
| TRANSMITTERS. HYDRAULIC-PRESSURE | HYDRAULIC-POWER.707.331B | AIR | 320P | | | | 66 | 2361 | 57954000 |
| TRANSMITTERS. HYDRAULIC-PRESSURE | HYDRAULIC-POWER.707.331 | AIR | 320P | | | | 65 | 2361 | 57956000 |
| TRANSMITTERS. HYDRAULIC-PRESSURE | HYDRAULIC-POWER.707.131 | AIR | 330P | | | | 66 | 2361 | 57958000 |
| TRANSMITTERS. HYDRAULIC-PRESSURE | HYDRAULIC-POWER.707.331 | AIR | 490P | | | | 66 | 2361 | 57960000 |
| TRANSMITTERS. HYDRAULIC-PRESSURE | HYDRAULIC-POWER.707.331 | AIR | 590P | | | | 66 | 2361 | 57962000 |
| TRANSMITTERS. VHF-COMMUNICATION | VHF-COMMUNICATIONS.8-720 | AIR | 57 | | | | 66 | 2380 | 57964000 |
| TRANSMITTERS.ANGLE-OF-ATTACK | INTEG-INST-SYSTEM | SIM GRD AIR | 31.25 | 121.553 | 139 | .032 | 63 | 1117 | 57966000 |
| TRANSMITTERS.ANGLE-OF-ATTACK | INTEG-INST-SYSTEM | SIM GRD AIR | 50.9164 | 85.6189 | 485 | .13748 | 64 | 1181 | 57968000 |

PART CLASS 817 TRANSCEIVERS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .CC N.O.C. | | | | | | | | | |
| TRANSMITTERS.C-2.REMOTE-COMPASS | NAVIGATION | AIR | 129.747 | 195.779 | 50 | .08478 | 63 | 1198 | 57970000 |
| TRANSMITTERS.COMPASS | COMPENSATORS.MACH-TRIM.AUTO-PILOT | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 57972000 |
| TRANSMITTERS.COMPASS | MA-1.NAVIGATION | AIR | 665.745 | 798.963 | | .07961 | 63 | 1123 | 57974000 |
| TRANSMITTERS.FUEL-FLOW | | AIR | 63.1578 | 110.864 | 248 | .095 | 63 | 1111 | 57976000 |
| TRANSMITTERS.FUEL-FLOW | ENGINE-INSTRUMENTATION | AIR | 64.5161 | 128.928 | 272 | .062 | 63 | 1114 | 57978000 |
| TRANSMITTERS.FUEL-FLOW | ENGINE-FUEL-AND-CONTROL.707-331 | AIR | 70P | | | | 66 | 2361 | 57980000 |
| TRANSMITTERS.FUEL-FLOW | WING-TANK | AIR | 124.448 | 157.083 | | .26517 | 65 | 1188 | 57982000 |
| TRANSMITTERS.FUEL-FLOW | WING-TANK | AIR | 124.448 | 157.083 | | .26517 | 66 | 1241 | 57984000 |
| TRANSMITTERS.FUEL-FLOW | ENGINE-FUEL-AND-CONTROL.707-331 | AIR | 210P | | | | 65 | 2361 | 57986000 |
| TRANSMITTERS.FUEL-FLOW | ENGINE-INSTRUMENTATION | AIR | 214.832 | 245.068 | 400 | .46540 | 65 | 1198 | 57988000 |
| TRANSMITTERS.FUEL-FLOW | TANK.EXTERNAL | AIR | 304.971 | 376.564 | | .13116 | 66 | 1241 | 57990000 |
| TRANSMITTERS.FUEL-FLOW | ENGINE-FUEL-AND-CONTROL.707-331 | AIR | 32P | | | | 65 | 2361 | 57992000 |
| TRANSMITTERS.FUEL-FLOW | ENGINE | AIR | 327.272 | 459.114 | 320 | .055 | 61 | 1080 | 57994000 |
| TRANSMITTERS.FUEL-FLOW | ENGINE | AIR | 333.333 | 505.116 | 64 | .018 | 59 | 1110 | 57996000 |
| TRANSMITTERS.FUEL-FLOW | ENGINE/APU-INSTRUMENTATION | AIR | 364.077 | 454.879 | 192 | .09884 | 65 | 1227 | 57998000 |
| TRANSMITTERS.FUEL-FLOW | TANK.EXTERNAL/WING | AIR | 417.335 | 511.517 | | .13116 | 66 | 1241 | 58000000 |
| TRANSMITTERS.FUEL-FLOW | ENGINE/AUXILIARY-POWER-UNIT-INSTRUMENTATION | AIR | 443.768 | 518.03 | 304 | .1645 | 66 | 1250 | 58002000 |
| TRANSMITTERS.FUEL-FLOW | ENGINE-INSTRUMENTATION | AIR | 565.372 | 616.585 | 200 | .50763 | 65 | 1198 | 58004000 |
| TRANSMITTERS.FUEL-FLOW | ROOM-SYSTEM | AIR | 600 | 1336.16 | 16 | .005 | 59 | 1110 | 58006000 |
| TRANSMITTERS.FUEL-FLOW | ENGINE-INSTRUMENTATION | AIR | 623.229 | 680.633 | 408 | .353 | 63 | 1114 | 58008000 |
| TRANSMITTERS.FUEL-FLOW | ENGINE-INSTRUMENTATION | AIR | 2347.25 | 2457.2 | 200 | .33912 | 63 | 1198 | 58010000 |
| TRANSMITTERS.FUEL-FLOW | ENGINE-INSTRUMENTATION | AIR | 2494.98 | 2616.12 | 200 | .299 | 63 | 1114 | 58012000 |
| TRANSMITTERS.FUEL-FLOW.SYNCHRO | ENGINE | AIR | 238.811 | 282.366 | | .09578 | 66 | 1241 | 58014000 |
| TRANSMITTERS.FUEL-FLOW.METERING.SYNCHRO | | AIR | 918.836 | 1361.52 | 86 | .01306 | 66 | 1240 | 58016000 |
| TRANSMITTERS.HF | COMMUNICATIONS.707-331 | AIR | 130P | | | | 65 | 2361 | 58018000 |
| TRANSMITTERS.HF | COMMUNICATIONS.707-331 | AIR | 350P | | | | 66 | 2361 | 58020000 |
| TRANSMITTERS.HF | COMMUNICATIONS.707-331 | AIR | 480P | | | | 55 | 2364 | 58022000 |
| TRANSMITTERS.HF | COMMUNICATIONS.707-331 | AIR | 500P | | | | 66 | 2361 | 58024000 |
| TRANSMITTERS.HF | COMMUNICATIONS.707-331 | AIR | 630P | | | | 65 | 2364 | 58026000 |
| TRANSMITTERS.HF | COMMUNICATIONS.707-131 | AIR | 670P | | | | 66 | 2364 | 58028000 |
| TRANSMITTERS.HF | COMMUNICATIONS.707-331B | AIR | 83P | | | | 66 | 2361 | 58030000 |
| TRANSMITTERS.HF | COMMUNICATIONS.707-331B | AIR | 840P | | | | 66 | 2361 | 58032000 |
| TRANSMITTERS.HF | COMMUNICATIONS.707-331B | AIR | 1020P | | | | 65 | 2361 | 58034000 |
| TRANSMITTERS.HF | COMMUNICATIONS.707-331 | AIR | 1070P | | | | 66 | 2364 | 58036000 |
| TRANSMITTERS.HF | COMMUNICATIONS.707-131 | AIR | 1100P | | | | 66 | 2364 | 58038000 |
| TRANSMITTERS.HF | COMMUNICATIONS.707-331 | AIR | 1190P | | | | 66 | 2364 | 58040000 |
| TRANSMITTERS.OIL-PRESSURE | OIL.707-131 | AIR | 460P | | | | 65 | 2361 | 58042000 |
| TRANSMITTERS.OIL-PRESSURE | OIL.707-331 | AIR | 490P | | | | 66 | 2361 | 58044000 |
| TRANSMITTERS.OIL-PRESSURE | OIL.707-131 | AIR | 510P | | | | 66 | 2361 | 58046000 |
| TRANSMITTERS.OIL-PRESSURE | OIL.707-331 | AIR | 770P | | | | 65 | 2361 | 58048000 |
| TRANSMITTERS.OIL-PRESSURE | OIL.707-331 | AIR | 790P | | | | 65 | 2361 | 58050000 |

TEXT NOT REPRODUCIBLE

PART CLASS 817 TRANSCEIVERS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| TRANSMITTERS.OIL-QUANTITY | OIL.707-131 | AIR | 220P | | | | 66 | 2361 | 58052000 |
| TRANSMITTERS.OIL-QUANTITY | OIL.707-131B | AIR | 220P | | | | 66 | 2361 | 58054000 |
| TRANSMITTERS.OIL-QUANTITY | OIL.707-131 | AIR | 390P | | | | 65 | 2361 | 58056000 |
| TRANSMITTERS.OIL-QUANTITY | OIL.707-131B | AIR | 510P | | | | 66 | 2361 | 58058000 |
| TRANSMITTERS.OIL-QUANTITY | OIL.707-331 | AIR | 530P | | | | 66 | 2361 | 58060000 |
| TRANSMITTERS.OIL-QUANTITY | OIL.707-331 | AIR | 630P | | | | 66 | 2361 | 58062000 |
| TRANSMITTERS.OIL-QUANTITY | OIL.707-331 | AIR | 640P | | | | 65 | 2361 | 58064000 |
| TRANSMITTERS.POSITION | ELEVATOR-TRIM-TAB | AIR | • | 19.7868 | 100 | .11637 | 65 | 1198 | 58066000 |
| TRANSMITTERS.POSITION | ELEVATOR-TRIM-TAB | AIR | 7.8796 | 30.6492 | 50 | .12691 | 65 | 1198 | 58068000 |
| TRANSMITTERS.POSITION | OIL-COOLER-FLAP | AIR | 10.0334 | 22.3438 | 200 | .299 | 63 | 1114 | 58070000 |
| TRANSMITTERS.POSITION | ELEVATOR-TRIM-TAB | AIR | 11.7952 | 45.8799 | 50 | .08478 | 63 | 1198 | 58072000 |
| TRANSMITTERS.POSITION | SPOILER-SYSTEM | AIR | 12.1565 | 47.2854 | 152 | .08226 | 66 | 1250 | 58074000 |
| TRANSMITTERS.POSITION | ELEVATOR-TRIM-TAB | AIR | 13.3333 | 51.8626 | 50 | .075 | 63 | 1114 | 58076000 |
| TRANSMITTERS.POSITION | AILERON-TRIM-TAB.FLT-INSTRUMENTATION | AIR | 17.1865 | 45.736 | 100 | .11637 | 65 | 1198 | 58078000 |
| TRANSMITTERS.POSITION | WING-FLAP.FLIGHT-INSTRUMENTATION | AIR | 22.7272 | 60.4806 | 102 | .088 | 63 | 1114 | 58080000 |
| TRANSMITTERS.POSITION | WING-FLAP.FLIGHT-INSTRUMENTATION | AIR | 31.5183 | 62.9859 | 50 | .12691 | 65 | 1198 | 58082000 |
| TRANSMITTERS.POSITION | WING-FLAP.FLIGHT-INSTRUMENTATION | AIR | 34.3731 | 68.6908 | 100 | .11637 | 65 | 1198 | 58084000 |
| TRANSMITTERS.POSITION | WING-FLAP.FLIGHT-INSTRUMENTATION | AIR | 35.3857 | 78.8016 | 50 | .08478 | 63 | 1198 | 58086000 |
| TRANSMITTERS.POSITION | WING-FLAP.FLIGHT-INSTRUMENTATION | AIR | 40 | 89.0773 | 50 | .075 | 63 | 1114 | 58088000 |
| TRANSMITTERS.POSITION | RUDDER-TRIM-TAB | AIR | 51.5596 | 90.5052 | 100 | .11637 | 65 | 1198 | 58090000 |
| TRANSMITTERS.POSITION | SPOILER-SYSTEM | AIR | 60.6796 | 135.129 | 96 | .04944 | 65 | 1227 | 58092000 |
| TRANSMITTERS.POSITION | WING-FLAP.FLIGHT-INSTRUMENTATION | AIR | 66.6666 | 259.313 | 68 | .015 | 63 | 1114 | 58094000 |
| TRANSMITTERS.POSITION | AILERON-TRIM-TAB.FLT-INSTRUMENTATION | AIR | 70.7714 | 124.228 | 50 | .08478 | 63 | 1198 | 58096000 |
| TRANSMITTERS.POSITION | AILERON-TRIM-TAB.FLT-INSTRUMENTATION | AIR | 70.9163 | 111.937 | 50 | .12691 | 65 | 1198 | 58098000 |
| TRANSMITTERS.POSITION | AILERON-TRIM-TAB.FLT-INSTRUMENTATION | AIR | 79.5454 | 133.76 | 102 | .088 | 63 | 1114 | 58100000 |
| TRANSMITTERS.POSITION | AILERON-TRIM-TAB.FLT-INSTRUMENTATION | AIR | 80 | 140.428 | 50 | .075 | 63 | 1114 | 58102000 |
| TRANSMITTERS.POSITION | FLAP.SYSTEM | AIR | 80.9061 | 215.303 | 48 | .02472 | 65 | 1227 | 58104000 |
| TRANSMITTERS.POSITION | PITCH-TRIM-SYSTEM | AIR | 80.9061 | 215.303 | 48 | .02472 | 65 | 1227 | 58106000 |
| TRANSMITTERS.POSITION | RUDDER-TRIM-TAB | AIR | 94.3618 | 153.275 | 50 | .08478 | 63 | 1198 | 58108000 |
| TRANSMITTERS.POSITION | RUDDER-TRIM-TAB | AIR | 106.666 | 173.262 | 50 | .075 | 63 | 1114 | 58110000 |
| TRANSMITTERS.POSITION | FLAP.FLIGHT-CONTROLS | AIR | 144.595 | 367.287 | 150 | .5671 | 65 | 1196 | 58112000 |
| TRANSMITTERS.POSITION | PITCH-TRIM-SYSTEM | AIR | 145.878 | 256.068 | 76 | .04113 | 66 | 1250 | 58114000 |
| TRANSMITTERS.POSITION | FLAP-SYSTEM | AIR | 194.505 | 315.942 | 76 | .04113 | 66 | 1250 | 58116000 |
| TRANSMITTERS.POSITION | INSTRUMENT-SYSTEM | AIR | 268.568 | 344.494 | 63 | .10798 | 65 | 1155 | 58118000 |
| TRANSMITTERS.POSITION | RUDDER-TRIM-TAB | AIR | 330.943 | 406.496 | 50 | .12691 | 65 | 1198 | 58120000 |
| TRANSMITTERS.POSITION | RUDDER-TRIM-TAB | AIR | 352.272 | 448.066 | 102 | .088 | 63 | 1114 | 58122000 |
| TRANSMITTERS.POSITION | | AIR | 455.73 | 483.776 | 1194 | 1.0357 | 67 | 1272 | 58124000A |
| TRANSMITTERS.POSITION | WING-FLAP.FLIGHT-INSTRUMENTATION | AIR | 466.351 | 494.728 | 1194 | 1.0357 | 67 | 1272 | 58126000 |
| TRANSMITTERS.POSITION. DUAL-FLAP | | AIR | • | 64.7707 | 63 | .03555 | 64 | 1144 | 58128000 |
| TRANSMITTERS.POSITION. SYNCHRO | ROLL-TRIM | AIR | 76.5696 | 297.833 | 86 | .01306 | 66 | 1240 | 58130000A |
| TRANSMITTERS.POSITION.FLAP/ PITCH-TRIM/YAW-TRIM | | AIR | 114.854 | 255.773 | 172 | .02612 | 66 | 1240 | 58132000A |
| TRANSMITTERS.PRESSURE | BLEED-AIR-SYSTEM | AIR | • | 27.9967 | 152 | .08226 | 66 | 1250 | 58134000A |

PART CLASS 617 TRANSCEIVERS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| TRANSMITTERS.PRESSURE | HYDRAULIC-SYSTEM | AIR | 24.2718 | 54.0517 | 240 | .1236 | 65 | 1227 | 58136000 |
| TRANSMITTERS.PRESSURE | BRAKE-SYSTEM | AIR | 32.258 | 125.474 | 136 | .031 | 63 | 1114 | 58138000 |
| TRANSMITTERS.PRESSURE | BRAKE-SYSTEM | AIR | 33.557 | 62.2463 | 100 | .149 | 63 | 1114 | 58140000 |
| TRANSMITTERS.PRESSURE | BRAKE-SYSTEM | AIR | 35.3857 | 62.1142 | 100 | .16956 | 63 | 1198 | 58142000 |
| TRANSMITTERS.PRESSURE | BRAKE-SYSTEM | AIR | 39.7727 | 66.8801 | 204 | .176 | 63 | 1114 | 58144000 |
| TRANSMITTERS.PRESSURE | MANIFOLD-BLEED-SYSTEM | AIR | 40.453 | 157.35 | 48 | .02472 | 65 | 1227 | 58146000 |
| TRANSMITTERS.PRESSURE | BLEED-AIR-SYSTEM | AIR | 40.453 | 107.651 | 96 | .04944 | 65 | 1227 | 58148000 |
| TRANSMITTERS.PRESSURE | BRAKE-SYSTEM | AIR | 55.1571 | 79.3002 | 100 | .25382 | 65 | 1198 | 58150000 |
| TRANSMITTERS.PRESSURE | HYDRAULIC-SYSTEM | AIR | 75.6453 | 91.653 | 250 | .63454 | 65 | 1198 | 58152000 |
| TRANSMITTERS.PRESSURE | FUEL-MANIFOLD | AIR | 80.9061 | 215.303 | 48 | .02472 | 65 | 1227 | 58154000 |
| TRANSMITTERS.PRESSURE | HYDRAULIC-SYSTEM | AIR | 81.177 | 91.9178 | | 1.3797 | 65 | 1196 | 58156000 |
| TRANSMITTERS.PRESSURE | HYDRAULIC-SYSTEM | AIR | 83.9002 | 104.496 | 510 | .441 | 63 | 1114 | 58158000 |
| TRANSMITTERS.PRESSURE | BRAKE-SYSTEM | AIR | 90.2294 | 121.097 | 200 | .23274 | 65 | 1198 | 58160000 |
| TRANSMITTERS.PRESSURE | UTILITY-SYSTEM | AIR | 100.623 | 186.651 | | .04969 | 63 | 1123 | 58162000A |
| TRANSMITTERS.PRESSURE | HYDRAULIC-SYSTEM | AIR | 116.883 | 184.493 | 340 | .077 | 63 | 1114 | 58164000 |
| TRANSMITTERS.PRESSURE | HYDRAULIC-SYSTEM | AIR | 137.492 | 159.365 | 500 | .58185 | 65 | 1198 | 58166000 |
| TRANSMITTERS.PRESSURE | HYDRAULIC-SYSTEM | AIR | 157.269 | 194.189 | 150 | .25434 | 63 | 1198 | 58168000 |
| TRANSMITTERS.PRESSURE | HYDRAULIC-SYSTEM | AIR | 164.444 | 204.813 | 150 | .225 | 63 | 1114 | 58170000 |
| TRANSMITTERS.PRESSURE | MANIFOLD-BLEED-SYSTEM | AIR | 170.192 | 286.187 | 76 | .04113 | 66 | 1250 | 58172000A |
| TRANSMITTERS.PRESSURE | INSTRUMENT-SYSTEM | AIR | 554.097 | 593.486 | 378 | .6479 | 65 | 1155 | 58174000 |
| TRANSMITTERS.PRESSURE. DIFFERENTIAL.OIL | ENGINE | AIR | 996.214 | 1136.42 | | .10038 | 63 | 1123 | 58176000 |
| TRANSMITTERS.PRESSURE. HYDRAULIC | | AIR | 699.044 | 733.454 | 1194 | 1.0357 | 67 | 1272 | 58178000A |
| TRANSMITTERS.PRESSURE. HYDRAULIC.0-4000PSI | | AIR | 689.127 | 1087.74 | 86 | .01306 | 66 | 1240 | 58180000A |
| TRANSMITTERS.PRESSURE. HYDRAULIC-SYSTEM | | AIR | 34.0384 | 57.2375 | 380 | .20565 | 66 | 1250 | 58182000 |
| TRANSMITTERS.PRESSURE. OIL.R/G | ENGINE-INSTRUMENTATION | AIR | 241.935 | 343.425 | 272 | .062 | 63 | 1114 | 58184000 |
| TRANSMITTERS.PRESSURE. OIL.R/G | ENGINE-INSTRUMENTATION | AIR | 431.812 | 473.521 | 400 | .46548 | 65 | 1198 | 58186000 |
| TRANSMITTERS.PRESSURE. OIL.R/G | ENGINE-INSTRUMENTATION | AIR | 439.093 | 487.834 | 408 | .353 | 63 | 1114 | 58188000 |
| TRANSMITTERS.PRESSURE. OIL.R/G | ENGINE-INSTRUMENTATION | AIR | 583.101 | 628.979 | 200 | .50763 | 65 | 1198 | 58190000 |
| TRANSMITTERS.PRESSURE. OIL.R/G | ENGINE-INSTRUMENTATION | AIR | 837.461 | 904.806 | 200 | .33912 | 63 | 1198 | 58192000 |
| TRANSMITTERS.PRESSURE. OIL.R/G | ENGINE-INSTRUMENTATION | AIR | 869.565 | 942.831 | 200 | .299 | 63 | 1114 | 58194000 |
| TRANSMITTERS.PRESSURE. TORQUE.MIL-T-5790.26VAC. 400CPS | ENGINE | HELI | 233.333 | 392.363 | 120 | .03 | 65 | 1215 | 58196000 |
| TRANSMITTERS.PRESSURE. TRU-80/A | | AIR | 218.209 | 238.012 | 1194 | 1.0357 | 67 | 1272 | 58198000A |

PART CLASS 81T TRANSCEIVERS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| 00 N.E.C. | | | | | | | | | |
| TRANSMITTERS.PRESSURE.FUEL | ENGINE-INSTRUMENTATION | HELI | 28.9017 | 112.419 | 40 | .0346 | 66 | 1257 | 58200000 |
| TRANSMITTERS.PRESSURE.FUEL | ENGINE-INSTRUMENTATION | AIR | 133.333 | 354.82 | 68 | .015 | 63 | 1114 | 58202000 |
| TRANSMITTERS.PRESSURE.FUEL | ENGINE-INSTRUMENTATION | AIR | 193.181 | 268.251 | 102 | .009 | 63 | 1114 | 58204000 |
| TRANSMITTERS.PRESSURE.FUEL | ENGINE-INSTRUMENTATION | AIR | 252.147 | 319.46 | 50 | .12691 | 65 | 1198 | 58206000 |
| TRANSMITTERS.PRESSURE.FUEL | ENGINE-INSTRUMENTATION | AIR | 274.984 | 348.395 | 100 | .11637 | 65 | 1198 | 58208000 |
| TRANSMITTERS.PRESSURE.FUEL | ENGINE-INSTRUMENTATION | AIR | 424.628 | 530.526 | 50 | .08478 | 63 | 1198 | 58210000 |
| TRANSMITTERS.PRESSURE.FUEL | ENGINE-INSTRUMENTATION | AIR | 466.666 | 584.954 | 20 | .075 | 63 | 1114 | 58212000 |
| TRANSMITTERS.PRESSURE.FUEL. MIL-T-5396.26VAC.400CPS. 0-10000PSI | | HELI | 2700 | 3126.6 | 120 | .03 | 65 | 1215 | 58214000 |
| TRANSMITTERS.PRESSURE.FUEL. SYNCHRO,MS28005-4 | | HELI | 1280.37 | 1785.3 | 305 | .214 | 66 | 1234 | 58216000 |
| TRANSMITTERS.PRESSURE.FUEL-MANIFOLD | | AIR | 24.3131 | 54.5708 | 76 | .04113 | 66 | 1250 | 58218000A |
| TRANSMITTERS.PRESSURE.MJ-1. MIL-T-25307 | | AIR | 236.111 | 527.862 | 186 | .072 | 63 | 1111 | 58220000 |
| TRANSMITTERS.PRESSURE.OIL | ENGINE-INSTRUMENTATION | AIR | 81.6361 | 101.372 | 400 | .46548 | 65 | 1198 | 58222000 |
| TRANSMITTERS.PRESSURE.OIL | ENGINE-INSTRUMENTATION | AIR | 84.9858 | 108.541 | 408 | .353 | 63 | 1114 | 58224000 |
| TRANSMITTERS.PRESSURE.OIL | TRANSMISSION.ENGINE-INSTRUMENTATION | HELI | 86.7052 | 193.086 | 40 | .0346 | 66 | 1257 | 58226000 |
| TRANSMITTERS.PRESSURE.OIL | ENGINE-INSTRUMENTATION | AIR | 106.376 | 127.44 | 200 | .50763 | 65 | 1198 | 58228000 |
| TRANSMITTERS.PRESSURE.OIL | TRANSMISSION.ENGINE-INSTRUMENTATION | HELI | 147.058 | 572.014 | 20 | .0068 | 66 | 1257 | 58230000 |
| TRANSMITTERS.PRESSURE.OIL | POWER-CONTROL-SYSTEM | AIR | 288.474 | 353.454 | | .14906 | 63 | 1123 | 58232000A |
| TRANSMITTERS.PRESSURE.OIL | RAT-SYSTEM | AIR | 288.493 | 353.478 | | .14905 | 63 | 1123 | 58234000A |
| TRANSMITTERS.PRESSURE.OIL | ENGINE | AIR | 389.057 | 459.103 | 304 | .1645 | 66 | 1250 | 58236000 |
| TRANSMITTERS.PRESSURE.OIL | ENGINE | AIR | 536.003 | 643.259 | 192 | .09888 | 65 | 1227 | 58238000 |
| TRANSMITTERS.PRESSURE.OIL | | AIR | 1031.57 | 1178.37 | 248 | .095 | 63 | 1111 | 58240000 |
| TRANSMITTERS.PRESSURE.OIL | TURBINE | AIR | 1086.18 | 1246.19 | 180 | .0847 | 64 | 1144 | 58242000 |
| TRANSMITTERS.PRESSURE.OIL | ENGINE | AIR | 1200 | 1412.37 | 320 | .055 | 61 | 1180 | 58244000 |
| TRANSMITTERS.PRESSURE.OIL | ENGINE-INSTRUMENTATION | AIR | 2226.35 | 2333.69 | 200 | .33912 | 63 | 1198 | 58246000 |
| TRANSMITTERS.PRESSURE.OIL | ENGINE-INSTRUMENTATION | AIR | 2511.37 | 2530.47 | 200 | .299 | 63 | 1114 | 58248000 |
| TRANSMITTERS.PRESSURE.OIL | ENGINE | AIR | 10400 | 12503.5 | 16 | .005 | 59 | 1110 | 58250000 |
| TRANSMITTERS.PRESSURE.OIL. HI-TEMP.MS28131-10 | | AIR | 429.906 | 523.102 | 151 | .107 | 66 | 1234 | 58252000A |
| TRANSMITTERS.PRESSURE.OIL. HI-TEMP.MS28131-8 | | AIR | 280.373 | 332.705 | 302 | .214 | 66 | 1234 | 58254000 |
| TRANSMITTERS.PRESSURE.OIL. MIL-T-5796.26VAC.400CPS. 0-100PSI | ENGINE | AIR | 333.333 | 513.555 | 120 | .03 | 65 | 1215 | 58256000 |
| TRANSMITTERS.PRESSURE.OIL. MIL-T-5796.26VAC.400CPS. 0-100PSI | TRANSMISSION | HELI | 600 | 825.21 | 120 | .03 | 65 | 1215 | 58258000 |
| TRANSMITTERS.PRESSURE.OIL. TORQUE/TEMP.MS28131-8 | | HELI | 420.56 | 483.268 | 302 | .214 | 66 | 1234 | 58260000A |
| TRANSMITTERS.PRESSURE.OIL. 0-120PSI.SYNCHRO | | AIR | 382.848 | 710.16 | 86 | .01308 | 66 | 1240 | 58262000 |

PART CLASS 811 TRANSCEIVERS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 COMP LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SAGE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| TRANSMITTERS.PRESSURE.RATIO | ENGINE | AIR | 763.636 | 937.972 | 320 | .055 | 61 | 1080 | 58264000 |
| TRANSMITTERS.PRESSURE.TEMP. GEN-PURP.MS28131-17 | | HELI | 289.719 | 342.813 | 302 | .214 | 66 | 1234 | 58266000A |
| TRANSMITTERS.PRESSURE.TEMP. GEN-PURP.MS28131-18 | | HELI | 429.906 | 529.102 | 151 | .107 | 66 | 1234 | 58268000A |
| TRANSMITTERS.PRESSURE-RATIO | ENGINE-INDICATING.707-131 | AIR | 170P | | | | 66 | 2361 | 58270000 |
| TRANSMITTERS.PRESSURE-RATIO | ENGINE-INDICATING.707-331 | AIR | 280P | | | | 66 | 2361 | 58272000 |
| TRANSMITTERS.PRESSURE-RATIO | ENGINE-INDICATING.707-331 | AIR | 330P | | | | 66 | 2361 | 58274000 |
| TRANSMITTERS.PRESSURE-RATIO | ENGINE-INDICATING.707-331 | AIR | 390P | | | | 65 | 2361 | 58276000 |
| TRANSMITTERS.PRESSURE-RATIO | ENGINE-INDICATING.707-131 | AIR | 520P | | | | 65 | 2361 | 58278000 |
| TRANSMITTERS.PRESSURE-RATIO | ENGINE-INDICATING.707-1318 | AIR | 530P | | | | 65 | 2361 | 58280000 |
| TRANSMITTERS.PRESSURE-RATIO | ENGINE-INDICATING.707-131B | AIR | 570P | | | | 66 | 2361 | 58282000 |
| TRANSMITTERS.PRESSURE-RATIO | ENGINE-INDICATING.707-1318 | AIR | 600P | | | | 66 | 2361 | 58284000 |
| TRANSMITTERS.PRESSURE-RATIO | ENGINE-INDICATING.707-131 | AIR | 780P | | | | 66 | 2361 | 58286000 |
| TRANSMITTERS.PRESSURE/TEMP. OIL.MS28131-6 | ENGINE | HELI | 280.373 | 332.705 | 302 | .214 | 66 | 1234 | 58288000A |
| TRANSMITTERS.QUANTITY | FUEL-CELL.(M=MILES) | GRD | 32.4149M | 86.2609M | 15 | .0617M | 66 | 1255 | 58290000 |
| TRANSMITTERS.QUANTITY. HYDRAULIC-FLUID | | AIR | 67.0075 | 91.3509 | 75 | .28355 | 65 | 1196 | 58292000 |
| TRANSMITTERS.QUANTITY.OIL | | AIR | 70.9108 | 111.928 | 244 | .12692 | 64 | 1144 | 58294000 |
| TRANSMITTERS.QUANTITY.OIL | ENGINE-INSTRUMENTATION | AIR | 191.672 | 225.884 | 200 | .33912 | 63 | 1198 | 58296000 |
| TRANSMITTERS.QUANTITY.OIL | ENGINE-INSTRUMENTATION | AIR | 200.668 | 238.123 | 200 | .299 | 63 | 1114 | 58298000 |
| TRANSMITTERS.QUANTITY.OIL | ENGINE-INSTRUMENTATION | AIR | 306.451 | 417.783 | 272 | .062 | 63 | 1114 | 58300000 |
| TRANSMITTERS.QUANTITY.OIL | ENGINE-INSTRUMENTATION | AIR | 390.994 | 430.816 | 400 | .46548 | 65 | 1198 | 58302000 |
| TRANSMITTERS.QUANTITY.OIL | ENGINE-INSTRUMENTATION | AIR | 665.722 | 724.699 | 408 | .353 | 63 | 1114 | 58304000 |
| TRANSMITTERS.QUANTITY.OIL | ENGINE-INSTRUMENTATION | AIR | 720.997 | 771.733 | 200 | .50763 | 65 | 1198 | 58306000 |
| TRANSMITTERS.RATE.FLOW | | AIR | 56.1528 | 92.7426 | 244 | .12492 | 64 | 1144 | 58308000 |
| TRANSMITTERS.RATE.FLOW | | AIR | 923.047 | 962.426 | 1194 | 1.0357 | 67 | 1272 | 58310000A |
| TRANSMITTERS.RATE.GYRO | RATE-GYRO.ALL-ATTITUDE-REFERENCE | SIM GRD AIR | 328.571 | 433.047 | 278 | .070 | 63 | 1117 | 58312000 |
| TRANSMITTERS.RATE.GYRO | RATE-GYRO-ALL-ATTITUDE-REFERENCE | SIM GRD AIR | 525.146 | 683.425 | 195 | .04951 | 64 | 1181 | 58314000A |
| TRANSMITTERS.RATE.GYRO | FLIGHT-DIRECTOR.A-F-STD | AIR | 683.195 | 757.968 | 200 | .23274 | 65 | 1198 | 58316000 |
| TRANSMITTERS.RATE.GYRO | RATE-GYRO.INTEG-FLIGHT/NAVIGATION | AIR | 1478.26 | 1859.28 | 245 | .023 | 61 | 1080 | 58318000 |
| TRANSMITTERS.TEMPERATURE. RAM-AIR.VAC-RELIEF-VALVE | | AIR | * | 26.9089 | | .08557 | 63 | 1123 | 58320000A |
| TRANSMITTERS.TORQUEMETER. PRESSURE | | HELI | 553.555 | 1237.18 | 20 | .0054 | 66 | 1257 | 58322000 |
| TRANSMITTERS.TURN-RATE | AUTO-FLIGHT-CONTROL-SYSTEM | AIR | 1210.18 | 1431.98 | 320 | .035 | 61 | 1080 | 58324000 |
| TRANSMITTERS.TURN-RATE | FLIGHT-DIRECTOR-SYSTEM | AIR | 1337.22 | 1519.9 | 152 | .08226 | 66 | 1250 | 58326000 |
| TRANSMITTERS.TURN-RATE | FLIGHT-DIRECTOR-SYSTEM | AIR | 1719.25 | 1983.77 | 96 | .04944 | 65 | 1227 | 58328000 |
| TRANSMITTERS.VHF | COMMUNICATIONS.707-331B | AIR | 420P | | | | 65 | 2364 | 58330000 |
| TRANSMITTERS.VHF | COMMUNICATIONS.707-131B | AIR | 690P | | | | 66 | 2361 | 58332000 |
| TRANSMITTERS.VHF | COMMUNICATIONS.707-331 | AIR | 930P | | | | 66 | 2361 | 58334000 |
| TRANSMITTERS.VHF | COMMUNICATIONS.707-131B | AIR | 1020P | | | | 65 | 2361 | 58336000 |
| TRANSMITTERS.VHF | COMMUNICATIONS.707-331B | AIR | 1070P | | | | 66 | 2364 | 58338000 |
| TRANSMITTERS.VHF | COMMUNICATIONS.707-331 | AIR | 1230P | | | | 65 | 2364 | 58340000 |

PART CLASS 817 TRANSCEIVERS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| TRANSMITTERS.VHF | COMMUNICATIONS.707-331 | AIR | 1290P | | | | 66 | 2364 | 58342000 |
| TRANSMITTERS.VHF | COMMUNICATIONS.707-131 | AIR | 1560P | | | | 66 | 2364 | 58344000 |
| TRANSMITTERS.VHF | COMMUNICATIONS.707-1318 | AIR | 1610P | | | | 66 | 2361 | 58346000 |
| TRANSMITTERS.VHF | COMMUNICATIONS.707-3318 | AIR | 1620P | | | | 66 | 2364 | 58348000 |
| TRANSMITTERS.VHF | COMMUNICATIONS.707-131 | AIR | 1800P | | | | 65 | 2361 | 58350000 |
| TRANSMITTERS.VHF | COMMUNICATIONS.707-1318 | AIR | 1870P | | | | 66 | 2364 | 58352000 |
| TRANSMITTERS.VHF | COMMUNICATIONS.707-3318 | AIR | 1890P | | | | 66 | 2361 | 58354000 |
| TRANSMITTERS.VHF | COMMUNICATIONS.707-1318 | AIR | 1950P | | | | 65 | 2364 | 58356000 |
| TRANSMITTERS.VHF | COMMUNICATIONS.707-331 | AIR | 2020P | | | | 66 | 2364 | 58358000 |
| TRANSMITTERS.VHF | COMMUNICATIONS.707-331 | AIR | 2030P | | | | 66 | 2361 | 58360000 |
| TRANSMITTERS.VHF | COMMUNICATIONS.707-131 | AIR | 2150P | | | | 66 | 2364 | 58362000 |
| TRANSMITTERS.VHF | COMMUNICATIONS.707-3318 | AIR | 2390P | | | | 66 | 2361 | 58364000 |
| TRANSMITTERS.VHF | COMMUNICATIONS.707-1315 | AIR | 2430P | | | | 66 | 2364 | 58366000 |
| TRANSMITTERS.VHF | COMMUNICATIONS.707-3318 | AIR | 2610P | | | | 65 | 2361 | 58368000 |
| TRANSMITTERS.VHF | COMMUNICATIONS.707-131 | AIR | 2760P | | | | 66 | 2361 | 58370000 |
| TRANSMITTERS.VHF | COMMUNICATIONS.707-331 | AIR | 2810P | | | | 66 | 2361 | 58372000 |
| TRANSMITTERS.VHF | COMMUNICATIONS.707-131 | AIR | 2900P | | | | 66 | 2361 | 58374000 |
| TRANSMITTERS.VHF | COMMUNICATIONS.707-131 | AIR | 3680P | | | | 65 | 2364 | 58376000 |
| TRANSMITTERS.3-AXIS-RATE | AUTO-FLIGHT.B-720 | AIR | 350 | | | | 66 | 2380 | 59378000 |
| VHF | COMMUNICATIONS.727 | AIR | 2600P | | | | 66 | 2363 | 58380000 |
| VHF | COMMUNICATIONS.727 | AIR | 2670P | | | | 66 | 2360 | 58382000 |
| VHF | COMMUNICATIONS.727 | AIR | 2890P | | | | 66 | 2365 | 58384000 |
| VHF | COMMUNICATIONS.727 | AIR | 2990P | | | | 66 | 2360 | 58386000 |
| VHF | COMMUNICATIONS.727 | AIR | 3440P | | | | 66 | 2365 | 58388000 |
| VHF | COMMUNICATIONS.727 | AIR | 3540P | | | | 66 | 2363 | 58390000 |
| VHF | COMMUNICATIONS.727 | AIR | 4940P | | | | 65 | 2360 | 58392000 |
| VHF | COMMUNICATIONS.727 | AIR | 8480P | | | | 65 | 2363 | 58394000 |
| VHF | COMMUNICATIONS.727 | AIR | 9140P | | | | 65 | 2365 | 58396000 |
| VHF.EMERGENCY | COMMUNICATIONS.707-331 | AIR | 50P | | | | 66 | 2364 | 58398000 |
| VHF.EMERGENCY | COMMUNICATIONS.707-331 | AIR | 80P | | | | 66 | 2361 | 58400000 |
| VHF-EMERGENCY | COMMUNICATIONS.707-331 | AIR | 50P | | | | 65 | 2362 | 58402000 |
| VHF-EMERGENCY | COMMUNICATIONS.707-331 | AIR | 50P | | | | 66 | 2362 | 58404000 |
| VHF-EMERGENCY | COMMUNICATIONS.707-1318 | AIR | 150P | | | | 66 | 2362 | 58406000 |
| VHF-EMERGENCY | COMMUNICATIONS.707-331 | AIR | 220P | | | | 66 | 2362 | 58408000 |
| VHF RECEIVER | COMMUNICATIONS.880 | AIR | 2160F | | | | 65 | 2363 | 58410000 |

PART CLASS 851 TRANSDUCERS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| | OIL-SYSTEM.TURBOJET.J-85 | AIR | .965531 | 3.75562 | 1194 | 1.0357 | 67 | 1272 | 58412000 |
| | | AIR | 3.5 | | | | 66 | 2L5 | 58414000 |
| | BELLOWS | MSL | 5 | | | | 58 | 2L2 | 58416000 |
| | OIL-SYSTEM.ENGINE-INSTRUMENT | AIR | 5.70385 | 22.1862 | 812 | .17532 | 61 | 1179 | 58418000 |
| | | GRD | 19.9431 | 39.8541 | 221 | .20057 | 64 | 1176 | 58420000 |
| | OIL-SYSTEM.TURBOJET.J-85 | AIR | 26.2536 | 46.0842 | 946 | .22854 | 65 | 1228 | 58422000 |
| | OIL-SYSTEM.TURBOJET.J-85 | AIR | 29.4521 | 65.588 | 812 | .10186 | 64 | 1179 | 58424000 |
| | | LAB | 30 | | | | 63 | 1138 | 58426000 |
| | OIL-SYSTEM.ENGINE-INSTRUMENT | AIR | 30.6292 | 51.5047 | 946 | .22854 | 65 | 1228 | 58428000 |
| | STALL-WARNING | AIR | 37.037 | 60.1606 | | .216 | 63 | 2102 | 58430000 |
| | STABILIZER-POS | AIR | 37.1747 | 50.2697 | | .538 | 63 | 2112 | 58432000 |
| | OIL-SYSTEM.ENGINE-INSTRUMENTATION | AIR | 41.5178 | 50.8699 | 1194 | 1.0357 | 67 | 1272 | 58434000 |
| | WHEEL/FLAP | AIR | 44.6096 | 58.7054 | | .538 | 63 | 2112 | 58436000 |
| | | AIR | 300 | | | | 61 | 1068 | 58438000 |
| | OXYGEN-SYSTEM | AIR | 600 | 1336.16 | 16 | .005 | 59 | 1110 | 58440000 |
| | COMPASS | AIR | 620.817 | 666.654 | | .538 | 63 | 2112 | 58442000 |
| | BAROSWITCH | MSL | 793 | | | | 57 | 2L2 | 58444000 |
| | VACUUM/PRESSURE -CALIBRATION-RACK | GRD | 1904.76 | 3806.45 | | .0021 | 62 | 1141 | 58446000 |
| AIR | | LAB | 467.889 | 563.568 | | .109 | 61 | 1071 | 58448000 |
| AIRSPEED | | AIR | 539.033 | 581.904 | | .538 | 63 | 2112 | 58450000 |
| AIRSPEED.10-100KNOTS. 6-31IOV | AUTO-STAB-EQUIPMENT | HELI | 600 | 825.21 | 120 | .03 | 65 | 1215 | 58452000 |
| ANGLE-OF-ATTACK | STALL-WARN-SYSTEM | AIR | 20.2265 | 78.6751 | 96 | .04944 | 65 | 1227 | 58454000 |
| ANGLE-OF-ATTACK | | AIR | 545.454 | 696.638 | 320 | .055 | 61 | 1080 | 58456000 |
| ANGLE-OF-ATTACK | FLIGHT-INSTRUMENTATION | AIR | 722.755 | 852.879 | | .08855 | 63 | 1123 | 58458000A |
| ANGLE-OF-ATTACK | | AIR | 3654.27 | 3761.57 | | .538 | 63 | 2112 | 58460000 |
| ANTI-SKID | LANDING-GEAR.707-331 | AIR | 20P | | | | 66 | 2364 | 58462000 |
| ANTI-SKID | LANDING-GEAR.707.331B | AIR | 50P | | | | 66 | 2361 | 58464000 |
| ANTI-SKID | LANDING-GEAR.707-331 | AIR | 110P | | | | 65 | 2364 | 58466000 |
| ANTI-SKID | LANDING-GEAR.331C/373C | AIR | 120P | | | | 66 | 2360 | 58468000 |
| ANTI-SKID | LANDING-GEAR.707-331 | AIR | 120P | | | | 66 | 2364 | 58470000 |
| ANTI-SKID | LANDING-GEAR.331C/373C | AIR | 130P | | | | 66 | 2363 | 58472000 |
| ANTI-SKID | LANDING-GEAR.331C/373C | AIR | 420P | | | | 65 | 2363 | 58474000 |
| ANTI-SKID- | LANDING-GEAR.331C/373C | AIR | 60P | | | | 66 | 2365 | 58476000 |
| COND | AIR-CONDITIONING.707-331B | AIR | 70P | | | | 66 | 2361 | 58478000 |
| COND | AIR-CONDITIONING.707-331B | AIR | 340P | | | | 65 | 2361 | 58480000 |
| COND | AIR-CONDITIONING.707-331B | AIR | 830P | | | | 66 | 2361 | 58482000 |
| CRYSTAL.PROBE. WATER-VELOCITY | | SUB | 263.365 | 405.758 | 300 | .03797 | 65 | 1246 | 58484000 |
| CRYSTAL.SURFACE-SCANNER | | SUB | 264.783 | 417.946 | 45 | .03399 | 65 | 1246 | 58486000 |
| CRYSTAL.SURFACE-SCANNER | | SUB | 2819.61 | 3126.27 | 240 | .0571 | 65 | 1246 | 58488000 |
| CRYSTAL-SURFACE-SCANNER | | SHP | 111.111 | 247.437 | 45 | .027 | 64 | 1161 | 58490000A |
| ELECTROHYDRAULIC | (STORAGE) | MSL | 1 | | | | 65 | 2440 | 58492000 |
| FLOW | | | .0229 | | | | 62 | 2231 | 58494000 |
| FLOW | | | .516636 | 1.37484 | | 3.8712 | 64 | 2231 | 58496000 |

PART CLASS 851 TRANSDUCERS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SINCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| FLOW.DIRECTION | | AIR | 337.423 | 403.552 | | .163 | 61 | 1003 | 58490000 |
| FLOW.QUANTITY | | AIR | 17.8871 | 69.4589 | | .056 | 61 | 1002 | 58500000 |
| FLOW.QUANTITY | | AIR | 306.748 | 370.18 | | .163 | 61 | 1003 | 58502000 |
| FUEL-FLOW | | AIR | 1334.57 | 1400.7 | | .538 | 63 | 2112 | 58504000 |
| INDUCTIVE | | AIR GRD | 37.5 | | | | 66 | 214 | 58506000 |
| LINEAR-MOTION | | LAB | • | 1.532066 | | 1.5A | 62 | 1136 | 58508000 |
| LIQUID-OXYGEN-LEVEL | PROPELLANT-UTILIZATION | LAB | • | 46052 | 1 | .00009 | 61 | 2400 | 58510000 |
| LIQUID-OXYGEN-LEVEL.TEMP-SENSITIVE | | GRD | • | 115130 | 45 | .00020 | 65 | 1208 | 58512000 |
| MACH | FLIGHT-CONTROL-SYSTEM | GRD | 253.164 | 673.708 | | .0079 | 62 | 1135 | 58514000 |
| MACH | | GRD | 1750 | 2942.72 | | .004 | 61 | 1001 | 58516000 |
| MOTIONAL-PICKUP | | AIR | 929.933 | 982.817 | | .29164 | 66 | 1241 | 58518000A |
| MOTIONAL-PICKUP | | AIR | 1179.96 | 1329.22 | | .10258 | 65 | 1188 | 58520000 |
| OIL-PRESSURE | | AIR | 2620.81 | 2712.57 | | .538 | 63 | 2112 | 58522000 |
| OXYGEN-PRESSURE | OXYGEN.727 | AIR | 270P | | | | 65 | 2360 | 58524000 |
| OXYGEN-PRESSURE | OXYGEN.727 | AIR | 370P | | | | 66 | 2360 | 58526000 |
| PICKUP | TORQUEMETERS | AIR | .501375 | 1.95021 | 1716 | 1.9945 | 65 | 1201 | 58528000 |
| PICKUP | TORQUEMETERS | AIR | 1.947 | 7.57325 | 528 | .51361 | 65 | 1201 | 58530000 |
| PICKUP | TORQUEMETERS | AIR | 2.63754 | 10.2592 | 400 | .37914 | 65 | 1201 | 58532000 |
| PICKUP | TORQUEMETERS | AIR | 2.73059 | 10.6212 | 244 | .36622 | 65 | 1201 | 58534000 |
| PICKUP | ENGINE-VIBRATION | AIR | 60.6796 | 89.9147 | 384 | .19776 | 65 | 1227 | 58536000 |
| PICKUP.MOTION | AN/ASA-32E | AIR | 1273.14 | 1522.66 | | .0432 | 66 | 1241 | 58538000 |
| POLAR-PATH-FLUXGATE | NAVIGATION.707-331B | AIR | 70P | | | | 66 | 2361 | 58540000 |
| POLAR-PATH-FLUXGATE | NAVIGATION.707-131B | AIR | 70P | | | | 65 | 2361 | 58542000 |
| POLAR-PATH-FLUXGATE | NAVIGATION.707-131 | AIR | 110P | | | | 66 | 2361 | 58544000 |
| POLAR-PATH-FLUXGATE | NAVIGATION.707-131B | AIR | 110P | | | | 66 | 2361 | 58546000 |
| POLAR-PATH-FLUXGATE | NAVIGATION.707-131 | AIR | 130P | | | | 65 | 2361 | 58548000 |
| POLAR-PATH-FLUXGATE | NAVIGATION.707-331 | AIR | 130P | | | | 65 | 2361 | 58550000 |
| POLAR-PATH-FLUXGATE | NAVIGATION.707-131 | AIR | 220P | | | | 66 | 2361 | 58552000 |
| POLAR-PATH-FLUXGATE | NAVIGATION.707-331 | AIR | 530P | | | | 66 | 2361 | 58554000 |
| PRESSURE | | GRD | ? | 135.447 | 9 | .017 | 65 | 1193 | 58556000 |
| PRESSURE | | LAB | 35 | | | | 63 | 1138 | 58558000 |
| PRESSURE | | AIR | 300 | | | | 57 | 211 | 58560000 |
| PRESSURE | | AIR | 350 | | | | 61 | 1068 | 58562000 |
| PRESSURE | | GRD | 860.215 | 1274.66 | 207 | .01395 | 63 | 1125 | 58564000 |
| PRESSURE | | AIR | 901.84 | 1004.84 | | .163 | 61 | 1003 | 58566000 |
| PRESSURE | | SIM MSL | 400000 | 794355 | 29 | .00001 | 64 | 1130 | 58568000A |
| PRESSURE. | PITOT.CONTROL-INSTRUMENTATION | GRD | 126.582 | 492.367 | | .0079 | 62 | 1135 | 58570000 |
| PRESSURE.ABSOLUTE | COMPUTER.ASG-15 | AIR | • | 192.847 | 31 | .01194 | 63 | 1111 | 58572000 |
| PRESSURE.DIFFERENTIAL | | MSL | • | 1.60433C | | 1.359C | 62 | 1136 | 58574000 |
| PRESSURE.DIFFERENTIAL | | AIR | 333.333 | 606.129 | 31 | .012 | 63 | 1111 | 58576000 |
| PRESSURE.ENGINE-RATIO | | AIR | 1118.01 | 1276.23 | | .00855 | 63 | 1128 | 58578000A |
| PRESSURE.ENGINE-RATIO | | AIR | 1500 | 1942.18 | 64 | .018 | 59 | 1110 | 58580000 |
| PRESSURE.ENGINE-RATIO | | AIR | 2204.21 | 2496.03 | 248 | .095 | 63 | 1111 | 58582000 |
| PRESSURE.ENGINE-RATIO | | AIR | 3156.86 | 3500.2 | | .051 | 61 | 1002 | 58584000 |

RME Air Development Center, Griffiss AFB, N.Y. NONELECTRONIC PART FAILURE RATE DATA JANUARY 1968

SECTION I FAILURE RATE DATA

PART CLASS [illegible] TRANSDUCERS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .001 N.S.L. | | | | | | | | | |
| PRESSURE,PIEZOELECTRIC-ANGLE OF ATTACK | | AIR | 426.571 | 492.292 | | .014 | 61 | 1092 | 5858AC00 |
| PRESSURE,STATIC | | AIR | 583.333 | 980.908 | 31 | .012 | 63 | 1111 | 5858PC00 |
| SENSOR | DOPPLER-RADAR-SUBSYSTEM | AIR | * | 243.403 | 1 | .00946 | 62 | 2322 | 5859DP00 |
| SENSOR | RADIO-ALTIMETER SUBSYSTEM | AIR | * | 436.098 | 1 | .00528 | 62 | 2322 | 5859RP00 |
| SENSOR,AIR-DATA | AUTO-PILOT,727 | AIR | 190P | | | | 66 | 2360 | 5859AC00 |
| SENSOR,AIR-DATA | AUTO-PILOT,727-3318 | AIR | 240P | | | | 66 | 2362 | 5859AC00 |
| SENSOR,AIR-DATA | AUTO-PILOT,727-1318 | AIR | 480P | | | | 65 | 2362 | 5859B000 |
| SENSOR,AIR-DATA | AUTO-PILOT,[illegible]727C | AIR | 570P | | | | 66 | 2360 | 5859D000 |
| SENSOR,AIR-DATA | AUTO-PILOT,[illegible] | AIR | 580P | | | | 66 | 2360 | 5859D000 |
| SENSOR,AIR-DATA | AUTO-PILOT,[illegible] | AIR | 600P | | | | 66 | 2360 | 5859A000 |
| SENSOR,AIR-DATA | AUTO-PILOT,727-1318 | AIR | 670P | | | | 65 | 2362 | 5860C000 |
| SENSOR,AIR-DATA | AUTO-PILOT,727-331 | AIR | 680P | | | | 66 | 2362 | 5860D000 |
| SENSOR,AIR-DATA | AUTO-PILOT,727-131 | AIR | 690P | | | | 66 | 2362 | 5860C000 |
| SENSOR,AIR-DATA | AUTO-PILOT,727-131 | AIR | 740P | | | | 66 | 2362 | 5861D000 |
| SENSOR,AIR-DATA | AUTO-PILOT,727 | AIR | 810P | | | | 66 | 2365 | 5861A000 |
| SENSOR,AIR-DATA | AUTO-PILOT,727 | AIR | 870P | | | | 65 | 2360 | 5861C000 |
| SENSOR,AIR-DATA | AUTO-PILOT,727 | AIR | 910P | | | | 65 | 2365 | 5861B000 |
| SENSOR,AIR-DATA | AUTO-PILOT,727-131 | AIR | 910P | | | | 65 | 2362 | 5861D000 |
| SENSOR,AIR-DATA | AUTO-PILOT,[illegible]727C | AIR | 1000P | | | | 66 | 2365 | 5861A000 |
| SENSOR,AIR-DATA | AUTO-PILOT,[illegible] | AIR | 1110P | | | | 65 | 2360 | 5861C000 |
| SENSOR,AIR-DATA | AUTO-PILOT,727 | AIR | 1110P | | | | 66 | 2360 | 5861C000 |
| SENSOR,AIR-DATA | AUTO-PILOT,727-3318 | AIR | 1140P | | | | 66 | 2362 | 5861D000 |
| SENSOR,AIR-DATA | AUTO-PILOT,[illegible] | AIR | 1210P | | | | 66 | 2362 | 5861D000 |
| SENSOR,AIR-DATA | AUTO-PILOT,727-331 | AIR | 1240P | | | | 66 | 2362 | 5861D000 |
| SENSOR,AIR-DATA | AUTO-PILOT,[illegible]727C | AIR | 1440P | | | | 66 | 2360 | 5861A000 |
| SENSOR,AIR-DATA | AUTO-PILOT,727-1318 | AIR | 1470P | | | | 66 | 2362 | 5861D000 |
| SENSOR,AIR-DATA | AUTO-PILOT,727-331 | AIR | 1490P | | | | 65 | 2362 | 5861B000 |
| SENSOR,AIR-DATA | AUTO-PILOT,[illegible] | AIR | 1740P | | | | 66 | 2365 | 5861B000 |
| SENSOR,AIR-DATA | AUTO-PILOT,727 | AIR | 1930P | | | | 66 | 2365 | 5861A000 |
| SENSOR,AIR-DATA | AUTO-PILOT,[illegible] | AIR | 2210P | | | | 65 | 2360 | 5861A000 |
| SENSOR,AIR-DATA | AUTO-PILOT,727-3318 | AIR | 2430P | | | | 66 | 2362 | 5861A000 |
| SENSOR,AIR-FLOW | AIR-CONDITIONING,[illegible] | AIR | 1.0P | | | | 66 | 2360 | 5862AC00 |
| SENSOR,AIR-FLOW | AIR-CONDITIONING,[illegible] | AIR | 12.0P | | | | 66 | 2365 | 5862AC00 |
| SENSOR,AIR-FLOW | AIR-CONDITIONING,[illegible] | AIR | 23.0P | | | | 66 | 2365 | 5862AC00 |
| SENSOR,AIR-FLOW | AIR-CONDITIONING,[illegible] | AIR | 29.0P | | | | 66 | 2365 | 5862AC00 |
| SENSOR,AIR-FLOW | AIR-CONDITIONING,[illegible] | AIR | 53.0P | | | | 66 | 2365 | 5862AC00 |
| SENSOR,AIR-FLOW | AIR-CONDITIONING,[illegible] | AIR | 70.0P | | | | 65 | 2360 | 5862AC00 |
| SENSOR,ANGLE-OF-ATTACK | NAVIGATION,727-1318 | AIR | 27.0P | | | | 66 | 2362 | 5862AC00 |
| SENSOR,ANGLE-OF-ATTACK | NAVIGATION,727-1318 | AIR | 41.0P | | | | 66 | 2362 | 5862AC00 |
| SENSOR,CABIN AIR-FLOW CONTROL | AIR-CONDITIONING,727 | AIR | 1.0P | | | | 65 | 2360 | 5862AC00 |
| SENSOR,CABIN AIR-FLOW CONTROL | AIR-CONDITIONING,727 | AIR | 1.0P | | | | 66 | 2365 | 5862AC00 |
| SENSOR,CABIN AIR-FLOW CONTROL | AIR-CONDITIONING,727 | AIR | 1.0P | | | | 66 | 2365 | 5862AC00 |
| SENSOR,CABIN PRESSURE-DUCT-ANTIICE | AIR-CONDITIONING,727 | AIR | 5.0P | | | | 66 | 2360 | 5862AC00 |
| SENSOR,COMPRESSOR-DUCT-ANTIICE | AIR-CONDITIONING,727 | AIR | 9.0P | | | | 66 | 2360 | 5862AC00 |

PART CLASS 851 TRANSDUCERS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.E.C. | | | | | | | | | |
| SENSOR.COCKPIT-DUCT-ANTIICE | AIR-CONDITIONING.727 | AIR | 110P | | | | 66 | 2365 | 58674000 |
| SENSOR.COCKPIT-DUCT-ANTIICE | AIR-CONDITIONING.727 | AIR | 140P | | | | 65 | 2360 | 58674000 |
| SENSOR.COCKPIT-DUCT-ANTIICE | AIR-CONDITIONING.727 | AIR | 190P | | | | 66 | 2360 | 58678000 |
| SENSOR.FEEDER-FAULT | ELECTRICAL-POWER.707-1318 | AIR | 30P | | | | 66 | 2362 | 58680000 |
| SENSOR.FEEDER-FAULT | ELECTRICAL-POWER.707-1318 | AIR | 40P | | | | 65 | 2362 | 58680000 |
| SENSOR.FEEDER-FAULT | ELECTRICAL-POWER.707-1318 | AIR | 70P | | | | 66 | 2362 | 58684000 |
| SENSOR.MAIN-CABIN-DUCT-ANTIICE | AIR-CONDITIONING.727 | AIR | 270P | | | | 66 | 2360 | 58686000 |
| SENSOR-AIR-DATA | AUTO-PILOT.727 | AIR | 340P | | | | 65 | 2363 | 58688000 |
| SENSOR-AIR-DATA | AUTO-PILOT.331C/373C | AIR | 580P | | | | 65 | 2363 | 58690000 |
| SENSOR-AIR-DATA | AUTO-PILOT.880 | AIR | 1000P | | | | 66 | 2363 | 58692000 |
| SENSOR-AIR-DATA | AUTO-PILOT.331C/373C | AIR | 1020P | | | | 66 | 2363 | 58694000 |
| SENSOR-AIR-DATA | AUTO-PILOT.331C/373C | AIR | 1080P | | | | 66 | 2363 | 58696000 |
| SENSOR-AIR-DATA | AUTO-PILOT.880 | AIR | 1260P | | | | 65 | 2363 | 58698000 |
| SENSOR-AIR-DATA | AUTO-PILOT.727 | AIR | 1650P | | | | 66 | 2363 | 58700000 |
| SENSOR-AIR-DATA | AUTO-PILOT.727 | AIR | 1740P | | | | 66 | 2363 | 58702000 |
| SENSOR-AIR-DATA | AUTO-PILOT.880 | AIR | 1970P | | | | 66 | 2363 | 58704000 |
| SENSOR-AIR-FLOW | AIR-CONDITIONING.880 | AIR | 330P | | | | 66 | 2363 | 58706000 |
| SENSOR-AIR-FLOW | AIR-CONDITIONING.880 | AIR | 380P | | | | 66 | 2363 | 58708000 |
| SENSOR-AIR-FLOW | AIR-CONDITIONING.880 | AIR | 990P | | | | 65 | 2363 | 58710000 |
| SENSOR-ALTITUDE | NAVIGATION.880 | AIR | 90P | | | | 65 | 2363 | 58712000 |
| SENSOR-ALTITUDE | NAVIGATION.880 | AIR | 150P | | | | 66 | 2363 | 58714000 |
| SENSOR-ANGLE-OF-ATTACK | NAVIGATION-707-1318 | AIR | 130P | | | | 66 | 2364 | 58716000 |
| SENSOR-ANGLE-OF-ATTACK | NAVIGATION-707-1318 | AIR | 390P | | | | 66 | 2364 | 58718000 |
| SENSOR-ANGLE-OF-ATTACK | NAVIGATION-707-1318 | AIR | 840P | | | | 65 | 2364 | 58720000 |
| SENSOR-BLEED-AIR-HX-CONTROL | AIR-CONDITIONING.727 | AIR | 120P | | | | 66 | 2363 | 58722000 |
| SENSOR-BLEED-AIR-HX-CONTROL | AIR-CONDITIONING.727 | AIR | 170P | | | | 65 | 2363 | 58724000 |
| SENSOR-BLEED-AIR-HX-CONTROL | AIR-CONDITIONING.727 | AIR | 220P | | | | 66 | 2363 | 58726000 |
| SENSOR-COCKPIT-DUCT-ANTI-ICE | AIR-CONDITIONING.727 | AIR | 110P | | | | 66 | 2363 | 58728000 |
| SENSOR-COCKPIT-DUCT-ANTI-ICE | AIR-CONDITIONING.727 | AIR | 120P | | | | 65 | 2363 | 58730000 |
| SENSOR-COCKPIT-DUCT-ANTI-ICE | AIR-CONDITIONING.727 | AIR | 220P | | | | 66 | 2363 | 58732000 |
| SENSOR-COCKPIT-DUCT-ANTI-ICE | AIR-CONDITIONING.727 | AIR | 240P | | | | 66 | 2363 | 58734000 |
| SENSOR-COCKPIT-DUCT-ANTI-ICE | AIR-CONDITIONING.727 | AIR | 340P | | | | 65 | 2363 | 58736000 |
| SENSOR-COOLING-EFFECT | AIR-CONDITIONING-SYSTEM | AIR GND | * | 387.643 | | .00594 | 67 | 2320 | 58738000 |
| SENSOR-ELEMENT-CABIN-TEMPERATURE | AIR CONDITIONING.727 | AIR | 110P | | | | 66 | 2363 | 58740000 |
| SENSORS | FIRE DETECTION-SYSTEM | AIR | 2.89402 | 5.36823 | 100A | 1.7277 | 65 | 1155 | 58742000 |

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y. NONELECTRONIC PART FAILURE RATE DATA JANUARY 1,68

SECTION I FAILURE RATE DATA

PART CLASS ELECTRONIC TRANSDUCERS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| SENSORS | FIRE DETECTION-SYSTEM | AIR | 4.83364 | 6.6479* | 3200 | 3.7239 | 65 | 1198 | 58744000 |
| SENSORS | FIRE-DETECTION-SYSTEM | AIR | 6.0606 | 13.4965 | 2178 | .495 | 65 | 1514 | 58746000 |
| SENSORS | I-.IGNITION-SYSTEM.TURBOJET.J-85 | AIR | 87.512 | 118.338 | 946 | .22854 | 65 | 1228 | 58748000 |
| SENSORS | FIRE-DETECTION-SYSTEM | AIR | 85.8288 | 107.283 | 250 | .53454 | 65 | 1198 | 58750000 |
| SENSORS | FIRE-DETECTION-SYSTEM | AIR | 115.646 | 139.294 | 510 | .441 | 63 | 1114 | 58752000 |
| SENSORS | ANGLE-OF-ATTACK-SYS.FLT-INST | AIR | 121.359 | 212.027 | 96 | .04944 | 65 | 1227 | 58754000 |
| SENSORS | FIRE-DETECTION-SYSTEM.MIL-D-7872A | AIR | 133.333 | 216.578 | 240 | .06 | 65 | 1215 | 58756000 |
| SENSORS | FIRE/OVERHEAT-DETECTION-SYS.ENG/APU | AIR | 277.591 | 304.548 | 1392 | .71688 | 65 | 1227 | 58758000 |
| SENSORS | AIR-CONDITIONING-SYSTEM | AIR | 455.695 | 496.111 | 597 | .*1789 | 67 | 1272 | 58760000 |
| SENSORS | FIRE-DETECTION-SYSTEM.ENGINE | AIR | 547.11 | 569.496 | 3784 | .91415 | 65 | 1228 | 58762000 |
| SENSORS | FIRE-DETECTION-SYSTEM | AIR | 647.248 | 680.687 | 3248 | .70129 | 64 | 1179 | 58764000 |
| SENSORS | AIR-CONDITIONING-SYSTEM | AIR | 714.285 | 912.264 | 160 | .042 | 66 | 1225 | 58766000 |
| SENSORS | AUTOMATIC-STABILIZATION-EQUIPMENT | AIR | 2533.33 | 2947.93 | 120 | .03 | 65 | 1215 | 58768000 |
| SENSORS.ACCELERATOR.REMOTE | AIR-BORNE-FLIGHT-RECORDER | AIR | * | 96.1472 | 48 | .02472 | 65 | 1227 | 58770000 |
| SENSORS.AIR.DATA | AUTO.FLIGHT | AIR | 190 | | | | 66 | 2380 | 58772000 |
| SENSORS.AIR-DATA | AUTO-FLIGHT.B-727 | AIR | * | | | | 66 | 2380 | 58774000 |
| SENSORS.AIR-DATA | AUTO-PILOT.707-131B | AIR | 110P | | | | 66 | 2361 | 58776000 |
| SENSORS.AIR-DATA | AUTO-PILOT.707-131 | AIR | 222P | | | | 66 | 2361 | 58778000 |
| SENSORS.AIR-DATA | AUTO-PILOT.707-131 | AIR | 230P | | | | 66 | 2361 | 58780000 |
| SENSORS.AIR-DATA | AUTO-PILOT.707-131B | AIR | 270P | | | | 66 | 2364 | 58782000 |
| SENSORS.AIR-DATA | AUTO-PILOT.707-131B | AIR | 400P | | | | 65 | 2361 | 58784000 |
| SENSORS.AIR-DATA | AUTO-PILOT.707-131 | AIR | 550P | | | | 65 | 2364 | 58786000 |
| SENSORS.AIR-DATA | AUTO-PILOT.707-331 | AIR | 630P | | | | 66 | 2364 | 58788000 |
| SENSORS.AIR-DAT | AUTO-PILOT.707-331 | AIR | 670P | | | | 66 | 2361 | 58790000 |
| SENSORS.AIR-DA | AUTO-PILOT.707-331B | AIR | 680P | | | | 65 | 2361 | 58792000 |
| SENSORS.AIR-DA | AUTO-PILOT.707-331B | AIR | 690P | | | | 66 | 2361 | 58794000 |
| SENSORS.AIR-DATA | AUTO-PILOT.707-131B | AIR | 720P | | | | 66 | 2361 | 58796000 |
| SENSORS.AIR-DATA | AUTO-PILOT.707-131 | AIR | 780P | | | | 65 | 2361 | 58798000 |
| SENSORS.AIR-DATA | AUTO-PILOT.707-131B | AIR | 790P | | | | 66 | 2364 | 58800000 |
| SENSORS.AIR-DATA | AUTO-PILOT.707-131B | AIR | 840P | | | | 65 | 2364 | 58802000 |
| SENSORS.AIR-DATA | AUTO-PILOT.707-331B | AIR | 840P | | | | 66 | 2361 | 58804000 |
| SENSORS.AIR-DATA | | AIR | 903.396 | 937.789 | 152 | 1.325 | 64 | 1153 | 58806000 |
| SENSORS.AIR-DATA | AUTO-PILOT.707-131 | AIR | 910P | | | | 66 | 2364 | 58808000 |
| SENSORS.AIR-DATA | AUTO-PILOT.707-331B | AIR | 970P | | | | 66 | 2364 | 58810000 |
| SENSORS.AIR-DATA | AUTO-PILOT.707-331 | AIR | 1010P | | | | 66 | 2364 | 58812000 |
| SENSORS.AIR-DATA | AUTO-PILOT.707-331B | AIR | 1.20P | | | | 66 | 2364 | 58814000 |
| SENSORS.AIR-DATA | AUTO-PILOT.707-331 | AIR | 1540P | | | | 65 | 2361 | 58816000 |
| SENSORS.AIR-DATA | AUTO-PILOT.707-331P | AIR | 2110P | | | | 65 | 2364 | 58818000 |
| SENSORS.AIR-DATA | AUTO-PILOT.707-331 | AIR | 3390P | | | | 65 | 2364 | 58820000 |
| SENSORS.ALTITUDE | NAVIGATION.707-131B | AIR | 60P | | | | 66 | 2361 | 58822000 |
| SENSORS.ALTITUDE | NAVIGATION.707-331B | AIR | 70P | | | | 66 | 2361 | 58824000 |
| SENSORS.ALTITUDE | NAVIGATION.707-331B | AIR | 70P | | | | 66 | 2361 | 58826000 |
| SENSORS.ALTITUDE | NAVIGATION.707-131 | AIR | 130P | | | | 65 | 2361 | 58828000 |
| SENSORS.ALTITUDE | NAVIGATION.707-131 | AIR | 230P | | | | 65 | 2361 | 58830000 |
| SENSORS.ALTITUDE | NAVIGATION.707-331 | AIR | 260P | | | | 65 | 2361 | 58832000 |

PART CLASS EPT TRANSDUCERS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .UC N.O.C. | | | | | | | | | |
| SENSORS.ANGLE-OF-ATTACK | NAVIGATION.707-1318 | AIR | 400P | | | | 65 | 2381 | 58834000 |
| SENSORS.ANGLE-OF-ATTACK | NAVIGATION.707-1318 | AIR | 400P | | | | 66 | 2361 | 58836000 |
| SENSORS.ANTICIPATOR | DUCT.CARGO-COMPARTMENT.AIR-CONDITION | AIR | 121.565 | 225.497 | 76 | .04113 | 66 | 1250 | 58838000A |
| SENSORS.ANTICIPATOR | DUCT.CARGO-COMP.AIR-COND. | AIR | 161.812 | 323.363 | 48 | .02472 | 65 | 12[illegible] | 58840000 |
| SENSORS.ANTICIPATOR | DUCT.FLIGHT-STATION.AC | AIR | 283.171 | 476.169 | 48 | .02472 | 65 | 1227 | 58842000 |
| SENSORS.ANTICIPATOR | DUCT.FLIGHT-STATION.AIR-CONDITION | AIR | 622.141 | 822.669 | 76 | .04113 | 66 | 1250 | 58844000A |
| SENSORS.ANTICIPATOR | PNL.AIR-CONDITION | AIR | 644.298 | 773.225 | 152 | .08226 | 66 | 1250 | 58846000A |
| SENSORS.ANTICIPATOR | PNL.AIR-COND | AIR | 647.249 | 820.039 | 96 | .04944 | 65 | 1227 | 58848000 |
| SENSORS.ATTACK-ANGLE | STALL-WARNING-SYSTEM | AIR | 20.2265 | 78.6751 | 96 | .04944 | 65 | 1227 | 58850000 |
| SENSORS.ATTACK-ANGLE | STALL-WARNING-SYSTEM | AIR | 680.768 | 812.843 | 152 | .08226 | 66 | 1250 | 58852000 |
| SENSORS.BETA-RAY | | LAB | 14 | | | | 63 | 1138 | 58854000 |
| SENSORS.BLEED-AIR-OVERHEAT | CARGO-FLOOR.AUXILIARY-POWER-UNIT | AIR | * | 13.9975 | 304 | .1645 | 66 | 1250 | 58856000 |
| SENSORS.BLEED-AIR-OVERHEAT | WING.PYLON.AIR-CONDITIONING | AIR | * | 23.2868 | 192 | .09886 | 65 | 1227 | 58858000 |
| SENSORS.BLEED-AIR-OVERHEAT | WING.PYLON.AIR-CONDITION | AIR | .694637 | 2.70193 | 2660 | 1.4396 | 66 | 1250 | 58860000 |
| SENSORS.BLEED-AIR-OVERHEAT | CARGO-FLOOR.APU | LAB | 14 | | | | 63 | 1138 | 58862000 |
| SENSORS.CONTROL-WHEEL | AUTO-FLT-CONT-SYSTEM | AIR | * | 2.66135 | 1680 | .8652 | 65 | 1227 | 58864000 |
| SENSORS.CONTROL-WHEEL | AUTO-FLIGHT-CONTROL-SYSTEM | AIR | 72.9394 | 162.431 | 76 | .04113 | 66 | 1250 | 58866000A |
| SENSORS.COOLING.ELECTRONIC | AIR-CONDITIONING | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 58868000A |
| SENSORS.FEEDER-FAULT | ELECTRICAL-POWER.707-1318 | AIR | 300 | | | | 66 | 2361 | 58870000 |
| SENSORS.FEEDER-FAULT | ELECTRICAL-POWER.707-1318 | AIR | 1100 | | | | 65 | 2364 | 58872000 |
| SENSORS.FIRE-DETECTION | POWER-PLANT | AIR | 2514.28 | 2893.82 | 320 | .035 | 61 | 1080 | 58874000 |
| SENSORS.FIRE/OVERHEAT-DETECTION-SYSTEM | ENGINE/AUXILIARY-POWER-UNIT | AIR | 139.168 | 154.058 | 2204 | 1.1928 | 66 | 1250 | 58876000 |
| SENSORS.FLOW | | AIR | .376983 | 1.54414 | 300 | 2.519 | 65 | 1216 | 58878000A |
| SENSORS.FLOW | AIR-CONDITION | AIR | 66.6666 | 177.41 | 260 | .03 | 61 | 1080 | 58880000A |
| SENSORS.FREQUENCY | AC-POWER-SUPPLY-SYSTEM | AIR | 76.2759 | 88.4961 | 1194 | 1.0357 | 67 | 1272 | 58882000A |
| SENSORS.FUEL.PROBE | FUEL/AIR-DIELECTRIC.1-CKT | AIR | 47.1142 | 65.8137 | 1617 | .2547 | 66 | 1240 | 58884000A |
| SENSORS.FUEL.PROBE | FUEL/AIR-DIELECTRIC.2-CKT | AIR | 306.278 | 612.063 | 86 | .01306 | 66 | 1240 | 58886000A |
| SENSORS.HIGH-LIMIT | DUCT.AIR-CONDITIONING | AIR | 222.491 | 335.723 | 96 | .04944 | 65 | 1227 | 58888000 |
| SENSORS.HIGH-LIMIT | COCKPIT | AIR | 254.545 | 365.963 | 320 | .055 | 61 | 1080 | 58890000A |
| SENSORS.HIGH-LIMIT | DUCT.AIR-CONDITION | AIR | 259.288 | 342.624 | 152 | .08225 | 66 | 1250 | 58892000A |
| SENSORS.LIQUID-LEVEL | | LAB | 2.6 | | | | 63 | 1138 | 58894000 |
| SENSORS.LIQUID-LEVEL.FUEL.OVERFILL-PREVENTION | | GRD | 2272.72 | 8840.22 | | .00044 | 65 | 1207 | 58896000 |
| SENSORS.LOAD | | AIR | * | 46.5673 | 100 | .05676 | 64 | 1144 | 58898000A |
| SENSORS.OPTICAL | | LAB | 4.7 | | | | 63 | 1138 | 58900000 |
| SENSORS.OVERHEAT | CANOPY-DEFOG | AIR | * | 20.1505 | 473 | .11427 | 65 | 1228 | 58902000 |
| SENSORS.OVERHEAT | CANOPY-DEFOG | AIR | 22.8154 | 60.7152 | 406 | .08766 | 64 | 1179 | 58904000 |
| SENSORS.OVERHEAT.DUAL | APT-FUSELAGE | AIR | 175.897 | 220.482 | | .19898 | 68 | 1241 | 58906000 |
| SENSORS.PICKUP.MAGNETIC | TORQUEMETER.ENGINE-INSTRUMENTATION | AIR | 6.44496 | 14.3524 | 400 | .46548 | 65 | 1198 | 58908000 |
| SENSORS.PICKUP.MAGNETIC | TORQUEMETER.ENGINE-INSTRUMENTATION | AIR | 26.5392 | 41.8907 | 200 | .33912 | 63 | 1198 | 58910000 |
| SENSORS.PICKUP.MAGNETIC | TORQUEMETER.ENGINE-INSTRUMENTATION | AIR | 3[illegible].[illegible]3 | 47.5117 | 200 | .299 | 63 | 1114 | 58912000 |
| SENSORS.PICKUP.MAGNETIC | TORQUEMETER.ENGINE-INSTRUMENTATION | AIR | 90.6171 | 110.261 | 200 | .5[illegible]3 | 65 | 1198 | 58914000 |
| SENSORS.PICKUP.MAGNETIC | TORQUEMETER.ENGINE-INSTRUMENTATION | AIR | 1[illegible].648 | 133.673 | 408 | [illegible] | 63 | 1114 | 58916000 |
| SENSORS.POSITION | AUTO.FLIGHT | AIR | * | | | | 66 | 2380 | 58918000 |

PART CLASS ... TRANSDUCERS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| . . N.O.C. | | | | | | | | | |
| SENSORS.PRESSURE | | LAB | 3.5 | | | | 63 | 1138 | 58920000 |
| SENSORS.PRESSURE | ENGINE-COMPRESSION-CONTROL | AIR | 18.018 | 47.9486 | 640 | .111 | 61 | 1080 | 58922000A |
| SENSORS.PRESSURE | BRAKE.ANTI-SKID.LANDING-GEAR | AIR | 121.967 | 192.519 | | .07379 | 66 | 1241 | 58924000 |
| SENSORS.PRESSURE | | AIR | 150 | | | | 61 | 1068 | 58926000 |
| SENSORS.PRESSURE.TOTAL | CENTRAL-AIR-DATA-COMPUTER | SIM GRD AIR | * | 54.4092 | 195 | .04232 | 64 | 1248 | 58928000A |
| SENSORS.PRESSURE.TOTAL | T-2.IGNITION-SYSTEM.TURBOJET.J-85 | AIR | 137.443 | 197.604 | 812 | .10186 | 64 | 1179 | 58930000 |
| SENSORS.TEMPERATURE | CABIN | AIR | * | 192.947 | 31 | .01194 | 63 | 1111 | 58932000 |
| SENSORS.TEMPERATURE | | LAB | 3.3 | | | | 63 | 1138 | 58934000 |
| SENSORS.TEMPERATURE | CANOPY.DEFOG | AIR | 22.8154 | 60.7152 | 406 | .08766 | 64 | 1179 | 58936000 |
| SENSORS.TEMPERATURE | ELEMENT.FIRE-DETECTOR-SYSTEM | AIR | 73.9464 | 84.1873 | | 1.3929 | 66 | 1241 | 58938000 |
| SENSORS.TEMPERATURE | CABIN.AIR-THERMOSTAT | AIR | 76.5696 | 297.833 | 86 | .01336 | 66 | 1240 | 58940000A |
| SENSORS.TEMPERATURE | CANOPY.DEFOG | AIR | 96.2632 | 145.253 | 473 | .11427 | 65 | 1228 | 58942000 |
| SENSORS.TEMPERATURE | CARGO-COMP.AIR-COND | AIR | 121.359 | 270.258 | 48 | .02472 | 65 | 1227 | 58944000 |
| SENSORS.TEMPERATURE | | AIR | 150 | | | | 61 | 1068 | 58946000 |
| SENSORS.TEMPERATURE | FLIGHT-STATION.AIR-CONDITIONING | AIR | 222.265 | 375.19 | 48 | .02472 | 65 | 1227 | 58948000 |
| SENSORS.TEMPERATURE | CABIN.AIR-CONDITIONING | AIR | 273.785 | 360.296 | 406 | .08766 | 64 | 1179 | 58950000 |
| SENSORS.TEMPERATURE | PRE-EXIT.AIR-CONDITIONING | AIR | 283.171 | 407.119 | 96 | .04944 | 65 | 1227 | 58952000 |
| SENSORS.TEMPERATURE | CABIN.AIR-CONDITIONING | AIR | 297.54 | 374.232 | 473 | .11427 | 65 | 1228 | 58954000 |
| SENSORS.TEMPERATURE | AIR-INLET.PROBE | AIR | 306.278 | 815.053 | 43 | .01653 | 64 | 1240 | 58956000 |
| SENSORS.TEMPERATURE | COMPRESSOR.INLET.MECHANICAL | AIR | 459.419 | 806.439 | 86 | .01336 | 66 | 1240 | 58958000A |
| SENSORS.TEMPERATURE | COCKPIT | AIR | 490.909 | 635.622 | 320 | .055 | 61 | 1080 | 58960000A |
| SENSORS.TEMPERATURE | CABIN.AIR | AIR | 765.696 | 1421.32 | 43 | .01653 | 66 | 1240 | 58962000A |
| SENSORS.TEMPERATURE.RESISTANCE.BULB | | AIR | 83.3333 | 324.141 | 31 | .012 | 63 | 1111 | 58964000 |
| SENSORS.TEMPERATURE.RESISTANCE.LEAD | | AIR | 583.333 | 980.908 | 31 | .012 | 63 | 1111 | 58966000 |
| SENSORS.TEMPERATURE.LOW-LIMIT.W/S | AIR-CONDITIONING | AIR | 121.359 | 213.027 | 96 | .04944 | 65 | 1227 | 58968000 |
| SENSORS.TEMPERATURE-ANTICIPATOR | FLOOR-HEAT-SYSTEM | AIR | 80.9061 | 215.303 | 48 | .02472 | 65 | 1227 | 58970000 |
| SENSORS.TEMPERATURE-CONTROL | WING-ANTI-ICE-SYSTEM | AIR | 6.74217 | 26.225 | 288 | .14832 | 65 | 1227 | 58972000 |
| SENSORS.TEMPERATURE-CONTROL | FLOOR-HEAT-SYSTEM | AIR | 40.453 | 157.35 | 48 | .02472 | 65 | 1227 | 58974000 |
| SENSORS.VERTICAL | | GRD | * | 135.447 | 9 | .017 | 65 | 1193 | 58976000 |
| SENSORS.VERTICAL.DYNAMIC | RUDDER.AFCS | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 58978000A |
| SENSORS.VERTICAL.DYNAMIC | RUDDER.AUTO-FLIGHT-CONTROL.SYSTEM | AIR | 40.453 | 157.35 | 48 | .02472 | 65 | 1227 | 58980000 |
| SENSORS-TEMPERATURE | EQUIPMENT-COOLING-LINE | AIR | 306.278 | 612.063 | 86 | .01336 | 66 | 1240 | 58982000 |
| STALL-WARNING | INSTRUMENT-SYSTEM | AIR | 18.521 | 37.0123 | 126 | .21597 | 65 | 1155 | 58984000 |
| STRAIN-GAGE | | LAB | 12 | | | | 63 | 1138 | 58986000 |
| STRAIN-GAGE | | AIR | 120 | | | | 61 | 1068 | 58988000 |
| SWEET-WATER-ALARM | | | .00417 | | | | 61 | 2231 | 58990000 |
| THERMISTOR | | LAB | 15 | | | | 63 | 1138 | 58992000 |
| VANE-ASSEMBLY.WIND-DIRECTION | | SIM GRD AIR | * | 71.9562 | 139 | .032 | 63 | 1117 | 58994000 |

...PE AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
...TION I FAILURE RATE DATA

NONELECTRONIC PART FAILURE RATE DATA JANUARY 1968

PART CLASS ...2 TRANSDUCERS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .1 ACCELERATION | | | | | | | | | |
| SENSORS,REMOTE | AIRBORNE-FLIGHT-RECORDER | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 589960000A |
| .21 ALTITUDE | | | | | | | | | |
| SENSOR | NAVIGATION.707-131B | AIR | 334.5 | | | | 57 | 2L1 | 58998000 |
| SENSOR | NAVIGATION.707-131B | AIR | 70P | | | | 66 | 2362 | 59000000 |
| SENSOR | NAVIGATION.880 | AIR | 80P | | | | 65 | 2362 | 59003000 |
| SENSOR | NAVIGATION.727 | AIR | 80P | | | | 66 | 2360 | 59004000 |
| SENSOR | NAVIGATION.707-131B | AIR | 90P | | | | 66 | 2360 | 59006000 |
| SENSOR | NAVIGATION.707-131 | AIR | 130P | | | | 66 | 2364 | 59008000 |
| SENSOR | NAVIGATION.707-331 | AIR | 150P | | | | 65 | 2362 | 59010000 |
| SENSOR | NAVIGATION.331C/731C | AIR | 150P | | | | 65 | 2364 | 59012000 |
| SENSOR | NAVIGATION.7 7-331B | AIR | 250P | | | | 66 | 2365 | 59014000 |
| SENSORS | | AIR | 26.P | | | | 65 | 2362 | 59016000 |
| | | GRD | 3.4 | | | | 63 | 1138 | 59018000 |
| .27 FREQUENCY | | | | | | | | | |
| GENERATORS | AC-POWER-SUPPLY-SYSTEM | AIR | 122.16 | 157.871 | 946 | .22854 | 65 | 1229 | 590280000 |
| SENSORS | AC-POWER-SUPPLY-SYSTEM | AIR | 159.707 | 205.794 | 812 | .17532 | 64 | 1179 | 59022000 |
| .43 FLIGHT LEVEL | | | | | | | | | |
| SENSORS,FUEL | TANK,MAIN | AIR | 242.105 | 320.561 | 76 | .095 | 64 | 1266 | 59024000A |
| .52 PRESSURE, GAS | | | | | | | | | |
| HYDROGEN | HYDROGEN.AND.OXYGEN.SYSTEM.MODULES | QUAL TEST | 166.666C | 648.283C | 8 | .006C | 66 | 2340 | 59026000A |
| HYDROGEN | | LAB | 166.666C | 648.283C | 8 | .006C | 66 | 1264 | 59028000 |
| OXYGEN | HYDROGEN.AND.OXYGEN.SYSTEM.MODULES | QUAL TEST | 166.666C | 648.283C | 8 | .006C | 66 | 2340 | 59030000A |
| OXYGEN | | LAB | 166.666C | 648.283C | 8 | .006C | 66 | 1264 | 59032000 |
| .65 RESISTANCE | | | | | | | | | |
| .74 TEMPERATURE | | SAT | * | 9.39376 | 36 | .24512 | 66 | 1226 | 59034000 |
| AIR-MANIFOLD | | SUB | 281.69 | 749.61 | 30 | .171 | 65 | 1246 | 59036000 |
| DUCT-MINUS 5 DEG-F | AIR-CONDITIONING-SYSTEM | AIR | 285.714 | 570.967 | | .014 | 61 | 1082 | 59038000 |
| DUCT-NORMAL-FLOW | AIR-CONDITIONING-SYSTEM | AIR | 166.666 | 443.525 | 31 | .012 | 63 | 1111 | 59040000 |
| PRESSURE | AIR-CONDITIONING-SYSTEM | AIR GND | * | 387.643 | | .00554 | 62 | 2320 | 59042000 |
| RESISTANCE | | AIR CRU | 555.55 | 1124.71 | | .00554 | 62 | 2320 | 59044000 |
| | | AIR GND | 84.175 | 327.415 | | .01188 | 62 | 2320 | 59046000 |
| | | AIR | 250 | 438.837 | 62 | .024 | 63 | 1111 | 59048000 |

PART CLASS P52 TRANSDUCERS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | GRASS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .74 TEMPERATURE | | | | | | | | | |
| SENSOR,DUCT,125,DEG-F | AIR-CONDITIONING-SYSTEM | AIR GND | 54.1167 | 215.277 | | .01782 | 62 | 2320 | 5905000A |
| SENSOR,DUCT-AIR-LIM | AIR-CONDITIONING,727 | AIR | 90P | | | | 66 | 2360 | 5905700A |
| SENSOR,DUCT-AIR-LIM | AIR-CONDITIONING,727 | AIR | 140P | | | | 65 | 2360 | 5905+00A |
| SENSOR,DUCT-AIR-LIM | AIR-CONDITIONING,727 | AIR | 150P | | | | 66 | 2360 | 5905600A |
| SENSOR,DUCT-AIR-LIMIT | AIR-CONDITIONING,727 | AIR | 150P | | | | 65 | 2365 | 5905800A |
| SENSOR,DUCT-REVERSE-FLOW | AIR-CONDITIONING-SYSTEM | AIR GND | * | 387.643 | | .00594 | 62 | 2320 | 5906000A |
| SENSOR,ELEMENT-CABIN | AIR-CONDITIONING,727 | AIR | 90P | | | | 66 | 2360 | 5905200A |
| SENSOR,ELEMENT-CABIN | AIR-CONDITIONING,727 | AIR | 140P | | | | 65 | 2360 | 5906400A |
| SENSOR,PLATE-MOUNTED-125-DEG-F | AIR-CONDITIONING-SYSTEM | AIR GND | * | 77.5286 | | .02970 | 62 | 2320 | 5906600A |
| SENSOR,PLATEMOUNTED-97-DEG-F | AIR-CONDITIONING-SYSTEM | AIR GND | * | 387.643 | | .00594 | 62 | 2320 | 5906800A |
| SENSOR-DUCT-[illegible]-DEG-F | AIR-CONDITIONING-SYSTEM | AIR GND | 505.05 | 1124.71 | | .00594 | 62 | 2320 | 5907000A |
| SENSOR-DUCT-76-DEG-F | AIR-CONDITIONING-SYSTEM | AIR GND | 168.35 | 654.831 | | .00594 | 62 | 2320 | 5907200A |
| SENSORS | CARGO-DEFOG | AIR | 30.8945 | 43.452 | 597 | .51789 | 67 | 1272 | 5907400A |
| SENSORS | CARGO-COMPARTMENT,AIR-CONDITION | AIR | 121.565 | 225.447 | 76 | .04113 | 66 | 1250 | 5907600A |
| SENSORS | FLIGHT-STATION,AIR-CONDITION | AIR | 340.389 | 489.375 | 76 | .04113 | 66 | 1250 | 5907800A |
| SENSORS | PDU-EXIT,AIR-CONDITION | AIR | 474.106 | 587.09 | 152 | .08226 | 66 | 1250 | 5908000A |
| SENSORS,ANTICIPATOR | FLOOR-HEAT-SYSTEM | AIR | 97.2526 | 194.348 | 76 | .04113 | 66 | 1253 | 5908200A |
| SENSORS,CONTROL | WING-ANTI-ICE-SYSTEM | AIR | 4.05186 | 15.7605 | 456 | .2466 | 66 | 1255 | 5908400A |
| SENSORS,CONTROL | FLOOR-HEAT-SYSTEM | AIR | 121.565 | 225.447 | 76 | .04113 | 66 | 1250 | 5908600A |
| SENSORS,LOW-LIMIT,W/S | AIR-CONDITION | AIR | 255.288 | 342.624 | 152 | .08226 | 66 | 1250 | 5908800A |
| .8C VIBRATION | | | | | | | | | |
| | | SEA MSL | 100300 | 388676 | 27 | .00001 | 64 | 1130 | 5909000A |
| PICKUP,ENGINE-VIBRATION | | AIR | 54.7112 | 75.2471 | 608 | .329 | 66 | 1250 | 5909200A |

PART CLASS 905 TRAPS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | VA OF AFI | DATA SRCE | CROSS INDEX REF | NO |
|---|---|---|---|---|---|---|---|---|---|---|
| .00 N.O... | WATER-SEPARATOR.AIR-CONDITIONING SYSTEM | AIR | 0 | 192.847 | 31 | .01344 | 63 | TEI | 5900 | 6000 |

PART CLASS 904 TRAYS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART QUALIFICATION | BASE HOURS | YR OF DATA REPT | LOCN INDEX SPEC | REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .NO N.O.C. | | | | | | | | | |
| | BATTERY,DC-POWER-SUPPLY | AIR | * | 19.7868 | ICJ | .11637 | 65 | 1196 | 5908a0[illegible] |
| | VALVE,20MM-GUN | GRD | 10R | 36.8978 | * | .1R | 64 | 1134 | 3[illegible]5005 |

PART CLASS 905 THREADS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF DATA | DATA SRCE | CROSS INDEX REF | NO |
|---|---|---|---|---|---|---|---|---|---|---|
| .00 M.S.C. | | | | | | | | | | |
| | DOOR.MECHANICAL.FORWARD-ENTRANCE | AIR | * | 95.1472 | 48 | .02472 | 65 | 1227 | 59100000 | |
| | DOOR.MECHANICAL.FORWARD-ENTRANCE | AIR | * | 95.9884 | 76 | .04113 | 66 | 1250 | 59102G00A | |

SECTION I FAILURE RATE DATA

PART CLASS 906 TRIGGERS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.E.C. | | | | | | | | | |
| | INSTRUCTORS-SEAT | AIR | 0 | 10.0752 | 946 | .22654 | 65 | 1228 | 59104000 |
| | STUDENT-SEAT | AIR | 1.93106 | 5.13884 | 1194 | 1.0357 | 67 | 1272 | 59106000 |
| | INSTRUCTOR-SEAT | AIR | 4.82765 | 8.955 | 1194 | 1.0357 | 67 | 1272 | 59108000 |
| | STUDENT-SEAT | AIR | 8.7512 | 23.2882 | 946 | .22834 | 65 | 1228 | 59110000 |

PART CLASS 607 MOUNTINGS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.E.C. | | | | | | | | | |
| | STRUT.DRAG.MAIN-LANDING-GEAR | AIR | * | 23.1719 | | .09937 | 63 | 1123 | 59112000 |
| | STABILIZING-JACK-SYSTEM | AIR | * | 46.9736 | 96 | .04944 | 65 | 1227 | 59114000 |
| | STRUT.TENSION.MAIN-LANDING-GEAR | AIR | * | 23.1719 | | .09937 | 63 | 1123 | 59116000 |
| | LANDING-GEAR.NOSE | AIR | * | 17.7903 | | .12943 | 63 | 1123 | 59118000 |
| | STRUT.LANDING-GEAR.NOSE | AIR | * | 55.9834 | 74 | .04113 | 64 | 1250 | 59120000 |
| | LANDING-GEAR.MAIN | AIR | * | 48.2219 | 124 | .04775 | 63 | 1111 | 59122000 |
| | STRUT.SHOCK.MAIN-LANDING-GEAR | AIR | * | 23.1719 | | .09937 | 63 | 1123 | 59124000 |
| | STRUT.LANDING-GEAR.NOSE | AIR | * | 93.1472 | 46 | .02472 | 65 | 1227 | 59126000 |
| | TIP-PROTECTION-GEAR | AIR | * | 96.4641 | 62 | .02387 | 63 | 1111 | 59128000 |
| | SHAFT.LANDING-GEAR.MAIN | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 59130000 |
| | SUPPORT.INSTRUCTOR-SEAT | AIR | * | 20.1905 | 473 | .11427 | 65 | 1228 | 59132000 |
| | SUPPORT.AFT.MAIN-LANDING-GEAR | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 59134000 |
| | STABILIZING-JACK-SYSTEM | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 59136000A |
| | SHAFT.LANDING-GEAR.MAIN | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 59138000 |
| | SUPPORT.FORWARD.MAIN-LANDING-GEAR | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 59140000 |
| | SUPPORT.STUDENT-SEAT | AIR | 1.93091 | 7.51066 | 597 | .51789 | 67 | 1272 | 59142000 |
| | SUPPORT.INSTRUCTOR-SEAT | AIR | 5.76273 | 12.9 | 597 | .51789 | 67 | 1272 | 59144000 |
| | SUPPORT.STUDENT-SEAT | AIR | 8.7512 | 34.0395 | 473 | .11427 | 65 | 1228 | 59146000 |
| | SUPPORT.STUDENT-SEAT | AIR | 11.4077 | 44.3725 | 406 | .08766 | 64 | 1179 | 59148000 |
| | SUPPORT.INSTRUCTOR-SEAT | AIR | 11.4077 | 44.3725 | 406 | .08766 | 64 | 1179 | 59150000 |
| | LANDING-GEAR.MAIN | AIR | 54.0647 | 64.5597 | 1194 | 1.0357 | 67 | 1272 | 59152000 |
| | LANDING-GEAR.NOSE | AIR | 61.2584 | 103.009 | 473 | .11427 | 65 | 1228 | 59154000 |
| | LANDING-GEAR.NOSE | AIR | 63.72 | 80.4361 | 597 | .51789 | 67 | 1272 | 59156000 |
| | LANDING-GEAR.NOSE | AIR | 68.4462 | 120.147 | 406 | .08766 | 64 | 1179 | 59158000 |
| | LANDING-GEAR.MAIN | AIR | 74.3852 | 103.29 | 946 | .22854 | 65 | 1228 | 59160000 |
| | LANDING-GEAR.MAIN | AIR | 205.338 | 256.548 | 812 | .17532 | 64 | 1179 | 59162000 |
| | ATTACH.WING | AIR | 309.935 | 393.501 | 1194 | 1.0357 | 67 | 1272 | 59164000 |
| ADJUST | AILERON-TRIM-TAB | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 59166000 |
| AILERON-HORN | | AIR | * | 11.5859 | | .19874 | 63 | 1123 | 59168000 |
| ATTACH.WING | | AIR | * | 13.1336 | 812 | .17532 | 64 | 1179 | 59170000 |
| ATTACH.WING | | AIR | 157.521 | 196.805 | 946 | .22854 | 65 | 1228 | 59172000 |
| JETTISON | FUEL-SYSTEM | AIR | * | 4.94672 | 400 | .46548 | 65 | 1198 | 59174000 |

RADC AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y. NONELECTRONIC PART FAILURE RATE DATA JANUARY 1968

SECTION I FAILURE RATE DATA

PART CLASS 908 TRUSSES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.E.C. | | | | | | | | | |
| | ENGINE-MOUNT.WING.OUTER | AIR | * | 4.94672 | 400 | .46548 | 65 | 1198 | 59176000 |
| | ENGINE-MOUNT.WING.CENTER | AIR | * | 4.94672 | 400 | .46548 | 65 | 1198 | 59176000 |
| | ARRESTING-HOOK-SYSTEM | AIR | 83.3487 | 131.561 | 63 | .10798 | 65 | 1155 | 59130000 |
| ASSEMBLY | ARRESTING-HOOK | AIR | 166.666 | 229.225 | | .108 | 63 | 2104 | 59182000 |

PART CLASS 920 TUBES

PART DESCRIPTION .10 TORQUE

| FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | % OF APP | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|
| DOOR.EMERGENCY.SIDE-EXIT | AIR | * | 29.2868 | 192 | .04936 | 65 | 1227 | 59184000 |
| RUDDER-ASSEMBLY | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 59186000 |
| DOOR.LANDING-GEAR.MAIN | AIR | * | 13.9975 | 304 | .1645 | 66 | 1250 | 59188000 |
| ELEVATOR-ASSEMBLY | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 59190000 |
| FLIGHT-STABILIZING.AILERON-CONTROL | AIR | * | 27.1597 | 50 | .08478 | 63 | 1198 | 59192000 |
| DOOR.ELEC.AIR-SPOILER.PARATROOP | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 59194000 |
| ELEVATOR-CONTROL-SYSTEM | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 59196000 |
| RUDDER.FLIGHT-CONTROL | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 59198000A |
| LOCK.CANOPY.STUDENT | AIR | * | 20.1505 | 475 | .11427 | 65 | 1228 | 59200000 |
| RUDDER-ASSEMBLY | AIR | * | 18.1435 | 80 | .12691 | 65 | 1198 | 59202000 |
| FLIGHT-STABILIZING.AILERON-CONTROL | AIR | * | 9.86544 | 200 | .23274 | 65 | 1198 | 59204000 |
| RUDDER-SYSTEM | AIR | * | 10.0752 | 946 | .22854 | 65 | 1228 | 59206000 |
| WING-FLAP-ASSEMBLY | AIR | * | 192.847 | 31 | .01164 | 63 | 1111 | 59208000 |
| DOOR.HYDRAULIC.PETAL | AIR | * | 27.9917 | 152 | .08226 | 66 | 1256 | 59210000A |
| FLIGHT-STABILIZING.ELEVATOR-ASSEMBLY | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 59212000 |
| FLIGHT-STABILIZING.ELEVATOR-ASSEMBLY | AIR | * | 27.1597 | 50 | .08478 | 63 | 1198 | 59214000 |
| WING-FLAP-ASSEMBLY | AIR | * | .824448 | 2400 | 2.7925 | 65 | 1198 | 59216000 |
| FLIGHT-STABILIZING.AILERON-CONTROL | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 59218000 |
| RUDDER.FLIGHT-CONTROL | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 59220000 |
| DOOR.ELECTRIC.AIR-SPOILER.PARATROOP | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 59222000 |
| ELEVATOR-CONTROL-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 59224000 |
| DOOR.LANDING-GEAR.MAIN | AIR | * | 23.2868 | 192 | .09888 | 65 | 1227 | 59226000 |
| DOOR.EMERGENCY.SIDE-EXIT | AIR | * | 13.9975 | 304 | .1645 | 66 | 1250 | 59228000A |
| FLIGHT-STABILIZING.ELEVATOR-ASSEMBLY | AIR | * | 10.1435 | 50 | .12691 | 65 | 1198 | 59230000 |
| LOCK.CANOPY.INSTRUCTOR | AIR | * | 26.2673 | 406 | .08766 | 64 | 1179 | 59232000 |
| WING-FLAP-ASSEMBLY | AIR | .342595 | 1.33259 | 1150 | 2.9189 | 65 | 1198 | 59234000 |
| WING-FLAP-ASSEMBLY | AIR | 1.47438 | 3.92355 | 800 | 1.3569 | 63 | 1198 | 59236000 |
| WING-FLAP-ASSEMBLY | AIR | 1.66805 | 4.43894 | 800 | 1.199 | 63 | 1114 | 59238000 |
| WING-FLAP-SYSTEM | AIR | 1.4018 | 4.79486 | 2054 | 1.11 | 66 | 1250 | 59240000 |
| WING-FLAP-SYSTEM | AIR | 4.49276 | 10.005 | 1296 | .66774 | 65 | 1227 | 59242000 |
| RUDDER-SYSTEM | AIR | 5.79273 | 12.9 | 597 | .51789 | 67 | 1272 | 59244000 |
| LOCK.CANOPY.INSTRUCTOR | AIR | 7.72364 | 15.4348 | 597 | .51789 | 67 | 1272 | 59246000 |
| RUDDER-ASSEMBLY | AIR | 7.72364 | 15.4348 | 597 | .51789 | 67 | 1272 | 59248000 |
| LOCK.CANOPY.INSTRUCTOR | AIR | 8.7512 | 34.0395 | 475 | .11427 | 65 | 1228 | 59250000 |
| RUDDER-SYSTEM | AIR | 11.4077 | 30.3576 | 812 | .17532 | 64 | 1179 | 59252000 |
| LOCK.CANOPY.STUDENT | AIR | 11.5854 | 20.3363 | 597 | .51789 | 67 | 1272 | 59254000 |
| RUDDER-ASSEMBLY | AIR | 13.3333 | 51.8626 | 80 | .075 | 63 | 1114 | 59256000 |
| STABILIZER.HORIZONTAL | AIR | 13.5163 | 22.7285 | 597 | .51789 | 67 | 1272 | 59258000 |
| DOOR.LANDING-GEAR.MAIN | AIR | 14.8551 | 33.0814 | | .20193 | 63 | 1123 | 59260000 |
| STABILIZER.HORIZONTAL | AIR | 17.5024 | 46.3765 | 475 | .11427 | 65 | 1228 | 59262000 |
| DOOR.HYDRAULIC.PETAL | AIR | 20.2265 | 78.6751 | 96 | .04944 | 65 | 1227 | 59264000 |
| RUDDER-CONTROL-SYSTEM | AIR | 20.2265 | 78.6751 | 96 | .04944 | 65 | 1227 | 59266000 |
| STABILIZER.HORIZONTAL | AIR | 22.8154 | 60.7152 | 406 | .08766 | 64 | 1179 | 59268000 |
| RUDDER-ASSEMBLY | AIR | 23.5904 | 62.7777 | 50 | .00478 | 63 | 1198 | 59270000 |
| RUDDER-CONTROL-SYSTEM | AIR | 24.3131 | 64.7009 | 152 | .08226 | 66 | 1250 | 59272000 |

PART CLASS S2C TUBES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 60 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .2C VENTURI | | | | | | | | | |
| | AIR-CONDITIONING-SYSTEM | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 59274000 |
| | CONTROL.CABIN-PRESSURE.AIR-CONDITION | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 59276000A |
| | CONTROL.CABIN-PRESSURE.AIR-CONDITION | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 59278000 |
| FLOW-LIMITING | BLEED-AIR-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 59280000 |
| FLOW-LIMITING | BLEED-AIR-SYSTEM | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 59282000 |
| MASS-FLOW | AIR-CONDITIONING.727 | AIR | 90P | | | | 66 | 2360 | 59284000 |
| MASS-FLOW | AIR-CONDITIONING.727 | AIR | 100P | | | | 66 | 2365 | 59286000 |
| MASS-FLOW | AIR-CONDITIONING.727 | AIR | 280P | | | | 66 | 2360 | 59288000 |
| MASS-FLOW | AIR-CONDITIONING.727 | AIR | 320P | | | | 66 | 2365 | 59290000 |
| MASS-FLOW | AIR-CONDITIONING.727 | AIR | 610P | | | | 65 | 2365 | 59292000 |
| MASS-FLOW | AIR-CONDITIONING.727 | AIR | 690P | | | | 65 | 2360 | 59294000 |
| .3C N.O.C. | | | | | | | | | |
| | PERCOLATOR.TANK.INTEGRAL-TYPE.FUEL-SYSTEM | AIR | * | 9.07178 | 100 | .25362 | 65 | 1198 | 59296000 |
| | DOOR.EMERGENCY.FORWARD-ESCAPE-HATCH | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 59298000 |
| | MOUNT.ENGINE.AFT.WING.OUTER | AIR | * | 9.69344 | 200 | .23274 | 65 | 1198 | 59300000 |
| | PERCOLATOR.TANK.INTEGRAL-TYPE.FUEL-SYSTEM | AIR | * | 6.78992 | 200 | .33912 | 63 | 1198 | 59302000 |
| | DOOR.EMERGENCY.FORWARD-ESCAPE-HATCH | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 59304000A |
| | MOUNT.ENGINE.WING.CENTER | AIR | * | 9.69344 | 200 | .23274 | 65 | 1198 | 59306000 |
| | SUPPORT.SEAT.CARGO-COMPARTMENT | AIR | .24558 | .955231 | 7524 | 4.072 | 66 | 1250 | 59308000 |
| | ELIMINATOR.WATER-SEPARATOR.AIR-CONDITION.CARGO | AIR | 8.89679 | 13.7069 | 750 | 1.124 | 63 | 1114 | 59310000 |
| | ELIMINATOR.WATER-SEPARATOR.AIR-CONDITION.CARGO | AIR | 9.43618 | 13.9825 | 750 | 1.2717 | 63 | 1198 | 59312000 |
| | BUFFER.LOADER.20MM-GUN | AIR GND | 10R | 19.9838R | 28 | .4R | 64 | 1134 | 59314000 |
| | CLUTCH-VALVE.LOADER.20MM-GUN | AIR GND | 10R | 38.8977 | 7 | .1R | 64 | 1134 | 59316000 |
| | HARNESS.FUEL-ENRICHMENT.ELECTRICAL-SYSTEM | AIR | 13.629 | 22.91 | 528 | .51361 | 65 | 1201 | 59318000 |
| | ELIMINATOR.WATER-SEPARATOR.AIR-CONDITION.FLIGHT-DECK | AIR | 18.6432 | 25.075 | 750 | 1.124 | 63 | 1114 | 59320000 |
| | ELIMINATOR.WATER-SEPARATOR.AIR-CONDITION.FLIGHT-DECK | AIR | 22.8041 | 29.251 | 750 | 1.2717 | 63 | 1198 | 59322000 |
| | GAS-EJECTION.20MM-GUN | AIR GND | 30R | 52.6605R | 4 | .2R | 64 | 1134 | 59324000 |
| | RAM-VALVE.LOADER.20MM-GUN | AIR GND | 40R | 79.9355R | 7 | .1R | 64 | 1134 | 59326000 |
| | SKID.MAIN.LH/RH | HELI | 1474.65 | 2064.27 | 40 | .01285 | 65 | 1257 | 59328000 |
| | PERCOLATOR.TANK.INTEGRAL-TYPE.FUEL-SYSTEM | AIR | * | 4.94672 | 400 | .46548 | 65 | 1198 | 59330000 |
| AIR.LEAKAGE.DIFFUSER-EXHAUST | TURBOJET.J85 | AIR | 2.1878 | 8.50988 | 1892 | .45708 | 65 | 1228 | 59332000 |
| AIR.LEAKAGE.DIFFUSER-EXHAUST | TURBOJET.J85 | AIR | 4.90865 | 19.0933 | 1624 | .20372 | 64 | 1179 | 59334000 |
| BLAST | POWER-PLANT | AIR | 13.8908 | 24.3932 | 252 | .43194 | 65 | 1155 | 59336000 |

SECTION I FAILURE RATE DATA

PART CLASS 920 TUBES

| PART DESCRIPTION .30 M.E.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX PART NO |
|---|---|---|---|---|---|---|---|---|---|
| BLEED | AFT-COMPRESSOR.BASIC-ENGINE | AIR | 1.947 | 7.57325 | 528 | .91346 | 65 | 1201 | 59318000 |
| CONTROL | ELEVATOR.SYNCHRONIZED | HELI | 8.25423 | 21.9657 | 280 | .2423 | 66 | 1257 | 59340000 |
| CONTROL | ELEVATOR.SYNCHRONIZED | HELI | 11.2739 | 43.8925 | 280 | .0887 | 66 | 1257 | 59342000 |
| CONTROL | CYCLE.AFT/MIXING-LEVER | HELI | 21.4606 | 48.2368 | 160 | .1335 | 66 | 1257 | 59344000 |
| CONTROL | STAB/BAR-TO-DAMPER.MAIN-ROTOR | HELI | 147.058 | 391.545 | 40 | .0136 | 66 | 1257 | 59344000 |
| CONTROL | STAB/BAR-TO-DAMPER.MAIN-ROTOR | HELI | 434.782 | 656.053 | 80 | .0253 | 66 | 1257 | 59344000 |
| CONTROL | STAB/BAR-TO-DAMPER.MAIN-ROTOR | HELI | 1213.87 | 1401.85 | 80 | .0692 | 66 | 1257 | 59350000 |
| CONTROL | SCISSORS/STAB-BAR.MAIN-ROTOR | HELI | 1397.06 | 1904.59 | 40 | .0136 | 66 | 1257 | 59352000 |
| CONTROL | STAB/BAR/SCISSORS.MAIN-ROTOR | HELI | 1843.31 | 2402.63 | 40 | .01085 | 66 | 1257 | 59354000 |
| DRIVE | WING-SPOILER-SYSTEM | AIR | * | 3.58258 | 1248 | .64272 | 65 | 1227 | 59356000 |
| DRIVE | WING-SPOILER-SYSTEM | AIR | * | 2.15347 | 1776 | 1.069 | 66 | 1250 | 59356000 |
| FUEL | MAIN-OVERBOARD-VENT | AIR | * | 46.3393 | | .04969 | 63 | 1123 | 59360000A |
| INCLINOMETER.FLUID-FILLED. INDICATING | | AIR | 36.7647 | 68.1785 | 638 | .136 | 66 | 1255 | 59362000 |
| INVER | INFLIGHT-REFUEL-SYSTEM | AIR | 45.9086 | 102.251 | 1 | .06535 | 66 | 1241 | 59364000 |
| INTERCONNECT | THROTTLE.ENGINE-CONTROL-SYSTEM | AIR | * | 13.9975 | 304 | .1645 | 66 | 1250 | 59366000 |
| INTERCONNECT | THROTTLE.ENGINE-CONTROL-SYSTEM | AIR | * | 23.2868 | 192 | .09886 | 65 | 1227 | 59368000 |
| LUBE | SUN-GEAR.REDUCTION-GEAR | AIR | .389393 | 1.51462 | 2640 | 2.5681 | 65 | 1201 | 59370000 |
| LUBE | SUN-GEAR.REDUCTION-GEAR | AIR | 1.10305 | 1.66449 | 8580 | 9.9725 | 65 | 1201 | 59372000 |
| LUBE | SUN-GEAR.REDUCTION-GEAR | AIR | 2.11003 | 4.21667 | 2000 | 1.8917 | 65 | 1201 | 59374000 |
| MIDDLE | SUN-GEAR.REDUCTION-GEAR | AIR | 2.18447 | 4.36843 | 1220 | 1.8911 | 65 | 1201 | 59376000 |
| PERFORATED | INFLIGHT-REFUEL-SYSTEM | AIR | 9.6871 | 37.6799 | | .10328 | 66 | 1241 | 59378000 |
| PITOT-STATIC | PURGE-SYSTEM.FUEL | AIR | * | 6.78992 | 200 | .33912 | 63 | 1198 | 59380000 |
| PITOT-STATIC | | HELI | 28.9017 | 112.419 | 40 | .0346 | 66 | 1257 | 59382000 |
| PUSH-PULL | PITCH-TRIM-ACTUATOR | HELI | 185.185 | 720.514 | 20 | .0054 | 66 | 1257 | 59384000 |
| PUSH-PULL | PITCH-TRIM-ACTUATOR | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 59386000 |
| SUPPORT | COWLING.ENGINE-NACELLE.TURBOPROP | AIR | * | 93.1472 | 46 | .02472 | 65 | 1227 | 59388000 |
| SUPPORT | SEAT.CARGO-COMPARTMENT | AIR | * | 1.23469 | 1680 | 1.8619 | 65 | 1198 | 59390000 |
| SUPPORT | SENSORS.FIRE-DETECTION-SYSTEM | AIR | * | .940874 | 4752 | 2.4473 | 65 | 1227 | 59392000A |
| TELESCOPING | DOOR.MECHANICAL.CREW | AIR | 4.29664 | 11.434 | 400 | .46548 | 65 | 1198 | 59394000A |
| TELESCOPING | DOOR.MECHANICAL.CREW | AIR | 55.1571 | 92.7499 | 50 | .12691 | 65 | 1198 | 59396000 |
| TELESCOPING | DOOR.MECHANICAL.CREW | AIR | 64.1818 | 115.682 | 102 | .088 | 63 | 1114 | 59398000 |
| TELESCOPING | DOOR.MECHANICAL.CREW | AIR | 103.119 | 152.001 | 156 | .11637 | 65 | 1198 | 59400000 |
| TELESCOPING | DOOR.MECHANICAL.CREW | AIR | 129.747 | 195.739 | 50 | .08478 | 63 | 1198 | 59402000 |
| TIRE | LANDING-GEAR.NOSE | AIR | 146.606 | 221.308 | 50 | .075 | 63 | 1114 | 59404000 |
| TIRE | TIP-PROTECTION-GEAR | AIR | 13.8903 | 30.9339 | 126 | .21597 | 64 | 1155 | 59406000 |
| TIRE | LANDING-GEAR.MAIN | AIR | 41.6935 | 162.953 | 62 | .02387 | 63 | 1111 | 59408000 |
| TIRE | LANDING-GEAR.NOSE | AIR | 46.3027 | 71.3369 | 126 | .21597 | 64 | 1155 | 59410000 |
| TIRE | LANDING-GEAR.MAIN | AIR | 91.076 | 110.128 | 424 | .538 | 64 | 1266 | 59412000 |
| 18X5.5 | | AIR | 20542.2 | 2027.89 | 848 | 1.077 | 64 | 1266 | 59414000 |
| 44X9.9 | | AIR | 27.7777 | 48.7997 | | .216 | 63 | 2101 | 59416000 |
| | | AIR | 92.5925 | 129.208 | | .216 | 63 | 2101 | 59418000 |

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
SECTION I FAILURE RATE DATA

NONELECTRONIC PART FAILURE RATE DATA JANUARY 1968

PART CLASS [illegible] TUBES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90% CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .** GEAR | | | | | | | | | |
| | COMBUSTION.BASIC-ENGINE | AIR | * | 2.2E79 | 400 | 1.0153 | 65 | 1198 | 594200[illegible] |
| | OVERBOARD.GALLEY | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 594270[illegible] |
| | COMBUSTION.BASIC-ENGINE | AIR | * | 24.1109 | 248 | .0955 | 63 | 1111 | 594[illegible] |
| | COMBUSTION.BASIC-ENGINE | AIR | 1. 7414 | 4.17811 | 800 | .93047 | 65 | 1198 | 594260[illegible] |
| | COMBUSTION.BASIC-ENGINE | AIR | 1.47442 | 5.72537 | 400 | .67823 | 63 | 1198 | 594[illegible] |
| | COMBUSTION.BASIC-ENGINE | AIR | 1.06044 | 6.49365 | 400 | .599 | 63 | 1114 | 594300[illegible] |
| | COMBUSTION.BASIC-ENGINE | AIR | 5.66572 | 11.3223 | 816 | .776 | 63 | 1114 | 594340[illegible] |
| .** OIL | | | | | | | | | |
| | BEARING.TURBINE.REAR.POWER-SECTION | AIR | .5[illegible]1379 | 1.95021 | 1716 | 1.9545 | 65 | 1201 | 594[illegible] |
| | PINION-SHAFT-GEAR.REDUCTION-GEAR | AIR | 1.79079 | 6.96567 | 708 | .55841 | 65 | 1201 | 594[illegible] |
| | TURBINE.REAR.LUBE-SYSTEM | AIR | 1.947 | 7.57325 | 528 | .51361 | 65 | 1201 | 594380[illegible] |
| | BEARING.TURBINE.REAR | AIR | 2.63754 | 10.2592 | 400 | .37914 | 65 | 1201 | 594400[illegible] |
| | TURBINE.REAR.POWER-SECTION | AIR | 2.73059 | 10.6212 | 244 | .36622 | 65 | 1201 | 594420[illegible] |
| | BEARING.TURBINE.REAR.POWER-SECTION | AIR | 4.86121 | 18.9088 | 260 | .20571 | 65 | 1201 | 594440[illegible] |
| DELIVERY.CARRIER | REDUCTION-GEAR | AIR | 1.79079 | 6.96567 | 708 | .55841 | 65 | 1201 | 594460[illegible] |
| DELIVERY.CARRIER | REDUCTION-GEAR | AIR | 1.947 | 7.57325 | 528 | .51361 | 65 | 1201 | 594[illegible] |
| DELIVERY.CARRIER | REDUCTION-GEAR | AIR | 5.46119 | 14.633 | 244 | .36622 | 65 | 1201 | 594500[illegible] |
| PRESSURE | TUBE-SYSTEM | AIR | 1.947 | 7.57325 | 528 | .51361 | 65 | 1201 | 594520[illegible] |
| PRESSURE | COMBUSTION-CHAMBER.INNER | AIR | 5.841 | 13.0375 | 528 | .51361 | 65 | 1201 | 594540[illegible] |
| .** PITOT | | | | | | | | | |
| | INSTRUMENT-SYSTEM | AIR | 639.007 | 745.337 | 63 | .13798 | 65 | 1155 | 594560[illegible] |
| | | AIR | 1217.77 | 1428.76 | | .108 | 63 | 2102 | 594580[illegible] |
| | | AIR | 30.1044 | 81.4429 | | .06535 | 66 | 1241 | 594600[illegible] |
| FA-18 F/A-18-HELLMOUTH-SYSTEM | | AIR | 517.246 | 594.13 | | .138 | 59 | 1079 | 594620[illegible] |
| STATIC | | AIR | 12.4781 | 48.5363 | | .08014 | 63 | 1123 | 594640[illegible] |
| STATIC.ELECTRICALLY-HEATED | | | | | | | | | |

PART CLASS 921 TUBING, CASINGS, AND SLEEVING

| PART DESCRIPTION .00 N.E.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF APP | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| LINES | FUEL-SYSTEM.APU | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | [illegible] |
| LINES | FUEL-DISTRIBUTION-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | [illegible] |
| LINES | FUEL-VENT-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | [illegible] |
| LINES | BLEED-AIR-VALVE.COMPRESSOR.BASIC-ENGINE | AIR | * | 23.2868 | 192 | .09888 | 65 | 1227 | [illegible] |
| LINES | DROGUE-CHUTE/PILOT | AIR | * | 33.7921 | | .06814 | 63 | 1123 | [illegible] |
| LINES | OIL-SYSTEM.AUX-POWER-UNIT | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | [illegible] |
| LINES | FUEL-SYSTEM.AUXILIARY-POWER-UNIT | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | [illegible] |
| LINES | OIL-CLUSTER-ASSEMBLY.APU | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | [illegible] |
| LINES | RAIN-REPELLANT-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | [illegible] |
| LINES | RAIN-REPELLANT-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | [illegible] |
| LINES | INTERCONNECT.FUEL-SYSTEM | AIR | * | 26.2673 | 406 | .08766 | 64 | 1179 | [illegible] |
| LINES | SIPHON-BREAK.FUEL-SYSTEM | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | [illegible] |
| LINES | RELIEF.THERMAL.FUEL-SYSTEM | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | [illegible] |
| LINES | JETTISON.FUEL-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | [illegible] |
| LINES | FUEL-VENT-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | [illegible] |
| LINES | FUEL-DISTRIBUTION-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | [illegible] |
| LINES | OIL-SYSTEM.AUXILIARY-POWER-UNIT | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | [illegible] |
| LINES | JETTISON.FUEL-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | [illegible] |
| LINES | OIL-CLUSTER-ASSEMBLY.GTC.AUX-POWER-PLANT | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | [illegible] |
| LINES | | LAB | .2 | | | | 63 | 1198 | [illegible] |
| LINES | FUEL-CONTROL/TEMP-DATUM-VALVE | AIR | .501379 | 1.95021 | 1716 | 1.9945 | 65 | 1201 | [illegible] |
| LINES | SENSING.STARTER.REDUCTION-GEAR-SYSTEM | AIR | 2.14832 | 8.35632 | 400 | .46548 | 65 | 1198 | [illegible] |
| LINES | SENSING.STARTER.REDUCTION-GEAR-SYSTEM | AIR | 2.83206 | 11.0189 | 408 | .393 | 63 | 1114 | [illegible] |
| LINES | SENSING.STARTER.REDUCTION-GEAR-SYSTEM | AIR | 2.9488 | 11.4699 | 200 | .33912 | 63 | 1198 | [illegible] |
| LINES | SENSING.STARTER.REDUCTION-GEAR-SYSTEM | AIR | 3.34448 | 13.009 | 200 | .299 | 63 | 1114 | [illegible] |
| LINES | SENSING.STARTER.REDUCTION-GEAR-SYSTEM | AIR | 5.90981 | 13.1607 | 200 | .50763 | 65 | 1198 | [illegible] |
| LINES | BLEED-AIR-VALVE.COMPRESSOR.BASIC-ENGINE | AIR | 6.07902 | 23.6455 | 304 | .1645 | 66 | 1250 | [illegible] |
| LINES | INTERCONNECT.FUEL-SYSTEM | AIR | 8.7512 | 34.0395 | 473 | .11427 | 65 | 1228 | [illegible] |
| LINES | PLUMB(BOOMWEIGHT).STABILIZER.HORIZONTAL | AIR | 22.8154 | 60.7152 | 406 | .08766 | 64 | 1179 | [illegible] |
| LINES | FUEL.SINGLE-POINT-REFUELING-SYSTEM | AIR | 24.3131 | 94.5708 | 76 | .04113 | 66 | 1250 | [illegible] |
| LINES | OXYGEN-SYSTEM.C/C | AIR | 40.453 | 157.35 | 48 | .02472 | 65 | 1227 | [illegible] |
| LINES | FIRE-EXTINGUISHER-SYSTEM | AIR | 40.453 | 157.35 | 48 | .02472 | 65 | 1227 | [illegible] |
| LINES | FIRE-EXTINGUISHER-SYSTEM | AIR | 46.6263 | 129.401 | 76 | .04113 | 66 | 1250 | [illegible] |
| LINES | OIL-CLUSTER-ASSEMBLY.GTC.AUX-POWER-PLANT | AIR | 58.9761 | 109.397 | 50 | .08478 | 63 | 1198 | [illegible] |
| LINES | FUEL-CLUSTER-ASSEMBLY.GTC.AUX-POWER-PLANT | AIR | 60.1529 | 101.15 | 50 | .11637 | 65 | 1198 | [illegible] |

PART CLASS 521 TUBING, CASINGS, AND SLEEVING

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | (RMS) INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .UC N.U.C. | | | | | | | | | |
| LINES | FUEL-SYSTEM | AIR | 60.7902 | 93.6574 | 304 | .1645 | 66 | 1250 | [illegible] |
| LINES | FUEL-SYSTEM | AIR | 151.699 | 215.335 | 192 | .09858 | 65 | 1227 | [illegible] |
| LINES | OXYGEN-SYSTEM.CARGO-COMPARTMENT | AIR | 219.818 | 345.392 | 76 | .04113 | 66 | 1250 | [illegible] |
| LINES | FUEL-CLUSTER-ASSEMBLY. AUXILIARY-POWER-UNIT | AIR | 291.757 | 432.325 | 76 | .04113 | 66 | 1250 | [illegible] |
| LINES | GTC-CLUSTER-ASSEMBLY.GTC.AUX-POWER-PLANT | AIR | 299.424 | 371.812 | 50 | .12691 | 65 | 1198 | [illegible] |
| LINES | FUEL.TANK/ENGINE | AIR | 323.452 | 347.296 | 1194 | 1.0337 | 67 | 1272 | [illegible] |
| LINES.CONTROL | DROGUE/STABILIZER-CHUTE | AIR | * | 43.7921 | | .06814 | 63 | 1123 | [illegible] |
| LINES.COOLING | AIR-INDUCTION.ENGINE-NACELLE | AIR | * | 4.93598 | 200 | .50765 | 65 | 1198 | [illegible] |
| LINES.COOLING | AIR-INDUCTION.ENGINE-NACELLE | AIR | * | 4.94672 | 400 | .46548 | 65 | 1198 | [illegible] |
| LINES.COOLING | AIR-INDUCTION.ENGINE-NACELLE | AIR | * | 6.73992 | 200 | .33912 | 65 | 1198 | [illegible] |
| LINES.DRAIN | WATER-SEPARATOR.AIR-COND.CARGO-COMPT | AIR | 8.59328 | 33.4252 | 100 | .11637 | 65 | 1198 | [illegible] |
| LINES.DRAIN | WATER-SEPARATOR.AIR-COND.FLT-DECK | AIR | 11.3636 | 44.2011 | 102 | .088 | 63 | 1114 | [illegible] |
| LINES.DRAIN | WATER-SEPARATOR.AIR-COND.FLT-DECK | AIR | 15.7591 | 41.9375 | 50 | .12691 | 65 | 1198 | [illegible] |
| LINES.DRAIN | WATER-SEPARATOR.AIR-COND.FLT-DECK | AIR | 17.1665 | 45.736 | 100 | .11637 | 65 | 1198 | [illegible] |
| LINES.DRAIN | WATER-SEPARATOR.AIR-COND.CABIN | AIR | 17.5024 | 46.5765 | 473 | .11427 | 65 | 1228 | [illegible] |
| LINES.DRAIN | WATER-SEPARATOR.AIR-COND.CARGO-COMPT | AIR | 22.7272 | 60.4806 | 102 | .088 | 63 | 1114 | [illegible] |
| LINES.DRAIN | WATER-SEPARATOR.AIR-COND.CARGO-COMPT | AIR | 23.6387 | 52.642 | 50 | .12691 | 65 | 1198 | [illegible] |
| LINES.DRAIN | WATER-SEPARATOR.AIR-COND.FLT-DECK | AIR | 94.3618 | 153.275 | 50 | .08478 | 63 | 1198 | [illegible] |
| LINES.DRAIN | WATER-SEPARATOR.AIR-COND.CARGO-COMPT | AIR | 106.157 | 167.563 | 50 | .08478 | 63 | 1198 | [illegible] |
| LINES.DRAIN | WATER-SEPARATOR.AIR-COND.FLT-DECK | AIR | 106.666 | 173.262 | 50 | .075 | 63 | 1114 | [illegible] |
| LINES.DRAIN | WATER-SEPARATOR.AIR-COND.CARGO-COMPT | AIR | 120 | 189.413 | 50 | .075 | 63 | 1114 | [illegible] |
| LINES.DRAIN.WATER-SEPARATOR | AIR-CONDITIONING.CABIN | AIR | 15.4472 | 25.0916 | 597 | .51789 | 67 | 1272 | [illegible] |
| LINES.FLEXIBLE | PROPELLANT | GRD | 914.634 | 2036.82 | 51 | .00328 | 62 | 1113 | [illegible] |
| LINES.FLEXIBLE.PROPELLANT | | GRD | 931.677 | 2074.78 | | .00333 | 62 | 213 | [illegible] |
| LINES.FUEL | SINGLE-POINT-REFUELING-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | [illegible] |
| LINES.FUEL | FUEL-CLUSTER-ASSEMBLY.AUX-PWR-UNIT | AIR | 121.359 | 270.258 | 48 | .02472 | 65 | 1227 | [illegible] |
| LINES.FUEL | FUEL-CLUSTER-ASSEMBLY.GTC.AUX-POWER-PLANT | AIR | 153.338 | 223.613 | 50 | .08478 | 63 | 1198 | [illegible] |
| LINES.FUEL | TANK/ENGINE | AIR | 188.227 | 237.588 | 812 | .17532 | 64 | 1179 | [illegible] |
| LINES.FUEL | TANK/ENGINE | AIR | 205.653 | 249.695 | 946 | .22854 | 65 | 1228 | [illegible] |
| LINES.FUEL | FUEL-CLUSTER.ASSEMBLY.GTC.AUX-POWER-PLANT | AIR | 299.424 | 371.812 | 50 | .12691 | 65 | 1198 | [illegible] |
| LINES.HIGH-PRESSURE | | GRD | 15.9014 | 31.7771 | | .25155 | 62 | 213 | [illegible] |
| LINES.HOSE | MASK/REGULATOR.FLT-STA-OXYGEN-SYSTEM | AIR | * | 10.3496 | 432 | .22248 | 65 | 1227 | [illegible] |
| LINES.HOSE | MASK/REGULATOR. FLIGHT-STA-OXYGEN-SYSTEM | AIR | * | 6.21988 | 684 | .3702 | 66 | 1250 | [illegible] |
| LINES.HOSE | RECHARGE.OXYGEN.C/C | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | [illegible] |
| LINES.HOSE | RECHARGE.OXYGEN.FIXED-SYS.FLIGHT-STA | AIR | * | 31.049 | 144 | .07416 | 65 | 1227 | [illegible] |
| LINES.HOSE | RECHARGE.OXYGEN.CARGO-COMPARTMENT | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | [illegible] |
| LINES.HOSE | TORQUE-SHAFT-ANTI-ICE.ENGINE | AIR | * | 4.94672 | 400 | .46548 | 65 | 1198 | [illegible] |
| LINES.HOSE | PNEUMATIC-LANDING-GEAR.EMERGENCY | AIR | * | 3.84253 | | .59924 | 66 | 1241 | [illegible] |
| LINES.HOSE | | LAB | 2 | | | | 63 | 1138 | [illegible] |
| LINES.HOSE | FILTER.FUEL-SYSTEM | AIR | 5.46119 | 14.533 | 244 | .36622 | 65 | 1201 | [illegible] |

PART CLASS 421 TUBING, CASINGS, AND SLEEVING

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .LL N.O.. | | | | | | | | | |
| LINES.HOSE | BREATHER.OXYGEN.FIXED-SYSTEM | AIR | 11.1762 | 16.291 | 1000 | 1.1637 | 65 | 1198 | 59614C |
| LINES.HOSE | RECHARGE.OXYGEN.FIXED-SYSTEM. FLIGHT-STA | AIR | 14.2074 | 43.1304 | 228 | .1234 | 66 | 1255 | 59618D |
| LINES.HOSE | ACTUATOR.TIP-PROTECTION-GEAR | AIR | 20.9424 | 81.4596 | 124 | .04773 | 63 | 1111 | 596 |
| LINES.HOSE | MANIFOLD.FUEL-DISTRIBUTION | AIR | 25.1319 | 35.6695 | 930 | .35811 | 63 | 1111 | 5962 |
| LINES.HOSE | RECHARGE.OXYGEN.FIXED-SYSTEM | AIR | 25.7798 | 38.2064 | 400 | .46548 | 65 | 1198 | 596 |
| LINES.HOSE | PUMP-IN.HYDRAULIC-POWER-SUPPLY | AIR | 26.5192 | 52.7015 | 812 | .17532 | 64 | 1179 | 596 |
| LINES.HOSE | BREATHER.OXYGEN.FIXED-SYSTEM | AIR | 35.4107 | 66.4331 | 408 | .706 | 63 | 1114 | 596 |
| LINES.HOSE | PUMP-IN.HYDRAULIC-POWER-SUPPLY | AIR | 52.5172 | [illegible] | 946 | .22854 | 65 | 1228 | 596 |
| LINES.HOSE | RECHARGE.OXYGEN.FIXED-SYSTEM | AIR | 57.7832 | [illegible] | 150 | .38072 | 65 | 1198 | 596 |
| LINES.HOSE | BREATHER.OXYGEN.FIXED-SYSTEM | AIR | 58.1109 | [illegible] | 400 | 1.0153 | 65 | 1198 | 596 |
| LINES.HOSE | RECHARGE.OXYGEN.FIXED-SYSTEM | AIR | 64.1509 | [illegible] | 306 | .4265 | 63 | 1114 | 596 |
| LINES.HOSE | RECHARGE.OXYGEN.FIXED-SYSTEM | AIR | 66.8396 | 131 | 150 | .25434 | 63 | 1198 | 596 |
| LINES.HOSE | RECHARGE.OXYGEN.FIXED-SYS.FLIGHT-STA | AIR | 71.1111 | 1848 | 150 | .225 | 63 | 1114 | 596 |
| LINES.HOSE | REGULATOR-TIP-MASK | AIR | 93.75 | [illegible].775 | 112 | .032 | 59 | 1116 | 596 |
| LINES.HOSE | OXYGEN-SUPPLY.EMERGENCY | AIR | 100.644 | 166.688 | | .04968 | 63 | 1123 | 596 |
| LINES.HOSE | BALLISTIC.EJECTION-SYSTEM | AIR | 102.669 | 102.353 | 406 | .28766 | 64 | 1179 | 596 |
| LINES.HOSE | BREATHER.OXYGEN.FIXED-SYSTEM | AIR | 182.828 | 205.719 | 400 | .67823 | 63 | 1198 | 596 |
| LINES.HOSE | BREATHER.OXYGEN.FIXED-SYSTEM | AIR | 190.317 | 215.257 | 400 | .599 | 63 | 1114 | 596 |
| LINES.HOSE | BALLISTIC.EJECTION-SYSTEM | AIR | 201.277 | 266.503 | 473 | .11427 | 65 | 1228 | 596 |
| LINES.HOSE | ENGINE-FUEL | AIR | 251.256 | 559.53 | 31 | .01194 | 63 | 1111 | 596 |
| LINES.HOSE | BALLISTIC.EJECTION-SYSTEM | AIR | 314.736 | 348.743 | 597 | .51789 | 67 | 1272 | 596 |
| LINES.HOSE | SEAT-PAN/OXYGEN-MASK | AIR | 342.822 | 481.071 | | .04667 | 63 | 1123 | 596 |
| LINES.HOSE | OXYGEN-SUPPLY | AIR | 418.76 | 776.77* | 31 | .01194 | 63 | 1111 | 596 |
| LINES.HOSE | OXYGEN-SUPPLY.BAILOUT-BOTTLE | AIR | 559.957 | 773.086 | | .04667 | 63 | 1123 | 596 |
| LINES.HOSE | ASSEMBLY.SPOILER-ACTUATOR | AIR | 1230.53 | 1311.97 | 868 | .334 | 65 | 1111 | 596 |
| LINES.HOSE.FLEXIBLE | OXYGEN-SYSTEM | GRD | 124.764 | 148.658 | 1892 | .45708 | 65 | 1228 | 596 |
| LINES.HOSE.FLEXIBLE | OXYGEN-SYSTEM | AIR | 134.94 | 162.746 | 1624 | .35064 | 64 | 1179 | 596 |
| LINES.HOSE.FLEXIBLE | OXYGEN-SYSTEM | AIR | 269.852 | 285.04 | 2388 | 2.0715 | 67 | 1272 | 596 |
| LINES.HOSE.FLEXIBLE | ANTI-G-SUIT | AIR | 353.639 | 419.346 | 812 | .17532 | 64 | 1179 | 596 |
| LINES.HOSE.FLEXIBLE | | AIR | 618.238 | 1235.47 | 93 | .00647 | 63 | 1125 | 596 |
| LINES.HOSE.FLEXIBLE | ANTI-G-SUIT | AIR | 634.086 | 702.852 | 946 | .22854 | 65 | 1228 | 596 |
| LINES.HOSE.FLEXIBLE | ANTI-G-SUIT | AIR | 711.598 | 746.383 | 1194 | 1.0357 | 67 | 1272 | 596 |
| LINES.HOSE.FUEL-DISTRIB | | AIR | 111.7 | 181.439 | 186 | .07162 | 63 | 1111 | 596 |
| LINES.HOSE.HYDRAULIC | SPEED-BRAKE-SYSTEM | AIR | * | 10[illegible]752 | 946 | .22854 | 65 | 1228 | 596 |
| LINES.HOSE.HYDRAULIC | AILERON-SYSTEM | AIR | * | 10[illegible]752 | 946 | .22854 | 65 | 1228 | 596 |
| LINES.HOSE.HYDRAULIC | SPEED-BRAKE-SYSTEM | AIR | .965531 | 3.73562 | 1194 | 1.0357 | 67 | 1272 | 596 |
| LINES.HOSE.HYDRAULIC | STEERING.LANDING-GEAR | AIR | 2.86642 | 11.1417 | 300 | .34911 | 65 | 1198 | 596 |
| LINES.HOSE.HYDRAULIC | LANDING-GEAR | AIR | 4.[illegible]4858 | 16.7738 | 912 | .494 | 66 | 1250 | 596 |
| LINES.HOSE.HYDRAULIC | AILERON-SYSTEM | AIR | 5.70385 | 22.1862 | 812 | .17532 | 64 | 1179 | 596 |
| LINES.HOSE.HYDRAULIC | LANDING-GEAR | AIR | 10.1132 | 22.5215 | 576 | .29664 | 65 | 1227 | 596 |
| LINES.HOSE.HYDRAULIC | STEERING.LANDING-GEAR | AIR | 11.8194 | 26.321 | 104 | .25382 | 65 | 1198 | 596 |
| LINES.HOSE.HYDRAULIC | AILERON-SYSTEM | AIR | 13.5174 | 19.4341 | 1194 | 1.0357 | 67 | 1272 | 596 |
| LINES.HOSE.HYDRAULIC | STEERING.LANDING-GEAR | AIR | 17.0455 | 37.959 | 204 | .176 | 63 | 1114 | 59700000 |
| LINES.HOSE.HYDRAULIC | STEERING.LANDING-GEAR | AIR | 31.1111 | 52.3151 | 150 | .225 | 63 | 1114 | 59702000 |

PART CLASS SEAL TUBING, CASINGS, AND SLEEVING

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| LINES.HOSE.HYDRAULIC | STEERING.LANDING-GEAR | AIR | 31.4539 | 51.2918 | 192 | .25434 | 63 | 1198 | 59764000 |
| LINES.HOSE.HYDRAULIC | LANDING-GEAR | AIR | 33.358 | 40.6805 | 900 | 1.349 | 63 | 1114 | 59764000 |
| LINES.HOSE.HYDRAULIC | LANDING-GEAR | AIR | 34.7313 | 41.6811 | 900 | 1.526 | 63 | 1198 | 59768000 |
| LINES.HOSE.HYDRAULIC | HORIZONTAL-STABILIZER | AIR | 42.247 | 46.6411 | 4776 | 4.7423 | 67 | 1272 | 59713000 |
| LINES.HOSE.HYDRAULIC | HORIZONTAL-STABILIZER | AIR | 44.9087 | 62.5592 | 3248 | .70128 | 64 | 1179 | 59712000 |
| LINES.HOSE.HYDRAULIC | HORIZONTAL-STABILIZER | AIR | 50.3199 | 61.2284 | 3784 | .91615 | 65 | 1228 | 59714000 |
| LINES.HOSE.HYDRAULIC | LANDING-GEAR | AIR | 63.1355 | 74.3844 | 400 | 1.2153 | 65 | 1198 | 59716000 |
| LINES.HOSE.HYDRAULIC | LANDING-GEAR | AIR | 67.6713 | 79.9672 | 800 | .930097 | 65 | 1198 | 59718000 |
| LINES.HOSE.HYDRAULIC | STEERING.NOSEWHEEL | AIR | 70.0096 | 113.719 | 473 | .11427 | 65 | 1228 | 59720000 |
| LINES.HOSE.HYDRAULIC | RUDDER-SYSTEM | AIR | 77.002 | 99.7012 | 1624 | .350E4 | 64 | 1179 | 59722000 |
| LINES.HOSE.HYDRAULIC | LANDING-GEAR | AIR | 79.3201 | 94.7089 | 816 | .706 | 63 | 1114 | 59724000 |
| LINES.HOSE.HYDRAULIC | STEERING.NOSEWHEEL | AIR | 102.669 | 102.057 | 406 | .08766 | 64 | 1179 | 59726000 |
| LINES.HOSE.HYDRAULIC | LANDING-GEAR | AIR | 120.967 | 171.712 | 544 | .124 | 63 | 1114 | 59728000 |
| LINES.HOSE.HYDRAULIC | LANDING-GEAR.MAIN | AIR | 125.484 | 189.346 | 408 | .08766 | 64 | 1179 | 59730000 |
| LINES.HOSE.HYDRAULIC | STEERING.NOSEWHEEL | AIR | 129.371 | 152.076 | 597 | .51799 | 67 | 1272 | 59732000 |
| LINES.HOSE.HYDRAULIC | BRAKE-SYSTEM | AIR | 136.892 | 202.846 | 406 | .08766 | 64 | 1179 | 59734000 |
| LINES.HOSE.HYDRAULIC | RUDDER-SYSTEM | AIR | 139.512 | 150.028 | 2388 | 2.0715 | 67 | 1272 | 59736000 |
| LINES.HOSE.HYDRAULIC | BRAKE-SYSTEM.LANDING-GEAR | AIR | 156.403 | 181.115 | 597 | .51799 | 67 | 1272 | 59738000 |
| LINES.HOSE.HYDRAULIC | LANDING-GEAR.NOSE | AIR | 159.707 | 229.014 | 406 | .08766 | 64 | 1179 | 59740000 |
| LINES.HOSE.HYDRAULIC | BRAKE-SYSTEM.LANDING-GEAR | AIR | 218.78 | 286.262 | 73 | .11427 | 65 | 1228 | 59742000 |
| LINES.HOSE.HYDRAULIC | LANDING-GEAR.NOSE | AIR | 239.433 | 269.41 | 597 | .51789 | 67 | 1272 | 59744000 |
| LINES.HOSE.HYDRAULIC | LANDING-GEAR.NOSE | AIR | 306.292 | 383.928 | 473 | .11427 | 65 | 1228 | 59746000 |
| LINES.HOSE.HYDRAULIC | TRANSMISSION.MAIN | HELI | 337.186 | 422.654 | 129 | .1038 | 66 | 1257 | 59748000 |
| LINES.HOSE.HYDRAULIC | RUDDER-SYSTEM | AIR | 441.935 | 503.798 | 946 | .22854 | 65 | 1228 | 59750000 |
| LINES.HOSE.HYDRAULIC.HI-PRESSURE | CONTROL-SYSTEM | GRD | 4782.6 | 7210.58 | | .0023 | 62 | 1135 | 59752000 |
| LINES.HOSE.HYDRAULIC-MEDIUM-PRESSURE | CONTROL-SYSTEM | GRD | 434.782 | 1651.17 | | .0023 | 62 | 1135 | 59754000 |
| LINES.HOSE.PRESSURE | | LAB | 3.9 | | | | 63 | 1138 | 59756000 |
| LINES.HOSE.PRESSURE | PUMP.HYDRAULIC-POWER-SUPPLY | AIR | 126.892 | 162.765 | 946 | .22854 | 65 | 1228 | 59758000 |
| LINES.HOSE.PRESSURE | PUMP.HYDRAULIC-POWER-SUPPLY | AIR | 138.07 | 154.078 | 1194 | 1.0357 | 67 | 1272 | 59760000 |
| LINES.HOSE.PRESSURE | PUMP/HYDRAULIC-POWER-SUPPLY | AIR | 142.596 | 186.579 | 812 | .17532 | 64 | 1179 | 59762000 |
| LINES.HOSE.PUMP-IN | HYDRAULIC-POWER-SUPPLY | AIR | 47.3109 | 57.2067 | 1194 | 1.0357 | 67 | 1272 | 59764000 |
| LINES.HOSE.TEFLON | SPOILER-CONTROL | AIR | 335.008 | 669.676 | 31 | .01194 | 63 | 1111 | 59766000 |
| LINES.HYDRAULIC | AUX-POWER-UNIT | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 59768000 |
| LINES.HYDRAULIC | STALL-WARNING-SYSTEM | AIR | • | 55.9834 | 76 | .04113 | 66 | 1250 | 59770000 |
| LINES.HYDRAULIC | STEERING | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 59772000 |
| LINES.HYDRAULIC | STALL-WARN-SYSTEM | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 59774000 |
| LINES.HYDRAULIC | STEERING | AIR | • | 55.9834 | 76 | .04113 | 66 | 1250 | 59776000 |
| LINES.HYDRAULIC | RUDDER-CONTROL-SYSTEM | AIR | • | 55.929 | 76 | .04117 | 66 | 1250 | 59778000 |
| LINES.HYDRAULIC | AUXILIARY-POWER-UNIT | AIR | • | 55.9834 | 76 | .04113 | 66 | 1250 | 59780000 |
| LINES.HYDRAULIC | STEERING.PIVOT.(M=MILES) | GRD | 8.1103M | 31.5466M | 30 | .1233M | 66 | 1255 | 59782000 |
| LINES.HYDRAULIC | WING-FLAP-SYSTEM | AIR | 40.453 | 157.35 | 48 | .02472 | 65 | 1227 | 59784000 |
| LINES.HYDRAULIC | WING-FLAP-SYSTEM | AIR | 48.6263 | 129.401 | 76 | .04113 | 66 | 1250 | 59786000 |
| LINES.HYDRAULIC | LANDING-GEAR.NOSE | AIR | 48.6263 | 129.401 | 76 | .04113 | 66 | 1250 | 59788000 |

PART CLASS 921 TUBING, CASINGS, AND SLEEVING

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| . . N.E.C. | | | | | | | | | |
| LINES.HYDRAULIC | ELEVATOR-CONTROL-SYSTEM | AIR | 72.9394 | 162.431 | 76 | .04113 | 66 | 1250 | 5979[illegible] |
| LINES.HYDRAULIC | RUDDER-CONTROL-SYSTEM | AIR | 80.9061 | 215.303 | 48 | .02472 | 65 | 1227 | 5979[illegible] |
| LINES.HYDRAULIC | LANDING-GEAR.NOSE | AIR | 80.9061 | 215.303 | 48 | .02472 | 65 | 1227 | 5979[illegible] |
| LINES.HYDRAULIC | THRUST-REVERSER-SYSTEM | AIR | 80.9061 | 131.418 | 192 | .09888 | 65 | 1227 | 5979[illegible] |
| LINES.HYDRAULIC | AILERON-CONTROL-SYSTEM | AIR | 80.9061 | 215.303 | 48 | .02472 | 65 | 1227 | 5979[illegible] |
| LINES.HYDRAULIC | PITCH-TRIM-ACTUATOR | AIR | 97.2526 | 194.346 | 76 | .04113 | 66 | 1250 | 5980[illegible] |
| LINES.HYDRAULIC | AILERON-CONTROL-SYSTEM | AIR | 97.2526 | 194.348 | 76 | .04113 | 66 | 1250 | 5980[illegible] |
| LINES.HYDRAULIC | THRUST-REVERSER-SYSTEM | AIR | 103.343 | 143.502 | 304 | .1645 | 66 | 1250 | 5980[illegible] |
| LINES.HYDRAULIC | WING-SPOILER-SYSTEM | AIR | 121.359 | 270.258 | 48 | .02472 | 65 | 1227 | 5980[illegible] |
| LINES.HYDRAULIC | WING-SPOILER-SYSTEM | AIR | 145.878 | 256.068 | 76 | .04113 | 66 | 1250 | 5980[illegible] |
| LINES.HYDRAULIC | ELEVATOR-CONTROL-SYSTEM | AIR | 167.812 | 323.363 | 48 | .02472 | 65 | 1227 | 5981[illegible] |
| LINES.HYDRAULIC | NO-1-HYDRAULIC-SYSTEM | AIR | 283.171 | 476.169 | 48 | .02472 | 65 | 1227 | 5981[illegible] |
| LINES.HYDRAULIC | LANDING-GEAR.MAIN | AIR | 283.171 | 476.169 | 48 | .02472 | 65 | 1227 | 5981[illegible] |
| LINES.HYDRAULIC | NO-3-HYDRAULIC-SYSTEM | AIR | 291.757 | 432.325 | 76 | .04113 | 66 | 1250 | 5981[illegible] |
| LINES.HYDRAULIC | NO-2-HYDRAULIC-SYSTEM | AIR | 291.757 | 432.325 | 76 | .04113 | 66 | 1250 | 5981[illegible] |
| LINES.HYDRAULIC | LANDING-GEAR | AIR | 323.624 | 525.679 | 48 | .02472 | 65 | 1227 | 5982[illegible] |
| LINES.HYDRAULIC | LANDING-GEAR.MAIN | AIR | 340.384 | 489.375 | 76 | .04113 | 66 | 1250 | 5982[illegible] |
| LINES.HYDRAULIC | PITCH-TRIM-ACTUATOR | AIR | 404.53 | 623.246 | 48 | .02472 | 65 | 1227 | 5982[illegible] |
| LINES.HYDRAULIC | NO-1-HYDRAULIC-SYSTEM | AIR | 437.636 | 661.903 | 76 | .04113 | 66 | 1250 | 5982[illegible] |
| LINES.HYDRAULIC | NO-3-HYDRAULIC-SYSTEM | AIR | 485.436 | 719.318 | 48 | .02472 | 65 | 1227 | 5983[illegible] |
| LINES.HYDRAULIC | LANDING-GEAR | AIR | 486.263 | 657.351 | 76 | .04113 | 66 | 1250 | 5983[illegible] |
| LINES.HYDRAULIC | NO-2-HYDRAULIC-SYSTEM | AIR | 525.889 | 766.907 | 48 | .02472 | 65 | 1227 | 5983[illegible] |
| LINES.OIL | CLUSTER-ASSEMBLY. AUXILIARY-POWER-UNIT | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 5983[illegible] |
| LINES.OIL | ENGINE/CONSTANT-SPEED-DRIVE-SYSTEM | AIR | 42.5531 | 71.5556 | 304 | .1645 | 66 | 1250 | 5983[illegible] |
| LINES.OIL | CONSTANT-SPEED-DRIVE-SYSTEM | AIR | 85.1063 | 122.358 | 304 | .1645 | 66 | 1250 | 5984[illegible] |
| LINES.OIL | ENGINE/CSD-SYSTEM | AIR | 111.245 | 167.861 | 192 | .09868 | 65 | 1227 | 5984[illegible] |
| LINES.OIL | CSD-SYSTEM | AIR | 111.245 | 167.861 | 192 | .09898 | 65 | 1227 | 5984[illegible] |
| LINES.PRESSURE | | AIR | 14.3437 | 25.1783 | 6871 | .4183 | 63 | 1125 | 5984[illegible] |
| LINES.PRESSURE | CHECKOUT.FUEL-SYSTEM | GRD | 83.752 | 329.77 | 31 | .01194 | 63 | 1111 | 5984[illegible] |
| LINES.PRESSURE.HIGH | | AIR | 15.9362 | 31.9468 | 3893 | .251 | 62 | 1113 | 5985[illegible] |
| LINES.VACUUM | PHOTOGRAPHIC-EQUIPMENT | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 5985[illegible] |
| LINES.VENT | BATTERY.DC-POWER-SUPPLY | AIR | 512.723 | 744.942 | 62 | .02387 | 63 | 1111 | 5985[illegible] |
| LINES.WATER | SUPPLY.GALLEY | AIR | * | 19.7868 | 100 | .11037 | 65 | 1198 | 5985[illegible] |
| LINES-AND-FITTINGS.FUEL | RECEPTACLE.IN-FLIGHT | AIR | 1857.14 | 2708.27 | | .007 | 61 | 1082 | 5985[illegible] |
| LINES-AND-FITTINGS.FUEL. HOSE | | AIR | 67.4603 | 93.679 | | .242 | 61 | 1082 | 5985[illegible] |
| LINES-AND-FITTINGS.FUEL. QUICK-DISCONNECT | | AIR | 8.92857 | 34.7254 | | .112 | 61 | 1082 | 5986[illegible] |
| LINES-FITTINGS | | AIR | 782 | | | | 57 | 211 | 5986[illegible] |
| LINES-FITTINGS | | AIR GND | 1944 | | | | 61 | 212 | 5986[illegible] |
| LINES-FITTINGS. | | MSL | 12.9205 | 45.8679 | | .078 | 57 | 212 | 5986[illegible] |
| LINES-FITTINGS. QUICK-DISCONNECT | | MSL | 2* | | | | 58 | 213 | 5986[illegible] |
| LINES-FITTINGS. QUICK-DISCONNECT | | MSL | 251 | 972.425 | | .004 | 57 | 214 | 5987[illegible] |

SECTION I FAILURE RATE DATA

PART CLASS SET TUBING, CASINGS, AND SLEEVING

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| ..0 N.O.C. | | | | | | | | | |
| LINES-FITTINGS.FUEL.OIL | | AIR GND | 858 | | | | 61 | 212 | 59872000 |
| LINES-FITTINGS.FUEL.OIL | | AIR | 858 | | | | 57 | 211 | 59874000 |
| LINES-FITTINGS.FUEL.OIL | | AIR | 1.40 | | | | 57 | 211 | 59876000 |
| LINES-FITTINGS.TUBING | | AIR | 64.3 | | | | 57 | 211 | 59878000 |
| LINES-FITTINGS.TUBING | | AIR | 85 | | | | 57 | 211 | 59880000 |
| LINES-FITTINGS.TUBING | | AIR | 174 | | | | 57 | 211 | 59882000 |
| THERMO | INFRARED-SEARCH-AND-TRACK | AIR | 158 | | 1 | | 66 | 2006 | 59884000 |
| TUBING.CARBON-MONOXIDE | | AIR GND | 85.9 | | | | 61 | 212 | 59886000 |
| TUBING.LINES-AND-FITTINGS | | AIR SHP GRD | 25 | | | | 58 | 212 | 59888000 |
| TUBING.OXYGEN | | AIR SHP GRD | 15 | | | | 58 | 212 | 59890000 |
| TUBING.OXYGEN | | AIR GND | 64.3 | | | | 61 | 212 | 59892000 |
| TUBING.OXYGEN | | AIR SHP GRD | 103.773 | 156.586 | | .106 | 58 | 212 | 59894000 |
| TUBING.PNEUMATIC | | LAB | .516636 | 2.00955 | | 1.9356 | 63 | 2230 | 59896000 |
| TUBING.THERMO | | | 156.25 | 607.765 | | .00640 | 63 | 217 | 59898000 |
| TUBING.VACUUM-SYSTEM | | AIR GND | 174 | | | | 61 | 212 | 59900000 |
| TUBING-ASSEMBLIES | AILERON-SYSTEM | AIR | 11.477 | 44.3725 | 406 | .08766 | 64 | 1179 | 59902000 |
| TUBING-ASSEMBLIES | MANIFOLD.OXYGEN-SYSTEM | AIR | 2..814 | 228.475 | 597 | .51749 | 67 | 1272 | 59904000 |
| TUBING-ASSEMBLIES. | PNEUMATIC-SYSTEM | GRD | .794029 | 3.08853 | 150 | 1.2594 | 65 | 1216 | 59906000A |
| TUBING-ASSEMBLIES. | MANIFOLD.OXYGEN-SYSTEM | AIR | 17.524 | 46.5765 | 473 | .11427 | 65 | 1228 | 59908000 |
| TUBING-ASSEMBLIES. | PITOT-STATIC-SYSTEM | AIR | 167.564 | 445.753 | 31 | .01194 | 63 | 1111 | 59910000 |
| TUBING-ASSEMBLIES.FUEL | MAIN-CELL-OUTLET.R/H | AIR | 8 | 46.3486 | | .04968 | 63 | 1123 | 59912000 |
| TUBING-ASSEMBLIES.FUEL | VALVE-AFT.R/H | AIR | 6 .3864 | 134.476 | | .04968 | 63 | 1123 | 59914000 |
| TUBING-ASSEMBLIES.FUEL | MAIN-LANDING-GEAR-WELL.R/H | AIR | 1..644 | 186.685 | | .04968 | 63 | 1123 | 59916000 |
| TUBING-ASSEMBLIES.HYDRAULIC | HORIZONTAL-STABILIZER | AIR | 11.477 | 44.3725 | 406 | .08766 | 64 | 1179 | 59918000 |
| TUBING-ASSEMBLIES.HYDRAULIC | RUDDER-SYSTEM | AIR | 17.5024 | 46.5765 | 473 | .11427 | 65 | 1228 | 59920000 |
| TUBING-ASSEMBLIES.HYDRAULIC | HORIZONTAL-STABILIZER | AIR | 43.756 | 81.1647 | 473 | .11427 | 65 | 1228 | 59922000 |
| TUBING-ASSEMBLIES.HYDRAULIC | STEERING.NOSEWHEEL | AIR | 61.2304 | 103.009 | 473 | .11427 | 65 | 1228 | 59924000 |
| TUBING-ASSEMBLIES.HYDRAULIC | SPEED-BRAKE-SYSTEM | AIR | 79.8539 | 134.275 | 406 | .08766 | 64 | 1179 | 59926000 |
| TUBING-ASSEMBLIES.HYDRAULIC | BRAKE-SYSTEM | AIR | 91.2616 | 148.239 | 406 | .08766 | 64 | 1179 | 59928000 |
| TUBING-ASSEMBLIES.HYDRAULIC | STEERING.NOSEWHEEL | AIR | 102.669 | 162.057 | 406 | .08766 | 64 | 1179 | 59930000 |
| TUBING-ASSEMBLIES.HYDRAULIC | STEERING.NOSEWHEEL | AIR | 104.269 | 124.915 | 597 | .51789 | 67 | 1272 | 59932000 |
| TUBING-ASSEMBLIES.HYDRAULIC | SPEED-BRAKE-SYSTEM | AIR | 105.014 | 155.609 | 473 | .11427 | 65 | 1228 | 59934000 |
| TUBING-ASSEMBLIES.HYDRAULIC | AILERON-SYSTEM | AIR | 114.077 | 175.754 | 406 | .08766 | 64 | 1179 | 59936000 |
| TUBING-ASSEMBLIES.HYDRAULIC | LANDING-GEAR.NOSE | AIR | 114.077 | 175.754 | 406 | .08766 | 64 | 1179 | 59938000 |
| TUBING-ASSEMBLIES.HYDRAULIC | BRAKE-SYSTEM | AIR | 146..39 | 196.478 | 473 | .11427 | 65 | 1228 | 59940000 |
| TUBING-ASSEMBLIES.HYDRAULIC | LANDING-GEAR.MAIN | AIR | 159.707 | 229.614 | 406 | .08766 | 64 | 1179 | 59942000 |
| TUBING-ASSEMBLIES.HYDRAULIC | LANDING-GEAR.NOSE | AIR | 166.272 | 226.678 | 473 | .11427 | 65 | 1228 | 59944000 |
| TUBING-ASSEMBLIES.HYDRAULIC | AILERON-SYSTEM | AIR | 175.024 | 236.617 | 473 | .11427 | 65 | 1228 | 59946000 |
| TUBING-ASSEMBLIES.HYDRAULIC | BRAKE-SYSTEM | AIR | 183.436 | 209.988 | 597 | .51789 | 67 | 1272 | 59948000 |
| TUBING-ASSEMBLIES.HYDRAULIC | LANDING-GEAR.NOSE | AIR | 249.087 | 279.614 | 597 | .51789 | 67 | 1272 | 59950000 |
| TUBING-ASSEMBLIES.HYDRAULIC | AILERON-SYSTEM | AIR | 299.291 | 332.513 | 597 | .51789 | 67 | 1272 | 59952000 |

PART CLASS 925 TURBINES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.E.C. | | | | | | | | | |
| | | LAB | 10 | | | | 63 | 1138 | 59954000 |
| | COOLING.AIR-CONDITIONER.FLIGHT-DECK | AIR | 64.6666 | 259.313 | 68 | .015 | 63 | 1114 | 59956000 |
| | COOLING.ENGINE-BLEED-AIR | AIR | 79.7829 | 147.992 | | .06267 | 66 | 1241 | 59958000 |
| | COOLING.ENGINE-BLEED-AIR | AIR | 89.8562 | 141.833 | | .10016 | 66 | 1241 | 59960000 |
| | COOLING.ELECT-EQUIP.AIR-CONDITIONING | AIR | 89.8562 | 141.833 | | .10016 | 66 | 1241 | 59962000 |
| | COOLING.AIR-CONDITIONER.CABIN | AIR | 96.2632 | 145.253 | 473 | .11427 | 65 | 1228 | 59964000 |
| | REFRIGERATION | AIR | 118.063 | 219.001 | 90 | .04239 | 64 | 1144 | 59966000A |
| | AIR-CONDITIONER | AIR | 129.371 | 192.076 | 597 | .51789 | 67 | 1272 | 59968000 |
| | COOLING.AIR-CONDITIONER.CARGO-COMPT | AIR | 154.679 | 212.737 | 100 | .11637 | 65 | 1198 | 59970000 |
| | COOLING.AIR-CONDITIONER.CABIN | AIR | 268.746 | 295.488 | 406 | .08766 | 64 | 1179 | 59972000 |
| | COOLING.AIR-CONDITIONER.CARGO-COMPT | AIR | 295.454 | 384.504 | 102 | .088 | 63 | 1114 | 59974000 |
| | | AIR | 309.09 | 429.201 | 320 | .055 | 61 | 1080 | 59976000 |
| | | AIR GND | 333 | | | | 57 | 211 | 59978000 |
| | COOLING.AIR-CONDITIONER.CARGO-COMPT | AIR | 401.859 | 484.035 | 56 | .12691 | 65 | 1198 | 59980000 |
| | COOLING.AIR-CONDITIONER.FLIGHT-DECK | AIR | 409.09 | 511.114 | 102 | .088 | 63 | 1114 | 59982000 |
| | COOLING.AIR-CONDITIONER.FLIGHT-DECK | AIR | 472.63 | 565.257 | 100 | .11637 | 65 | 1198 | 59984000 |
| | COOLING.AIR-CONDITIONER.CARGO-COMPT | AIR | 493.333 | 614.441 | 50 | .075 | 63 | 1114 | 59986000 |
| | COOLING.AIR-CONDITIONER.CARGO-COMPT | AIR | 507.195 | 621.443 | 50 | .08478 | 63 | 1198 | 59988000 |
| | COOLING.AIR-CONDITIONER.FLIGHT-DECK | AIR | 512.173 | 603.593 | 50 | .12691 | 65 | 1198 | 59990000 |
| | | AIR | 515.337 | 595.144 | | .163 | 61 | 1083 | 59992000 |
| | COOLING.AIR-CONDITIONER.FLIGHT-DECK | AIR | 684.123 | 814.26 | 30 | .08478 | 63 | 1198 | 59994000 |
| | COOLING.AIR-CONDITIONER.FLIGHT-DECK | AIR | 720 | 862.566 | 50 | .075 | 63 | 1114 | 59996000 |
| | | AIR | 750 | 921.223 | | .056 | 61 | 1082 | 59998000 |
| | COOLING.AIR-CONDITIONING | AIR | 1823.06 | 2024.73 | | .08557 | 63 | 1123 | 60000000A |
| | REFRIGERATION.COMPRESSOR | AIR | 4670.75 | 5260.71 | 172 | .02612 | 66 | 1240 | 60002000A |
| | AIR-CONDITIONER | AIR | 5301.2 | 6479.81 | 32 | .0083 | 66 | 1225 | 60004000 |
| AIR-DRIVEN.GOVERNED | | AIR | 599.848 | 673.986 | | .21172 | 66 | 1241 | 60006000 |
| CARAVELLE.EXPANSION | | AIR | 293.449P | 379.185P | | .03427P | 66 | 2100 | 60008000 |
| EXPANSION-COMPRESSION | AIR-CONDITIONING | AIR | 6285.71 | 7234.57 | 60 | .014 | 61 | 1080 | 60010000 |
| EXPANSION-COMPRESSION-ASSEMBLY | | AIR | 4000 | 4519.25 | 260 | .029 | 61 | 1080 | 60012000 |
| FANS | REFRIGERATION-UNIT. AIR-CONDITION-SYSTEM | AIR | 97.2526 | 157.971 | 152 | .08226 | 66 | 1250 | 60014000 |
| FANS | REFRIGERATION-UNIT.AIR-COND-SYSTEM | AIR | 182.038 | 287.338 | 96 | .04944 | 65 | 1227 | 60016000 |
| GAS.IMPULSE.2-STAGE | (S=SECONDS) | GND | * | 97.98295 | 43 | .02355 | 66 | 1245 | 60018000 |
| RAM-AIR | HYDRAULIC-SYSTEM | AIR | * | 352.618 | 43 | .00653 | 66 | 1240 | 60020000A |
| RAM-AIR | EMERGENCY-HYDRAULIC-SYSTEM | AIR | 63.1578 | 110.864 | 76 | .095 | 64 | 1236 | 60022000 |
| REFRIGERATION | | AIR | 2550.18 | 2840.62 | | .538 | 63 | 211 | 60024000 |
| REFRIGERATION-UNIT | | AIR | 2589.47 | 2814.13 | | .095 | 63 | 2126 | 60026000 |
| .20 GENERATOR | | | | | | | | | |
| AIR.25400RPM | | AIR | 2793.29 | 5181.39 | 16 | .00179 | 63 | 1132 | 60028000 |

PART CLASS 925 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| . / N.O.C. | | | | | | | | | |
| | ENRICHMENT.FUEL-SYSTEM | AIR | * | 13.9975 | 304 | .1645 | 66 | 1250 | 60[illegible]3000 |
| | ISOLATION.MANIFOLD.SINGLE-POINT-REFUEL | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 60[illegible]3000 |
| | INFLATION.STRUT.NOSE-LANDING-GEAR | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 60[illegible]000A |
| | FUEL-LEVEL-CONTROL | GRD | * | 8856.15C | | .000260 | 66 | 2MSI | 60[illegible]3000 |
| | DISCHARGE.PUMP.FUEL-SYSTEM | AIR | * | 13.1336 | 812 | .17932 | 64 | 1179 | 60[illegible]3000 |
| | DISCHARGE.PUMP.FUEL-SYSTEM | AIR | * | 10.0752 | 966 | .22854 | 65 | 1228 | 60[illegible]3000 |
| | CROSSFEED-PRIMER.DISTRIBUTION.FUEL-SYSTEM | AIR | * | 27.1597 | 50 | .08478 | 63 | 1198 | 60[illegible]3000 |
| | DEFOGGING.AIR-CONDITIONER.FLIGHT-DECK | AIR | * | 9.07178 | 100 | .25382 | 65 | 1198 | 60[illegible]3000 |
| | REFUEL | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 60[illegible]3000 |
| | ENRICHMENT.FUEL-SYSTEM | AIR | * | 23.2868 | 192 | .09888 | 65 | 1227 | 60[illegible]3000 |
| | EJECTOR.AIR-CONDITIONING-SYSTEM | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 60[illegible]3000 |
| | GG-PROP.TURBINE-PUMP-ASSEMBLY | SEA MSL | * | 111.3C | | .00920 | 62 | 1089 | 60[illegible]2000 |
| | INTERCONNECT.RESERVOIR.MC-2-HYDRAULIC-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 60[illegible]3000 |
| | INFLATION.STRUT.NOSE-LANDING-GEAR | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 60[illegible]3000 |
| | SUCTION.VENT.FUEL-SYSTEM | AIR | * | 5.84344 | 200 | .23274 | 65 | 1198 | 60[illegible]3000 |
| | THROTTLE.FUEL-SYSTEM | AIR | * | 23.2868 | 192 | .09888 | 65 | 1227 | 60[illegible]3000 |
| | PARALLELING.FUEL-SYSTEM | AIR | 2.73039 | 10.6212 | 244 | .36622 | 65 | 1201 | 60[illegible]3000 |
| | JETTISON.FUEL-SYSTEM | AIR | 3.93985 | 8.77378 | 300 | .76145 | 65 | 1198 | 60[illegible]3000 |
| | JETTISON.FUEL-SYSTEM | AIR | 4.44444 | 11.8273 | 612 | .45 | 63 | 1114 | 60[illegible]3000 |
| | | GEN | 5 | | | | 62 | 1078 | 60[illegible]3000 |
| | | LAB | 5.1 | | | | 63 | 1138 | 60[illegible]3000 |
| | ENRICHMENT.FUEL-SYSTEM | AIR | 5.27509 | 14.[illegible]378 | 400 | .37914 | 65 | 1201 | 60[illegible]3000 |
| | INSULATION-BLANKET.BLEED-AIR.AIR-CONDITIONED | AIR | 5.46572 | 15.[illegible]773 | 408 | .353 | 63 | 1114 | 60[illegible]3000 |
| | PARALLELING.FUEL-SYSTEM | AIR | 6.[illegible]1654 | 8.91529 | 1716 | 1.9945 | 65 | 1201 | 60[illegible]3000 |
| | RESERVOIR | LAB | 6.88 | | | | 63 | 1138 | 60[illegible]3000 |
| | CROSSFEED-PRIMER.DISTRIBUTION.FUEL-SYSTEM | AIR | 7.8796 | 3[illegible].6492 | 50 | .12691 | 63 | 1198 | 60[illegible]3000 |
| | JETTISON.FUEL-SYSTEM | AIR | 8.[illegible]6451 | 31.3685 | 544 | .124 | 63 | 1114 | 60[illegible]3000 |
| | CROSSFEED-BYPASS.DISTRIBUTION.FUEL-SYSTEM | AIR | 8.59328 | [illegible]2.868 | 200 | .23274 | 65 | 1198 | 60[illegible]3000 |
| | CROSSFEED.DISTRIBUTION.FUEL-SYSTEM | AIR | 8.7612 | 34.0395 | 474 | .11427 | 65 | 1228 | 60[illegible]3000 |
| | DISTRIBUTOR.DE-ICER.AIR-CONDITION-SYSTEM | AIR | 9.26054 | 18.5061 | 252 | .43194 | 65 | 1155 | 60[illegible]3000 |
| | PARALLELING.FUEL-SYSTEM | AIR | 9.73501 | 18.0578 | 528 | .51363 | 65 | 1201 | 60[illegible]3000 |
| | INFLATION.STRUT.MAIN-LANDING-GEAR | AIR | 10.1132 | 39.3375 | 192 | .09888 | 65 | 1227 | 60[illegible]3000 |
| | ENRICHMENT.FUEL-SYSTEM.TURBOPROP.T-56-A7 | AIR | 10.7043 | 28.4858 | 481 | .18684 | 65 | 1192 | 60[illegible]3000 |
| | INFLATION.STRUT.MAIN-LANDING-GEAR | AIR | 12.158 | 32.3544 | 304 | .1645 | 66 | 1250 | 60[illegible]000A |
| | JETTISON.FUEL-SYSTEM | AIR | 12.8697 | 19.1 | 800 | .93097 | 65 | 1198 | 60[illegible]3000 |
| | CROSSFEED.DISTRIBUTION.FUEL-SYSTEM | AIR | 12.987 | 34.5603 | 680 | .154 | 63 | 1114 | 60[illegible]3000 |

PART CLASS 925 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| | PARALLELING.FUEL-SYSTEM | AIR | 13.1677 | 24.4624 | 400 | .37914 | 65 | 1201 | 60102000 |
| | CROSSFEED.DISTRIBUTION.FUEL-SYSTEM | AIR | 13.3779 | 26.7342 | 200 | .299 | 63 | 1114 | 60104000 |
| | CROSSFEED-SHUTOFF.DISTRIBUTION.FUEL-SYSTEM | AIR | 14.6085 | 20.2853 | 1000 | 1.1697 | 65 | 1198 | 60106000 |
| | PARALLELING.FUEL-SYSTEM | AIR | 15.0382 | 25.2876 | 400 | .46548 | 65 | 1198 | 60108000 |
| | PARALLELING.TURBOPROP.T-56-A7 | AIR | 16.0565 | 35.7367 | 481 | .18684 | 65 | 1192 | 60110000 |
| | ENRICHMENT.FUEL-SYSTEM | AIR | 16.129 | 62.737 | 272 | .062 | 63 | 1114 | 60112000 |
| | ENRICHMENT.FUEL-SYSTEM | AIR | 17.1865 | 27.9167 | 400 | .46548 | 65 | 1198 | 60114000 |
| | DEFOGGING.AIR-CONDITIONER.FLIGHT-DECK | AIR | 17.1865 | 34.3454 | 200 | .23274 | 65 | 1198 | 60116000 |
| | CROSSFEED.DISTRIBUTION.FUEL-SYSTEM | AIR | 18.5152 | 24.6[illegible] | 300 | 1.1342 | 65 | 1196 | 60118000 |
| | EJECT.BODY.20MM-GUN | GRD | 20R | 53.223R | 2 | .1R | 64 | 1134 | 60120000 |
| | INFLATION.TIRE.NOSE-LANDING-GEAR | AIR | 20.2265 | 78.6751 | 96 | .04944 | 65 | 1227 | 60122000 |
| | ANTI-SKID.LANDING-GEAR.MAIN | AIR | 20.9424 | 81.4596 | 124 | .04775 | 63 | 1111 | 60124000 |
| | CROSSFEED.DISTRIBUTION.FUEL-SYSTEM | AIR | 22.6843 | 33.6135 | 612 | .529 | 63 | 1114 | 60126000 |
| | PARALLELING.FUEL-SYSTEM | AIR | 25.6092 | 37.346 | 200 | .50763 | 65 | 1198 | 60128000 |
| | CROSSFEED-PRIMER.DISTRIBUTION.FUEL-SYSTEM | AIR | 25.7798 | 57.4099 | 100 | .11637 | 65 | 1198 | 60130000 |
| | CROSSFEED-SHUTOFF.DISTRIBUTION.FUEL-SYSTEM | AIR | 26.5392 | 41.8907 | 200 | .33912 | 63 | 1199 | 60132000 |
| | INSULATION-BLANKET.BLEED-AIR.AIR-CONDITIONED | AIR | 27.5791 | 39.6509 | 200 | .50763 | 65 | 1198 | 60134000 |
| | INSULATION-BLANKET.BLEED-AIR.AIR-CONDITIONED | AIR | 27.9281 | 40.7277 | 400 | .46548 | 65 | 1198 | 60136000 |
| | PARALLELING.FUEL-SYSTEM | AIR | 28.3286 | 43.6449 | 400 | .353 | 63 | 1114 | 60138000 |
| | ENRICHMENT.FUEL-SYSTEM | AIR | 28.3286 | 43.6449 | 408 | .353 | 63 | 1114 | 60140000 |
| | INFLATION.TIRE.MAIN-LANDING-GEAR | AIR | 30.3951 | 46.8287 | 603 | .329 | 66 | 1250 | 60142000 |
| | CROSSFEED.DISTRIBUTION.FUEL-SYSTEM | AIR | 31.4136 | 69.956 | 248 | .0955 | 63 | 1111 | 60144000 |
| | AIR-RELEASE | AIR | 32.5127 | 58.0817 | | 2.153 | 63 | 2113 | 60146000 |
| | ENRICHMENT.FUEL-SYSTEM | AIR | 33.4889 | 46.5025 | 200 | .50763 | 63 | 1198 | 60148000 |
| | CROSSFEED.DISTRIBUTION.FUEL-SYSTEM | AIR | 34.2231 | 78.2126 | 406 | .08766 | 64 | 1179 | 60150000 |
| | HYDRAULIC-POWER-SUPPLY | AIR | 35.3857 | 55.8543 | 150 | .25434 | 63 | 1198 | 60152000 |
| | CROSSFEED-SHUTOFF.DISTRIBUTION.FUEL-SYSTEM | AIR | 35.4588 | 48.7683 | 200 | .50763 | 65 | 1198 | 60154000 |
| | INFLATION.TIRE.NOSE-LANDING-GEAR | AIR | 36.4697 | 81.2156 | 152 | .08226 | 66 | 1250 | 60156000 |
| | DEFOGGING.AIR-CONDITIONER.FLIGHT-DECK | AIR | 40.2684 | 70.6822 | 100 | .149 | 63 | 1114 | 60158000 |
| | INTERCONNECT.PRESSURE.NOS-2T3-HYDRAULIC-SYSTEM | AIR | 40.453 | 80.8409 | 192 | .09898 | 65 | 1227 | 60160000 |
| | ISOLATION.WING.BLEED-AIR-SYSTEM | AIR | 40.453 | 157.35 | 48 | .02472 | 65 | 1227 | 60162000 |
| | ISOLATION.MANIFOLD.SINGLE-POINT-REFUEL | AIR | 40.453 | 157.35 | 48 | .02472 | 65 | 1227 | 60164000 |
| | DEFOGGING.AIR-CONDITIONER.FLIGHT-DECK | AIR | 41.2033 | 59.4202 | 100 | .16956 | 63 | 1198 | 60166000 |
| | INFLATION.TIRE.MAIN-LANDING-GEAR | AIR | 45.5097 | 71.8345 | 384 | .19776 | 65 | 1227 | 60168000 |

PART CLASS 925 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.E.C. | | | | | | | | | |
| | STEERING.NOSE-LANDING-GEAR | AIR | 47.2366 | 183.736 | 45 | .02117 | 64 | 1144 | 60170000A |
| | ISOLATION.WING.BLEED-AIR.AIR-CONDITIONER | AIR | 47.263 | 71.3162 | 200 | .23274 | 65 | 1198 | 60172000 |
| | INSULATION-BLANKET.BLEED-AIR.AIR-CONDITIONED | AIR | 48.387 | 107.754 | 272 | .062 | 63 | 1114 | 60174000 |
| | INTERCONNECT.RESERVOIR.NO-2-HYDRAULIC-SYSTEM | AIR | 48.6283 | 129.401 | 76 | .04113 | 66 | 1250 | 60174000A |
| | LANDING-GEAR.MAIN | AIR | 52.356 | 97.1172 | 248 | .0955 | 63 | 1111 | 60178000 |
| | ENRICHMENT.FUEL-SYSTEM | AIR | 53.0785 | 73.0015 | 200 | .33912 | 63 | 1198 | 60180000 |
| | ENRICHMENT.FUEL-SYSTEM | AIR | 53.5117 | 75.0889 | 200 | .299 | 63 | 1114 | 60182000 |
| | DEBOOST.HYDRAULIC-BRAKE | AIR | 55.5555 | 216.094 | 64 | .018 | 59 | 1110 | 60184000 |
| | FUEL-SELECTOR | AIR | 57.5673 | 68.1169 | | 1.077 | 63 | 2111 | 60 186000 |
| | TEMPERATURE-CONTROL | AIR | 59.1795 | 75.3582 | | .538 | 63 | 2118 | 60188000 |
| | CROSSFEED.DISTRIBUTION.FUEL-SYSTEM | AIR | 67.651 | 82.5726 | 597 | .51759 | 67 | 1272 | 60190000 |
| | BRAKE.POWER.MAIN-LANDING-GEAR | AIR | 71.7692 | 91.2854 | 252 | .42194 | 64 | 1155 | 60192000 |
| | TEMPERATURE-REGULATOR.CONSTANT-SPEED-DRIVE | AIR | 74.074 | 103.942 | | .216 | 63 | 2109 | 60194000 |
| | PARALLELING.FUEL-SYSTEM | AIR | 79.6178 | 103.088 | 200 | .33912 | 63 | 1198 | 60196000 |
| | PARALLELING.FUEL-SYSTEM | AIR | 80.2675 | 105.61 | 200 | .299 | 63 | 1114 | 60198000 |
| | WIPER-CONTROL | AIR | 92.5925 | 142.654 | | .108 | 63 | 2102 | 60200000 |
| | CATAPULT-EXTENSION.NOSE-LANDING-GEAR | AIR | 104.959 | 155.528 | | .11433 | 65 | 1188 | 60202000 |
| | CATAPULT EXTENSION.NOSE-LANDING-GEAR | AIR | 104.959 | 155.528 | | .11433 | 66 | 1241 | 60 [illegible] |
| | MANIFOLD.WING-FUELING/TRANSFER | AIR | 105.177 | 166.016 | | .08857 | 63 | 1123 | [illegible] |
| | ISOLATION.WING.BLEED-AIR.AIR-CONDITIONER | AIR | 107.954 | 147.173 | 200 | .176 | 63 | 1114 | 60208000 |
| | IGNITER.FUEL-SYSTEM.AFTERBURNER | AIR | 109.09 | 191.492 | 320 | .051 | 61 | 1080 | 60210000A |
| | ISOLATION.WING.BLEED-AIR.AIR-CONDITIONER | AIR | 110.314 | 142.147 | 100 | .23382 | 65 | 1198 | 60212000 |
| | | AIR GND | 111 | | | | 61 | 2107 | 60214000 |
| | CANOPY-DUMP | AIR | 111.524 | 132.34 | | .538 | 63 | 2115 | 60216000 |
| | CROSSFEED-SEP.DISTRIBUTION.FUEL-SYSTEM | AIR | 113.636 | 175.075 | 102 | .288 | 63 | 1114 | 60218000 |
| | REFUEL.ENGINE-FUEL-SYSTEM | AIR | 119.904 | 466.49 | 32 | .03834 | 66 | 1215 | 60220000 |
| | EJECT.LEAF.20MM-GUN | GRD | 127.8 | 177.8158 | 2 | .14 | 64 | 1144 | 60222000 |
| | LANDING-GEAR-SYSTEM | AIR | 128 | 219.418 | 124 | .048 | 63 | 1111 | 60224000 |
| | CROSSFEED-SEP.DISTRIBUTION.FUEL-SYSTEM | AIR | 128.899 | 182.971 | 100 | .11633 | 65 | 1198 | 60226000 |
| | CANOPY-SEAL | AIR | 137.681 | 187.699 | | .138 | 59 | 1070 | 60228000 |
| | CROSSFEED-SEP.DISTRIBUTION.FUEL-SYSTEM | AIR | 141.832 | 195.069 | 50 | .12441 | 65 | 1198 | 60230000 |
| | LANDING-GEAR-POWER-BRAKE | AIR | 144.518 | 169.819 | | .462 | 63 | 2107 | 60232000 |
| | TRIMMER-CHECK | AIR | 166.705 | 176.353 | | 2.153 | 63 | 2113 | 60234000 |
| | CANOPY.SELECTOR | AIR | 174.568 | 188.26 | | .538 | 63 | 2115 | 60 360 |
| | CROSSOVER.PNEUMATIC-PRESSURE-SUPPLY | AIR | 267.504 | 445.753 | 31 | .01198 | 63 | 1111 | 60238000 |
| | AIR-SHUTOFF | AIR | 271.003 | 496.195 | | .538 | 63 | 2118 | 60240000 |

PART CLASS 925 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF DATA RPT | SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .CO N.O.C. | | | | | | | | | |
| | ALTITUDE-CONTROL | GRD | 182.815 | 311.094 | | .06547 | 62 | 213 | 60242000 |
| | RUDDER-BOOST | AIR | 185.185 | 250.417 | | .1[illegible] | 63 | 2100 | 60244000 |
| | SPEED-BRAKE-DAMP | AIR | 189.473 | 260.592 | | .095 | 63 | 2122 | 60246000 |
| | | AIR | 193.548 | 266.796 | 232 | .062 | 63 | 1114 | 60248000 |
| | ISOLATION.WING.BLEED-AIR-SYSTEM | AIR | 194.565 | 315.942 | 76 | .04113 | 66 | 1250 | 6025000[illegible] |
| | TIMER-CHECK | AIR | 199.475 | 232.12 | | 381 | 63 | 2121 | 60252000 |
| | ISOLATION.HYDRAULIC-SYSTEM | AIR | 200 | 272.658 | 76 | .095 | 64 | 1266 | 6025400[illegible] |
| | STARTER.REDUCTION-GEAR-SYSTEM | AIR | 21[illegible].535 | 240.499 | 400 | .46548 | 65 | 1198 | 6025[illegible] |
| | GUN-CHARGING | AIR | 241.635 | 271.125 | | .538 | 63 | 2117 | 60258000 |
| | | AIR | 25 | | | | 61 | 1068 | 60260000 |
| | EJECTOR.BLEED-AIR | AIR | 277.777 | 515.261 | 64 | .018 | 59 | 1110 | 60262000 |
| | EJECTOR.PILOT | AIR | 277.777 | 515.261 | 64 | .018 | 59 | 1110 | 60264000 |
| | ANTI-SKID.LANDING-GEAR.MAIN | AIR | 294.117 | 545.57 | 64 | .017 | 66 | 1225 | 60266000 |
| | AIR-REGULATOR | AIR | 312.267 | 345.463 | | .538 | 63 | 2113 | 60268000 |
| | BRAKE.MAIN-LANDING-GEAR | AIR | 336.009 | 394.573 | 126 | .21597 | 64 | 1155 | 60270000 |
| | LOCK-DOOR.LANDING-GEAR.MAIN | AIR | 352.941 | 654.535 | 64 | .017 | 66 | 1225 | 6027[illegible] |
| | AIR-REGULATOR | AIR | 356.877 | 395.201 | | .538 | 63 | 2112 | 60274000 |
| | | MSL | 363.636 | 726.686 | | .011 | 57 | 212 | 6027[illegible] |
| | INSULATION-BLANKET.BLEED-AIR.AIR-CONDITIONED | AIR | 389.242 | 471.316 | 50 | .09478 | 63 | 1198 | 60278000 |
| | INTERCONNECT.PRESSURE.MOS-27[illegible]-HYDRAULIC-SYSTEM | AIR | 413.323 | 573.938 | 76 | .04113 | 66 | 1[illegible] | 6028000[illegible] |
| | INSULATION-BLANKET.BLEED-AIR.AIR-CONDITIONED | AIR | 440 | 575.386 | 50 | .07[illegible] | 63 | 1114 | 60282000 |
| | FLAPPER-CONTROL | AIR | 464.468 | 483.838 | | 2.153 | 63 | 2115 | 60284000 |
| | | AIR | 598.608 | 656.124 | 200 | .33911 | 63 | 1198 | 60286000 |
| | DEFUEL | AIR | 600 | 1336.16 | 16 | .005 | 59 | 1110 | 60288000 |
| | | AIR | 600.831 | 647.363 | 200 | .50763 | 65 | 1198 | 60290000 |
| | | AIR | 614.73 | 671.736 | 408 | .353 | 63 | 1114 | 60292000 |
| | STARTER.REDUCTION-GEAR-SYSTEM | AIR | 622.073 | 634.698 | 200 | .299 | 63 | 1114 | 60294000 |
| | FUEL-SELECTOR | AIR | 638.888 | 714.384 | | .214 | 63 | 2109 | 60296000 |
| | LANDING-GEAR-POWER-BRAKE | AIR | 675.925 | 753.409 | | .216 | 63 | 2101 | 60298000 |
| | SHIFT-SELECTOR | AIR | 687.732 | 735.852 | | .538 | 63 | 2119 | 60300000 |
| | GYRO-STABILIZED-PLATFORM | AIR | 778.21 | 1555.16 | | .00514 | 65 | 1198 | 60302000 |
| | GYRO-STABILIZED-PLATFORM | AIR | 778.21 | 1555.16 | | .00514 | 66 | 1241 | 60304000 |
| | SPEED-BRAKE-SELECTOR | AIR | 863.157 | 998.615 | | .095 | 63 | 2122 | 60306000 |
| | BRAKE.POWER.MAIN-LANDING-GEAR | AIR | 882.352 | 1252.49 | 64 | .017 | 66 | 1225 | 60308000 |
| | CABIN-PRESSURE-RELIEF | AIR | 896.286 | 1123.47 | | .03905 | 66 | 2133 | 60310000 |
| | ALTITUDE-CONTROL | GRD | 917.431 | 3568.53 | | .00109 | 62 | 213 | 60312000 |
| | ALTITUDE-CONTROL | GRC | 917.431 | 3568.53 | | .00109 | 62 | 213 | 60314000 |
| | CANOPY-SEAL.AIR-CONDITIONING-SYSTEM | AIR | 963.855 | 1565.62 | 32 | .0083 | 66 | 1225 | 60316000 |
| | | AIR SHP GRD | 1071.62 | 1520.88 | | .014 | 59 | 212 | 60318000 |
| | ISOLATION.HYDRAULIC-SYSTEM | AIR | 1084.33 | 1711.56 | 32 | .0083 | 66 | 1225 | 60320000 |
| | CANOPY.RELIEF | AIR | 1273.68 | 1385.15 | | .190 | 63 | 2147 | 60322000 |
| | TEMPERATURE-CONTROL | AIR | 1326.31 | 1490.94 | | .095 | 63 | 2126 | 60324000 |

PART CLASS 925 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.E.C. | | | | | | | | | |
| | CABIN-SAFETY | AIR | 1389.47 | 1557.65 | | .095 | 63 | 2126 | 60326000 |
| | ALTITUDE-CONTROL | GRD | 1834.86 | 4882.84 | | .00109 | 62 | 213 | 60328000 |
| | | GRD | 1884.61 | 2278.8 | | .026 | 62 | 1072 | 60330000 |
| | CAMERA-LENS-PURGE | GRD | 62500 | 166342.10 | | .000325 | 66 | 2451 | 60332000 |
| | ENGINE.IGNITION.MONITOR | GRD | 150000C | 197397C | | .000160 | 66 | 2451 | 60334000 |
| ACCELERATION | GTC.AUX-POWER-PLANT | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 60336000 |
| ACCELERATION | GTC.AUX-POWER-PLANT | AIR | 15.7991 | 41.9375 | 50 | .12691 | 65 | 1198 | 60338000 |
| ACCELERATION | GTC.AUX-POWER-PLANT | AIR | 22.7272 | 60.4806 | 102 | .088 | 63 | 1114 | 60340000 |
| ACCELERATION | GTC.AUX-POWER-PLANT | AIR | 47.1809 | 94.2857 | 50 | .08478 | 63 | 1198 | 60342000 |
| ACCELERATION | GTC.AUX-POWER-PLANT | AIR | 146.886 | 271.308 | 50 | .075 | 63 | 1114 | 60344000 |
| ACCELERATION.OXYGEN | | AIR | 6.13496 | 23.8631 | | .163 | 61 | 1083 | 60346000 |
| ACCELERATION.SPRING-LOADED | | AIR | 35.0877 | 93.3736 | | .057 | 61 | 1084 | 60348000 |
| ACCELERATION-LIMITING | FUEL-SYSTEM.AUXILIARY-POWER-UNIT | AIR | * | 55.9834 | 76 | .04183 | 66 | 1250 | 60350000A |
| ACCELERATION-LIMITING | FUEL-SYSTEM.APU | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 60352000 |
| ACTUATOR | | AIR | 89.1364 | 101.965 | | 1.077 | 63 | 2111 | 60354000 |
| ACTUATOR-FUEL-HEATER | ENGINE-FUEL-AND-CONTROL.707-331 | AIR | 200P | | | | 66 | 2361 | 60356000 |
| ACTUATOR-FUEL-HEATER | ENGINE-FUEL-AND-CONTROL.707-331 | AIR | 230P | | | | 65 | 2364 | 60358000 |
| ACTUATOR-FUEL-HEATER | ENGINE-FUEL-AND-CONTROL.707-331 | AIR | 230P | | | | 66 | 2364 | 60360000 |
| ACTUATOR-FUEL-HEATER | ENGINE-FUEL-AND-CONTROL.707-331B | AIR | 260P | | | | 66 | 2364 | 60362000 |
| ACTUATOR-FUEL-HEATER | ENGINE-FUEL-AND-CONTROL.707-331 | AIR | 320P | | | | 65 | 2361 | 60364000 |
| ACTUATOR-FUEL-HEATER | ENGINE-FUEL-AND-CONTROL.707-331 | AIR | 350P | | | | 66 | 2361 | 60366000 |
| AIR | PILOT-ACT | | .0012 | | | | 62 | 2239 | 60368000 |
| AIR | G-SUIT | AIR | 736.842 | 863.052 | | .095 | 63 | 2130 | 60370000 |
| AIR. | LANDING-GEAR.MAIN | AIR | * | 48.2219 | 124 | .04775 | 63 | 1111 | 60372000 |
| AIR. | OIL-COOLER.ENGINE | AIR | 15.1818 | 70.7218 | 320 | .055 | 61 | 1080 | 60374000A |
| AIR. | SHROUD-GROUND-COOLING | AIR | 18.1818 | 70.7218 | 320 | .055 | 61 | 1080 | 60376000 |
| AIR. | OIL-COOLER.CONSTANT-SPEED-DRIVE | AIR | 28.5714 | 111.134 | 320 | .035 | 61 | 1080 | 60378000A |
| AIR. | LANDING-GEAR.MAIN | AIR | 41.8846 | 111.461 | 124 | .04775 | 63 | 1111 | 60380000 |
| AIR.CHARGING | ACCUMULATOR,HYD-CONTROL-SYSTEM | GRD | 869.56* | 2314.04 | | .0023 | 62 | 1135 | 60382000 |
| AIR.COCKPIT-RAM | | AIR | 109.09 | 191.492 | 320 | .055 | 61 | 1080 | 60384000 |
| AIR.EJECTOR | OIL-COOLING-SYSTEM.ENGINE | AIR | 190.596 | 218.764 | 248 | .0253 | 62 | 1111 | 60386000 |
| CHECK | HYDRAULIC-SYSTEM | | | | | | | | |
| AIR.FUEL-TRANSFER | BOMB-BAY | AIR | 153.139 | 595.666 | 45 | .00653 | 66 | 1240 | 60388000A |
| AIR.HI-PRESSURE | SPOILER/AIRBRAKE-CONTROL | AIR | * | 96.4641 | 62 | .02387 | 63 | 1111 | 60390000 |
| AIR.HOT | | AIR | 50.7246 | 85.2963 | | .138 | 58 | 1078 | 60392000 |
| AIR.HOT | ENGINE-ANTI-ICE | AIR | 934.561 | 991.984 | 597 | .31789 | 67 | 1272 | 60394000 |
| AIR.HOT | ENGINE-ANTI-ICE | AIR | 1038.1 | 1191.95 | 404 | .08746 | 64 | 1179 | 60396000 |
| AIR.HOT | ENGINE-ANTI-ICE | AIR | 1050.14 | 1103.98 | 473 | .11427 | 65 | 1228 | 60397000 |
| AIR.MANUAL | | AIR | * | 328.942 | | .007 | 61 | 1082 | 60400000 |
| AIR.MOTOR-DRIVE | | AIR | 178571 | | | .028 | 61 | 1082 | 60402000 |
| AIR.OUTFLOW | COCKPIT | AIR | 654.545 | 817.782 | 320 | .055 | 61 | 1080 | 60404000A |
| AIR.RAM | ELECTRICAL-BAY.EQUIPMENT-COOLING | AIR | 2.89659 | 6.45051 | 1194 | 1.0357 | 67 | 1272 | 60406000 |
| AIR.RAM | ELECTRICAL-BAY.EQUIPMENT-COOLING | AIR | 17.3024 | 34.9765 | 946 | .22854 | 65 | 1228 | 60408000 |
| AIR.RAM | EQUIPMENT-COOLING-SYSTEM | AIR | 18.345 | 25.0097 | 1194 | 1.0357 | 67 | 1272 | 60410000 |
| AIR.RAM | RADAR-COOLING-SYSTEM | AIR | 29.1267 | 53.5604 | | .09937 | 63 | 1123 | 60412000A |

PART CLASS 925 VALVES

| PART DESCRIPTION .00 N.O.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| AIR.RAM | ELECTRICAL-BAY.EQUIPMENT-COOLING | AIR | 34.2231 | 60.8735 | 832 | .17532 | 64 | 1179 | 60414000 |
| AIR.RAM | EQUIPMENT-COOLING-SYSTEM | AIR | 57.0385 | 87.8773 | 812 | .17532 | 64 | 1179 | 60416000 |
| AIR.RAM | EQUIPMENT-COOLING-SYSTEM | AIR | 65.634 | 93.147 | 946 | .22854 | 65 | 1228 | 60418000 |
| AIR.RAM | AIR-CONDITIONING-SYSTEM | AIR | 200 | 270.988 | 96 | .025 | 66 | 1225 | 60420000 |
| AIR.RAM | COMP-ELECTRONIC | AIR | 220.571 | 371.277 | 320 | .035 | 61 | 1080 | 60422000A |
| AIR.RAM | CABIN-PRESSURIZATION | AIR | 603.833 | 708.09 | 473 | .11427 | 65 | 1228 | 60424000 |
| AIR.RAM | CABIN-PRESSURIZATION | AIR | 627.424 | 953.367 | 486 | .04766 | 64 | 1179 | 60426000 |
| AIR.RAM | ENGINE-FUEL-SYSTEM | AIR | 808.867 | 1047.31 | 128 | .03338 | 66 | 1225 | 60428000A |
| AIR.REFRIGERATED | CABIN-PRESSURIZATION | AIR | 1419.22 | 1488.6 | 597 | .91789 | 67 | 1272 | 60430000 |
| AIR.SOLENOID | RADAR-COOLING-SYSTEM | AIR | 40.2495 | 807.11 | | .04969 | 63 | 1123 | 60432000 |
| AIR.SOLENOID | | | .00002 | | | | 61 | 2231 | 60434000 |
| AIR.SOLENOID | | | .00002 | | | | 61 | 2231 | 60436000 |
| AIR.SOLENOID | | | .00002 | | | | 61 | 2231 | 60438000 |
| AIR.VENT.FUEL | | | .00002 | | | | 61 | 2291 | 60440000 |
| AIR-CHECK | BOMB-BAY | AIR | 75.1696 | 297.833 | 86 | .01306 | 66 | 1240 | 60442000A |
| AIR-CHECK | AIR-CONDITIONING.707-131 | AIR | 260P | | | | 65 | 2361 | 60444000 |
| AIR-CHECK-HIGH-PRESSURE-2.00-INCH | AIR-CONDITIONING.707-331 | AIR | 310P | | | | 66 | 2362 | 60446000 |
| AIR-CHECK-LOW-PRESSURE | AIR-CONDITIONING-SYSTEM | AIR GND | • | 193.821 | | .01158 | 62 | 2320 | 60448000 |
| AIR-DUMP | AIR-CONDITIONING-SYSTEM | AIR GND | • | 387.643 | | .00594 | 62 | 2320 | 60450000 |
| AIR-MODULATING.50-INCH | AIR-CONDITIONING-SYSTEM | AIR | 204.46 | 231.78 | | .538 | 63 | 2118 | 60452000 |
| AIR-MODULATING-SINGLE-UNIT-.75-INCH | AIR-CONDITIONING-SYSTEM | AIR GND | 168.35 | 374.904 | | .01782 | 62 | 2320 | 60454000 |
| AIR-MODULATING-1.25-INCH | AIR-CONDITIONING-SYSTEM | AIR GND | 126.262 | 281.174 | | .02376 | 62 | 2320 | 60456000 |
| AIR-PRESSURE-MODULATING-2.50-INCH | AIR-CONDITIONING-SYSTEM | AIR GND | • | 129.214 | | .01782 | 62 | 2320 | 60458000 |
| AIR-PRESSURE-REGULATING-AND-RELIEF | AIR-CONDITIONING-SYSTEM | AIR GND | 84.175 | 327.415 | | .01188 | 62 | 2320 | 60460000 |
| AIR-PRESSURE-REGULATING-2.50-INCH | AIR-CONDITIONING-SYSTEM | AIR GND | 378.787 | 567.895 | | .02376 | 62 | 2320 | 60462000 |
| AIR-PURGE-SOLENOID | PURGE-SYSTEM.FUEL | AIR GND | 336.7 | 896.01 | | .00594 | 62 | 2320 | 60464000 |
| AIR-SAFETY-CABIN | AIR-CONDITIONING-SYSTEM | AIR | 6.84642 | 19.7004 | 200 | .33912 | 63 | 1198 | 60466000 |
| AIR-SHUT-OFF.1.50-INCH | AIR-CONDITIONING-SYSTEM | AIR GND | 168.35 | 654.831 | | .00594 | 62 | 2320 | 60468000 |
| AIR-SHUT-OFF.1.75-INCH | AIR-CONDITIONING-SYSTEM | AIR GND | • | 387.643 | | .00594 | 62 | 2320 | 60470000 |
| AIR-SHUT-OFF.2.50-INCH | AIR-CONDITIONING-SYSTEM | AIR GND | 168.35 | 448.005 | | .01158 | 62 | 2320 | 60472000 |
| AIR-TEMPERATURE-CONTROL.CREW-COMP | AIR-CONDITIONING.707-131 | AIR GND | • | 387.643 | | .00594 | 62 | 2320 | 60474000 |
| AIR-TEMPERATURE-CONTROL.CREW-COMPARTMENT | AIR-CONDITIONING.707-1318 | AIR | 120P | | | | 66 | 2361 | 60476000 |
| AIR-TEMPERATURE-CONTROL.CREW-COMPARTMENT | AIR-CONDITIONING.707-1318 | AIR | 130P | | | | 66 | 2364 | 60478000 |
| AIR-TEMPERATURE-CONTROL.CREW-COMPARTMENT | AIR-CONDITIONING.707-3318 | AIR | 140P | | | | 65 | 2364 | 60480000 |
| AIR-TEMPERATURE-CONTROL-CREW-COMPARTMENT | AIR-CONDITIONING.707-1318 | AIR | 170P | | | | 66 | 2364 | 60482000 |
| | | AIR | 160P | | | | 65 | 2362 | 60484000 |

SECTION I FAILURE RATE DATA

PART CLASS 525 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| AIR-TEMPERATURE-CONTROL-CREW-COMPARTMENT | AIR-CONDITIONING.707-131 | AIR | 230P | | | | 66 | 2362 | 60486000 |
| AIR-TEMPERATURE-CONTROL-CREW-COMPARTMENT | AIR-CONDITIONING.707-331 | AIR | 340P | | | | 66 | 2362 | 60488000 |
| AIR-TEMPERATURE-CONTROL-CREW-COMPARTMENT | AIR-CONDITIONING.331C/373C | AIR | 510P | | | | 66 | 2363 | 60490000 |
| AIRCYCLE-MACHINE | | AIR | 100P | | | | 65 | 2330 | 60492000 |
| AMMONIA-COOLER | NOSE-CONE | GRD | 126.582 | 492.367 | | .0079 | 62 | 1135 | 60494000 |
| AND-ORIFICE-ASSEMBLY | | GRD | * | 5005.65C | | .00046C | 66 | 2351 | 60496000 |
| AND-ORIFICE-ASSEMBLY | | GRD | 1960.78C | 5217.94C | | .00102C | 66 | 2351 | 60498000 |
| ANTI-DRAIN | CONSTANT-SPEED-DRIVE | AIR | 1857.14 | 2188.62 | 320 | .035 | 61 | 1080 | 60500000A |
| ANTI-G | AIR-CONDITIONING-SYSTEM | AIR | 1176.47 | 1590.88 | 64 | .017 | 66 | 1225 | 60502000 |
| ANTI-ICE | COMPRESSOR-BLEED-AIR | AIR | * | 23.1719 | | .09937 | 63 | 1123 | 60504000A |
| ANTI-ICE | ENGINE | AIR | .505579 | 1.95021 | 1716 | 1.9945 | 65 | 1201 | 60506000 |
| ANTI-ICE | ENGINE | AIR | 3.894 | 10.3625 | 528 | .51361 | 65 | 1201 | 60508000 |
| ANTI-ICE | INLET-DUCT-LIP | AIR | 36.3636 | 96.769 | 320 | .055 | 61 | 1080 | 60510000A |
| ANTI-ICE | ENGINE | AIR | 54.054 | 143.845 | 128 | .037 | 59 | 1110 | 60512000 |
| ANTI-ICE | AIR-CONDITION-SYSTEM | AIR | 83.752 | 325.77 | 31 | .01194 | 63 | 1111 | 60514000 |
| ANTI-ICE | ENGINE-NOSE-CONE-GUIDE-VANE | AIR | 109.09 | 191.492 | 320 | .055 | 61 | 1080 | 60516000A |
| ANTI-ICE | AIR.66C | AIR | 180P | | | | 66 | 2360 | 60518000 |
| ANTI-ICE | AIR.66C | AIR | 260P | | | | 66 | 2360 | 60520000 |
| ANTI-ICE | AIR.66C | AIR | 260P | | | | 66 | 2365 | 60522000 |
| ANTI-ICE | AIR.88C | AIR | 300P | | | | 66 | 2363 | 60524000 |
| ANTI-ICE | AIR.96C | AIR | 360P | | | | 65 | 2360 | 60526000 |
| ANTI-ICE | CONL | AIR | 388.888 | 653.938 | 64 | .018 | 59 | 1110 | 60528000 |
| ANTI-ICE | AIR.88C | AIR | 440P | | | | 65 | 2365 | 60530000 |
| ANTI-ICE | AIR.88C | AIR | 460P | | | | 66 | 2363 | 60532000 |
| ANTI-ICE | AIR.88C | AIR | 510P | | | | 66 | 2365 | 60534000 |
| ANTI-ICE | AIR.88C | AIR | 540P | | | | 65 | 2363 | 60536000 |
| ANTI-ICE.AIR | ENGINE | AIR | 293.193 | 421.528 | 124 | .04775 | 63 | 1111 | 60538000 |
| ANTI-ICE-EJECTOR | AIR-CONDITIONING.727 | AIR | 570P | | | | 65 | 2365 | 60540000 |
| ANTI-ICE-EJECTOR | AIR-CONDITIONING.727 | AIR | 690P | | | | 65 | 2360 | 60542000 |
| ANTI-ICE-EJECTOR | AIR-CONDITIONING.727 | AIR | 1100P | | | | 65 | 2363 | 60544000 |
| ANTI-ICING | OIL.707-131 | AIR | 30P | | | | 66 | 2362 | 60546000 |
| ANTI-ICING | OIL.707-131 | AIR | 30P | | | | 66 | 2361 | 60548000 |
| ANTI-ICING | OIL.707-131 | AIR | 40P | | | | 66 | 2361 | 60550000 |
| ANTI-ICING | OIL.707-131 | AIR | 40P | | | | 66 | 2362 | 60552000 |
| ANTI-ICING | OIL.707-131 | AIR | 130P | | | | 65 | 2362 | 60554000 |
| ANTI-ICING | OIL.707-131 | AIR | 130P | | | | 65 | 2361 | 60556000 |
| ANTI-ICING | OIL.707-331 | AIR | 510P | | | | 65 | 2362 | 60558000 |
| ANTI-ICING | OIL.707-331 | AIR | 560P | | | | 66 | 2361 | 60560000 |
| ANTI-ICING | OIL.707-331 | AIR | 560P | | | | 66 | 2361 | 60562000 |
| ANTI-ICING | OIL.707-331 | AIR | 580P | | | | 66 | 2362 | 60564000 |
| ANTI-ICING | OIL.707-331 | AIR | 740P | | | | 65 | 2361 | 60566000 |
| ANTI-ICING | OIL.707-331 | AIR | 800P | | | | 66 | 2362 | 60568000 |

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.

SECTION I FAILURE RATE DATA

NONELECTRONIC PART FAILURE RATE DATA

JANUARY 1966

PART CLASS 925 VALVES

| PART DESCRIPTION .00 N.E.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART PROPER- TIES | PART HOURS | VR REF DATA | VR SOURCE | CHART INDEX | CHART NO |
|---|---|---|---|---|---|---|---|---|---|---|
| ANTI-O-ICING | OIL-707-131 | AIR | 40P | | | | 66 | 2344 | 60570000 | |
| ANTI-O-ICING | OIL-707-131 | AIR | 70P | | | | 66 | 2344 | 60571000 | |
| ANTI-O-ICING | OIL-707-131 | AIR | 90P | | | | 65 | 2344 | 60574000 | |
| ANTI-O-ICING | OIL-707-331 | AIR | 290P | | | | 66 | 2344 | 60574000 | |
| ANTI-O-ICING | OIL-707-331 | AIR | 690P | | | | 66 | 2344 | 60578000 | |
| ANTI-O-ICING | OIL-707-331 | AIR | 690P | | | | 65 | 2344 | 60580000 | |
| ANTI-SKID-BRAKE | LANDING-GEAR.707.1318 | AIR | 110P | | | | 65 | 2341 | 60582000 | |
| ANTI-SKID-BRAKE | LANDING-GEAR.707.331 | AIR | 130P | | | | 65 | 2341 | 60584000 | |
| AS-PR-CONTROL-NOSE-GEAR-BRAKE | LANDING-GEAR.727 | AIR | 240P | | | | 66 | 2343 | 60586000 | |
| ASSEMBLY | DEICING-DISTRIBUTION | | | | | | | | | |
| ASSEMBLY. | AIR-CONDITIONING.707-3318 | AIR | 18.5185 | 30.0003 | | .432 | 62 | 2105 | 60580000 | |
| ASSEMBLY. CABIN-TEMPERATURE-CONTROL | AIR-CONDITIONING.707-1318 | AIR | 390P | | | | 65 | 2344 | 60590000 | |
| ASSEMBLY. CABIN-TEMPERATURE-CONTROL | AIR-CONDITIONING.707-1318 | AIR | 110P | | | | 66 | 2341 | 60592000 | |
| ASSEMBLY. CABIN-TEMPERATURE-CONTROL | AIR-CONDITIONING.707-1318 | AIR | 120P | | | | 66 | 2341 | 60594000 | |
| ASSEMBLY. CABIN-TEMPERATURE-CONTROL | AIR-CONDITIONING.707-1318 | AIR | 190P | | | | 65 | 2341 | 60596000 | |
| ASSEMBLY. CABIN-TEMPERATURE-CONTROL | AIR-CONDITIONING.707-3318 | AIR | 130P | | | | 66 | 2344 | 60598000 | |
| ASSEMBLY. CABIN-TEMPERATURE-CONTROL | AIR-CONDITIONING.707-3318 | AIR | 140P | | | | 66 | 2341 | 60600000 | |
| ASSEMBLY. CABIN-CONTROL | AIR-CONDITIONING.707-131 | AIR | 220P | | | | 66 | 2341 | 60602000 | |
| ASSEMBLY. CABIN-CONTROL | AIR-CONDITIONING.707-131 | AIR | 690P | | | | 66 | 2344 | 60604000 | |
| ASSEMBLY-CABIN-TEMPERATURE-CONTROL | AIR-CONDITIONING.707-3318 | AIR | 240P | | | | 66 | 2344 | 60606000 | |
| ASSEMBLY-CABIN-TEMPERATURE-CONTROL | AIR-CONDITIONING.707-3318 | AIR | 280P | | | | 66 | 2342 | 60608000 | |
| ASSEMBLY-CABIN-TEMPERATURE-CONTROL | AIR-CONDITIONING.707-3318 | AIR | 1030P | | | | 66 | 2342 | 60610000 | |
| ASSEMBLY-CABIN-CONTROL | AIR-CONDITIONING.707-131 | AIR | 220P | | | | 65 | 2342 | 60612000 | |
| ASSEMBLY-CABIN-CONTROL | AIR-CONDITIONING.707-331 | AIR | 260P | | | | 66 | 2341 | 60614000 | |
| ASSEMBLY-CABIN-CONTROL | AIR-CONDITIONING.707-131 | AIR | 240P | | | | 65 | 2341 | 60616000 | |
| ASSEMBLY-CABIN-CONTROL | AIR-CONDITIONING.707-331 | AIR | 280P | | | | 65 | 2341 | 60618000 | |
| ASSEMBLY-CABIN-CONTROL | AIR-CONDITIONING.707-331 | AIR | 310P | | | | 66 | 2341 | 60620000 | |
| ASSEMBLY-CABIN-CONTROL | AIR-CONDITIONING.707-131 | AIR | 600P | | | | 66 | 2342 | 60622000 | |
| AUTOMATIC-TRIGGER | OXYGEN-707-1318 | AIR | 130P | | | | 65 | 2342 | 60624000 | |
| AUTOMATIC-TRIGGER | OXYGEN-707-131 | AIR | 220P | | | | 66 | 2344 | 60626000 | |
| AUTOMATIC-TRIGGER | OXYGEN.707-331 | AIR | 280P | | | | 66 | 2344 | 60628000 | |
| AUTOMATIC-TRIGGER | OXYGEN-707-331 | AIR | 310P | | | | 66 | 2341 | 60630000 | |
| AUTOMATIC-TRIGGER | OXYGEN-707-331 | AIR | 310P | | | | 66 | 2341 | 60632000 | |
| AI-SO-AND-INTERCONNECT | AIR-CONDITIONING.727 | AIR | 340P | | | | 65 | 2344 | 60634000 | |
| | | AIR | 70P | | | | 66 | 2344 | 60636000 | |
| | | | | | | | 66 | 2343 | 60638000 | |

PART CLASS 925 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .OC N.O.C. | | | | | | | | | |
| BALL | | LAB | 4.6 | | | | 63 | 1138 | 60640000 |
| BLADE | | LAB | 4.6 | | | | 63 | 1138 | 60642000 |
| BLEED | | AIR SHP GRD | 10 | | | | 58 | 212 | 60644000 |
| BLEED-AIR | 5TH-STAGE.COMPRESSOR/MIDFRAME | AIR | • | 1.134 | 800 | 2.0305 | 65 | 1198 | 60646000 |
| BLEED-AIR | 6TH-STAGE.COMPRESSOR/MIDFRAME | AIR | • | 1.134 | 800 | 2.0305 | 65 | 1198 | 60648000 |
| BLEED-AIR | 5TH-STAGE.COMPRESSOR/MIDFRAME | AIR | • | 1.69745 | 800 | 1.3565 | 63 | 1198 | 60650000 |
| BLEED-AIR | 6TH-STAGE.COMPRESSOR/MIDFRAME | AIR | • | 1.69745 | 800 | 1.3565 | 63 | 1198 | 60652000 |
| BLEED-AIR | 6TH-STAGE.COMPRESSOR/MIDFRAME | AIR | • | 1.23669 | 1600 | 1.8619 | 65 | 1198 | 60654000 |
| BLEED-AIR | 5TH-STAGE.COMPRESSOR/MIDFRAME | AIR | • | 1.23669 | 1600 | 1.8619 | 65 | 1198 | 60656000 |
| BLEED-AIR | COMPRESSOR.BASIC-ENGINE | AIR | 6.07902 | 16.1772 | 608 | .329 | 66 | 1250 | 60658000 |
| BLEED-AIR | COMPRESSOR.BASIC-ENGINE | AIR | 20.2265 | 40.4204 | 384 | .19776 | 65 | 1227 | 60660000 |
| BLEED-HX-COOL-AIR-MOD | AIR-CONDITIONING.727 | AIR | 90P | | | | 66 | 2360 | 60662000 |
| BLEED-HX-COOL-AIR-MOD | AIR-CONDITIONING.727 | AIR | 140P | | | | 65 | 2360 | 60664000 |
| BLEED-HX-COOL-AIR-MOD | AIR-CONDITIONING.727 | AIR | 170P | | | | 65 | 2363 | 60666000 |
| BLEED-HX-COOL-AIR-MOD | AIR-CONDITIONING.727 | AIR | 280P | | | | 66 | 2360 | 60668000 |
| BLEED-HX-COOL-AIR-MOD | AIR-CONDITIONING.727 | AIR | 320P | | | | 66 | 2365 | 60670000 |
| BLEED-HX-COOL-AIR-MOD | AIR-CONDITIONING.727 | AIR | 330P | | | | 66 | 2363 | 60672000 |
| BLEED-HX-COOL-AIR-MOD | AIR-CONDITIONING.727 | AIR | 470P | | | | 66 | 2363 | 60674000 |
| BLEEDER | RADAR-PRESSURE-SYSTEM | AIR | • | 19.7868 | 100 | .11837 | 65 | 1198 | 60676000 |
| BLEEDER | DOOR.HYDRAULIC.AFT-CARGO | AIR | • | 27.1597 | 50 | .08478 | 63 | 1198 | 60678000 |
| BLEEDER | COMPRESSOR.BASIC-ENGINE | AIR | .243374 | .946652 | 4224 | 4.1089 | 65 | 1201 | 60680000 |
| BLEEDER | | LAB | 5.7 | | | | 63 | 1138 | 60682000 |
| BLEEDER | DOOR.HYDRAULIC.AFT-CARGO | AIR | 7.87991 | 20.9696 | 100 | .25381 | 65 | 1198 | 60684000 |
| BLEEDER | DOOR.HYDRAULIC.AFT-CARGO | AIR | 11.3636 | 30.2403 | 204 | .176 | 63 | 1114 | 60686000 |
| BLEEDER | DOOR.HYDRAULIC.AFT-CARGO | AIR | 25.7798 | 45.2526 | 300 | .23274 | 65 | 1198 | 60688000 |
| BLEEDER | DOOR.HYDRAULIC.RAMP | AIR | 26.6666 | 70.964 | 50 | .075 | 63 | 1114 | 60690000 |
| BLEEDER | DOOR.HYDRAULIC.AFT-CARGO | AIR | 32.258 | 125.474 | 136 | .031 | 63 | 1114 | 60692000 |
| BLEEDER | HYDRAULIC-POWER-SUPPLY | AIR | 5[illegible].4915 | 70.1311 | 408 | .353 | 63 | 1114 | 60694000 |
| BLEEDER | HYDRAULIC-POWER-SUPPLY | AIR | 53.1883 | 68.8675 | 200 | .40763 | 65 | 1138 | 60696000 |
| BLEEDER | HYDRAULIC-POWER-SUPPLY | AIR | 7[illegible].7714 | 93.1338 | 200 | .33912 | 63 | 1198 | 60698000 |
| BLEEDER | COMPRESSOR | AIR | 73.2984 | 123.255 | 248 | .0955 | 63 | 1111 | 60700000 |
| BLEEDER | HYDRAULIC-POWER-SUPPLY | AIR | 76.923 | 101.85 | 200 | .299 | 63 | 1114 | 60702000 |
| BLEEDER | HYDRAULIC-POWER-SUPPLY | AIR | 133.333 | 354.82 | 68 | .015 | 63 | 1114 | 60704000 |
| BLEEDER | COMPRESSOR | AIR | 166.666 | 371.155 | 64 | .018 | 59 | 1110 | 60706000 |
| BLEEDER | HYDRAULIC-SYSTEM | AIR | 303.03 | 466.868 | 128 | .033 | 66 | 1225 | 60708000 |
| BLEEDER | HYDRAULIC-POWER-SUPPLY | AIR | 6[illegible]7.768 | 925.371 | 100 | .11657 | 65 | 1198 | 60710000 |
| BLEEDER, OVERBOARD | RADAR-PRESSURE-SYSTEM | AIR | • | 27.1557 | 50 | .08478 | 63 | 1198 | 60712000 |
| BRAKE-ANTI-SKID | LANDING-GEAR.707.3318 | AIR | 70P | | | | 65 | 2361 | 60714000 |
| BRAKE-ANTISKID | LANDING-GEAR.707-3318 | AIR | 120P | | | | 66 | 2362 | 60716000 |
| BRAKE-ANTISKID | LANDING-GEAR.707-331 | AIR | 150P | | | | 66 | 2362 | 60718000 |
| BRAKE-ANTISKID | LANDING-GEAR.331C/373C | AIR | 250P | | | | 66 | 2360 | 60720000 |
| BRAKE-ANTISKID | LANDING-GEAR.331C/373C | AIR | 250P | | | | 66 | 2365 | 60722000 |
| BRAKE-ANTISKID | LANDING-GEAR.707-3318 | AIR | 280P | | | | 66 | 2362 | 60724000 |
| BRAKE-DEBOOST | LANDING-GEAR.707.331 | AIR | 60P | | | | 65 | 2361 | 60726000 |
| BRAKE-DEBOOST | LANDING-GEAR.707-131 | AIR | 60P | | | | 66 | 2362 | 60728000 |

PART CLASS 825 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | NR OF FAIL | DATA SOURCE | CRITIC INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.E.C. | | | | | | | | | |
| BRAKE-DEBOOST | LANDING-GEAR.707-331B | AIR | 60P | | | | 64 | 2362 | 60750000 |
| BRAKE-DEBOOST | LANDING-GEAR.707.131B | AIR | 60P | | | | 66 | 2361 | 60732000 |
| BRAKE-DEBOOST | LANDING-GEAR | AIR | 70P | | | | 66 | 2361 | 60734000 |
| BRAKE-DEBOOST | LANDING-GEAR.707-131B | AIR | 70P | | | | 66 | 2362 | 60736000 |
| BRAKE-DEBOOST | LANDING-GEAR.707-131B | AIR | 80P | | | | 65 | 2362 | 60738000 |
| BRAKE-DEBOOST | LANDING-GEAR.707-331 | AIR | 80P | | | | 65 | 2364 | 60740000 |
| BRAKE-DEBOOST | LANDING-GEAR.707-331B | AIR | 90P | | | | 66 | 2364 | 60742000 |
| BRAKE-DEBOOST | LANDING-GEAR.707-131B | AIR | 100P | | | | 65 | 2364 | 60744000 |
| BRAKE-DEBOOST | LANDING-GEAR.707-131B | AIR | 100P | | | | 66 | 2364 | 60746000 |
| BRAKE-DEBOOST | LANDING-GEAR.707-131 | AIR | 100P | | | | 66 | 2364 | 60748000 |
| BRAKE-DEBOOST | LANDING-GEAR.707.131 | AIR | 110P | | | | 66 | 2364 | 60750000 |
| BRAKE-DEBOOST | LANDING-GEAR | AIR | 110P | | | | 66 | 2361 | 60752000 |
| BRAKE-DEBOOST | LANDING-GEAR.331C/373C | AIR | 120P | | | | 66 | 2361 | 60754000 |
| BRAKE-DEBOOST | LANDING-GEAR.707-131 | AIR | 120P | | | | 66 | 2360 | 60756000 |
| BRAKE-DEBOOST | LANDING-GEAR.707.131 | AIR | 130P | | | | 66 | 2362 | 60758000 |
| BRAKE-DEBOOST | LANDING-GEAR.331C/373C | AIR | 130P | | | | 65 | 2361 | 60760000 |
| BRAKE-DEBOOST | LANDING-GEAR.331C/373C | AIR | 130P | | | | 66 | 2360 | 60762000 |
| BRAKE-DEBOOST | LANDING-GEAR.331C/373C | AIR | 130P | | | | 66 | 2363 | 60764000 |
| BRAKE-DEBOOST | LANDING-GEAR.707-131 | AIR | 140P | | | | 64 | 2363 | 60766000 |
| BRAKE-DEBOOST | LANDING-GEAR.707-331B | AIR | 140P | | | | 65 | 2364 | 60768000 |
| BRAKE-DEBOOST | LANDING-GEAR.707-331 | AIR | 150P | | | | 66 | 2362 | 60770000 |
| BRAKE-DEBOOST | LANDING-GEAR.707-131B | AIR | 160P | | | | 66 | 2362 | 60772000 |
| BRAKE-DEBOOST | LANDING-GEAR.707-131 | AIR | 170P | | | | 66 | 2364 | 60774000 |
| BRAKE-DEBOOST | LANDING-GEAR.707.331B | AIR | 170P | | | | 66 | 2364 | 60776000 |
| BRAKE-DEBOOST | LANDING-GEAR.707.131B | AIR | 180P | | | | 65 | 2361 | 60778000 |
| BRAKE-DEBOOST | LANDING-GEAR.707-131B | AIR | 200P | | | | 66 | 2361 | 60780000 |
| BRAKE-DEBOOST | LANDING-GEAR.707.331 | AIR | 200P | | | | 66 | 2362 | 60782000 |
| BRAKE-DEBOOST | LANDING-GEAR.707.131B | AIR | 200P | | | | 66 | 2361 | 60784000 |
| BRAKE-DEBOOST | LANDING-GEAR.707-331B | AIR | 210P | | | | 65 | 2361 | 60786000 |
| BRAKE-DEBOOST | LANDING-GEAR.707-331 | AIR | 230P | | | | 65 | 2364 | 60788000 |
| BRAKE-DEBOOST | LANDING-GEAR.707-331 | AIR | 250P | | | | 66 | 2364 | 60790000 |
| BRAKE-DEBOOST | LANDING-GEAR.707-331 | AIR | 250P | | | | 66 | 2364 | 60792000 |
| BRAKE-DEBOOST | LANDING-GEAR.707-331B | AIR | 260P | | | | 66 | 2362 | 60794000 |
| BRAKE-DEBOOST | LANDING-GEAR.331C/373C | AIR | 260P | | | | 65 | 2362 | 60796000 |
| BRAKE-DEBOOST | LANDING-GEAR.331C/373C | AIR | 380P | | | | 65 | 2363 | 60798000 |
| BRAKE-DEBOOST | LANDING-GEAR.707.331 | AIR | 560P | | | | 66 | 2365 | 60800000 |
| BRAKE-EMERGENCY | | AIR | 200P | | | | 66 | 2361 | 60802000 |
| BRAKE-METERING | LANDING-GEAR.707-131B | AIR | 70P | | | | 65 | 2330 | 60804000 |
| BRAKE-METERING | LANDING-GEAR.707.131 | AIR | 110P | | | | 66 | 2364 | 60806000 |
| BRAKE-METERING | LANDING-GEAR.707.131 | AIR | 110P | | | | 66 | 2361 | 60808000 |
| BRAKE-METERING | LANDING-GEAR.727 | AIR | 120P | | | | 66 | 2361 | 60810000 |
| BRAKE-METERING | LANDING-GEAR.707.331 | AIR | 130P | | | | 66 | 2363 | 60812000 |
| BRAKE-METERING | LANDING-GEAR.727 | AIR | 140P | | | | 66 | 2361 | 60814000 |
| BRAKE-METERING | LANDING-GEAR.707-331 | AIR | 150P | | | | 65 | 2360 | 60816000 |
| | | | | | | | 66 | 2362 | 60818000 |

PART CLASS 90% VALUES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90% CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .60 M.B.C. | | | | | | | | | |
| BRAKE-METERING | LANDING-GEAR.707-331 | AIR | 170P | | | | 66 | 2362 | 60820000 |
| BRAKE-METERING | LANDING-GEAR.707-1318 | AIR | 200P | | | | 66 | 2362 | 60822000 |
| BRAKE-METERING | LANDING-GEAR.707-131 | AIR | 230P | | | | 66 | 2364 | 60824000 |
| BRAKE-METERING | LANDING-GEAR.707-131 | AIR | 650P | | | | 65 | 2362 | 60826000 |
| BRAKE-METERING-NOSE-LANDING-GEAR | LANDING-GEAR.880 | AIR | 160P | | | | 65 | 2360 | 60828000 |
| BRAKE-METERING-MAIN-LANDING-GEAR | LANDING-GEAR.88. | AIR | 90P | | | | 65 | 2363 | 60830000 |
| BRAKE-METERING-MAIN-LANDING-GEAR | LANDING-GEAR.88C | AIR | 150P | | | | 66 | 2365 | 60832000 |
| BRAKE-SHUTTLE | LANDING-GEAR.707.1318 | AIR | 10P | | | | 66 | 2361 | 60834000 |
| BRAKE-SHUTTLE | LANDING-GEAR.707.1318 | AIR | 10P | | | | 66 | 2361 | 60836000 |
| BRAKE-SHUTTLE | LANDING-GEAR.707-1318 | AIR | 20P | | | | 66 | 2364 | 60838000 |
| BRAKE-SHUTTLE | LANDING-GEAR.707.331 | AIR | 30P | | | | 65 | 2361 | 60840000 |
| BRAKE-SHUTTLE | LANDING-GEAR.707.331 | AIR | 30P | | | | 66 | 2361 | 60842000 |
| BRAKE-SHUTTLE | LANDING-GEAR.707.131 | AIR | 30P | | | | 66 | 2361 | 60844000 |
| BRAKE-SHUTTLE | LANDING-GEAR.707-331 | AIR | 40P | | | | 66 | 2362 | 60846000 |
| BRAKE-SHUTTLE | LANDING-GEAR.707-331 | AIR | 40P | | | | 66 | 2362 | 60848000 |
| BRAKE-SHUTTLE | LANDING-GEAR.707.1318 | AIR | 50P | | | | 65 | 2361 | 60850000 |
| BRAKE-SHUTTLE | LANDING-GEAR.707-131 | AIR | 60P | | | | 66 | 2362 | 60852000 |
| BRAKE-SHUTTLE | LANDING-GEAR.70783318 | AIR | 70P | | | | 66 | 2361 | 60854000 |
| BRAKE-SHUTTLE | LANDING-GEAR.707-331 | AIR | 80P | | | | 66 | 2364 | 60856000 |
| BREATHER-AND-PRESSURIZATION | OIL-SYSTEM | AIR | 210.276 | 278.417 | | .10938 | 63 | 1123 | 60858000A |
| BREATHER-AND-PRESSURIZATION | | AIR | 666.666 | 987.863 | 64 | .018 | 59 | 1110 | 60860000 |
| BREECH-AND-ROTARY.GAS | MB-1 | AIR | 36.3636 | 96.769 | 320 | .055 | 61 | 1080 | 60862000A |
| BRINE-AND-WATER | | | .103C | .2058340 | | 38.835C | 64 | 2239 | 60864000 |
| BUTTERFLY | | LAB | 3.4 | | | | 63 | 1138 | 60866000 |
| BUTTERFLY | | AIR | 150 | | | | 61 | 1068 | 60868000 |
| BUTTERFLY.AIR | RAIN-REMOVAL | AIR | 49.4988 | 80.4027 | | .16162 | 66 | 1241 | 60870000 |
| BUTTERFLY.ANTI-ICING | | AIR | 70.9108 | 111.928 | 244 | .12692 | 64 | 1144 | 60872000A |
| BUTTERFLY.HOT-AIR | | AIR | 55.2173 | 102.942 | | .138 | 59 | 1070 | 60874000 |
| BUTTERFLY.PRESSURE-ACTUATED.MAIN-FUEL | | GRD | 3750C | 8351C | 37 | .0008C | 66 | 1245 | 60876000A |
| BUTTERFLY.SHUTOFF.MOTOR-ACTUATED.4-INCH-TUBE.COOLING-AIR | | GRD | * | 3289.420 | 25 | .0007C | 66 | 1245 | 60878000A |
| BUTTERFLY.VENTILATION.AUXILIARY | | AIR | 31.5159 | 122.587 | 61 | .03173 | 64 | 1144 | 60880000 |
| BYPASS | FILTER.ENGINE-OIL-SYSTEM | AIR | * | 13.9975 | 304 | .1645 | 66 | 1250 | 60882000 |
| BYPASS | FILTER.FUEL-SYSTEM | AIR | * | 6.99878 | 608 | .329 | 66 | 1250 | 60884000 |
| BYPASS | OIL-FILTER.AUXILIARY-POWER-UNIT | AIR | * | 53.9834 | 76 | .04113 | 66 | 1250 | 60886000 |
| BYPASS | FILTER.CONSTANT-SPEED-DRIVE-OIL-SYSTEM | AIR | * | 13.9975 | 304 | .1645 | 66 | 1250 | 60888000A |
| BYPASS | WATER-SEPARATOR.AIR-CONDITION | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 60890000 |
| BYPASS | FILTER.REDUCTION-GEAR.ENGINE-OIL-SYSTEM | AIR | * | 4.94672 | 400 | .46548 | 65 | 1198 | 60892000 |

PART CLASS 925 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF DATA RPT | YR OF DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| BYPASS | TRANSMITTER.ALT-68 | AIR | • | 192.047 | 31 | .01194 | 63 | 1111 | 60894000 |
| BYPASS | OIL-COOLER.GENERATOR-DRIVE-SYSTEM | AIR | • | 48.2219 | 124 | .04775 | 63 | 1111 | 60896000 |
| BYPASS | FILTER.REDUCTION-GEAR.ENGINE-OIL-SYSTEM | AIR | • | 4.53598 | 200 | .50763 | 65 | 1198 | 60898000 |
| BYPASS | FILTER.CSC-OIL-SYSTEM | AIR | • | 23.2868 | 192 | .09888 | 65 | 1227 | 60900000 |
| BYPASS | FILTER.FUEL-SYSTEM | AIR | • | 11.6434 | 384 | .19776 | 65 | 1227 | 60902000 |
| BYPASS | OIL-FILTER.APU | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 60904000 |
| BYPASS | FILTER.ENGINE-OIL-SYSTEM | AIR | • | 23.2868 | 192 | .09888 | 65 | 1227 | 60906000 |
| BYPASS | FILTER.POWER-SECTION | AIR | 2.9488 | 11.4699 | 200 | .33912 | 63 | 1198 | 60908000 |
| BYPASS | FILTER.POWER-SECTION | AIR | 3.34448 | 13.009 | 203 | .299 | 63 | 1114 | 60910000 |
| BYPASS | | LAB | 5.88 | | | | 63 | 1138 | 60912000 |
| BYPASS | FILTER.REDUCTION-GEAR.ENGINE-OIL-SYSTEM | AIR | 5.89761 | 15.6944 | 200 | .33912 | 63 | 1198 | 60914000 |
| BYPASS | FILTER.REDUCTION-GEAR.ENGINE-OIL-SYSTEM | AIR | 6.68896 | 17.8003 | 200 | .299 | 63 | 1114 | 60916000 |
| BYPASS | FILTER.POWER-SECTION | AIR | 8.59328 | 17.1727 | 400 | .46548 | 63 | 1198 | 60918000 |
| BYPASS | FILTER.POWER-SECTION | AIR | 14.1643 | 28.2739 | 408 | .353 | 63 | 1114 | 60920000 |
| BYPASS | FILTER.POWER-SECTION | AIR | 16.129 | 62.737 | 272 | .062 | 63 | 1114 | 60922000 |
| BYPASS | | AIR SHP GRD | 20 | | | | 58 | 2L2 | 60924000 |
| BYPASS | FILTER.POWER-SECTION | AIR | 23.6392 | 35.0285 | 200 | .50763 | 65 | 1198 | 60926000 |
| BYPASS | TURBINE.REFRIGERATION-UNIT.AIR-CONDITION-SYSTEM | AIR | 24.3131 | 64.7009 | 152 | .08226 | 66 | 1250 | 60928000 |
| BYPASS | TURBINE.REFRIG-UNIT.AIR-COND-SYSTEM | AIR | 40.453 | 107.651 | 96 | .04944 | 65 | 1227 | 60930000 |
| BYPASS | | AIR | 81.3 | | | | 57 | 2L1 | 60932000 |
| BYPASS | | AIR SHP GRD | 100 | | | | 58 | 2L2 | 60934000 |
| BYPASS | GUN-TURRET.FIRE-CONTROL-SYSTEM | AIR | 251.256 | 559.53 | 31 | .01194 | 63 | 1111 | 60936000 |
| BYPASS | | AIR | 300 | | | | 61 | 1068 | 60938000 |
| BYPASS | TURBINE | AIR | 700.267 | 727.466 | | .2262 | 66 | 1263 | 60940000 |
| BYPASS | TURBINE.ELECT-EQUIP.AIR-COND | AIR | 1431.99 | 1571.8 | | .13757 | 66 | 1241 | 60942000 |
| BYPASS | TURBINE.AIR-TEMPERATURE | AIR | 1431.99 | 1571.8 | | .13757 | 66 | 1241 | 60944000 |
| BYPASS.EXHAUST | RADIO-RACK.AIR-CONDITION | AIR | 3.52671 | 13.7178 | 75 | .28333 | 65 | 1198 | 60946000 |
| BYPASS.HOT-AIR | AIR-CONDITIONING | AIR | 207.455 | 262.837 | | .15425 | 63 | 1123 | 6C948000A |
| BYPASS.HOT-AIR | | AIR | 800 | 1598.71 | 16 | .005 | 59 | 1110 | 60950000 |
| BYPASS.PRESSURE-OPERATED-THERMOSTATIC-CONTROL | | AIR | 1600 | 1910.41 | 320 | .035 | 61 | 1080 | 60952000A |
| BYPASS.SOLENOID | | AIR | 222.222 | 591.366 | 32 | .009 | 59 | 1110 | 60954000 |
| BYPASS.TEMPERATURE-CONTROL | | AIR | 94.451 | 153.42 | 180 | .0847 | 64 | 1144 | 60956000A |
| BYPASS.THERMO | ENGINE-FUEL-OIL-SYSTEM | AIR | • | 13.9975 | 304 | .1645 | 66 | 1250 | 60958000 |
| BYPASS.THERMO | ENGINE-AIR-OIL-SYSTEM | AIR | • | 13.9975 | 304 | .1645 | 66 | 1250 | 60960000A |
| BYPASS.THERMO | CONSTANT-SPEED-DRIVE-OIL-SYSTEM | AIR | 18.237 | 40.8127 | 304 | .1645 | 66 | 1250 | 60962000A |
| BYPASS.THERMOSTAT | OIL-SYSTEM.AUXILIARY-POWER-UNIT | AIR | • | 55.9834 | 76 | .04113 | 66 | 1250 | 60964000 |
| BYPASS.THERMOSTATIC | OIL-SYSTEM.APU | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 60966000 |
| BYPASS.THERMOSTATIC | OIL-SYSTEM.GTC.AUXILIARY-POWER | AIR | • | 19.7068 | 100 | .11637 | 65 | 1198 | 60968000 |
| BYPASS.THERMOSTATIC | OIL-SYSTEM.GTC.AUXILIARY-POWER | AIR | • | 27.1597 | 50 | .08476 | 63 | 1198 | 60970000 |
| BYPASS.THERMOSTATIC | ENGINE-FUEL-OIL-SYSTEM | AIR | • | 23.2868 | 192 | .09888 | 65 | 1227 | 60972000 |

PART CLASS 925 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.S.C. | | | | | | | | | |
| BYPASS.THERMOSTATIC | ENGINE-AIR-OIL-SYSTEM | AIR | * | 23.2868 | 192 | .09888 | 65 | 1227 | 60974000 |
| BYPASS.THERMOSTATIC | OIL-SYSTEM.GTC.AUXILIARY-POWER | AIR | 15.7591 | 41.9375 | 50 | .12691 | 65 | 1198 | 60976000 |
| BYPASS.THERMOSTATIC | CSD-OIL-SYSTEM | AIR | 20.2265 | 53.8258 | 192 | .09888 | 65 | 1227 | 60978000 |
| BYPASS.THERMOSTATIC | OIL-SYSTEM.GTC.AUXILIARY-POWER | AIR | 22.7272 | 60.4806 | 102 | .088 | 63 | 1114 | 60980000 |
| BYPASS.WATER-SEPARATOR | AIR-CONDITIONING | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 60982000 |
| BYPASS.WATER-SEPARATOR | AIR-COND.FLIGHT-DECK | AIR | 17.1865 | 45.736 | 100 | .11637 | 65 | 1198 | 60984000 |
| BYPASS.WATER-SEPARATOR | AIR-CONDITIONING | AIR | 418.76 | 776.775 | 31 | .01194 | 63 | 1111 | 60986000 |
| BYPASS.3-WAY.SOLENOID | SPEED-BRAKE | AIR | 19.4174 | 51.6728 | | .103 | 66 | 1241 | 60988000 |
| BYPASS-AND-CHECK | AIR-CONDITIONING-SYSTEM | AIR GMD | 505.05 | 886.54 | | .01188 | 62 | 2320 | 60990000 |
| CABIN-AIR-SUP-MOD-FLIGHT-CONTROL | AIR-CONDITIONING.727 | AIR | 4009 | | | | 64 | 2365 | 60992000 |
| CABIN-AIR-SUP-MOD-FLIGHT-CONTROL | AIR-CONDITIONING.727 | AIR | 460P | | | | 65 | 2365 | 60994000 |
| CABIN-AIR-SUP-MOD-FLIGHT-CONTROL | AIR-CONDITIONING.727 | AIR | 530P | | | | 66 | 2365 | 60996000 |
| CABIN-OUTFLOW | AIR-CONDITIONING.727 | AIR | 330P | | | | 66 | 2363 | 60998000 |
| CABIN-OUTFLOW | AIR-CONDITIONING.727 | AIR | 340P | | | | 63 | 2363 | 61000000 |
| CABIN-OUTFLOW | AIR-CONDITIONING.727 | AIR | 460P | | | | 65 | 2365 | 61002000 |
| CABIN-OUTFLOW | AIR-CONDITIONING.727 | AIR | 710P | | | | 66 | 2363 | 61004000 |
| CABIN-OUTFLOW | AIR-CONDITIONING.727 | AIR | 750P | | | | 66 | 2365 | 61006000 |
| CABIN-OUTFLOW | AIR-CONDITIONING.727 | AIR | 750P | | | | 66 | 2360 | 61008000 |
| CABIN-OUTFLOW | AIR-CONDITIONING.727 | AIR | 820P | | | | 65 | 2360 | 61010000 |
| CABIN-OUTFLOW | AIR-CONDITIONING.727 | AIR | 1010P | | | | 66 | 2365 | 61012000 |
| CABIN-OUTFLOW | AIR-CONDITIONING.727 | AIR | 1470P | | | | 66 | 2360 | 61014000 |
| CABIN-TEMPERATURE-CONTROL | AIR-CONDITIONING.727 | AIR | 90P | | | | 66 | 2360 | 61016000 |
| CABIN-TEMPERATURE-CONTROL | AIR-CONDITIONING.727 | AIR | 240P | | | | 66 | 2363 | 61018000 |
| CABIN-TEMPERATURE-CONTROL | AIR-CONDITIONING.727 | AIR | 270P | | | | 65 | 2360 | 61020000 |
| CAM-OPERATED.MECHANICALLY-CONTROLLED | | AIR | * | 40.3964 | | .037 | 61 | 1084 | 61022000 |
| CAM-OPERATED.MECHANICALLY-CONTROLLED | | AIR | 324.675 | 424.82 | | .077 | 61 | 1082 | 61024000 |
| CHARGING.AIR.HI-PRESSURE | CALIBRATION-RACK | GRD | 476.19 | 1852.23 | | .0021 | 62 | 1141 | 61026000 |
| CHARGING.GN2 | ACCUMULATOR.RESERVOIR.MANIFOLD | LAB | 16.6666C | 64.8283C | 3 | .66C | 66 | 1264 | 61028000A |
| CHECK | CONN.AUXILIARY-POWER-UNIT/GROUND.AIR-CONDITIONING-SYSTEM | AIR | * | 55.9834 | 76 | .04413 | 66 | 1250 | 61030000 |
| CHECK | CONN.LOW-PRESSURE.GROUND.AIR-CONDITION | AIR | * | 18.6596 | 228 | .1234 | 66 | 1250 | 61032000A |
| CHECK | ELECTRONIC-COOLING-SYSTEM | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 61034000A |
| CHECK | CONSTANT-SPEED-DRIVE-OIL-SYSTEM | AIR | * | 13.9975 | 304 | .1645 | 66 | 1250 | 61036000 |
| CHECK | ELECTRICAL-COOLING-SYSTEM | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 61038000 |
| CHECK | TEST-CONN.GROUND.NO-2-HYDRAULIC-SYSTEM | AIR | * | 55.9834 | 76 | .04413 | 66 | 1250 | 61040000A |
| CHECK | TEST-CONN.GROUND.NO-1-HYDRAULIC-SYSTEM | AIR | * | 55.9834 | 76 | .04413 | 66 | 1250 | 61042000A |
| CHECK | SUCTION-LINE.NO-2-HYDRAULIC-SYSTEM | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 61044000A |

PART CLASS 925 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART PERFORMANCE | PART HOURS | TR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .06 N.E.C. | | | | | | | | | |
| CHECK | SUCTION-LINE.NO-1-HYDRAULIC-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 61046000A |
| CHECK | SUCTION-BYPASS-RETURN. NO-2-HYDRAULIC-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 61048000A |
| CHECK | SUCTION-BOOST.NO-2-HYDRAULIC-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 61050000A |
| CHECK | EMERGENCY-EXTENSION. NOSE-LANDING-GEAR | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 61052000 |
| CHECK | SELECTER.CONSTANT-SPEED-DRIVE-OIL-SYSTEM | AIR | * | 6.99878 | 608 | .329 | 66 | 1250 | 61054000 |
| CHECK | RUNAROUND.NO-2-HYDRAULIC-SYSTEM | AIR | * | 13.9975 | 304 | .1645 | 66 | 1250 | 61056000A |
| CHECK | RUNAROUND.NO-1-HYDRAULIC-SYSTEM | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 61058000A |
| CHECK | RETURN-FILTER.ENGINE-OIL-SYSTEM | AIR | * | 13.9975 | 304 | .1645 | 66 | 1250 | 61060000 |
| CHECK | RESERVOIR-VENT.NO-2-HYDRAULIC-SYSTEM | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 61062000A |
| CHECK | RAIN-REPELLANT-SYSTEM | AIR | * | 18.6596 | 228 | .1234 | 66 | 1250 | 61064000 |
| CHECK | RAIN-REMOVAL-SYSTEM | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 61066000A |
| CHECK | PUMP-COOLING-NO-2-HYDRAULIC-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 61068000A |
| CHECK | PUMP-COOLING.NO-1-HYDRAULIC-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 61070000A |
| CHECK | CASE-DRAIN-LINE. NO-3-HYDRAULIC-SYSTEM | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 61072000A |
| CHECK | DOOR.HYDRAULIC.CARGO-RAMP | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 61074000A |
| CHECK | PRESSURE-LINE.NO-3-HYDRAULIC-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 61076000A |
| CHECK | PRESSURE-LINE.NO-1-HYDRAULIC-SYSTEM | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 61078000A |
| CHECK | DOOR.HYDRAULIC.PRESSURE | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 61080000A |
| CHECK | NO-3-HYDRAULIC-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 61082000 |
| CHECK | NO-2-HYDRAULIC-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 61084000A |
| CHECK | NO-1-HYDRAULIC-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 61086000 |
| CHECK | LANDING-GEAR-FREE-FALL. NO-2-HYDRAULIC-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 61088000A |
| CHECK | INTERCONNECT.NO-2-HYDRAULIC-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 61090000A |
| CHECK | CARGO-COMPARTMENT.AIR-CONDITION-SYSTEM | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 61092000 |
| CHECK | HYDRAULIC-SYSTEM. AUXILIARY-POWER-UNIT | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 61094000 |
| CHECK | CASE-DRAIN-LINE. NO-2-HYDRAULIC-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 61096000A |
| CHECK | BLEED-AIR-SYSTEM | AIR | * | 6.99878 | 608 | .329 | 66 | 1250 | 61098000A |
| CHECK | FUEL-VENT-SYSTEM | AIR | * | 13.9975 | 304 | .1645 | 66 | 1250 | 61100000 |
| CHECK | FUEL-DISTRIBUTION-SYSTEM | AIR | * | 2.33292 | 1824 | .987 | 66 | 1250 | 61102000 |
| CHECK | FLIGHT-STATION-GASPER. AIR-CONDITIONING-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 61104000A |
| CHECK | LANDING-GEAR.MAIN | AIR | * | 5.89344 | 200 | .23274 | 65 | 1198 | 61106000 |
| CHECK | RADAR-PRESSURE-SYSTEM | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 61108000 |
| CHECK | RESTRICTOR.EMERGENCY-LANDING | AIR | * | 41.8654 | 320 | .055 | 61 | 1080 | 61110000 |
| CHECK | AIR-STARTER.TURBOJET.J-85 | AIR | * | 13.1336 | 812 | .17532 | 64 | 1179 | 61112000 |
| CHECK | FIRE-EXTINGUISHER-SYSTEM | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 61114000 |
| CHECK | DOOR.HYDRAULIC.PRESSURE | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 61116000 |

PART CLASS VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| CHECK | VENT-SYSTEM.WING-FUEL | AIR | * | 32.1502 | 186 | .07162 | 63 | 1111 | 61118000 |
| CHECK | CASE-DRAIN-LINE.NO-2-HYD-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 61120000 |
| CHECK | SINGLE-POINT-REFUELING | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 61122000 |
| CHECK | RAIN-REPELLANT-SYSTEM | AIR | * | 31.049 | 144 | .07416 | 65 | 1227 | 61124000 |
| CHECK | L/H-MID-CELL-FUEL-PRESSURIZATION | AIR | * | 46.3486 | | .04968 | 63 | 1123 | 61126000 |
| CHECK | SINGLE-POINT-REFUELING | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 61128000 |
| CHECK | FUEL-BOOST-LINE.MAIN-FUEL-CELL | AIR | * | 46.3486 | | .04968 | 63 | 1123 | 61130000 |
| CHECK | NO-2-HYDRAULIC-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 61132000 |
| CHECK | WATER-INJECTION-SYSTEM | AIR | * | 21.4334 | 279 | .10743 | 63 | 1111 | 61134000 |
| CHECK | COLLECTOR-TANK.FUEL-VENT-SYSTEM | AIR | * | 4.94672 | 400 | .46548 | 65 | 1198 | 61136000 |
| CHECK | NO-3-HYDRAULIC-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 61138000 |
| CHECK | EQUIPMENT-COOLING-SECTION | AIR | * | 20.1505 | 473 | .11427 | 65 | 1228 | 61140000 |
| CHECK | NO-1-HYDRAULIC-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 61142000 |
| CHECK | AIR-CONDITIONING-SYSTEM | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 61144000 |
| CHECK | PRESSURE-PUMP.LIAISON-RADIO.ARC-58 | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 61146000 |
| CHECK | HELIUM-SUPPLY-BOTTLE | GRD | * | 625.706 | 54 | .00368 | 65 | 1171 | 61148000 |
| CHECK | ELECTRICAL-COOLING-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 61150000 |
| CHECK | RETURN-FILTER.ENGINE-OIL-SYSTEM | AIR | * | 23.2868 | 192 | .09888 | 65 | 1227 | 61152000 |
| CHECK | FLIGHT-STATION-GASPER.AIR-COND-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 61154000 |
| CHECK | PRESSURE-LINE.NO-1-HYD-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 61156000 |
| CHECK | CONN.LOW-PRESS.GROUND.AIR-COND | AIR | * | 31.049 | 144 | .07416 | 65 | 1227 | 61158000 |
| CHECK | VENT-SYSTEM.TANK.FUEL | AIR | * | 64.3004 | 93 | .03581 | 63 | 1111 | 61160000 |
| CHECK | SUCTION-LINE.NO-2-HYDRAULIC-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 61162000 |
| CHECK | SINGLE-POINT-REFUELING-SYSTEM | AIR | * | 23.2868 | 192 | .09888 | 65 | 1227 | 61164000 |
| CHECK | CANOPY.EJECTION-SYSTEM | AIR | * | 143.912 | 180 | .016 | 61 | 1080 | 61166000 |
| CHECK | CARGO-COMP.AIR-COND-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 61168000 |
| CHECK | PUMP-COOLING.NO-2-HYD-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 61170000 |
| CHECK | CONN.APU/GROUND.AIR-COND-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 61172000 |
| CHECK | ELECTRICAL-COOLING-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 61174000 |
| CHECK | RUNAROUND.NO-1-HYD-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 61176000 |
| CHECK | DOOR.HYDRAULIC.CARGO-RAMP | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 61178000 |
| CHECK | DOOR.HYDRAULIC.FORWARD-CARGO | AIR | * | 27.1597 | 50 | .08478 | 63 | 1198 | 61180000 |
| CHECK | FUEL-VENT-SYSTEM | AIR | * | 23.2868 | 192 | .09888 | 65 | 1227 | 61182000 |
| CHECK | PUMP-COOLING.NO-1-HYD-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 61184000 |
| CHECK | INLET.FUEL-SYSTEM | AIR | * | 23.2868 | 192 | .09888 | 65 | 1227 | 61186000 |
| CHECK | OIL-COOLER-INLET | AIR | * | 46.3393 | | .04969 | 63 | 1123 | 61188000 |
| CHECK | CSD-OIL-SYSTEM | AIR | * | 23.2868 | 192 | .09888 | 65 | 1227 | 61190000 |
| CHECK | TEST-CONN.GROUND.NO-1-HYDRAULIC-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 61192000 |
| CHECK | TEST-CONN.GROUND.NO-2-HYDRAULIC-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 61194000 |
| CHECK | RAIN-REMOVAL-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 61196000 |
| CHECK | SELECTOR.CSD-OIL-SYSTEM | AIR | * | 11.6434 | 384 | .19776 | 65 | 1227 | 61198000 |
| CHECK | EMERGENCY-EXTENSION.NOSE-LANDING-GR | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 61200000 |

PART CLASS 925 VALVES

| PART DESCRIPTION .00 M.O.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF APPY | DATA SOURCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| CHECK | | | | | | | | | |
| CHECK | DISTRIBUTION.AIR-COND.CARGO-COMPT | AIR | * | 19.7868 | 100 | .11837 | 65 | 1198 | 61202000 |
| CHECK | PUMP.ELECT.NO-3-HYD-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 61204000 |
| CHECK | INTERCONNECT.NO-2-HYD-SYSTEM | AIR | * | 95.1472 | 48 | .02472 | 65 | 1227 | 61206000 |
| CHECK | SUCTION-LINE.NO-1-HYDRAULIC-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 61208000 |
| CHECK | DOOR.HYDRAULIC.FORWARD-CARGO | AIR | * | 116 | 100 | .01985 | 65 | 1198 | 61210000 |
| CHECK | SUCTION-BOOST.NO-2-HYDRAULIC-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 61212000 |
| CHECK | RUNAROUND.NO-3-HYD-SYSTEM | AIR | * | 23.2868 | 192 | .09888 | 65 | 1227 | 61214000 |
| CHECK | CASE-DRAIN-LINE.NO-3-HYD-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 61216000 |
| CHECK | STEERING-SYSTEM | AIR | * | 48.2219 | 124 | .04775 | 63 | 1111 | 61218000 |
| CHECK | RADAR-PRESSURE-SYSTEM | AIR | * | 27.1597 | 50 | .08476 | 63 | 1198 | 61220000 |
| CHECK | REFUELING-SYSTEM | AIR | * | 8.76813 | 494 | .26261 | 63 | 1111 | 61222000 |
| CHECK | JETTISON.FUEL-SYSTEM | AIR | * | 4.53596 | 200 | .50763 | 65 | 1198 | 61224000 |
| CHECK | (STORAGE) | MSL | .002 | | | | 65 | 2440 | 61226000 |
| CHECK | (STORAGE) | | .761035 | 2.02522 | | 2.6280 | 63 | 2L1 | 61226000A |
| CHECK | | AIR GND | .761035 | 2.02522 | 30 | 2.628 | 64 | 1191 | 61230000 |
| CHECK | HYDRAULIC-POWER-SUPPLY | AIR | 1.00976 | 2.24867 | 12296 | 2.971 | 65 | 1228 | 61232000 |
| CHECK | DISTRIBUTION.FUEL-SYSTEM | AIR | 1.33511 | 5.19319 | 500 | .749 | 63 | 1114 | 61234000 |
| CHECK | FUEL-DISTRIBUTION-SYSTEM | AIR | 1.68554 | 6.55624 | 1152 | .59328 | 65 | 1247 | 61236000 |
| CHECK | HYDRAULIC-POWER-SUPPLY | AIR | 1.70813 | 2.26166 | 15522 | 13.665 | 67 | 1272 | 61238000 |
| CHECK | HYDRAULIC-SYSTEM.APU | AIR | 1.88341 | 5.01205 | 547 | 1.0619 | 65 | 1155 | 61240000 |
| CHECK | HYDRAULIC-POWER SUPPLY | AIR | 2.19375 | 4.06927 | 10956 | 2.2792 | 64 | 1179 | 61242000 |
| CHECK | DISTRIBUTION.FUEL-SYSTEM | AIR | 2.35907 | 6.27785 | 500 | .84779 | 63 | 1198 | 61244000 |
| CHECK | SINGLE-POINT-REFUELING | AIR | 3.37012 | 8.9684 | 350 | .59345 | 63 | 1198 | 61246000 |
| CHECK | DISTRIBUTION.FUEL-SYSTEM | AIR | 3.77714 | 7.5482 | 1224 | 1.059 | 63 | 1114 | 61248000 |
| CHECK | SINGLE-POINT-REFUELING | AIR | 3.81679 | 10.157 | 350 | .524 | 63 | 1114 | 61250000 |
| CHECK | DISTRIBUTION.FUEL-SYSTEM | AIR | 3.93985 | 6.91581 | 600 | 1.5229 | 65 | 1198 | 61252000 |
| CHECK | | AIR | 4.11522 | 8.22381 | | .972 | 63 | 2107 | 61254000 |
| CHECK | | LAB | 5 | | | | 63 | 1138 | 61256000 |
| CHECK | BLEED-AIR-SYSTEM | AIR | 5.05663 | 19.6687 | 384 | .19776 | 65 | 1227 | 61258000 |
| CHECK | DOOR.HYDRAULIC.FORWARD-CARGO | AIR | 7.8796 | 30.6492 | 80 | .12691 | 65 | 1198 | 61260000 |
| CHECK | FIRE-EXTINGUISHER-SYSTEM | AIR | 8.59328 | 33.4252 | 100 | .11837 | 65 | 1198 | 61262000 |
| CHECK | RADAR-PRESSURE-SYSTEM | AIR | 8.59328 | 33.4252 | 100 | .11837 | 65 | 1198 | 61264000 |
| CHECK | DISTRIBUTION.FUEL-SYSTEM | AIR | 8.59328 | 33.4252 | 100 | .11837 | 65 | 1199 | 61266000 |
| CHECK | AIR-STARTER.TURBOJET.J-85 | AIR | 8.7512 | 23.2882 | 946 | .22854 | 65 | 1228 | 61268000 |
| CHECK | MANIFOLD | AIR | 9.52381 | 37.0447 | 960 | .105 | 61 | 1080 | 61270000A |
| CHECK | EQUIPMENT-COOLING-SYSTEM | AIR | 9.65456 | 17.9086 | 597 | .51789 | 67 | 1272 | 61272000 |
| CHECK | | AIR SMP GRD | 10 | | | | 58 | 2L2 | 61274000 |
| CHECK | BUFFER.LOADER.20MM-GUN | AIR GND | 10R | 26.6115R | 14 | .2R | 64 | 1134 | 61276000 |
| CHECK | OIL-SYSTEM.GTC.AUXILIARY-POWER-PLANT | AIR | 11.3636 | 44.2011 | 102 | .088 | 63 | 1114 | 61278000 |
| CHECK | FIRE-EXTINGUISHER-SYSTEM | AIR | 11.7952 | 45.8799 | 50 | .08678 | 63 | 1198 | 61280000 |
| CHECK | SINGLE-POINT-REFUELING-SYSTEM | AIR | 12.158 | 32.3544 | 304 | .1645 | 66 | 1250 | 61282000 |
| CHECK | HYDRAULIC-POWER-SUPPLY | AIR | 13.0155 | 16.4981 | 1450 | 2.4586 | 63 | 1198 | 61284000 |
| CHECK | FIRE-EXTINGUISHER-SYSTEM | AIR | 13.3333 | 51.8626 | 50 | .075 | 63 | 1114 | 61286000 |
| CHECK | HYDRAULIC-POWER-SUPPLY | AIR | 13.8057 | 17.6323 | 1450 | 2.173 | 63 | 1114 | 61288000 |
| | | AIR | 14.15 | | | | 57 | 2L1 | 61290000 |

PART CLASS ... VALVE

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| ...V N.O.C. | | | | | | | | | |
| CHECK | CANOPY-SEAL-SYSTEM | AIR | 14.2857 | 55.5671 | 640 | .07 | 61 | 1060 | 61292000A |
| CHECK | OIL-SYSTEM,...TC,AUXILIARY-POWER-PLANT | AIR | 15.7591 | 41.9075 | 50 | .12698 | 65 | 1198 | 61294000 |
| CHECK | FUEL-SYSTEM | AIR | 17.1865 | 27.9647 | 400 | .46548 | 65 | 1198 | 61294000 |
| CHECK | OIL-SYSTEM,GTC,AUXILIARY-POWER-PLANT | AIR | 17.1865 | 45.736 | 100 | .11637 | 65 | 1198 | 61294000 |
| CHECK | RE...SERVOIR-VENT,NO-2-HYD-SYSTEM | AIR | 21.2765 | 78.6751 | 96 | .04944 | 65 | 1227 | 61300000 |
| CHECK | FUEL-DISTRIBUTION | AIR | 22.9424 | 81.4495 | 124 | .04779 | A3 | 1111 | 61302000 |
| CHECK | OVERSPEED,STARTING-SYSTEM | AIR | 22.9424 | 55.7306 | 248 | .0955 | 63 | 1111 | 61304000 |
| CHECK | EQUIPMENT-COOLING-SYSTEM | AIR | 22.8154 | 60.7192 | 406 | .09766 | 64 | 1179 | 61306000 |
| CHEK | FUEL-SYSTEM | AIR | 23.5904 | 32.3188 | 200 | .33912 | 63 | 1198 | 61308000 |
| CHECK | FUEL-SYSTEM | AIR | 26.7558 | 43.4605 | 200 | .299 | 63 | 1114 | 61310000 |
| CHEK | FUEL-SYSTEM | AIR | 32.258 | 85.8434 | 272 | .062 | 63 | 1114 | 61312000 |
| CHECK | BLEED-AIR-SYSTEM,AIR-CONDITIONER | AIR | 32.258 | 85.8434 | 272 | .062 | 63 | 1114 | 61314000 |
| CHECK | TIMER-HYDRAULIC-SYSTEM | AIR | 37.1426 | 46.9315 | 504 | .36387 | 65 | 1155 | 61314000 |
| CHECK | BLEED-AIR-SYSTEM,AIR-CONDITIONER | AIR | 37.3333 | 53.6746 | 250 | .375 | 63 | 1114 | 61318000 |
| CHECK | FUEL-SYSTEM | AIR | 39.66 | 57.0198 | 408 | .353 | 63 | 1114 | 61320000 |
| CHECK | BLEED-AIR-SYSTEM,AIR-CONDITIONER | AIR | 40.1037 | 55.6878 | 250 | .4239 | A3 | 1198 | 61322000 |
| CHECK | HYDRAULIC-SYSTEM,APU | AIR | 48.453 | 157.35 | 48 | .02472 | 65 | 1227 | 61324000 |
| CHEK | FUEL-SYSTEM | AIR | 49.3687 | 55.5213 | 200 | .50763 | 65 | 1198 | 61326000 |
| CHECK | HYDRAULIC-POWER-SUPPLY | AIR | 52.6332 | 63.6422 | 800 | .53097 | 65 | 1198 | 61328000 |
| CHECK | BLEED-AIR-SYSTEM,AIR-CONDITIONER | AIR | 53.8243 | 73.1783 | 406 | .353 | 63 | 1114 | 61330000 |
| CHECK | HYDRAULIC-POWER-SUPPLY | AIR | 56.4516 | 94.9266 | 546 | .124 | 63 | 1114 | 61332000 |
| CHECK | BLEED-AIR-SYSTEM,AIR-CONDITIONER | AIR | 59.981 | 75.4784 | 200 | .50763 | 65 | 1198 | 61334000 |
| CHECK | BLEED-AIR-SYSTEM,AIR-CONDITIONER | AIR | 60.4496 | 82.313 | 400 | .46548 | 65 | 1198 | 61334000 |
| CHEK | DISTRIBUTION,FUEL-SYSTEM | AIR | 66.6666 | 251.313 | 68 | .015 | A3 | 1114 | 61336000 |
| CHEK | HYDRAULIC-POWER-SUPPLY | AIR | 78.9169 | 89.953 | 550 | 1.396 | 65 | 1198 | 61340000 |
| CHEK | HYDRAULIC-POWER-SUPPLY | AIR | 80.097 | 90.2774 | 1122 | .824 | 63 | 1114 | 61342000 |
| CHECK | PRESSURE-LINE,NO-1-HYD-SYSTEM | AIR | 80.9061 | 245.303 | 48 | .02472 | 65 | 1227 | 61344000 |
| CHECK | CONSTANT-SPEED-DRIVE-SYSTEM | AIR | 114.255 | 238.387 | 320 | .035 | 61 | 1080 | 61346000A |
| CHEK | HYDRAULIC-SYSTEM | AIR | 172.268 | 149.303 | 1824 | .476 | 66 | 1225 | 61348000 |
| CHECK | | GRD | 182.815 | 7...096 | 85 | .00547 | 62 | 1113 | 61350000 |
| CHECK | TIMER-HYDRAULIC-SYSTEM | AIR | 199.98 | 270.423 | 384 | .10001 | 66 | 1225 | 61352000 |
| CHECK | | AIR GND | 202 | | | | 61 | 212 | 61354000 |
| CHECK | | AIR | 202.5 | | | | 57 | 211 | 61356000 |
| CHECK | AIR-CONDITIONING-SYSTEM | AIR | 245.225 | 275.534 | 597 | .51789 | 67 | 1272 | 61358000 |
| CHECK | | AIR | 25 | | | | 61 | 1065 | 61360000 |
| CHECK | GROUND,HYDRAULIC-POWER-SUPPLY | AIR | 279.281 | 329.131 | 200 | .23274 | 65 | 1198 | 61362000 |
| CHECK | OIL-SYSTEM,GTC,AUXILIARY-POWER-PLANT | AIR | 330.266 | 425.571 | 50 | .08478 | 63 | 1198 | 61364000 |
| CHECK | OIL-SYSTEM,GTC,AUXILIARY-POWER-PLANT | AIR | 346.666 | 451.152 | 50 | .075 | 63 | 1114 | 61366000 |
| CHECK | GROUND,HYDRAULIC-POWER-SUPPLY | AIR | 419.356 | 611.546 | 136 | .031 | 63 | 1114 | 61368000 |
| CHECK | GROUND,HYDRAULIC-POWER-SUPPLY | AIR | 426.454 | 490.286 | 204 | .176 | 63 | 1114 | 61370000 |
| CHECK | GROUND,HYDRAULIC-POWER-SUPPLY | AIR | 849.256 | 947.334 | 100 | .16956 | 65 | 1198 | 61372000 |
| CHECK | LANDING-GEAR-FREE-FALL,NO-2-HYD-SYSTEM | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 61374000 |
| CHECK | SUCTION-BYPASS-RETURN,NO-2-HYDRAULIC-SYSTEM | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 61376000 |

PART CLASS 625 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF APPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .C= N.O.C. | | | | | | | | | |
| CHECK.ACCELERATION | MAIN-FUEL-CELL | AIR | * | 10.9205 | | .21585 | 63 | 1123 | 61378000A |
| CHECK.AIR | VAC/PRESSURE-CALIBRATION-RACK | GRD | * | 8096.47 | | .0021 | 62 | 1141 | 61380000 |
| CHECK.AIR | | AIR | * | 65.7885 | | .035 | 61 | 1082 | 61382000 |
| CHECK.AIR | ENGINE.PRESSURE-SUPPLY | AIR | 90.7567 | 132.35 | 372 | .14324 | 63 | 1111 | 61384000 |
| CHECK.AIR | CABIN-PRESSURIZATION | AIR | 113.765 | 165.904 | 473 | .11427 | 65 | 1228 | 61386000 |
| CHECK.AIR | GROUND.PRESSURE-SUPPLY | AIR | 125.654 | 220.567 | 124 | .04775 | 63 | 1111 | 61388000 |
| CHECK.AIR | CABIN-PRESSURIZATION | AIR | 171.185 | 242.897 | 406 | .08766 | 64 | 1179 | 61390000 |
| CHECK.BALL | REDUCTION-GEAR.ENGINE-OIL-SYSTEM | AIR | * | 4.94672 | 400 | .46548 | 65 | 1198 | 61392000 |
| CHECK.BALL | REDUCTION-GEAR.ENGINE-OIL-SYSTEM | AIR | 1.96993 | 7.66247 | 200 | .50763 | 65 | 1198 | 61394000 |
| CHECK.BALL | REDUCTION-GEAR.ENGINE-OIL-SYSTEM | AIR | 2.83286 | 11.0189 | 408 | .353 | 63 | 1114 | 61396000 |
| CHECK.BALL | REDUCTION-GEAR.ENGINE-OIL-SYSTEM | AIR | 26.7558 | 43.4605 | 200 | .299 | 63 | 1114 | 61398000 |
| CHECK.BALL | REDUCTION-GEAR.ENGINE-OIL-SYSTEM | AIR | 29.488 | 45.4312 | 200 | .33912 | 63 | 1198 | 61400000 |
| CHECK.BALL | POWER-SECTION | AIR | 32.258 | 85.8435 | 272 | .062 | 63 | 1114 | 61402000 |
| CHECK.BALL | POWER-SECTION | AIR | 59.49 | 79.8422 | 408 | .353 | 63 | 1114 | 61404000 |
| CHECK.BALL | POWER-SECTION | AIR | 61.0681 | 77.6743 | 200 | .50763 | 65 | 1198 | 61406000 |
| CHECK.BALL | POWER-SECTION | AIR | 66.5979 | 84.7079 | 400 | .46548 | 65 | 1198 | 61408000 |
| CHECK.BALL | POWER-SECTION | AIR | 945.618 | 1014.87 | 200 | .33912 | 63 | 1198 | 61410000 |
| CHECK.BALL | POWER-SECTION | AIR | 1030.1 | 1109.46 | 200 | .299 | 63 | 1114 | 61412000 |
| CHECK.DUAL | C/C-OXYGEN-SYSTEM | AIR | * | 31.049 | 144 | .07416 | 65 | 1227 | 61414000 |
| CHECK.DUAL | CARGO-COMPARTMENT-OXYGEN-SYSTEM | AIR | 16.2074 | 43.1304 | 228 | .1234 | 66 | 1250 | 61416000A |
| CHECK.DUAL | FUEL.ENGINE | AIR | 55.5555 | 216.094 | 64 | .018 | 59 | 1110 | 61418000 |
| CHECK.FLAPPER | DEFUELING | AIR | * | 46.3486 | | .04968 | 63 | 1123 | 61420000A |
| CHECK.FLAPPER | FUEL-SYSTEM | AIR | * | 2.23901 | 4257 | 1.0264 | 65 | 1228 | 61422000 |
| CHECK.FLAPPER | FUEL-SYSTEM | AIR | * | 2.91858 | 3654 | .78895 | 64 | 1179 | 61426000 |
| CHECK.FLAPPER | PNEUMATIC.EQUIPMENT-.OOL | AIR | 153.139 | 595.666 | 43 | .00653 | 66 | 1240 | 61426000A |
| CHECK.FUEL | | AIR | * | 16.4471 | 1250 | .14 | 61 | 1080 | 61428000A |
| CHECK.FUEL | GTC.AUXILIARY-POWER-PLANT | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 61430000 |
| CHECK.FUEL | GTC.AUXILIARY-POWER-PLANT | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 61432000 |
| CHECK.FUEL | | AIR | 6.13496 | 23.8631 | | .163 | 61 | 1083 | 61434000 |
| CHECK.FUEL | GTC.AUXILIARY-POWER-PLANT | AIR | 11.7952 | 45.8799 | 50 | .08478 | 62 | 1198 | 61434000 |
| CHECK.FUEL | GTC.AUXILIARY-POWER-PLANT | AIR | 13.3333 | 51.8626 | 50 | .075 | 63 | 1114 | 61436000 |
| CHECK.FUEL | | AIR | 14.4927 | 38.5673 | | .138 | 59 | 1070 | 61440000 |
| CHECK.FUEL | | LAB | 31.25C | 121.553C | | .032C | 62 | 1136 | 61442000 |
| CHECK.FUEL | | GRD | 337.837 | 899.037 | 91 | .00592 | 63 | 1125 | 61444000 |
| CHECK.FUEL.DUAL-T | | AIR | 45.045 | 93.3558 | 640 | .111 | 61 | 1080 | 61446000A |
| CHECK.FUEL.EXTERNAL | | AIR | * | 32.8942 | 640 | .07 | 61 | 1080 | 61448000 |
| CHECK.FUEL.VACUUM-RELIEF | | AIR | 60.3864 | 134.476 | | .04968 | 63 | 1123 | 61450000 |
| CHECK.GLYCOL | | AIR | 28.5714 | 111.134 | 320 | .035 | 61 | 1080 | 61452000A |
| CHECK.HELIUM-GAS | | LAB | * | 36.5492C | 14 | .063C | 62 | 1085 | 61454000 |
| CHECK.HIGH-PRESSURE | GROUND-AIR.AIR-CONDITION | AIR | * | 55.5834 | 76 | .04113 | 66 | 1250 | 61456000A |
| CHECK.HIGH-PRESSURE | GROUND-AIR.AIR-CONDITIONING | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 61458000 |
| CHECK.HIGH-PRESSURE.HOT-GAS | | AIR | * | 65.7885 | 320 | .035 | 61 | 1080 | 61460000A |
| CHECK.HYDROGEN-PEROXIDE | | LAB | * | 85.2814C | 20 | .027C | 62 | 1085 | 61462000 |
| CHECK.INLET | FUEL-SYSTEM | AIR | 6.07902 | 23.6455 | 304 | .1645 | 66 | 1250 | 61464000 |
| CHECK.LIQUID-OXYGEN | | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 61466000 |

PART CLASS 625 VALVES

| PART DESCRIPTION .UOC N.E.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| CHECK.MANUAL | TURRET-PNEUMATIC-SYSTEM | AIR | 430.555 | 547.636 | 186 | .072 | 63 | 1111 | 61468000 |
| CHECK.OXYGEN | | AIR | • | 65.7885 | 320 | .035 | 61 | 1080 | 61470000A |
| CHECK.OXYGEN | | AIR | • | 14.1263 | | .163 | 61 | 1083 | 61472000 |
| CHECK.OXYGEN | | AIR | • | 27.4119 | | .084 | 61 | 1082 | 61474000 |
| CHECK.OXYGEN.FIXED-SYSTEM | | AIR | 5.05518 | 11.2575 | 350 | .59345 | 63 | 1198 | 61476000 |
| CHECK.OXYGEN.FIXED-SYSTEM | | AIR | 5.72519 | 12.7496 | 350 | .524 | 63 | 1114 | 61478000 |
| CHECK.OXYGEN.FIXED-SYSTEM | | AIR | 70.9171 | 93.7976 | 350 | .38836 | 65 | 1198 | 61480000 |
| CHECK.OXYGEN.FIXED-SYSTEM | | AIR | 111.65 | 130.927 | 714 | .618 | 63 | 1114 | 61482000 |
| CHECK.OXYGEN.2-WAY | | AIR | • | 36.5492 | | .063 | 61 | 1082 | 61484000 |
| CHECK.PRESSURE | JET-PUMP.AIR-CONDITIONING | AIR | • | 46.5736 | 96 | .04944 | 65 | 1227 | 61486000 |
| CHECK.PRESSURE | WATER-INJECTION-SYSTEM | AIR | • | 192.847 | 31 | .01194 | 63 | 1111 | 61488000 |
| CHECK.PRESSURE | HAND-PUMP.NO-3-HYD-SYSTEM | AIR | • | 46.5736 | 96 | .04944 | 65 | 1227 | 61490000 |
| CHECK.PRESSURE | JET-PUMP.AIR-CONDITION | AIR | • | 27.9917 | 152 | .08226 | 66 | 1250 | 61492000A |
| CHECK.PRESSURE.HAND-PUMP | NO-3-HYDRAULIC-SYSTEM | AIR | • | 27.9917 | 152 | .08226 | 66 | 1250 | 61494000 |
| CHECK.PUMP.ELECTRIC | NO-3-HYDRAULIC-SYSTEM | AIR | • | 27.9917 | 152 | .08226 | 66 | 1250 | 61496000A |
| CHECK.SPRING-LOADED | | AIR | • | 6.73274 | | .342 | 61 | 1084 | 61498000 |
| CHECK.SPRING-LOADED | | AIR | 7.98035 | 11.6377 | | 1.629 | 63 | 1083 | 61500000 |
| CHECK.SPRING-LOADED | | AIR | 27.7777 | 46.7099 | | .252 | 61 | 1082 | 61502000 |
| CHECK.SWING | DISTRIBUTION.FUEL-SYSTEM | AIR | • | 4.53598 | 200 | .50763 | 65 | 1198 | 61504000 |
| CHECK.SWING | INTEGRAL-FUEL-TANK | AIR | • | .824448 | 2400 | 2.7929 | 65 | 1198 | 61506000 |
| CHECK.SWING | PURGE-SYSTEM.FUEL | AIR | 2.9488 | 11.4699 | 200 | .33912 | 63 | 1198 | 61508000 |
| CHECK.SWING | PURGE-SYSTEM | AIR | 3.34448 | 13.009 | 200 | .299 | 63 | 1114 | 61510000 |
| CHECK.SWING | POWER-SECTION | AIR | 212.314 | 248.117 | 200 | .33912 | 63 | 1198 | 61512000 |
| CHECK.SWING | POWER-SECTION | AIR | 230.769 | 270.613 | 200 | .299 | 63 | 1114 | 61514000 |
| CHECK.SWING.SOLENOID-OVERRIDE | FUEL-SYSTEM | AIR | 58.4316 | 108.587 | | .08557 | 63 | 1123 | 61516000 |
| CHECK.3-WAY | OXYGEN-SUPPLY | AIR | • | 64.3004 | 93 | .03581 | 63 | 1111 | 61518000 |
| CHECK-AIR-START | STARTING.727-331 | AIR | 340P | | | | 65 | 2362 | 61520000 |
| CHECK-AIR-SWING | FUEL.727 | AIR | 50P | | | | 66 | 2360 | 61522000 |
| CHECK-FUEL-FEED | FUEL.727C/373C | AIR | 250P | | | | 66 | 2365 | 61524000 |
| CHECK-FUELING-MANIFOLD | FUEL.727-1318 | AIR | 70P | | | | 66 | 2364 | 61526000 |
| CHECK-1.5-IN | AIR-CONDITIONING.727 | AIR | 40P | | | | 65 | 2363 | 61528000 |
| CHECK-4.5-IN | AIR-CONDITIONING.727 | AIR | 340P | | | | 65 | 2365 | 61530000 |
| CHECK-4.5-INCH | AIR-CONDITIONING.727 | AIR | 270P | | | | 65 | 2360 | 61532000 |
| CHECK-8-16-AND-66 | AIR-CONDITIONING.880 | AIR | 30P | | | | 66 | 2365 | 61534000 |
| CHECK-8-16-AND-66 | AIR-CONDITIONING.880 | AIR | 50P | | | | 66 | 2365 | 61536000 |
| CHECK-8-16-AND-66 | AIR-CONDITIONING.880 | AIR | 80P | | | | 66 | 2363 | 61538000 |
| CHECK-8-16-AND-66 | AIR-CONDITIONING.880 | AIR | 120P | | | | 66 | 2360 | 61540000 |
| CHECK-8-16-AND-66 | AIR-CONDITIONING.880 | AIR | 150P | | | | 66 | 2360 | 61542000 |
| CHECK-8-16-AND-66 | AIR-CONDITIONING.880 | AIR | 160P | | | | 65 | 2360 | 61544000 |
| CHECK-8-16-AND-66 | AIR-CONDITIONING.880 | AIR | 200P | | | | 66 | 2363 | 61546000 |
| CHECK-8-16-AND-66 | AIR-CONDITIONING.880 | AIR | 270P | | | | 65 | 2363 | 61548000 |
| COCKPIT-MANUAL-SHUT-OFF | AIR-CONDITIONING.707-1318 | AIR | 130P | | | | 66 | 2364 | 61550000 |
| COCKPIT-MANUAL-SHUT-OFF | AIR-CONDITIONING.707-331B | AIR | 190P | | | | 66 | 2364 | 61552000 |
| COLD-AIR-MODULATING-2.5-INCH | AIR-CONDITIONING-SYSTEM | AIR GND | 168.35 | 654.831 | | .00594 | 62 | 2320 | 61554000 |

PART CLASS 925 VALVES

| PART DESCRIPTION .00 N.E.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| COMBINATION | OXYGEN-SYSTEM | AIR | 273.785 | 360.296 | 406 | .08766 | 64 | 1179 | 61556000 |
| COMBINATION | OXYGEN-SYSTEM | AIR | 402.555 | 489.822 | 473 | .11427 | 65 | 1228 | 61558000 |
| CONSTANT-FLOW-RELIEF | | GRD | * | 3243.09 | | .00071 | 65 | 1207 | 61560000 |
| CONSTANT-SPEED-DRIVE-RELIEF | ELECTRICAL-POWER.707-331 | AIR | 80P | | | | 66 | 2362 | 61562000 |
| CONSTANT-SPEED-DRIVE-RELIEF | ELECTRICAL-POWER.707-131 | AIR | 300P | | | | 65 | 2362 | 61564000 |
| CONT-FLOW-REGULATOR | OXYGEN.88Q | AIR | 80P | | | | 66 | 2365 | 61566000 |
| CONT-FLOW-REGULATOR | OXYGEN.88C | AIR | 160P | | | | 65 | 2365 | 61568000 |
| CONTROL | LEVEL.PRESSURE-REFUELING-SYSTEM | AIR | * | 20.1505 | 473 | .11427 | 65 | 1228 | 61570000 |
| CONTROL | LEVEL.PRESSURE-REFUELING-SYSTEM | AIR | * | 26.2673 | 406 | .08766 | 64 | 1179 | 61572000 |
| CONTROL | ATTITUDE | GRD | * | 1051.41 | 34 | .00219 | 62 | 1113 | 61574000 |
| CONTROL | OUTLET.LOWER.FLIGHT-STATION. AIR-CONDITIONING | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 61576000 |
| CONTROL | DOOR.BOMB-BAY | AIR | * | 81.1346 | 50 | .02838 | 64 | 1144 | 61578000A |
| CONTROL | PYLON-TANK.DISTRIBUTION.FUEL-SYSTEM | AIR | * | 6.78992 | 200 | .33912 | 63 | 1198 | 61580000 |
| CONTROL | ACCUMULATOR.NO-3-HYDRAULIC-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 61582000 |
| CONTROL | OUTLET.LOWER.FLIGHT-STATION. AIR-CONDITION | AIR | 6.07902 | 23.6455 | 304 | .1645 | 66 | 1250 | 61584000 |
| CONTROL | CG-EMERGENCY | LAB | 8.5 | | | | 63 | 1138 | 61586000 |
| CONTROL | INT-TANK.FUEL-SYSTEM | AIR | 9.52381 | 37.0447 | 960 | .105 | 61 | 1089 | 61588000 |
| CONTROL | RETRACT.NOSE-LANDING-GEAR | AIR | 13.3779 | 26.7342 | 200 | .299 | 63 | 1114 | 61590000 |
| CONTROL | INT-TANK.FUEL-SYSTEM | AIR | 17.6335 | 32.7092 | 75 | .28355 | 65 | 1196 | 61592000 |
| CONTROL | LEVEL.SINGLE-POINT-REFUELING | AIR | 17.6928 | 31.0571 | 200 | .33912 | 63 | 1198 | 61594000 |
| CONTROL | LEVEL.PRESSURE-REFUELING-SYSTEM | AIR | 35.3857 | 52.4343 | 200 | .33912 | 63 | 1198 | 61596000 |
| CONTROL | EMERGENCY.LANDING-GEAR.MAIN | AIR | 40.5491 | 54.4214 | 597 | .51789 | 67 | 1272 | 61598000 |
| CONTROL | GUN-TURRET.FIRE-CONTROL-SYSTEM | AIR | 41.8848 | 111.461 | 124 | .04775 | 63 | 1111 | 61600000 |
| CONTROL | BOOSTER-FLOW | AIR | 41.8935 | 162.953 | 62 | .02387 | 63 | 1111 | 61602000 |
| CONTROL | ACTUATOR.LOCK.DOOR.HYDRAULIC. PRESSURE | AIR | 48.9814 | 93.8871 | 150 | .08514 | 64 | 1144 | 61604000 |
| CONTROL | ACTUATING-CYLINDER.DOOR.HYDRAULIC. PRESSURE | AIR | 48.6263 | 129.401 | 76 | .04113 | 66 | 1250 | 61606000A |
| CONTROL | MAIN-LANDING-GEAR | AIR | 48.6263 | 129.401 | 76 | .04113 | 66 | 1250 | 61608000A |
| CONTROL | DOOR.LANDING-GEAR | AIR | 54.4274 | 79.1803 | 75 | .28355 | 65 | 1196 | 61610000 |
| CONTROL | DUAL-LEVEL.SINGLE-POINT-REFUEL | AIR | 71.4285 | 277.835 | 68 | .014 | 59 | 1110 | 61612000 |
| CONTROL | BRAKE | AIR | 76.8608 | 104.783 | 400 | .2472 | 65 | 1227 | 61614000 |
| CONTROL | BRAKE | AIR | 78.7815 | 111.829 | | .1984 | 66 | 1263 | 61616000 |
| CONTROL | BRAKE | AIR | 78.7815 | 111.829 | | .1904 | 66 | 1241 | 61618000 |
| CONTROL | ACTUATING-CYLINDER.DOOR. HYDRAULIC-PRESSURE | AIR | 78.7815 | 111.829 | | .1904 | 65 | 1188 | 61620000 |
| CONTROL | ACTUATOR.LOCK.DOOR. HYDRAULIC-PRESSURE | AIR | 80.9061 | 215.303 | 48 | .02472 | 65 | 1227 | 61622000 |
| CONTROL | PRE-MAP-AIR-EXIT. AIR-CONDITIONING-SYSTEM | AIR | 80.9061 | 215.303 | 48 | .02472 | 65 | 1227 | 61624000 |
| CONTROL | AFTERBURNER-NOZZLE | AIR | 85.096 | 143.093 | 152 | .08226 | 66 | 1250 | 61626000A |
| CONTROL | MANIFOLD.DOOR.HYDRAULIC.RAMP | AIR | 93.4907 | 151.86 | | .08557 | 63 | 1123 | 61628000A |
| | | AIR | 103.119 | 152.801 | 100 | .11637 | 65 | 1198 | 61630000 |

PART CLASS 925 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| CONTROL | STARTER.AUXILIARY-POWER-UNIT. HYDRAULIC-SYSTEM | AIR | 109.409 | 172.696 | 152 | .06224 | 66 | 1250 | 61632000 |
| CONTROL | DOOR.HYDRAULIC.FORWARD-CARGO | AIR | 113.636 | 175.075 | 102 | .088 | 63 | 1114 | 61634000 |
| CONTROL | EMERGENCY.TIP-PROTECTION-GEAR | AIR | 125.68 | 279.882 | 62 | .02387 | 63 | 1111 | 61636000 |
| CONTROL | FLIGHT-CONTROLS | AIR | 134.015 | 166.414 | 75 | .28355 | 65 | 1196 | 61638000 |
| CONTROL | BRAKE.LANDING-GEAR | AIR | 141.342 | 174.523 | 75 | .283 | 65 | 1196 | 61640000 |
| CONTROL | BRAKE.ANTI-SKID.LANDING-GEAR | AIR | 145.687 | 270.241 | | .03432 | 66 | 1241 | 61642000 |
| CONTROL | DOOR.HYDRAULIC-FORWARD-CARGO | AIR | 151.133 | 336.564 | 100 | .01989 | 65 | 1198 | 61644000 |
| CONTROL | LEVEL.TRANSFER.A-FUEL | AIR | 163.408 | 165.029 | | .6854 | 66 | 1263 | 61646000 |
| CONTROL | CROSSFEED.FUEL-DISTRIBUTION | AIR | 167.504 | 445.753 | 31 | .01194 | 63 | 1111 | 61648000 |
| CONTROL | | AIR | 167.7 | | | | 57 | 2L1 | 61650000 |
| CONTROL | | AIR GND | 168 | | | | 61 | 2L2 | 61652000 |
| CONTROL | ACTUATOR.LOCK.DOOR, HYDRAULIC.PETAL | AIR | 170.192 | 286.187 | 76 | .04113 | 66 | 1250 | 61654000A |
| CONTROL | ACTUATOR.DOOR.HYDRAULIC.PETAL | AIR | 170.192 | 286.187 | 76 | .04113 | 66 | 1250 | 61656000A |
| CONTROL | DOOR.HYDRAULIC.FORWARD-CARGO | AIR | 176.928 | 251.148 | 50 | .08478 | 65 | 1198 | 61658000 |
| CONTROL | ACTUATOR.DOOR.HYDRAULIC.CARGO-RAMP | AIR | 194.505 | 315.942 | 76 | .04113 | 66 | 1250 | 61660000A |
| CONTROL | | AIR | 198 | | | | 57 | 2L1 | 61662000 |
| CONTROL | BOOM-TELESCOPING | AIR | 200 | 777.94 | 16 | .005 | 59 | 1110 | 61664000 |
| CONTROL | ACTUATOR.LOCK.DOOR. HYDRAULIC-PETAL | AIR | 202.269 | 375.19 | 48 | .02472 | 65 | 1227 | 61666000 |
| CONTROL | STARTER.PNEUMATIC-SYSTEM | AIR | 224.924 | 280.14 | 304 | .1645 | 66 | 1250 | 61668000 |
| CONTROL | ACTUATOR.DOOR.HYDRAULIC.PETAL | AIR | 242.718 | 426.055 | 48 | .02472 | 65 | 1227 | 61670000 |
| CONTROL | PRE-RAM-AIR-EXIT. AIR-CONDITIONING-SYSTEM | AIR | 242.718 | 359.659 | 96 | .04944 | 65 | 1227 | 61672000 |
| CONTROL | AUTOPILOT-ENGAGEMENT | AIR | 270.143 | 357.684 | 150 | .08514 | 64 | 1144 | 61674000 |
| CONTROL | BRAKE.LANDING-GEAR | AIR | 271.247 | 476.134 | | .02212 | 66 | 1241 | 61676000 |
| CONTROL | ACCUMULATOR.NO-3-HYDRAULIC-SYSTEM | AIR | 283.171 | 476.169 | 48 | .02472 | 65 | 1227 | 61678000 |
| CONTROL | MANIFOLD.DOOR.HYDRAULIC.RAMP | AIR | 315.183 | 389.174 | 50 | .12691 | 65 | 1198 | 61680000 |
| CONTROL | ACTUATOR.DOOR.HYDRAULIC.CARGO-RAMP | AIR | 323.624 | 525.675 | 48 | .02472 | 65 | 1227 | 61682000 |
| CONTROL | MANIFOLD.DOOR.HYDRAULIC.RAMP | AIR | 340.909 | 435.398 | 102 | .088 | 63 | 1114 | 61684000 |
| CONTROL | AUTOMATIC-RETRACT | AIR | 400 | 1064.46 | 16 | .005 | 59 | 1110 | 61686000 |
| CONTROL | | AIR | 450 | | | | 61 | 1048 | 61688000 |
| CONTROL | ELEVON | AIR | 1371.42 | 1568.8 | 640 | .07 | 61 | 1080 | 61690000A |
| CONTROL | PUMP | AIR | 1666.66 | 2128.61 | 64 | .018 | 59 | 1110 | 61692000 |
| CONTROL. | SPOILER.INBOARD | AIR | 111.111 | 432.188 | 32 | .009 | 59 | 1110 | 61694000 |
| CONTROL. | STARTER.AUXILIARY-POWER-UNIT. HYDRAULIC-SYSTEM | AIR | 121.359 | 213.027 | 96 | .04944 | 65 | 1227 | 61696000 |
| CONTROL. | STARTER | AIR | 141.676 | 209.935 | 180 | .0847 | 64 | 1144 | 61698000 |
| CONTROL. | SPOILER.OUTBOARD | AIR | 222.222 | 591.366 | 32 | .009 | 59 | 1110 | 61700000 |
| CONTROL. | STARTER.PNEUMATIC-SYSTEM | AIR | 232.605 | 307.982 | 192 | .09888 | 65 | 1227 | 61702000 |
| CONTROL. | STARTER | AIR | 376.963 | 470.974 | 248 | .0955 | 63 | 1111 | 61704000 |
| CONTROL. | STARTER | AIR | 500 | 840.778 | 48 | .014 | 59 | 1110 | 61706000 |
| CONTROL.ACCEL/OVERHEAT | FUEL-SYSTEM.AUXILIARY-POWER-UNIT | AIR | 0 | 55.9834 | 76 | .04113 | 66 | 1250 | 61708000 |
| CONTROL.ACCELERATION | FUEL-SYSTEM.AUXILIARY-POWER-UNIT | AIR | 0 | 93.1472 | 48 | .02472 | 65 | 1227 | 61710000 |
| CONTROL.AIR.FLOW | | AIR | 0 | 191.883 | 31 | .012 | 63 | 1111 | 61712000 |

PART CLASS 925 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PARTS | COST | YR OF DATA | CODES INDEX |
|---|---|---|---|---|---|---|---|---|
| .00 N.E.C. | | | | | | | | |
| CONTROL.AIR.FLOW | CANOPY-DEFOG | AIR | 113.765 | 165.984 | 473 | .11427 | 65 1228 | 61714000 |
| CONTROL.AIR.FLOW | CANOPY-DEFOG | AIR | 216.746 | 295.483 | 486 | .08744 | 64 1179 | 61716000 |
| CONTROL.AIR.FLOW | | AIR | 1000 | 1854.94 | 60 | .005 | 61 1080 | 61718000A |
| CONTROL.AIR.HOT | COCKPIT-DEFOGGING | AIR | 60.3743 | 134.449 | | .04969 | 63 1123 | 61720000A |
| CONTROL.AIR.PRESSURE | CANOPY-SEAL.EMERGENCY | AIR | 85.7142 | 190.88 | 320 | .035 | 61 1080 | 61722000A |
| CONTROL.AIR.RAM | ELECTRONIC-PACKAGE-TEMPERATURE | AIR | 11.6863 | 31.0991 | | .17114 | 63 1123 | 61724000 |
| CONTROL.BLEED | ENGINE-FUEL-SYSTEM | AIR | 99.4161 | 239.855 | 64 | .01669 | 66 1225 | 61726000 |
| CONTROL.BLEED-AIR/FUEL-CELL | WING | AIR | 199.723 | 291.257 | | .06509 | 63 1123 | 61728000A |
| CONTROL.DIRECTIONAL | FIRE-EXTINGUISHING-SYSTEM | AIR | 16.7224 | 31.019 | 200 | .299 | 65 1114 | 61730000 |
| CONTROL.DIRECTIONAL | FIRE-EXTINGUISHING-SYSTEM | AIR | 17.1865 | 27.9167 | 400 | .46548 | 65 1198 | 61732000 |
| CONTROL.DIRECTIONAL | FIRE-EXTINGUISHING-SYSTEM | AIR | 17.6928 | 31.0571 | 200 | .33912 | 65 1198 | 61734000 |
| CONTROL.DIRECTIONAL | HYDRAULIC.THRUST-REVERSER | AIR | 18.237 | 40.6127 | 304 | .1645 | 66 1250 | 61736000 |
| CONTROL.DIRECTIONAL | FIRE-EXTINGUISHING-SYSTEM | AIR | 32.258 | 85.8435 | 272 | .062 | 63 1114 | 61738000 |
| CONTROL.DIRECTIONAL | DOOR.HYDRAULIC.RAMP | AIR | 51.1126 | 74.9378 | 150 | .23434 | 63 1198 | 61740000 |
| CONTROL.DIRECTIONAL | DOOR.HYDRAULIC.RAMP | AIR | 57.7777 | 84.2575 | 150 | .225 | 63 1114 | 61742000 |
| CONTROL.DIRECTIONAL | FIRE-EXTINGUISHING-SYSTEM | AIR | 104.406 | 125.298 | 200 | .50763 | 65 1198 | 61744000 |
| CONTROL.DIRECTIONAL | FIRE-EXTINGUISHING-SYSTEM | AIR | 116.147 | 143.031 | 408 | .353 | 63 1114 | 61746000 |
| CONTROL.DIRECTIONAL-HYDRAULIC | | GRD | 22.831 | 27.7804 | 46 | 2.0148 | 64 1191 | 61748000 |
| CONTROL.DUAL-LEVEL | SINGLE-POINT-REFUEL | AIR | 80.2334 | 101.273 | 760 | .4113 | 66 1250 | 61750000A |
| CONTROL.FLOW | AUTOPILOT | AIR | 11.7453 | 45.6659 | 150 | .08514 | 64 1144 | 61752000A |
| CONTROL.FLOW | RAM-AIR-TURBINE | AIR | 57.1428 | 132.068 | 320 | .035 | 61 1080 | 61754000A |
| CONTROL.FLOW | CANOPY-DEFOG | AIR | 77.2364 | 95.568 | 597 | .51789 | 67 1272 | 61756000 |
| CONTROL.FLOW | ELECTRONIC-COOLING-SYSTEM | AIR | 413.323 | 573.938 | 76 | .04113 | 66 1250 | 61758000 |
| CONTROL.FLOW | ELECTRONIC-COOLING-SYSTEM | AIR | 687.702 | 954.939 | 48 | .02472 | 65 1227 | 61760000 |
| CONTROL.FLOW | AIR-CONDITIONING-SYSTEM | AIR | 882.352 | 1252.49 | 64 | .017 | 66 1225 | 61762000 |
| CONTROL.FLOW | AIR-CONDITION | AIR | 1800 | 2156.41 | 260 | .03 | 61 1080 | 61764000A |
| CONTROL.FUEL | TANK-REPLENISH | AIR | 7.14285 | 27.7835 | 1280 | .14 | 61 1080 | 61766000 |
| CONTROL.FUEL | ENGINE.AFTERBURNER | AIR | 200 | 301.784 | 320 | .055 | 61 1080 | 61768000 |
| CONTROL.FUEL | ENGINE | AIR | 1018.18 | 1215.71 | 320 | .035 | 61 1080 | 61770000 |
| CONTROL.FUEL | | GRD | 3225.8 | 5483.67 | 23 | .00155 | 63 1125 | 61772000 |
| CONTROL.FUEL | | GRD | 4587.15 | 6508.69 | 17 | .00109 | 62 1113 | 61774000 |
| CONTROL.FUEL.BYPASS | | AIR | 400 | 1064.46 | 16 | .005 | 59 1110 | 61776000 |
| CONTROL.FUEL.LEVEL | | AIR | 8.7512 | 23.2862 | 946 | .22854 | 65 1228 | 61778000 |
| CONTROL.FUEL.LEVEL | | AIR | 11.4077 | 30.3576 | 812 | .17532 | 64 1179 | 61780000 |
| CONTROL.FUEL.LEVEL | | AIR | 24.1382 | 31.9836 | 1194 | 1.0357 | 67 1272 | 61782000 |
| CONTROL.FUEL.LEVEL | | AIR | 29.2761 | 58.505 | | .13663 | 63 1123 | 61784000A |
| CONTROL.FUEL.LEVEL | | AIR | 29.6296 | 59.2114 | | .135 | 59 1070 | 61786000 |
| CONTROL.FUEL.MANUAL | | AIR | * | 164.471 | | .014 | 61 1082 | 61788000 |
| CONTROL.FUEL.MANUAL | | AIR | 1.93423 | 7.52359 | | .517 | 61 1084 | 61790000 |
| CONTROL.FUEL.MANUAL | | AIR | 6.13496 | 11.38 | | .815 | 61 1083 | 61792000 |
| CONTROL.FUEL-PRESSURE-ACTUATED.LOX.900PSIG | | GRD | 5000C | 8778.75C | 43 | .00120 | 66 1245 | 61794000A |
| CONTROL.HEATER.BLEED-AIR | | HELI | 144.508 | 268.054 | 40 | .0346 | 66 1257 | 61796000 |
| CONTROL.LIQUID-OXYGEN | | AIR | 37.7358 | 75.4108 | | .106 | 59 1070 | 61798000 |

PART CLASS 5.1 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF DATA RPT | YR OF DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .001 N.O.L. | | | | | | | | | |
| CONTROL,MANUAL | PB-LOCK | AIR | 1159.09 | 1314.2 | 320 | .055 | 61 | 1080 | 61800000A |
| CONTROL,MANUAL,2-WAY | | AIR | * | 164.471 | | .014 | 61 | 1082 | 61802000 |
| CONTROL,MANUAL,3-WAY | | AIR | * | 14.1263 | | .163 | 61 | 1083 | 61804000 |
| CONTROL,MANUAL,3-WAY | | AIR | * | 40.3954 | | .057 | 61 | 1084 | 61806000 |
| CONTROL,MANUAL,4-WAY,2-STAKY | | AIR | 11.6504 | 20.4506 | | .515 | 61 | 1084 | 61808000 |
| CONTROL,MANUAL,4-WAY,4-STAKY | | AIR | 14.9122 | 18.7559 | | 2.28 | 61 | 1083 | 61810000 |
| CONTROL,MANUAL,4-WAY,SPOOL | | AIR | 7.36196 | 12.9228 | | .815 | 61 | 1083 | 61812000 |
| CONTROL,NORMAL | TIP-PROTECTION-GEAR | AIR | 12.568 | 27.9882 | 62 | .2387 | 63 | 1111 | 61814000 |
| CONTROL,POPPIT | PNEUMATIC-ACTUATED,FUEL-LEVEL | GRD | * | 767.336 | 9 | .00030 | 66 | 1245 | 61814000 |
| CONTROL,POWER | PNEUMATIC-SYSTEM | AIR | 60.2527 | 62.016 | | .24843 | 63 | 1123 | 61818000A |
| CONTROL,PRESSURE | REACTION,AN/AMT-6 | AIR | * | 110.224 | 100 | .02089 | 63 | 1198 | 61820000 |
| CONTROL,PRESSURE-DIFFERENTIAL | FLIGHT | AIR | 503.22 | 658.438 | | .04968 | 63 | 1123 | 61822000 |
| CONTROL,SOLENOID | | AIR | 32 | | | | 65 | 219 | 61824000 |
| CONTROL,SOLENOID | | AIR | 110 | | | | 65 | 219 | 61826000 |
| CONTROL,SOLENOID | | AIR | 118 | | | | 65 | 219 | 61828000 |
| CONTROL,SOLENOID | | AIR | 141 | | | | 65 | 219 | 61830000 |
| CONTROL,SOLENOID | | AIR | 189 | | | | 65 | 219 | 61832000 |
| CONTROL,SOLENOID | FLIGHT-INSTRUMENTATION-SYSTEM | AIR | 2.1 | 777.94 | 16 | .005 | 59 | 1110 | 61834000 |
| CONTROL,TEMPERATURE | CABIN,AIR-CONDITION | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 61836000A |
| CONTROL,TEMPERATURE | CANOPY-DEFOG | AIR | 17.5024 | 46.5765 | 473 | .11427 | 65 | 1228 | 61838000 |
| CONTROL,TEMPERATURE | CANOPY-DEFOG | AIR | 38.6182 | 52.2217 | 597 | .51789 | 67 | 1272 | 61840000 |
| CONTROL,TEMPERATURE | CANOPY-DEFOG | AIR | 91.2636 | 140.239 | 406 | .08766 | 64 | 1179 | 61842000 |
| CONTROL,TEMPERATURE | CABIN,AIR-CONDITIONED | AIR | 161.585 | 238.084 | 96 | .04944 | 65 | 1227 | 61844000 |
| CONTROL,TEMPERATURE | AIR-CONDITIONED-SYSTEM | AIR | 454.545 | 645.224 | 128 | .033 | 66 | 1225 | 61846000 |
| CONTROL,TEMPERATURE,DUAL-BUTTERFLY | AIR-CONDITIONED-FLIGHT | AIR | 200 | 445.386 | 68 | .015 | 63 | 1114 | 61848000 |
| CONTROL,TEMPERATURE,DUAL-BUTTERFLY | AIR-CONDITIONED-FLIGHT | AIR | 260.026 | 328.216 | 50 | .12691 | 65 | 1198 | 61850000 |
| CONTROL,TEMPERATURE,DUAL-BUTTERFLY | AIR-CONDITIONED-FLIGHT | AIR | 261.363 | 346.06 | 102 | .088 | 63 | 1114 | 61852000 |
| CONTROL,TEMPERATURE,DUAL-BUTTERFLY | AIR-CONDITIONED-CARGO | AIR | 266.666 | 532.903 | 68 | .015 | 63 | 1114 | 61854000 |
| CONTROL,TEMPERATURE,DUAL-BUTTERFLY | AIR-CONDITIONED-FLIGHT | AIR | 352.324 | 433.874 | 100 | .11637 | 65 | 1198 | 61856000 |
| CONTROL,TEMPERATURE,DUAL-BUTTERFLY | AIR-CONDITIONED-CARGO | AIR | 446.85 | 537.21 | 100 | .11637 | 65 | 1198 | 61858000 |
| CONTROL,TEMPERATURE,DUAL-BUTTERFLY | AIR-CONDITIONED-FLIGHT | AIR | 636.942 | 763.063 | 50 | .08478 | 63 | 1198 | 61860000 |
| CONTROL,TEMPERATURE,DUAL-BUTTERFLY | AIR-CONDITIONED-FLIGHT | AIR | 653.333 | 789.986 | 50 | .075 | 63 | 1114 | 61862000 |
| CONTROL,TEMPERATURE,DUAL-BUTTERFLY | AIR-CONDITIONED-CARGO | AIR | 863.636 | 1004.97 | 102 | .088 | 63 | 1114 | 61864000 |
| CONTROL,TEMPERATURE,DUAL-BUTTERFLY | LANDING-GEAR,707,3318 | AIR | 937.672 | 1057.72 | 50 | .12691 | 65 | 1198 | 61866000 |

PART CLASS 925 VALVES

| PART DESCRIPTION .00 N.E.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF APPT | DATA SOURCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| CONTROL.TEMPERATURE. DUAL-BUTTERFLY | AIR-CONDITIONED-CARGO | AIR | 1546.64 | 1747.44 | 50 | .075 | 65 | 1114 | 61868000 |
| CONTROL.TEMPERATURE. DUAL-BUTTERFLY | LANDING-GEAR..707.181 | AIR | 1580.56 | 1770.32 | 50 | .08478 | 63 | 1198 | 61870000 |
| CONTROL.TEMPERATURE.OIL | ENGINE | AIR | * | 24.1104 | 248 | .0055 | 65 | 1111 | 61872000 |
| CONTROL.VARIABLE-INLET | | AIR | 1000 | 1195.98 | 320 | .095 | 61 | 1000 | 61874000A |
| CONTROL.WATER-SOLENOID | | | .181554 | .483143 | | 11.914 | 65 | 2259 | 61876000 |
| CONTROL.3-WAY.2-POSITION. ELECTRO-PNEUMATIC-ACTUATED | | GRD | 295.897C | 455.818C | 173 | .0538C | 66 | 1245 | 61878000A |
| CONTROL-AIR-MODULATING-SINGLE-UNIT | AIR-CONDITIONING-SYSTEM | AIR GRD | 312.65 | 455.939 | | .04158 | 62 | 2320 | 61880000 |
| CONTROL-AIR-SHUT-OFF-HIGH-PRESS..25-INCH | AIR-CONDITIONING-SYSTEM | AIR GRD | 42.0875 | 163.707 | | .02376 | 62 | 2320 | 61882000 |
| CONTROL-AND-VENT | | | | | | | | | |
| CONTROL-COMPRESSOR-BLEED | ENGINE.707-331 | AIR | 35.0262 | 47.3644 | | .571 | 63 | 2121 | 61884000 |
| CONTROL-COMPRESSOR-BLEED | ENGINE.707-131 | AIR | 40P | | | | 66 | 2361 | 61886000 |
| CONTROL-COMPRESSOR-BLEED | ENGINE.707-1318 | AIR | 120P | | | | 66 | 2361 | 61888000 |
| CONTROL-COMPRESSOR-BLEED | ENGINE.707-1318 | AIR | 130P | | | | 65 | 2361 | 61890000 |
| CONTROL-FLOW-REGULATOR | OXYGEN.880 | AIR | 370P | | | | 66 | 2361 | 61892000 |
| CONTROL-FLOW-REGULATOR | OXYGEN.880 | AIR | 80P | | | | 66 | 2363 | 61894000 |
| CONTROL-FLOW-REGULATOR | OXYGEN.880 | AIR | 80P | | | | 66 | 2363 | 61896000 |
| CONTROL-PNEUMATIC-BRAKE | LANDING-GEAR.707-331 | AIR | 160P | | | | 65 | 2360 | 61898000 |
| CONTROL.MODULATING. TWO-STAGE | ANTI-SKID | AIR | 340P | | | | 66 | 2362 | 61900000 |
| CONVERTER.IDLE-THRUST | | AIR | 14.5687 | 27.0241 | | .3432 | 66 | 1241 | 61902000 |
| CONVERTER.OXYGEN | | AIR | * | 65.7885 | 320 | .035 | 61 | 1080 | 61904000 |
| COOL-AIR-ASPIRATOR-SHUTOFF | ENGINE.880 | AIR | 914.893 | 1120.97 | 260 | .047 | 61 | 1080 | 61906000 |
| COOL-AIR-ASPIRATOR-SHUTOFF | ENGINE.880 | AIR | 80P | | | | 66 | 2363 | 61908000 |
| COOL-AIR-ASPIRATOR-SHUTOFF | ENGINE.880 | AIR | 60P | | | | 66 | 2365 | 61910000 |
| COOL-AIR-ASPIRATOR-SO | ENGINE.880 | AIR | 480P | | | | 65 | 2365 | 61912000 |
| COOL-AIR-ASPIRATOR-SO | ENGINE.880 | AIR | 70P | | | | 66 | 2360 | 61914000 |
| COOL-AIR-ASPIRATOR-SO | ENGINE.880 | AIR | 150P | | | | 66 | 2360 | 61916000 |
| COOL-AIR-ASPIRATOR-SO | ENGINE.880 | AIR | 170P | | | | 66 | 2363 | 61918000 |
| COOL-AIR-ASPIRATOR-SO | ENGINE.880 | AIR | 270P | | | | 65 | 2363 | 61920000 |
| COOLER-VENT | | AIR | 400P | | | | 65 | 2360 | 61922000 |
| COOLING.4-INCH | | GRD | 3921.56C | 10435.8C | | .00051C | 66 | 2351 | 61924000 |
| CO2-ENG-SEL-SOLENOID | FIRE-PROTECTION.707-131 | GRD | * | 3337.1C | | .00069C | 66 | 2351 | 61926000 |
| CO2-ENG-SEL-SOLENOID | FIRE-PROTECTION.707-331 | AIR | 70P | | | | 65 | 2364 | 61928000 |
| DIRECTIONAL-CONTROL | (STORAGE) | AIR | 80P | | | | 66 | 2364 | 61930000 |
| DIRECTIONAL-FLOW | FIRE-EXTINGUISHER-SYSTEM | | 22.831 | 27.7804 | | 2.0148 | 63 | 2LI | 61932000 |
| DIRECTIONAL-FLOW | FIRE-EXTINGUISHING-SYSTEM | AIR | * | 23.2868 | 192 | .09888 | 65 | 1227 | 61934000 |
| DISC-SHUTTLE.MAIN-GEAR-BRAKE | LANDING-GEAR.727 | AIR | * | 13.9975 | 304 | .1845 | 66 | 1238 | 61936000 |
| DISC-SHUTTLE.MAIN-GEAR-BRAKE | LANDING-GEAR.727 | AIR | 50P | | | | 66 | 2365 | 61938000 |
| | | | | | | | 66 | 2365 | 61940000 |

SECTION I FAILURE RATE DATA

PART CLASS 625 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | 65 | 2365 | 61942000 |
| DISC-SHUTTLE,MAIN-GEAR-BRAKE | LANDING-GEAR,727 | AIR | 150P | | | | 66 | 2360 | 61944000 |
| DISC-SHUTTLE-MAIN-GEAR-BRAKE | LANDING-GEAR,727 | AIR | 50P | | | | 66 | 2363 | 61946000 |
| DISC-SHUTTLE-MAIN-GEAR-BRAKE | LANDING-GEAR,880 | AIR | 60P | | | | 66 | 1225 | 61948000 |
| DISCONNECT | ENGINE-FUEL-SYSTEM | AIR | 119.84 | 189.161 | 288 | .0751 | 63 | 2115 | 61950000 |
| DIVE,BRAKE-SEE | | AIR | 565.055 | 608.893 | | .538 | 65 | 1198 | 61952000 |
| DIVERTER | FEET-CHEST-DIR,AIR-CONDITION,FLIGHT-DECK | AIR | 17.1865 | 34.3454 | 200 | .23274 | 63 | 1114 | 61954000 |
| DIVERTER | FEET-CHEST-DIR,AIR-CONDITION,FLIGHT-DECK | AIR | 26.8456 | 53.6475 | 100 | .149 | 63 | 1114 | 61956000 |
| DIVERTER | FEET-CHEST-DIR,AIR-CONDITION,FLIGHT-DECK | AIR | 32.258 | 125.474 | 136 | .031 | 63 | 1114 | 61958000 |
| DIVERTER | FEET-CHEST-DIR,AIR-CONDITION,FLIGHT-DECK | AIR | 34.0909 | 59.8414 | 204 | .176 | 63 | 1198 | 61960000 |
| DIVERTER | FEET-CHEST-DIR,AIR-CONDITION,FLIGHT-DECK | AIR | 35.3857 | 62.1142 | 100 | .16956 | 65 | 1198 | 61962000 |
| DIVERTER | FEET-CHEST-DIR,AIR-CONDITION,FLIGHT-DECK | AIR | 39.3979 | 60.6991 | 100 | .23382 | 63 | 1114 | 61964000 |
| DIVERTER | FLOOR-HEAT,AIR-CONDITION,CARGO-COMPARTMENT | AIR | 66.6666 | 259.313 | 68 | .015 | 65 | 1198 | 61966000 |
| DIVERTER | FLOOR-HEAT,AIR-CONDITION,CARGO-COMPARTMENT | AIR | 68.7462 | 111.667 | 50 | .11637 | 63 | 1114 | 61968000 |
| DIVERTER | FLOOR-HEAT,AIR-CONDITION,CARGO-COMPARTMENT | AIR | 79.5454 | 133.76 | 102 | .086 | 65 | 1198 | 61970000 |
| DIVERTER | FLOOR-HEAT,AIR-CONDITION,CARGO-COMPARTMENT | AIR | 94.5551 | 140.111 | 50 | .12691 | 66 | 1250 | 61972000A |
| DIVERTER | AIR-CONDITION-SYSTEM | AIR | 97.2526 | 154.348 | 76 | .04113 | 65 | 1227 | 61974000 |
| DIVERTER | AIR-CONDITION-SYSTEM | AIR | 161.812 | 323.363 | 48 | .02472 | 64 | 1179 | 61976000 |
| DIVERTER | AIR-STARTER,TURBOJET,J-85 | AIR | 747.205 | 838.019 | 812 | .17532 | 65 | 1228 | 61978000 |
| DIVERTER | AIR-STARTER,TURBOJET,J-85 | AIR | 748.227 | 827.019 | 946 | .22854 | 65 | 1198 | 61980000 |
| DIVERTER,FLOW | AIR-CONDITION,FLIGHT-DECK | AIR | 17.1865 | 45.736 | 50 | .11637 | 63 | 1114 | 61982000 |
| DIVERTER,FLOW | AIR-CONDITION,FLIGHT-DECK | AIR | 34.0909 | 79.9181 | 102 | .088 | 65 | 1198 | 61984000 |
| DIVERTER,FLOW | AIR-CONDITION,FLIGHT-DECK | AIR | 47.2775 | 82.9887 | 50 | .12691 | 63 | 1114 | 61986000 |
| DIVERTER,FLOW | AIR-CONDITION,FLIGHT-DECK | AIR | 66.6666 | 259.313 | 68 | .015 | 63 | 1198 | 61988000 |
| DIVERTER,FLOW | AIR-CONDITION,FLIGHT-DECK | AIR | 94.3618 | 153.275 | 50 | .08478 | 63 | 1114 | 61990000 |
| DIVERTER,FLOW | AIR-CONDITION,FLIGHT-DECK | AIR | 106.666 | 173.262 | 50 | .075 | 61 | 1080 | 61992000A |
| DIVERTER,MANUAL | COCKPIT | AIR | 90.909 | 353.609 | 120 | .011 | 61 | 1080 | 61994000A |
| DIVERTER,MANUAL | | AIR | 109.375 | 183.92 | 380 | .064 | 65 | 1227 | 61996000 |
| DRAIN | MAIN-REPELLANT-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 61998000 |
| DRAIN | SUCTION-LINE,NO-1-HYDRAULIC-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1198 | 62000000 |
| DRAIN | SINGLE-POINT-REFUELING | AIR | * | 15.7868 | 100 | .11637 | 63 | 1123 | 62002000A |
| DRAIN | MANIFOLD,AFTERBURNER-FUEL | AIR | * | 46.3393 | | .04969 | 65 | 1227 | 62004000 |
| DRAIN | RESERVOIR,NO-3-HYDRAULIC-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | | | |

PART CLASS 925 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.E.C. | | | | | | | | | |
| DRAIN | RESERVOIR.NO-2-HYDRAULIC-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 62006000 |
| DRAIN | BURNER.COMBUSTION/AFT.BASIC-ENGINE | AIR | * | 2.47333 | 800 | .93097 | 65 | 1198 | 62008000 |
| DRAIN | BURNER.COMBUSTION/AFT.BASIC-ENGINE | AIR | * | 2.2679 | 400 | 1.0153 | 65 | 1198 | 62010000 |
| DRAIN | FIRE-EXTINGUISHING-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 62012000 |
| DRAIN | FLOAT.VENT-SYSTEM.WING.FUEL | AIR | * | 32.1902 | 184 | .07162 | 63 | 1111 | 62014000 |
| DRAIN | SUCTION-LINE.NO-2-HYDRAULIC-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 62016000 |
| DRAIN | JETTISON.FUEL-SYSTEM | AIR | * | 9.07178 | 100 | .25382 | 65 | 1198 | 62018000 |
| DRAIN | OIL-TANK.ENGINE | AIR | * | 4.94472 | 400 | .46549 | 65 | 1198 | 62020000 |
| DRAIN | RESERVOIR.NO-1-HYDRAULIC-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 62022000 |
| DRAIN | COMBUSTION-SECTION.FUEL-SYSTEM | AIR | * | 23.2868 | 192 | .09888 | 65 | 1227 | 62024000 |
| DRAIN | RESERVOIR.EMERGENCY-EXTENSION.NOSE LANDING-GEAR | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 62026000 |
| DRAIN | ACCESSORY-SECT.OIL-SYSTEM. AUXILIARY-POWER-UNIT | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 62028000 |
| DRAIN | TANK.ENGINE-OIL-SYSTEM | AIR | * | 23.2868 | 192 | .09888 | 65 | 1227 | 62030000 |
| DRAIN | WATER-BLEED-AIR-SYSTEM | AIR | * | 15.5245 | 288 | .14832 | 63 | 1227 | 62032000 |
| DRAIN | OVERBOARD.AFTERBURNER-IGNITER | AIR | * | 65.7885 | 320 | .035 | 61 | 1080 | 62034000 |
| DRAIN | SUCTION-LINE.NO-2-HYDRAULIC-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 62036000A |
| DRAIN | RESERVOIR.EMERGENCY-EXTENSION. NOSE-LANDING-GEAR | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 62038000A |
| DRAIN | ACCESSORY-SECT.OIL-SYSTEM. AUXILIARY-POWER-UNIT | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 62040000 |
| DRAIN | TANK.ENGINE-OIL-SYSTEM | AIR | * | 13.9975 | 304 | .1645 | 66 | 1250 | 62042000A |
| DRAIN | RAIN-REPELLANT-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 62044000 |
| DRAIN | FIRE-EXTINGUISHING-SYSTEM | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 62046000 |
| DRAIN | RESERVOIR.NO-3-HYDRAULIC-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 62048000A |
| DRAIN | SUCTION-LINE.NO-1-HYDRAULIC-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 62050000A |
| DRAIN | COMBUSTION-SECTION.FUEL-SYSTEM | AIR | * | 13.9975 | 304 | .1645 | 66 | 1250 | 62052000A |
| DRAIN | FUEL-SYSTEM.AUXILIARY-POWER-UNIT | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 62054000 |
| DRAIN | RESERVOIR.NO-2-HYDRAULIC-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 62056000A |
| DRAIN | RESERVOIR.NO-1-HYDRAULIC-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 62058000A |
| DRAIN | OIL-SYSTEM.TURBOJET.J-85 | AIR | .965531 | 3.75562 | 1194 | 1.0357 | 67 | 1272 | 62060000 |
| DRAIN | BURNER.COMBUSTION/AFT.BASIC-ENGINE | AIR | 1.47442 | 5.73507 | 400 | .67823 | 63 | 1198 | 62062000 |
| DRAIN | BURNER.COMBUSTION/AFT.BASIC-ENGINE | AIR | 1.66944 | | 400 | .599 | 63 | 1114 | 62064000 |
| DRAIN | HYDRAULIC-POWER-SUPPLY | AIR | 2.45515 | 6.53363 | 700 | .8146 | 65 | 1198 | 62066000 |
| DRAIN | MANIFOLD.FUEL-SYSTEM | AIR | 2.50689 | 4.65013 | 1736 | 1.9945 | 65 | 1201 | 62068000 |
| DRAIN | WING | AIR | 3.62318 | 14.0931 | | .276 | 59 | 1070 | 62070000 |
| DRAIN | MANIFOLD.FUEL-SYSTEM | AIR | 3.894 | 10.3625 | 528 | .51361 | 65 | 1201 | 62072000 |
| DRAIN | CABIN-AIR-CONDITIONING | AIR | 4.3756 | 17.0197 | 946 | .22854 | 65 | 1228 | 62074000 |
| DRAIN | HYDRAULIC-POWER-SUPPLY | AIR | 4.92465 | 9.13493 | 400 | 1.0153 | 65 | 1198 | 62076000 |
| DRAIN | MANIFOLD.FUEL-SYSTEM | AIR | 5.46119 | 14.533 | 244 | .36622 | 65 | 1201 | 62078000 |
| DRAIN | OIL-TANK.ENGINE | AIR | 5.66572 | 15.0773 | 408 | .353 | 63 | 1114 | 62080000 |
| DRAIN | HYDRAULIC-POWER-SUPPLY | AIR | 5.66572 | 11.3223 | 816 | .706 | 63 | 1114 | 62082000 |
| DRAIN | JETTISON.FUEL-SYSTEM | AIR | 5.68181 | 22.1005 | 204 | .176 | 63 | 1114 | 62084000 |
| DRAIN | CABIN-AIR-CONDITIONING | AIR | 5.70385 | 22.1862 | 812 | .17532 | 64 | 1179 | 62086000 |

PART CLASS VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O... | | | | | | | | | |
| DRAIN | DOOR,HYDRAULIC,FORWARD-CARGO | AIR | 7.8796 | 30.6492 | 50 | .12691 | 65 | 1198 | 62088000 |
| DRAIN | OIL-TANK,ENGINE | AIR | 7.87975 | 15.7468 | 200 | .50763 | 65 | 1198 | 62090000 |
| DRAIN | COCKPIT,FUSELAGE,CENTER-SECTION | AIR | 8.7512 | 23.2882 | 946 | .22854 | 65 | 1228 | 62092000 |
| DRAIN | SINGLE-POINT-REFUELING | AIR | 10.0166 | 17.5828 | 400 | .599 | 63 | 1114 | 62094000 |
| DRAIN | SINGLE-POINT-REFUELING | AIR | 10.3209 | 17.3553 | 400 | .67823 | 63 | 1198 | 62096000 |
| DRAIN | ENGINE | AIR | 10.4712 | 40.7298 | 248 | .0955 | 63 | 1111 | 62098000 |
| DRAIN | MANIFOLD,FUEL-SYSTEM | AIR | 10.5501 | 21.0833 | 400 | .37916 | 65 | 1201 | 62100000 |
| DRAIN | DOOR,HYDRAULIC,FORWARD-CARGO | AIR | 11.3636 | 44.2011 | 102 | .088 | 63 | 1114 | 62102000 |
| DRAIN | SINGLE-POINT-REFUELING | AIR | 11.3636 | 44.2011 | 102 | .088 | 63 | 1114 | 62104000 |
| DRAIN | COCKPIT,FUSELAGE,CENTER-SECTION | AIR | 11.5863 | 17.1686 | 1194 | 1.0357 | 67 | 1272 | 62106000 |
| DRAIN | JETTISON,FUEL-SYSTEM | AIR | 11.8194 | 26.321 | 100 | .25382 | 65 | 1198 | 62108000 |
| DRAIN | OIL-SYSTEM,TURBOJET,J-85 | AIR | 13.1268 | 29.2325 | 946 | .22854 | 65 | 1228 | 62110000 |
| DRAIN | AIR-CONDITIONING-SYSTEM | AIR | 13.5174 | 19.4341 | 1194 | 1.0357 | 67 | 1272 | 62112000 |
| DRAIN | MANIFOLD,FUEL-SYSTEM | AIR | 15.0382 | 25.2876 | 400 | .46548 | 65 | 1198 | 62114000 |
| DRAIN | SINGLE-POINT-REFUELING | AIR | 15.7591 | 41.9375 | 50 | .12691 | 65 | 1198 | 62116000 |
| DRAIN | OIL-TANK,ENGINE | AIR | 17.6928 | 31.0571 | 200 | .33912 | 63 | 1198 | 62118000 |
| DRAIN | | AIR SHP GRD | 20 | | | | 58 | 2L2 | 62120000 |
| DRAIN | OIL-TANK,ENGINE | AIR | 20.0668 | 35.2244 | 200 | .299 | 63 | 1114 | 62122000 |
| DRAIN | WATER-INJECTION-SYSTEM | AIR | 26.9424 | 55.7308 | 248 | .0955 | 63 | 1111 | 62124000 |
| DRAIN | HYDRAULIC-POWER-SUPPLY | AIR | 26.5392 | 41.8907 | 200 | .33912 | 63 | 1196 | 62126000 |
| DRAIN | OIL-SYSTEM,TURBOJET,J-85 | AIR | 29.4521 | 65.588 | 812 | .10186 | 64 | 1179 | 62128000 |
| DRAIN | HYDRAULIC-POWER-SUPPLY | AIR | 30.1003 | 47.5117 | 200 | .299 | 63 | 1114 | 62130000 |
| DRAIN | MANIFOLD,FUEL-SYSTEM | AIR | 32.258 | 85.8435 | 272 | .062 | 63 | 1114 | 62132000 |
| DRAIN | ADAPTER,PRESSURE-REFUELING-SYSTEM | AIR | 34.2231 | 76.2126 | 406 | .08766 | 64 | 1179 | 62134000 |
| DRAIN | HYDRAULIC-POWER-SUPPLY | AIR | 39.3804 | 62.1597 | 946 | .22854 | 65 | 1228 | 62136000 |
| DRAIN | COCKPIT,FUSELAGE,CENTER-SECTION | AIR | 39.9269 | 67.1395 | 812 | .17532 | 64 | 1179 | 62138000 |
| DRAIN | ADAPTER,PRESSURE-REFUELING-SYSTEM | AIR | 54.0655 | 69.6672 | 597 | .51789 | 67 | 1272 | 62140000 |
| DRAIN | OXYGEN-SYSTEM | AIR | 57.0385 | 105.803 | 406 | .08766 | 64 | 1179 | 62142000 |
| DRAIN | HYDRAULIC-POWER-SUPPLY | AIR | 57.0385 | 87.8773 | 812 | .17532 | 64 | 1179 | 62144000 |
| DRAIN | ADAPTER,PRESSURE-REFUELING-SYSTEM | AIR | 61.2584 | 103.009 | 473 | .11427 | 65 | 1228 | 62146000 |
| DRAIN | OXYGEN-SYSTEM | AIR | 61.2584 | 103.009 | 473 | .11427 | 65 | 1228 | 62148000 |
| DRAIN | OIL-SYSTEM,GAS-TURBINE-COMPRESSOR, AUXILIARY-POWER-PLANT | AIR | 64.4496 | 91.4857 | 200 | .23274 | 63 | 1198 | 62150000 |
| DRAIN | OIL-SYSTEM,GAS-TURBINE-COMPRESSOR, AUXILIARY-POWER-PLANT | AIR | 64.5161 | 171.687 | 136 | .031 | 63 | 1114 | 62152000 |
| DRAIN | MANIFOLD,FUEL-SYSTEM | AIR | 66.9779 | 84.2415 | 200 | .50763 | 65 | 1195 | 62154000 |
| DRAIN | COOLER | AIR | 71.4285 | 132.495 | 640 | .07 | 61 | 1080 | 62156000A |
| DRAIN | MANIFOLD,FUEL-SYSTEM | AIR | 76.4872 | 99.0347 | 406 | .353 | 63 | 1114 | 62158000 |
| DRAIN | FLIGHT-STATION-OXYGEN-SYSTEM | AIR | 80.9061 | 215.303 | 48 | .02472 | 65 | 1227 | 62160000 |
| DRAIN | MANIFOLD,FUEL-SYSTEM | AIR | 93.6454 | 120.668 | 200 | .299 | 63 | 1114 | 62162000 |
| DRAIN | CARGO-COMPARTMENT-OXYGEN-SYSTEM | AIR | 94.3905 | 158.723 | 144 | .07416 | 65 | 1227 | 62164000 |
| DRAIN | OIL-SYSTEM,GAS-TURBINE-COMPRESSOR, AUXILIARY-POWER-PLANT | AIR | 107.954 | 147.173 | 204 | .176 | 63 | 1114 | 62166000 |
| DRAIN | HYDRAULIC-POWER-SUPPLY | AIR | 111.036 | 125.518 | 1194 | 1.0357 | 67 | 1272 | 62166000 |
| DRAIN | MANIFOLD,FUEL-SYSTEM | AIR | 117.952 | 145.642 | 200 | .33912 | 63 | 1198 | 62170000 |

PART CLASS VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF REPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .XX N.O.C. | | | | | | | | | |
| DRAIN | OIL-SYSTEM.GAS-TURBINE-COMPRESSOR. AUXILIARY-POWER-PLANT | AIR | 118.153 | 150.953 | 100 | .25382 | 65 | 1198 | 62172000 |
| DRAIN | OIL-SYSTEM.GAS-TURBINE-COMPRESSOR. AUXILIARY-POWER-PLANT | AIR | 120 | 189.483 | 50 | .075 | 63 | 1114 | 62174000 |
| DRAIN | CARGO COMPARTMENT-OXYGEN-SYSTEM | AIR | 121.555 | 172.547 | 228 | .1234 | 65 | 1252 | 62176000 |
| DRAIN | FLIGHT-STATION-OXYGEN-SYSTEM | AIR | 145.878 | 256.068 | 76 | .04113 | 66 | 1250 | 62178000 |
| DRAIN | FCSR.HYDRAULIC.FORWARD-CARGO | AIR | 151.133 | 336.564 | 100 | .01985 | 65 | 1198 | 62180000 |
| DRAIN | OXYGEN SYSTEM | AIR | 156.403 | 191.115 | 597 | .51789 | 67 | 1272 | 62182000 |
| DRAIN | FUEL SYSTEM | AIR | 162.209 | 17 .453 | 1194 | 1.0357 | 67 | 1272 | 62184000 |
| DRAIN | OIL-SYSTEM.GAS-TURBINE-COMPRESSOR. AUXILIARY-POWER-PLANT | AIR | 206.516 | 2 6.439 | 50 | .08478 | 63 | 1198 | 62186000 |
| DRAIN | SUMP.FUEL-TANK | AIR | 257.142 | 532.948 | 960 | .105 | 61 | 1080 | 62188000A |
| DRAIN | REFUEL-ADAPTER | AIR | 569.09 | 655.979 | 320 | .055 | 61 | 1080 | 62190000 |
| DRAIN PRESSURE | | AIR | 14.2857 | 55.5671 | 540 | .07 | 61 | 1080 | 62192000A |
| DRAIN.CONDENSATE | FUEL SYSTEM | AIR | 4.04858 | 15.7477 | 1088 | .247 | 63 | 1114 | 62194000 |
| DRAIN.CONDENSATE | TANK.FUEL-SYSTEM | AIR | 17.337 | 30.4025 | 672 | .34608 | 65 | 1227 | 62196000 |
| DRAIN.CONDENSATE | FUEL-SYSTEM | AIR | 36.5218 | 42.879 | 1600 | 1.8618 | 65 | 1198 | 62198000 |
| DRAIN.CONDENSATE | FUEL-SYSTEM | AIR | 57.7973 | 69.8864 | 500 | .84779 | 63 | 1198 | 62200000 |
| DRAIN.CONDENSATE | FUEL-SYSTEM | AIR | 58.9569 | 70.8815 | 1020 | .882 | 63 | 1114 | 62202000 |
| DRAIN.CONDENSATE | FUEL-SYSTEM | AIR | 61.4152 | 74.7284 | 500 | .749 | 63 | 1114 | 62204000 |
| DRAIN.CONDENSATE | TANK.FUEL-SYSTEM | AIR | 72.9419 | 89.5944 | 1064 | .5758 | 66 | 1250 | 62206000A |
| DRAIN.CONDENSATE | FUEL-SYSTEM | AIR | 90.6153 | 102.434 | 500 | 1.2691 | 65 | 1198 | 62208000 |
| DRAIN.FUEL | GAS-TURBINE-COMPRESSOR. AUXILIARY-POWER-PLANT | AIR | * | 19.7868 | 100 | .11837 | 65 | 1198 | 62210000 |
| DRAIN.FUEL | FUEL-SYSTEM.AUXILIARY-POWER-UNIT | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 62212000 |
| DRAIN.FUEL | GAS-TURBINE-COMPRESSOR. AUXILIARY-POWER-PLANT | AIR | 15.7591 | 41.9375 | 50 | .12691 | 65 | 1198 | 62214000 |
| DRAIN.FUEL | GAS-TURBINE-COMPRESSOR. AUXILIARY-POWER-PLANT | AIR | 23.5904 | 62.7777 | 50 | .06478 | 63 | 1198 | 62216000 |
| DRAIN.FUEL | GAS-TURBINE-COMPRESSOR. AUXILIARY-POWER-PLANT | AIR | 26.6666 | 70.964 | 50 | .075 | 63 | 1114 | 62218000 |
| DRAIN.FUEL | POWER-PLANT | AIR | 27.7819 | 36.5605 | 504 | .86387 | 65 | 1155 | 62220000 |
| DRAIN.FUEL | MANIFOLD.AFTERBURNER | AIR | 36.3636 | 96.769 | 320 | .055 | 61 | 1080 | 62222000 |
| DRAIN.FUEL | | AIR | 53.9033 | 69.1421 | 424 | .538 | 64 | 1266 | 62224000A |
| DRAIN.FUEL | | AIR | 54.5555 | 67.3119 | | .864 | 63 | 2109 | 62226000 |
| DRAIN.FUEL | | AIR | 102.669 | 141.206 | 812 | .17532 | 64 | 1179 | 62228000 |
| DRAIN.FUEL | | AIR | 146.019 | 177.398 | 946 | .22854 | 65 | 1228 | 62230000 |
| DRAIN.MANUAL | SINGLE-POINT-REFUELING | AIR | 251.308 | 372.388 | 124 | .04775 | 65 | 1131 | 62232000 |
| DRAIN.MANUAL | SINGLE-POINT-REFUELING | AIR | 7.0796 | 30.6492 | 50 | .12691 | 65 | 1198 | 62234000 |
| DRAIN.MANUAL | SINGLE-POINT-REFUELING | AIR | 11.3636 | 44.2011 | 802 | .088 | 63 | 1114 | 62236000 |
| DRAIN.MANUAL | SINGLE-POINT-REFUELING-SYSTEM | AIR | 17.1865 | 45.736 | 100 | .11637 | 65 | 1198 | 62238000 |
| DRAIN.MANUAL | SINGLE-POINT-REFUELING-SYSTEM | AIR | 40.453 | 107.651 | 96 | .04944 | 65 | 1227 | 62240000 |
| DRAIN.MANUAL-OPERATOR | OIL-TANK.ENGINE | HELI | 109.409 | 172.696 | 152 | .08226 | 66 | 1250 | 62242000A |
| DRAIN.SPRING-LOADED | JETTISON.FUEL-SYSTEM | AIR | 149.532 | 189.452 | 302 | .214 | 66 | 1234 | 62244000A |
| | | AIR | 2.14832 | 8.35632 | 400 | .46548 | 65 | 1198 | 62246000 |

PART CLASS 525 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | TR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| DRAIN.SPRING-LOADED | FUEL-SYSTEM | AIR | 12.8899 | 22.6263 | 400 | .46548 | 69 | 1198 | 62248000 |
| DRAIN.SPRING-LOADED | FUEL-SYSTEM | AIR | 18.129 | 62.737 | 272 | .062 | 69 | 1214 | 62250000 |
| DRAIN.WATER | BLEED-AIR-SYSTEM | AIR | 0 | 9.32982 | 400 | .2448 | 68 | 1250 | 62252000 |
| DRAIN/FILL.FUEL.6-INCH-BUTTERFLY | | GRD | * | 38376.6 | | .00006 | 64 | 1163 | 62254000 |
| DRAIN/FILL.LOX.11-INCH-BUTTERFLY | | GRD | * | 23026 | | .0001 | 64 | 1163 | 62256000 |
| DUAL-PRCTL-MAIN-LANDING-GEAR-AS | LANDING-GEAR.727 | AIR | 90P | | | | 66 | 2360 | 62258000 |
| DUAL-PRCTL-MAIN-LANDING-GEAR-AS | LANDING-GEAR.727 | AIR | 410P | | | | 65 | 2360 | 62260000 |
| DUAL-PRCTL-MAIN-LANDING-GEAR-AS | LANDING-GEAR.727 | AIR | 110P | | | | 66 | 2363 | 62262000 |
| DUAL-PRCTL-MAIN-LANDING-GEAR-AS | LANDING-GEAR.727 | AIR | 1360P | | | | 65 | 2363 | 62264000 |
| DUMP | LANDING-GEAR.EMERGENCY | AIR | * | 27.1597 | 50 | .08478 | 63 | 1198 | 62266000 |
| DUMP | AIR-CONDITIONING-SYSTEM | AIR | * | 96.4641 | 62 | .02387 | 63 | 1111 | 62268000 |
| DUMP | | LAB | 10.8 | | | | 63 | 1138 | 62270000 |
| DUMP | SPEED-BRAKE | AIR | 94.7368 | 149.936 | 76 | .095 | 64 | 1266 | 62272000A |
| DUMP | CABIN-PRESSURIZATION | AIR | 175.712 | 201.754 | 597 | .51789 | 67 | 1272 | 62274000 |
| DUMP | EMERGENCY.LANDING-GEAR | AIR | 185.219 | 250.463 | 63 | .10798 | 64 | 1155 | 62276000 |
| DUMP | | AIR | 189.473 | 260.592 | | .095 | 63 | 2124 | 62278000 |
| DUMP | AIR-REFUELING | AIR | 200 | 777.94 | 16 | .005 | 59 | 1110 | 62280000 |
| DUMP | CABIN-PRESSURIZATION | AIR | 210.028 | 276.394 | 473 | .11427 | 65 | 1228 | 62282000 |
| DUMP | | AIR | 370.37 | 457.316 | | .108 | 63 | 2101 | 62284000 |
| DUMP | CABIN-PRESSURIZATION | AIR | 480.677 | 513.396 | 406 | .08746 | 64 | 1179 | 62286000 |
| DUMP.FUEL | | AIR | 73.2964 | 123.255 | 248 | .0955 | 63 | 1111 | 62288000 |
| DUMP.FUEL.MIL-V-Re10.950PM.18-30VDC.OPERATING-TIME 4-SECONDS | | HELI | 100 | 227.693 | 120 | .03 | 65 | 1218 | 62290000 |
| DUMP.FUEL.MOTOR-OPERATED | | AIR | 245.413 | 301.44 | | .17114 | 63 | 1123 | 62292000A |
| DUMP/DRAIN | MANIFOLD.FUEL-SYSTEM | AIR | * | 23.2868 | 192 | .09888 | 65 | 1227 | 62294000 |
| DUMP/DRAIN | MANIFOLD.FUEL-SYSTEM | AIR | * | 13.9975 | 304 | .1665 | 66 | 1250 | 62296000 |
| ENGINE-BLEED-AIR | PNEUMATIC.727 | AIR | 90P | | | | 66 | 2360 | 62298000 |
| ENGINE-BLEED-SHUT-OFF-CHECK | PNEUMATIC.880 | AIR | 990P | | | | 65 | 2363 | 62300000 |
| ENGINE-BLEED-SHUT-OFF-CHECK | PNEUMATIC.880 | AIR | 1160P | | | | 66 | 2360 | 62302000 |
| ENGINE-BLEED-SHUT-OFF-CHECK | PNEUMATIC.880 | AIR | 1300P | | | | 66 | 2363 | 62304000 |
| ENGINE-BLEED-SHUT-OFF-CHECK | PNEUMATIC.880 | AIR | 1400P | | | | 66 | 2363 | 62306000 |
| ENGINE-BLEED-SHUT-OFF-CHECK | PNEUMATIC.880 | AIR | 1590P | | | | 66 | 2360 | 62308000 |
| ENGINE-BLEED-SHUT-OFF-CHECK | PNEUMATIC.880 | AIR | 2140P | | | | 65 | 2360 | 62310000 |
| ENGINE-BLEED-SHUTOFF-CHECK | PNEUMATIC.880 | AIR | 760P | | | | 66 | 2363 | 62312000 |
| ENGINE-BLEED-SHUTOFF-CHECK | PNEUMATIC.880 | AIR | 950P | | | | 66 | 2365 | 62314000 |
| ENGINE-BLEED-SHUTOFF-CHECK | PNEUMATIC.880 | AIR | 1850P | | | | 65 | 2365 | 62316000 |
| ENGINE-INLET-ANTI-ICE | ICE-AND-RAIN-PROTECTION.880 | AIR | 40P | | | | 66 | 2360 | 62318000 |
| ENGINE-INLET-ANTI-ICE | ICE-AND-RAIN-PROTECTION.880 | AIR | 80P | | | | 66 | 2360 | 62320000 |

PART CLASS 923 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | 95 RPT | DATA SPCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.E.C. | | | | | | | | | |
| ENGINE-INLET-ANTI-ICE | ICE-AND-RAIN-PROTECTION.880 | AIR | 90P | | | | 66 | 2365 | 62322000 |
| ENGINE-INLET-ANTI-ICE | ICE-AND-RAIN-PROTECTION.880 | AIR | 110P | | | | 66 | 2363 | 62324000 |
| ENGINE-INLET-ANTI-ICE | ICE-AND-RAIN-PROTECTION.880 | AIR | 130P | | | | 66 | 2363 | 62326000 |
| ENGINE-INLET-ANTI-ICE | ICE-AND-RAIN-PROTECTION.880 | AIR | 160P | | | | 66 | 2365 | 62328000 |
| ENGINE-INLET-ANTI-ICE | ICE-AND-RAIN-PROTECTION.880 | AIR | 160P | | | | 65 | 2360 | 62330000 |
| ENGINE-INLET-ANTI-ICE | ICE-AND-RAIN-PROTECTION.880 | AIR | 230P | | | | 65 | 2363 | 62332000 |
| ENGINE-INLET-ANTI-ICE | ICE-AND-RAIN-PROTECTION.880 | AIR | 240P | | | | 65 | 2365 | 62334000 |
| ENGINE-OIL-COOLER-REGULATOR | OIL.707-331 | AIR | 90P | | | | 63 | 2362 | 62336000 |
| ENGINE-PRESS-RELIEF CABIN-OUTFLOW-MANUAL | ENGINE.707-331 | AIR | 80P | | | | 65 | 2364 | 62338000 |
| ENGINE-PRESSURE-RELIEF | ENGINE.707-331 | AIR | 60P | | | | 64 | 2361 | 62340000 |
| ENGINE-PRESSURE-RELIEF | ENGINE.707-331 | AIR | 70P | | | | 65 | 2361 | 62342000 |
| ENGINE-PRESSURE-RELIEF | ENGINE.707-331 | AIR | 80P | | | | 65 | 2362 | 62344000 |
| EQUIPMENT-COOLING | AIR-CONDITIONING.707-1318 | AIR | 130P | | | | 66 | 2364 | 62346000 |
| EQUIPMENT-COOLING | AIR-CONDITIONING.707-1318 | AIR | 150P | | | | 63 | 2362 | 62348000 |
| EQUIPMENT-COOLING | AIR-CONDITIONING.707-1318 | AIR | 160P | | | | 65 | 2362 | 62350000 |
| EQUIPMENT-COOLING | AIR-CONDITIONING.707-3318 | AIR | 190P | | | | 64 | 2364 | 62352000 |
| EQUIPMENT-COOLING | AIR-CONDITIONING.707-331 | AIR | 230P | | | | 66 | 2364 | 62354000 |
| EQUIPMENT-COOLING | AIR-CONDITIONING.707-331 | AIR | 230P | | | | 66 | 2362 | 62356000 |
| EQUIPMENT-COOLING | AIR-CONDITIONING.707-331 | AIR | 250P | | | | 66 | 2362 | 62358000 |
| EQUIPMENT-COOLING | AIR-CONDITIONING.707-1318 | AIR | 270P | | | | 66 | 2362 | 62360000 |
| EQUIPMENT-COOLING | AIR-CONDITIONING.707-1318 | AIR | 270P | | | | 66 | 2364 | 62362000 |
| EQUIPMENT-COOLING | AIR-CONDITIONING.707-1318 | AIR | 280P | | | | 65 | 2364 | 62364000 |
| EQUIPMENT-COOLING | AIR-CONDITIONING.707-3318 | AIR | 280P | | | | 66 | 2362 | 62366000 |
| EQUIPMENT-COOLING | AIR-CONDITIONING.707-331 | AIR | 300P | | | | 65 | 2362 | 62368000 |
| EQUIPMENT-COOLING | AIR-CONDITIONING.707-331 | AIR | 310P | | | | 66 | 2364 | 62370000 |
| EQUIPMENT-COOLING | AIR-CONDITIONING.707-331 | AIR | 340P | | | | 65 | 2362 | 62372000 |
| EQUIPMENT-COOLING | AIR-CONDITIONING.331C/373C | AIR | 500P | | | | 66 | 2360 | 62374000 |
| EQUIPMENT-COOLING | AIR-CONDITIONING.331C/373C | AIR | 510P | | | | 66 | 2365 | 62376000 |
| EQUIPMENT-COOLING | AIR-CONDITIONING.707-131 | AIR | 550P | | | | 65 | 2364 | 62378000 |
| EQUIPMENT-COOLING | AIR-CONDITIONING.331C/373C | AIR | 560P | | | | 65 | 2363 | 62380000 |
| EXHAUST.BLEED | PNEUMATIC-SYSTEM. AUXILIARY-POWER-UNIT | AIR | * | 93.1472 | 46 | .02472 | 65 | 1227 | 62382000 |
| EXHAUST.BLEED | PNEUMATIC-SYSTEM AUXILIARY-POWER-UNIT | AIR | * | 55.9834 | 76 | .04113 | 66 | 1230 | 62384000 |
| EXPANSION.THERMO | | | .0347 | | | | 62 | 2239 | 62386000 |
| EXPANSION.THERMO | | | .210986 | .270633 | | 137.45 | 63 | 2239 | 62388000 |
| EXPANSION.THERMO | | | 1.94 | | | | 61 | 2239 | 62390000 |
| EXPLOSIVE | THRUST-CHAMBER | SIM MSL | * | 230260 | | .0001C | 62 | 1089 | 62392000 |
| FAUCET.LAVATORY-SINK | EQUIPMENT/FURNISHINGS.707-331 | AIR | 60P | | | | 66 | 2362 | 62394000 |
| FAUCETS.LAVATORY-SINK | EQUIPMENT/FURNISHINGS.707-331 | AIR | 70P | | | | 66 | 2362 | 62396000 |
| FAUCETS.LAVATORY-SINK | EQUIPMENT/FURNISHINGS.707-131 | AIR | 90P | | | | 66 | 2364 | 62398000 |
| FAUCETS.LAVATORY-SINK | EQUIPMENT/FURNISHINGS.707-131 | AIR | 50P | | | | 65 | 2361 | 62400000 |
| FAUCETS.LAVATORY-SINK | EQUIPMENT/FURNISHINGS.707-331 | AIR | 60P | | | | 66 | 2361 | 62402000 |
| FAUCETS.LAVATORY-SINK | EQUIPMENT/FURNISHINGS.707-331 | AIR | 60P | | | | 66 | 2364 | 62404000 |

SECTION I FAILURE RATE DATA

PART CLASS 92% VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| FAUCETS,WATER | GALLEY | AIR | * | 27.1597 | 50 | .08478 | 63 | 1198 | 62406700 |
| FAUCETS,WATER | GALLEY | AIR | * | 19.7868 | 100 | .11837 | 65 | 1198 | 62408000 |
| FAUCETS,WATER | GALLEY | AIR | 7.8796 | 30.6492 | 50 | .12691 | 65 | 1198 | 62410000 |
| FILL-AND-DRAIN,FUEL | | GRD | 7352.940 | 13639.20 | | .000680 | 66 | 2MS1 | 62412000 |
| FILL-AND-DRAIN,LOX | | GRD | 2928571 | 3606420 | | .000140 | 66 | 2MS1 | 62414000 |
| FILL-AND-VENT | | GRD | 7031.250 | 11098.40 | | .000280 | 66 | 2MS1 | 62416000 |
| FILL-AND-VENT | | GRD | 24137.90 | 40589.30 | | .000296 | 66 | 2MS1 | 62418000 |
| FILLER | TANK,CONSTANT-SPEED-DRIVE-OIL-SYSTEM | AIR | * | 23.2868 | 192 | .09888 | 65 | 1227 | 62420000 |
| FILLER | TANK,ENGINE-OIL-SYSTEM | AIR | * | 4.94672 | 400 | .46548 | 65 | 1198 | 62422000 |
| FILLER | TANK,CONSTANT-SPEED-DRIVE-OIL-SYSTEM | AIR | * | 13.4975 | 304 | .1645 | 66 | 1250 | 62424000 |
| FILLER | | AIR SHP GRD | 10 | | | | 58 | 2L2 | 62426000 |
| FILLER | | AIR SHP GRD | 10 | | | | 58 | 2L2 | 62428000 |
| FILLER | ACCUMULATOR,NO-3-HYDRAULIC-SYSTEM | AIR | 10.1132 | 39.3375 | 192 | .09888 | 65 | 1227 | 62430000 |
| FILLER | ACCUMULATOR,NO-3-HYDRAULIC-SYSTEM | AIR | 12.158 | 32.3544 | 304 | .1645 | 66 | 1250 | 62432000A |
| FILLER | DUAL-FLOAT-TANK,SINGLE-PT-REFUEL | AIR | 40.1337 | 59.47 | 200 | .299 | 63 | 1114 | 62434000 |
| FILLER | DUAL-FLOAT-TANK,SINGLE-PT-REFUEL | AIR | 58.004 | 69.4893 | 800 | .93097 | 65 | 1198 | 62436000 |
| FILLER | DUAL-FLOAT-TANK,SINGLE-PT-REFUEL | AIR | 61.7243 | 74.9432 | 300 | .76145 | 65 | 1198 | 62438000 |
| FILLER | DUAL-FLOAT-TANK,SINGLE-PT-REFUEL | AIR | 75.6143 | 93.3651 | 612 | .529 | 63 | 1114 | 62440000 |
| FILLER | ACCUMULATOR,HYDRAULIC | AIR | 85.7142 | 150.458 | 640 | .07 | 61 | 1080 | 62442000 |
| FILLER | DUAL-FLOAT-TANK,SINGLE-PT-REFUEL | AIR | 98.7096 | 133.856 | 544 | .124 | 63 | 1114 | 62444000 |
| FILLER | OXYGEN-SUPPLY | AIR | 167.55 | 294.11 | 93 | .03581 | 63 | 1111 | 62446000 |
| FILLER | OXYGEN-SYSTEM | AIR | 296.351 | 375.465 | 63 | .10798 | 65 | 1155 | 62448000 |
| FILLER | | AIR | 592.592 | 699.282 | | .106 | 63 | 2106 | 62450000 |
| FILLER,AIR | LANDING-GEAR,NOSE | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 62452000 |
| FILLER,AIR | | AIR | * | 14.1263 | | .163 | 61 | 4083 | 62454000 |
| FILLER,AIR | TIRE,NOSEWHEEL | AIR | .643666 | 2.50366 | 1191 | 1.9536 | 67 | 1272 | 62456000 |
| FILLER,AIR | TIRE,LANDING-GEAR | AIR | 2.91706 | 11.3465 | 1419 | .34281 | 63 | 1228 | 62458000 |
| FILLER,AIR | LANDING-GEAR | AIR | 3.80257 | 14.7908 | 1218 | .26298 | 64 | 1179 | 62460000 |
| FILLER,AIR | LANDING-GEAR,MAIN | AIR | 4.29664 | 11.434 | 400 | .46548 | 65 | 1198 | 62462000 |
| FILLER,AIR | LANDING-GEAR,MAIN | AIR | 17.7294 | 27.9849 | 200 | .90763 | 65 | 1198 | 62464000 |
| FILLER,AIR | HYDRAULIC-SYSTEM | AIR | 18.5219 | 49.2896 | 63 | .10798 | 65 | 1155 | 62466000 |
| FILLER,AIR | LANDING-GEAR,MAIN | AIR | 25.4957 | 40.2436 | 408 | .353 | 63 | 1114 | 62468000 |
| FILLER,AIR | LANDING-GEAR,NOSE | AIR | 25.7798 | 57.4099 | 100 | .11837 | 65 | 1198 | 62470000 |
| FILLER,AIR | ACCUMULATOR,HYDRAULIC-POWER-SUPPLY | AIR | 43.4782 | 115.702 | 264 | .046 | 63 | 1114 | 62472000 |
| FILLER,AIR | HYDRAULIC-SYSTEM | AIR | 51.3698 | 114.397 | 224 | .0584 | 66 | 1225 | 62474000 |
| FILLER,AIR | LANDING-GEAR,NOSE | AIR | 60.6666 | 259.313 | 68 | .015 | 63 | 1114 | 62476000 |
| FILLER,AIR | LANDING-GEAR,NOSE | AIR | 82.5666 | 138.84 | 50 | .08478 | 63 | 1198 | 62478000 |
| FILLER,AIR | LANDING-GEAR,MAIN | AIR | 91.419 | 114.271 | 200 | .3381 | 63 | 1198 | 62480000 |
| FILLER,AIR | LANDING-GEAR,NOSE | AIR | 93.3333 | 156.945 | 50 | .075 | 63 | 1114 | 62482000 |
| FILLER,AIR | ACCUMULATOR,HYDRAULIC-POWER-SUPPLY | AIR | 100.254 | 129.664 | 300 | .34911 | 65 | 1198 | 62484000 |
| FILLER,AIR | LANDING-GEAR,MAIN | AIR | 100.334 | 128.144 | 200 | .299 | 63 | 1114 | 62486000 |
| FILLER,AIR | | AIR | 428.971 | 752.292 | | .014 | 61 | 1082 | 62488000 |
| FILLER,HELIUM | | LAB | * | 2302.96 | 5 | .001 | 62 | 1082 | 62490000 |
| FILLER,MANUAL | | AIR | 333.333 | 541.445 | 62 | .024 | 63 | 1111 | 62492000 |
| FILLER,OXYGEN | PORTABLE-SYSTEM | AIR | * | 6.04801 | 100 | .20038 | 65 | 1198 | 62494000 |

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
SECTION I FAILURE RATE DATA

ELECTRONIC PART RELIABILITY ANALYSIS JANUARY 1968

PART CLASS 925 VALVES

| PART DESCRIPTION .00 N.E.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | | QUAL FACTOR | NO OF DATA SRCS | CROSS INDEX NUMBER |
|---|---|---|---|---|---|---|---|---|
| FILLER.OXYGEN | | | | | | | | |
| FILLER.OXYGEN | PORTABLE-SYSTEM | AIR | • | 109.647 | | .001 | 61 1832 | 62496800 |
| FILLER.OXYGEN | PORTABLE-SYSTEM | AIR | • | 7.16317 | 664 | .00136 | 65 .227 | 62490000 |
| FILLER.OXYGEN | PORTABLE-SYSTEM | AIR | 1.4782 | 7.27454 | 988 | .5367 | 66 1280 | 62500000 |
| FILLER.OXYGEN | PORTABLE-SYSTEM | AIR | 7.66249 | 20.9259 | 150 | .32484 | 63 1193 | 62502000 |
| FILLER.OXYGEN | PORTABLE-SYSTEM | AIR | 8.59328 | 17.1727 | 400 | .46548 | 65 1198 | 62504000 |
| FILLER.OXYGEN | PORTABLE-SYSTEM | AIR | 9.88888 | 23.6844 | 135 | .225 | 62 1114 | 62506000 |
| FILLER.OXYGEN | FIXED-SYSTEM | AIR | 16.129 | 62.197 | 272 | .042 | 63 1114 | 62508000 |
| FILLER.OXYGEN | FIXED-SYSTEM | AIR | 47.2775 | 82.9887 | 50 | .12691 | 65 1190 | 62510000 |
| FILLER.OXYGEN | FIXED-SYSTEM | AIR | 56.8181 | 105.394 | 100 | .008 | 63 1114 | 62512000 |
| FILLER.OXYGEN | FIXED-SYSTEM | AIR | 94.3618 | 153.275 | 50 | .04478 | 63 1198 | 62514000 |
| FILLER.OXYGEN | FIXED-SYSTEM | AIR | 104.666 | 173.262 | 50 | .075 | 63 1114 | 62516000 |
| FILLER.OXYGEN | FIXED-SYSTEM | AIR | 266.666 | 532.993 | 48 | .013 | 63 1114 | 62518000 |
| FILLER.OXYGEN.BUILD-UP-AND-VENT | | AIR | 400 | 1356.76 | 14 | .005 | 59 1178 | 62520000 |
| FILLER.SPRING-LOADED-CHECK.OXYGEN | | AIR | 610.122 | 713.089 | 100 | .11037 | 65 1198 | 62522000 |
| FLAPPER | AIR-COOLING | AIR | 2543.49 | 2843.91 | 320 | .059 | 61 1000 | 62524000A |
| FLAPPER.FABRIC-HINGE | TANK.FUEL-SYSTEM | AIR | 603.864 | 771.237 | | .04948 | 63 1123 | 62526000A |
| FLAPPER.FABRIC-HINGE | TANK.FUEL-SYSTEM | AIR | • | 192.847 | 31 | .01194 | 63 1111 | 62528000 |
| FLAPPER.METAL-HINGE | TANK.FUEL-SYSTEM | AIR | 1.10509 | 4.29848 | 1672 | .9049 | 64 1250 | 62530000 |
| FLAPPER.METAL-HINGE | TANK.FUEL-SYSTEM | AIR | 1.83877 | 7.15222 | 1056 | .54384 | 65 1227 | 62532000 |
| FLOAT | WING-TANK.REFUEL-LEVEL-CONTROL | AIR | • | 27.9917 | 152 | .08226 | 66 1250 | 62534000 |
| FLOAT.FUEL | | AIR | • | 46.5736 | 96 | .04944 | 65 1227 | 62536000 |
| FLOAT.FUEL | | AIR | 23.4852 | 34.1828 | | .4258 | 64 1241 | 62538000 |
| FLOAT.HIGH-AND-LOW-LEVEL | | AIR | 36.8098 | 54.5446 | | .326 | 61 1083 | 62540000 |
| FLOAT.PILOT | | AIR | 117.647 | 169.142 | | .119 | 61 1082 | 62542000 |
| FLOAT.SHUT-OFF | | AIR | 19.093 | 31.0196 | 3846 | .419 | 61 1080 | 62544000A |
| FLOAT.1/2-INCH | | AIR SHP GRD | 123.889 | 180.951 | 960 | .105 | 61 1080 | 62546000 |
| FLOAT-CHECK | WATER-INJECTION.707-3318 | | 500 | | | | 58 212 | 62548000 |
| FLOAT-CHECK | WATER-INJECTION.707-3318 | AIR | • | 1.91166 | | 1.2848 | 64 2239 | 62550000 |
| FLOAT-CHECK | WATER-INJECTION.707-3318 | AIR | 10P | | | | 64 2361 | 62552000 |
| FLOAT-CHECK | WATER-INJECTION.707-331 | AIR | 20P | | | | 66 2364 | 62554000 |
| FLOAT-CHECK | WATER-INJECTION.707-3318 | AIR | 20P | | | | 66 2362 | 62556000 |
| FLOAT-CHECK | WATER-INJECTION.707-331 | AIR | 30P | | | | 64 2361 | 62558000 |
| FLOAT-CHECK | WATER-INJECTION.707-331 | AIR | 30P | | | | 66 2362 | 62560000 |
| FLOW-BALANCING | WATER-INJECTION.707-331 | AIR | 40P | | | | 66 2361 | 62562000 |
| FLOW-DISTRIBUTION-CABIN | AIR-CONDITIONING-SYSTEM | AIR | 40P | | | | 66 2364 | 62564000 |
| FLOW-LIMITING | HYDRAULIC-POWER.707-3318 | AIR GND | • | .240665 | | 9.3358 | 66 2362 | 62566000 |
| FLOW-LIMITING-SEVERE | HYDRAULIC-POWER.707-131 | AIR | 2861.95 | 3974.09 | | .00504 | 64 2232 | 62568000 |
| FLUID.GLYCOL | ANTI-ICE | AIR | 100P | | | | 62 2320 | 62570000 |
| FUEL | PILOT-WING | AIR | 400P | | | | 66 2364 | 62572000 |
| FUEL | THRUST-CHAMBER | AIR | 88.7438 | 198.68 | | | 66 2364 | 62574000 |
| | | AIR GRD | • | | | | | |

PART CLASS 92° VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 60 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| FUEL | TURBOJET.J-85 | AIR | 29.4521 | 65.588 | 812 | .10186 | 64 | 1179 | 62582000 |
| FUEL | TURBOJET.J-85 | AIR | 35.0048 | 56.8596 | 946 | .22854 | 65 | 1229 | 62584000 |
| FUEL | | AIR | 70.5863 | 82.1151 | | 1.077 | 63 | 2111 | 62586000 |
| FUEL | | AIR | 110.7 | | | | 57 | 211 | 62588000 |
| FUEL | PILOT-WING.TRANSFER | AIR | 153.139 | 595.666 | 43 | .00693 | 66 | 1240 | 62590000A |
| FUEL | | AIR | 159.42 | 212.465 | | .138 | 59 | 1070 | 62592000 |
| FUEL | COMPENSATOR.QUANTITY | AIR | 272.727 | 367.174 | 320 | .055 | 61 | 1080 | 62594000 |
| FUEL.FLOW-EQUALIZER | | AIR | 454.545 | 594.749 | 320 | .055 | 61 | 1080 | 62596000 |
| FUEL.MOTOR-DRIVEN | | AIR | 65.637 | 91.1432 | | .259 | 61 | 1082 | 62598000 |
| FUEL.PRESSURE-REAT | | AIR | 76.5696 | 297.833 | 86 | .01306 | 66 | 1240 | 62600000 |
| FUEL.SCAVENGE | | AIR | 14.2857 | 55.5671 | 640 | .07 | 61 | 1080 | 62602000 |
| FUEL.SHUTOFF | | AIR | 263.157 | 317.576 | | .190 | 63 | 2120 | 62604000 |
| FUEL.SHUTOFF | | AIR | 315.789 | 403.316 | | .095 | 63 | 212. | 62606000 |
| FUEL.SHUTOFF | | AIR | 557.62 | 671.184 | | .538 | 63 | 2111 | 62608000 |
| FUEL.SHUTOFF | | AIR | 840.148 | 892.993 | | .538 | 63 | 2111 | 62610000 |
| FUEL.SHUTOFF-T-T | FUEL.7.7.1318 | AIR | 30P | | | | 65 | 2361 | 62612000 |
| FUEL.SHUTOFF-T-T | FUEL.7.7.1318 | AIR | 30P | | | | 66 | 2361 | 62614000 |
| FUEL.SHUTOFF-T-T | FUEL.7C7.131 | AIR | 60P | | | | 66 | 2361 | 62616000 |
| FUEL.SWING-CHECK | | AIR | 57.971 | 94.1644 | | .138 | 59 | 1070 | 62618000 |
| FUEL.TRANSFER | PILOT-WING.LEVEL-CONTROL | AIR | 306.278 | 815.093 | 43 | .00693 | 66 | 1240 | 62620000A |
| FUEL.T-PISTON | AFTERBURNER-PRESSURE | AIR | 153.139 | 407.526 | 86 | .01306 | 66 | 1240 | 62622000A |
| FUEL-CONTROL | | GRD | * | 13544.7C | | .000017C | 66 | 2351 | 62624000 |
| FUEL-CONTROL | | AIR | 1536.84 | 1713.01 | | .095 | 63 | 2120 | 62626000 |
| FUEL-CONTROL.SAFETY | | GRD | * | 13544.7C | | .000017C | 66 | 2351 | 62628000 |
| FUEL-CROSS-FEED | FUEL.7C7.1318 | AIR | 10P | | | | 66 | 2361 | 62630000 |
| FUEL-CROSS-FEED | FUEL.7C7.1318 | AIR | 10P | | | | 65 | 2361 | 62632000 |
| FUEL-CROSS-FEED | FUEL.7C7.3318 | AIR | 10P | | | | 66 | 2361 | 62634000 |
| FUEL-CROSS-FEED | FUEL.7C7.1318 | AIR | 10P | | | | 66 | 2361 | 62636000 |
| FUEL-CROSS-FEED | FUEL.7C7.3318 | AIR | 10P | | | | 66 | 2361 | 62638000 |
| FUEL-CROSS-FEED | FUEL.7C7-1318 | AIR | 10P | | | | 66 | 2364 | 62640000 |
| FUEL-CROSS-FEED | FUEL.7C7-1318 | AIR | 10P | | | | 65 | 2364 | 62642000 |
| FUEL-CROSS-FEED | FUEL.7C7-3318 | AIR | 20P | | | | 66 | 2364 | 62644000 |
| FUEL-CROSS-FEED | FUEL.7C7.331 | AIR | 20P | | | | 66 | 2361 | 62646000 |
| FUEL-CROSS-FEED | FUEL.7C7-1318 | AIR | 20P | | | | 66 | 2362 | 62648000 |
| FUEL-CROSS-FEED | FUEL.7C7.331 | AIR | 20P | | | | 65 | 2361 | 62650000 |
| FUEL-CROSS-FEED | FUEL.7C7.131 | AIR | 20P | | | | 66 | 2361 | 62652000 |
| FUEL-CROSS-FEED | FUEL.7C7-1318 | AIR | 20P | | | | 65 | 2362 | 62654000 |
| FUEL-CROSS-FEED | FUEL.7C7-131 | AIR | 20P | | | | 66 | 2362 | 62656000 |
| FUEL-CROSS-FEED | FUEL.7C7-1318 | AIR | 20P | | | | 66 | 2362 | 62658000 |
| FUEL-CROSS-FEED | FUEL.7C7.131 | AIR | 30P | | | | 66 | 2361 | 62660000 |
| FUEL-CROSS-FEED | FUEL.7C7-331 | AIR | 30P | | | | 66 | 2362 | 62662000 |
| FUEL-CROSS-FEED | FUEL.7C7-331 | AIR | 30P | | | | 66 | 2364 | 62664000 |
| FUEL-CROSS-FEED | FUEL.7C7.331 | AIR | 40P | | | | 66 | 2361 | 62666000 |
| FUEL-CROSS-FEED | FUEL.331C/373C | AIR | 40P | | | | 66 | 2360 | 62668000 |
| FUEL-CROSS-FEED | FUEL.331C/373C | AIR | 40P | | | | 66 | 2360 | 62670000 |

PART CLASS 625 VALVES

| PART DESCRIPTION .05 N.E.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | FOOT- NOTES | PART HOURS | YR OF DATA | DATA SOURCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| FUEL-CROSS-FEED | FUEL.707-331 | AIR | 60P | | | | 66 | 2362 | 62[illegible] |
| FUEL-CROSS-FEED | FUEL.707-331 | AIR | 40P | | | | 66 | 2364 | 62[illegible] |
| FUEL-CROSS-FEED | FUEL.707-331 | AIR | 80P | | | | [illegible] | 2364 | 62[illegible] |
| FUEL-CROSS-FEED | FUEL.707.131 | AIR | 70P | | | | 65 | 2361 | 62278000 |
| FUEL-CROSS-FEED | FUEL.707-331 | AIR | 100P | | | | 65 | 2364 | 62280000 |
| FUEL-CROSS-FEED | FUEL.707-331 | AIR | 140P | | | | 66 | 2364 | 62282000 |
| FUEL-DRAIN | | AIR | 107.604 | 126.514 | .558 | | 65 | 2111 | 62684000 |
| FUEL-DUMP | | AIR | 42.7112 | 51.9702 | 1.077 | | 63 | 2111 | 62684000 |
| FUEL-DUMP | | AIR | 378.647 | 475.453 | .695 | | 63 | 2120 | 62688000 |
| FUEL-DUMP-CH-1.5-IN-331C | FUEL.707.331A | AIR | 30P | | | | 65 | 2361 | 62690000 |
| FUEL-DUMP-CH-1.5-IN-331C | FUEL.707-331A | AIR | 70P | | | | 65 | 2364 | 62692000 |
| FUEL-DUMP-CH-2-IN-331C | FUEL.707-331B | AIR | 210P | | | | 65 | 2364 | 62694000 |
| FUEL-DUMP-CH-2-IN-331C | FUEL.331C/731C | AIR | 280P | | | | 65 | 2363 | 62696000 |
| FUEL-FILL-AND-DRAIN | PROPULSION | LAB | 0169.2eC | 13259.8C 57 | .00090C | | 61 | 2600 | 62698000 |
| FUEL-HEATER | ENGINE-FUEL-AND-CONTROL.707-331 | AIR | 60P | | | | 65 | 2361 | 62700000 |
| FUEL-HEATER | ENGINE-FUEL-AND-CONTROL.707-331 | AIR | 70P | | | | 66 | 2361 | 62702000 |
| FUEL-HEATER | ENGINE-FUEL-AND-CONTROL.707-331 | AIR | 70P | | | | 66 | 2361 | 62704000 |
| FUEL-HEATER | ENGINE-FUEL-AND-CONTROL.707-331 | AIR | 80P | | | | 66 | 2364 | 62706000 |
| FUEL-INJECTION-SHUTOFF | FUEL.707-331 | AIR | 80P | | | | 65 | 2364 | 62708000 |
| FUEL-LEVEL-CONTROL | FLIGHT-CONTROLS.707.131B | AIR | 30P | | | | 66 | 2361 | 62710000 |
| FUEL-LEVEL-CONTROL | FUEL.707-331 | AIR | 40P | | | | 66 | 2362 | 62712000 |
| FUEL-LEVEL-CONTROL | FUEL.707-331 | AIR | 90P | | | | 66 | 2364 | 62714000 |
| FUEL-OR-OIL-CONTROL. THERMAL-ACTUATION | | AIR | .08P | | | | 65 | 2590 | 62716000 |
| FUEL-OR-OIL-CONTROL. THERMAL-ACTUATION. BY-PASS-VAL.THERMOSTATIC | | AIR | .16P | | | | 65 | 2590 | 62718000 |
| FUEL-OR-OIL-SHUTOFF. ELEC-SOLENOID-ACTUATED. ENRICHMENT-SHUTOFF | | AIR | .18P | | | | 65 | 2590 | 62720000 |
| FUEL-OR-OIL-SHUTOFF. ELECTRIC-MOTOR-ACTUATION | | AIR | .1P | | | | 65 | 2590 | 62722000 |
| FUEL-OR-OIL-SHUTOFF. ELECTRIC-MOTOR-ACTUATION | | AIR | .17P | | | | 65 | 2590 | 62724000 |
| FUEL-OR-OIL-SHUTOFF. ELECTRIC-MOTOR-ACTUATION | | AIR | .97P | | | | 65 | 2590 | 62726000 |
| FUEL-OR-OIL-SHUTOFF. ELECTRIC-MOTOR-ACTUATION. CROSSFEED | | AIR | .24P | | | | 65 | 2590 | 62728000 |
| FUEL-OR-OIL-SHUTOFF. ELECTRIC-MOTOR-ACTUATION. CROSSFEED-PRIMER | | AIR | .08P | | | | 65 | 2590 | 62730000 |
| FUEL-OR-OIL-SHUTOFF. ELECTRIC-MOTOR-ACTUATION. CROSSFEED-PRIMER | | AIR | .31P | | | | 65 | 2590 | 62732000 |

PART CLASS 925 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| FUEL-OR-OIL-SHUTOFF. ELECTRIC-MOTOR-ACTUATION. CROSSFEED-SEP | | AIR | .02P | | | | 65 | 2590 | 62734000 |
| FUEL-OR-OIL-SHUTOFF. ELECTRIC-MOTOR-ACTUATION. CROSSFEED-SEP | | AIR | 1.44P | | | | 65 | 2590 | 62736000 |
| FUEL-OR-OIL-SHUTOFF. ELECTRIC-MOTOR-ACTUATION. CROSSFEED-SHUTOFF | | AIR | .15P | | | | 65 | 2590 | 62738000 |
| FUEL-OR-OIL-SHUTOFF. ELECTRIC-MOTOR-ACTUATION. FIREWALL-SHUTOFF | | AIR | .1P | | | | 65 | 2590 | 62740000 |
| FUEL-OR-OIL-SHUTOFF. ELECTRIC-MOTOR-ACTUATION. FIREWALL-SHUTOFF | | AIR | .12P | | | | 65 | 2590 | 62742000 |
| FUEL-OR-OIL-SHUTOFF. ELECTRIC-MOTOR-ACTUATION. FIREWALL-SHUTOFF | | AIR | .21P | | | | 65 | 2590 | 62744000 |
| FUEL-OR-OIL-SHUTOFF. ELECTRIC-MOTOR-ACTUATION. FUEL-DRAIN | | AIR | .16F | | | | 65 | 2590 | 62744000 |
| FUEL-OR-OIL-SHUTOFF. ELECTRIC-MOTOR-ACTUATION. GROUND-TRANSFER | | AIR | .08P | | | | 65 | 2590 | 62748000 |
| FUEL-OR-OIL-SHUTOFF. ELECTRIC-MOTOR-ACTUATION. GROUND-TRANSFER | | AIR | .1P | | | | 65 | 2590 | 62750000 |
| FUEL-OR-OIL-SHUTOFF. ELECTRIC-MOTOR-ACTUATION. JETTISON | | AIR | .04P | | | | 65 | 2590 | 62752000 |
| FUEL-OR-OIL-SHUTOFF. ELECTRIC-MOTOR-ACTUATION. JETTISON | | AIR | .1P | | | | 65 | 2590 | 62754000 |
| FUEL-OR-OIL-SHUTOFF. ELECTRIC-MOTOR-ACTUATION. SHUTOFF.FIREWALL | | AIR | .64P | | | | 65 | 2590 | 62756000 |
| FUEL-OR-OIL-SHUTOFF. ELECTRIC-SOLENOID ACTUATED.ACCEL-LIMITER | | AIR | 1.03P | | | | 65 | 2590 | 62758000 |
| FUEL-OR-OIL-SHUTOFF. ELECTRIC-SOLENOID-ACTUATED | | AIR | .12P | | | | 65 | 2590 | 62760000 |
| FUEL-OR-OIL-SHUTOFF. ELECTRIC-SOLENOID-ACTUATED | | AIR | .71P | | | | 65 | 2590 | 62762000 |

PART CLASS 925 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| FUEL-OR-OIL-SHUTOFF. ELECTRIC-SOLENOID-ACTUATED.ACCEL-LIMITER | | AIR | .1P | | | | 65 | 2590 | 62764000 |
| FUEL-OR-OIL-SHUTOFF. ELECTRIC-SOLENOID-ACTUATED.DRAIN | | AIR | .67P | | | | 65 | 2590 | 62766000 |
| FUEL-OR-OIL-SHUTOFF. ELECTRIC-SOLENOID-ACTUATED.DRAIN | | AIR | 1.2P | | | | 65 | 2590 | 62768000 |
| FUEL-OR-OIL-SHUTOFF. ELECTRIC-SOLENOID-ACTUATED.FUEL-ENRICHMENT | | AIR | .34P | | | | 65 | 2590 | 62770000 |
| FUEL-OR-OIL-SHUTOFF. ELECTRIC-SOLENOID-ACTUATED.LOW-SPEED-IDLE | | AIR | .03P | | | | 65 | 2590 | 62772000 |
| FUEL-OR-OIL-SHUTOFF. ELECTRIC-SOLENOID-ACTUATED.LOW-SPEED-IDLE | | AIR | .16P | | | | 65 | 2590 | 62774000 |
| FUEL-OR-OIL-SHUTOFF. ELECTRIC-SOLENOID-ACTUATED.MANIFOLD-DRAIN | | AIR | .18P | | | | 65 | 2590 | 62776000 |
| FUEL-OR-OIL-SHUTOFF. ELECTRIC-SOLENOID-ACTUATED.MANIFOLD-DRAIN | | AIR | .68P | | | | 65 | 2590 | 62778000 |
| FUEL-OR-OIL-SHUTOFF. ELECTRIC-SOLENOID-ACTUATED.PARALLELING | | AIR | .15P | | | | 65 | 2590 | 62780000 |
| FUEL-OR-OIL-SHUTOFF. ELECTRIC-SOLENOID-ACTUATED.PARALLELING | | AIR | .26P | | | | 65 | 2590 | 62782000 |
| FUEL-OR-OIL-SHUTOFF. ELECTRIC-SOLENOID-ACTUATED.SHUTOFF | | AIR | .06P | | | | 65 | 2590 | 62784000 |
| FUEL-OR-OIL-SHUTOFF. ELECTRIC-SOLENOID-ACTUATED.SHUTOFF | | AIR | .51P | | | | 65 | 2590 | 62786000 |
| FUEL-OR-OIL-SHUTOFF. ELECTRIC-SOLENOID-ACTUATED.SHUTOFF | | AIR | .64P | | | | 65 | 2590 | 62788000 |
| FUEL-OR-OIL-SHUTOFF. ELECTRIC-SOLENOID-ACTUATED.SHUTOFF | | AIR | .72P | | | | 65 | 2590 | 62790000 |
| FUEL-OR-OIL-SHUTOFF. ELECTRIC-SOLENOID-ACTUATED.SHUTOFF | | AIR | .82P | | | | 65 | 2590 | 62792000 |

PART CLASS 925 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| FUEL-OR-OIL-SHUTOFF. FLUID-ACTUATION | | AIR | .11P | | | | 65 | 2590 | 62794000 |
| FUEL-OR-OIL-SHUTOFF. FLUID-ACTUATION | | AIR | .48P | | | | 65 | 2590 | 62794000 |
| FUEL-OR-OIL-SHUTOFF. FLUID-ACTUATION. BALL-CHECK | | AIR | .62P | | | | 65 | 2590 | 62798000 |
| FUEL-OR-OIL-SHUTOFF. FLUID-ACTUATION. CHECK.BALL | | AIR | .02P | | | | 65 | 2590 | 62800000 |
| FUEL-OR-OIL-SHUTOFF. FLUID-ACTUATION. CHECK-PRESSURE-L.-TO-EDJ | | AIR | .01P | | | | 65 | 2590 | 62802000 |
| FUEL-OR-OIL-SHUTOFF. FLUID-ACTUATION. FILTER-BY-PASS | | AIR | .05P | | | | 65 | 2590 | 62804000 |
| FUEL-OR-OIL-SHUTOFF. FLUID-ACTUATION. FILTER-BY-PASS | | AIR | .24P | | | | 65 | 2590 | 62806000 |
| FUEL-OR-OIL-SHUTOFF. FLUID-ACTUATION. PRESS-RELIEF.VAL-PRESS | | AIR | .28P | | | | 65 | 2590 | 62808000 |
| FUEL-OR-OIL-SHUTOFF. FLUID-ACTUATION. PRESSURE-RELIEF | | AIR | .08P | | | | 65 | 2590 | 62810000 |
| FUEL-OR-OIL-SHUTOFF. FLUID-ACTUATION. PRESSURE-RELIEF | | AIR | .22P | | | | 65 | 2590 | 62812000 |
| FUEL-OR-OIL-SHUTOFF. FLUID-ACTUATION. PRESSURE-RELIEF | | AIR | .23P | | | | 65 | 2590 | 62814000 |
| FUEL-OR-OIL-SHUTOFF. FLUID-ACTUATION. PRESSURE-RELIEF | | AIR | .31P | | | | 65 | 2590 | 62816000 |
| FUEL-OR-OIL-SHUTOFF. FLUID-ACTUATION.CHECK | | AIR | .04P | | | | 65 | 2590 | 62818000 |
| FUEL-OR-OIL-SHUTOFF. FLUID-ACTUATION.CHECK | | AIR | .1P | | | | 65 | 2590 | 62820000 |
| FUEL-OR-OIL-SHUTOFF. FLUID-ACTUATION.CHECK | | AIR | .15P | | | | 65 | 2590 | 62822000 |
| FUEL-OR-OIL-SHUTOFF. FLUID-ACTUATION.CHECK | | AIR | .16P | | | | 65 | 2590 | 62824000 |
| FUEL-OR-OIL-SHUTOFF. FLUID-ACTUATION.CHECK | | AIR | .21P | | | | 65 | 2590 | 62826000 |
| FUEL-OR-OIL-SHUTOFF. FLUID-ACTUATION.CHECK | | AIR | .42P | | | | 65 | 2590 | 62828000 |

PART CLASS 925 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| FUEL-OR-OIL-SHUTOFF. FLUID-ACTUATION.CHECK | | AIR | .64P | | | | 65 | 2590 | 62830000 |
| FUEL-OR-OIL-SHUTOFF-OR-CONT.COMPLEX-ACTUATION. TEMPERATURE-DATUM | | AIR | .67P | | | | 65 | 2590 | 62832000 |
| FUEL-OR-OIL-SHUTOFF-OR-CONT.COMPLEX-ACTUATION. TEMPERATURE-DATUM | | AIR | 2.37P | | | | 65 | 2590 | 62834000 |
| FUEL-OR-OIL-SHUTOFF-OR-CONT.MANUAL-OR-MECH.ACT. | | AIR | .08P | | | | 65 | 2590 | 62836000 |
| FUEL-OR-OIL-SHUTOFF-OR-CONT.MANUAL-OR-MECH.ACT. | | AIR | .6P | | | | 65 | 2590 | 62838000 |
| FUEL-OR-OIL-SHUTOFF-OR-CONT.MANUAL-OR-MECH.ACT. CONDENSATE-DRAIN | | AIR | .42P | | | | 65 | 2590 | 62840000 |
| FUEL-OR-OIL-SHUTOFF-OR-CONT.MANUAL-OR-MECH.ACT. DRAIN | | AIR | .08P | | | | 65 | 2590 | 62842000 |
| FUEL-OR-OIL-SHUTOFF-OR-CONT.MANUAL-OR-MECH.ACT. DRAIN | | AIR | .12P | | | | 65 | 2590 | 62844000 |
| FUEL-OR-OIL-SHUTOFF-OR-CONT.MANUAL-OR-MECH.ACT. DRAIN-SPRING-LOADED | | AIR | .13P | | | | 65 | 2590 | 62846000 |
| FUEL-OR-OIL-SHUTOFF-OR-CONT.MANUAL-OR-MECH.ACT. FUEL-GOVERNOR | | AIR | .08P | | | | 65 | 2590 | 62848000 |
| FUEL-OR-OIL-SHUTOFF-OR-CONT.MANUAL-OR-MECH.ACT. FUEL-GOVERNOR | | AIR | .21P | | | | 65 | 2590 | 62850000 |
| FUEL-OR-OIL-SHUTOFF-OR-CONT.MANUAL-OR-MECH.ACT. MANUAL-DRAIN | | AIR | .08P | | | | 65 | 2590 | 62852000 |
| FUEL-OR-OIL-SHUTOFF-OR-CONT.MANUAL-OR-MECH.ACT. MANUAL-DRAIN | | AIR | .1P | | | | 65 | 2590 | 62854000 |
| FUEL-OR-OIL-SHUTOFF-OR-CONT.MANUAL-OR-MECH.ACT. SPRING-LOADED-DRAIN | | AIR | .03P | | | | 65 | 2590 | 62856000 |
| FUEL-OR-OIL-SHUTOFF-OR-CONTROL.COMPLEX-ACTUATION | | AIR | .06P | | | | 65 | 2590 | 62858000 |
| FUEL-OR-OIL-SHUTOFF-OR-CONTROL.COMPLEX-ACTUATION | DUAL-FLOAT-TANK-FILLER | AIR | .59P | | | | 65 | 2590 | 62860000 |

PART CLASS 925 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .GG N.O.C. | | | | | | | | | |
| FUEL-OR-OIL-SHUTOFF-OR-CONTROL.COMPLEX-ACTUATION | DUAL-FLOAT-TANK-FILLER | AIR | .64P | | | | 65 | 2590 | 62862000 |
| FUEL-OR-OIL-SHUTOFF-OR-CONTROL.COMPLEX-ACTUATION | | AIR | .89P | | | | 65 | 2590 | 62864000 |
| FUEL-OR-OIL-SHUTOFF-OR-CONTROL.COMPLEX-ACTUATION.CONTROL-UNIT | | AIR | 1.08P | | | | 65 | 2590 | 62866000 |
| FUEL-OR-OIL-SHUTOFF-OR-CONTROL.COMPLEX-ACTUATION.CONTROL-UNIT | | AIR | 1.87P | | | | 65 | 2590 | 62868000 |
| FUEL-OR-OIL-SHUTOFF-OR-CONTROL.COMPLEX-ACTUATION.FUEL-TANK-VENT | | AIR | .1P | | | | 65 | 2590 | 62870000 |
| FUEL-OR-OIL-SHUTOFF-OR-CONTROL.COMPLEX-ACTUATION.REGULATOR | | AIR | .06P | | | | 65 | 2590 | 62872000 |
| FUEL-OR-OIL-SHUTOFF-OR-CONTROL.COMPLEX-ACTUATION.REGULATOR | | AIR | .13P | | | | 65 | 2590 | 62874000 |
| FUEL-OR-OIL-SHUTOFF-OR-CONTROL.MANUAL-OR-MECHANICAL-ACTUATION | | AIR | .9P | | | | 65 | 2590 | 62876000 |
| FUEL-P-AND-D | ENGINE-FUEL-AND-CONTROL.707-131 | AIR | 6CP | | | | 66 | 2361 | 62878000 |
| FUEL-P-AND-D | ENGINE-FUEL-AND-CONTROL.707-131 | AIR | 6CP | | | | 66 | 2362 | 62880000 |
| FUEL-P-AND-D | ENGINE-FUEL-AND-CONTROL.707-331 | AIR | 8CP | | | | 66 | 2363 | 62882000 |
| FUEL-P-AND-D | ENGINE-FUEL-AND-CONTROL.707-131 | AIR | 8CP | | | | 65 | 2362 | 62884000 |
| FUEL-P-AND-D | ENGINE-FUEL-AND-CONTROL.707-131 | AIR | 12CP | | | | 66 | 2362 | 62886000 |
| FUEL-P-AND-D | ENGINE-FUEL-AND-CONTROL.707-131 | AIR | 17CP | | | | 66 | 2364 | 62888000 |
| FUEL-P-AND-D | ENGINE-FUEL-AND-CONTROL.707-331 | AIR | 23CP | | | | 65 | 2364 | 62890000 |
| FUEL-P-AND-D CABIN-OUTFLOW-MANUAL | ENGINE-FUEL-AND-CONTROL.707-131 | AIR | 17CP | | | | 66 | 2364 | 62892000 |
| FUEL-PRESS-D-DUMP | ENGINE-FUEL-AND-CONTROL.707-331B | AIR | 5CP | | | | 66 | 2364 | 62894000 |
| FUEL-PRESSURE | | AIR | 100.371 | 120.246 | | .538 | 63 | 2111 | 62896000 |
| FUEL-PRESSURE-DUMP | ENGINE-FUEL-AND-CONTROL.707-131B | AIR | 3CP | | | | 65 | 2361 | 62898000 |
| FUEL-PRESSURE-DUMP | ENGINE-FUEL-AND-CONTROL.707-331B | AIR | 3CP | | | | 66 | 2361 | 62900000 |
| FUEL-PRESSURE-DUMP | ENGINE-FUEL-AND-CONTROL.707-131 | AIR | 3CP | | | | 66 | 2361 | 62902000 |
| FUEL-PRESSURE-D-DUMP | ENGINE-FUEL-AND-CONTROL.707-131B | AIR | 4CP | | | | 55 | 2362 | 62904000 |
| FUEL-PRESSURE-D-DUMP | ENGINE-FUEL-AND-CONTROL.707-131B | AIR | 13CP | | | | 66 | 2362 | 62906000 |
| FUEL-PRESSURE-D-DUMP | ENGINE-FUEL-AND-CONTROL.707-331B | AIR | 14CP | | | | 66 | 2362 | 62908000 |
| FUEL-PRIMER | | AIR | 1673.69 | 1800.48 | | .190 | 63 | 2120 | 62910000 |
| FUEL-SHUTOFF-MANUAL | FUEL.707-131 | AIR | 4CP | | | | 66 | 2364 | 62912000 |
| FUEL-SHUTOFF-MANUAL | FUEL.707.131 | AIR | 4CP | | | | 66 | 2361 | 62914000 |
| FUEL-SHUTOFF-1-1-2 | FUEL.707-131B | AIR | 3CP | | | | 66 | 2364 | 62916000 |

PART CLASS 925 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | [illegible] CONF LEVEL | PART HOURS | NO OF PRT | DATA SOURCE | DATA INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| FUEL-SHUTOFF-1-1-2 | FUEL.707-1318 | AIR | 30P | | | | 65 | 2364 | 62958000 |
| FUEL-SHUTOFF-1-1-2 | FUEL.707-331 | AIR | 110P | | | | 66 | 2364 | 62920000 |
| FUEL-SO-ELEC-2-IN | FUEL.727 | AIR | 150P | | | | 65 | 2365 | 62922000 |
| FUEL-SO-MAIN | FUEL.727 | AIR | 70P | | | | 66 | 2363 | 62924000 |
| FUEL-SO-MAIN | FUEL.727 | AIR | 80P | | | | 66 | 2363 | 62926000 |
| FUEL-SO-MANUAL | FUEL.707-1318 | AIR | 20P | | | | 66 | 2362 | 62928000 |
| FUEL-SO-PRESS-FUSELAGE | FUEL.727 | AIR | 110P | | | | 66 | 2363 | 62930000 |
| FUEL-SO-1-1-2 | FUEL.707-331 | AIR | 80P | | | | 66 | 2362 | 62932000 |
| FUEL-SO-1-1-2 | FUEL.707-331 | AIR | 90P | | | | 65 | 2362 | 62934000 |
| FUEL-SO-1-1-2 | FUEL.707-1318 | AIR | 280P | | | | 66 | 2362 | 62936000 |
| FUEL-SUMP-DRN | FUEL.727 | AIR | 50P | | | | 66 | 2363 | 62938000 |
| FUEL-SUMP-DRN | FUEL.727 | AIR | 60P | | | | 66 | 2363 | 62940000 |
| FUEL-VENT | | AIR | 59.4795 | 75.3582 | | .538 | 63 | 2111 | 62942000 |
| FUEL-VENT | | GRD | 1460.82C | 2204.26C | | .00753C | 66 | 2351 | 62944000 |
| FUEL-VENT-CHECK | FUEL.707-331 | AIR | 170P | | | | 65 | 2362 | 62946000 |
| FUSE.SPRING-LOADED | | AIR | 2.83018 | 4.96797 | | 2.12 | 61 | 1083 | 62948000 |
| FUSE.SPRING-LOADED | | AIR | 23.8095 | 92.6119 | | .042 | 61 | 1082 | 62950000 |
| GASPER | FLIGHT-STATION.AIR-CONDITION-SYSTEM | AIR | 6.07902 | 16.1772 | 608 | .329 | 66 | 1250 | 62952000 |
| GASPER | FLIGHT-STATION.AIR-CONDITION-SYSTEM | AIR | 10.1132 | 26.9129 | 304 | .19776 | 65 | 1227 | 62954000 |
| GATE | | AIR | 452.691 | 521.826 | | .190 | 64 | 2120 | 62956000 |
| GATE.FUEL | | AIR | 14.4927 | 38.5673 | | .138 | 59 | 1070 | 62958000 |
| GATE.PNEUMATIC-MECHANICAL-ACTUATED.FUEL | | GRD | 2142.85C | 3041.77C | 43 | .007C | 66 | 1245 | 62960000A |
| GATE.PNEUMATIC-MECHANICAL-ACTUATED.LOX-PRELIMINARY | | GRD | 2916.66C | 3914.48C | 49 | .0072C | 66 | 1245 | 62962000A |
| GATE.VENT.PNEUMATIC-MECHANICAL-ACTUATED.LOX | | GRD | 17608.6C | 20390.8C | 35 | .0046C | 66 | 1245 | 62964000A |
| GEN-OIL-COOLER | OIL.707-331 | AIR | 70P | | | | 66 | 2361 | 62966000 |
| GEN-OIL-COOLER | OIL.707-331 | AIR | 70P | | | | 66 | 2361 | 62968000 |
| GEN-OIL-COOLER | OIL.707-331 | AIR | 130P | | | | 65 | 2361 | 62970000 |
| GEN-OIL-COOLER-REGULATOR | OIL.707-331 | AIR | 80P | | | | 66 | 2362 | 62972000 |
| GEN-OIL-COOLER-REGULATOR | OIL.707-331 | AIR | 90P | | | | 65 | 2362 | 62974000 |
| GEN-OIL-COOLER-REGULATOR | OIL-707-331 | AIR | 160P | | | | 64 | 2364 | 62976000 |
| GLOBE.POPPET.HYDRAULIC-AND-PNEUMATIC | | AIR | 50.7246 | 85.2963 | | .138 | 59 | 1070 | 62978000 |
| GN2-CHARGING | ACCUMULATOR.RESERVOIR-MANIFOLD.ASSEMBLY | QUAL TEST | 16.6666C | 64.8283C | 3 | .06C | 65 | 2340 | 62980000A |
| HELICN | DISCONNECT-PRESSURIZATION | GRD | * | 115136 | 22 | .0002C | 65 | 1171 | 62982000 |
| HYDRAULIC CONTROL.3-WAY-NOSE-LANDING-GEAR | LANDING-GEAR.707.1318 | AIR | 130P | | | | 65 | 2361 | 62984000 |
| HYDRAULIC-CONTROL.3-WAY-NOSE-LANDING-GEAR | LANDING-GEAR.707.331 | AIR | 260P | | | | 65 | 2361 | 62986000 |
| HYDRAULIC-CONTROL-3-WAY-NOSE-LANDING GEAR | LANDING-GEAR.707-1318 | AIR | 160P | | | | 65 | 2362 | 62988000 |
| HYDRAULIC-CONTROL-3-WAY-NOSE-LANDING-GEAR | LANDING-GEAR.707-1318 | AIR | 290P | | | | 66 | 2362 | 62990000 |

PART CLASS 625 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| N.O.C. | | | | | | | | | |
| HYDRAULIC-D-C-MOTOR | FLIGHT-CONTROLS.707-131B | AIR | 10P | | | | 65 | 2362 | 62992000 |
| HYDRAULIC-D-C-MOTOR | FLIGHT-CONTROLS.707-131B | AIR | 20P | | | | 66 | 2362 | 62994000 |
| HYDRAULIC-D-C-MOTOR | FLIGHT-CONTROLS.707-331B | AIR | 40P | | | | 66 | 2362 | 62996000 |
| HYDRAULIC-D-C-MOTOR | FLIGHT-CONTROLS.707-131 | AIR | 60P | | | | 66 | 2362 | 62998000 |
| HYDRAULIC-D-C-MOTOR | FLIGHT-CONTROLS.707-331 | AIR | 80P | | | | 66 | 2362 | 63000000 |
| HYDRAULIC-D-C-MOTOR | FLIGHT-CONTROLS.707-131 | AIR | 170P | | | | 66 | 2362 | 63002000 |
| HYDRAULIC-MOTOR-FLAP-BYPASS | FLIGHT-CONTROLS.727 | AIR | 80P | | | | 66 | 2360 | 63004000 |
| HYDRAULIC-TRANSF | FLIGHT-CONTROLS.727 | AIR | 50P | | | | 66 | 2360 | 63006000 |
| HYDRAULIC-TRANSF | FLIGHT-CONTROLS.727 | AIR | 230P | | | | 65 | 2360 | 63008000 |
| IGNITER.SEQUENCE.SPRING-LOADED.NC.HEATER.FUEL | FEED-BOOST-PUMP | GRD | 10000C | 14583C | 32 | .0013C | 65 | 1207 | 63010000 |
| | | GRD | 2000C | 7779.4C | 50 | .0006C | 66 | 1245 | 63012000A |
| INL-VANE-NOSE-DE-ICE | AIR.707-331 | AIR | 30P | | | | 66 | 2361 | 63014000 |
| INL-VANE-NOSE-DE-ICE | AIR.707-331 | AIR | 30P | | | | 66 | 2361 | 63016000 |
| INL-VANE-NOSE-DE-ICE | AIR.707-131 | AIR | 330P | | | | 65 | 2361 | 63018000 |
| INL-VANE-NOSE-DE-ICE | AIR.707-131 | AIR | 330P | | | | 66 | 2361 | 63020000 |
| INL-VANE-NOSE-DE-ICE | AIR.707-131 | AIR | 510P | | | | 66 | 2361 | 63022000 |
| INL-VANE-O-NOSE-DE-ICE | AIR.707-331 | AIR | 40P | | | | 66 | 2362 | 63024000 |
| INL-VANE-O-NOSE-DE-ICE | AIR.707-331 | AIR | 40P | | | | 66 | 2364 | 63026000 |
| INL-VANE-O-NOSE-DE-ICE | AIR.707-331 | AIR | 130P | | | | 65 | 2362 | 63028000 |
| INL-VANE-O-NOSE-DE-ICE | AIR.707-131 | AIR | 410P | | | | 65 | 2364 | 63030000 |
| INL-VANE-O-NOSE-DE-ICE | AIR.707-131 | AIR | 510P | | | | 66 | 2364 | 63032000 |
| INL-VANE-O-NOSE-DE-ICE | AIR.707-131 | AIR | 510P | | | | 66 | 2362 | 63034000 |
| INL-VANE-O-NOSE-DE-ICE | AIR.707-131 | AIR | 530P | | | | 65 | 2362 | 63036000 |
| INL-VANE-O-NOSE-DE-ICE | AIR.707-131 | AIR | 560P | | | | 66 | 2362 | 63038000 |
| INL-VANE-O-NOSE-DE-ICE | AIR.707-131 | AIR | 890P | | | | 66 | 2364 | 63040000 |
| INTERCONNECTING | | GRD | * | 1621.54C | | .00142C | 66 | 2MS1 | 63042000 |
| IRIS.MIXING.AIR.4-INCH.MOTOR-ACTUATED | | GRD | 2000C | 7779.4C | 23 | .0005C | 66 | 1245 | 63044000A |
| IRIS.MIXING.MOTOR-ACTUATED.4-INCH.AIR | | GRD | 8333.33C | 15457.8C | 17 | .0006C | 66 | 1245 | 63046000A |
| IRIS-MIXING | | GRD | 2173.91C | 8455.86C | | .00046C | 66 | 2MS1 | 63048000 |
| IRIS-MIXING | | GRD | 8771.92C | 16271.4C | | .00057C | 66 | 2MS1 | 63050000 |
| ISOLATING | | | .595 | | | | 62 | 2231 | 63052000 |
| ISOLATION | | AIR | 400 | 496.702 | | .995 | 63 | 2121 | 63054000 |
| LANDING-GEAR-ACTUATOR-SEQUENCE | LANDING-GEAR.707-131 | AIR | 230P | | | | 66 | 2362 | 63056000 |
| LANDING-GEAR-ACTUATOR-SEQUENCE | LANDING-GEAR.707-331 | AIR | 310P | | | | 66 | 2362 | 63058000 |
| LANDING-GEAR-ACTUATOR-SEQUENCE | LANDING-GEAR.707-131B | AIR | 130P | | | | 65 | 2361 | 63060000 |
| LANDING-GEAR-ACTUATOR-SEQUENCE | LANDING-GEAR.707-131B | AIR | 260P | | | | 66 | 2364 | 63062000 |
| LANDING-GEAR-ACTUATOR-SEQUENCE | LANDING-GEAR.707.331 | AIR | 530P | | | | 66 | 2361 | 63064000 |

PART CLASS 525 VALVES

| PART DESCRIPTION .OC N.O.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| LANDING-GEAR-SEL-SOLENOID | | AIR | 700P | | | | 65 | 2350 | 63046000 |
| LANDING-GEAR-SELECTOR | LANDING-GEAR.707-131B | AIR | 130P | | | | 66 | 2364 | 63066000 |
| LAVORATORY-WATER-DRAIN | WATER-WASTE.727 | AIR | 220P | | | | 66 | 2363 | 63070000 |
| LAVORATORY-WATER-DRAIN | WATER-WASTE.727 | AIR | 240P | | | | 66 | 2363 | 63072000 |
| LINE.1/4-X-1/4-INCH | | GRD | .198491 | .772072 | 600 | 5.038 | 65 | 1216 | 63074000A |
| LINE.1/4-X-1/4-INCH | | GRD | .396983 | 1.54414 | 300 | 2.519 | 65 | 1216 | 63076000A |
| LINE.7/8X7/8 | | | .258398 | 1.00509 | | 3.87 | 64 | 2239 | 63078000 |
| LINE-1/4X1/4 | | | .387477 | .862885 | | 7.7424 | 64 | 2239 | 63080000 |
| LIQUID-OXYGEN-FILL-AND-DRAIN | PROPULSION | LAB | * | 6578.85C | 34 | .00035C | 61 | 2600 | 63082000 |
| LIQUID-OXYGEN-FILL-AND-DRAIN | PROPULSION | MSL | 7692.3C | 29920.7C | 5 | .00013C | 61 | 2600 | 63084000 |
| LIQUID-OXYGEN-TANK-RELIEF-AND-SHUTOFF.(BOILOFF) | PRESSURIZATION | LAB | 7017.54C | 14023.7C | 37 | .00057C | 61 | 2600 | 63086000 |
| LO-P4-OXYGEN-TEST-CONN | OXYGEN-707-331 | AIR | 150P | | | | 65 | 2364 | 63088000 |
| LO-PRESSURE-OXYGEN-TEST-CONN | OXYGEN.707-131 | AIR | 110P | | | | 66 | 2362 | 63090000 |
| LOAD-CONTROL-APU | AIRBORNE-AUXILIARY-POWER.727 | AIR | 190P | | | | 65 | 2360 | 63092000 |
| LOAD-CONTROL-APU | AIRBORNE-AUXILIARY-POWER.727 | AIR | 370P | | | | 66 | 2360 | 63094000 |
| LOAD-CTL-APU | AIRBORNE-AUXILIARY-POWER.727 | AIR | 200P | | | | 66 | 2365 | 63096000 |
| LOAD-CTL-APU | AIRBORNE-AUXILIARY-POWER.727 | AIR | 210P | | | | 66 | 2365 | 63098000 |
| LOAD-CTL-AUXILIARY-POWER UNIT | AIRBORNE-AUXILIARY-POWER.727 | AIR | 68 P | | | | 65 | 2363 | 63100000 |
| LOAD-CTL-AUXILIARY-POWER-UNIT | AIRBORNE-AUXILIARY-POWER.727 | AIR | 220P | | | | 66 | 2363 | 63102000 |
| LOAD-CTL-AUXILIARY-POWER-UNIT | AIRBORNE-AUXILIARY-POWER.727 | AIR | 75CP | | | | 66 | 2363 | 63104000 |
| LOAD-DEF | SINGLE-POINT-REFUELING | AIR | 24.9216 | 252.6 | 100 | .02107 | 65 | 1198 | 63106000 |
| LOCKOUT-DEF. MAIN-LANDING-GEAR.CCYL | LANDING-GEAR.707.131B | AIR | 60P | | | | 66 | 2361 | 63108000 |
| LOCKOUT-DEF. MAIN-LANDING-GEAR.CCYL | LANDING-GEAR.707.331B | AIR | 70P | | | | 66 | 2361 | 63110000 |
| LOCKOUT-DEF. MAIN-LANDING-GEAR.CCYL | LANDING-GEAR.707.131B | AIR | 120P | | | | 66 | 2361 | 63112000 |
| LOCKOUT-DEF. MAIN-LANDING-GEAR.CCYL | LANDING-GEAR.707.131B | AIR | 130P | | | | 65 | 2361 | 63114000 |
| LOCKOUT-DEF-MAIN-LANDING-GEAR-CCYL | LANDING-GEAR.331C/373C | AIR | 480P | | | | 66 | 2360 | 63116000 |
| LOCKOUT-DEF-MAIN-LANDING-GEAR-C-CYCLE | LANDING-GEAR.331C/373C | AIR | 250P | | | | 66 | 2365 | 63118000 |
| LOX-RELIEF | | GRD | 7686.29C | 9000.73C | | .00887C | 66 | 2MS1 | 63120000 |
| LOX-REPLENISHING | | GRD | 8235.29C | 15648.1C | | .00065C | 66 | 2MS1 | 63122000 |
| LOX-VENT | | GRD | 17494.6C | 20258.7C | | .00463C | 66 | 2MS1 | 63124000 |
| MAIN-CABIN TEMPERATURE-CONTROL | AIR-CONDITIONING.331C/373C | AIR | 500P | | | | 66 | 2365 | 63126000 |

PART CLASS 525 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .xls N.O.C. | | | | | | | | | |
| MAIN CABIN-SLAVE-LH-331C | AIR-CONDITIONING.707-321B | AIR | 240P | | | | 66 | 2362 | 63128000 |
| MAIN-CABIN-SLAVE-RH | AIR-CONDITIONING.707-131B | AIR | 110P | | | | 66 | 2361 | 63130000 |
| MAIN-CABIN-SLAVE-RH | AIR-CONDITIONING.707-131B | AIR | 130P | | | | 65 | 2361 | 63132000 |
| MAIN-CABIN-SLAVE-RH | AIR-CONDITIONING.707-131 | AIR | 220P | | | | 66 | 2361 | 63134000 |
| MAIN-CABIN-SLAVE-RH | AIR-CONDITIONING.707-131 | AIR | 300P | | | | 65 | 2362 | 63136000 |
| MAIN-CABIN-SLAVE-RH-331C | AIR-CONDITIONING.707-331B | AIR | 240P | | | | 66 | 2362 | 63138000 |
| MAIN-CABIN-SD-SLAVE-LH | AIR-CONDITIONING.707-131B | AIR | 130P | | | | 65 | 2361 | 63140000 |
| MAIN-CABIN-SD-SLAVE-LH | AIR-CONDITIONING.707-131B | AIR | 150P | | | | 66 | 2362 | 63142000 |
| MAIN-CABIN-TEMPERATURE- | AIR-CONDITIONING.331C/372C | AIR | 540P | | | | 66 | 2363 | 63144000 |
| MAIN-CARGO-DOOR-SEC | HYDRAULIC-POWER.331C/372C | AIR | 490P | | | | 65 | 2365 | 63146000 |
| MAIN-FUEL | | GRD | 4054.05C | 9028.1C | | .000074C | 66 | 2451 | 63148000 |
| MAIN LANDING-GEAR. SAFETY-GEAR-DOOR | LANDING-GEAR.707.131B | AIR | 60P | | | | 66 | 2361 | 63150000 |
| MAIN-LANDING-GEAR. SAFETY-GEAR-DOOR | LANDING-GEAR.707.131B | AIR | 110P | | | | 66 | 2361 | 63152000 |
| MAIN-LANDING-GEAR. SAFETY-GEAR-DOOR | LANDING-GEAR.707.131B | AIR | 130P | | | | 65 | 2361 | 63154000 |
| MAIN-LANDING-GEAR. SAFETY-GEAR-DOOR | LANDING-GEAR.707.331 | AIR | 260P | | | | 66 | 2361 | 63156000 |
| MAIN-LANDING-GEAR-SAFETY-GEAR-DOOR | LANDING-GEAR.707-131B | AIR | 70P | | | | 65 | 2364 | 63158000 |
| MAIN-LANDING-GEAR-SAFETY-GEAR-DOOR | LANDING-GEAR.707-131B | AIR | 70P | | | | 66 | 2364 | 63160000 |
| MAIN-LANDING-GEAR-SAFETY-GEAR-DOOR | LANDING-GEAR.707-131B | AIR | 80P | | | | 65 | 2362 | 63162000 |
| MAIN-LANDING-GEAR-SAFETY-GEAR-DOOR | LANDING-GEAR.707-331B | AIR | 100P | | | | 66 | 2364 | 63164000 |
| MAIN-LANDING-GEAR-SAFETY-GEAR-DOOR | LANDING-GEAR.707-131 | AIR | 110P | | | | 66 | 2364 | 63166000 |
| MAIN-LANDING-GEAR-SAFETY-GEAR-DOOR | LANDING-GEAR.707-131B | AIR | 130P | | | | 66 | 2362 | 63168000 |
| MAIN-LANDING-GEAR-SAFETY-GEAR-DOOR | LANDING-GEAR.707-131 | AIR | 150P | | | | 65 | 2362 | 63170000 |
| MAIN-LANDING-GEAR-SAFETY-GEAR-DOOR | LANDING-GEAR.707-331B | AIR | 170P | | | | 66 | 2364 | 63172000 |
| MAIN-LANDING-GEAR-SAFETY-GEAR-DOOR | LANDING-GEAR.707-331 | AIR | 510P | | | | 65 | 2362 | 63174000 |
| MAIN-LANDING-GEAR-SAFETY-GEAR-DOOR | LANDING-GEAR..727 | AIR | 150P | | | | 66 | 2360 | 63176000 |
| MAIN-LANDING-GEAR-SAFETY-GEAR-DOOR | LANDING-GEAR.727 | AIR | 60CP | | | | 66 | 2365 | 63178000 |
| MAIN-LANDING-GEAR-SHUT-OFF | LANDING-GEAR.707.331 | AIR | 260P | | | | 66 | 2361 | 63180000 |
| MAIN-LOX | | GRD | 5300C | 8776.75C | | .001200 | 66 | 2451 | 63182000 |
| MANUAL | (STORAGE) | | .0001 | | | | 66 | 241 | 63184000 |
| MANUAL | (STORAGE) | MSL | .0001 | | | | 65 | 2440 | 63186000 |

PART CLASS 925 VALVES

| PART DESCRIPTION .90 N.O.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| MANUAL-OPER | FUEL-DISTRIBUTION | AIR | * | 96.4641 | 62 | .02387 | 63 | 1111 | 63180000 |
| MANUAL-OPER.OXYGEN | FIXED-SYSTEM | AIR | 60.1529 | 101.15 | 100 | .11637 | 65 | 1198 | 63190000 |
| MANUAL-OPER.OXYGEN | FIXED-SYSTEM | AIR | 66.6666 | 259.313 | 68 | .015 | 63 | 1114 | 63192000 |
| MANUAL-OPER.TOGGLE-LATCH. REFUELING | | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 63194000 |
| MANUAL-SHUT-OFF | FUEL.707-131B | AIR | 30P | | | | 66 | 2362 | 63196000 |
| MANUAL-SHUT-OFF | FUEL.707-131B | AIR | 40P | | | | 66 | 2362 | 63198000 |
| MANUAL-SHUT-OFF | FUEL.707-131 | AIR | 60P | | | | 66 | 2362 | 63200000 |
| MANUAL-SHUT-OFF | FUEL.707-331 | AIR | 80P | | | | 66 | 2362 | 63202000 |
| MANUAL-SHUTOFF | | | 5.6 | | | | 65 | 2169 | 63204000 |
| MANUAL-SHUTOFF | FUEL.707-131B | AIR | 30P | | | | 65 | 2364 | 63206000 |
| MANUAL-SHUTOFF | FUEL.707-131B | AIR | 30P | | | | 66 | 2361 | 63208000 |
| MANUAL-SHUTOFF | FUEL.707-131 | AIR | 60P | | | | 65 | 2364 | 63210000 |
| MANUAL-SHUTOFF | FUEL.707.331 | AIR | 70P | | | | 65 | 2361 | 63212000 |
| MANUAL-SHUTOFF | FUEL.707.131 | AIR | 70P | | | | 65 | 2361 | 63214000 |
| MCAB-SLAVE-RH-331C | AIR-CONDITIONING.707-331B | AIR | 140P | | | | 65 | 2361 | 63216000 |
| MCAB-SLAVE-RH-331C | AIR-CONDITIONING.707-331 | AIR | 340P | | | | 66 | 2364 | 63218000 |
| MCABIN-TEMPERATURE-CONTROL | AIR-CONDITIONING.331C/373C | AIR | 500P | | | | 66 | 2360 | 63220000 |
| METERING | HYDRAULIC-BRAKE | GRC | 111.111 | 432.188 | 32 | .009 | 59 | 1110 | 63222000 |
| METERING | BRAKE.LANDING-GEAR.MAIN | AIR | 153.588 | 231.753 | 186 | .07162 | 63 | 1111 | 63224000 |
| METERING | SPOILER-CONTROL | GRD | 628.272 | 802.41 | 124 | .04775 | 63 | 1111 | 63226000 |
| METERING.FUEL | POWER-UNIT | GRD | 253.164 | 673.708 | | .0079 | 62 | 1135 | 63228000 |
| MIXING.AIR | CABIN/COCKPIT.AIR-CONDITION | AIR | 5.29007 | 11.7808 | 150 | .5671 | 65 | 1198 | 63230000 |
| MIXING.AIR.TEMPERATURE | PRESSURE-SUIT | AIR | 40.1427 | 63.363 | | .2242 | 66 | 1263 | 63232000 |
| MIXING.AIR.TEMPERATURE | PRESSURE-SUIT | AIR | 79.8722 | 129.739 | | .10016 | 66 | 1241 | 63234000 |
| MIXING.DUAL.AIR.TEMPERATURE | CABIN | AIR | 1647.36 | 1824.19 | | .10016 | 66 | 1241 | 63236000 |
| MODULATING | AIR-CONDITIONING.CABIN | AIR | 7.72364 | 15.4348 | 597 | .51789 | 67 | 1277 | 63238000 |
| MODULATING | AIR-CONDITIONING.CABIN | AIR | 17.5024 | 46.5765 | 473 | .11421 | 66 | 1228 | 63240000 |
| MODULATING | AIR-CONDITIONING.CABIN | AIR | 22.8154 | 60.7152 | 406 | .00766 | 64 | 1179 | 63242000 |
| MODULATING | WING-ANTI-ICE-SYSTEM | AIR | 121.399 | 166.911 | 280 | .16832 | 65 | 1227 | 63244000 |
| MODULATING | WING ANTI-ICE-SYSTEM | AIR | 129.659 | 164.273 | 456 | .2466 | 66 | 1250 | 63246000A |
| MODULATING | FLOOR-HEAT-SYSTEM | AIR | 809.061 | 1094.05 | 48 | .02672 | 65 | 1227 | 63248000 |
| MODULATING | FLOOR-HEAT-SYSTEM | AIR | 854.96 | 1066.65 | 76 | .04113 | 66 | 1250 | 63250000A |
| MODULATING.AIR.COLD | AIR-CONDITIONING | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 63252000 |
| MODULATING.SHUTOFF. 1/2-INCH.GH2 | | GRD | 15000C | 26330.2C | 9 | .0004C | 66 | 1245 | 63254000A |
| MOTOR-APU-FUEL-SO | AIRBORNE-AUXILIARY-POWER.727 | AIR | 190P | | | | 66 | 2360 | 63256000 |
| MOTOR-DRIVEN | | AIR GND | 200 | | | | 61 | 2162 | 63258000 |
| MULTI-APPLICATION | | GRC | 158.807C | 529.055C | | .01006C | 66 | 2351 | 63260000 |
| MULTI-APPLICATION | | GRD | 337.695C | 548.531C | | .02369C | 66 | 2351 | 63262000 |
| MULTI-APPLICATION | | GRD | 20689.6C | 36317.5C | | .00029C | 66 | 2351 | 63264000 |
| NOSE-GEAR-STEERING-METERING | LANDING-GEAR.727 | AIR | 180P | | | | 66 | 2360 | 63266000 |
| NOSE-LANDING-GEAR. STEERING-METERING | LANDING-GEAR.707.331 | AIR | 260P | | | | 66 | 2361 | 63268000 |
| NOSE-LANDING-GEAR-STEERING-METERING | LANDING-GEAR.707-131 | AIR | 230P | | | | 66 | 2362 | 63270000 |

PART CLASS 625 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF PT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| NOSE-LANDING-GEAR-STEERING-METERING | LANDING-GEAR.707-131 | AIR | 600P | | | | 65 | 2362 | 63272000 |
| O-CONTROL-COMPR-BLEED | ENGINE.707-131B | AIR | 70P | | | | 66 | 2362 | 63274000 |
| O-CONTROL-COMPR-BLEED | ENGINE.707-131B | AIR | 80P | | | | 65 | 2362 | 63276000 |
| O-CONTROL-COMPR-BLEED | ENGINE.707-131B | AIR | 100P | | | | 66 | 2362 | 63278000 |
| O-CONTROL-COMPR-BLEED | ENGINE.707-131B | AIR | 130P | | | | 65 | 2362 | 63280000 |
| O-CONTROL-COMPRESSOR-BLEED | ENGINE.707-131B | AIR | 100P | | | | 66 | 2364 | 63282000 |
| O-CONTROL-COMPRESSOR-BLEED | ENGINE.707-131B | AIR | 110P | | | | 65 | 2364 | 63284000 |
| O-CONTROL-COMPRESSOR-BLEED | ENGINE.707-131B | AIR | 130P | | | | 66 | 2364 | 63286000 |
| O-CONTROL-COMPRESSOR-BLEED CABIN-OUTFLOW-MANUAL | ENGINE.707-131B | AIR | 30P | | | | 65 | 2364 | 63288000 |
| O-CONTROL-COMPRESSOR-BLEED CABIN-OUTFLOW-MANUAL | ENGINE.707-131B | AIR | 190P | | | | 66 | 2364 | 63290000 |
| OIL-CONTROL | | | 1.0228 | 2.72184 | | 1.9554 | 65 | 2239 | 63292000 |
| OIL-COOLER-REG | OIL.707-131 | AIR | 70P | | | | 65 | 2361 | 63294000 |
| OIL-COOLER-REGULATOR | OIL.707-131 | AIR | 60P | | | | 66 | 2362 | 63296000 |
| ORIFICES.CONTROL.PRESSURE.3-WAY.2-POSITION.ELECTRO-MECHANICAL-ACTUATED | | GRD | * | 4605.2C | 7 | .0005C | 66 | 1245 | 63296000 |
| ORIFICES.CONTROL.PRESSURE.4-WAY.2-POSITION.ELECTRO-PNEUMATIC-ACTUATED | | GRD | * | 1211.89C | 9 | .0019C | 66 | 1245 | 63300000A |
| ORIFICES.GATE.INTERCONNECT.PNEUMATIC-MECHANICAL-ACTUATED | LOX-DRAIN/FILL | GRD | * | 1644.71C | 14 | .0014C | 66 | 1245 | 63302000 |
| ORIFICES.SOLENOID | HELIUM-PRESSURIZE | GRD | 2000C | 5322.5C | 12 | .001C | 66 | 1245 | 63304000 |
| OUTFLOW | AIR-CONDITIONING.707-131 | AIR | 80P | | | | 66 | 2361 | 63306000 |
| OUTFLOW | AIR-CONDITIONING.707-331B | AIR | 80P | | | | 66 | 2362 | 63308000 |
| OUTFLOW | AIR-CONDITIONING.707-131 | AIR | 80P | | | | 66 | 2362 | 63310000 |
| OUTFLOW | | AIR | 83.3437 | 112.702 | 156 | .23997 | 66 | 1235 | 63312000 |
| OUTFLOW | AIR-CONDITIONING.707-131 | AIR | 90P | | | | 65 | 2361 | 63314000 |
| OUTFLOW | AIR-CONDITIONING.707-331 | AIR | 90P | | | | 65 | 2361 | 63316000 |
| OUTFLOW | AIR-CONDITIONING.707-131B | AIR | 90P | | | | 66 | 2362 | 63318000 |
| OUTFLOW | AIR-CONDITIONING.707-331 | AIR | 90P | | | | 66 | 2361 | 63320000 |
| OUTFLOW | AIR-CONDITIONING.707-131B | AIR | 100P | | | | 66 | 2362 | 63322000 |
| OUTFLOW | AIR-CONDITIONING.707-131 | AIR | 100P | | | | 65 | 2362 | 63324000 |
| OUTFLOW | | AIR | 100P | | | | 65 | 2330 | 63326000 |
| OUTFLOW | AIR-CONDITIONING.707-331 | AIR | 100P | | | | 66 | 2364 | 63328000 |
| OUTFLOW | AIR-CONDITIONING.707-131B | AIR | 110P | | | | 66 | 2361 | 63330000 |
| OUTFLOW | AIR-CONDITIONING.707-331B | AIR | 140P | | | | 66 | 2361 | 63332000 |
| OUTFLOW | PRESSURIZATION.AIR-CONDITIONER | AIR | 154.679 | 212.737 | 100 | .1168T | 65 | 1198 | 63334000 |
| OUTFLOW | AIR-CONDITIONING.707-131 | AIR | 160P | | | | 66 | 2362 | 63336000 |
| OUTFLOW | AIR-CONDITIONING.707-331B | AIR | 170P | | | | 66 | 2364 | 63338000 |
| OUTFLOW | AIR-CONDITIONING.707-331B | AIR | 180P | | | | 65 | 2362 | 63340000 |
| OUTFLOW | AIR-CONDITIONING.707-331B | AIR | 190P | | | | 66 | 2362 | 63342000 |

PART CLASS 923 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| OUTFLOW | AIR-CONDITIONING.707-131 | AIR | 220P | | | | 66 | 2364 | 63344000 |
| OUTFLOW | AIR-CONDITIONING.707-331 | AIR | 220P | | | | 66 | 2364 | 63344000 |
| OUTFLOW | AIR-CONDITIONING.707-131B | AIR | 220P | | | | 66 | 2364 | 63344000 |
| OUTFLOW | AIR-CONDITIONING.707-331 | AIR | 230P | | | | 66 | 2362 | 63350000 |
| OUTFLOW | AIR-CONDITIONING.707-131B | AIR | 240P | | | | 66 | 2361 | 63352000 |
| OUTFLOW | AIR-CONDITIONING.707-131B | AIR | 270P | | | | 65 | 2362 | 63354000 |
| OUTFLOW | AIR-CONDITIONING.707-131 | AIR | 280P | | | | 65 | 2364 | 63356000 |
| OUTFLOW | AIR-CONDITIONING.707-331 | AIR | 370P | | | | 66 | 2361 | 63358000 |
| OUTFLOW | AIR-CONDITIONING.880 | AIR | 370P | | | | 66 | 2361 | 63360000 |
| OUTFLOW | AIR-CONDITIONING.707-331B | AIR | 380P | | | | 66 | 2360 | 63362000 |
| OUTFLOW | CABIN-PRESSURE | AIR | 420P | | | | 65 | 2364 | 63364000 |
| OUTFLOW | AIR-CONDITIONING.880 | AIR | 428.571 | 752.292 | 48 | .014 | 59 | 6410 | 63366000 |
| OUTFLOW | AIR-CONDITIONING.331C/373C | AIR | 430P | | | | 66 | 2360 | 63368000 |
| OUTFLOW | AIR-CONDITIONING.707-331 | AIR | 500P | | | | 66 | 2365 | 63370000 |
| OUTFLOW | AIR-CONDITIONING.331C/373C | AIR | 510P | | | | 65 | 2364 | 63372000 |
| OUTFLOW | AIR-CONDITIONING.707-331 | AIR | 510P | | | | 66 | 2363 | 63374000 |
| OUTFLOW | AIR-CONDITIONING.880 | AIR | 520P | | | | 66 | 2362 | 63376000 |
| OUTFLOW | | AIR | 530P | | | | 66 | 2365 | 63378000 |
| OUTFLOW | PRESSURIZATION.AIR-CONDITIONER | AIR | 566.839 | 839.94 | 45 | .02117 | 64 | 1144 | 63380000A |
| OUTFLOW | PRESSURIZATION.AIR-CONDITIONER | AIR | 641.556 | 724.569 | 50 | .08478 | 63 | 1198 | 63382000 |
| OUTFLOW | AIR-CONDITIONING.880 | AIR | 626.666 | 760.873 | 50 | .075 | 65 | 1114 | 63384000 |
| OUTFLOW | AIR-CONDITIONING.880 | AIR | 630P | | | | 65 | 2360 | 63386000 |
| OUTFLOW | PRESSURIZATION.AIR-CONDITIONER | AIR | 720P | | | | 65 | 2363 | 63388000 |
| OUTFLOW | AIR-CONDITIONING.707-131 | AIR | 740.682 | 848.518 | 50 | .12691 | 65 | 1198 | 63390000 |
| OUTFLOW | | AIR | 820P | | | | 65 | 2364 | 63392000 |
| OUTFLOW | PRESSURIZATION.AIR-CONDITIONER | AIR | 852.272 | 992.778 | 102 | .088 | 63 | 1114 | 63394000 |
| OUTFLOW | AIR-CONDITIONING.880 | AIR | 960P | | | | 66 | 2363 | 63396000 |
| OUTFLOW | AIR-CONDITIONING.331C/373C | AIR | 1000P | | | | 66 | 2360 | 63398000 |
| OUTFLOW | | AIR | 1266.89 | 1798.34 | | .01184 | 66 | 2132 | 63400000 |
| OUTFLOW | AIR-CONDITIONING.880 | AIR | 1270P | | | | 66 | 2365 | 63402000 |
| OUTFLOW | AIR-CONDITIONING.880 | AIR | 1280P | | | | 65 | 2363 | 63404000 |
| OUTFLOW | AIR-CONDITIONING.331C/373C | AIR | 1390P | | | | 65 | 2360 | 63406000 |
| OUTFLOW | AIR-CONDITIONING.880 | AIR | 1410P | | | | 66 | 2363 | 63408000 |
| OUTFLOW | AIR-CONDITIONING.331C/373C | AIR | 1920P | | | | 66 | 2360 | 63410000 |
| OUTFLOW/SAFETY | PRESSURIZATION.AIR-CONDITIONER | AIR | 21.2265 | 78.6751 | 96 | .04944 | 65 | 1227 | 63412000 |
| OUTFLOW/SAFETY. PRESSURIZATION | AIR-CONDITION | AIR | 36.4697 | 81.2356 | 152 | .08226 | 66 | 1250 | 63414000A |
| OUTLET | AIR-CONDITIONER.FLIGHT-DECK | AIR | 25.974 | 69.1207 | 340 | .077 | 63 | 1114 | 63416000 |
| OUTLET | AIR-CONDITIONER.FLIGHT-DECK | AIR | 37.8097 | 50.3905 | 500 | .58136 | 65 | 1198 | 63418000 |
| OVERBOARD-DRAIN | AFTERBURNER | AIR | * | 46.3393 | | .04969 | 63 | 1123 | 63420000A |
| OVERRIDE.MANUAL | | AIR | 63.0318 | 167.737 | 61 | .03173 | 64 | 1144 | 63422000A |
| OXIDIZER | THRUST-CHAMBER | SIN NSL | * | .15336 | | .00020 | 62 | 1089 | 63424000 |
| OXYGEN | DISCHARGE.OVERBOARD.FIXED-SYSTEM | AIR | 23.7798 | 57.4099 | 100 | .11637 | 65 | 1198 | 63426000 |
| OXYGEN | DISCHARGE.OVERBOARD.FIXED-SYSTEM | AIR | 133.333 | 354.82 | 68 | .015 | 63 | 1114 | 63428000 |
| OXYGEN | CONVERTER.VENT-AND-BUILD-UP | AIR | 638.888 | 845.525 | 93 | .036 | 63 | 1111 | 63430000 |

PART CLASS 525 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .CC N.C.C. | | | | | | | | | |
| OXYGEN-BY-PASS | OXYGEN-707-1318 | AIR | 70P | | | | 66 | 2364 | 63432000 |
| OXYGEN-BY-PASS | OXYGEN-707-1318 | AIR | 70P | | | | 66 | 2364 | 63434000 |
| OXYGEN-BY-PASS | OXYGEN-707-3318 | AIR | 130P | | | | 66 | 2364 | 63436000 |
| OXYGEN-BY-PASS | OXYGEN-707-331 | AIR | 150P | | | | 66 | 2364 | 63438000 |
| OXYGEN-BY-PASS | OXYGEN-707-331 | AIR | 170P | | | | 66 | 2364 | 63440000 |
| OXYGEN-BYPASS | OXYGEN.707-131 | AIR | 120P | | | | 66 | 2362 | 63442000 |
| OXYGEN-BYPASS | OXYGEN.707-331 | AIR | 150P | | | | 66 | 2362 | 63444000 |
| OXYGEN-PRESS-REL | OXYGEN-707-331 | AIR | 310P | | | | 65 | 2364 | 63446000 |
| OXYGEN-PRESSURE-REG | OXYGEN.707-131 | AIR | 250P | | | | 66 | 2362 | 63448000 |
| OXYGEN-PRESSURE-REG | OXYGEN.707-3318 | AIR | 280P | | | | 66 | 2362 | 63450000 |
| OXYGEN-SHUTOFF | | AIR | .05P | | | | 65 | 2590 | 63452000 |
| OXYGEN-SHUTOFF | | AIR | .22P | | | | 65 | 2590 | 63454000 |
| OXYGEN-SHUTOFF. MANUALLY-OPERATED | | AIR | .72P | | | | 65 | 2590 | 63456000 |
| OXYGEN-SHUTOFF. OVERBOARD-DISCHARGE | | AIR | .31P | | | | 65 | 2590 | 63458000 |
| OXYGEN-SHUTOFF. PRESSURE-CLOSING | | AIR | .1P | | | | 65 | 2590 | 63460000 |
| OXYGEN-SHUTOFF. RELIEF.CONVERTER | | AIR | .05P | | | | 65 | 2590 | 63462000 |
| OXYGEN-SHUTOFF.CHECK | | AIR | .72P | | | | 65 | 2590 | 63464000 |
| OXYGEN-SHUTOFF.FILLER | | AIR | .1P | | | | 65 | 2590 | 63466000 |
| OXYGEN-SHUTOFF.FILLER | | AIR | .4P | | | | 65 | 2590 | 63468000 |
| OXYGEN-SHUTOFF-331C | OXYGEN.880 | AIR | 80P | | | | 65 | 2365 | 63470000 |
| OXYGEN-SO-331C | OXYGEN.707-1318 | AIR | 60P | | | | 66 | 2361 | 63472000 |
| OXYGEN-SO-331C | OXYGEN.707-3318 | AIR | 70P | | | | 66 | 2361 | 63474000 |
| OXYGEN-SO-331C | OXYGEN.707-131 | AIR | 110P | | | | 66 | 2361 | 63476000 |
| OXYGEN-SO-331C | OXYGEN-707-131 | AIR | 110P | | | | 66 | 2364 | 63478000 |
| OXYGEN-SO-331C | OXYGEN-707-131 | AIR | 140P | | | | 65 | 2364 | 63480000 |
| OXYGEN-SO-331C | OXYGEN-707-331 | AIR | 160P | | | | 66 | 2364 | 63482000 |
| OXYGEN-SO-331C | OXYGEN.727 | AIR | 180P | | | | 66 | 2360 | 63484000 |
| OXYGEN-SO-331C | OXYGEN.707-131 | AIR | 230P | | | | 66 | 2362 | 63486000 |
| PACK-DC-SO | AIR-CONDITIONING.727 | AIR | 120P | | | | 66 | 2363 | 63488000 |
| PACK-DC-SO | AIR-CONDITIONING.727 | AIR | 170P | | | | 65 | 2363 | 63490000 |
| PACK-DC-SO | AIR-CONDITIONING.727 | AIR | 1580P | | | | 66 | 2363 | 63492000 |
| PILOT | | AIR | 44.5859 | 64.1019 | 2880 | .314 | 61 | 1080 | 63494000 |
| PILOT | | AIR | 336.842 | 426.765 | | .059 | 63 | 2120 | 63496000 |
| PILOT | | GRD | 1369.86 | 3050.59 | 34 | .00219 | 62 | 1113 | 63498000 |
| PILOT.DUAL-FLOAT | SINGLE-POINT-REFUELING | AIR | 6 .2008 | 82.7969 | 200 | .299 | 63 | 1114 | 63500000 |
| PILOT.DUAL-FLOAT | SINGLE-POINT-REFUELING | AIR | 67.8226 | 84.8009 | 200 | .33912 | 63 | 1198 | 63502000 |
| PILOT.DUAL-FLOAT.SOLENOID-CONTROL | | AIR | 116.863 | 180.047 | | .08557 | 63 | 1123 | 63504000 |
| PILOT.FUEL.DUAL-SOLENOID-CONTROL | | AIR | 11.6863 | 18.0047 | | .8557 | 63 | 1123 | 63506000A |
| PILOT.FUEL.LEVEL-CONTROL/ACTUATED | | AIR | 153.139 | 407.526 | 80 | .01306 | 66 | 1240 | 63508000A |

PART CLASS 92E VALVES

| PART DESCRIPTION .00 N.O.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF REPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| PILOT-FLOAT-FUEL | FUEL.707.131B | AIR | 10P | | | | 66 | 2361 | 63510000 |
| PILOT-FLOAT-FUEL | FUEL.707.331B | AIR | 30P | | | | 66 | 2361 | 63512000 |
| PILOT-FLOAT-FUEL | FUEL.707-331B | AIR | 20P | | | | 66 | 2364 | 63514000 |
| PILOT-FLOAT-FUEL | FUEL.707-131 | AIR | 30P | | | | 66 | 2364 | 63516000 |
| PILOT-FLOAT-FUEL | FUEL.707-131B | AIR | 50P | | | | 66 | 2364 | 63518000 |
| PILOT-FLOAT-FUEL | FUEL.707-331 | AIR | 40P | | | | 66 | 2364 | 63520000 |
| PILOT-FLOAT-FUEL | FUEL.707-331 | AIR | 40P | | | | 66 | 2362 | 63522000 |
| PILOT-FLOAT-FUEL | FUEL.707.131 | AIR | 60P | | | | 66 | 2361 | 63524000 |
| PILOT-FLOAT-FUEL | FUEL.727 | AIR | 70P | | | | 66 | 2365 | 63526000 |
| PILOT-FLOAT-FUEL | FUEL.707.331 | AIR | 70P | | | | 66 | 2361 | 63528000 |
| PILOT-FLOAT-FUEL | FUEL.727 | AIR | 80P | | | | 66 | 2363 | 63530000 |
| PILOT-FLOAT-FUEL | FUEL.707-331 | AIR | 80P | | | | 66 | 2364 | 63532000 |
| PNEUMATIC-MOD-AND-SO | AIR-CONDITIONING.727 | AIR | 120P | | | | 66 | 2363 | 63534000 |
| PNEUMATIC-MOD-AND-SO | AIR-CONDITIONING.727 | AIR | 300P | | | | 66 | 2365 | 63536000 |
| PNEUMATIC-MOD-AND-SO | AIR-CONDITIONING.727 | AIR | 460P | | | | 65 | 2369 | 63538000 |
| PNEUMATIC-STARTER-SHUT-OFF | STARTING.707-331 | AIR | 130P | | | | 65 | 2361 | 63540000 |
| PNEUMATIC-STARTER-SHUT-OFF | STARTING.707-331 | AIR | 530P | | | | 66 | 2361 | 63542000 |
| PNEUMATIC-STARTER-SHUT-OFF | STARTING.707-131 | AIR | 390P | | | | 65 | 2361 | 63544000 |
| PNEUMATIC-STARTER-SHUT-OFF | STARTING-707-331 | AIR | 390P | | | | 65 | 2364 | 63546000 |
| PNEUMATIC-STARTER-SHUT-OFF | STARTING-707-131 | AIR | 460P | | | | 66 | 2364 | 63548000 |
| PNEUMATIC-STARTER-SHUT-OFF | STARTING.707-131 | AIR | 490P | | | | 66 | 2361 | 63550000 |
| PNEUMATIC-STARTER-SHUT-OFF | STARTING.707-331 | AIR | 590P | | | | 66 | 2361 | 63552000 |
| PNEUMATIC-STARTER-SHUT-OFF | STARTING-707-331 | AIR | 610P | | | | 66 | 2364 | 63554000 |
| PNEUMATIC-STARTER-SHUT-OFF | STARTING.707-131 | AIR | 680P | | | | 66 | 2361 | 63556000 |
| PNEUMATIC-STARTER-SHUT-OFF | STARTING-707-131 | AIR | 680P | | | | 65 | 2364 | 63558000 |
| PNEUMATIC-STARTER-SHUT-OFF | STARTING-707-331 | AIR | 700P | | | | 66 | 2364 | 63560000 |
| PNEUMATIC-STARTER-SHUTOFF | STARTING.707-331 | AIR | 590P | | | | 66 | 2364 | 63562000 |
| PNEUMATIC-STARTER-SHUTOFF | STARTING.707-131 | AIR | 620P | | | | 66 | 2362 | 63564000 |
| PNEUMATIC-STARTER-SHUTOFF | STARTING.707-131 | AIR | 680P | | | | 66 | 2362 | 63566000 |
| PNEUMATIC-STARTER-SHUTOFF | STARTING.707-331 | AIR | 690P | | | | 66 | 2362 | 63568000 |
| PNEUMATIC-STARTER-SHUTOFF | STARTING.707-131 | AIR | 770P | | | | 66 | 2362 | 63570000 |
| POPPET.PNEUMATIC-OVERRIDE | FUEL-DRAIN/FILL | AIR | 910P | | | | 65 | 2362 | 63572000 |
| POPPET.PNEUMATIC-OVERRIDE | LOX-DRAIN/FILL | GRD | 7142.85C | 13249.5C | 20 | .0007C | 65 | 2362 | 63514000 |
| POPPET.SPRING-LOADED.FUEL. SAFETY.OVER-PRESSURE | | GRD | 27393.3C | 33660C | 22 | .0015C | 66 | 1245 | 63576000 |
| PRE-COOLING | | GRD | * | 11513C | 18 | .0002C | 66 | 1245 | 63578000 |
| PRE-COOLING | | GRD | * | 11513CC | | .00002C | 66 | 1245 | 63580000 |
| PRE-COOLING | | GRD | 6566.66C | 25931.3C | | .00015C | 66 | 2MSI | 63582000 |
| PRECOOLING | | GRD | 8333.33C | 32414.1C | | .00012C | 66 | 2MSI | 63584000 |
| PRESS-AND-DRAIN | ENGINE.FUEL-AND-CONTROL.880 | GRD | 5000C | 19440.5C | 6 | .0002C | 66 | 2MSI | 63586000 |
| PRESS-AND-DRAIN | ENGINE-FUEL-AND-CONTROL.880 | AIR | 40P | | | | 66 | 1245 | 63588000 |
| PRESS-AND-DRAIN | ENGINE-FUEL-AND-CONTROL.880 | AIR | 40P | | | | 66 | 2363 | 63590000 |
| PRESS-AND-DRAIN | ENGINE.FUEL-AND-CONTROL.880 | AIR | 80P | | | | 66 | 2365 | 63592000 |
| | | AIR | 140P | | | | 66 | 2365 | 63594000 |
| | | | | | | | 65 | 2363 | 63596000 |

PART CLASS S2S VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| ..) N.U.C. | | | | | | | | | |
| PRESS-AND-DRAIN | ENGINE.FUEL-AND-CONTROL.88( | AIR | 19?P | | | | 66 | 2363 | 63598000 |
| PRESS-AND-DRAIN | ENGINE-FUEL-AND-CONTROL.88( | AIR | 20?P | | | | 65 | 2365 | 63600000 |
| PRESS-DIF-REG-LE-ANTI-ICE | ICE-AND-RAIN-PROTECTION.88( | AIR | 80P | | | | 66 | 2365 | 63602000 |
| PRESS-DIF-REG-LE-ANTI-ICE | ICE-AND-RAIN-PROTECTION.88C | AIR | 150P | | | | 65 | 2363 | 63604000 |
| PRESS-DIF-REG-LE-ANTI-ICE | ICE-AND-RAIN-PROTECTION.88( | AIR | 210P | | | | 66 | 2365 | 63606000 |
| PRESS-DIF-REG-LE-ANTI-ICE | ICE-AND-RAIN-PROTECTION.88( | AIR | 320P | | | | 66 | 2363 | 63608000 |
| PRESS-DIF-REG-LE-ANTI-ICE | ICE-AND-RAIN-PROTECTION.88( | AIR | 350P | | | | 65 | 2365 | 63610000 |
| PRESS-DIF-REG-LE-ANTI-ICE | ICE-AND-RAIN-PROTECTION.88C | AIR | 480P | | | | 66 | 2363 | 63612000 |
| PRESSURE | BREATHER.ENGINE-OIL-SYSTEM | AIR | * | 13.9975 | 304 | .1645 | 66 | 1250 | 63614000 |
| PRESSURE | COCKPIT-SAFETY-VENT | AIR | * | 460.52 | 60 | .005 | 61 | 1080 | 63616000 |
| PRESSURE | ENGINE.OIL-BREATHER | AIR | 11.4712 | 40.7298 | 248 | .0955 | 63 | 1111 | 63618000 |
| PRESSURE | | AIR | 29.7397 | 41.7315 | | .538 | 63 | 2113 | 63620000 |
| PRESSURE | OXYGEN-SYSTEM | AIR | 64.8268 | 109.01 | 63 | .10798 | 65 | 1155 | 63622000 |
| PRESSURE | | AIR | 73.6842 | 105.936 | | .190 | 63 | 2129 | 63624000 |
| PRESSURE | FUELING/TRANSFER | AIR | 78.7656 | 111.835 | 366 | .19039 | 64 | 1144 | 63626000A |
| PRESSURE | | AIR | 101.263 | 162.175 | | .055 | 63 | 2121 | 63628000 |
| PRESSURE | | AIR | 129.629 | 186.37 | | .108 | 63 | 2106 | 63630000 |
| PRESSURE | ENGINE.OIL-BREATHER | AIR | 236.363 | 344.69 | 320 | .055 | 61 | 1080 | 63632000A |
| PRESSURE CLOSING | OXYGEN-SUPPLY | AIR | * | 64.3054 | 93 | .03581 | 63 | 1111 | 63634000 |
| PRESSURE.AIR OUTFLOW | | AIR | 291.666 | 490.456 | 62 | .024 | 63 | 1111 | 63636000 |
| PRESSURE.AIR-DIFFERENTIAL | CABIN-SAFETY | AIR | 19.0505 | 40.1971 | | .1667 | 66 | 1241 | 63638000 |
| PRESSURE.BREATHER | ENGINE-OIL-SYSTEM | AIR | 4..453 | 80.8409 | 192 | .05888 | 65 | 1227 | 63640000 |
| PRESSURE.FUEL | | AIR | 28.1293 | 74.8565 | 126 | .0711 | 64 | 1144 | 63642000A |
| PRESSURE.LOW.SPRING-LOADED.COLD-GAS | | MSL | * | 10.1884C | | .226C | 62 | 1136 | 63644000 |
| PRESSURE.NORMAL-OPEN | MANIFOLD.DRAIN | AIR | 22.9357 | 33.4479 | 500 | .5668 | 66 | 1277 | 63646000 |
| PRESSURE.REDUCER | RUDDER.FLIGHT-CONTROLS | AIR | 7.15343 | 18.7702 | 75 | .20355 | 65 | 1195 | 63648000 |
| PRESSURE.REDUCER.OXYGEN | FIXED-SYSTEM | AIR | 338.831 | 38..350 | 150 | .38072 | 65 | 1198 | 63650000 |
| PRESSURE.REDUCER.OXYGEN | FIXED-SYSTEM | AIR | 426.415 | 482.566 | 306 | .265 | 63 | 1114 | 63652000 |
| PRESSURE.REDUCER.OXYGEN | FIXED-SYSTEM | AIR | 432.491 | 490.28 | 150 | .25434 | 63 | 1198 | 63654000 |
| PRESSURE.REDUCER.OXYGEN | FIXED-SYSTEM | AIR | 453.333 | 516.451 | 150 | .225 | 63 | 1114 | 63656000 |
| PRESSURE.REGULATING-CABIN | AIR-CONDITIONING-SYSTEM | AIR GND | 1178.45 | 1981.69 | | .00594 | 62 | 2320 | 63658000 |
| PRESSURE.RELIEF | | AIR | 31.5789 | 55.4321 | | .190 | 63 | 2121 | 63660000 |
| PRESSURE.RELIEF | | AIR SHP GRD | 5. | | | | 63 | 2L2 | 63662000 |
| PRESSURE-AND-DRAIN | ENGINE-FUEL-AND-CONTROL.88( | AIR | 11?P | | | | 66 | 2363 | 63664000 |
| PRESSURE-AND-DUMP | FUEL-SYSTEM | AIR | 20.2265 | 53.8258 | 192 | .09888 | 65 | 1227 | 63666000 |
| PRESSURE-AND-DUMP | FUEL-SYSTEM | AIR | 3..3951 | 56.3811 | 304 | .1645 | 66 | 1250 | 63668000 |
| PRESSURE-AND-DUMP-FUEL | ENGINE | AIR | 49.8107 | 92.3958 | | .10038 | 63 | 1123 | 63670000A |
| PRESSURE-AND-DUMP-FUEL | ENGINE | AIR | 55.5555 | 216.094 | 64 | .018 | 59 | 1110 | 63672000 |
| PRESSURE-AND-DUMP-FUEL | ENGINE | AIR | 89.2857 | 165.619 | | .056 | 61 | 1082 | 63674000 |
| PRESSURE-AND-DUMP-FUEL | ENGINE | AIR | 109.09 | 191.492 | 320 | .055 | 61 | 1080 | 63676000A |
| PRESSURE-CHECK | | AIR | 100P | | | | 65 | 2330 | 63678000 |
| PRESSURE-CLOSING.OXYGEN | FIXED-SYSTEM | AIR | 8.59328 | 33.4252 | 100 | .11637 | 65 | 1198 | 63680000 |
| PRESSURE-DUMP.AIR | CABIN | AIR | 39.996 | 79.9279 | | .10001 | 66 | 1241 | 63682000 |
| PRESSURE-REGULATOR-DUAL-SCHEDULE | AIR-CONDITIONING-SYSTEM | AIR GND | * | 193.824 | | .91188 | 62 | 2320 | 63684000 |

PART CLASS 925 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .CC N.O.C. | | | | | | | | | |
| PRESSURE-REGULATOR-DUAL-SCHEDULE | AIR-CONDITIONING-SYSTEM | AIR GND | 84.175 | 327.415 | | .01188 | 62 | 2320 | 63686000 |
| PRESSURE-RELIEF | HYDRAULIC-POWER.707.331 | AIR | 260P | | | | 66 | 2361 | 63688000 |
| PRESSURE-SEQUENCE | ARRESTING-GEAR | AIR | 20.1247 | 78.2793 | | .04969 | 63 | 1123 | 63690000A |
| PRESSURIZATION | | AIR SHP GRD | 2C | | | | 58 | 2L2 | 63692000 |
| PRESSURIZATION.CONTROL | | GRD | * | 10466.3C | | .00022C | 66 | 2MS1 | 63694000 |
| PRESSURIZATION.CONTROL | | GRD | 7278.16C | 8496.11C | | .01003C | 66 | 2MS1 | 63696000 |
| PRESSURIZING | FUEL-SYSTEM | AIR | * | 13.9975 | 304 | .1645 | 66 | 1250 | 63698000 |
| PRESSURIZING | OIL-TANK | AIR | * | 27.1885 | 180 | .08469 | 64 | 1144 | 63700000 |
| PRESSURIZING | FUEL-SYSTEM | AIR | * | 23.2868 | 192 | .09888 | 65 | 1227 | 63702000 |
| PRESSURIZING | OIL-TANK | AIR | 6.44496 | 14.3524 | 400 | .46548 | 65 | 1198 | 63704000 |
| PRESSURIZING | OIL-TANK | AIR | 45.3085 | 59.9911 | 200 | .50763 | 65 | 1198 | 63706000 |
| PRESSURIZING | OIL-TANK | AIR | 70.8215 | 92.6662 | 408 | .353 | 63 | 1114 | 63708000 |
| PRESSURIZING | OIL-TANK | AIR | 73.7202 | 96.459 | 200 | .33912 | 63 | 1198 | 63710000 |
| PRESSURIZING | OIL-TANK | AIR | 76.923 | 101.85 | 200 | .299 | 63 | 1114 | 63712000 |
| PRESSURIZING | H2O2-TANK | GRD | 6363.63C | 10700.8C | 35 | .0011C | 65 | 1171 | 63714000 |
| PRIMER | OIL-SYSTEM.GAS-TURBINE-COMPRESSOR.AUXILIARY-POWER-PLANT | AIR | 22.7372 | 60.4806 | 102 | .088 | 63 | 1114 | 63716000 |
| PRIMER | OIL-SYSTEM.GAS-TURBINE-COMPRESSOR.AUXILIARY-POWER-PLANT | AIR | 34.3731 | 68.6908 | 100 | .11637 | 65 | 1198 | 63718000 |
| PRIMER | OIL-SYSTEM.GAS-TURBINE-COMPRESSOR.AUXILIARY-POWER-PLANT | AIR | 39.3979 | 73.0809 | 50 | .12691 | 65 | 1198 | 63720000 |
| PRIMER | HYDRAULIC-POWER-SUPPLY | AIR | 47.1809 | 94.2857 | 50 | .08478 | 63 | 1198 | 63722000 |
| PRIMER | HYDRAULIC-POWER-SUPPLY | AIR | 53.3333 | 106.58 | 50 | .075 | 63 | 1114 | 63724000 |
| PRIMER | OIL-SYSTEM.GAS-TURBINE-COMPRESSOR.AUXILIARY-POWER-PLANT | AIR | 283.085 | 372.535 | 50 | .08478 | 63 | 1198 | 63726000 |
| PRIMER | OIL-SYSTEM.GAS-TURBINE-COMPRESSOR.AUXILIARY-POWER-PLANT | AIR | 293.333 | 360.936 | 50 | .075 | 63 | 1114 | 63728000 |
| PRIORITY | | LAB | 10.3 | | | | 63 | 1138 | 63730000 |
| PRIORITY | | | 10.3 | | | | 62 | 2D1 | 63732000 |
| PRIORITY | | AIR | 148 | | | | 57 | 2L1 | 63734000 |
| PRIORITY | HYDRAULIC-POWER-SUPPLY | AIR | 176.928 | 251.148 | 50 | .08478 | 63 | 1198 | 63736000 |
| PRIORITY | HYDRAULIC-POWER-SUPPLY | AIR | 186.666 | 268.373 | 50 | .075 | 63 | 1114 | 63738000 |
| PRIORITY | HYDRAULIC-SYSTEM | AIR | 920 | 1218.13 | 96 | .025 | 66 | 1225 | 63740000 |
| PURGE-CONTROL | | GRD | * | 2530.32C | | .00091C | 66 | 2MS1 | 63742000 |
| PURGE-LOX/SOX | | GRD | 1059.2C | 2816.03C | | .00189C | 66 | 2MS1 | 63744000 |
| PURGE/CHARGING-REFRIGERANT | | | .000347 | .001349 | | 2884.4 | 62 | 2239 | 63746000 |
| Q-SPRING-LOCKOUT | FLIGHT-CONTROLS | AIR | 120P | | | | 66 | 2361 | 63748000 |
| Q-SPRING-LOCKOUT | FLIGHT-CONTROLS | AIR | 130P | | | | 65 | 2361 | 63750000 |
| Q-SPRING-LOCKOUT | FLIGHT-CONTROLS.707-131B | AIR | 130P | | | | 66 | 2364 | 63752000 |
| Q-SPRING-LOCKOUT | FLIGHT-CONTROLS.707-131B | AIR | 160P | | | | 65 | 2362 | 63754000 |
| Q-SPRING-LOCKOUT | FLIGHT-CONTROLS | AIR | 260P | | | | 65 | 2361 | 63756000 |
| Q-SPRING-LOCKOUT | FLIGHT-CONTROLS.707-331 | AIR | 310P | | | | 66 | 2364 | 63758000 |
| Q-SPRING-LOCKOUT | FLIGHT-CONTROLS.707-331 | AIR | 310P | | | | 65 | 2364 | 63760000 |
| Q-SPRING-LOCKOUT | FLIGHT-CONTROLS.707-331 | AIR | 340P | | | | 66 | 2362 | 63762000 |

PART CLASS 925 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| Q-SPRING-LOCKOUT | FLIGHT-CONTROLS.707-131 | AIR | 550P | | | | 65 | 2364 | 63764000 |
| Q-SPRING-LOCKOUT | FLIGHT-CONTROLS.707-331 | AIR | 670P | | | | 66 | 2364 | 63766000 |
| RAIN-CLEAR | ICE-AND-RAIN-PROTECTION.880 | AIR | 160P | | | | 65 | 2360 | 63768000 |
| RAIN-CLEAR | ICE-AND-RAIN-PROTECTION.880 | AIR | 330P | | | | 66 | 2363 | 63770000 |
| RAINCLEAR | | AIR | 581.818 | 737.14 | 320 | .055 | 61 | 1080 | 63772000A |
| RAM-AIR | AIR-CONDITIONING-SYSTEM | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 63774000 |
| RAM-AIR | | AIR | 126.315 | 187.174 | | .095 | 63 | 2126 | 63776000 |
| RAM-AIR-PRESSURE | | AIR | 873.684 | 967.16 | | .190 | 63 | 2120 | 63778000 |
| RECIRCULATING | CONSTANT-SPEED-DRIVE-OIL-SYSTEM | AIR | * | 13.9975 | 304 | .1645 | 66 | 1250 | 63780000 |
| RECIRCULATING | CONSTANT-SPEED-DRIVE-OIL-SYSTEM | AIR | * | 23.2868 | 192 | .09888 | 65 | 1227 | 63782000 |
| RECIRCULATING | AIR-PR-REG.AIR-CONDITION.CARGO | AIR | 365.652 | 465.084 | 50 | .08478 | 63 | 1198 | 63784000 |
| RECIRCULATING | AIR-PR-REG.AIR-CONDITION.CARGO | AIR | 386.666 | 495.98 | 50 | .075 | 63 | 1114 | 63786000 |
| REDUCING | DOOR.HYDRAULIC.CARGO-RAMP | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 63788000 |
| REDUCING | DOOR.HYDRAULIC.CARGO-RAMP | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 63790000A |
| REDUCING.PRESSURE | AILERON-CONTROL-SYSTEM | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 63792000 |
| REDUCING.PRESSURE | AILERON-CONTROL-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 63794000 |
| REDUCING.PRESSURE | AILERON-SYSTEM | AIR | 17.1865 | 45.736 | 100 | .11637 | 65 | 1198 | 63796000 |
| REDUCING.PRESSURE | DOOR.HYDRAULIC.RAMP | AIR | 26.6666 | 70.964 | 50 | .075 | 63 | 1114 | 63798000 |
| REDUCING.PRESSURE | HYDRAULIC-POWER-SUPPLY | AIR | 58.9761 | 109.397 | 50 | .08478 | 63 | 1198 | 63800000 |
| REDUCING.PRESSURE | HYDRAULIC-POWER-SUPPLY | AIR | 66.6666 | 123.662 | 50 | .075 | 63 | 1114 | 63802000 |
| REFUEL | MAIN | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 63804000 |
| REFUEL | | AIR | 111.111 | 432.188 | 32 | .009 | 59 | 1110 | 63806000 |
| REFUEL | | AIR | 314.285 | 474.232 | 320 | .035 | 61 | 1080 | 63808000A |
| REFUEL-PILOT-DUAL | FUEL.880 | AIR | HOP | | | | 66 | 2360 | 63810000 |
| REFUEL-PRESSURE-REGULATOR | FUEL.EE. | AIR | 4 P | | | | 66 | 2360 | 63812000 |
| REFUEL-SHUT-OFF | FUEL.88 | AIR | 4 P | | | | 66 | 2365 | 63814000 |
| REGULATING | AIR-PRESSURE-SUPPLY-SYSTEM | AIR | * | 46.2219 | 124 | .04775 | 63 | 1111 | 63816000 |
| REGULATING | OIL-COOLER.ENGINE | AIR | 2.83286 | 11.0189 | 408 | .353 | 63 | 1114 | 63818000 |
| REGULATING | OIL-COOLER.ENGINE | AIR | 5.90981 | 13.1607 | 200 | .50763 | 65 | 1198 | 63820000 |
| REGULATING | | AIR SHP GRD | 1? | | | | 58 | 2L2 | 63822000 |
| REGULATING | | AIR SHP GRD | 16.3934 | 32.7604 | | .244 | 59 | 2L2 | 63824000 |
| REGULATING | OIL-COOLER.ENGINE | AIR | 17.1865 | 27.9167 | 400 | .46548 | 65 | 1198 | 63826000 |
| REGULATING | OIL-COOLER.ENGINE | AIR | 93.6454 | 120.668 | 200 | .299 | 63 | 1114 | 63828000 |
| REGULATING | OIL-COOLER.ENGINE | AIR | 94.3618 | 119.552 | 200 | .33912 | 63 | 1198 | 63830000 |
| REGULATING | ANTI-G-SUIT | AIR | 183.775 | 225.73 | 946 | .22854 | 65 | 1228 | 63832000 |
| REGULATING | ANTI-G-SUIT | AIR | 233.858 | 287.987 | 812 | .17532 | 64 | 1179 | 63834000 |
| REGULATING | AIR/SHUTOFF-HOT-BLEED-BYPASS | AIR | 4400 | 5864.05 | 60 | .005 | 61 | 1080 | 63836000A |
| REGULATING.AIR | PRESSURE-SUIT | AIR | 918.836 | 1612.87 | 43 | .00653 | 66 | 1240 | 63838000A |
| REGULATING.AIR-PRESSURIZATION | | AIR | 51.7241 | 90.7939 | | .116 | 59 | 1070 | 63840000 |
| REGULATING.AIR-FLOW | AIR-CONDITION.FLIGHT-DECK | AIR | 438.257 | 527.076 | 100 | .11637 | 65 | 1198 | 63842000 |
| REGULATING.AN-6538-2 | G-SUIT | AIR | 43.4782 | 76.3195 | | .138 | 59 | 1070 | 63844000 |
| REGULATING.AN-6538-3 | G-SUIT | AIR | 18.8679 | 50.2103 | | .106 | 59 | 1070 | 63846000 |
| REGULATING.ASPIRATOR | | AIR | 72.3641 | 97.8547 | | .27638 | 65 | 1196 | 63848000 |
| REGULATING.BLEED.AIR.SHUTOFF | CABIN | AIR | 1417.73 | 1582.7 | | .10016 | 66 | 1241 | 63850000 |

SECTION I FAILURE RATE DATA

PART CLASS 925 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .% N.U.C. | | | | | | | | | |
| REGULATING.BOOST | | AIR | 3030.3 | 8664.09 | 6 | .00066 | 62 | 1157 | 63852000 |
| REGULATING.FLOW | SUCTION-PUMP.NO-2-HYDRAULIC-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 63854000 |
| REGULATING.FLOW | SUCTION-PUMP.NO-2-HYDRAULIC-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 63856000 |
| REGULATING.POPPET.OIL-PRESSURE | LUBE-SYSTEM | AIR | 5.841 | 13.0075 | 528 | .51361 | 65 | 1201 | 63858000 |
| REGULATING.PRESSURE | FUEL-SYSTEM | AIR | * | 13.9975 | 304 | .1645 | 66 | 1250 | 63860000 |
| REGULATING.PRESSURE | OIL-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1253 | 63862000A |
| REGULATING.PRESSURE | FUEL-SYSTEM | AIR | * | 23.2868 | 192 | .09888 | 65 | 1227 | 63864000 |
| REGULATING.PRESSURE | OIL-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 63866000 |
| REGULATING.PRESSURE | | AIR | .501379 | 1.95021 | 1716 | 1.9945 | 65 | 1201 | 63868000 |
| REGULATING.PRESSURE | POWER-SECTION | AIR | 2.14832 | 8.35632 | 400 | .46548 | 65 | 1198 | 63870000 |
| REGULATING.PRESSURE | POWER-SECTION | AIR | 11.3314 | 22.6446 | 408 | .353 | 63 | 1114 | 63872000 |
| REGULATING.PRESSURE | POWER-SECTION | AIR | 11.8196 | 20.7475 | 200 | .50763 | 65 | 1198 | 63874000 |
| REGULATING.PRESSURE | POWER-SECTION | AIR | 26.5392 | 41.8907 | 200 | .33912 | 63 | 1196 | 63876000 |
| REGULATING.PRESSURE | POWER-SECTION | AIR | 31.1003 | 47.5117 | 200 | .299 | 63 | 1114 | 63878000 |
| REGULATING.PRESSURE | RAIN-REMOVAL-SYSTEM | AIR | 4 .453 | 107.651 | 96 | .04944 | 65 | 1227 | 63880000 |
| REGULATING.PRESSURE | RAIN-REMOVAL-SYSTEM | AIR | 97.2526 | 157.971 | 152 | .08226 | 66 | 1250 | 63882000A |
| REGULATING.PRESSURE | CONSTANT-SPEED-DRIVE | AIR | 285.714 | 440.19 | 320 | .035 | 61 | 1080 | 63884000A |
| REGULATING.PRESSURE | COCKPIT-AIR-MANIFOLD | AIR | 327.217 | 421.642 | | .08557 | 63 | 1123 | 63886000A |
| REGULATING.PRESSURE | POWER-UNIT | GRD | 5 6.329 | 1011.84 | | .0079 | 62 | 1135 | 63888000 |
| REGULATING.PRESSURE.NITROGEN | | GRD | 1290.32 | 3433.74 | 23 | .00155 | 63 | 1125 | 63890000 |
| REGULATING.PRESSURE.AIR | RESERVOIR | AIR | * | 40.3964 | | .057 | 61 | 1084 | 63892000 |
| REGULATING.PRESSURE.AIR | RESERVOIR | AIR | 28.5714 | 111.134 | | .035 | 61 | 1082 | 63894000 |
| REGULATING.PRESSURE.AIR | G-SUIT | AIR | 36.8098 | 64.6141 | | .163 | 61 | 1083 | 63896000 |
| REGULATING.PRESSURE.AIR | HYDRAULIC-RESERVOIR | AIR | 76.5696 | 297.833 | 86 | .01306 | 66 | 1240 | 63898000A |
| REGULATING.PRESSURE.AIR | CABIN | AIR | 128.834 | 172.909 | | .163 | 61 | 1083 | 63900000 |
| REGULATING.PRESSURE.AIR | CABIN | AIR | 142.857 | 555.671 | | .007 | 61 | 1082 | 63902000 |
| REGULATING.PRESSURE.AIR | COMPR-BLD-GOV | AIR | 142.857 | 232.048 | | .056 | 61 | 1082 | 63904000 |
| REGULATING.PRESSURE.AIR | RESERVOIR | AIR | 239.263 | 296.252 | | .163 | 61 | 1083 | 63906000 |
| REGULATING.PRESSURE.AIR | ANTI-G-SUIT | AIR | 1225.11 | 1719.11 | 86 | .01306 | 66 | 1240 | 63908000 |
| REGULATING.PRESSURE.COLD-AIR | AIR-CONDITION | AIR | 151.648 | 185.808 | 75 | .28355 | 65 | 1196 | 63910000 |
| REGULATING.PRESSURE.GAS | | GRD | 1834.86 | 4862.84 | 17 | .00109 | 62 | 1113 | 63912000 |
| REGULATING.PRESSURE.HELIUM | | GRD | 3225.8 | 5983.67 | 23 | .00155 | 63 | 1125 | 63914000 |
| REGULATING.PRESSURE.SPRING-LOADED | | AIR | * | 40.3964 | | .057 | 61 | 1084 | 63916000A |
| REGULATING.PRESSURE-AND-SHUTOFF | AIR-CONDITION | AIR | 199.68 | 270.016 | | .10016 | 66 | 1241 | 63918000 |
| REGULATING.PRESSURE-AND-SHUTOFF | ANTI-ICE.RAIN-REMOVAL | AIR | 459.418 | 1023.09 | 43 | .00653 | 66 | 1240 | 63920000A |
| REGULATING.PRESSURE-AND-SHUTOFF | DEFROST-WINDSHIELD-CANOPY | AIR | 612.557 | 1224.12 | 43 | .00653 | 66 | 1240 | 63922000A |
| REGULATING.PRESSURE-AND-SHUTOFF | AIRBLEED | AIR | 702.127 | 886.254 | 260 | .047 | 61 | 1080 | 63924000A |

PART CLASS 525 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | GROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .CO N.O.C. | | | | | | | | | |
| REGULATING.PRESSURE-AND-SHUTOFF | AIR-CONDITION | AIR | 2500 | 3133.68 | 60 | .014 | 61 | 1080 | 63926000 |
| REGULATING.PRESSURE-AND-SHUTOFF-HOT-AIR-BYPASS | | AIR | 2500 | 2912.15 | 260 | .03 | 61 | 1080 | 63928000A |
| REGULATING.PRESSURE-HIGH.BLEED-AIR | | AIR | 755.598 | 789.785 | 300 | 1.1342 | 65 | 1196 | 63930000 |
| REGULATING.TEMPERATURE | CONSTANT-SPEED-DRIVE.POWER-PLANT | AIR | 37.0421 | 60.169 | 126 | .21597 | 65 | 1155 | 63932000 |
| REGULATING.WATER-INJECTION | | AIR | 200.732 | 278.735 | 180 | .08469 | 64 | 1144 | 63934000 |
| REGULATING-AIR-FLOW | AIR-CONDITION.FLIGHT-DECK | AIR | 133.333 | 354.82 | 68 | .015 | 63 | 1114 | 63936000 |
| REGULATING-AIR-FLOW | AIR-CONDITION.FLIGHT-DECK | AIR | 261.363 | 346.06 | 102 | .088 | 63 | 1114 | 63938000 |
| REGULATING-AIR-FLOW | AIR-CONDITION.FLIGHT-DECK | AIR | 315.183 | 389.174 | 50 | .12691 | 65 | 1198 | 63940000 |
| REGULATING-AIR-FLOW | AIR-CONDITION.FLIGHT-DECK | AIR | 920.028 | 1068.45 | 50 | .08478 | 63 | 1198 | 63942000 |
| REGULATING-AIR-FLOW | AIR-CONDITION.CARGO-COMPARTMENT | AIR | 945.26 | 1071.56 | 100 | .11637 | 65 | 1198 | 63944000 |
| REGULATING-AIR-FLOW | AIR-CONDITION.FLIGHT-DECK | AIR | 946.666 | 1107.54 | 50 | .075 | 63 | 1114 | 63946000 |
| REGULATING-AIR-FLOW | AIR-CONDITION.CARGO-COMPARTMENT | AIR | 1300 | 1419.49 | 68 | .315 | 63 | 1114 | 63948000 |
| REGULATING-AIR-FLOW | AIR-CONDITION.CARGO-COMPARTMENT | AIR | 1486.19 | 1670.67 | 50 | .08478 | 63 | 1198 | 63950000 |
| REGULATING-AIR-FLOW | AIR-CONDITION.CARGO-COMPARTMENT | AIR | 1573.33 | 1779.68 | 30 | .075 | 63 | 1114 | 63952000 |
| REGULATING-AIR-FLOW | AIR-CONDITION.CARGO-COMPARTMENT | AIR | 1788.66 | 1950.61 | 50 | .12691 | 65 | 1198 | 63954000 |
| REGULATING-AIR-FLOW | AIR-CONDITION.CARGO-COMPARTMENT | AIR | 1875 | 2076.26 | 102 | .088 | 63 | 1114 | 63956000 |
| REGULATING-AND-REDUCING.PRESSURE.AIR | | AIR | 108.695 | 154.292 | | .138 | 59 | 1070 | 63958000 |
| REGULATING-AND-SHUTOFF | AIR-CONDITION | AIR | 510.638 | 671.99 | 260 | .047 | 61 | 1080 | 63960000A |
| REGULATING-AND-SHUTOFF.AIR | | AIR | 199.68 | 270.018 | | .10016 | 66 | 1241 | 63962000 |
| REGULATOR | ANTI-G-SUIT | AIR | 264.555 | 286.235 | 1194 | 1.0357 | 67 | 1272 | 63964000 |
| RELEASE.AIR | CANOPY.EMERGENCY | AIR | 16.2563 | 20.3769 | 1696 | 2.153 | 64 | 1266 | 63966000A |
| RELEASE.PRESSURE | DOOR.HYDRAULIC.RAMP | AIR | 23.5904 | 62.7777 | 50 | .08478 | 63 | 1198 | 63968000 |
| RELEASE.PRESSURE | DOOR.HYDRAULIC.RAMP | AIR | 26.6666 | 70.964 | 50 | .075 | 63 | 1114 | 63970000 |
| RELIEF | FILTER.FUEL-SYSTEM | AIR | * | 23.2868 | 192 | .09888 | 65 | 1227 | 63972000 |
| RELIEF | DOOR.HYDRAULIC.CARGO-RAMP | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 63974000 |
| RELIEF | CASE.DRAIN-PUMP.NO-2-HYDRAULIC-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 63976000 |
| RELIEF | PNEUMATIC-PRESSURE-SUPPLY | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 63978000 |
| RELIEF | GLYCOL-SYSTEM | AIR | * | 65.7885 | 320 | .035 | 61 | 1080 | 63980000A |
| RELIEF | | GRD | * | 1495.19 | 23 | .00154 | 63 | 1125 | 63982000 |
| RELIEF | CASE.CONSTANT-SPEED-DRIVE-OIL-SYSTEM | AIR | * | 23.2868 | 192 | .09888 | 65 | 1227 | 63984000 |
| RELIEF | CASE.DRAIN-PUMP.NO-1-HYDRAULIC-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 63986000 |
| RELIEF | EMERGENCY-EXTENSION.NOSE-LANDING-GEAR | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 63988000 |
| RELIEF | SPOILER/AIRBRAKE-CONTROL | AIR | * | 96.4641 | 62 | .02387 | 63 | 1111 | 63990000 |
| RELIEF | SCAVENGE.CONSTANT-SPEED-DRIVE-OIL-SYSTEM | AIR | * | 23.2868 | 192 | .09888 | 65 | 1227 | 63992000 |
| RELIEF | CASE.CONSTANT-SPEED-DRIVE-OIL-SYSTEM | AIR | * | 13.9975 | 904 | .1645 | 66 | 1250 | 63994000 |
| RELIEF | DOOR.HYDRAULIC.CARGO-RAMP | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 63996000 |
| RELIEF | EMERGENCY-EXTENSION.NOSE-LANDING-GEAR | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 63998000 |

PART CLASS 925 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .60 N.O.C. | | | | | | | | | |
| RELIEF | CASE-DRAIN-PUMP. NO-1-HYDRAULIC-SYSTEM | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 64000000A |
| RELIEF | CASE-DRAIN-PUMP. NO-2-HYDRAULIC-SYSTEM | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 64002000A |
| RELIEF | FILTER.FUEL-SYSTEM | AIR | * | 15.9975 | 304 | .1645 | 66 | 1250 | 64004000A |
| RELIEF | (STORAGE) | MSL | .002 | | | | 65 | 2440 | 64006000 |
| RELIEF | HYDRAULIC-POWER-SUPPLY | AIR | 1.57594 | 6.12995 | 250 | .63454 | 65 | 1198 | 64008000 |
| RELIEF | HYDRAULIC-POWER-SUPPLY | AIR | 2.26757 | 8.82018 | 510 | .441 | 63 | 1114 | 64010000 |
| RELIEF | | LAB | 5.7 | | | | 63 | 1138 | 64012000 |
| RELIEF | HYDRAULIC-POWER-SUPPLY | AIR | 6.87462 | 13.7381 | 500 | .58185 | 65 | 1198 | 64014000 |
| RELIEF | HYDRAULIC-SYSTEM | AIR | 9.2606 | 15.5722 | 441 | .75589 | 65 | 1155 | 64016000 |
| RELIEF | | AIR | 32.7 | | | | 57 | 2L1 | 64018000 |
| RELIEF | HYDRAULIC-POWER-SUPPLY | AIR | 40 | 63.1377 | 150 | .225 | 63 | 1114 | 64020000 |
| RELIEF | EXT-TANK-COMBINATION | AIR | 45.045 | 83.5558 | 640 | .111 | 61 | 1060 | 64022000 |
| RELIEF | BLEED-AIR-SYSTEM | AIR | 48.6263 | 97.1742 | 152 | .08226 | 66 | 1250 | 64024000A |
| RELIEF | ENGINE-FUEL-SYSTEM | AIR | 95.8901 | 153.897 | 384 | .10011 | 66 | 1225 | 64026000 |
| RELIEF | | AIR GND | 100 | | | | 61 | 2L2 | 64028000 |
| RELIEF | BLEED-AIR-SYSTEM | AIR | 101.132 | 137.595 | 96 | .04944 | 65 | 1227 | 64030000 |
| RELIEF | OIL-SYSTEM.ENGINE | AIR | 113.507 | 302.06 | 64 | .01762 | 65 | 1201 | 64032000 |
| RELIEF | AIR-CONDITIONING-SYSTEM | AIR | 120.481 | 468.638 | 32 | .0083 | 66 | 1225 | 64034000 |
| RELIEF | | AIR | 126.315 | 187.174 | | .095 | 63 | 2120 | 64036000 |
| RELIEF | | AIR | 141 | | | | 57 | 2L1 | 64038000 |
| RELIEF | | AIR GND | 141 | | | | 61 | 2L2 | 64040000 |
| RELIEF | CONSTANT-SPEED-DRIVE | AIR | 142.857 | 264.991 | 320 | .035 | 61 | 1080 | 64042000A |
| RELIEF | | AIR | 189.473 | 236.726 | | .190 | 63 | 2120 | 64044000 |
| RELIEF | HYDRAULIC-SYSTEM | AIR | 213.049 | 298.956 | 288 | .0751 | 66 | 1225 | 64046000 |
| RELIEF | CANOPY-SEAL | AIR | 272.727 | 387.134 | 320 | .055 | 61 | 1080 | 64048000 |
| RELIEF | | AIR | 300 | | | | 61 | 1068 | 64050000 |
| RELIEF | | AIR SHP GRD | 500 | | | | 58 | 2L2 | 64052000 |
| RELIEF | HYDRAULIC-POWER-CONTROL-SYSTEM | GRD | 869.565 | 2314.04 | | .0023 | 62 | 1135 | 64054000 |
| RELIEF. | TANK-VENT | AIR | 128.571 | 176.83 | 1280 | .14 | 61 | 1080 | 64056000 |
| RELIEF.AIR | OIL-SYSTEM.TURBOJET.J-85 | AIR | * | 22.6055 | 812 | .10186 | 64 | 1179 | 64058000 |
| RELIEF.AIR | PRESSURE-SUPPLY-SYSTEM | AIR | * | 48.2219 | 124 | .04775 | 63 | 1111 | 64060000 |
| RELIEF.AIR | OIL-SYSTEM.TURBOJET.J-85 | AIR | 13.1268 | 29.2325 | 946 | .22854 | 65 | 1228 | 64062000 |
| RELIEF.AIR | OVERBOARD-VENT.TURBOJET.J-85 | AIR | 17.5024 | 34.9765 | 946 | .22854 | 65 | 1228 | 64064000 |
| RELIEF.AIR | OVERBOARD-VENT.TURBOJET.J-85 | AIR | 68.7217 | 115.559 | 812 | .10186 | 64 | 1179 | 64066000 |
| RELIEF.AIR | | AIR | 73.6196 | 109.089 | | .163 | 61 | 1083 | 64068000 |
| RELIEF.AIR | | AIR | 95.238 | 190.322 | | .042 | 61 | 1082 | 64070000 |
| RELIEF.AIR | VACUUM/PRESSURE-CALIBRATION-RACK | GRD | 952.38 | 2534.42 | | .0021 | 62 | 1141 | 64072000 |
| RELIEF.BRINE | | LAB | * | .038374 | | 60.004 | 64 | 2239 | 64074000 |
| RELIEF.BYPASS | FUEL-FILTRATION | AIR | 8.7512 | 23.2882 | 946 | .22854 | 65 | 1228 | 64076000 |
| RELIEF.BYPASS | FUEL-FILTRATION | AIR | 12.5518 | 18.3044 | 1194 | 1.0357 | 67 | 1272 | 64078000 |
| RELIEF.BYPASS | FUEL-FILTRATION | AIR | 17.1115 | 38.1063 | 812 | .17532 | 64 | 1179 | 64080000 |
| RELIEF.CONSTANT-SPEED-DRIVE | ELECTRICAL-POWER.707-131 | AIR | 60P | | | | 66 | 2361 | 64082000 |
| RELIEF.CONSTANT-SPEED-DRIVE | ELECTRICAL-POWER.707-131 | AIR | 70P | | | | 65 | 2361 | 64084000 |

PART CLASS 525 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .CO N.O.C. | | | | | | | | | |
| RELIEF.CONSTANT-SPEED-DRIVE | ELECTRICAL-POWER.767-331 | AIR | 8CP | | | | 66 | 2364 | 64086000 |
| RELIEF.CONSTANT-SPEED-DRIVE | ELECTRICAL-POWER.707-131 | AIR | 17CP | | | | 66 | 2361 | 64088000 |
| RELIEF.CONSTANT-SPEED-DRIVE | ELECTRICAL-POWER.707-131 | AIR | 27.P | | | | 65 | 2364 | 64090000 |
| RELIEF.HAND-CONTROL. 500-5000PSI | | GRD | 369.685 | 983.789 | 21 | .00541 | 67 | 1276 | 64092000A |
| RELIEF.HELIUM | | LAB | * | | 2 | | 62 | 1085 | 64094000 |
| RELIEF.OXYGEN | CONVERTER.FIXED-SYSTEM | AIR | 4.29664 | 16.7126 | 200 | .23274 | 65 | 1198 | 64096000 |
| RELIEF.OXYGEN | | AIR | 469.401 | 508.525 | | .538 | 63 | 2112 | 64098000 |
| RELIEF.PNEUMATIC-OVERRIDE. LOX | | GRD | 7500C | 9869.85C | 30 | .0032C | 66 | 1245 | 64100000A |
| RELIEF.POPPET.SPRING-LOADED.LOX | | GRD | 7719.29C | 9435.52C | 23 | .0057C | 66 | 1245 | 64102000A |
| RELIEF.PRESSURE | NO-3-HYDRAULIC-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 64104000A |
| RELIEF.PRESSURE | FUEL-SYSTEM.AUXILIARY-POWER-UNIT | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 64106000 |
| RELIEF.PRESSURE | NO-1-HYDRAULIC-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 64108000A |
| RELIEF.PRESSURE | NO-2-HYDRAULIC-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 64110000A |
| RELIEF.PRESSURE | SCAVENGE.REDUCTION-GEAR.ENGINE-OIL | AIR | * | 4.94672 | 400 | .46548 | 65 | 1198 | 64112000 |
| RELIEF.PRESSURE | FUEL-SYSTEM-AUXILIARY-POWER-UNIT | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 64114000 |
| RELIEF.PRESSURE | SCAVENGE.REDUCTION-GEAR.ENGINE-OIL | AIR | * | 4.53598 | 200 | .50763 | 65 | 1198 | 64116000 |
| RELIEF.PRESSURE | SCAVENGE.REDUCTION-GEAR.ENGINE-OIL | AIR | * | 6.78992 | 200 | .33912 | 63 | 1198 | 64118000 |
| RELIEF.PRESSURE | NO-2-HYDRAULIC-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 64120000 |
| RELIEF.PRESSURE | FUEL-VENT-SYSTEM | AIR | * | 26.2673 | 406 | .08766 | 64 | 1179 | 64122000 |
| RELIEF.PRESSURE | OIL-SYSTEM.GAS-TURBINE-COMPRESSOR. AUXILIARY-POWER | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 64124000 |
| RELIEF.PRESSURE | OIL-SYSTEM.GAS-TURBINE-COMPRESSOR. AUXILIARY-POWER | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 64126000 |
| RELIEF.PRESSURE | RADOME.ANTI-ICE/DE-ICE | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 64128000 |
| RELIEF.PRESSURE | FUEL-VENT-SYSTEM | AIR | * | 26.1505 | 473 | .11427 | 65 | 1228 | 64130000 |
| RELIEF.PRESSURE | NO-3-HYDRAULIC-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 64132000 |
| RELIEF.PRESSURE | POWER-SECTION | AIR | * | 4.94672 | 400 | .46548 | 65 | 1193 | 64134000 |
| RELIEF.PRESSURE | NO-1-HYDRAULIC-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 64136000 |
| RELIEF.PRESSURE | REDUCTION-GEAR.ENGINE-OIL-SYSTEM | AIR | .501379 | 1.95021 | 1716 | 1.9945 | 65 | 1201 | 64138000 |
| RELIEF.PRESSURE | EQUIPMENT-COOLING | AIR | 1.93091 | 7.51066 | 597 | .51789 | 67 | 1272 | 64140000 |
| RELIEF.PRESSURE | POWER-SECTION | AIR | 2.9488 | 11.4699 | 200 | .33912 | 63 | 1198 | 64142000 |
| RELIEF.PRESSURE | REDUCTION-GEAR.ENGINE-OIL-SYSTEM | AIR | 2.9488 | 11.4699 | 200 | .33912 | 63 | 1198 | 64144000 |
| RELIEF.PRESSURE | OIL-SYSTEM.ENGINE | AIR | 3.00827 | 5.28057 | 1716 | 1.9945 | 65 | 1201 | 64146000 |
| RELIEF.PRESSURE | POWER-SECTION | AIR | 3.34448 | 13.009 | 200 | .299 | 63 | 1114 | 64148000 |
| RELIEF.PRESSURE | REDUCTION-GEAR.ENGINE-OIL-SYSTEM | AIR | 5.66572 | 15.0773 | 408 | .353 | 63 | 1114 | 64150000 |
| RELIEF.PRESSURE | POWER-SECTION | AIR | 5.66572 | 15.0773 | 408 | .353 | 63 | 1114 | 64152000 |
| RELIEF.PRESSURE | RADOME.ANTI-ICE/DE-ICE | AIR | 7.8796 | 30.6492 | 50 | .12691 | 65 | 1198 | 64154000 |
| RELIEF.PRESSURE | WATER-SEPARATOR.AIR-CONDITION. FLIGHT-DECK | AIR | 7.8796 | 30.6492 | 50 | .12691 | 65 | 1198 | 64156000 |
| RELIEF.PRESSURE | POWER-SECTION | AIR | 7.87975 | 15.7468 | 200 | .50763 | 65 | 1198 | 64158000 |
| RELIEF.PRESSURE | RADOME.ANTI-ICE/DE-ICE | AIR | 11.3636 | 44.2011 | 102 | .088 | 63 | 1114 | 64160000 |
| RELIEF.PRESSURE | ENGINE-OIL-SYSTEM | AIR | 12.158 | 32.3544 | 304 | .1645 | 66 | 1250 | 64162000 |

PART CLASS 925 VALVES

| PART DESCRIPTION .00 N.O.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| RELIEF.PRESSURE | AIR-BOTTLE | AIR | 12.5412 | 48.8594 | | .07961 | 63 | 1123 | 64164000A |
| RELIEF.PRESSURE | REDUCTION-GEAR.ENGINE-OIL-SYSTEM | AIR | 13.1877 | 24.4624 | 400 | .37914 | 65 | 1201 | 64165000 |
| RELIEF.PRESSURE | FUEL-SYSTEM-AUXILIARY-POWER-UNIT | AIR | 16.129 | 62.737 | 272 | .062 | 63 | 1114 | 64168000 |
| RELIEF.PRESSURE | EQUIPMENT-COOLING | AIR | 16.9971 | 29.8359 | 408 | .353 | 63 | 1114 | 64170000 |
| RELIEF.PRESSURE | REDUCTION-GEAR.ENGINE-OIL-SYSTEM | AIR | 17.5024 | 46.5765 | 473 | .11427 | 65 | 1228 | 64172000 |
| RELIEF.PRESSURE | LANDING-GEAR.MAIN | AIR | 19.3348 | 30.519 | 400 | .46548 | 65 | 1198 | 64174000 |
| RELIEF.PRESSURE | REDUCTION-GEAR.ENGINE-OIL-SYSTEM-TURBOPROP.T-56-A7 | AIR | 20.9424 | 81.4594 | 124 | .04777 | 63 | 1111 | 64176000 |
| RELIEF.PRESSURE | FUEL-SYSTEM-AUXILIARY-POWER-UNIT | AIR | 21.4098 | 42.7828 | 481 | .18684 | 65 | 1192 | 64178000 |
| RELIEF.PRESSURE | EQUIPMENT-COOLING | AIR | 21.6693 | 32.6973 | 200 | .50763 | 65 | 1198 | 64180000 |
| RELIEF.PRESSURE | RADOME.ANTI-ICE/DE-ICE | AIR | 22.8154 | 60.7152 | 406 | .08766 | 64 | 1179 | 64182000 |
| RELIEF.PRESSURE | RADOME.ANTI-ICE/DE-ICE | AIR | 23.5904 | 62.7777 | 50 | .08478 | 63 | 1198 | 64184000 |
| RELIEF.PRESSURE | REDUCTION-GEAR.ENGINE-OIL-SYSTEM | AIR | 26.6666 | 70.964 | 50 | .075 | 63 | 1114 | 64186000 |
| RELIEF.PRESSURE | FUEL-SYSTEM | AIR | 27.5791 | 39.6509 | 200 | .50763 | 65 | 1198 | 64188000 |
| RELIEF.PRESSURE | HYDRAULIC-THERM-VENT | AIR | 27.9281 | 40.7277 | 400 | .46548 | 65 | 1198 | 64190000 |
| RELIEF.PRESSURE | OIL-SYSTEM.GAS-TURBINE-COMPRESSOR.AUXILIARY-POWER | AIR | 36.036 | 72.0139 | 640 | .111 | 61 | 1080 | 64192000A |
| RELIEF.PRESSURE | CABIN.AIR-CONDITION | AIR | 47.1809 | 94.2857 | 50 | .08478 | 63 | 1198 | 64194000 |
| RELIEF.PRESSURE | OIL-SYSTEM.GAS-TURBINE-COMPRESSOR.AUXILIARY-POWER | AIR | 51.1373 | 65.5942 | 150 | .3671 | 65 | 1196 | 64196000 |
| RELIEF.PRESSURE | HYDRAULIC-BRAKE | AIR | 53.3333 | 106.58 | 50 | .075 | 63 | 1114 | 64198000 |
| RELIEF.PRESSURE | ENGINE-OIL-SYSTEM | AIR | 55.5555 | 216.094 | 54 | .018 | 59 | 1170 | 64200000 |
| RELIEF.PRESSURE | OIL-SYSTEM.ENGINE | AIR | 70.7928 | 119.042 | 192 | .09848 | 65 | 1227 | 64202000 |
| RELIEF.PRESSURE | OIL-SYSTEM.ENGINE | AIR | 113.50* | 302.06 | 64 | .01762 | 65 | 1201 | 64204000 |
| RELIEF.PRESSURE | | AIR | 115.183 | 173.802 | 248 | .0955 | 63 | 1111 | 64206000 |
| RELIEF.PRESSURE | WATER-SEPARATOR.AIR-CONDITION.FLIGHT-DECK | AIR | 266.666 | 343.618 | 1200 | .105 | 61 | 1080 | 64208000 |
| RELIEF.PRESSURE | WATER-SEPARATOR.AIR-CONDITION.FLIGHT-DECK | AIR | 318.471 | 412.352 | 50 | .08478 | 63 | 1198 | 64210000 |
| RELIEF.PRESSURE | | AIR | 346.666 | 451.152 | 50 | .075 | 63 | 1114 | 64212000 |
| RELIEF.PRESSURE | | AIR | 375 | 591.986 | 62 | .024 | 63 | 1111 | 64214000 |
| RELIEF.PRESSURE.BLEED-AIR | | GRD | 457.815 | 769.943 | 10 | .01529 | 65 | 1189 | 64216000A |
| RELIEF.PRESSURE.EMERGENCY | | AIR | 695.644 | 728.467 | 300 | 1.1342 | 65 | 1196 | 64218000 |
| RELIEF.PRESSURE.HIGH | OXYGEN-SUPPLY | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 64220000 |
| RELIEF.PRESSURE.H2O2 | | AIR | * | 64.3004 | 93 | .03581 | 63 | 1111 | 64222000 |
| RELIEF.PRESSURE.H2O2 | | GRD | * | 230260 | | .00016 | 64 | 1171 | 64224.00 |
| RELIEF.PRESSURE.LOW | OXYGEN-SUPPLY | GRD | * | 230260 | | .00016 | 64 | 1171 | 64226000 |
| RELIEF.PRESSURE.NEG | AIR-CONDITION | AIR | * | 64.3004 | 93 | .03581 | 63 | 1111 | 64228000 |
| RELIEF.PRESSURE.NEG | REFUELING-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 64230000 |
| RELIEF.PRESSURE.NEG | RESERVOIR.OIL-SYSTEM.TURBOJET.J85 | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 64232000 |
| RELIEF.PRESSURE.NEGATIVE | AIR-CONDITION | AIR | 4.3756 | 7.0197 | 946 | .22854 | 65 | 1228 | 64234000 |
| RELIEF.PRESSURE.OXYGEN | | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 64236000A |
| RELIEF.PRESSURE.THERMAL | WINGFOLD | AIR | 9.43396 | 36.6952 | | .106 | 59 | 1070 | 64238000 |
| RELIEF.PRESSURE.VENT | WATER-SEPARATOR.AIR-CONDITION.CARGO | AIR | 70.4437 | 118.455 | | .09937 | 63 | 1123 | 64240000 |
| | | AIR | * | 15.7868 | 100 | .11637 | 65 | 1198 | 64242000 |

SECTION I FAILURE RATE DATA

PART CLASS 525 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| ... N.O.C. | | | | | | | | | |
| RELIEF.PRESSURE.VENT | WATER-SEPARATOR.AIR-CONDITION.CARGO | AIR | 11.3636 | 44.2011 | 102 | .088 | 63 | 1114 | 64244000 |
| RELIEF.PRESSURE.VENT | WATER-SEPARATOR.AIR-CONDITION.CARGO | AIR | 23.6387 | 52.642 | 50 | .12691 | 63 | 1198 | 64246000 |
| RELIEF.PRESSURE.VENT | | AIR | 38.0952 | 76.129 | 960 | .105 | 61 | 1080 | 64248000A |
| RELIEF.PRESSURE.VENT | WATER-SEPARATOR.AIR-CONDITION.CARGO | AIR | 247.699 | 332.44 | 50 | .08478 | 63 | 1198 | 64250000 |
| RELIEF.PRESSURE.VENT | WATER-SEPARATOR.AIR-CONDITION.CARGO | AIR | 253.333 | 345.367 | 50 | .079 | 63 | 1114 | 64252000 |
| RELIEF.PRESSURE.354PSIG | ATTITUDE-CONTROL | GRD | * | 1545.36 | 22 | .00149 | 65 | 1171 | 64254000 |
| RELIEF.PRESSURE/VACUUM | CABIN | AIR | * | 30.1515 | 473 | .11427 | 65 | 1228 | 64256000 |
| RELIEF.PRESSURE/VACUUM | CABIN | AIR | 11.4077 | 44.3725 | 406 | .08766 | 64 | 1179 | 64258000 |
| RELIEF.PRESSURE/VACUUM | FUEL-CELL | AIR | 66.4231 | 89.8209 | | .3011 | 66 | 1263 | 64260000 |
| RELIEF.REFRIGERANT | | | 1.3 | | | | 62 | 2239 | 64262000 |
| RELIEF.SCAVENGE | CONSTANT-SPEED-DRIVE-OIL-SYSTEM | AIR | * | 13.9975 | 304 | .1645 | 66 | 1250 | 64264000 |
| RELIEF.SNCTION | CAMERA-VACUUM-SYSTEM | AIR | * | 110.224 | 100 | .02089 | 63 | 1198 | 64266000 |
| RELIEF.SPRING-LOADED | | AIR | 2.04499 | 5.44202 | | .978 | 61 | 1083 | 64268000 |
| RELIEF.SPRING-LOADED | | AIR | 15.6754 | 24.7491 | | .574 | 61 | 1084 | 64270000 |
| RELIEF.SPRING-LOADED | | AIR | 28.5714 | 76.0328 | | .07 | 61 | 1082 | 64272000 |
| RELIEF.SUCTION | VACUUM-LINE | AIR | * | 152.847 | 31 | .01194 | 63 | 1111 | 64274000 |
| RELIEF.THERMAL | REFUELING-SYSTEM | AIR | * | 21.4334 | 279 | .10743 | 63 | 1111 | 64276000 |
| RELIEF.THERMAL | WING-FLAP-SYSTEM | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 64278000 |
| RELIEF.THERMAL | FUEL-SYSTEM | AIR | * | 152.847 | 31 | .01194 | 63 | 1111 | 64280000 |
| RELIEF.THERMAL | PRESSURE-REFUELING-SYSTEM | AIR | * | 30.1515 | 473 | .11427 | 65 | 1228 | 64282000 |
| RELIEF.THERMAL | PRESSURE-REFUELING-SYSTEM | AIR | 7.72364 | 15.4348 | 597 | .51789 | 67 | 1272 | 64284000 |
| RELIEF.THERMAL | PRESSURE-REFUELING-SYSTEM | AIR | 11.4077 | 44.3725 | 406 | .08766 | 64 | 1179 | 64286000 |
| RELIEF.THERMAL | LANDING-GEAR.MAIN | AIR | 20.9424 | 55.7308 | 248 | .0955 | 63 | 1111 | 64288000 |
| RELIEF.VACUUM | OIL-TANK/SUMP | AIR | 76.5696 | 297.833 | 86 | .01306 | 66 | 1240 | 64290000A |
| RELIEF.VACUUM | FUEL-CELL | AIR | 82.9687 | 125.193 | | .13258 | 66 | 1241 | 64292000 |
| RELIEF-AIR-PRESSURE | AIR-CONDITIONING-SYSTEM | AIR GND | 168.35 | 654.831 | | .09594 | 62 | 2320 | 64294000 |
| RELIEF-AND-CHECK | (STORAGE) | | .002 | | | | 66 | 2361 | 64296000 |
| RELIEF-SKYDROL-AUXILIARY | HYDRAULIC-POWER.7 7.331 | AIR | 4?P | | | | 66 | 2361 | 64298000 |
| RELIEF-SKYDROL-AUXILIARY | HYDRAULIC-POWER.7 7.3318 | AIR | 6?P | | | | 66 | 2364 | 64300000 |
| RELIEF-SKYDROL-AUXILIARY | HYDRAULIC-POWER.7.7.3318 | AIR | 7?P | | | | 66 | 2361 | 64302000 |
| RELIEF-SKYDROL-AUXILIARY | HYDRAULIC-POWER.707.131 | AIR | 9?P | | | | 66 | 2361 | 64304000 |
| RELIEF-SKYDROL-AUXILIARY | HYDRAULIC-POWER.707.1318 | AIR | 9?P | | | | 66 | 2361 | 64306000 |
| RELIEF-SKYDROL-AUXILIARY | HYDRAULIC-POWER.707-331 | AIR | 10?P | | | | 66 | 2361 | 64308000 |
| RELIEF-SKYDROL-AUXILIARY | HYDRAULIC-POWER.707-331 | AIR | 11?P | | | | 66 | 2364 | 64310000 |
| RELIEF-SKYDROL-AUXILIARY | HYDRAULIC-POWER.727-131 | AIR | 13?P | | | | 66 | 2364 | 64312000 |
| RELIEF-SKYDROL-AUXILIARY | HYDRAULIC-POWER.707.331 | AIR | 35?P | | | | 66 | 2361 | 64314000 |
| RELIEF-SKYDROL-AUXILIARY | HYDRAULIC-POWER.707-131 | AIR | 45?P | | | | 66 | 2364 | 64316000 |
| RELIEF/REGULATOR | EQUIPMENT-COOLING | AIR | 7.72364 | 15.4348 | 597 | .51789 | 67 | 1272 | 64318000 |
| RELIEF/REGULATOR | EQUIPMENT-COOLING | AIR | 8.7512 | 34.0395 | 473 | .11427 | 65 | 1228 | 64320000 |
| RELIEF/REGULATOR | EQUIPMENT-COOLING | AIR | 34.2231 | 76.2126 | 406 | .08766 | 64 | 1179 | 64322000 |
| RELIEF/REGULATOR | HYDRAULIC-RESERVOIR | AIR | 54.0655 | 69.6672 | 597 | .51789 | 67 | 1272 | 64324000 |
| RELIEF/REGULATOR | HYDRAULIC-RESERVOIR | AIR | 68.4462 | 120.147 | 406 | .08766 | 64 | 1179 | 64326000 |
| RELIEF/REGULATOR | HYDRAULIC-RESERVOIR | AIR | 87.512 | 134.826 | 473 | .11427 | 65 | 1228 | 64328000 |
| RELIEF/SHUTOFF.LIQUID-HYDROGEN | | GRD | 3488.37 | 6123.31 | 39 | .00172 | 65 | 1171 | 64330000 |

SECTION I FAILURE RATE DATA

PART CLASS 925 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF APPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| RESERVOIR.PRESSURE | | AIR SHP GRD | 20 | | | | 58 | 2L2 | 64332000 |
| RESERVOIR-FILL | | GRD | 1CR | 38.897R | 2 | .1R | 64 | 1134 | 64334000 |
| RESTRICTER-NO-VARIABLE | LANDING-GEAR.727 | AIR | 340P | | | | 65 | 2363 | 64336000 |
| RESTRICTOR | PUMP-COOLING.NO-1-HYDRAULIC-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 64338000A |
| RESTRICTOR | PUMP-COOLING.NO-2-HYDRAULIC-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 64340000A |
| RESTRICTOR | HYDRAULIC-POWER-SUPPLY | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 64342000 |
| RESTRICTOR | LANDING-GEAR.MAIN | AIR | * | 9.89344 | 200 | .23274 | 65 | 1198 | 64344000 |
| RESTRICTOR | LANDING-GEAR.MAIN | AIR | * | 4.53598 | 200 | .50763 | 65 | 1198 | 64346000 |
| RESTRICTOR | PUMP-COOLING.NO-2-HYDRAULIC-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 64348000 |
| RESTRICTOR | PUMP-COOLING.NO-1-HYDRAULIC-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 64350000 |
| RESTRICTOR | DOOR.HYDRAULIC.FORWARD-CARGO | AIR | * | 116 | 100 | .01985 | 65 | 1198 | 64352000 |
| RESTRICTOR | DOOR.HYDRAULIC.FORWARD-CARGO | AIR | 7.8796 | 30.6492 | 50 | .12691 | 65 | 1198 | 64354000 |
| RESTRICTOR | DOOR.HYDRAULIC.FORWARD-CARGO | AIR | 11.7952 | 45.8799 | 50 | .08478 | 63 | 1198 | 64356000 |
| RESTRICTOR | DOOR.HYDRAULIC.FORWARD-CARGO | AIR | 13.3333 | 51.8626 | 50 | .075 | 63 | 1114 | 64358000 |
| RESTRICTOR | HYDRAULIC-POWER-SUPPLY | AIR | 15.0943 | 30.1643 | 306 | .265 | 63 | 1114 | 64360000 |
| RESTRICTOR | HYDRAULIC-POWER-SUPPLY | AIR | 15.5202 | 26.3074 | 950 | 1.6108 | 63 | 1198 | 64362000 |
| RESTRICTOR | HYDRAULIC-POWER-SUPPLY | AIR | 15.7596 | 27.6636 | 150 | .38072 | 65 | 1198 | 64364000 |
| RESTRICTOR | HYDRAULIC-POWER-SUPPLY | AIR | 16.8657 | 22.195 | 950 | 1.423 | 63 | 1114 | 64366000 |
| RESTRICTOR | | AIR SHP GRD | 20 | | | | 58 | 2L2 | 64368000 |
| RESTRICTOR.AIR | | AIR | * | 14.1263 | | .163 | 61 | 1083 | 64370000 |
| RESTRICTOR.AIR | | AIR | 571.428 | 1141.93 | | .007 | 61 | 1082 | 64372000 |
| RESTRICTOR.HYDRAULIC | HYDRAULIC-POWER.707-1318 | AIR | 13CP | | | | 66 | 2364 | 64374000 |
| RESTRICTOR.HYDRAULIC | HYDRAULIC-POWER.707-1318 | AIR | 130P | | | | 66 | 2364 | 64376000 |
| RESTRICTOR.SPRING-LOADED | | AIR | * | 82.2357 | | .028 | 61 | 1082 | 64378000 |
| RESTRICTOR.SPRING-LOADED | | AIR | * | 4.70879 | | .489 | 61 | 1083 | 64380000 |
| RESTRICTOR.SPRING-LOADED | | AIR | 3.48432 | 9.2723 | | .574 | 61 | 1084 | 64382000 |
| RESTRICTOR.TWO-WAY | HYDRAULIC-POWER.707-331 | AIR | 50P | | | | 66 | 2364 | 64384000 |
| RESTRICTORS | HYDRAULIC.LANDING-GEAR | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 64386000A |
| RESTRICTORS | EXTENSION.EMERGENCY. NOSE-LANDING-GEAR | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 64388000 |
| RESTRICTORS | DOOR.HYDRAULIC.PETAL | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 64390000A |
| RESTRICTORS | WING-SPOILER-SYSTEM | AIR | * | 13.9975 | 304 | .1645 | 66 | 1250 | 64392000 |
| RESTRICTORS | DOOR.HYDRAULIC.PETAL | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 64394000 |
| RESTRICTORS | WING-SPOILER-SYSTEM | AIR | * | 23.2868 | 192 | .09888 | 65 | 1227 | 64396000 |
| RESTRICTORS | | LAB | .59 | | | | 63 | 1138 | 64398000 |
| RESTRICTORS | | AIR | 19.75 | | | | 57 | 2L1 | 64400000 |
| RESTRICTORS | TURRET-PNEUMATIC-SYSTEM | AIR | 583.333 | 986.908 | 31 | .012 | 63 | 1111 | 64402000 |
| RESTRICTORS. TWO-WAY-FILTERED | HYDRAULIC-POWER.707.131 | AIR | 260P | | | | 65 | 2361 | 64404000 |
| RESTRICTORS.ANTI-SKID | BRAKE.HYDRAULIC.LANDING-GEAR | AIR | * | 9.89344 | 200 | .23274 | 65 | 1198 | 64406000 |
| RESTRICTORS.EXTENSION. EMERGENCY | NOSE-LANDING-GEAR | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 64408000 |
| RESTRICTORS.FLOW-ADJUSTMENT | AIR-CONDITIONING | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 64410000 |
| RESTRICTORS.HYDRAULIC | LANDING-GEAR | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 64412000 |
| RESTRICTORS.HYDRAULIC | WING-FLAP-SYSTEM | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 64414000 |

SECTION I FAILURE RATE DATA

PART CLASS 525 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| RESTRICTORS.HYDRAULIC | LANDING-GEAR.MAIN | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 64416000 |
| RESTRICTORS.HYDRAULIC | WING-FLAP-SYSTEM | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 64418000 |
| RESTRICTORS.HYDRAULIC | WING-FLAP-SYSTEM | AIR | * | 13.5798 | 100 | .16956 | 63 | 1198 | 64420000 |
| RESTRICTORS.HYDRAULIC | LANDING-GEAR.MAIN | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 64422000A |
| RESTRICTORS.HYDRAULIC | SPEED-BRAKE.FLIGHT-CONTROL | AIR | 3.86182 | 10.2768 | 597 | .51789 | 67 | 1272 | 64424000 |
| RESTRICTORS.PNEUMATIC. 2-WAY.450PSI | CANOPY | AIR | 76.5696 | 297.833 | 86 | .01306 | 66 | 1240 | 64426000A |
| RESTRICTORS.TWO-WAY | HYDRAULIC-POWER.707.131 | AIR | 40P | | | | 66 | 2361 | 64428000 |
| RESTRICTORS.TWO-WAY | HYDRAULIC-POWER.707.131 | AIR | 40P | | | | 66 | 2361 | 64430000 |
| RESTRICTORS.2-WAY | PNEUMATIC-LAND-GR.EMERGENCY | AIR | 4.34103 | 16.8853 | | .23036 | 66 | 1241 | 64432000 |
| RUDDER-PRESSURE | FLIGHT-CONTROLS.707.136 | AIR | 110P | | | | 66 | 2361 | 64434000 |
| RUDDER-PRESSURE | FLIGHT-CONTROLS.707-131 | AIR | 110P | | | | 66 | 2364 | 64436000 |
| RUDDER-PRESSURE | FLIGHT-CONTROLS.707-331 | AIR | 160P | | | | 66 | 2364 | 64438000 |
| RUDDER-PRESSURE | FLIGHT-CONTROLS.707-131 | AIR | 230P | | | | 66 | 2364 | 64440000 |
| RUDDER-PRESSURE | FLIGHT-CONTROLS.707-131 | AIR | 340P | | | | 66 | 2362 | 64442000 |
| S/D-RAIN-REPELLANT | ICE-AND-RAIN-PROTECTION.727 | AIR | 150P | | | | 66 | 2365 | 64444000 |
| SAFETY | | GRD | * | 460520 | | .00005C | 66 | 2MS1 | 64446000 |
| SAFETY | | AIR | 14.2857 | 55.5671 | 640 | .07 | 61 | 1080 | 64448000 |
| SAFETY | AIR-CONTROL.COCKPIT | AIR | 600 | 757.344 | 320 | .055 | 61 | 1080 | 64450000 |
| SAFETY | AIR-CONDITIONING-SYSTEM | AIR | 694.736 | 817.689 | 76 | .095 | 64 | 1266 | 64452000A |
| SAFETY | AIR-CONDITIONING-SYSTEM | AIR | 722.891 | 1268.92 | 32 | .0083 | 66 | 1225 | 64454000 |
| SAFETY.PRESSURIZATION | AIR-CONDITIONER | AIR | 56.8181 | 109.394 | 102 | .088 | 63 | 1114 | 64456000 |
| SAFETY.PRESSURIZATION | AIR-CONDITIONER | AIR | 94.526 | 142.632 | 100 | .11637 | 65 | 1198 | 64458000 |
| SAFETY.PRESSURIZATION | AIR-CONDITIONER | AIR | 94.5551 | 140.111 | 50 | .12691 | 65 | 1198 | 64460000 |
| SAFETY.PRESSURIZATION | CABIN | AIR | 110.061 | 131.203 | 597 | .51789 | 67 | 1272 | 64462000 |
| SAFETY.PRESSURIZATION | CABIN | AIR | 113.765 | 165.904 | 473 | .11427 | 65 | 1228 | 64464000 |
| SAFETY.PRESSURIZATION | CABIN | AIR | 125.484 | 189.346 | 406 | .08766 | 64 | 1179 | 64466000 |
| SAFETY.PRESSURIZATION | AIR-CONDITIONER | AIR | 530.785 | 647.298 | 50 | .08478 | 63 | 1198 | 64468000 |
| SAFETY.PRESSURIZATION | AIR-CONDITIONER | AIR | 573.333 | 702.48 | 50 | .075 | 63 | 1114 | 64470000 |
| SAFETY.WATER | | | .05 | .087768 | | 120.0 | 62 | 2239 | 64472000 |
| SEL-RAIN-REPELLANT | ICE-AND-RAIN-PROTECTION.707-131B | AIR | 130P | | | | 66 | 2364 | 64474000 |
| SELECTOR | AIR-COOLING | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 64476000 |
| SELECTOR | FUEL-DUMP-SEAL | AIR | * | 67.426 | | .03415 | 63 | 1123 | 64478000 |
| SELECTOR | ENGINE-IDLE-THRUST | AIR | * | 65.7885 | 320 | .035 | 61 | 1080 | 64480000A |
| SELECTOR | FUEL-SYSTEM | AIR | 14.1068 | 19.795 | 300 | 1.1342 | 65 | 1196 | 64482000 |
| SELECTOR | | LAB | 16 | | | | 63 | 1138 | 64484000 |
| SELECTOR | | AIR | 21.0526 | 42.0713 | | .190 | 63 | 2121 | 64486000 |
| SELECTOR | ARRESTING-HOOK-SYSTEM | AIR | 27.7829 | 61.8707 | 63 | .10798 | 65 | 1155 | 64488000 |
| SELECTOR | HYDRAULIC-SYSTEM | AIR | 31.7404 | 50.1005 | 75 | .28355 | 65 | 1196 | 64490000 |
| SELECTOR | WINGFOLD-CONTROL | AIR | 35.059 | 78.074 | | .08557 | 63 | 1123 | 64492000A |
| SELECTOR | WINGFOLD.FLIGHT-CONTROL-SYSTEM | AIR | 50.933 | 76.8539 | 126 | .21597 | 64 | 1155 | 64494000 |
| SELECTOR | CANOPY-SEAL | AIR | 54.054 | 94.8837 | 320 | .111 | 61 | 1180 | 64496000 |
| SELECTOR | ARRESTING-HOOK | AIR | 59.5355 | 97.5194 | | .108 | 63 | 2104 | 64498000 |
| SELECTOR | OXYGEN.880 | AIR | 70P | | | | 66 | 2360 | 64500000 |
| SELECTOR | DOOR.HYDRAULIC.FORWARD-CARGO | AIR | 70.7714 | 124.228 | 50 | .08478 | 63 | 1198 | 64502000 |

PART CLASS 92° VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .100 N.O.L. | | | | | | | | | |
| SELECTOR | FLAP.FLIGHT-CONTROL-SYSTEM | AIR | 74.0877 | 120.343 | 63 | .10798 | 64 | 1155 | 64504000 |
| SELECTOR | DOOR.HYDRAULIC.FORWARD-CARGO | AIR | 79.5454 | 133.76 | 102 | .088 | 63 | 1114 | 64506000 |
| SELECTOR | DOOR.HYDRAULIC.FORWARD-CARGO | AIR | 80 | 140.428 | 50 | .075 | 63 | 1114 | 64506000 |
| SELECTOR | ROCKET.RUDDER.FLIGHT-CONTROL | AIR | 92.6097 | 142.68 | 63 | .10798 | 64 | 1155 | 64510000 |
| SELECTOR | | AIR | 98.1 | | | | 57 | 2L1 | 64512000 |
| SELECTOR | WING.FOLDING | AIR | 101.851 | 139.741 | | .216 | 63 | 2100 | 64514000 |
| SELECTOR | DOOR.HYDRAULIC.FORWARD-CARGO | AIR | 126.073 | 176.909 | 50 | .12691 | 65 | 1198 | 64516000 |
| SELECTOR | LANDING-GEAR | AIR | 138.914 | 197.188 | 63 | .10798 | 64 | 1155 | 64518000 |
| SELECTOR | FLAP-POSITION | AIR | 148.148 | 7.885 | | .108 | 63 | 2100 | 64520000 |
| SELECTOR | BRAKE.MAIN-LANDING-GEAR | AIR | 148.175 | 7.923 | 63 | .10798 | 64 | 1155 | 64522000 |
| SELECTOR | HYDRAULIC-SYSTEM | AIR | 161 | .894 | 192 | .05 | 66 | 1225 | 64524000 |
| SELECTOR | | AIR | 158 | | | | 57 | 2L1 | 64526000 |
| SELECTOR | | AIR | 198 | | | | 57 | 2L1 | 64528000 |
| SELECTOR | | AIR | 277.777 | 354.769 | | .108 | 63 | 2101 | 64530000 |
| SELECTOR | | AIR | 296.296 | 475.345 | | .108 | 63 | 2101 | 64532000 |
| SELECTOR | | AIR | 370 | | | | 57 | 2L1 | 64534000 |
| SELECTOR | | AIR | 884.21 | 1021.14 | | .095 | 63 | 2120 | 64536000 |
| SELECTOR | LANDING-CONTROL | AIR | 945.454 | 1136.68 | 320 | .055 | 61 | 1080 | 64538000 |
| SELECTOR.BYPASS | WATER-SEPERATOR | AIR | 166.666 | 443.525 | 31 | .012 | 63 | 1111 | 64540000 |
| SELECTOR.FUEL | POWER-PLANT | AIR | 319.488 | 374.651 | 126 | .21597 | 65 | 1155 | 64542000 |
| SELECTOR.MANUAL | EMERGEFGLENCY-EXTENSION NOSE-LANDING-GEAR | AIR | * | 93.1472 | 48 | .02472 | 63 | 1227 | 64544000 |
| SELECTOR.MANUAL | EMERGENCY-EXTENSION. NOSE-LANDING-GEAR | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 64544000A |
| SELECTOR.MANUAL | FUEL-SYSTEM | AIR | 4.82765 | 8.955 | 1194 | 1.0353 | 67 | 1272 | 64546000 |
| SELECTOR.MANUAL | FUEL-SYSTEM | AIR | 5.7389 | 22.1862 | 812 | .17532 | 64 | 1179 | 64550000 |
| SELECTOR.MANUAL | FUEL-SYSTEM | AIR | 21.878 | 40.5823 | 946 | .22854 | 65 | 1228 | 64552000 |
| SELECTOR.MANUAL.3-WAY | PRESSURE-REFUELING | AIR | 25.1018 | 36.6061 | 597 | .51789 | 67 | 1272 | 64554000 |
| SELECTOR.MANUAL.3-WAY. PRESSURE-REFUEL | | AIR | 157.521 | 216.647 | 473 | .11427 | 65 | 1228 | 64556000 |
| SELECTOR.MANUAL.3-WAY. PRESSURE-REFUEL | | AIR | 182.523 | 256.121 | 406 | .08766 | 64 | 1179 | 64558000 |
| SELECTOR.REFUEL/DEFUEL. MANUAL.BUTTERFLY | | AIR | 193.139 | 407.526 | 86 | .01306 | 66 | 1240 | 64560000A |
| SELF-OPERATING | (STORAGE) | | .01 | | | | 66 | 2M1 | 64562000 |
| SELF-OPERATING | (STORAGE) | MSL | .01 | | | | 65 | 2440 | 64564000 |
| SENSOR-ANE-SHUTOFF-AIR-FLOW | | AIR | 2200 | 3319.63 | 60 | .005 | 61 | 1080 | 64566000A |
| SEPARATOR | ANTI-ICE.CABIN-AIR-CONDITIONING | AIR | 34.2231 | 76.2128 | 406 | .08766 | 64 | 1179 | 64568000 |
| SEPARATOR | ANTI-ICE.CABIN-AIR-CONDITIONING | AIR | 78.7608 | 124.319 | 473 | .11427 | 65 | 1228 | 64570000 |
| SEPARATOR.ANTI-ICE | CABIN-AIR-CONDITION | AIR | 46.5491 | 54.4214 | 597 | .51789 | 67 | 1272 | 64572000 |
| SEQUENCE | | LAB | 4.6 | | | | 63 | 1138 | 64574000 |
| SEQUENCE | TIP-PROTECTION-GEAR | AIR | 41.8935 | 162.953 | 62 | .02387 | 63 | 1111 | 64576000 |
| SEQUENCE | | AIR | 81.3 | | | | 57 | 2L1 | 64578000 |
| SEQUENCE | | AIR SHP GRD | 400 | | | | 58 | 2L2 | 64580000 |
| SEQUENCE. MECHANICALLY-CONTROLLED | | AIR | 7.98035 | 11.6377 | | 1.629 | 61 | 1083 | 64582000 |

PART CLASS 92° VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .CC N.O.C. | | | | | | | | | |
| SEQUENCE. MECHANICALLY-CONTROLLED | | AIR | 20.4678 | 34.4178 | | .342 | 62 | 1084 | 64584000 |
| SEQUENCE. MECHANICALLY-CONTROLLED | | AIR | 593.406 | 710.908 | | .091 | 61 | 1082 | 64584000 |
| SEQUENCE.ACTUATOR | TIP-PROTECTION-GEAR | AIR | * | 96.4641 | 62 | .02387 | 63 | 1111 | 64588000 |
| SEQUENCE.FUEL-IGNITER | | GRD | 2083.330 | 8103.540 | | .000480 | 66 | 2MS1 | 64590000 |
| SEQUENCE.OIL | | AIR | 92.5925 | 125.208 | | .216 | 63 | 2109 | 64592000 |
| SERVO | | LAB | * | 23.1260 | 2 | .10 | 64 | 1197 | 64594000A |
| SERVO | | LAB | * | 4.60520 | 2 | .50 | 64 | 1197 | 64596000A |
| SERVO | | LAB | * | .2878250 | 2 | 00 | 64 | 1197 | 64598000A |
| SERVO | | LAB | * | .2019820 | 2 | 11.40 | 64 | 1197 | 64600000A |
| SERVO | (STORAGE) | | * | 35.5339 | | .06480 | 63 | 2L1 | 64602000A |
| SERVO | (STORAGE) | | * | 7.01328 | | .32852 | 63 | 4L1 | 64604000 |
| SERVO | (STORAGE) | | .068927 | .183426 | | 29.016 | 66 | 258 | 64606000A |
| SERVO | VARIABLE-RAMP | AIR | 48.7329 | 65.8993 | | .4104 | 66 | 1263 | 64608000 |
| SERVO | VARIABLE-RAMP | AIR | 67.7043 | 106.078 | | .13392 | 66 | 1241 | 64610000 |
| SERVO | VARIABLE-RAMP | AIR | 67.7043 | 106.078 | | .13392 | 65 | 1188 | 64612000 |
| SERVO | | AIR | 310.438 | 359.825 | | .2517 | 66 | 1263 | 64614000 |
| SERVO | | MSL | 1102.56 | 1350.92 | | .039 | 61 | 2L2 | 64616000 |
| SERVO | | AIR SHP GRD | 1500 | | | | 58 | 2L2 | 64618000 |
| SERVO | | | 1500 | | | | 65 | 2L9 | 64620000 |
| SERVO | | AIR GND | 1638 | | | | 66 | 2L6 | 64622000 |
| SERVO | NOD.TARGET-SEEKER-SYSTEM | GRD | 6821.73 | 9257.56 | | .0023 | 62 | 1135 | 64624000 |
| SERVO.DEFLECTION | TARGET-SEEKER-SYSTEM | GRD | 869.565 | 2314.04 | | .0023 | 62 | 1135 | 64626000 |
| SERVO.DRY-COIL.4-WAY | ROLL/YAW-STABILIZER | AIR | 133.434 | 143.018 | | 2.638 | 53 | 1123 | 64628000A |
| SERVO.FUEL-HYDRAULIC | STEERING.LANDING-GEAR.NOSE | AIR | 303.844 | 365.3 | | .1714 | 63 | 1123 | 64630000A |
| SERVO.MECHANICAL-HYDRAULIC. TANDEM.HI-RESPONSE | | AIR GND | 21.4132 | 83.2912 | 200 | .0467 | 62 | 1090 | 64632000 |
| SERVO.SINGLE-STAGE | | | 65.1 | | | | 65 | 2L9 | 64634000 |
| SERVO.TWO-STAGE | | | 500 | | | | 65 | 2L9 | 64636000 |
| SERVO.TWO-STAGE | | | 1000 | | | | 65 | 2L9 | 64638000 |
| SERVO.TWO-STAGE | | | 2000 | | | | 65 | 2L9 | 64640000 |
| SERVO.3000PSI | (M-MISSIONS) | MSL | * | 2302.68 | | .001M | 62 | 1136 | 64642000 |
| SERVO.3000PSI | | LAB | 86.0955 | 229.113 | | .02323 | 62 | 1136 | 64644000 |
| SERVOVALVE | (STORAGE) | MSL | .1 | | | | 65 | 2440 | 64646000 |
| SHUT-OFF.MANUAL | | AIR SHP GRD | 20 | | | | 58 | 2L2 | 64648000 |
| SHUT-OFF.OIL | | AIR | 4.62963 | 12.3201 | | .432 | 63 | 2109 | 64650000 |
| SHUT-OFF.T-C-PNEUMATIC | AIR-CONDITIONING.707-331 | AIR | 100 | | | | 65 | 2364 | 64652000 |
| SHUT-OFF.T-C-PNEUMATIC | AIR-CONDITIONING.707-131 | AIR | 220 | | | | 66 | 2364 | 64654000 |
| SHUT-OFF.T-C-PNEUMATIC | AIR-CONDITIONING.707-331 | AIR | 670 | | | | 66 | 2364 | 64656000 |
| SHUT-OFF.T-C-PNEUMATIC | AIR-CONDITIONING.707-131 | AIR | 660 | | | | 66 | 2364 | 64658000 |
| SHUT-OFF.T-C-PNEUMATIC | AIR-CONDITIONING.707-331 | AIR | 820 | | | | 65 | 2364 | 64660000 |
| SHUT-OFF-AND-CHECK-2.50-INCH | AIR-CONDITIONING-SYSTEM | AIR | 940 | | | | 66 | 2364 | 64662000 |
| | | AIR GND | 336.7 | 672.857 | | .01188 | 62 | 2320 | 64664000 |

PART CLASS 925 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 9C CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| SHUT-OFF-MAGNETIC-3000-PSI | STARTING.707-331 | AIR | 280P | | | | 66 | 2361 | 64666000 |
| SHUT-OFF-OR-DUMP | | AIR | 198 | | | | 57 | 2L1 | 64668000 |
| SHUT-OFF-PRESSURE | | AIR SHP GRD | 50 | | | | 58 | 2L2 | 64670000 |
| SHUT-OFF-RAIN-REPELLANT | ICE-AND-RAIN-PROTECTION.707-131 | AIR | 250P | | | | 66 | 2362 | 64672000 |
| SHUT-OFF-T-C-PNEUMATIC | AIR-CONDITIONING.707-331 | AIR | 310P | | | | 66 | 2362 | 64674000 |
| SHUT-OFF-T-C-PNEUMATIC | AIR-CONDITIONING.707-131 | AIR | 380P | | | | 66 | 2362 | 64676000 |
| SHUT-OFF-T-C-PNEUMATIC | AIR-CONDITIONING.707-131 | AIR | 490P | | | | 66 | 2362 | 64678000 |
| SHUT-OFF-T-C-PNEUMATIC | AIR-CONDITIONING.707-331 | AIR | 680P | | | | 65 | 2362 | 64680000 |
| SHUT-OFF-T-C-PNEUMATIC | AIR-CONDITIONING.707-331 | AIR | 900P | | | | 66 | 2362 | 64682000 |
| SHUT-OFF-T-C-PNEUMATIC | AIR-CONDITIONING.707-131 | AIR | 1310P | | | | 65 | 2362 | 64684000 |
| SHUT-OFF-6-DIA-PNEUMATIC | AIR-CONDITIONING.707-131B | AIR | 20P | | | | 66 | 2364 | 64686000 |
| SHUTOFF | FIRE-ISOLATION. FUEL-DISTRIBUTING-SYSTEM | AIR | * | 13.9975 | 304 | .1645 | 66 | 1250 | 64688000A |
| SHUTOFF | CENTER-MAN-SEP.FUEL-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 64690000A |
| SHUTOFF | SUCTION.NO-1-HYDRAULIC-SYSTEM | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 64692000A |
| SHUTOFF | FIREWALL.FUEL-SYSTEM. AUXILIARY-POWER-UNIT | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 64694000A |
| SHUTOFF | SUCTION.NO-2-HYDRAULIC-SYSTEM | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 64696000A |
| SHUTOFF | FIRE-ISOLATION.FUEL-DISTR-SYSTEM | AIR | * | 23.2868 | 192 | .09888 | 65 | 1227 | 64698000 |
| SHUTOFF | DRAIN.MANIFOLD,SINGLE-PT-REFUEL | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 64700000 |
| SHUTOFF | OIL-TANK | AIR | * | 4.94672 | 400 | .46548 | 65 | 1198 | 64702000 |
| SHUTOFF | AIR-CONDITIONING | AIR | * | 191.883 | 31 | .012 | 63 | 1111 | 64704000 |
| SHUTOFF | CENTER-MAN-SEP.FUEL-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 64706000 |
| SHUTOFF | ENGINE-PNEUMATIC-SYSTEM/DEICING | AIR | * | 4.94672 | 400 | .46548 | 65 | 1198 | 64708000 |
| SHUTOFF | ALT-AIR-FLT-STATION.AIR-CONDITIONING | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 64710000 |
| SHUTOFF | FUEL-DISTRIBUTION | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 64712000 |
| SHUTOFF | TV-CAMERA-COMPT.ANTI-DE-ICE-SYSTEM | AIR | * | 27.1597 | 50 | .08478 | 63 | 1198 | 64714000 |
| SHUTOFF | AUTO-FLIGHT-CONTROL-SYSTEM | SIM GRD AIR | * | 95.3775 | 195 | .04158 | 64 | 1181 | 64716000A |
| SHUTOFF | AUTO-FLIGHT-CONTROL-SYSTEM | SIM GRD AIR | * | 76.7533 | 139 | .03 | 63 | 1117 | 64718000 |
| SHUTOFF | ENRICHMENT.FUEL-SYSTEM | AIR | 2.50689 | 4.65013 | 1716 | 1.9945 | 65 | 1201 | 64720000 |
| SHUTOFF | OIL-TANK | AIR | 2.83286 | 11.0185 | 408 | .353 | 63 | 1114 | 64722000 |
| SHUTOFF | HYDRAULIC-SYSTEM | AIR | 4.63027 | 18.0103 | 126 | .21597 | 65 | 1155 | 64724000 |
| SHUTOFF | FIREWALL.FUEL-SYSTEM | AIR | 5.66572 | 15.0775 | 408 | .353 | 63 | 1114 | 64726000 |
| SHUTOFF | OIL-TANK | AIR | 5.90981 | 13.1607 | 200 | .50763 | 65 | 1198 | 64728000 |
| SHUTOFF | | LAB | 6.5 | | | | 63 | 1138 | 64730000 |
| SHUTOFF | AILERON,FLIGHT-CONTROLS | AIR | 7.05343 | 18.7702 | 75 | .28355 | 65 | 1198 | 64732000 |
| SHUTOFF | CAMERA-VACUUM-SYSTEM,A-4C95 | AIR | 7.18046 | 15.9904 | 200 | .4178 | 63 | 1198 | 64734000 |
| SHUTOFF | FIREWALL.FUEL-SYSTEM | AIR | 8.50328 | 17.1727 | 400 | .46548 | 65 | 1198 | 64736000 |
| SHUTOFF | | AIR | 9.25925 | 24.6412 | | .216 | 63 | 2107 | 64738000 |
| SHUTOFF | FIREWALL.FUEL-SYSTEM | AIR | 11.8196 | 20.7475 | 200 | .50763 | 65 | 1198 | 64740000 |
| SHUTOFF | CROSSFEED.FUEL-DISTRIBUTING-SYSTEM | AIR | 12.158 | 32.3544 | 304 | .1645 | 66 | 1250 | 64742000A |
| SHUTOFF | SINGLE-POINT-REFUELING | AIR | 13.2698 | 27.9456 | 400 | .67823 | 63 | 1198 | 64744000 |
| SHUTOFF | FIREWALL.FUEL-SYSTEM | AIR | 16.129 | 67.737 | 272 | .62 | 63 | 1114 | 64746000 |
| SHUTOFF | OIL-TANK | AIR | 17.6928 | 31.0571 | 200 | .33912 | 63 | 1198 | 64748000 |
| SHUTOFF | ACTUATOR,HYDRAULIC,WING-SPOILER | AIR | 18.237 | 40.6127 | 304 | .1645 | 66 | 1250 | 64750000 |

PART CLASS 925 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90% CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .10 N.O.C. | | | | | | | | | |
| SHUTOFF | OIL-TANK | AIR | 20.0668 | 35.2244 | 200 | .299 | 63 | 1114 | 64752000 |
| SHUTOFF | JETTISON.FUEL-SYSTEM | AIR | 20.2265 | 78.6751 | 96 | .04944 | 65 | 1227 | 64754000 |
| SHUTOFF | CROSSFEED.FUEL-DISTRIBUTOR-SYSTEM | AIR | 20.2265 | 53.8258 | 192 | .09888 | 65 | 1227 | 64756000 |
| SHUTOFF | LEFT/RIGHT-MAN-SEP.FUEL-SYSTEM | AIR | 20.2265 | 78.6751 | 96 | .04944 | 65 | 1227 | 64758000 |
| SHUTOFF | ANTI-ICE-INLET. ENGINE-PNEUMATIC-SYSTEM | AIR | 21.4832 | 33.6984 | 400 | .46548 | 65 | 1198 | 64760000 |
| SHUTOFF | COMPRESSOR.CABIN | AIR | 23.6127 | 91.8465 | 90 | .04235 | 64 | 1144 | 64762000A |
| SHUTOFF | RAM-AIR-VENT.AIR-CONDITION-SYS EM | AIR | 24.3131 | 94.5708 | 76 | .04113 | 66 | 1250 | 64764000A |
| SHUTOFF | PRE-EJECTOR.AIR-CONDITION-SYSTEM | AIR | 24.3131 | 64.7009 | 152 | .08226 | 66 | 1250 | 64766000 |
| SHUTOFF | JETTISON.FUEL-SYSTEM | AIR | 24.3131 | 64.7009 | 152 | .08226 | 66 | 1250 | 64768000A |
| SHUTOFF | RAIN-REMOVAL-SYSTEM | AIR | 24.3131 | 64.7009 | 152 | .08226 | 66 | 1250 | 64770000A |
| SHUTOFF | ALT-AIR-FLIGHT-STATION.AIR-CONDITION | AIR | 24.3131 | 94.5708 | 76 | .04113 | 66 | 1250 | 64772000A |
| SHUTOFF | DOOR.HYDRAULIC.RAMP | AIR | 29.488 | 54.6986 | 100 | .16956 | 63 | 1198 | 64774000 |
| SHUTOFF | FIREWALL.FUEL-SYSTEM | AIR | 30.1003 | 47.5117 | 200 | .299 | 63 | 1114 | 64776000 |
| SHUTOFF | BLEED-AIR-SYSTEM.AIR-CONDITIONER | AIR | 31.1614 | 47.0202 | 408 | .353 | 63 | 1114 | 64778000 |
| SHUTOFF | BLEED-AIR-SYSTEM | AIR | 31.5159 | 122.587 | 61 | .03173 | 64 | 1144 | 64780000A |
| SHUTOFF | BLEED-AIR-SYSTEM.AIR-CONDITIONER | AIR | 31.519 | 44.2282 | 200 | .50763 | 65 | 1198 | 64782000 |
| SHUTOFF | ANTI-ICE-INLET. ENGINE-PNEUMATIC-SYSTEM | AIR | 32.258 | 85.8435 | 272 | .062 | 63 | 1114 | 64784000 |
| SHUTOFF | BLEED-AIR-SYSTEM.AIR-CONDITIONER | AIR | 32.258 | 85.8435 | 272 | .062 | 63 | 1114 | 64786000 |
| SHUTOFF | FIREWALL.FUEL-SYSTEM | AIR | 32.4368 | 48.9447 | 200 | .33912 | 63 | 1198 | 64788000 |
| SHUTOFF | DOOR.HYDRAULIC.RAMP | AIR | 33.557 | 62.2463 | 100 | .149 | 63 | 1114 | 64790000 |
| SHUTOFF | HOT-AIR-SYSTEM | AIR | 33.7349 | 49.5012 | | .415 | 59 | 1070 | 64792000 |
| SHUTOFF | GAS-TURBINE-COMPRESSOR. | AIR | 34.3731 | 68.6908 | 100 | .11637 | 65 | 1198 | 64794000 |
| SHUTOFF | GROUND-COOLING-EJECTOR.AIR-CONDITION | AIR | 35.6903 | 50.6816 | | .4483 | 66 | 1263 | 64796000 |
| SHUTOFF | DRAIN.ENGINE-OIL-TANK | AIR | 36.3636 | 96.769 | 320 | .055 | 61 | 1080 | 64798000 |
| SHUTOFF | DRAIN.MANIFOLD.SINGLE-POINT-REFUEL | AIR | 36.4697 | 81.2156 | 152 | .08226 | 66 | 1250 | 64800000A |
| SHUTOFF | FIREWALL.FUEL-SYSTEM. AUXILIARY-POWER-UNIT | AIR | 40.453 | 157.35 | 48 | .02472 | 65 | 1227 | 64802000 |
| SHUTOFF | RAIN-REMOVAL-SYSTEM | AIR | 40.453 | 107.651 | 96 | .04944 | 65 | 1227 | 64804000 |
| SHUTOFF | EMPENNAGE.ANTI-ICE/DE-ICE-SYSTEM | AIR | 45.4545 | 73.8335 | 204 | .176 | 63 | 1114 | 64806000 |
| SHUTOFF | ENGINE-PNEUMATIC-SYSTEM/DEICING | AIR | 49.2484 | 64.439 | 200 | .50763 | 65 | 1198 | 64808000 |
| SHUTOFF | FIREWALL.HYDRAULIC-POWER-SUPPLY | AIR | 50.1297 | 69.6098 | 200 | .33912 | 63 | 1198 | 64810000 |
| SHUTOFF | FIREWALL.HYDRAULIC-POWER-SUPPLY | AIR | 50.1672 | 71.212 | 200 | .299 | 63 | 1114 | 64812000 |
| SHUTOFF | FIREWALL.HYDRAULIC-POWER-SUPPLY | AIR | 52.1541 | 69.0551 | 510 | .441 | 63 | 1114 | 64814000 |
| SHUTOFF | WING.ANTI-ICE/DE-ICE-SYSTEMS | AIR | 53.708 | 70.2741 | 400 | .46548 | 65 | 1198 | 64816000 |
| SHUTOFF | FIREWALL.HYDRAULIC-POWER-SUPPLY | AIR | 55.158 | 69.1391 | 250 | .63454 | 65 | 1198 | 64818000 |
| SHUTOFF | ENGINE-PNEUMATIC-SYSTEM/DEICING | AIR | 56.6572 | 76.615 | 408 | .353 | 63 | 1114 | 64820000 |
| SHUTOFF | ENRICHMENT.FUEL-SYSTEM | AIR | 58.7536 | 220.754 | 64 | .01762 | 65 | 1201 | 64822000 |
| SHUTOFF | GAS-TURBINE-COMPRESSOR. AUXILIARY-POWER-PLANT | AIR | 56.8181 | 105.394 | 102 | .088 | 63 | 1114 | 64824000 |
| SHUTOFF | OIL/FILTER.POWER-PLANT-SYSTEM | AIR | 59.9161 | 233.055 | 64 | .01669 | 66 | 1225 | 64826000 |
| SHUTOFF | GAS-TURBINE-COMPRESSOR. AUXILIARY-POWER-PLANT | AIR | 63.0367 | 102.393 | 50 | .12691 | 65 | 1190 | 64828000 |
| SHUTOFF | EMPENNAGE.ANTI-ICE/DE-ICE-SYSTEM | AIR | 64.4496 | 91.4657 | 200 | .23274 | 65 | 1198 | 64830000 |

PART CLASS 925 VALVES

| PART DESCRIPTION .90 N.O.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF DATA RPT | YR OF DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| SHUTOFF | OIL-SYSTEM,GAS-TURBINE-COMPRESSOR, AUXILIARY-POWER-PLANT | AIR | 68.7462 | 111.667 | 130 | .11837 | 65 | 1198 | 64832000 |
| SHUTOFF | FLOOR-HEAT,AIR-CONDITIONING, CARGO-COMPARTMENT | AIR | 68.7462 | 111.667 | 50 | .11837 | 65 | 1198 | 64834000 |
| SHUTOFF | GROUND-COOLING-EJECTOR,AIR-CONDITION AUXILIARY-POWER-PLANT | AIR | 69.6846 | 100.474 | | .20033 | 66 | 1241 | 64836000 |
| SHUTOFF | BLEED-AIR-SYSTEM,AIR-CONDITIONER | AIR | 70.8945 | 89.486 | 400 | .46548 | 65 | 1198 | 64838000 |
| SHUTOFF | EMPENNAGE,ANTI-ICE/DE-ICE-SYSTEM | AIR | 70.9163 | 97.5348 | 100 | .25382 | 65 | 1198 | 64840000 |
| SHUTOFF | OIL-SYSTEM,GAS-TURBINE-COMPRESSOR, AUXILIARY-POWER-PLANT | AIR | 70.9163 | 111.937 | 50 | .12691 | 65 | 1198 | 64842000 |
| SHUTOFF | FIREWALL,HYDRAULIC-SYSTEM | AIR | 76.5696 | 203.763 | 172 | .02612 | 66 | 1240 | 64844000 |
| SHUTOFF | CAMERA-VACUUM-SYSTEM,A-40095 | AIR | 76.9473 | 175.81 | 200 | .038 | 63 | 1114 | 64846000 |
| SHUTOFF | | AIR | 84.2105 | 136.788 | | .095 | 63 | 2120 | 64848000 |
| SHUTOFF | OIL-SYSTEM,GAS-TURBINE-COMPRESSOR, AUXILIARY-POWER-PLANT | AIR | 93.3333 | 156.945 | 50 | .075 | 63 | 1114 | 64850000 |
| SHUTOFF | OIL-SYSTEM,GAS-TURBINE-COMPRESSOR, AUXILIARY-POWER-PLANT | AIR | 94.3618 | 153.275 | 50 | .08478 | 63 | 1198 | 64852000 |
| SHUTOFF | FIREWALL,FUEL-SYSTEM | AIR | 104.712 | 161.326 | 248 | .0959 | 63 | 1111 | 64854000 |
| SHUTOFF | ANTI-ICE-INLET, ENGINE-PNEUMATIC-SYSTEM | AIR | 109.105 | 135.89 | 200 | .33912 | 63 | 1198 | 64856000 |
| SHUTOFF | ANTI-ICE-INLET, ENGINE-PNEUMATIC-SYSTEM | AIR | 110.367 | 139.31 | 200 | .299 | 63 | 1114 | 64858000 |
| SHUTOFF | FIREWALL,HYDRAULIC-POWER-SUPPLY | AIR | 113.86 | 136.644 | 400 | .46548 | 65 | 1198 | 64860000 |
| SHUTOFF | PNE-EJECTOR,AIR-CONDITIONING-SYSTEM | AIR | 121.359 | 213.027 | 96 | .04944 | 65 | 1227 | 64862000 |
| SHUTOFF | OIL-SYSTEM,GAS-TURBINE-COMPRESSOR, AUXILIARY-POWER-PLANT | AIR | 125 | 188.619 | 102 | .088 | 63 | 1114 | 64864000 |
| SHUTOFF | FAN,FREON-CONDENSER,AIR-CONDITIONING | AIR | 125.198 | 146.475 | 150 | .5671 | 65 | 1196 | 64866000 |
| SHUTOFF | BLEED-AIR-SYSTEM,AIR-CONDITIONER | AIR | 127.388 | 152.612 | 250 | .4239 | 63 | 1198 | 64868000 |
| SHUTOFF | BLEED-AIR-SYSTEM,AIR-CONDITIONER | AIR | 130.666 | 157.997 | 250 | .375 | 63 | 1114 | 64870000 |
| SHUTOFF | FIREWALL,HYDRAULIC-POWER-SUPPLY | AIR | 145.161 | 229.129 | 272 | .062 | 63 | 1114 | 64872000 |
| SHUTOFF | NOSE-WHEEL-STEERING | AIR | 145.454 | 238.267 | 320 | .055 | 67 | 1080 | 64874000 |
| SHUTOFF | TURBO-COMPRESSOR,AIR-CONDITIONING | AIR | 158.702 | 174.961 | 300 | 1.1342 | 65 | 1196 | 64876000 |
| SHUTOFF | FLOOR-HEAT-SYSTEM | AIR | 202.265 | 375.19 | 48 | .02472 | 65 | 1227 | 64878000 |
| SHUTOFF | WING,ANTI-ICE/DE-ICE-SYSTEMS | AIR | 218.13 | 253.572 | 408 | .353 | 63 | 1114 | 64880000 |
| SHUTOFF | AIR-CONDITIONING-SYSTEM | AIR | 254.88 | 285.73 | 597 | .51789 | 67 | 1272 | 64882000 |
| SHUTOFF | WING,ANTI-ICE/DE-ICE-SYSTEMS | AIR | 265.941 | 297.742 | 200 | .50783 | 65 | 1198 | 64884000 |
| SHUTOFF | VENT,FUEL | AIR | 278.81 | 310.309 | 424 | .538 | 64 | 1266 | 64886000A |
| SHUTOFF | | AIR | 300 | | | | 61 | 1068 | 64888000 |
| SHUTOFF | PYLON,BLEED-AIR-SYSTEM | AIR | 303.398 | 387.49 | 192 | .09888 | 65 | 1227 | 64890000 |
| SHUTOFF | FLOOR-HEAT-SYSTEM | AIR | 316.07 | 460.927 | 76 | .04113 | 66 | 1250 | 64892000A |
| SHUTOFF | WATER-INJECTION-SYSTEM | AIR | 333.333 | 467.741 | 124 | .048 | 63 | 1111 | 64894000 |
| SHUTOFF | FREON-COMPRESSOR,AIR-CONDITIONING | AIR | 340.327 | 373.92 | 150 | .5671 | 65 | 1196 | 64896000 |
| SHUTOFF | PYLON,BLEED-AIR-SYSTEM | AIR | 340.425 | 406.471 | 304 | .1645 | 66 | 1250 | 64898000A |
| SHUTOFF | GAS-TURBINE-COMPRESSOR, AUXILIARY-POWER-PLANT | AIR | 346.666 | 451.152 | 50 | .075 | 63 | 1114 | 64900000 |

PART CLASS 925 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| SHUTOFF | GAS-TURBINE-COMPRESSOR. AUXILIARY-POWER-PLANT | AIR | 377.447 | 476.211 | 50 | .08478 | 63 | 1198 | 64902000 |
| SHUTOFF | ANTI-ICE-INLET. ENGINE-PNEUMATIC-SYSTEM | AIR | 388.077 | 425.966 | 200 | .50763 | 65 | 1198 | 64904000 |
| SHUTOFF | FLOOR-HEAT.AIR-CONDITIONING. CARGO-COMPARTMENT | AIR | 393.979 | 475.451 | 50 | .12691 | 65 | 1198 | 64906000 |
| SHUTOFF | | AIR | 400 | 456.702 | | .095 | 63 | 2126 | 64908000 |
| SHUTOFF | FLOOR-HEAT.AIR-CONDITIONING. CARGO-COMPARTMENT | AIR | 443.181 | 548.739 | 102 | .088 | 63 | 1114 | 64910000 |
| SHUTOFF | EMPENNAGE.ANTI-ICE/DE-ICE-SYSTEM | AIR | 456.375 | 535.815 | 100 | .149 | 63 | 1114 | 64912000 |
| SHUTOFF | ANTI-ICE-INLET. ENGINE-PNEUMATIC-SYSTEM | AIR | 464.585 | 514.62 | 408 | .353 | 63 | 1114 | 64914000 |
| SHUTOFF | EMPENNAGE.ANTI-ICE/DE-ICE-SYSTEM | AIR | 465.911 | 540.549 | 100 | .16956 | 63 | 1198 | 64916000 |
| SHUTOFF | BOUNDARY-LAYER-CONTROL | AIR | 496.945 | 547.41 | | .36825 | 66 | 1241 | 64918000 |
| SHUTOFF | WING.ANTI-ICE/DE-ICE-SYSTEMS | AIR | 545.529 | 600.607 | 200 | .33912 | 63 | 1198 | 64920000 |
| SHUTOFF | AIR-CONDITIONING.SYSTEM | AIR | 575.757 | 784.925 | 128 | .033 | 66 | 1225 | 64922000 |
| SHUTOFF | WING.ANTI-ICE/DE-ICE-SYSTEMS | AIR | 581.939 | 642.652 | 200 | .299 | 63 | 1114 | 64924000 |
| SHUTOFF | TRAIL-EDGE.BOUNDARY-LAYER-CONTROL | AIR | 845.507 | 935.106 | | .19988 | 66 | 1241 | 64926000 |
| SHUTOFF | AIR-CONDITIONING.CABIN | AIR | 1000 | 1854.94 | 16 | .005 | 59 | 1110 | 64928000 |
| SHUTOFF | AIR-REFUEL | AIR | 1333.33 | 1870.96 | 31 | .012 | 63 | 1111 | 64930000 |
| SHUTOFF | | GRD | 3703.7C | 7401.43C | | .001080 | 66 | 2MSI | 64932000 |
| SHUTOFF | | GRD | 15000C | 26330.2C | | .0004C | 66 | 2MSI | 64934000 |
| SHUTOFF.AIR | PURGE-SYSTEM | AIR | 6.68896 | 17.8003 | 200 | .299 | 63 | 1114 | 64936000 |
| SHUTOFF.AIR | EXTERNAL-TANK | AIR | 45.045 | 83.5558 | 640 | .111 | 61 | 1080 | 64938000A |
| SHUTOFF.AIR | CABIN-PRESSURIZATION | AIR | 57.0385 | 105.803 | 406 | .08766 | 64 | 1179 | 64940000 |
| SHUTOFF.AIR | CABIN/ELECTRONIC-EQUIPMENT | AIR | 78.5696 | 203.783 | 172 | .02612 | 66 | 1240 | 64942000A |
| SHUTOFF.AIR | CABIN-PRESSURIZATION | AIR | 78.7608 | 124.319 | 473 | .11427 | 65 | 1228 | 64944000 |
| SHUTOFF.AIR | TURBINE | AIR | 118.063 | 219.001 | 90 | .04235 | 64 | 1144 | 64946000A |
| SHUTOFF.AIR.FUEL | PURGE-SYSTEM | AIR | 5.89761 | 15.6944 | 200 | .33912 | 63 | 1198 | 64948000 |
| SHUTOFF.AIR.MOTOR-OPERATED | | AIR | 45.045 | 83.5558 | 640 | .111 | 61 | 1080 | 64950000A |
| SHUTOFF.BALL.DOUBLE-ACTING. PNEUMATIC-ACTUATED | LOX-REPLENISH | GRD | 7777.77C | 13078.7C | 18 | .0009C | 66 | 1245 | 64952000A |
| SHUTOFF.BALL-ROTOR. PNEUMATIC-PISTON-ACTUATED | FUEL-SUCTION/FILL/DRAIN | GRD | 1052.63C | 1477.07C | 79 | .0152C | 66 | 1245 | 64954000A |
| SHUTOFF.BALL-ROTOR. PNEUMATIC-PISTON-ACTUATED | LOX-SUCTION/FILL/DRAIN | GRD | 4408.6C | 5429.03C | 40 | .0093C | 66 | 1245 | 64956000A |
| SHUTOFF.BLEED-AIR | ENGINE | AIR | 59.0318 | 109.5 | 180 | .0847 | 64 | 1144 | 64958000A |
| SHUTOFF.BLEED-AIR. LOW-PRESSURE | | AIR | 97.8663 | 110.878 | 300 | 1.1342 | 65 | 1196 | 64960000 |
| SHUTOFF.FUEL | AFTERBURNER.TURBOJET.J-85 | AIR | * | 10.0752 | 946 | .22854 | 65 | 1228 | 64962000 |
| SHUTOFF.FUEL | FIRE | AIR | 15.8702 | 21.8271 | 300 | 1.1342 | 65 | 1196 | 64964000 |
| SHUTOFF.FUEL | | AIR | 22.8154 | 45.594 | 812 | .17532 | 64 | 1179 | 64966000 |
| SHUTOFF.FUEL | REFUELING | AIR | 30.C3 | 46.2662 | 3020 | .333 | 61 | 1080 | 64968000 |
| SHUTOFF.FUEL | | AIR | 30.6292 | 51.5047 | 946 | .22854 | 65 | 1228 | 64970000 |
| SHUTOFF.FUEL | WING | AIR | 33.3169 | 45.4207 | | .57028 | 66 | 1241 | 64972000 |

PART CLASS 92° VALVES

| PART DESCRIPTION .00 M.B.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| SHUTOFF.FUEL | WING | AIR | 33.3169 | 45.4207 | | .57028 | 65 | 1188 | 649740[illegible] |
| SHUTOFF.FUEL | MANIFOLD.REFUELING | AIR | 39.2093 | 44.8205 | | 2.4739 | 65 | 1196 | 649760[illegible] |
| SHUTOFF.FUEL | WING-CELL | AIR | 46.7453 | 93.4153 | | .08557 | 63 | 1123 | 649780[illegible]A |
| SHUTOFF.FUEL | POWER-PLANT | AIR | 50.933 | 76.8539 | 126 | .21597 | 65 | 1155 | 649800[illegible] |
| SHUTOFF.FUEL | | AIR | 54.054 | 94.8837 | 640 | .111 | 61 | 1080 | 649820[illegible] |
| SHUTOFF.FUEL | | AIR | 88.6699 | 121.952 | 527 | .203 | 63 | 1111 | 649840[illegible] |
| SHUTOFF.FUEL | | AIR | 99.4496 | 119.222 | 1194 | 1.0357 | 67 | 1272 | 649860[illegible] |
| SHUTOFF.FUEL | | AIR | 101.851 | 135.741 | | .216 | 63 | 2109 | 649880[illegible] |
| SHUTOFF.FUEL | ENGINE-FIRE | AIR | 166.666 | 371.195 | 64 | .018 | 59 | 1110 | 649900[illegible] |
| SHUTOFF.FUEL | MANIFOLD.INTERCONNECT | AIR | 291.666 | 490.454 | 62 | .024 | 63 | 1111 | 649920[illegible] |
| SHUTOFF.FUEL 4-INCH-BUTTERFLY | | GRD | 3333.33 | 12965.6 | | .0003 | 64 | 1163 | 649940[illegible] |
| SHUTOFF.FUEL. MIL-V-3610.35PSI.18-30VDC | FIREWALL | HELI | 100 | 227.693 | 120 | .03 | 65 | 1215 | 649960[illegible] |
| SHUTOFF.FUEL. MOTOR-OPERATED.DISC.28VDC | | AIR | 29.0077 | 36.4845 | | 1.1721 | 66 | 1241 | 649980[illegible] |
| SHUTOFF.FUEL. MOTOR-OPR.BUTTERFLY | ENGINE | AIR | 76.5696 | 297.833 | 86 | .01306 | 66 | 1240 | 650[illegible]A |
| SHUTOFF.FUEL SPEC-MANIFOLD/POPPET | | AIR | 105.177 | 146.016 | | .08557 | 63 | 1123 | 650020[illegible]A |
| SHUTOFF.FUEL. 1-INCH-BUTTERFLY | | GRD | • | 7675.33 | | .0003 | 64 | 1163 | 650[illegible]000 |
| SHUTOFF.FUEL.AIR-ACTUATED | | AIR | 15.015 | 27.8519 | 1920 | .333 | 61 | 1080 | 650060[illegible]A |
| SHUTOFF.FUEL.DRAIN | | AIR | 166.666 | 443.525 | 31 | .012 | 63 | 1111 | 650080[illegible] |
| SHUTOFF.FUEL.MOTOR-ACTUATED.MAIN-GATE | | AIR | 226.315 | 277.294 | 192 | .19 | 64 | 1266 | 650100[illegible]A |
| SHUTOFF.FUEL.MOTOR-OPERATED | | AIR | 45.7456 | 58.4249 | | .6558 | 66 | 1241 | 650120[illegible] |
| SHUTOFF.FUEL.NORMAL-SHUT | LEVEL-CONTROL | AIR | 91.0464 | 198.555 | 129 | .01959 | 66 | 1240 | 650140[illegible]A |
| SHUTOFF.FUEL-DEFUEL. MIL-F-8615.75GPM-MAX.0-60PSIG | | HELI | 200 | 351.07 | 170 | .03 | 65 | 1215 | 650160[illegible] |
| SHUTOFF.HELIUM. 1-INCH.MOTOR-OPERATED | | GRD | 60000 | 13361.6 | 47 | .0005 | 64 | 1163 | 650[illegible]8000 |
| SHUTOFF.LEFT/RIGHT-MANUAL-SEPARATOR | FUEL-SYSTEM | AIR | 12.1565 | 47.2854 | 152 | .08224 | 66 | 1250 | 650200[illegible]A |
| SHUTOFF.LIQUID-OXYGEN. 11-INCH-BUTTERFLY | | GRD | • | 38376.6 | | .00006 | 64 | 1163 | 650220[illegible] |
| SHUTOFF.MANUAL | C/C-OXYGEN-SYSTEM | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 650240[illegible] |
| SHUTOFF.MANUAL | RAIN-REPELLANT-SYSTEM | AIR | • | 55.9834 | 76 | .04113 | 66 | 1250 | 650260[illegible] |
| SHUTOFF.MANUAL | PITOT-STATIC-SYSTEM. FLIGHT-INSTRUMENTATION | AIR | • | 27.9917 | 152 | .08226 | 66 | 1250 | 650280[illegible] |
| SHUTOFF.MANUAL | RAIN-REPELLANT-SYSTEM | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 650300[illegible] |
| SHUTOFF.MANUAL | FUEL-SYSTEM | AIR | • | 16.1915 | 292 | .14221 | 64 | 1144 | 650320[illegible] |
| SHUTOFF.MANUAL | CARGO-COMPARTMENT-OXYGEN-SYSTEM | AIR | • | 55.9834 | 76 | .04113 | 66 | 1250 | 650340[illegible]A |
| SHUTOFF.MANUAL | PITOT-STATIC-SYSTEM. FLIGHT-INSTRUMENTATION | AIR | • | 46.5736 | 96 | .04944 | 65 | 1227 | 650360[illegible] |

PART CLASS 925 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| SHUTOFF.MANUAL | FUEL-SYSTEM | AIR | 11.7952 | 45.8799 | 50 | .08478 | 63 | 1198 | 65038000 |
| SHUTOFF.MANUAL | FUEL-SYSTEM | AIR | 13.3333 | 51.8626 | 50 | .075 | 63 | 1114 | 65040000 |
| SHUTOFF.MANUAL | FLIGHT-STATION-OXYGEN-SYSTEM | AIR | 24.3131 | 94.5708 | 76 | .04113 | 66 | 1250 | 65042000A |
| SHUTOFF.MANUAL | FLIGHT-STATION-OXYGEN-SYSTEM | AIR | 80.9061 | 215.303 | 48 | .02472 | 65 | 1227 | 65044000 |
| SHUTOFF.MANUAL. HYDROGEN-PEROXIDE | | LAB | • | 5756.5 | 7 | .0004 | 62 | 1085 | 65046000 |
| SHUTOFF.MANUAL.FUEL-GATE | | AIR | 36.2318 | 67.2079 | | .138 | 59 | 1070 | 65048000 |
| SHUTOFF.MANUAL.HELIUM | | LAB | • | 3837.66C | 4 | .0006C | 62 | 1085 | 65050000 |
| SHUTOFF.MANUAL.HOT-AIR | RAIN-REMOVAL-SYSTEM | AIR | 23.3726 | 62.1982 | | .08557 | 63 | 1123 | 65052000A |
| SHUTOFF.MANUAL.OXYGEN | PRESSURE-SUIT | AIR | 327.408 | 410.398 | | .1069 | 66 | 1241 | 65054000 |
| SHUTOFF.MECHANICAL-LATCH. 28VDC.MIL-V-8610 | OIL-TANK.TRANSMISSION | HELI | 100 | 222.693 | 120 | .03 | 65 | 1215 | 65056000 |
| SHUTOFF.MOTOR-DRIVEN | | AIR SHP GRD | 300 | | | | 58 | 212 | 65058000 |
| SHUTOFF.OXYGEN | | AIR | 281.25 | 386.817 | 380 | .054 | 61 | 1080 | 65060000A |
| SHUTOFF.OXYGEN.MANUAL. 2-POSITION | | AIR | 382.848 | 710.16 | 86 | .01306 | 66 | 1240 | 65062000A |
| SHUTOFF.PRESSURE | NO-2-HYDRAULIC-SYSTEM | AIR | • | 46.5736 | 96 | .04944 | 65 | 1227 | 65064000 |
| SHUTOFF.PRESSURE | NO-1-HYDRAULIC-SYSTEM | AIR | • | 27.9917 | 152 | .08226 | 66 | 1250 | 65066000A |
| SHUTOFF.PRESSURE | HYDRAULIC-POWER-SUPPLY | AIR | 16.9971 | 29.8359 | 408 | .353 | 63 | 1114 | 65068000 |
| SHUTOFF.PRESSURE | NO-1-HYDRAULIC-SYSTEM | AIR | 20.2265 | 78.6751 | 96 | .04944 | 65 | 1227 | 65070000 |
| SHUTOFF.PRESSURE | HYDRAULIC-POWER-SUPPLY | AIR | 21.6693 | 32.6973 | 200 | .50763 | 65 | 1198 | 65072000 |
| SHUTOFF.PRESSURE | NO-2-HYDRAULIC-SYSTEM | AIR | 24.3131 | 64.7009 | 152 | .08226 | 66 | 1250 | 65074000A |
| SHUTOFF.PRESSURE | HYDRAULIC-POWER-SUPPLY | AIR | 73.0428 | 91.8697 | 400 | .46548 | 65 | 1198 | 65076000 |
| SHUTOFF.PRESSURE | HYDRAULIC-POWER-SUPPLY | AIR | 165.133 | 197.17 | 200 | .33912 | 63 | 1198 | 65078000 |
| SHUTOFF.PRESSURE | HYDRAULIC-POWER-SYPPLY | AIR | 170.568 | 205.448 | 200 | .299 | 63 | 1114 | 65080000 |
| SHUTOFF.PRESSURE | PNEUMATIC-PRESSURE-SUPPLY | AIR | 565.445 | 732.13 | 124 | .04775 | 63 | 1111 | 65082000 |
| SHUTOFF.PRESSURE.MIN | FUEL-SYSTEM | AIR | • | 13.9975 | 304 | .1645 | 66 | 1250 | 65084000 |
| SHUTOFF.PRESSURE.MIN. | FUEL-SYSTEM | AIR | • | 22.2868 | 192 | .09888 | 65 | 1227 | 65086000 |
| SHUTOFF.PRESSURE.PNEUMATIC | GUN-CHARGER | AIR | 46.7453 | 93.4153 | | .08557 | 63 | 1123 | 65088000 |
| SHUTOFF.RAM-AIR | RAM-AIR-VENT.AIR-CONDITIONING-SYSTEM | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 65090000 |
| SHUTOFF.RAM-AIR | SINGLE-POINT-REFUELING | AIR | 13.3555 | 21.6539 | 400 | .599 | 63 | 1114 | 65092000 |
| SHUTOFF.RAM-AIR | RUDDER.FLIGHT-CONTROLS | AIR | 21.7092 | 38.1073 | | .27638 | 65 | 1198 | 65094000 |
| SHUTOFF.RAM-AIR | ELECT-EQUIPMENT.AIR-CONDITIONING | AIR | 59.9041 | 105.152 | | .10016 | 66 | 1241 | 65096000 |
| SHUTOFF.RAM-AIR | RAM-AIR.EQUIPMENT-COMPARTMENT | AIR | 59.9041 | 105.152 | | .10016 | 66 | 1241 | 65098000 |
| SHUTOFF.RAM-AIR | RAM-AIR.EMERGENCY | AIR | 167.504 | 445.758 | 31 | .01194 | 63 | 1111 | 65100000 |
| SHUTOFF.RAM-AIR | RAM-AIR.LIQUID-COOLING | AIR | 612.557 | 995 | 96 | .01306 | 66 | 1240 | 65102000A |
| SHUTOFF.SOLENOID | FUEL-SYSTEM.AUXILIARY-POWER-UNIT | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 65104000 |
| SHUTOFF.SOLENOID | FUEL-SYSTEM.AUXILIARY-POWER-UNIT | AIR | 48.6263 | 129.403 | 76 | .04113 | 66 | 1250 | 65106000 |
| SHUTOFF.SOLENOID.FUEL | GAS-TURBINE-COMPRESSOR. AUXILIARY-POWER | AIR | 42.9664 | 79.7 | 100 | .11637 | 65 | 1198 | 65108000 |
| SHUTOFF.SOLENOID.FUEL | GAS-TURBINE-COMPRESSOR. AUXILIARY-POWER | AIR | 63.0367 | 102.393 | 50 | .12691 | 65 | 1198 | 65110000 |
| SHUTOFF.SOLENOID.FUEL | GAS-TURBINE-COMPRESSOR. AUXILIARY-POWER | AIR | 66.6666 | 259.313 | 68 | .015 | 63 | 1114 | 65112000 |
| SHUTOFF.SOLENOID.FUEL | GAS-TURBINE-COMPRESSOR. AUXILIARY-POWER | AIR | 136.363 | 202.063 | 102 | .088 | 63 | 1114 | 65114000 |

PART CLASS 925 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.E.C. | | | | | | | | | |
| SHUTOFF.SUCTION | NO-2-HYDRAULIC-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 65116000 |
| SHUTOFF.SUCTION | NO-1-HYDRAULIC-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 65118000 |
| SHUTOFF.1-INCH.LN2 | EXTERNAL-COOLING | GRD | 3636.36C | 7266.86C | 12 | .0011C | 66 | 1245 | 65120000A |
| SHUTOFF-AND-DIVERTER.AIR | COCKPIT | AIR | 638.297 | 815.214 | 260 | .047 | 61 | 1080 | 65122000A |
| SHUTOFF-FIRE-EXTINGUISHER. L7CA-331C | FIRE-PROTECTION.707.331B | AIR | 4CP | | | | 66 | 2361 | 65124000 |
| SHUTOFF-RAIN-REPELLANT | ICE-AND-RAIN-PROTECTION.707-331 | AIR | 35CP | | | | 65 | 2364 | 65126000 |
| SHUTOFF-RAIN-REPELLANT | ICE-AND-RAIN-PROTECTION.707-131B | AIR | 21CP | | | | 65 | 2364 | 65128000 |
| SHUTOFF/CHECK. SOLENOID-ACTUATED-POPPET | | AIR | 27.2681 | 45.8529 | | .25671 | 63 | 1123 | 65130000A |
| SHUTOFF/CONTROL.FLOW | AIR-CONDITIONING-SYSTEM | AIR | 60.6796 | 135.129 | 96 | .04944 | 65 | 1227 | 65132000 |
| SHUTOFF/CONTROL.FLOW | AIR-CONDITION-SYSTEM | AIR | 60.7828 | 112.748 | 152 | .08226 | 66 | 1250 | 65134000A |
| SHUTOFF/THROTTLING | RADOME.ANTI/DE-ICE | AIR | 120.305 | 172.965 | 100 | .11637 | 65 | 1198 | 65136000 |
| SHUTOFF/THROTTLING | RADOME.ANTI/DE-ICE | AIR | 133.333 | 354.82 | 68 | .015 | 63 | 1114 | 65138000 |
| SHUTOFF/THROTTLING | RADOME.ANTI/DE-ICE | AIR | 250 | 333.184 | 102 | .088 | 63 | 1114 | 65140000 |
| SHUTOFF/THROTTLING | RADOME.ANTI/DE-ICE | AIR | 271.29 | 359.203 | 50 | .08478 | 63 | 1198 | 65142000 |
| SHUTOFF/THROTTLING | RADOME.ANTI/DE-ICE | AIR | 291.545 | 363.116 | 50 | .12691 | 65 | 1198 | 65144000 |
| SHUTOFF/THROTTLING | RADOME.ANTI/DE-ICE | AIR | 293.333 | 390.936 | 50 | .075 | 63 | 1114 | 65146000 |
| SHUTTLE | DOOR.HYDRAULIC.CARGO-RAMP | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 65148000A |
| SHUTTLE | EMERGENCY-EXTENSION. NOSE-LANDING-GEAR | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 65150000 |
| SHUTTLE | DOOR.HYDRAULIC.CARGO-RAMP | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 65152000 |
| SHUTTLE | LANDING-GEAR-MAIN | AIR | * | 96.4641 | 62 | .02387 | 63 | 1111 | 65154000 |
| SHUTTLE | DOOR.HYDRAULIC.PRESSURE | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 65156000 |
| SHUTTLE | EMERGENCY-EXTENSION. NOSE-LANDING-GEAR | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 65158000 |
| SHUTTLE | DOOR.HYDRAULIC.PRESSURE | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 65160000A |
| SHUTTLE | DOOR.HYDRAULIC.RAMP | AIR | 1.96591 | 7.6468 | 300 | .50867 | 63 | 1198 | 65162000 |
| SHUTTLE | DOOR.HYDRAULIC.RAMP | AIR | 2.21729 | 8.62461 | 300 | .451 | 63 | 1114 | 65164000 |
| SHUTTLE | DOOR.HYDRAULIC.AFT-CARGO | AIR | 3.93174 | 15.2933 | 150 | .25434 | 63 | 1198 | 65166000 |
| SHUTTLE | DOOR.HYDRAULIC.AFT-CARGO | AIR | 4.44444 | 17.2875 | 150 | .225 | 63 | 1114 | 65168000 |
| SHUTTLE | DOOR.HYDRAULIC.AFT-CARGO | AIR | 7.8796 | 30.6492 | 50 | .12691 | 65 | 1198 | 65170000 |
| SHUTTLE | BODY.20MM-GUN | GRD | 1CR | 38.897R | 2 | .1R | 64 | 1134 | 65172000 |
| SHUTTLE | DOOR.HYDRAULIC.AFT-CARGO | AIR | 11.3636 | 44.2011 | 102 | .088 | 63 | 1114 | 65174000 |
| SHUTTLE | | AIR GND | 25.6 | | | | 61 | 2L2 | 65176000 |
| SHUTTLE | | AIR | 25.65 | | | | 57 | 2L1 | 65178000 |
| SHUTTLE | | AIR | 29.7176 | 34.4453 | | 2.692 | 63 | 2113 | 65180000 |
| SHUTTLE | | AIR | 35.4191 | 78.876 | 180 | .0847 | 64 | 1144 | 65182000A |
| SHUTTLE | HYDRAULIC-SYSTEM | AIR | 43.956 | 87.8412 | 392 | .091 | 66 | 1225 | 65184000 |
| SHUTTLE | TIP-PROTECTION-GEAR | AIR | 80.7871 | 222.97 | 62 | .02387 | 63 | 1111 | 65186000 |
| SHUTTLE | HYDRAULIC-SYSTEM | AIR | 85.1978 | 103.667 | 315 | .53992 | 65 | 1155 | 65188000 |
| SHUTTLE | | AIR | 97.6 | | | | 57 | 2L1 | 65190000 |
| SHUTTLE | | AIR | 294.736 | 379.788 | | .095 | 63 | 2121 | 65192000 |
| SHUTTLE.CANOPY | EMERGENCY-AIR-BOTTLE.AN6277-4 | AIR | 14.8588 | 18.347 | 2120 | 2.692 | 64 | 1266 | 65194000 |
| SHUTTLE-THRUST-REVERSER | EXHAUST.707-131 | AIR | 60P | | | | 66 | 2361 | 65196000 |

PART CLASS 525 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| SHUTTLE-THRUST-REVERSER | EXHAUST.707-131 | AIR | 60P | | | | 66 | 2361 | 65198000 |
| SHUTTLE-THRUST-REVERSER | EXHAUST.707-131 | AIR | 70P | | | | 65 | 2361 | 65200000 |
| SHUTTLE-THRUST-REVERSER | EXHAUST-707-131 | AIR | 140P | | | | 65 | 2364 | 65202000 |
| SLIDER | | AIR SMP GRD | 100 | | | | 58 | 212 | 65204000 |
| SNUBBER | | AIR SMP GRD | 10 | | | | 58 | 212 | 65206000 |
| SO-FIRE-EXTINGUISHER. 170A-331C | FIRE-PROTECTION.707-1318 | AIR | 30P | | | | 65 | 2364 | 65208000 |
| SO-FIRE-EXTINGUISHER. 170A-331C | FIRE-PROTECTION.707-1318 | AIR | 90P | | | | 66 | 2364 | 65210000 |
| SO-FIRE-EXTINGUISHER. 170A-331C | FIRE-PROTECTION.707-1318 | AIR | 50P | | | | 66 | 2364 | 65212000 |
| SO-FIRE-EXTINGUISHER- 170A-331C | FIRE-PROTECTION.707-1318 | AIR | 70P | | | | 66 | 2362 | 65214000 |
| SO-FIRE-EXTINGUISHER- 170A-331C | FIRE-PROTECTION.331C/373C | AIR | 130P | | | | 66 | 2365 | 65216000 |
| SO-FIRE-EXTINGUISHER- 170A-331C | FIRE-PROTECTION.331C/373C | AIR | 130P | | | | 66 | 2360 | 65218000 |
| SO-WATER-SYSTEM | WATER/WASTE.707-1318 | AIR | 30P | | | | 66 | 2361 | 65220000 |
| SO-6-DIA-PNEUMATIC | AIR-CONDITIONING.707-331 | AIR | 60P | | | | 65 | 2362 | 65222000 |
| SOLENOID | RAIN-REPELLANT-SYSTEM | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 65224000 |
| SOLENOID | TRANSMITTER.RADAR-SYSTEM | SIM GRD AIR | * | 82.9765 | 195 | .02775 | 64 | 1181 | 65226000 |
| SOLENOID | EMERGENCY-DEPRESSURIZATION. AIR-CONDITION | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 65228000A |
| SOLENOID | BLEED-CONTROL.PNEUMATIC-SYSTEM. AUXILIARY-POWER-UNIT | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 65230000 |
| SOLENOID | TURBINE-PUMP-ASSEMBLY | SIM MSL | * | 767.533C | | .003C | 62 | 1089 | 65232000 |
| SOLENOID | RAIN-REPELLANT-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 65234000 |
| SOLENOID | TRANSMITTER.RADAR.SYSTEM | SIM GRD AIR | * | 115.13 | 139 | .02 | 63 | 1117 | 65236000A |
| SOLENOID | BLEED-CONTROL.PNEUMATIC-SYSTEM. AUXILIARY-POWER-UNIT | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 65238000A |
| SOLENOID | | | .0718C | | | | 66 | 2231 | 65240000 |
| SOLENOID | | LAB | .0718181C | .1106481C | | 139.24C | 65 | 2239 | 65242000 |
| SOLENOID | | | .526078 | .844631 | | 13,306 | 62 | 2239 | 65244000 |
| SOLENOID | REFRIGERATION-UNIT | GRD | 1.58805 | 4.22806 | 150 | 3.2594 | 65 | 1216 | 65246000A |
| SOLENOID | ANTI-ICING | AIR | 8.19179 | 18.2425 | 244 | .36622 | 65 | 1201 | 65248000 |
| SOLENOID | ACCELERATOR-LIMITER. GAS-TURBINE-COMPRESSOR. AUXILIARY-POWER | AIR | 8.59328 | 33.4292 | 100 | .11637 | 65 | 1198 | 65250000 |
| SOLENOID | | LAB | 11 | | | | 63 | 1138 | 65252000 |
| SOLENOID | ANTI-ICING.ELECTRICAL-SYSTEM | AIR | 11.682 | 20.506 | 528 | .51361 | 65 | 1201 | 65254000 |
| SOLENOID | CANOPY-SEAL-SYSTEM | AIR | 17.5024 | 34.9765 | 946 | .22854 | 65 | 1228 | 65256000 |
| SOLENOID | | AIR GND | 22 | | | | 61 | 212 | 65258000 |
| SOLENOID | | GEN | 23 | | | | 62 | 1078 | 65260000 |
| SOLENOID | AUTO-FLIGHT-CONTROL-SYSTEM | SIM GRD AIR | 33.3333 | 129.656 | 139 | .03 | 62 | 1117 | 65262000 |
| SOLENOID | AUTO-FLIGHT-CONTROL-SYSTEM | SIM GRD AIR | 48.1 | 128.00Y | 195 | .04158 | 64 | 1181 | 65264000A |

PART CLASS 925 VALVES

| PART DESCRIPTION .00 N.O.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| SOLENOID | | AIR | 69.7674 | 95.9544 | 2520 | .258 | 61 | 1000 | 45266000A |
| SOLENOID | TOGGLE-LATCH | AIR | 83.3333 | 324.141 | 31 | .012 | 63 | 1111 | 65268000 |
| SOLENOID | INFRARED-SEARCH-AND-TRACK | AIR | 156 | | 1 | | 66 | 2006 | 65270000 |
| SOLENOID | ACCELERATOR-LIMITER, GAS-TURBINE-COMPRESSOR, AUXILIARY-POWER | AIR | 181.23 | 239.959 | 50 | .12691 | 65 | 1198 | 65272000 |
| SOLENOID | ATM.AUXILIARY-POWER-PLANT | AIR | 227.272 | 307.33 | 102 | .088 | 63 | 1114 | 65274000 |
| SOLENOID | ATM.AUXILIARY-POWER-PLANT | AIR | 253.333 | 345.367 | 50 | .079 | 63 | 1114 | 65276000 |
| SOLENOID | ATM.AUXILIARY-POWER-PLANT | AIR | 259.498 | 345.839 | 50 | .08478 | 63 | 1198 | 65278000 |
| SOLENOID | ATM.AUXILIARY-POWER-PLANT | AIR | 266.666 | 522.903 | 69 | .015 | 63 | 1114 | 65280000 |
| SOLENOID | ATM.AUXILIARY-POWER-PLANT | AIR | 275.785 | 345.69 | 50 | .12691 | 65 | 1198 | 65282000 |
| SOLENOID | ATM.AUXILIARY-POWER-PLANT | AIR | 300.764 | 377 | 100 | .11637 | 65 | 1198 | 65284000 |
| SOLENOID | INFRARED-SEARCH-AND-TRACK | AIR | 316 | | 1 | | 66 | 2006 | 65286000 |
| SOLENOID | ACCELERATOR-LIMITER, GAS-TURBINE-COMPRESSOR, AUXILIARY-POWER | AIR | 443.181 | 548.739 | 102 | .088 | 63 | 1114 | 65288000 |
| SOLENOID | | AIR | 550 | | | | 61 | 1068 | 65290000 |
| SOLENOID, EMERGENCY-DEPRESSURIZATION | AIR-CONDITIONING | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 65292000 |
| SOLENOID.AIR | PURGE-SYSTEM | AIR | 10.0334 | 22.3438 | 200 | .299 | 63 | 1114 | 65294000 |
| SOLENOID.AIR | | AIR | 14.3149 | 20.5807 | | .978 | 61 | 1083 | 65296000 |
| SOLENOID.AIR | | AIR | 23.2558 | 46.4341 | | .172 | 61 | 1084 | 65298000 |
| SOLENOID.AIR | | AIR | 85.7142 | 190.88 | | .035 | 61 | 1082 | 65300000 |
| SOLENOID.AIR | REFUELING-CART | AIR | 166.666 | 443.525 | 31 | .012 | 63 | 1111 | 65302000 |
| SOLENOID.AIR | | AIR | 800 | 1998.71 | 16 | .005 | 59 | 1110 | 65304000 |
| SOLENOID.AIR | VACUUM/PRESSURE-CALIBRATION-RACK | GRD | 952.38 | 2534.42 | | .0021 | 62 | 1141 | 65306000 |
| SOLENOID.AIR.BLEED | | AIR | 188.902 | 265.072 | 180 | .0847 | 64 | 1144 | 65308000A |
| SOLENOID.AIR.STARTING | | AIR | 114.285 | 228.387 | 320 | .035 | 61 | 1080 | 65310000 |
| SOLENOID.CONTROL | CANOPY-SEAL-SYSTEM | AIR | 5.70385 | 22.1862 | 812 | .17532 | 64 | 1179 | 65312000 |
| SOLENOID.CONTROL.FUEL-PRESSURE.2-WAY, 2-POSITION.GN2 | | GRD | 73000 | 8421.40 | 123 | .010 | 66 | 1245 | 65314000A |
| SOLENOID.CONTROL.LOAD-BANK | | HELI | 185.185 | 720.314 | 2 | .0054 | 66 | 1257 | 65316000 |
| SOLENOID.CONTROL.2-WAY | | AIR | 141.104 | 165.467 | | .489 | 61 | 1083 | 65318000 |
| SOLENOID.CONTROL.2-WAY, 2-POSITION.FUEL | | GRD | * | 115130 | 7 | .00020 | 66 | 1245 | 65320000A |
| SOLENOID.CONTROL.2-WAY, 2-POSITION.GN2 | | GRD | * | 115130 | 15 | .00020 | 66 | 1245 | 65322000A |
| SOLENOID.CONTROL.3-WAY | | AIR | 23.8095 | 92.6119 | | .042 | 61 | 1082 | 65324000 |
| SOLENOID.CONTROL.4-WAY | | AIR | * | 46.3964 | | .057 | 61 | 1084 | 65326000 |
| SOLENOID.CONTROL.4-WAY | | AIR | 111.111 | 186.839 | | .063 | 61 | 1082 | 65328000 |
| SOLENOID.CONTROL.4-WAY | | AIR | 168.711 | 201.776 | | .326 | 61 | 1083 | 65330000 |
| SOLENOID.DUMP | | AIR | 46.875 | 104.387 | | .064 | 59 | 1070 | 65332000 |
| SOLENOID.FUEL | | AIR | * | 21.9298 | | .105 | 61 | 1082 | 65334000 |

PART CLASS 525 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .CC N.O.C. | | | | | | | | | |
| SOLENOID.FUEL | | AIR | 8.69565 | 33.8234 | | .115 | 61 | 1084 | 65336000 |
| SOLENOID.FUEL | | AIR | 27.6073 | 43.5766 | | .326 | 61 | 1083 | 65338000 |
| SOLENOID.FUEL.DUAL-PILOT. MIL-F-8615.28VDC-C-60PSIG | | HELI | 2[illegible] | 391.07 | 120 | .03 | 65 | 1215 | 65340000 |
| SOLENOID.FUEL.DUMP | | AIR | 189.[illegible]73 | 260.592 | 76 | .095 | 64 | 1266 | 65342000A |
| SOLENOID.FUEL.STARTING | | AIR | 28.5714 | 111.134 | 320 | .035 | 61 | 1080 | 65344000 |
| SOLENOID.FUEL.STARTING | | HELI | 28.9017 | 112.419 | 40 | .0346 | 66 | 1257 | 65346000 |
| SOLENOID.HYDROGEN-PEROXIDE | | GRD | 1.666666C | 4.43525C | | 1.2C | 62 | 1136 | 65348000 |
| SOLENOID.MULTI-APPLICATION | | GRD | 20000C | 35107C | 16 | .0003C | 66 | 1245 | 65350000A |
| SOLENOID.OPERATED | (STORAGE) | MSL | .1 | | | | 65 | 2440 | 65352000 |
| SOLENOID.PILOT-OPERATED | THRUST-CHAMBER | SIM MSL | * | 767.533C | | .003C | 62 | 1089 | 65354000 |
| SOLENOID.POPPET | | LAB | 1.602256C | 6.23349C | 89 | .624C | 62 | 1085 | 65356000 |
| SOLENOID.POPPET | LOX/SOX-PURGE | GRD | 1052.63C | 2801.21C | 19 | .0019C | 66 | 1245 | 65358000A |
| SOLENOID.POPPET.GN2.24V | FILL/VENT | GRD | 6923.07C | 10927.6C | 29 | .0013C | 66 | 1245 | 65360000A |
| SOLENOID.POPPET.2-WAY | LOX-TANK-CAMERA.ANTI-FOG | GRD | 6666.66C | 17741C | 8 | .0003C | 66 | 1245 | 65362000A |
| SOLENOID.POPPET.2-WAY. 2-POSITION.GN2. CALORIMETER-PURGE | | GRD | * | 2558.44C | 27 | .0009C | 66 | 1245 | 65364000A |
| SOLENOID.SELECTOR | RUDDER-FEEL-TRIM | AIR | 58.9564 | 103.489 | | .10177 | 65 | 1188 | 65366000 |
| SOLENOID.SELECTOR | | AIR | 125 | 278.366 | 62 | .024 | 63 | 1111 | 65368000 |
| SOLENOID.SELECTOR. 2-POSITION.3-WAY | RUDDER-FEEL | AIR | 58.9564 | 103.489 | | .10177 | 66 | 1241 | 65370000 |
| SOLENOID.SELECTOR.3-WAY | | AIR | 102.23 | 122.265 | 424 | .538 | 64 | 1266 | 65372000A |
| SOLENOID.THREE-WAY | | | 23 | | | | 65 | 2L9 | 65374000 |
| SOLENOID.VENT | | GRD | * | 57565C | | .00004C | 66 | 2MS1 | 65376000 |
| SOLENOID.VENT | | GRD | 27777.7C | 51926.1C | | .00018C | 66 | 2MS1 | 65378000 |
| SOLENOID.VENT.H202 | | GRD | 1250C | 3326.43C | 28 | .0016C | 65 | 1171 | 65380000 |
| SOLENOID.VENT.POPPET. PRESSURE.GN2 | | GRD | 25000C | 46373.5C | 5 | .0002C | 66 | 1245 | 65382000A |
| SOLENOID.WATER | | LAB | * | 11.513C | | .20000C | 64 | 2239 | 65384000 |
| SOLENOID.2-WAY,2-POSITION. LN2 | COOLER-VENT | GRD | [illegible]00C | 10644.6C | 6 | .0005C | 66 | 1245 | 65385000A |
| SOLENOID.28VDC | CABIN-HEATER | HELI | 100 | 222.693 | 120 | .03 | 65 | 1215 | 65388000 |
| SOLENOID-CONTROL | CANOPY-SEAL-SYSTEM | AIR | 4.82765 | 8.955 | 1194 | 1.0357 | 67 | 1272 | 65390000 |
| SOLOP-SO-FIRE-EXTINGUISHER | FIRE-PROTECTION.727 | AIR | 70P | | | | 66 | 2365 | 65392000 |
| SPEED | | AIR | 11.5317 | 15.2686 | 1716 | 1.9945 | 65 | 1201 | 65394000 |
| SPEED-SENSITIVE | BASIC-ENGINE | AIR | 1.79079 | 6.96567 | 708 | .55841 | 65 | 1201 | 65396000 |
| SPEED-SENSITIVE | COMPR/MIDRAME.BASIC-ENGINE | AIR | 30.0764 | 43.2413 | 400 | .46548 | 65 | 1198 | 65398000 |
| SPEED-SENSITIVE | COMPR/MIDFRAME.BASIC-ENGINE | AIR | 32.258 | 85.8435 | 272 | .062 | 63 | 1114 | 65400000 |
| SPEED-SENSITIVE | | AIR | 32.7671 | 48.5542 | 244 | .36622 | 65 | 1201 | 65402000 |
| SPEED-SENSITIVE | | AIR | 36.9256 | 53.0885 | 400 | .37914 | 65 | 1201 | 65404000 |
| SPEED-SENSITIVE | COMPR/MIDFRAME.BASIC-ENGINE | AIR | 40.1337 | 59.47 | 200 | .299 | 63 | 1114 | 65406000 |
| SPEED-SENSITIVE | COMPR/MIDFRAME.BASIC-ENGINE | AIR | 41.2833 | 59.3536 | 200 | .33912 | 63 | 1198 | 65408000 |
| SPEED-SENSITIVE | COMPR/MIDFRAME.BASIC-ENGINE | AIR | 48.1586 | 66.8728 | 408 | .353 | 63 | 1114 | 65410000 |
| SPEED-SENSITIVE | | AIR | 56.7536 | 220.754 | 64 | .01762 | 65 | 1201 | 65412000 |

PART CLASS 925 VALVES

| PART DESCRIPTION .00 N.O.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| SPEED-SENSITIVE | COMPR/MIDFRAME.BASIC-ENGINE | AIR | 61.0681 | 77.6743 | 200 | .50763 | 65 | 1198 | 65414000 |
| SPEED-SENSITIVE | TURBO-ENGINE | AIR | 61.7501 | 77.4021 | 500 | .5668 | 66 | 1277 | 65416000 |
| SPEED-SENSITIVE | BASIC-ENGINE | AIR | 66.1318 | 85.4013 | 528 | .51371 | 65 | 1201 | 65418000 |
| SPHERE-FILLED-VENT | | GRD | 2000C | 5322.30 | | .001000 | 66 | 2MS1 | 65420000 |
| SPOILER-CONTROL | FLIGHT-CONTROLS.880 | AIR | 80P | | | | 66 | 2365 | 65422000 |
| SPOILER-CONTROL | FLIGHT-CONTROLS.707-131 | AIR | 140P | | | | 65 | 2364 | 65424000 |
| SPOOL | | LAB | 6.9 | | | | 63 | 1138 | 65426000 |
| STARTER | | AIR | 4814.81 | 5402.42 | 94 | .027 | 61 | 1080 | 65428000 |
| STARTER.SHUT-OFF | STARTING.880 | AIR | 290P | | | | 66 | 2360 | 65430000 |
| STARTER.SHUT-OFF | STARTING.880 | AIR | 360P | | | | 65 | 2360 | 65432000 |
| STARTER.SHUT-OFF | STARTING.880 | AIR | 380P | | | | 66 | 2360 | 65434000 |
| STARTER-SHUTOFF | STARTING.707-1318 | AIR | 80P | | | | 65 | 2362 | 65436000 |
| STARTER-SHUTOFF | STARTING.880 | AIR | 260P | | | | 66 | 2365 | 65438000 |
| STARTER-SHUTOFF | STARTING.880 | AIR | 280P | | | | 66 | 2365 | 65440000 |
| STARTER-SHUTOFF | STARTING.880 | AIR | 440P | | | | 65 | 2365 | 65442000 |
| STATIC-SELECTOR | NAVIGATION.880 | AIR | 140P | | | | 66 | 2360 | 65444000 |
| STATIC-SELECTOR | NAVIGATION.880 | AIR | 150P | | | | 66 | 2363 | 65446000 |
| STATIC-SELECTOR | NAVIGATION.880 | AIR | 160P | | | | 66 | 2365 | 65448000 |
| STATIC-SELECTOR | NAVIGATION.707-3318 | AIR | 280P | | | | 66 | 2362 | 65450000 |
| STATIC-SELECTOR | NAVIGATION.331C/373C | AIR | 510P | | | | 66 | 2363 | 65452000 |
| STATIC-SELECTOR | NAVIGATION-707-331 | AIR | 670P | | | | 66 | 2364 | 65454000 |
| STATIC-SELECTOR | NAVIGATION-707-331 | AIR | 1250P | | | | 66 | 2364 | 65456000 |
| STEERING-DISCONNECT | LANDING-GEAR.707-3318 | AIR | 190P | | | | 66 | 2364 | 65458000 |
| STEERING-DISCONNECT | LANDING-GEAR.707-131 | AIR | 230P | | | | 66 | 2364 | 65460000 |
| STEERING-DISCONNECT | LANDING-GEAR.707-3318 | AIR | 240P | | | | 66 | 2362 | 65462000 |
| STEERING-DISCONNECT | LANDING-GEAR.707-331 | AIR | 340P | | | | 66 | 2362 | 65464000 |
| SUPERCHARGER-DRIVE-SG | AIR-CONDITIONING.880 | AIR | 80P | | | | 66 | 2363 | 65466000 |
| SUPERCHARGER-DRIVE-SG | AIR-CONDITIONING.880 | AIR | 130P | | | | 66 | 2363 | 65468000 |
| SUPERCHARGER-DRIVE-SG | AIR-CONDITIONING.880 | AIR | 140P | | | | 66 | 2365 | 65470000 |
| SUPERCHARGER-DRIVE-SG | AIR-CONDITIONING.880 | AIR | 160P | | | | 65 | 2365 | 65472000 |
| SUPERCHARGER-DRIVE-SG | AIR-CONDITIONING.880 | AIR | 180P | | | | 65 | 2363 | 65474000 |
| SUPERCHARGER-DRIVE-SG | AIR-CONDITIONING.880 | AIR | 220P | | | | 66 | 2360 | 65476000 |
| SUPERCHARGER-DRIVE-SG | AIR-CONDITIONING.880 | AIR | 300P | | | | 66 | 2360 | 65478000 |
| SUPERCHARGER-DRIVE-SG | AIR-CONDITIONING.880 | AIR | 3000P | | | | 66 | 2365 | 65480000 |
| SURGE-DAMPING | HYDRAULIC.POWER-SUPPLY | AIR | 15.7269 | 31.4286 | 150 | .25434 | 63 | 1198 | 65482000 |
| SURGE-DAMPING | HYDRAULIC.POWER-SUPPLY | AIR | 17.7777 | 35.5268 | 150 | .225 | 63 | 1114 | 65484000 |
| SURGE-DAMPING | HYDRAULIC.LANDING-GEAR.MAIN | AIR | 135.645 | 179.601 | 100 | .16956 | 63 | 1198 | 65486000 |
| SURGE-DAMPING | HYDRAULIC.LANDING-GEAR.MAIN | AIR | 140.939 | 189.156 | 100 | .149 | 63 | 1114 | 65488000 |
| SWING-CHECK-SKYDROL | HYDRAULIC-POWER.707-331 | AIR | 170P | | | | 66 | 2364 | 65490000 |
| SWING-CK-SKYDROL | HYDRAULIC-POWER.707.331 | AIR | 130P | | | | 66 | 2361 | 65492000 |
| TAI-NOSE-COWL-AIR | AIR.707-3318 | AIR | 30P | | | | 66 | 2364 | 65494000 |
| TAI-NOSE-COWL-AIR | AIR.707-1318 | AIR | 80P | | | | 65 | 2362 | 65496000 |
| TC-OIL-COOLER-REGULATOR | OIL.707-331 | AIR | 80P | | | | 66 | 2362 | 65498000 |
| TEMPERATURE-CONTROL | AIR-CONDITIONING.707-331 | AIR | 340P | | | | 65 | 2362 | 65500000 |
| TEMPERATURE-DATUM | FUEL-SYSTEM | AIR | 3.58159 | 9.53116 | 708 | .55841 | 65 | 1201 | 65502000 |

PART CLASS 925 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .06 N.O.C. | | | | | | | | | |
| TEMPERATURE-DATUM | FUEL-SYSTEM | AIR | 13.5372 | 17.5278 | 1716 | 1.9945 | 65 | 1201 | 65504000 |
| TEMPERATURE-DATUM | FUEL-SYSTEM | AIR | 24.5753 | 38.7908 | 244 | .36622 | 65 | 1201 | 65506000 |
| TEMPERATURE-DATUM | TURBOPROP.T56-A7 | AIR | 42.8173 | 69.5498 | 481 | .18684 | 65 | 1192 | 65508000 |
| TEMPERATURE-DATUM | FUEL-SYSTEM | AIR | 64.5161 | 128.928 | 272 | .062 | 63 | 1114 | 65510000 |
| TEMPERATURE-DATUM | FUEL-SYSTEM | AIR | 77.3395 | 96.6272 | 400 | .46548 | 65 | 1198 | 65512000 |
| TEMPERATURE-DATUM | FUEL-SYSTEM | AIR | 122.661 | 144.939 | 528 | .51361 | 65 | 1201 | 65514000 |
| TEMPERATURE-DATUM | FUEL-SYSTEM | AIR | 205.720 | 238.918 | 400 | .37914 | 65 | 1201 | 65516000 |
| TEMPERATURE-DATUM | FUEL-SYSTEM | AIR | 236.392 | 266.52 | 200 | .50763 | 65 | 1198 | 65518000 |
| TEMPERATURE-DATUM | FUEL-SYSTEM | AIR | 274.787 | 314.111 | 408 | .353 | 63 | 1114 | 65520000 |
| TEMPERATURE-DATUM | FUEL-SYSTEM | AIR | 283.768 | 526.373 | 64 | .01762 | 65 | 1201 | 65522000 |
| TEMPERATURE-DATUM | FUEL-SYSTEM | AIR | 356.805 | 402.075 | 200 | .33912 | 63 | 1198 | 65524000 |
| TEMPERATURE-DATUM | FUEL-SYSTEM | AIR | 361.204 | 409.951 | 200 | .299 | 63 | 1114 | 65526000 |
| TEST.PRESSURIZATION | AIR-CONDITIONING | AIR | * | 9.07178 | 100 | .25382 | 65 | 1198 | 65528000 |
| TEST.PRESSURIZATION | AIR-CONDITIONING | AIR | * | 13.5798 | 100 | .16916 | 63 | 1198 | 65530000 |
| TEST.PRESSURIZATION | AIR-CONDITIONING | AIR | * | 23.2868 | 192 | .09888 | 65 | 1227 | 65532000 |
| TEST.PRESSURIZATION | AIR-CONDITIONING | AIR | * | 9.89344 | 200 | .23274 | 65 | 1198 | 65534000 |
| TEST.PRESSURIZATION | AIR-CONDITION | AIR | * | 13.9975 | 304 | .1645 | 66 | 1250 | 65536000 |
| THERMAL | INFRARED-SEARCH-AND-TRACK | AIR | 158 | | 1 | | 66 | 2006 | 65538000 |
| THERMO | | | .054 | | | | 65 | 2239 | 65540000 |
| THROTTLE | FUEL-SYSTEM | AIR | * | 13.9975 | 304 | .1645 | 66 | 1250 | 65542000 |
| THRUST-RECOVERY | AIR-CONDITIONING.707-131B | AIR | 40P | | | | 66 | 2361 | 65544000 |
| THRUST-RECOVERY | AIR-CONDITIONING.707-131B | AIR | 40P | | | | 66 | 2362 | 65546000 |
| THRUST-RECOVERY | AIR-CONDITIONING.707-131B | AIR | 40P | | | | 66 | 2364 | 65548000 |
| THRUST-RECOVERY | AIR-CONDITIONING.707-331B | AIR | 60P | | | | 66 | 2364 | 65550000 |
| THRUST-RECOVERY | AIR-CONDITIONING.707-131 | AIR | 80P | | | | 66 | 2362 | 65552000 |
| THRUST-RECOVERY | AIR-CONDITIONING.707-321B | AIR | 90P | | | | 66 | 2362 | 65554000 |
| THRUST-RECOVERY | AIR-CONDITIONING.707-131 | AIR | 90P | | | | 65 | 2364 | 65556000 |
| THRUST-RECOVERY | AIR-CONDITIONING.707-131 | AIR | 90P | | | | 65 | 2361 | 65558000 |
| THRUST-RECOVERY | AIR-CONDITIONING.707-321 | AIR | 100P | | | | 65 | 2364 | 65560000 |
| THRUST-RECOVERY | AIR-CONDITIONING.707-131 | AIR | 100P | | | | 65 | 2362 | 65562000 |
| THRUST-RECOVERY | AIR-CONDITIONING.707-331 | AIR | 110P | | | | 66 | 2364 | 65564000 |
| THRUST-RECOVERY | AIR-CONDITIONING.707-331 | AIR | 110P | | | | 66 | 2362 | 65566000 |
| THRUST-RECOVERY | AIR-CONDITIONING.707-131B | AIR | 140P | | | | 65 | 2364 | 65568000 |
| THRUST-RECOVERY | AIR-CONDITIONING.331C/373C | AIR | 160P | | | | 65 | 2365 | 65570000 |
| THRUST-RECOVERY | AIR-CONDITIONING.707-331 | AIR | 210P | | | | 66 | 2364 | 65572000 |
| THRUST-RECOVERY | AIR-CONDITIONING.707-131 | AIR | 250P | | | | 66 | 2362 | 65574000 |
| THRUST-RECOVERY | AIR-CONDITIONING.707-131B | AIR | 310P | | | | 66 | 2364 | 65576000 |
| THRUST-REV-PILOT | EXHAUST.880 | AIR | 40P | | | | 66 | 2363 | 65578000 |
| THRUST-REV-PILOT | EXHAUST.990 | AIR | 50P | | | | 65 | 2363 | 65580000 |
| THRUST-REV-SEL | EXHAUST.88 | AIR | 80P | | | | 65 | 2360 | 65582000 |
| THRUST-REV-SELECTOR | EXHAUST.990 | AIR | 40P | | | | 66 | 2363 | 65584000 |
| THRUST-REV-SELECTOR | EXHAUST.88 | AIR | 40P | | | | 66 | 2363 | 65586000 |
| THRUST-REV-SELECTOR | EXHAUST.88 | AIR | 50P | | | | 65 | 2363 | 65588000 |
| THRUST-REVERSER-SEL | EXHAUST.88 | AIR | 40P | | | | 66 | 2365 | 65590000 |
| THRUST-REVERSER-SEL | EXHAUST.660 | AIR | 40P | | | | 65 | 2365 | 65592000 |

PART CLASS 525 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HRS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| TRANSFER | | LAB | .5 | | | | 63 | 1138 | 65594000 |
| TRANSFER | | AIR | 5 | | | | 57 | 2L1 | 65596000 |
| TRANSFER | GROUND.SINGLE-POINT-REFUELING | AIR | 7.8796 | 30.6492 | 100 | .12691 | 65 | 1198 | 65598000 |
| TRANSFER | GROUND.SINGLE-POINT-REFUELING | AIR | 11.7952 | 45.8799 | 50 | .08478 | 63 | 1198 | 65600000 |
| TRANSFER | GROUND.SINGLE-POINT-REFUELING | AIR | 13.3333 | 51.8626 | 50 | .075 | 63 | 1114 | 65602000 |
| TRANSFER | FUEL-SYSTEM | AIR | 13.3779 | 26.7342 | 200 | .299 | 63 | 1114 | 65604000 |
| TRANSFER | FUEL-SYSTEM | AIR | 14.744 | 27.3493 | 200 | .33912 | 63 | 1198 | 65606000 |
| TRANSFER | GROUND.SINGLE-POINT-REFUELING | AIR | 17.1865 | 45.736 | 100 | .11637 | 65 | 1198 | 65608000 |
| TRANSFER | | AIR SHP GRD | 20 | | | | 58 | 2L2 | 65610000 |
| TRANSFER | | AIR | 32.5 | | | | 57 | 2L1 | 65612000 |
| TRANSFER | ENGINE-FUEL-SUPPLY | AIR | 59.7728 | 104.922 | | .10038 | 63 | 1123 | 65614000A |
| TRANSFER | ENGINE-FUEL-SUPPLY | AIR | 111.111 | 432.188 | 32 | .009 | 59 | 1110 | 65616000 |
| TRANSFER | FUEL-SYSTEM.FOREWARD-TANK | AIR | 153.139 | 595.666 | 43 | .00653 | 66 | 1240 | 65618000A |
| TRANSFER | AIR-REFUELING | AIR | 216.216 | 351.208 | 128 | .037 | 59 | 1110 | 65620000 |
| TRANSFER.FUEL | BOMB-BAY-AUXILIARY | AIR | 51.0464 | 198.555 | 129 | .01959 | 66 | 1240 | 65622000A |
| TRANSFER.FUEL.CONTROL | HYDRAULIC-DRIVE | AIR | 35.034, | 78.0193 | | .08563 | 66 | 1241 | 65624000 |
| TRANSFER.SHUTOFF.FUEL.LOW-LEVEL.SOLENOID | | AIR | 174.367 | 239.816 | | .10323 | 66 | 1241 | 65626000 |
| TRANSFER/LOW-LEVEL-SHUTOFF | WING.INBOARD | AIR | 45.7456 | 60.2004 | | .52464 | 66 | 1241 | 65628000 |
| TRANSFER/LOW-LEVEL-SHUTOFF | WING.OUTBOARD | AIR | 129.612 | 163.02 | | .26232 | 66 | 1241 | 65630000 |
| TRUNNION.SHUTOFF | STEERING-SYSTEM | AIR | * | 48.2219 | 124 | .04775 | 63 | 1111 | 65632000 |
| TURBO-COMP.PRESSURE-REGULATOR | AIR-CONDITIONING.707-331 | AIR | 210P | | | | 65 | 2364 | 65634000 |
| TURBO-COMP.PRESSURE-REGULATOR | AIR-CONDITIONING.707-131 | AIR | 230P | | | | 66 | 2364 | 65636000 |
| TURBO-COMP.PRESSURE-REGULATOR | AIR-CONDITIONING.707-131 | AIR | 300P | | | | 66 | 2364 | 65638000 |
| TURBO-COMP.PRESSURE-REGULATOR | AIR-CONDITIONING.707-331 | AIR | 420P | | | | 66 | 2364 | 65640000 |
| TURBO-COMP.PRESSURE-REGULATOR | AIR-CONDITIONING.707-331 | AIR | 560P | | | | 66 | 2364 | 65642000 |
| TURBO-COMP.PRESSURE-REGULATOR | AIR-CONDITIONING.707-131 | AIR | 730P | | | | 65 | 2364 | 65644000 |
| TURBO-COMP-PRESSURE-REGULATOR | AIR-CONDITIONING.707-331 | AIR | 340P | | | | 65 | 2362 | 65646000 |
| TURBO-COMP-PRESSURE-REGULATOR | AIR-CONDITIONING.707-331 | AIR | 410P | | | | 66 | 2362 | 65648000 |
| TURBO-COMP-PRESSURE-REGULATOR | AIR-CONDITIONING.707-131 | AIR | 610P | | | | 66 | 2362 | 65650000 |
| TURBO-COMP-PRESSURE-REGULATOR | AIR-CONDITIONING.707-131 | AIR | 660P | | | | 66 | 2362 | 65652000 |
| TURBO-COMP-PRESSURE-REGULATOR | AIR-CONDITIONING.707-331 | AIR | 900P | | | | 66 | 2362 | 65654000 |
| TURBO-COMP-PRESSURE-REGULATOR | AIR-CONDITIONING.707-131 | AIR | 1010P | | | | 65 | 2362 | 65656000 |

PART CLASS 925 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 9C CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| N.O.C. | | | | | | | | | |
| TURBO-COMP-CHECK | AIR-CONDITIONING.707-1318 | AIR | 20P | | | | 66 | 2362 | 65658000 |
| TURBO-COMP-CHECK | AIR-CONDITIONING.707-3318 | AIR | 20P | | | | 66 | 2361 | 65660000 |
| TURBO-COMP-CHECK | AIR-CONDITIONING.707-1318 | AIR | 20P | | | | 66 | 2361 | 65662000 |
| TURBO-COMP-CHECK | AIR-CONDITIONING.707-3318 | AIR | 30P | | | | 66 | 2362 | 65664000 |
| TURBO-COMP-CHECK | AIR-CONDITIONING.707-131 | AIR | 30P | | | | 66 | 2361 | 65666000 |
| TURBO-COMP-CHECK | AIR-CONDITIONING.707-331 | AIR | 40P | | | | 65 | 2364 | 65668000 |
| TURBO-COMP-CHECK | AIR-CONDITIONING.707-131 | AIR | 40P | | | | 65 | 2362 | 65670000 |
| TURBO-COMP-CHECK | AIR-CONDITIONING.707-1318 | AIR | 40P | | | | 65 | 2364 | 65672000 |
| TURBO-COMP-CHECK | AIR-CONDITIONING.707-131 | AIR | 40P | | | | 66 | 2362 | 65674000 |
| TURBO-COMP-CHECK | AIR-CONDITIONING.707-331 | AIR | 40P | | | | 65 | 2361 | 65676000 |
| TURBO-COMP-CHECK | AIR-CONDITIONING.707-1318 | AIR | 50P | | | | 65 | 2362 | 65678000 |
| TURBO-COMP-CHECK | AIR-CONDITIONING.707-3318 | AIR | 50P | | | | 65 | 2361 | 65680000 |
| TURBO-COMP-CHECK | AIR-CONDITIONING.707-331 | AIR | 50P | | | | 65 | 2362 | 65682000 |
| TURBO-COMP-CHECK | AIR-CONDITIONING.707-331 | AIR | 50P | | | | 66 | 2364 | 65684000 |
| TURBO-COMP-CHECK | AIR-CONDITIONING.707-131 | AIR | 70P | | | | 65 | 2361 | 65686000 |
| TURBO-COMP-CHECK | AIR-CONDITIONING.707-1318 | AIR | 70P | | | | 66 | 2361 | 65688000 |
| TURBO-COMP-CHECK | AIR-CONDITIONING.707-3318 | AIR | 80P | | | | 65 | 2362 | 65690000 |
| TURBO-COMP-CHECK | AIR-CONDITIONING.707-131 | AIR | 100P | | | | 66 | 2362 | 65692000 |
| TURBO-COMP-CHECK | AIR-CONDITIONING.707-331 | AIR | 100P | | | | 66 | 2362 | 65694000 |
| TURBO-COMP-CHECK | AIR-CONDITIONING.707-131 | AIR | 100P | | | | 66 | 2364 | 65696000 |
| TURBO-COMP-CHECK | AIR-CONDITIONING.707-131 | AIR | 100P | | | | 66 | 2361 | 65698000 |
| TURBO-COMP-CHECK | AIR-CONDITIONING.707-331 | AIR | 130P | | | | 66 | 2362 | 65700000 |
| TURBO-COMP-CHECK | AIR-CONDITIONING.331C/373C | AIR | 140P | | | | 66 | 2365 | 65702000 |
| TURBO-COMP-CHECK | AIR-CONDITIONING.707-1318 | AIR | 150P | | | | 65 | 2361 | 65704000 |
| TURBO-COMP-CHECK | AIR-CONDITIONING.707-131 | AIR | 190P | | | | 65 | 2364 | 65706000 |
| TURBO-COMP-PRESSURE | AIR-CONDITIONING.707-331 | AIR | 180P | | | | 66 | 2361 | 65708000 |
| TURBO-COMP-PRESSURE | AIR-CONDITIONING.707-331 | AIR | 190P | | | | 66 | 2361 | 65710000 |
| TURBO-COMP-PRESSURE | AIR-CONDITIONING.707-131 | AIR | 300P | | | | 66 | 2361 | 65712000 |
| TURBO-COMP-PRESSURE | AIR-CONDITIONING.707-331 | AIR | 430P | | | | 65 | 2361 | 65714000 |
| TURBO-COMP-PRESSURE | AIR-CONDITIONING.707-131 | AIR | 440P | | | | 66 | 2361 | 65716000 |
| TURBO-COMP-PRESSURE | AIR-CONDITIONING.707-131 | AIR | 700P | | | | 65 | 2361 | 65718000 |
| TURBO-REG | AIR-CONDITIONING.707-3318 | AIR | 90P | | | | 66 | 2361 | 65720000 |
| TURBO-REG | AIR-CONDITIONING.707-1318 | AIR | 230P | | | | 66 | 2361 | 65722000 |
| TURBO-REG | AIR-CONDITIONING.707-3318 | AIR | 420P | | | | 66 | 2361 | 65724000 |
| TURBO-REG | AIR-CONDITIONING.707-1318 | AIR | 440P | | | | 66 | 2361 | 65726000 |
| TURBO-REG | AIR-CONDITIONING.707-1318 | AIR | 530P | | | | 65 | 2361 | 65728000 |
| TURBO-REG | AIR-CONDITIONING.707-3318 | AIR | 680P | | | | 65 | 2361 | 65730000 |
| TURBO-REGULATOR | AIR-CONDITIONING.331C/373C | AIR | 170P | | | | 66 | 2365 | 65732000 |
| TURBO-REGULATOR | AIR-CONDITIONING.707-3318 | AIR | 190P | | | | 66 | 2362 | 65734000 |
| TURBO-REGULATOR | AIR-CONDITIONING.707-3318 | AIR | 190P | | | | 66 | 2364 | 65736000 |
| TURBO-REGULATOR | AIR-CONDITIONING.331C/373C | AIR | 190P | | | | 65 | 2363 | 65738000 |
| TURBO-REGULATOR | AIR-CONDITIONING.707-1318 | AIR | 270P | | | | 66 | 2364 | 65740000 |
| TURBO-REGULATOR | AIR-CONDITIONING.707-1318 | AIR | 290P | | | | 66 | 2362 | 65742000 |
| TURBO-REGULATOR | AIR-CONDITIONING.331C/373C | AIR | 330P | | | | 66 | 2360 | 65744000 |
| TURBO-REGULATOR | AIR-CONDITIONING.331C/373C | AIR | 330P | | | | 66 | 2365 | 65746000 |

PART CLASS 625 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| ... N.E.C. | | | | | | | | | |
| TURBO-REGULATOR | AIR-CONDITIONING.707-131B | AIR | 360P | | | | 66 | 2362 | 65740000 |
| TURBO-REGULATOR | AIR-CONDITIONING.707-131B | AIR | 370P | | | | 65 | 2362 | 65750000 |
| TURBO-REGULATOR | AIR-CONDITIONING.707-331B | AIR | 400P | | | | 66 | 2364 | 65752000 |
| TURBO-REGULATOR | AIR-CONDITIONING.331C/373C | AIR | 480P | | | | 66 | 2360 | 65754000 |
| TURBO-REGULATOR | AIR-CONDITIONING.707-331B | AIR | 560P | | | | 65 | 2364 | 65756000 |
| TURBO-REGULATOR | AIR-CONDITIONING.707-131B | AIR | 570P | | | | 66 | 2364 | 65758000 |
| TURBO-REGULATOR | AIR-CONDITIONING.331C/373C | AIR | 650P | | | | 65 | 2365 | 65760000 |
| TURBO-REGULATOR | AIR-CONDITIONING.707-331B | AIR | 730P | | | | 66 | 2362 | 65762000 |
| TURBO-REGULATOR | AIR-CONDITIONING.707-331B | AIR | 880P | | | | 65 | 2362 | 65764000 |
| TURBO-REGULATOR | AIR-CONDITIONING.707-131B | AIR | 940P | | | | 65 | 2364 | 65766000 |
| TURBO-REGULATOR | AIR-CONDITIONING.331C/373C | AIR | 1080P | | | | 65 | 2360 | 65768000 |
| TURBO-SHUT-OFF | AIR-CONDITIONING. | AIR | 170P | | | | 66 | 2363 | 65770000 |
| TURBO-SHUT-OFF | AIR-CONDITIONING.707-131B | AIR | 180P | | | | 66 | 2364 | 65772000 |
| TURBO-SHUT-OFF | AIR-CONDITIONING.707-331B | AIR | 340P | | | | 66 | 2364 | 65774000 |
| TURBO-SHUT-OFF | AIR-CONDITIONING.707-131B | AIR | 350P | | | | 66 | 2362 | 65776000 |
| TURBO-SHUT-OFF | AIR-CONDITIONING.707-331B | AIR | 470P | | | | 66 | 2362 | 65778000 |
| TURBO-SHUT-OFF | AIR-CONDITIONING.707-331B | AIR | 490P | | | | 66 | 2362 | 65780000 |
| TURBO-SHUT-OFF | AIR-CONDITIONING.331C/373C | AIR | 540P | | | | 66 | 2363 | 65782000 |
| TURBO-SHUT-OFF | AIR-CONDITIONING.331C/373C | AIR | 580P | | | | 65 | 2363 | 65784000 |
| TURBO-SHUT-OFF | AIR-CONDITIONING.707-331B | AIR | 650P | | | | 66 | 2364 | 65786000 |
| TURBO-SHUT-OFF | AIR-CONDITIONING.707-131B | AIR | 740P | | | | 65 | 2364 | 65788000 |
| TURBO-SHUT-OFF | AIR-CONDITIONING.707-131B | AIR | 920P | | | | 66 | 2364 | 65790000 |
| TURBO-SHUT-OFF | AIR-CONDITIONING.707-131B | AIR | 990P | | | | 66 | 2362 | 65792000 |
| TURBO-SHUT-OFF | AIR-CONDITIONING.707-331B | AIR | 1050P | | | | 65 | 2362 | 65794000 |
| TURBO-SHUT-OFF | AIR-CONDITIONING.707-131B | AIR | 1120P | | | | 65 | 2362 | 65796000 |
| TURBO-SHUT-OFF | AIR-CONDITIONING.707-331B | AIR | 1270P | | | | 65 | 2364 | 65798000 |
| TURBO-SHUTOFF | AIR-CONDITIONING.707-331B | AIR | 110P | | | | 65 | 2361 | 65800000 |
| TURBO-SHUTOFF | AIR-CONDITIONING.331C/373C | AIR | 170P | | | | 66 | 2360 | 65802000 |
| TURBO-SHUTOFF | AIR-CONDITIONING.331C/373C | AIR | 170P | | | | 66 | 2365 | 65804000 |
| TURBO-SHUTOFF | AIR-CONDITIONING.331C/373C | AIR | 170P | | | | 66 | 2365 | 65806000 |
| TURBO-SHUTOFF | AIR-CONDITIONING.707-131B | AIR | 340P | | | | 66 | 2361 | 65808000 |
| TURBO-SHUTOFF | AIR-CONDITIONING.707-331B | AIR | 370P | | | | 66 | 2361 | 65810000 |
| TURBO-SHUTOFF | AIR-CONDITIONING.707-331B | AIR | 370P | | | | 66 | 2361 | 65812000 |
| TURBO-SHUTOFF | AIR-CONDITIONING.331C/373C | AIR | 480P | | | | 66 | 2360 | 65814000 |
| TURBO-SHUTOFF | AIR-CONDITIONING.331C/373C | AIR | 490P | | | | 65 | 2365 | 65816000 |
| TURBO-SHUTOFF | AIR-CONDITIONING.331C/373C | AIR | 620P | | | | 65 | 2360 | 65818000 |
| TURBO-SHUTOFF | AIR-CONDITIONING.707-131B | AIR | 750P | | | | 65 | 2361 | 65820000 |
| TURBO-SHUTOFF | AIR-CONDITIONING.707-131B | AIR | 840P | | | | 66 | 2361 | 65822000 |
| VENT | SINGLE-POINT-REFUELING | AIR | * | 9.07178 | 100 | .25382 | 65 | 1198 | 65824000 |
| VENT | SINGLE-POINT-REFUELING | AIR | * | 9.07178 | 200 | .25382 | 65 | 1198 | 65826000 |
| VENT | TANK,FUEL-SYSTEM | AIR | * | 9.89344 | 200 | .23274 | 65 | 1198 | 65828000 |
| VENT | TANK,FUEL-SYSTEM | AIR | 2.83286 | 11.0189 | 408 | .353 | 63 | 1114 | 65830000 |
| VENT | TANK,FUEL-SYSTEM | AIR | 5.8977 | 11.7858 | 400 | .67823 | 63 | 1198 | 65832000 |
| VENT | SINGLE-POINT-REFUELING | AIR | 5.89773 | 13.1338 | 300 | .50867 | 63 | 1198 | 65834000 |
| VENT | SINGLE-POINT-REFUELING | AIR | 6.66666 | 14.8462 | 300 | .45 | 63 | 1114 | 65836000 |

PART CLASS S25 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| VENT | TANK,FUEL-SYSTEM | AIR | 6.67779 | 13.3448 | 400 | .595 | 63 | 1114 | 65b58000 |
| VENT | TANK,FUEL-SYSTEM | AIR | 9.84969 | 18.2705 | 200 | .50763 | 65 | 1198 | 65840000 |
| VENT | REFUELING | AIR | 83.063 | 90.6666 | 1200 | .222 | 64 | 1080 | 65842000 |
| VENT | F-AND-T-TANK | AIR | 235.714 | 297.528 | 1200 | .14 | 61 | 1090 | 65844000A |
| VENT | | AIR | 809.523 | 1124.1 | | .021 | 61 | 1082 | 65846000 |
| VENT.AIR.BREATHER | | AIR | * | 328.942 | | .007 | 61 | 1082 | 65848000 |
| VENT.AIR.BREATHER | | AIR | 6.13496 | 12.26 | | .652 | 61 | 1083 | 65850000 |
| VENT.AIR.LEAKAGE | TURBOJET,J-E5 | AIR | 4.3756 | 17.0197 | 944 | .22454 | 65 | 1228 | 65852000 |
| VENT.AIR.LEAKAGE | TURBOJET,J-P2 | AIR | 19.6347 | 52.2511 | 312 | .10196 | 64 | 1179 | 65854000 |
| VENT.AUXILIARY | AIR-CONDITIONING,FLIGHT-DECK | AIR | 7.2796 | 30.6492 | 50 | .12691 | 65 | 1198 | 65856000 |
| VENT.AUXILIARY | AIR-CONDITIONING,FLIGHT-DECK | AIR | 23.5904 | 62.7777 | 50 | .08478 | 63 | 1198 | 65858000 |
| VENT.AUXILIARY | AIR-CONDITIONING,FLIGHT-DECK | AIR | 36.6666 | 70.964 | 50 | .075 | 63 | 1114 | 65860000 |
| VENT.AUXILIARY | AIR-CONDITIONING,FLIGHT-DECK | AIR | 34.3731 | 68.6908 | 100 | .11637 | 65 | 1198 | 65862000 |
| VENT.AUXILIARY | AIR-CONDITIONING,CARGO.COMPARTMENT | AIR | 66.6666 | 259.313 | 68 | .015 | 63 | 1114 | 65864000 |
| VENT.AUXILIARY | AIR-CONDITIONING,FLIGHT-DECK | AIR | 66.6666 | 259.313 | 68 | .015 | 63 | 1114 | 65866000 |
| VENT.AUXILIARY | AIR-CONDITIONING,CARGO.COMPARTMENT | AIR | 70.7714 | 124.228 | 50 | .08478 | 63 | 1198 | 65868000 |
| VENT.AUXILIARY | AIR-CONDITIONING,CARGO.COMPARTMENT | AIR | 136.363 | 202.063 | 102 | .088 | 63 | 1114 | 65870000 |
| VENT.AUXILIARY | AIR-CONDITIONING,CARGO.COMPARTMENT | AIR | 149.712 | 204.161 | 50 | .12691 | 65 | 1198 | 65872000 |
| VENT.AUXILIARY | AIR-CONDITIONING,CARGO.COMPARTMENT | AIR | 189.052 | 251.957 | 100 | .11637 | 65 | 1198 | 65874000 |
| VENT.DIVE | FUEL-SYSTEM | AIR | * | 6.71684 | 1419 | .34281 | 65 | 1228 | 65876000 |
| VENT.DIVE | FUEL-SYSTEM | AIR | * | 8.75579 | 1218 | .26298 | 64 | 1179 | 65878000 |
| VENT.DIVE | FUEL-SYSTEM | AIR | 7.72399 | 11.4453 | 1791 | 1.5536 | 67 | 1272 | 65880000 |
| VENT.FILL-BUILDUP | CARGO-COMPARTMENT-OXYGEN-SYSTEM | AIR | 67.4217 | 125.063 | 144 | .07416 | 65 | 1227 | 65882000 |
| VENT.FILL-BUILDUP | FLIGHT-STATION-OXYGEN-SYSTEM | AIR | 323.624 | 525.675 | 48 | .02472 | 65 | 1227 | 65884000 |
| VENT.FILL-BUILDUP | CARGO-COMPARTMENT-OXYGEN-SYSTEM | AIR | 454.327 | 585.745 | 228 | .1234 | 66 | 1250 | 65886000 |
| VENT.FILL-BUILDUP | FLIGHT-STATION-OXYGEN-SYSTEM | AIR | 972.526 | 1200.83 | 76 | .04113 | 66 | 1250 | 65888000 |
| VENT.FILL-BUILDUP | | AIR | 1029.17 | 1088.6 | 597 | .51789 | 67 | 1272 | 65890000A |
| VENT.FLOAT-OPERATED | | AIR | * | 60.7941 | 378 | .21332 | 64 | 1144 | 65892000A |
| VENT.FUEL | TANK,WING | AIR | 35.2831 | 43.8131 | 848 | 1.077 | 64 | 1266 | 65894000A |
| VENT.FUEL | TANK,WING | AIR | 108.61 | 126.925 | | .66292 | 66 | 1241 | 65896000 |
| VENT.FUEL | | GRD | 917.431 | 3568.53 | 17 | .00109 | 62 | 1113 | 65898000 |
| VENT.HELIUM | | GRD | 917.431 | 3568.53 | 17 | .00199 | 62 | 1113 | 65900000 |
| VENT.MANUAL.HELIUP | | LAB | * | 767.533C | 5 | .003C | 62 | 1085 | 65902000 |
| VENT.POPPET.PNEUMATIC-OVERRIDE | FUELFILL/DRAIN | GRD | 1466.66C | 2213.08C | 36 | .0075C | 66 | 1245 | 65904000A |
| VENT.RELIEF-AND-ANTI-G | | AIR | 71.4285 | 132.495 | 640 | .07 | 61 | 1080 | 65906000A |
| VENT-AND-BUILD-UP,OXYGEN | | AIR | 1090 | 1854.94 | 16 | .005 | 59 | 1110 | 65908000 |
| VENT-AND-RELIEF | | LAB | 5.7 | | | | 63 | 1138 | 65910000 |
| VENT-FLOAT | FUEL-SYSTEM | AIR | * | 64.3804 | 93 | .03581 | 63 | 1111 | 65912000 |
| VENT-FLOAT | WING,FUEL-SYSTEM | AIR | 418.935 | 645.439 | 62 | .02387 | 63 | 1111 | 65914000 |
| VNTRL-STRS-DOOR | DOORS,727 | AIR | 190P | | | | 66 | 2360 | 65916000 |
| WARM-AIR-MODULATING-1.50-.75-INCH | AIR-CONDITIONING-SYSTEM | AIR GND | 673.4 | 1345.71 | | .00594 | 62 | 2320 | 65918000 |
| WATER-FILL-OVERFLOW | WATER/WASTE,727 | AIR | 300P | | | | 65 | 2365 | 65920000 |
| WATER-FILL-OVERFLOW | WATER-WASTE,727 | AIR | 340P | | | | 66 | 2363 | 65922000 |

PART CLASS 625 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF DATA ACPT | YR OF DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .60 M.C.C. | | | | | | | | | |
| WATER-FILL-OVERFLOW | WATER/WASTE.727 | AIR | 1.00P | | | | 65 | 2360 | 65926000 |
| WATER-INJECTION | WATER-INJECTION-707-131 | AIR | 60P | | | | 66 | 2364 | 65926000 |
| WATER-INJECTION | WATER-INJECTION.707-131 | AIR | 70P | | | | 65 | 2364 | 65928000 |
| WATER-INJECTION | WATER-INJECTION.707-131 | AIR | 80P | | | | 65 | 2362 | 65930000 |
| WATER-INJECTION-CHECK | WATER-INJECTION.707-131 | AIR | 250P | | | | 64 | 2362 | 65932000 |
| WATER-INJECTION-CHECK | WATER-INJECTION.707-131 | AIR | 60P | | | | 66 | 2362 | 65934000 |
| WATER-INJECTION-CONTROL | WATER-INJECTION.707-131 | AIR | 70P | | | | 65 | 2361 | 65936000 |
| WATER-INJECTION-CONTROL | WATER-INJECTION.707-131 | AIR | 200P | | | | 65 | 2361 | 65938000 |
| WATER-INJECTION-CONTROL | WATER-INJECTION-707-131 | AIR | 600P | | | | 65 | 2362 | 65940000 |
| WATER-INJECTION-SHUT-OFF | WATER-INJECTION.707-131 | AIR | 1230P | | | | 65 | 2364 | 65942000 |
| WATER-INJECTION-SHUT-OFF | WATER-INJECTION.707-131 | AIR | 170P | | | | 66 | 2361 | 65944000 |
| WATER-INJECTION-SHUT-OFF | WATER-INJECTION-707-131 | AIR | 170P | | | | 66 | 2361 | 65946000 |
| WATER-INJECTION-SHUT-OFF | WATER-INJECTION-707-131 | AIR | 220P | | | | 66 | 2364 | 65948000 |
| WATER-INJECTION-SHUT-OFF | WATER-INJECTION.707-131 | AIR | 280P | | | | 66 | 2364 | 65950000 |
| WATER-INJECTION-SHUT-OFF | WATER-INJECTION-707-131 | AIR | 520P | | | | 65 | 2361 | 65952000 |
| WATER-INJECTION-SHUTOFF | WATER-INJECTION.707-131 | AIR | 610P | | | | 65 | 2364 | 65954000 |
| WATER-INJECTION-SHUTOFF | WATER-INJECTION.707-131 | AIR | 230P | | | | 66 | 2362 | 65956000 |
| WATER-INJECTION-SHUTOFF | WATER-INJECTION.707-131 | AIR | 490P | | | | 66 | 2362 | 65958000 |
| WATER-PRESSURE-SENSING-DRN | WATER-INJECTION.707-131 | AIR | 530P | | | | 65 | 2362 | 65960000 |
| WATER-TANK | WATER/WASTE.707-131 | AIR | 60P | | | | 66 | 2361 | 65962000 |
| WINDSHIELD-SW-ISOLATION | ICE-AND-RAIN-PROTECTION.88C | AIR | 300P | | | | 65 | 2362 | 65964000 |
| WINDSHIELD-SW-ISOLATION | ICE-AND-RAIN-PROTECTION.88C | AIR | 170P | | | | 66 | 2363 | 65966000 |
| WING-FLAP-CONTROL | FLIGHT-CONTROLS.707-131 | AIR | 360P | | | | 65 | 2363 | 65968000 |
| WING-ISOLATION | AIR-CONDITIONING.88D | AIR | 230P | | | | 66 | 2364 | 65970000 |
| WING-ISOLATION | AIR-CONDITIONING.88C | AIR | 70P | | | | 66 | 2360 | 65972000 |
| WING-ISOLATION | AIR-CONDITIONING.88C | AIR | 80P | | | | 66 | 2363 | 65974000 |
| WING-ISOLATION | AIR-CONDITIONING.88C | AIR | 150P | | | | 66 | 2360 | 65976000 |
| WING-LE-FLAP-AND-DR-CONTROL | FLIGHT-CONTROLS.707-1318 | AIR | 170P | | | | 66 | 2363 | 65978000 |
| WING-LE-FLAP-AND-DR-CONTROL | FLIGHT-CONTROLS.707-1318 | AIR | 70P | | | | 66 | 2362 | 65980000 |
| WING-LE-FLAP-AND-DR-CONTROL | FLIGHT-CONTROLS.707-1318 | AIR | 70P | | | | 66 | 2364 | 65982000 |
| WING-LE-FLAP-AND-DR-CONTROL | FLIGHT-CONTROLS.707-1318 | AIR | 70P | | | | 65 | 2364 | 65984000 |
| WING-LE-FLAP-AND-DR-CONTROL | FLIGHT-CONTROLS.707-131 | AIR | 110P | | | | 66 | 2364 | 65986000 |
| WING-LE-FLAP-AND-DR-CONTROL | FLIGHT-CONTROLS.707-1318 | AIR | 130P | | | | 66 | 2362 | 65988000 |
| WING-THERMAL-ANTI-ICE | ICE-AND-RAIN-PROTECTION.707-1318 | AIR | 20P | | | | 66 | 2361 | 65990000 |
| WING-THERMAL-ANTI-ICE | ICE-AND-RAIN-PROTECTION.707-1318 | AIR | 20P | | | | 66 | 2361 | 65992000 |
| WING-THERMAL-ANTI-ICE | ICE-AND-RAIN-PROTECTION.707-1318 | AIR | 20P | | | | 66 | 2362 | 65994000 |
| WING-THERMAL-ANTI-ICE | ICE-AND-RAIN-PROTECTION.707-3318 | AIR | 30P | | | | 66 | 2364 | 65996000 |
| WING-THERMAL-ANTI-ICE | ICE-AND-RAIN-PROTECTION.707-3318 | AIR | 30P | | | | 66 | 2364 | 65998000 |
| WING-THERMAL-ANTI-ICE | ICE-AND-RAIN-PROTECTION.707-1318 | AIR | 40P | | | | 66 | 2364 | 66000000 |
| WING-THERMAL-ANTI-ICE | ICE-AND-RAIN-PROTECTION.707-131 | AIR | 40P | | | | 66 | 2364 | 66002000 |
| WING-THERMAL-ANTI-ICE | ICE-AND-RAIN-PROTECTION.707-3318 | AIR | 40P | | | | 66 | 2361 | 66004000 |
| WING-THERMAL-ANTI-ICE | ICE-AND-RAIN-PROTECTION.707-131 | AIR | 40P | | | | 66 | 2361 | 66006000 |
| WING-THERMAL-ANTI-ICE | ICE-AND-RAIN-PROTECTION.707-3318 | AIR | 50P | | | | 66 | 2362 | 66008000 |
| WING-THERMAL-ANTI-ICE | ICE-AND-RAIN-PROTECTION.707-331 | AIR | 30P | | | | 66 | 2361 | 66010000 |
| | | | | | | | 66 | 2362 | 66012000 |

PART CLASS 525 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 60 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| WING-THERMAL-ANTI-ICE | ICE-AND-RAIN-PROTECTION.707-131 | AIR | 50P | | | | 65 | 2362 | 66014000 |
| WING-THERMAL-ANTI-ICE | ICE-AND-RAIN-PROTECTION.707-131 | AIR | 50P | | | | 65 | 2364 | 66C16000 |
| WING-THERMAL-ANTI-ICE | ICE-AND-RAIN-PROTECTION.707-331 | AIR | 60P | | | | 66 | 2364 | 66C18000 |
| WING-THERMAL-ANTI-ICE | ICE-AND-RAIN-PROTECTION.707-3318 | AIR | 60P | | | | 65 | 2361 | 66C20000 |
| WING-THERMAL-ANTI-ICE | ICE-AND-RAIN-PROTECTION.707-1318 | AIR | 80P | | | | 65 | 2362 | 66C22000 |
| WING-THERMAL-ANTI-ICE | ICE-AND-RAIN-PROTECTION.707-3318 | AIR | 80P | | | | 66 | 2362 | 66C24000 |
| WING-THERMAL-ANTI-ICE | ICE-AND-RAIN-PROTECTION.707.331 | AIR | 90P | | | | 65 | 2361 | 66C26000 |
| WING-THERMAL-ANTI-ICE | ICE-AND-RAIN-PROTECTION.707-3318 | AIR | 90P | | | | 65 | 2362 | 66C28000 |
| WING-THERMAL-ANTI-ICE | ICE-AND-RAIN-PROTECTION.707-1318 | AIR | 90P | | | | 65 | 2364 | 66C30000 |
| WING-THERMAL-ANTI-ICE | ICE-AND-RAIN-PROTECTION.707.131 | AIR | 170P | | | | 65 | 2361 | 66C32000 |
| WING-THERMAL-ANTI-ICE | ICE-AND-RAIN-PROTECTION.707-131 | AIR | 190P | | | | 66 | 2364 | 66C34000 |
| WING-THERMAL-ANTI-ICE | ICE-AND-RAIN-PROTECTION.707.131 | AIR | 230P | | | | 66 | 2361 | 66C36000 |
| HI-PRESS-FILL-3730 | WATER-INJECTION-707-131 | AIR | 670P | | | | 66 | 2364 | 66C38000 |
| 13-ST-MOD-AND-SO | AIR-CONDITIONING.727 | AIR | 210P | | | | 66 | 2365 | 66C40000 |
| 13-ST-MOD-AND-SO | AIR-CONDITIONING.727 | AIR | 460P | | | | 65 | 2365 | 66C42000 |
| 13-ST-MOD-AND-SO | AIR-CONDITIONING.727 | AIR | 510P | | | | 66 | 2365 | 66C44000 |
| 3-WAY | | LAB | 4.6 | | | | 63 | 1138 | 66046000 |
| 3-WAY.AIR.REVERSING | | | .000001 | | | | 61 | 2231 | 66C48000 |
| 3-WAY.ELBOW | FUEL-SYSTEM | AIR | .5C1379 | 1.95021 | 1716 | 1.9945 | 65 | 1201 | 66C50000 |
| 3-WAY.ELBOW | FUEL-SYSTEM | AIR | 2.63754 | 10.2592 | 400 | .37914 | 65 | 1201 | 66C52000 |
| 3-WAY.MANUAL-OPERATED | DOOR.HYDRAULIC.RAMP | AIR | 176.928 | 251.148 | 50 | .08478 | 63 | 1198 | 66C54000 |
| 3-WAY.MANUAL-OPERATED | DOOR.HYDRAULIC.RAMP | AIR | 200 | 283.898 | 50 | .075 | 63 | 1114 | 66056000 |
| 3-WAY.MANUAL-OPERATED | WINDSHIELD-WIPER | HELI | 214.953 | 284.61 | 151 | .107 | 64 | 1234 | 66C58000A |
| 3-WAY.PRESSURE-ACTUATED | ENGINE-IGNITION-MONITOR | GRD | 15000C | 19739.7C | 100 | .00168 | 66 | 1245 | 66C60000 |
| 3-WAY.SOLENOID-OPERATED.HYD | HOSE-GEAR | AIR | 226.753 | 253.444 | | .613 | 63 | 1123 | 66062000A |
| 3-WAY-BRINE | | | .193C | .205834C | | 38.895C | 64 | 2231 | 66C64000 |
| 4-WAY | | LAB | 4.6 | | | | 63 | 1138 | 66066000 |
| 4-WAY.SELECTOR.SOLENOID-OPERATED | | AIR | 45.1722 | 90.2715 | | .4855 | 63 | 1123 | 66068000A |
| .40 GAS, HOT | | | | | | | | | |
| BYPASS.REFRIGERANT | | | 1.19386 | 1.60229 | | 17.59 | 61 | 2239 | 66070000 |
| BYPASS.REFRIGERANT | | | 2.34 | | | | U | 2239 | 66072000 |
| SOLENOID.2000PSI | (M=MISSIONS) | MSL | * | 5756.5M | | .0004M | 62 | 1136 | 66074000 |
| .50 GAS, N.O.C. | | | | | | | | | |
| CO2.ENG-SEL-SOLENOID | FIRE-PROTECTION.707.131 | AIR | 60P | | | | 66 | 2361 | 66C76000 |
| CO2.ENG-SEL-SOLENOID | FIRE-PROTECTION.707.131 | AIR | 60P | | | | 66 | 2361 | 66C78000 |
| SOLENOID.COLD-GAS.3000PSI | (M=MISSIONS) | MSL | 232.558M | 904.581M | | .0043M | 62 | 1136 | 66C80000 |
| SOLENOID.GAS | | GRD | 673.076 | 1131.81 | 155 | .0104 | 63 | 1123 | 66082000 |

PART CLASS 925 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .60 HYDRAULIC | | | | | | | | | |
| | LOCK-ACTUATING.CARGO-RAMP | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 66084000 |
| | ARMING,STALL-WARN-SYSTEM | AIR | • | 46.5736 | 96 | .04944 | 65 | 1227 | 66084000 |
| | MANIFOLD.LANDING-GEAR | AIR | 6.07902 | 16.1772 | 600 | .329 | 66 | 1250 | 66086000A |
| | BRAKE.EMERGENCY.WING-FLAP-ASSEMBLY | AIR | 11.7952 | 49.8799 | 96 | .06478 | 63 | 1198 | 66090000 |
| | BRAKE.EMERGENCY.WING-FLAP-ASSEMBLY | AIR | 13.3333 | 39.4626 | 50 | .075 | 63 | 1114 | 66092000 |
| | BRAKE.EMERGENCY.WING-FLAP-ASSEMBLY | AIR | 15.7521 | 41.9375 | 50 | .12691 | 65 | 1198 | 66094000 |
| | BOOST.IRREVERSIBLE | HELI | 19.2678 | 51.2745 | 120 | .1038 | 66 | 1257 | 66096000 |
| | BRAKE.EMERGENCY.WING-FLAP-ASSEMBLY | AIR | 22.7272 | 80.4806 | 102 | .088 | 63 | 1114 | 66098000 |
| | BRAKE.EMERGENCY.WING-FLAP-ASSEMBLY | AIR | 25.7798 | 57.4099 | 100 | .11637 | 65 | 1198 | 66100000 |
| | BOOST.IRREVERSIBLE | HELI | 26.3157 | 102.36 | 120 | .038 | 66 | 1257 | 66102000 |
| | NOSE-EXTENSION.EMERGENCY | AIR | 31.5183 | 62.9839 | 50 | .12691 | 65 | 1198 | 66104000 |
| | ANTI-SKID.BRAKE,LANDING-GEAR | AIR | 35.3857 | 62.1162 | 100 | .16956 | 63 | 1198 | 66106000 |
| | SEQUENCE-DOOR.PROBE.AIR-REFUEL | AIR | 38.2848 | 148.916 | 172 | .02612 | 66 | 1240 | 66108000A |
| | ANTI-SKID.BRAKE.LANDING-GEAR | AIR | 39.3979 | 80.6991 | 100 | .25382 | 65 | 1198 | 66110000 |
| | ANTI-SKID.LANDING-GEAR | AIR | 39.7727 | 66.8801 | 204 | .176 | 63 | 1114 | 66112000 |
| | NOSE-EXTENSION.EMERGENCY | AIR | 40 | 89.0773 | 50 | .075 | 63 | 1114 | 66114000 |
| | ANTI-SKID.LANDING-GEAR | AIR | 40.2684 | 70.6852 | 100 | .149 | 63 | 1114 | 66116000 |
| | PRIORITY.WING/TAIL-FOLD | AIR | 51.0464 | 198.595 | 129 | .01959 | 66 | 1240 | 66118000A |
| | DOOR.BOMB-NAVIGATION-SYSTEM | AIR | 55.8503 | 148.726 | 92 | .03581 | 63 | 1111 | 66120000 |
| | ANTI-SKID.BRAKE,LANDING-GEAR | AIR | 55.8563 | 81.4554 | 200 | .23274 | 65 | 1198 | 66122000 |
| | LOCK-ACTUATING.CARGO-RAMP | AIR | 72.9394 | 162.431 | 76 | .04113 | 66 | 1250 | 66124000A |
| | SHUTTLE.BRAKE.WHEEL | AIR | 76.5696 | 297.833 | 86 | .01306 | 66 | 1240 | 66126000A |
| | ANTI-SKID.LANDING-GEAR | AIR | 96.7741 | 215.90 | 136 | .031 | 63 | 1114 | 66128000 |
| | ANTI-SKID.LANDING-GEAR | AIR | 111.245 | 167.861 | 192 | .09888 | 65 | 1227 | 66130000 |
| | | AIR | 134.453 | 150.66 | | .476 | 63 | 2122 | 66132000 |
| | PRIORITY.LANDING-GEAR | AIR | 153.139 | 407.526 | 68 | .01306 | 66 | 1240 | 66134000A |
| | STEERING.NOSEWHEEL | AIR | 159.707 | 229.614 | 406 | .08764 | 64 | 5179 | 66136000 |
| | TAB-LOCKOUT.AILERON-CONTROL-SYSTEM | AIR | 202.265 | 311.623 | 96 | .04944 | 65 | 1227 | 66138000 |
| | TAB-LOCKOUT.AILERON-CONTROL | AIR | 218.818 | 300.951 | 152 | .08226 | 66 | 1250 | 66140000A |
| | DROOP-CONTROL.SERVO | AIR | 267.993 | 459.647 | 172 | .02612 | 66 | 1240 | 66142000A |
| | AFTERBURNER-IGNITOR | AIR | 328.79 | 414.962 | | .10038 | 63 | 1123 | 66144000A |
| | BRAKE | AIR | 459.418 | 1023.09 | 49 | .00693 | 66 | 1240 | 66146000A |
| | | AIR | 463.157 | 564.131 | | .095 | 63 | 2120 | 66148000 |
| | | AIR | 463.768 | 547.264 | | .138 | 59 | 1070 | 66150000 |
| | RELAY.BRAKE | AIR | 675.675 | 767.867 | 648 | .111 | 61 | 1000 | 66152000A |
| ANTI-SKID | LANDING-GEAR | AIR | 42.5531 | 71.5556 | 384 | .1645 | 66 | 1250 | 66154000 |
| ARMING | STALL-WARNING-SYSTEM | AIR | • | 27.9917 | 192 | .08226 | 66 | 1250 | 66156000 |
| BLEEDER | RUDDER-ASSEMBLY | AIR | • | 18.1435 | 50 | .12691 | 65 | 1198 | 66158000 |
| BLEEDER | AILERON-SYSTEM | AIR | • | 27.1597 | 50 | .08478 | 63 | 1198 | 66160000 |
| BLEEDER | STEERING.LANDING-GEAR | AIR | • | 6.78992 | 200 | .33912 | 63 | 1198 | 66162000 |
| BLEEDER | RUDDER-ASSEMBLY | AIR | • | 27.1597 | 50 | .08478 | 63 | 1198 | 66164000 |
| BLEEDER | WING-FLAP-ASSEMBLY | AIR | • | 9.89344 | 200 | .23274 | 65 | 1198 | 66166000 |
| BLEEDER | AILERON-SYSTEM | AIR | • | 18.1435 | 50 | .12691 | 65 | 1198 | 66168000 |
| BLEEDER | WING-FLAP-ASSEMBLY | AIR | • | 9.07178 | 100 | .25382 | 65 | 1198 | 66170000 |
| BLEEDER | ELEVATOR-ASSEMBLY | AIR | • | 18.1435 | 50 | .12691 | 65 | 1198 | 66172000 |

PART CLASS 929 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| ... HYDRAULIC | | | | | | | | | |
| BLEEDER | LANDING-GEAR.NOSE | AIR | 1.90839 | 7.42369 | 350 | .924 | 63 | 1114 | 66174000 |
| BLEEDER | STEERING.LANDING-GEAR | AIR | 1.96993 | 7.66247 | 200 | .50763 | 65 | 1198 | 66176000 |
| BLEEDER | LANDING-GEAR | AIR | 2.14829 | 5.71694 | 800 | .93057 | 65 | 1198 | 66178000 |
| BLEEDER | STEERING.LANDING-GEAR | AIR | 2.83286 | 11.6185 | 408 | .353 | 63 | 1114 | 66180000 |
| BLEEDER | LANDING-GEAR.NOSE | AIR | 3.37612 | 8.9684 | 350 | .59345 | 63 | 1198 | 66182000 |
| BLEEDER | LANDING-GEAR | AIR | 5.90958 | 10.3733 | 400 | 1.0153 | 65 | 1198 | 66184000 |
| BLEEDER | LANDING-GEAR | AIR | 7.8215 | 13.1369 | 816 | .756 | 63 | 1114 | 66186000 |
| BLEEDER | ELEVATOR-ASSEMBLY | AIR | 11.7952 | 45.8759 | 50 | .08478 | 63 | 1198 | 66188000 |
| BLEEDER | ELEVATOR-ASSEMBLY | AIR | 13.3333 | 51.8626 | 50 | .075 | 63 | 1114 | 66190000 |
| BLEEDER | LANDING-GEAR.MAIN | AIR | 15.7589 | 22.1132 | 400 | 1.0153 | 65 | 1198 | 66192000 |
| BLEEDER | LANDING-GEAR.MAIN | AIR | 16.3214 | 24.6263 | 450 | .676 | 63 | 1114 | 66194000 |
| BLEEDER | LANDING-GEAR.MAIN | AIR | 16.9971 | 25.1863 | 816 | .706 | 63 | 1114 | 66196000 |
| BLEEDER | LANDING-GEAR.MAIN | AIR | 17.0377 | 24.8462 | 450 | .76301 | 63 | 1198 | 66198000 |
| BLEEDER | LANDING-GEAR.NOSE | AIR | 21.5253 | 57.229 | 408 | .593 | 63 | 1114 | 66200000 |
| BLEEDER | WING-FLAP-ASSEMBLY | AIR | 26.7558 | 13.4605 | 200 | .299 | 63 | 1114 | 66202000 |
| BLEEDER | WING-FLAP-ASSEMBLY | AIR | 29.488 | 45.4312 | 200 | .33912 | 63 | 1198 | 66204000 |
| BLEEDER | LANDING-GEAR.NOSE | AIR | 31.5182 | 41.9922 | 600 | .69823 | 65 | 1198 | 66206000 |
| BLEEDER | LANDING-GEAR.NOSE | AIR | 38.0852 | 48.8521 | 300 | .7 145 | 65 | 1198 | 66208000 |
| BLEEDER | LANDING-GEAR | AIR | 41.2833 | 59.3536 | 200 | .33912 | 63 | 1198 | 66210000 |
| BLEEDER | LANDING-GEAR | AIR | 43.4782 | 63.4045 | 200 | .299 | 63 | 1114 | 66212000 |
| BLEEDER | LANDING-GEAR.NOSE | AIR | 44.3821 | 60.6886 | 612 | .539 | 63 | 1114 | 66214000 |
| BLEEDER | LANDING-GEAR.MAIN | AIR | 64.4496 | 91.4857 | 200 | .23274 | 65 | 1198 | 66216000 |
| BLEEDER | LANDING-GEAR.MAIN | AIR | 64.5161 | 171.687 | 136 | .31 | 63 | 1114 | 66218000 |
| SHARE-LOCKOUT-BLEEDER | LANDING-GEAR.727 | AIR | 5.P | | | | 66 | 2360 | 66220000 |
| SHARE-LOCKOUT-BLEEDER | LANDING-GEAR.727 | AIR | 9.P | | | | 65 | 2363 | 66222000 |
| SHARE-LOCKOUT-BLEEDER | LANDING-GEAR.727 | AIR | 12.P | | | | 66 | 2363 | 66224000 |
| SHARE-LOCKOUT-BLEEDER | LANDING-GEAR.727 | AIR | 28.P | | | | 66 | 2360 | 66226000 |
| SHARE-LOCKOUT-BLEEDER | LANDING-GEAR.727 | AIR | 34.P | | | | 65 | 2363 | 66228000 |
| SHARE-LOCKOUT-BLEEDER | LANDING-GEAR.727 | AIR | 43.P | | | | 66 | 2363 | 66230000 |
| SHARE-LOCKOUT-BLEEDER | LANDING-GEAR.727 | AIR | 110.P | | | | 65 | 2360 | 66232000 |
| SHARE-LOCKOUT-BLEEDER | LANDING-GEAR.727 | AIR | 122.P | | | | 66 | 2365 | 66234000 |
| BYPASS | THRUST-REVERSER-SYSTEM | AIR | * | 13.9975 | 304 | .1645 | 66 | 1250 | 66236000A |
| BYPASS | PITCH-TRIM-ACTUATOR | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 66238000 |
| BYPASS | RUDDER-CONTROL-SYSTEM | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 66240000 |
| BYPASS | AILERON-CONTROL-SYSTEM | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 66242000 |
| BYPASS | RUDDER-CONTROL-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 66244000 |
| BYPASS | THRUST-REVERSER-SYSTEM | AIR | * | 23.2868 | 192 | .09888 | 65 | 1227 | 66246000 |
| BYPASS | AILERON-CONTROL | AIR | * | 13.5798 | 100 | .16956 | 63 | 1198 | 66248000 |
| BYPASS | PITCH-TRIM-ACTUATOR | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 66250000 |
| BYPASS | AILERON-CONTROL-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 66252000 |
| BYPASS | STEERING.ACSEMWHEEL | AIR | 8.7912 | 34.0395 | 473 | .11427 | 65 | 1227 | 66254000 |
| BYPASS | STEERING.ACSEMWHEEL | AIR | 22.8154 | 60.7152 | 406 | .08766 | 64 | 1179 | 66256000 |
| BYPASS | STEERING.ACSEMWHEEL | AIR | 28.9636 | 41.1137 | 597 | .91789 | 67 | 1272 | 66258000 |
| BYPASS | | AIR | 204.46 | 231.78 | | .538 | 63 | 2115 | 66260000 |
| BYPASS | HYDRAULIC-POWER.707.331 | AIR | 530P | | | | 66 | 2361 | 66262000 |

TEXT NOT REPRODUCIBLE

PART CLASS 925 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF APPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 HYDRAULIC | | | | | | | | | |
| BYPASS.MANUAL | | AIR | 36.2318 | 67.2879 | | .138 | 59 | 1070 | 66264000 |
| BYPASS.3-WAY | CRUISE-DROOP.WING | AIR | 7.79089 | 20.7327 | | .25671 | 63 | 1123 | 66266000 |
| BYPASS.3-WAY | LAND-DROOP.WING | AIR | 7.79089 | 20.7327 | | .25671 | 63 | 1123 | 66266000 |
| CHECK | BOMB-NAVIGATION-SYSTEM | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 66279000 |
| CHECK | LANDING-GEAR.NOSE | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 66272000 |
| CHECK | THRUST-REVERSER-SYSTEM | AIR | * | 11.6434 | 384 | .12776 | 65 | 1227 | 66274000 |
| CHECK | LANDING-GEAR.MAIN | AIR | * | 23.2868 | 192 | .09088 | 65 | 1227 | 66276000 |
| CHECK | HORIZONTAL-STABILIZER | AIR | * | 13.1336 | 812 | .17532 | 64 | 1179 | 66278000 |
| CHECK | RUDDER-ASSEMBLY | AIR | * | 13.5798 | 100 | .16956 | 63 | 1198 | 66280000 |
| CHECK | VISC-DAMPING-CYL-SERV | AIR | * | 23.1719 | | .09937 | 63 | 1123 | 66282000 |
| CHECK | RUDDER-ASSEMBLY | AIR | * | 4.53598 | 200 | .50763 | 65 | 1198 | 66284000 |
| CHECK | OXYGEN-SUPPLY | AIR | * | 64.3004 | 93 | .03581 | 63 | 1111 | 66286000 |
| CHECK | HORIZONTAL-STABILIZER | AIR | * | 10.0752 | 946 | .22854 | 65 | 1228 | 66288000 |
| CHECK | SPEED-BRAKE-SYSTEM | AIR | * | 13.1336 | 812 | .17532 | 64 | 1179 | 66290000 |
| CHECK | REFUELING-SYSTEM | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 66292000 |
| CHECK | SPEED-BRAKE-SYSTEM | AIR | * | 10.0752 | 946 | .22854 | 65 | 1228 | 66294000 |
| CHECK | ELEVATOR-ASSEMBLY | AIR | * | 9.89344 | 200 | .23274 | 65 | 1198 | 66296000 |
| CHECK | STEERING.NOSEWHEEL | AIR | * | 20.1505 | 473 | .11427 | 65 | 1228 | 66298000 |
| CHECK | THRUST-REVERSER-SYSTEM | AIR | * | 6.99878 | 608 | .329 | 66 | 1250 | 66300000 |
| CHECK | LANDING-GEAR.MAIN | AIR | * | 13.9973 | 304 | .1645 | 66 | 1250 | 66302000 |
| CHECK | LANDING-GEAR.NOSE | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 66304000 |
| CHECK | HORIZONTAL-STABILIZER | AIR | .965531 | 3.75562 | 1194 | 1.0357 | 67 | 1272 | 66306000 |
| CHECK | SPEED-BRAKE-SYSTEM | AIR | .965531 | 3.75562 | 1194 | 1.0357 | 67 | 1272 | 66308000 |
| CHECK | RUDDER-ASSEMBLY | AIR | 2.14832 | 8.35632 | 400 | .46548 | 65 | 1198 | 66310000 |
| CHECK | WING-FLAP-ASSEMBLY | AIR | 4.29664 | 16.7126 | 200 | .23274 | 65 | 1198 | 66312000 |
| CHECK | WING-FLAP-ASSEMBLY | AIR | 5.89761 | 22.9399 | 100 | .16956 | 63 | 1198 | 66314000 |
| CHECK | WING-FLAP-ASSEMBLY | AIR | 6.7114 | 26.1053 | 100 | .149 | 63 | 1114 | 66316000 |
| CHECK | STEERING.NOSEWHEEL | AIR | 11.4077 | 44.3725 | 406 | .08766 | 64 | 1179 | 66318000 |
| CHECK | LANDING-GEAR.MAIN | AIR | 11.7952 | 31.3888 | 100 | .16956 | 63 | 1198 | 66320000 |
| CHECK | LANDING-GEAR.NOSE | AIR | 11.7952 | 45.8799 | 50 | .08478 | 63 | 1198 | 66322000 |
| CHECK | LANDING-GEAR.NOSE | AIR | 13.3533 | 51.8626 | 50 | .075 | 63 | 1114 | 66324000 |
| CHECK | LANDING-GEAR.MAIN | AIR | 13.4228 | 35.7201 | 100 | .149 | 63 | 1114 | 66326000 |
| CHECK | LANDING-GEAR.MAIN | AIR | 22.7272 | 45.4178 | 204 | .176 | 63 | 1114 | 66328000 |
| CHECK | LANDING-GEAR.MAIN | AIR | 27.5785 | 46.3749 | 100 | .25362 | 65 | 1198 | 66330000 |
| CHECK | WING-FLAP-ASSEMBLY | AIR | 31.5183 | 62.9859 | 50 | .12691 | 65 | 1198 | 66332000 |
| CHECK | RUDDER-PEDAL | AIR | 40.453 | 157.35 | 48 | .02472 | 65 | 1227 | 66334000 |
| CHECK | WING-FLAP-ASSEMBLY | AIR | 45.4545 | 90.8357 | 102 | .088 | 63 | 1114 | 66336000 |
| CHECK | | AIR | 70.6721 | 187.536 | 50 | .02838 | 64 | 1144 | 66338000A |
| CHECK | PRESSURE-DISTRIBUTION | AIR | 83.7754 | 132.234 | 279 | .10743 | 63 | 1111 | 66340000 |
| CHECK | RUDDER-PEDAL | AIR | 170.192 | 286.187 | 76 | .04113 | 66 | 1250 | 66342000 |
| CHECK | | AIR | 189.591 | 228.36 | 1540 | .269 | 61 | 1080 | 66344000 |
| CHECK.CONTROLLABLE | | AIR | 76.5696 | 257.933 | 86 | .01306 | 66 | 1240 | 66346000A |
| CHK-SIZE-12 | HYDRAULIC-POWER.727 | AIR | 110P | | | | 66 | 2365 | 66348000 |
| CONE-CHECK | HYDRAULIC-POWER.707.331B | AIR | 260P | | | | 66 | 2361 | 66350000 |
| CONTROL | SPEED-BRAKE | AIR | * | 352.618 | 43 | .00653 | 66 | 1240 | 66352000A |

PART CLASS 525 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .PC HYDRAULIC | | | | | | | | | |
| CONTROL | EMERGENCY-PRESSURE-DIST | AIR | * | 32.1502 | 186 | .07162 | 63 | 1111 | 66354000 |
| CONTROL | LANDING-GEAR,MAIN | AIR | * | 9.89344 | 200 | .23274 | 65 | 1198 | 66356000 |
| CONTROL | LANDING-GEAR,MAIN | AIR | 15.7591 | 41.9375 | 50 | .12691 | 65 | 1198 | 66358000 |
| CONTROL | RAMP,(P-MILES) | GRD | 16.2074M | 43.0621M | 15 | .0617M | 66 | 1255 | 66360000 |
| CONTROL | LANDING-GEAR,MAIN | AIR | 22.7272 | 60.4806 | 102 | .088 | 63 | 1114 | 66362000 |
| CONTROL | LANDING-GEAR,MAIN | AIR | 23.5904 | 62.7777 | 50 | .08478 | 63 | 1198 | 66364000 |
| CONTROL | LANDING-GEAR,MAIN | AIR | 26.6666 | 70.964 | 50 | .075 | 63 | 1114 | 66366000 |
| CONTROL | EMERGENCY-AC-POWER | AIR | 57.1428 | 152.065 | 320 | .035 | 61 | 1080 | 66368000A |
| CONTROL | SPEED-BRAKE-SYSTEM | AIR | 78.7608 | 124.319 | 473 | .11427 | 65 | 1228 | 66370000 |
| CONTROL | DUAL-BRAKE,LANDING-GEAR | AIR | 98.4945 | 128.875 | 100 | .25382 | 65 | 1198 | 66372000 |
| CONTROL | DUAL-BRAKE,LANDING-GEAR | AIR | 112.994 | 147.173 | 204 | .176 | 63 | 1114 | 66374000 |
| CONTROL | DUAL-BRAKE,LANDING-GEAR | AIR | 117.952 | 159.561 | 100 | .16956 | 63 | 1198 | 66376000 |
| CONTROL | DUAL-BRAKE,LANDING-GEAR | AIR | 120.315 | 155.322 | 200 | .23274 | 65 | 1198 | 66378000 |
| CONTROL | SPEED-BRAKE-SYSTEM | AIR | 121.647 | 143.741 | 597 | .51789 | 67 | 1272 | 66380000 |
| CONTROL | DUAL-BRAKE,LANDING-GEAR | AIR | 127.516 | 173.842 | 100 | .149 | 63 | 1114 | 66382000 |
| CONTROL | STEERING-LANDING-GEAR | AIR | 133.333 | 354.82 | 68 | .015 | 63 | 1114 | 66384000 |
| CONTROL | SPEED-BRAKE-SYSTEM | AIR | 146.3 | 214.266 | 406 | .03766 | 64 | 1279 | 66386000 |
| CONTROL | AIR-COMPRESSOR-SYSTEM | AIR | 153.139 | 595.666 | 43 | .00653 | 66 | 1240 | 66388000A |
| CONTROL | SERVO,VARI-RAMP | AIR | 163.636 | 258.25 | 320 | .055 | 61 | 1080 | 66390000A |
| CONTROL | STEERING-LANDING-GEAR | AIR | 196.989 | 257.751 | 50 | .12691 | 65 | 1198 | 66392000 |
| CONTROL | STEERING-LANDING-GEAR | AIR | 214.832 | 281.096 | 100 | .11637 | 65 | 1198 | 66394000 |
| CONTROL | STEERING-LANDING-GEAR | AIR | 227.272 | 307.33 | 102 | .088 | 63 | 1114 | 66396000 |
| CONTROL | STEERING-LANDING-GEAR | AIR | 448.218 | 556.578 | 50 | .08478 | 63 | 1198 | 66398000 |
| CONTROL | STEERING-LANDING-GEAR | AIR | 483.333 | 614.441 | 50 | .075 | 63 | 1114 | 66400000 |
| CONTROL | WINGFOLD | AIR | 612.957 | 955 | 86 | .01306 | 66 | 1240 | 66402000A |
| CONTROL | SPEED-BRAKE | AIR | 1309.09 | 1539.84 | 320 | .055 | 61 | 1080 | 66404000A |
| CONTROL.COMPLEX-ACTUATION | | AIR | 3.22P | | | | 65 | 2590 | 66406000 |
| CONTROL.COMPLEX-ACTUATION, CONTROL | | AIR | 1.99P | | | | 65 | 2590 | 66408000 |
| CONTROL.COMPLEX-ACTUATION, CONTROL | | AIR | 2.16P | | | | 65 | 2590 | 66410000 |
| CONTROL.COMPLEX-ACTUATION, GROUND-CHECK | | AIR | 3.03P | | | | 65 | 2590 | 66412000 |
| CONTROL.COMPLEX-ACTUATION, GROUND-CHECK | | AIR | 5.7P | | | | 65 | 2590 | 66414000 |
| CONTROL.COMPLEX-ACTUATION, MANIFOLD | | AIR | .92P | | | | 65 | 2590 | 66416000 |
| CONTROL.COMPLEX-ACTUATION, MANIFOLD | | AIR | 3.19P | | | | 65 | 2590 | 66418000 |
| CONTROL.FLOW | PITCH-TRIM-AC | AIR | 121.359 | 270.258 | 48 | .02472 | 65 | 1227 | 66420000 |
| CONTROL.FLOW | PITCH-TRIM-ACTUATOR | AIR | 121.565 | 225.497 | 76 | .04113 | 65 | 1250 | 66422000 |
| CONTROL.HYDRAULIC-ACTUATION | | AIR | .18P | | | | 65 | 2590 | 66424000 |
| CONTROL.HYDRAULIC-ACTUATION | | AIR | .64P | | | | 65 | 2590 | 66426000 |

TEXT NOT REPRODUCIBLE



SECTION I FAILURE RATE DATA

PART CLASS 529 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .:: HYDRAULIC | | | | | | | | | |
| CONTROL.HYDRAULIC-ACTUATION.BRAKE-SHUTTLE | | AIR | .26P | | | | 65 | 2590 | 66428000 |
| CONTROL.HYDRAULIC-ACTUATION.SHUTTLE | | AIR | .08P | | | | 65 | 2590 | 66430000 |
| CONTROL.HYDRAULIC-ACTUATION.SHUTTLE | | AIR | .1P | | | | 65 | 2590 | 66432000 |
| CONTROL.HYDRAULIC-ACTUATION.SHUTTLE | | AIR | .12P | | | | 65 | 2590 | 66434000 |
| CONTROL.HYDRAULIC-ACTUATION.SHUTTLE | | AIR | .36P | | | | 65 | 2590 | 66436000 |
| CONTROL.HYDRAULIC-ACTUATION.SHUTTLE | | AIR | .88P | | | | 65 | 2590 | 66438000 |
| CONTROL.HYDRAULIC-ACTUATION.SHUTTLE | | AIR | 1.08P | | | | 65 | 2590 | 66440000 |
| CONTROL.LANDING-ECCL-RECOVERY-LAYER | | AIR | 1[illegible].732 | 151.957 | | .1092 | 66 | 1263 | 66442000 |
| CONTROL.MANUAL-ACTUATION | | AIR | .9P | | | | 65 | 2590 | 66444000 |
| CONTROL.MANUAL-ACTUATION | DUAL-BRAKE-CONTROL | AIR | .99P | | | | 65 | 2590 | 66446000 |
| CONTROL.MANUAL-ACTUATION | | AIR | 1.1P | | | | 65 | 2590 | 66448000 |
| CONTROL.MANUAL-ACTUATION | | AIR | 1.22P | | | | 65 | 2590 | 66450000 |
| CONTROL.MANUAL-ACTUATION | DUAL-BRAKE-CONTROL | AIR | 1.28P | | | | 65 | 2590 | 66452000 |
| CONTROL.MANUAL-ACTUATION SELECTOR | | AIR | 1.2P | | | | 65 | 2590 | 66454000 |
| CONTROL-3-WAY-NOSE-LANDING-GEAR | LANDING-GEAR.707-131B | AIR | 13 P | | | | 66 | 2364 | 66456000 |
| CONTROL-3-WAY-NOSE-LANDING-GEAR | LANDING-GEAR.331C/373C | AIR | 51.P | | | | 65 | 2365 | 66458000 |
| DC-MOTOR | FLIGHT-CONTROL.331C/373C | AIR | 5.P | | | | 66 | 2363 | 66460000 |
| DC-MOTOR | FLIGHT-CONTROL.331C/373C | AIR | 5.P | | | | 65 | 2363 | 66462000 |
| DC-MOTOR | FLIGHT-CONTROL.331C/373C | AIR | 15.P | | | | 65 | 2363 | 66464000 |
| DIVERTER | RUDDER-ASSEMBLY | AIR | 0 | 27.1397 | 50 | .06478 | 63 | 1198 | 66466000 |
| DIVERTER | RUDDER-ASSEMBLY | AIR | 34.1909 | 59.8414 | 204 | .174 | 63 | 1114 | 66468000 |
| DIVERTER | RUDDER-ASSEMBLY | AIR | 63.0144 | 88.4234 | 100 | .25391 | 65 | 1198 | 66470000 |
| DIVERTER | RUDDER-ASSEMBLY | AIR | 193.549 | 339.745 | 136 | .031 | 63 | 1114 | 66472000 |
| DIVERTER | RUDDER-ASSEMBLY | AIR | 21[illegible].535 | 254.571 | 200 | .23274 | 65 | 1198 | 66474000 |
| DUMP | LANDING-GEAR.MAIN | AIR | 23.5904 | 47.1428 | 100 | .15956 | 63 | 1198 | 66476000 |
| DUMP | LANDING-GEAR.MAIN | AIR | 26.9456 | 53.6479 | 100 | .149 | 63 | 1114 | 66478000 |
| DUMP | LANDING-GEAR.MAIN | AIR | 94.7368 | 149.536 | 76 | .095 | 64 | 1266 | 66480000A |
| EMERGENCY-FIREWALL-SHUTOFF | HYDRAULIC-POWER.880 | AIR | 40P | | | | 65 | 2363 | 66482000 |
| EMERGENCY-FIREWALL-SHUTOFF | HYDRAULIC-POWER.880 | AIR | 80P | | | | 66 | 2363 | 66484000 |
| FILLER | AIR-TANK.LANDING.MAIN | AIR | 60.6796 | 135.129 | 96 | .04944 | 65 | 1227 | 66 88000 |
| FILLER | AIR-TANK.LANDING-GEAR.MAIN | AIR | 60.7828 | 112.748 | 152 | .08226 | 66 | 1250 | 66488000A |
| FILLER.AIR | | AIR | 37.037 | 74.0143 | | .108 | 63 | 2107 | 66490000 |
| FILTERED-RES | HYDRAULIC-POWER.707-131B | AIR | 7.P | | | | 66 | 2364 | 66492000 |
| FILTERED-RES | HYDRAULIC-POWER.707.331 | AIR | 130P | | | | 66 | 2361 | 66494000 |

PART CLASS .25 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 HYDRAULIC | | | | | | | | | |
| FLAP-LOCK | FLIGHT-CONTROLS.707-3318 | AIR | 2CP | | | | 66 | 2364 | 66496000 |
| FUEL-OR-OIL-SHUTOFF-OR-CONT.PNEL-ACTUATION. ACCELERATION | | AIR | .1CP | | | | 65 | 2590 | 66498000 |
| FUEL-OR-OIL-SHUTOFF-OR-CONT.PNEL-ACTUATION. FUEL-DRAIN | | AIR | .1CP | | | | 65 | 2590 | 66500000 |
| FUEL-OR-OIL-SHUTOFF-OR-CONTROL. PNEUMATIC-ACTUATION | | AIR | .1CP | | | | 65 | 2590 | 66502000 |
| INLINE-RELIEF | HYDRAULIC-POWER.707.3318 | AIR | 6CP | | | | 66 | 2361 | 66504000 |
| INLINE-RELIEF | HYDRAULIC-POWER.707.3218 | AIR | 13CP | | | | 66 | 2361 | 66506000 |
| INLINE-RELIEF-UTIL | HYDRAULIC-POWER.707.331 | AIR | 13CP | | | | 66 | 2361 | 66508000 |
| INLINE-RELIEF-UTILITY | HYDRAULIC-POWER.707-131 | AIR | 30CP | | | | 65 | 2362 | 66510000 |
| INLINE-RELIEF-UTILITY | HYDRAULIC-POWER.707-131 | AIR | 45CP | | | | 66 | 2364 | 66512000 |
| INLINE-RELIEF-UTILITY | HYDRAULIC-POWER.707-131 | AIR | 45CP | | | | 66 | 2364 | 66514000 |
| INLINE-RELIEF-UTILITY | HYDRAULIC-POWER.3318/3320 | AIR | 48CP | | | | 66 | 2360 | 66516000 |
| LANDING-GEAR | MANIFOLD | AIR | * | 11.6434 | 384 | .19776 | 65 | 1227 | 66518000 |
| LOCK/DUMP | WING-FLAP | AIR | 193.139 | 555.666 | 43 | .00653 | 66 | 1240 | 66520000A |
| MAIN-GEAR-SWIVEL | HYDRAULIC-POWER.727 | AIR | 3CP | | | | 66 | 2360 | 66522000 |
| MANUAL.PLEIC | POWER-CONTROL | AIR | 56.3412 | 103.353 | | .03922 | 66 | 1241 | 66524000 |
| METERING | MAIN.LANDING-GEAR | GRD | * | 56.1472 | 48 | .02472 | 65 | 1227 | 66526000 |
| METERING | MAIN.LANDING-GEAR | AIR | * | 55.5814 | 76 | .04113 | 66 | 1250 | 66528000A |
| METERING | PILOT.LANDING-GEAR | AIR | 48.6263 | 93.1742 | 152 | .08226 | 66 | 1250 | 66530000A |
| METERING | | GRD | 958.333 | 1164.08 | 124 | .048 | 63 | 1111 | 66532000 |
| METERING.PILOT | LANDING-GEAR | AIR | 22.2265 | 78.6751 | 96 | .04944 | 65 | 1227 | 66534000 |
| MOTOR-FLAP-BYPASS | FLIGHT-CONTROL.727 | AIR | 3CP | | | | 66 | 2363 | 66536000 |
| PILOT.MANUAL | THRUST-REVERSER | AIR | * | 13.5575 | 304 | .1645 | 66 | 1250 | 66538000 |
| PILOT.MANUAL. | THRUST-REVERSER | AIR | * | 23.2868 | 192 | .09888 | 65 | 1227 | 66540000 |
| PILOT.SOLENOID | THRUST-REVERSER | AIR | * | 23.2868 | 192 | .09888 | 65 | 1227 | 66542000 |
| PILOT.SOLENOID | THRUST-REVERSER | AIR | * | 13.5575 | 304 | .1645 | 65 | 1250 | 66544000 |
| PRESS-REG | HYDRAULIC-POWER.727 | AIR | 22CP | | | | 66 | 2363 | 66546000 |
| PRESS-RELIEF | HYDRAULIC-POWER.727 | AIR | 23CP | | | | 66 | 2365 | 66548000 |
| PRESSURE | | GRD | 917.431 | 3569.53 | | .00109 | 62 | 213 | 66550000 |
| PRESSURE | | GRD | 917.431 | 3569.53 | | .00109 | 62 | 213 | 66552000 |
| PRESSURE | | GRD | 1369.86 | 3050.59 | | .00219 | 62 | 213 | 66554000 |
| PRESSURE | | GRD | 1814.86 | 4882.84 | | .00109 | 62 | 213 | 66556000 |
| PRESSURE | | GRD | 4557.15 | 8508.85 | | .00109 | 62 | 213 | 66558000 |
| PRESSURE-LIMIT | FLOOR-CONTROL-SYSTEM | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 66560000 |
| PRESSURE-LIMIT | FLOOR-CONTROL-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 66562000 |
| PRESSURE-REG | HYDRAULIC-POWER.727 | AIR | 37CP | | | | 66 | 2360 | 66564000 |
| PRESSURE-REG | HYDRAULIC-POWER.727 | AIR | 56CP | | | | 66 | 2360 | 66566000 |
| PRESSURE-REGULATOR | HYDRAULIC-POWER.727 | AIR | 82CP | | | | 65 | 2360 | 66568000 |
| PRESSURE-REGULATOR/RELIEF | | AIR | 51.0464 | 198.555 | 129 | .01959 | 66 | 1240 | 66570000A |
| PRESSURIZING | THRUST-REVERSER | AIR | * | 23.2868 | 192 | .09888 | 65 | 1227 | 66572000 |

PART CLASS 925 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .70 HYDRAULIC | | | | | | | | | |
| PRESSURIZING | THRUST-REVERSER | AIR | * | 13.9975 | 304 | .1645 | 66 | 1250 | 66574000 |
| PRIORITY | HYDRAULIC-POWER.707.3318 | AIR | 20P | | | | 66 | 2361 | 66578000 |
| PRIORITY | HYDRAULIC-POWER.707.1318 | AIR | 20P | | | | 66 | 2361 | 66578000 |
| PRIORITY | HYDRAULIC-POWER.707-1318 | AIR | 20P | | | | 66 | 2364 | 66580000 |
| PRIORITY | HYDRAULIC-POWER.707.3318 | AIR | 20P | | | | 66 | 2361 | 66582000 |
| PRIORITY | HYDRAULIC-POWER.707-3318 | AIR | 30P | | | | 66 | 2364 | 66584000 |
| PRIORITY | HYDRAULIC-POWER.707.1318 | AIR | 40P | | | | 65 | 2361 | 66586000 |
| PRIORITY | HYDRAULIC-POWER.707-1318 | AIR | 40P | | | | 66 | 2362 | 66588000 |
| PRIORITY | HYDRAULIC-POWER.707-3318 | AIR | 40P | | | | 66 | 2362 | 66590000 |
| PRIORITY | HYDRAULIC-POWER.707-3318 | AIR | 50P | | | | 66 | 2362 | 66592000 |
| PRIORITY | HYDRAULIC-POWER.707-1318 | AIR | 50P | | | | 66 | 2362 | 66594000 |
| PRIORITY | HYDRAULIC-POWER.707.1318 | AIR | 60P | | | | 66 | 2361 | 66596000 |
| PRIORITY | HYDRAULIC-POWER.707-1318 | AIR | 70P | | | | 66 | 2364 | 66598000 |
| PRIORITY | HYDRAULIC-POWER.331C/373C | AIR | 80P | | | | 65 | 2363 | 66600000 |
| PRIORITY | HYDRAULIC-POWER.331C/373C | AIR | 80P | | | | 66 | 2363 | 66602000 |
| PRIORITY | HYDRAULIC-POWER.707-3318 | AIR | 100P | | | | 66 | 2364 | 66604000 |
| PRIORITY | HYDRAULIC-POWER.707-1318 | AIR | 160P | | | | 65 | 2362 | 66606000 |
| PRIORITY-CARGO-DOOR | HYDRAULIC-POWER.727 | AIR | 210P | | | | 66 | 2365 | 66608000 |
| PRIORITY-CARGO-DOOR | HYDRAULIC-POWER.727 | AIR | 240P | | | | 66 | 2363 | 66612000 |
| PRIORITY-CARGO-DOOR | HYDRAULIC-POWER.727 | AIR | 680P | | | | 65 | 2363 | 66612000 |
| REDUCING.PRESSURE | NOSE-LANDING-GEAR | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 66614000A |
| REDUCING.PRESSURE | RUDDER-ASSEMBLY | AIR | * | 9.07178 | 100 | .25382 | 65 | 1198 | 66616000 |
| REDUCING.PRESSURE | NOSE-LANDING-GEAR | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 66618000 |
| REDUCING.PRESSURE | WING-FLAP | AIR | 11.7952 | 45.8799 | 50 | .08478 | 63 | 1198 | 66620000 |
| REDUCING.PRESSURE | RUDDER-ASSEMBLY | AIR | 25.7798 | 45.2526 | 200 | .23274 | 65 | 1198 | 66622000 |
| REDUCING.PRESSURE | RUDDER-ASSEMBLY | AIR | 46.9798 | 78.9993 | 100 | .149 | 63 | 1114 | 66624000 |
| REDUCING.PRESSURE | RUDDER-ASSEMBLY | AIR | 47.1809 | 76.6377 | 100 | .16956 | 63 | 1198 | 66626000 |
| REDUCING.PRESSURE | LANDING.NOSE | AIR | 106.157 | 167.563 | 50 | .08478 | 63 | 1198 | 66628000 |
| REDUCING.PRESSURE | LANDING.NOSE | AIR | 120 | 189.413 | 50 | .075 | 63 | 1114 | 66630000 |
| REGULATING.FLOW | THRUST-REVERSER | AIR | * | 23.2866 | 192 | .05888 | 65 | 1227 | 66632000 |
| REGULATING.FLOW | | AIR | * | 46.3486 | | .04968 | 63 | 1123 | 66634000 |
| REGULATING.FLOW | MAIN-LANDING-GEAR | AIR | 4.29664 | 16.7126 | 200 | .23274 | 65 | 1198 | 66636000 |
| REGULATING.FLOW | MAIN-LANDING-GEAR | AIR | 7.8796 | 20.9687 | 100 | .25382 | 65 | 1198 | 66638000 |
| REGULATING.FLOW | MAIN-LANDING-GEAR | AIR | 11.3636 | 30.2403 | 204 | .176 | 63 | 1114 | 6664 000 |
| REGULATING.FLOW | THRUST-REVERSER | AIR | 12.158 | 32.3544 | 304 | .1645 | 66 | 1250 | 66642000A |
| REGULATING.FLOW | MAIN-LANDING-GEAR | AIR | 20.1342 | 44.8375 | 100 | .149 | 63 | 1114 | 66644000 |
| REGULATING.FLOW | MAIN-LANDING-GEAR | AIR | 23.5904 | 47.1428 | 100 | .16956 | 63 | 1198 | 66646000 |
| REGULATING.PRESSURE | | AIR | 200 | 777.94 | 16 | .005 | 59 | 1110 | 66648000 |
| RELF-RESVR-373C | HYDRAULIC-POWER.727 | AIR | 300P | | | | 65 | 2365 | 66650000 |
| RELIEF | CRUISE-CROSS-RESTRICTOR | AIR | * | 22.9388 | | .10038 | 63 | 1123 | 66652000A |
| RELIEF | HORIZONTAL-STABILIZER | AIR | * | 13.1336 | 812 | .17532 | 64 | 1179 | 66654000 |
| RELIEF | AILERON-SYSTEM | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 66656000 |
| RELIEF | SPEED-BRAKE-SYSTEM | AIR | * | 26.2673 | 406 | .08766 | 64 | 1179 | 66658000 |
| RELIEF | RUDDER-SYSTEM | AIR | * | 10.0752 | 946 | .22854 | 65 | 1228 | 66660000 |
| RELIEF | HORIZONTAL-STABILIZER | AIR | * | 10.0752 | 946 | .22854 | 65 | 1228 | 66662000 |

PART CLASS 421 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90% CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .10 HYDRAULIC | | | | | | | | | |
| RELIEF | THRUST-REVERSER | AIR | * | 13.5975 | 304 | .1665 | 66 | 1230 | 66664000A |
| RELIEF | GUN-TURRET-FIRE-CONTROL | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 66666000 |
| RELIEF | AILERON-SYSTEM | AIR | * | 10.2752 | 946 | .22854 | 65 | 1228 | 66668000 |
| RELIEF | THRUST-REVERSER | AIR | * | 23..866 | 192 | .09838 | 65 | 1227 | 66670000 |
| RELIEF | RUDDER-SYSTEM | AIR | .965531 | 3.75562 | 1194 | 1.0357 | 67 | 1272 | 66672000 |
| RELIEF | HORIZONTAL-STABILIZER | AIR | .965531 | 3.75562 | 1194 | 1.0357 | 67 | 1272 | 66674000 |
| RELIEF | SPEED-BRAKE-SYSTEM | AIR | 1.93091 | 7.51086 | 597 | .51789 | 67 | 1272 | 66676000 |
| RELIEF | AILERON-SYSTEM | AIR | 1.93116 | 5.13884 | 1194 | 1.0357 | 67 | 1272 | 66678000 |
| RELIEF | WING-DROOP-RESTRICTOR | AIR | 1.94768 | 7.57591 | | .51343 | 63 | 1123 | 66680000A |
| RELIEF | SPEED-BRAKE-SYSTEM | AIR | 8.7512 | 24.. 395 | 473 | .11427 | 65 | 1228 | 66682000 |
| RELIEF | FLIGHT-SYSTEM | AIR | 11.5263 | 23.4414 | 228 | .265 | 64 | 1266 | 66684000A |
| RELIEF | | AIR | 14.4927 | 38.9673 | | .138 | 59 | 1070 | 66686000 |
| RELIEF | | AIR | 18.5185 | 26.e243 | | .756 | 63 | 2107 | 66688000 |
| RELIEF | | AIR | 21.0526 | 36.9547 | | .285 | 63 | 2121 | 66690000 |
| RELIEF | HYDRAULIC-POWER.331C/373C | AIR | 4CP | | | | 66 | 2365 | 66692000 |
| RELIEF | HYDRAULIC-POWER.331C/373C | AIR | 4CP | | | | 66 | 2360 | 66694000 |
| RELIEF | LANDING-GEAR.NOSE | AIR | 47.1809 | 54.2857 | 50 | .08478 | 63 | 1198 | 66696000 |
| RELIEF | LANDING-GEAR.NOSE | AIR | 53.3333 | 106.58 | 50 | .075 | 63 | 1114 | 66698000 |
| RELIEF | WHEEL-BRAKE | AIR | 54.5454 | 121.469 | 320 | .045 | 61 | 1080 | 66700000 |
| RELIEF | HYDRAULIC-POWER.331C/373C | AIR | 5CP | | | | 66 | 2363 | 66702000 |
| RELIEF | | AIR | 104.089 | 124.283 | | .548 | 63 | 2113 | 66704000 |
| RELIEF.AN-6279-6CC | | AIR | 19.8C19 | 32.165 | | .404 | 59 | 1070 | 66706000 |
| RELIEF.PRESSURE | RUDDER-ASSEMBLY | AIR | * | 9.89344 | 200 | .23274 | 65 | 1198 | 66708000 |
| RELIEF.PRESSURE | NOSE-WHEEL | AIR | 1.94768 | 7.57591 | | .51343 | 63 | 1123 | 66710000A |
| RELIEF.PRESSURE | RUDDER-ASSEMBLY | AIR | 17.0454 | 37.955 | 204 | .176 | 63 | 1114 | 66712000 |
| RELIEF.PRESSURE | RUDDER-ASSEMBLY | AIR | 19.6985 | 36.5464 | 100 | .25382 | 65 | 1198 | 66714000 |
| RELIEF.PRESSURE | RUDDER-ASSEMBLY | AIR | 25.488 | 54.698e | 100 | .18956 | 63 | 1198 | 66716000 |
| RELIEF.PRESSURE | RUDDER-ASSEMBLY | AIR | 33.557 | 62.2463 | 100 | .149 | 63 | 1114 | 66718000 |
| RELIEF.PRESSURE | | AIR | 41.6666 | 92.7888 | 186 | .072 | 63 | 2111 | 66720000 |
| RELIEF.PRESSURE | LANDING-GEAR | AIR | 96.4122 | 121.695 | | .34228 | 63 | 1123 | 66722000A |
| RELIEF.PRESSURE | | GRD | 704.225 | 2739.22 | 23 | .00142 | 63 | 1125 | 66724000 |
| RELIEF.PRESSURE | | GRD | 917.431 | 3568.53 | 17 | .00109 | 62 | 1113 | 66726000 |
| RELIEF.THERMAL-EXPANSION | SPEEDBRAKE | AIR | 70.4437 | 118.455 | | .09937 | 63 | 1123 | 66728000A |
| RESTRICTOR | CRUISE-DROOP.WING | AIR | * | 26.9089 | | .08557 | 63 | 1123 | 66730000A |
| RESTRICTOR | LANDING-GEAR.NOSE | AIR | 5.77385 | 22.1862 | 812 | .17532 | 64 | 1179 | 66732000 |
| RESTRICTOR | LANDING-GEAR.NOSE | AIR | 7.8796 | 20.9697 | 100 | .25382 | 65 | 1198 | 66734000 |
| RESTRICTOR | LANDING-GEAR.NOSE | AIR | 11.3636 | 30.2403 | 204 | .176 | 63 | 1114 | 66736000 |
| RESTRICTOR | LANDING-GEAR.MAIN | AIR | 14.2596 | 26.9507 | 1624 | .35064 | 64 | 1179 | 66738000 |
| RESTRICTOR | LANDING-GEAR.MAIN | AIR | 21.7233 | 26.4919 | 2388 | 2.0715 | 67 | 1272 | 66740000 |
| RESTRICTOR | LANDING-GEAR.NOSE | AIR | 21.878 | 40.5823 | 946 | .22854 | 65 | 1228 | 66742000 |
| RESTRICTOR | LANDING-GEAR.NOSE | AIR | 29.9314 | 38.0707 | 1194 | 1.0357 | 67 | 1272 | 66744000 |
| RESTRICTOR | LANDING-GEAR.NOSE | AIR | 30.0764 | 50.5753 | 200 | .23274 | 65 | 1198 | 66746000 |
| RESTRICTOR | LANDING-GEAR.NOSE | AIR | 32.258 | 125.474 | 136 | .031 | 63 | 1114 | 66748000 |
| RESTRICTOR | LANDING-GEAR.NOSE | AIR | 41.2833 | 69.4202 | 100 | .18956 | 63 | 1198 | 66750000 |
| RESTRICTOR | LANDING-GEAR.NOSE | AIR | 46.9798 | 70.9993 | 100 | .149 | 63 | 1114 | 66752000 |

PART CLASS 625 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR | MO | DATA SHEET | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|---|
| .60 HYDRAULIC | | | | | | | | | | |
| RESTRICTOR. | LANDING-GEAR.MAIN | AIR | 19.6402 | 31.0798 | 1002 | .45708 | 65 | 1228 | 66754000 | |
| RESTRICTOR.RELIEF | LANDING-DROOP | AIR | 9.96214 | 38.7487 | | .10038 | 63 | 1123 | 66754000A | |
| SELECTOR | DOWN-LOCK.LANDING-GEAR.MAIN | AIR | • | 55.9834 | 76 | .04113 | 66 | 1250 | 66758000A | |
| SELECTOR | DOWN-LOCK.LANDING.MAIN | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 66760000 | |
| SELECTOR | RUDDER-PEDAL | AIR | • | 55.9834 | 76 | .04113 | 66 | 1250 | 66762000A | |
| SELECTOR | RUDDER-PEDAL | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 66764000 | |
| SELECTOR | EMERGENCY.LANDING-GEAR | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 66766000 | |
| SELECTOR | LANDING-GEAR | AIR | • | 93.1472 | 48 | .02472 | 65 | 1227 | 66768000 | |
| SELECTOR | LANDING-GEAR | AIR | 24.3131 | 94.5708 | 76 | .04113 | 66 | 1250 | 66770000A | |
| SELECTOR | EMERGENCY.LANDING-GEAR | AIR | 24.3131 | 94.5708 | 76 | .04113 | 66 | 1250 | 66772000A | |
| SELECTOR | LANDING-GEAR.NOSE | AIR | 24.3131 | 94.5708 | 76 | .04113 | 66 | 1250 | 66774000A | |
| SELECTOR | NORM.WING-FLAP-ASSEMBLY | AIR | 31.5183 | 62.9859 | 50 | .12691 | 65 | 1198 | 66776000 | |
| SELECTOR | NORM.WING-FLAP-ASSEMBLY | AIR | 34.0909 | 75.9101 | 102 | .088 | 63 | 1114 | 66778000 | |
| SELECTOR | EMERGENCY.WING-FLAP | AIR | 40 | 89.0773 | 50 | .075 | 63 | 1114 | 66780000 | |
| SELECTOR | CRUISE-DROOP | AIR | 58.4316 | 108.387 | | .08557 | 63 | 1123 | 66782000 | |
| SELECTOR | RUDDER-FEEL-TRIM | AIR | 58.9564 | 103.489 | | .10177 | 66 | 1241 | 66784000 | |
| SELECTOR | POWER-STEERING | AIR | 67.2268 | 85.1738 | 300 | .476 | 64 | 1266 | 66784000A | |
| SELECTOR | NORM.WING-FLAP-ASSEMBLY | AIR | 68.7462 | 111.667 | 100 | .11637 | 65 | 1198 | 66788000 | |
| SELECTOR | EMERGENCY.WING-FLAP | AIR | 70.7714 | 124.228 | 50 | .08478 | 63 | 1198 | 66790000 | |
| SELECTOR | NORM.WING-FLAP-ASSEMBLY | AIR | 80 | 140.428 | 50 | .075 | 63 | 1114 | 66792000 | |
| SELECTOR | LANDING-GEAR.MAIN | AIR | 80.9061 | 215.303 | 48 | .02472 | 65 | 1227 | 66794000 | |
| SELECTOR | LANDING-GEAR.NOSE | AIR | 80.9061 | 215.303 | 48 | .02472 | 65 | 1227 | 66796000 | |
| SELECTOR | LANDING-GEAR.MAIN | AIR | 86.6755 | 130.786 | 50 | .12691 | 65 | 1198 | 66798000 | |
| SELECTOR | LANDING-GEAR.MAIN | AIR | 90.909 | 147.667 | 102 | .088 | 63 | 1114 | 66800000 | |
| SELECTOR | NORM.WING-FLAP-ASSEMBLY | AIR | 94.3618 | 153.275 | 50 | .08478 | 63 | 1198 | 66802000 | |
| SELECTOR | EMERGENCY.MAIN-LANDING-GEAR | AIR | 94.3618 | 153.275 | 50 | .08478 | 63 | 1198 | 66804000 | |
| SELECTOR | BRAKE.EMERGENCY | AIR | 103.119 | 192.801 | 100 | .11637 | 65 | 1198 | 66806000 | |
| SELECTOR | EMERGENCY.MAIN-LANDING-GEAR | AIR | 106.666 | 173.262 | 50 | .075 | 63 | 1114 | 66808000 | |
| SELECTOR | LANDING-GEAR.MAIN | AIR | 121.565 | 225.497 | 76 | .04113 | 66 | 1250 | 66810000A | |
| SELECTOR | | AIR | 130.051 | 140.587 | | 2.153 | 63 | 2113 | 66812000 | |
| SELECTOR | BRAKE.EMERGENCY | AIR | 133.333 | 354.82 | 68 | .015 | 63 | 1114 | 66814000 | |
| SELECTOR | NORM.WING-FLAP-ASSEMBLY | AIR | 133.333 | 354.82 | 68 | .015 | 63 | 1114 | 66816000 | |
| SELECTOR | LANDING-GEAR.MAIN | AIR | 133.333 | 354.82 | 68 | .015 | 63 | 1114 | 66818000 | |
| SELECTOR | BRAKE.EMERGENCY | AIR | 133.953 | 186.006 | 50 | .12691 | 65 | 1198 | 66820000 | |
| SELECTOR | SPEED-BRAKE | AIR | 145.251 | 174.629 | | .358 | 66 | 1263 | 66822000 | |
| SELECTOR | BRAKE.LANDING-GEAR | AIR | 180.456 | 242.195 | 100 | .11637 | 65 | 1198 | 66824000 | |
| SELECTOR | BRAKE.EMERGENCY | AIR | 181.818 | 259.131 | 102 | .088 | 63 | 1114 | 66826000 | |
| SELECTOR | BRAKE.LANDING-GEAR | AIR | 193.101 | 268.251 | 102 | .088 | 63 | 1114 | 66828000 | |
| SELECTOR | ARRESTING-GEAR | AIR | 194.127 | 218.981 | | .613 | 63 | 1123 | 66830000A | |
| SELECTOR | LANDING-GEAR.MAIN | AIR | 200 | 283.898 | 50 | .075 | 63 | 1114 | 66832000 | |
| SELECTOR | LANDING-GEAR.MAIN | AIR | 200.516 | 276.439 | 50 | .08478 | 63 | 1198 | 66834000 | |
| SELECTOR | DOOR.AUXILIARY-AIR.ENGINE | AIR | 215.728 | 253.907 | | .30594 | 66 | 1241 | 66836000 | |
| SELECTOR | LANDING-GEAR.MAIN | AIR | 249.205 | 319.657 | 100 | .11637 | 65 | 1198 | 66838000 | |
| SELECTOR | BRAKE.LANDING-GEAR | AIR | 252.147 | 319.46 | 50 | .12691 | 65 | 1198 | 66840000 | |
| SELECTOR | BRAKE.EMERGENCY | AIR | 293.333 | 390.936 | 50 | .075 | 63 | 1114 | 66842000 | |

PART CLASS S25 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | R&M DATA SRCE | R&M DATA REF NO | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .0 HYDRAULIC | | | | | | | | | |
| SELECTOR | BRAKE,EMERGENCY | AIR | 334.266 | 425.571 | 50 | .08478 | 63 | 1194 | 66844000 |
| SELECTOR | BRAKE,LANDING-GEAR | AIR | 342.061 | 438.765 | 50 | .08478 | 63 | 1198 | 66846000 |
| SELECTOR | BRAKE,LANDING-GEAR | AIR | 373.333 | 481.066 | 50 | .075 | 63 | 1114 | 66848000 |
| SELECTOR | LANDING-GEAR-DOOR | AIR | 1531.39 | 2359.36 | 43 | .00653 | 66 | 1240 | 66850000A |
| SELECTOR,SHIFT | | AIR | 343.866 | 378.583 | 424 | .538 | 64 | 1266 | 66852000A |
| SELECTOR,SOLENOID | UTILITY-SYSTEM | AIR | 78.3825 | 97.5534 | | .39276 | 66 | 1241 | 66854000 |
| SELECTOR,4-WAY | SPEED BRAKE | AIR | 350.09 | 447.763 | | .0855T | 63 | 1123 | 66856000A |
| SEQUENCE,PRESSURE | | AIR | * | 29.1719 | | .09937 | 63 | 1123 | 66858000A |
| SERVO | SURFACE-TO-AIR-MISSILE(STORAGE) | GRD | * | 6.5172 | 12 | .33288 | 64 | 1191 | 66860000 |
| SERVO | WING-FLAP-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 66862000 |
| SERVO | (STORAGE) | GRD | * | 34.0471 | 3 | .0657 | 64 | 1191 | 66864000 |
| SERVO | (STORAGE) | MSL | .250896 | .421896 | 7518 | 27.9 | 65 | 1234 | 66866000 |
| SERVO | HORIZONTAL-STABILIZER | AIR | 35.0048 | 56.8596 | 946 | .22854 | 65 | 1228 | 66868000 |
| SERVO | RUDDER-SYSTEM | AIR | 56.8828 | 82.9524 | 946 | .22854 | 65 | 1228 | 66870000 |
| SERVO | HORIZONTAL-STABILIZER | AIR | 61.8284 | 71.8765 | 1194 | 1.0357 | 67 | 1272 | 66872000 |
| SERVO | AILERON-SYSTEM | AIR | 61.2584 | 88.0721 | 946 | .22854 | 65 | 1228 | 66874000 |
| SERVO | AILERON-SYSTEM | AIR | 62.7424 | 94.6736 | 812 | .17532 | 64 | 1179 | 66876000 |
| SERVO | AILERON-SYSTEM | AIR | 62.7594 | 73.9615 | 1194 | 1.0357 | 67 | 1272 | 66878000 |
| SERVO | HORIZONTAL-STABILIZER | AIR | 68.4462 | 101.423 | 812 | .17532 | 64 | 1179 | 66880000 |
| SERVO | POWER-CONTROL,RUDDER | AIR | 97.9284 | 147.857 | | .07981 | 63 | 1123 | 66882000 |
| SERVO | WING-FLAP-SYSTEM | AIR | 121.359 | 270.258 | 48 | .02472 | 65 | 1227 | 66884000 |
| SERVO | RUDDER-SYSTEM | AIR | 125.518 | 140.837 | 1194 | 1.0357 | 67 | 1272 | 66886000 |
| SERVO | RUDDER-SYSTEM | AIR | 154.004 | 199.402 | 812 | .17532 | 64 | 1179 | 66888000 |
| SERVO | THRUST-VECTOR-ACTUATOR(PITCH), CONTROL-SYSTEM | GRD | 1739.13 | 3475.45 | | .0023 | 62 | 1135 | 66890000 |
| SERVO | LANDING-AILERON-GEAR-DRIVE | GRD | 1739.13 | 3475.45 | | .0023 | 62 | 1135 | 66892000 |
| SERVO | LANDING-RUDDER-GEAR-DRIVE | GRD | 1739.13 | 3475.45 | | .0023 | 62 | 1135 | 66894000 |
| SERVO | THRUST-VECTOR-ACTUATOR(YAW), CONTROL-SYSTEM | GRD | 2608.69 | 4475.17 | | .0023 | 62 | 1135 | 66896000 |
| SERVO | ELEVATOR-ACTUATOR,CONTROL | GRD | 4347.82 | 6698.54 | | .0023 | 62 | 1135 | 66898000 |
| SERVO | RUDDER-GEAR-BOX,CONT-SYSTEM | GRD | 1434.2 | 1731.5 | | .0022 | 62 | 1135 | 66900000 |
| SERVO,BALANCE | POS-ANGLE-WHEEL | AIR | 317.486 | 359.881 | | .25766 | 66 | 1241 | 66902000 |
| SERVO,FOLLOWUP | STEERING,RUDDERWHEEL | AIR | 15.4472 | 25.5516 | 597 | .51799 | 67 | 1272 | 66904000 |
| SERVO,3-WAY,1-STAGE | (STORAGE) | GRD | * | 1.07653 | 117 | 2.1389 | 64 | 1191 | 66906000 |
| SERVO-FOLLOWUP | STEERING,RUDDERWHEEL | AIR | 8.7512 | 34.1395 | 473 | .11427 | 65 | 1228 | 66908000 |
| SERVO-FOLLOWUP | STEERING,RUDDERWHEEL | AIR | 11.4477 | 44.3725 | 406 | .08766 | 64 | 1179 | 66910000 |
| SERVO-SELECT | WING-SPOILER-SYSTEM | AIR | 4.463 | 117.35 | 48 | .02472 | 65 | 1227 | 66912000 |
| SERVO-SELECT | WING-SPOILER-SYSTEM | AIR | 72.9394 | 162.431 | 76 | .04113 | 66 | 1250 | 66914000A |
| SHUT-OFF-GATE | HYDRAULIC-POWER,727-1318 | AIR | 7 P | | | | 66 | 2364 | 66916000 |
| SHUT-OFF-GATE | HYDRAULIC-POWER,727-1318 | AIR | 7 P | | | | 66 | 2362 | 66918000 |
| SHUT-OFF-GATE | HYDRAULIC-POWER,PR | AIR | 8 P | | | | 66 | 2363 | 66920000 |
| SHUT-OFF-GATE | HYDRAULIC-POWER,AR | AIR | 8 P | | | | 65 | 2365 | 66922000 |
| SHUT-OFF-GATE | HYDRAULIC-POWER,727-331 | AIR | 14 P | | | | 66 | 2361 | 66924000 |
| SHUT-OFF-GATE | HYDRAULIC-POWER,727-331 | AIR | 15 P | | | | 66 | 2362 | 66926000 |
| SHUT-OFF-GATE | HYDRAULIC-POWER,727-331 | AIR | 16 P | | | | 66 | 2366 | 66928000 |

PART CLASS 925 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .60 HYDRAULIC | | | | | | | | | |
| SHUT-OFF-GATE | HYDRAULIC-POWER.707-331 | AIR | 1?0P | | | | 66 | 2344 | 66938?10 |
| SHUT-OFF-GATE | HYDRAULIC-POWER.707-331 | AIR | 17CP | | | | 65 | 2342 | 66932000 |
| SHUT-OFF-GATE | HYDRAULIC-POWER.331C/373C | AIR | 25CP | | | | 66 | 2365 | 66934000 |
| SHUT-OFF-GATE | HYDRAULIC-POWER.707.131 | AIR | 260P | | | | 65 | 2361 | 66936000 |
| SHUTOFF | AILERON-CONTROL-SYSTEM | AIR | * | 23.2868 | 192 | .09888 | 65 | 1227 | 66938000 |
| SHUTOFF | PITCH-TRIM-ACTUATOR | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 66940000 |
| SHUTOFF | ASYMMETRY.WING-FLAP | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 66942000 |
| SHUTOFF | RUDDER-CONTROL-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 66944000 |
| SHUTOFF | RUDDER-CONTROL-SYSTEM | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 66946000 |
| SHUTOFF | AILERON-SYSTEM | AIR | 15.7591 | 31.4925 | 100 | .25382 | 65 | 1198 | 66948000 |
| SHUTOFF | AILERON-CONTROL-SYSTEM | AIR | 18.237 | 40.6127 | 304 | .1645 | 66 | 1250 | 66950000 |
| SHUTOFF | | AIR | 22.7272 | 45.4178 | 284 | .176 | 63 | 1114 | 66952000 |
| SHUTOFF | ASYMMETRY.WING-FLAP | AIR | 24.3131 | 94.5708 | 76 | .04113 | 66 | 1250 | 66954000 |
| SHUTOFF | PITCH-TRIM-ACTUATOR | AIR | 24.3131 | 94.5708 | 76 | .04113 | 66 | 1250 | 66956000 |
| SHUTOFF | ELEVATOR-ASSEMBLY | AIR | 27.5785 | 46.3749 | 180 | .25382 | 65 | 1198 | 66958000 |
| SHUTOFF | RAMP.VARIABLE-INLET | AIR | 28.5714 | 111.134 | 320 | .035 | 61 | 1088 | 66960000A |
| SHUTOFF | WHEEL-BRAKE | AIR | 30.529 | 81.2916 | | .04582 | 63 | 1123 | 66962000 |
| SHUTOFF | ELEVATOR-ASSEMBLY | AIR | 34.0909 | 59.8414 | 284 | .176 | 63 | 1114 | 66964000 |
| SHUTOFF | AILERON-SYSTEM | AIR | 38.6697 | 61.038 | 200 | .23274 | 65 | 1198 | 66966000 |
| SHUTOFF | ELEVATOR-ASSEMBLY | AIR | 38.6697 | 61.038 | 200 | .23274 | 65 | 1198 | 66968000 |
| SHUTOFF | ELEVATOR-ASSEMBLY | AIR | 40 | 89.0773 | 50 | .075 | 63 | 1114 | 66970000 |
| SHUTOFF | RESERVOIR.PRESSURE-SUPPLY | AIR | 89.8129 | 129.498 | 186 | .07162 | 63 | 1111 | 66972000 |
| SHUTOFF | ELEVATOR-ASSEMBLY | AIR | 82.5666 | 138.84 | 90 | .02478 | 63 | 1198 | 66974000 |
| SHUTOFF | STABILIZER-AUGMENTER.AUTO-PILOT | AIR | 92.6837 | 112.297 | 597 | .51789 | 67 | 1272 | 66976000 |
| SHUTOFF | STAB-AUGMENTER.AUTO-PILOT | AIR | 114.077 | 175.754 | 408 | .08764 | 64 | 1179 | 66978000 |
| SHUTOFF | STAB-AUGMENTER.AUTO-PILOT | AIR | 148.77 | 206.581 | 473 | .11427 | 65 | 1228 | 66980000 |
| SHUTOFF | ROLL-STABILIZATION | AIR | 215.334 | 241.398 | | .613 | 63 | 1123 | 66982000A |
| SHUTOFF | YAW-STABILIZATION | AIR | 215.334 | 241.398 | | .613 | 63 | 1123 | 66984000A |
| SHUTOFF.ACTUATOR | WING-SPOILER | AIR | 20.2263 | 93.8258 | 192 | .09888 | 65 | 1227 | 66986000 |
| SHUTOFF.FIRE | | AIR | 3.52671 | 9.38511 | 130 | .5671 | 65 | 1196 | 66988000 |
| SHUTOFF.HYDRAULIC-ACTUATION | | AIR | .02P | | | | 65 | 2590 | 66990000 |
| SHUTOFF.HYDRAULIC-ACTUATION | | AIR | .02P | | | | 65 | 2590 | 66992000 |
| SHUTOFF.HYDRAULIC-ACTUATION | | AIR | .05P | | | | 65 | 2590 | 66994000 |
| SHUTOFF.HYDRAULIC-ACTUATION.CHECK | | AIR | .03P | | | | 65 | 2590 | 66996000 |
| SHUTOFF.HYDRAULIC-ACTUATION.CHECK | | AIR | .05P | | | | 65 | 2590 | 66998000 |
| SHUTOFF.HYDRAULIC-ACTUATION.CHECK | | AIR | .08P | | | | 65 | 2590 | 67000000 |
| SHUTOFF.HYDRAULIC-ACTUATION.CHECK | | AIR | .32P | | | | 65 | 2590 | 67002000 |
| SHUTOFF.HYDRAULIC-ACTUATION.CHECK | | AIR | .47P | | | | 65 | 2590 | 67004000 |

SECTION I FAILURE RATE DATA

PART CLASS 625 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90% CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .CD HYDRAULIC | | | | | | | | | |
| SHUTOFF.HYDRAULIC-ACTUATION.CHECK | | AIR | .7P | | | | 65 | 2590 | 67006000 |
| SHUTOFF.HYDRAULIC-ACTUATION.PRESSURE-RELIEF | | AIR | .2P | | | | 65 | 2590 | 67008000 |
| SHUTOFF.HYDRAULIC-ACTUATION.RELIEF | | AIR | .02P | | | | 65 | 2590 | 67010000 |
| SHUTOFF.HYDRAULIC-ACTUATION.RELIEF | | AIR | .02P | | | | 65 | 2590 | 67012000 |
| SHUTOFF.MAIN-TUBE-BAY | | AIR | 2.40963 | 9.37277 | | .415 | 59 | 1070 | 67014000 |
| SHUTOFF.MANUAL | WING-FLAP-SYSTEM | AIR | 0 | 93.1472 | 48 | .02472 | 65 | 1227 | 67016000 |
| SHUTOFF.MANUAL | WING-FLAP-SYSTEM | AIR | 24.3131 | 94.5708 | 76 | .04113 | 66 | 1250 | 67018000 |
| SHUTOFF.MANUAL-ACTUATION | | AIR | .02P | | | | 65 | 2590 | 67020000 |
| SHUTOFF.MANUAL-ACTUATION | | AIR | .20P | | | | 65 | 2590 | 67022000 |
| SHUTOFF.MANUAL-ACTUATION.ASSEMBLY-MANUAL-BLEED | | AIR | .21P | | | | 65 | 2590 | 67024000 |
| SHUTOFF.MANUAL-ACTUATION.BLEED | | AIR | .01P | | | | 65 | 2590 | 67026000 |
| SHUTOFF.MANUAL-ACTUATION.BLEED | | AIR | .02P | | | | 65 | 2590 | 67028000 |
| SHUTOFF.MANUAL-ACTUATION.BLEED | | AIR | .08P | | | | 65 | 2590 | 67030000 |
| SHUTOFF.MANUAL-ACTUATION.BLEED | | AIR | .16P | | | | 65 | 2590 | 67032000 |
| SHUTOFF.MANUAL-ACTUATION.BLEED | | AIR | .26P | | | | 65 | 2590 | 67034000 |
| SHUTOFF.MANUAL-ACTUATION.BLEED | | AIR | .36P | | | | 65 | 2590 | 67036000 |
| SHUTOFF.MANUAL-ACTUATION.BLEED | | AIR | .39P | | | | 65 | 2590 | 67038000 |
| SHUTOFF.MANUAL-ACTUATION.BLEED | | AIR | .54P | | | | 65 | 2590 | 67040000 |
| SHUTOFF.MANUAL-ACTUATION.BLEED | | AIR | .62P | | | | 65 | 2590 | 67042000 |
| SHUTOFF.MANUAL-ACTUATION.DRAIN | | AIR | .01P | | | | 65 | 2590 | 67044000 |
| SHUTOFF.MANUAL-ACTUATION.DRAIN | | AIR | .04P | | | | 65 | 2590 | 67046000 |
| SHUTOFF.MANUAL-ACTUATION.DRAIN | | AIR | .08P | | | | 65 | 2590 | 67048000 |
| SHUTOFF.PRESSURE-OPERATED | | AIR | 76.5694 | 297.833 | 86 | .01904 | 64 | 1240 | 67050000A |
| SHUTOFF.SOLENOID | | AIR | 138.554 | 183.453 | 960 | .166 | 61 | 1000 | 67052000A |
| SHUTOFF.SOLENOID-OPERATION | RUDDER | AIR | 5.89761 | 22.9399 | 100 | .18956 | 63 | 1198 | 67054000 |
| SHUTOFF.SOLENOID-OPERATION | RUDDER | AIR | 6.7114 | 26.1053 | 100 | .167 | 63 | 1114 | 67056000 |
| SHUTOFF.SOLENOID-OPERATION | RUDDER | AIR | 15.7581 | 31.4429 | 100 | .25382 | 65 | 1198 | 67058000 |
| SHUTOFF.SOLENOID-OPERATION | RUDDER | AIR | 22.7272 | 45.4178 | 204 | .176 | 63 | 1114 | 67060000 |

PART CLASS 529 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 HYDRAULIC | | | | | | | | | |
| SHUTOFF.SOLENOID-OPERATION | BLEED | AIR | 42.9664 | 66.1960 | 200 | .23274 | 65 | 1198 | 67C52800 |
| SHUTOFF-GATE | HYDRAULIC-POWER.707.331 | AIR | 130P | | | | 66 | 2361 | 67064000 |
| SHUTOFF-MANUAL-ACTUATION. BLEED | | AIR | 7.91P | | | | 65 | 2590 | 67C66000 |
| SHUTOFF-OR-CONTROL. ELECTRIC-ACTUATION | | AIR | .35P | | | | 65 | 2590 | 67C68000 |
| SHUTOFF-OR-CONTROL. ELECTRIC-ACTUATION | | AIR | 1.25P | | | | 65 | 2590 | 67C70000 |
| SHUTOFF-OR-CONTROL. ELECTRIC-ACTUATION. | NORM-FLAP-SELECTOR | AIR | .32P | | | | 65 | 2590 | 67C72000 |
| SHUTOFF-OR-CONTROL. ELECTRIC-ACTUATION. | NORM-FLAP-SELECTOR | AIR | .72P | | | | 65 | 2590 | 67C74000 |
| SHUTOFF-OR-CONTROL. ELECTRIC-ACTUATION. | EMERGENCY-BRAKE-SELECTOR | AIR | 1.23P | | | | 65 | 2590 | 67C76000 |
| SHUTOFF-OR-CONTROL. ELECTRIC-ACTUATION. | EMERGENCY-BRAKE-SELECTOR | AIR | 1.36P | | | | 65 | 2590 | 67C78000 |
| SHUTOFF-OR-CONTROL. ELECTRIC-ACTUATION. | NORMAL-BRAKE-SELECTOR | AIR | 1.64P | | | | 65 | 2590 | 67C80000 |
| SHUTOFF-OR-CONTROL. ELECTRIC-ACTUATION. | NORMAL-BRAKE-SELECTOR | AIR | 2.55P | | | | 65 | 2590 | 67C82000 |
| SHUTOFF-OR-CONTROL. ELECTRIC-ACTUATION. ANTI-SKID | | AIR | .4P | | | | 65 | 2590 | 67C84000 |
| SHUTOFF-OR-CONTROL. ELECTRIC-ACTUATION. ANTI-SKID | | AIR | .56P | | | | 65 | 2590 | 67C86000 |
| SHUTOFF-OR-CONTROL. ELECTRIC-ACTUATION. CONTROL | | AIR | .16P | | | | 65 | 2590 | 67C88000 |
| SHUTOFF-OR-CONTROL. ELECTRIC-ACTUATION. DIVERTER | | AIR | .64P | | | | 65 | 2590 | 67C90000 |
| SHUTOFF-OR-CONTROL. ELECTRIC-ACTUATION. DIVERTER | | AIR | 1.95P | | | | 65 | 2590 | 67C92000 |
| SHUTOFF-OR-CONTROL. ELECTRIC-ACTUATION. ELEVATOR-SHUTOFF | | AIR | .28P | | | | 65 | 2590 | 67C94000 |
| SHUTOFF-OR-CONTROL. ELECTRIC-ACTUATION. FLAP-BRAKE.EMERGENCY | | AIR | .16P | | | | 65 | 2590 | 67C96000 |
| SHUTOFF-OR-CONTROL. ELECTRIC-ACTUATION. FLAP-BRAKE.EMERGENCY | | AIR | .31P | | | | 65 | 2590 | 67C98000 |
| SHUTOFF-OR-CONTROL. ELECTRIC-ACTUATION. HYDRAULIC.SHUTOFF | | AIR | .41P | | | | 65 | 2590 | 67100000 |

PART CLASS 525 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF APP | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .20 HYDRAULIC | | | | | | | | | |
| SHUTOFF-OR-CONTROL. ELECTRIC-ACTUATION. PRESSURE-SHUTOFF | | AIR | .22P | | | | 65 | 2590 | 67102000 |
| SHUTOFF-OR-CONTROL. ELECTRIC-ACTUATION. PRESSURE-SHUTOFF | | AIR | .85P | | | | 65 | 2590 | 67104000 |
| SHUTOFF-OR-CONTROL. ELECTRIC-ACTUATION. SELECTOR | | AIR | .88P | | | | 65 | 2590 | 67106000 |
| SHUTOFF-OR-CONTROL. ELECTRIC-ACTUATION. SELECTOR | | AIR | 2.77P | | | | 65 | 2590 | 67108000 |
| SHUTOFF-OR-CONTROL. ELECTRIC-ACTUATION. SHUTOFF | | AIR | .16P | | | | 65 | 2590 | 67110000 |
| SHUTOFF-OR-CONTROL. ELECTRIC-ACTUATION. SHUTOFF | | AIR | .36P | | | | 65 | 2590 | 67112000 |
| SHUTOFF-OR-CONTROL. ELECTRIC-ACTUATION. SHUTOFF | | AIR | .41P | | | | 65 | 2590 | 67114000 |
| SHUTOFF-OR-CONTROL. ELECTRIC-ACTUATION. SHUTOFF.FIREWALL | | AIR | .56P | | | | 65 | 2590 | 67116000 |
| SHUTOFF-OR-CONTROL. ELECTRIC-ACTUATION. SHUTOFF.FIREWALL | | AIR | 1.73P | | | | 65 | 2590 | 67118000 |
| SHUTOFF-OR-CONTROL. ELECTRIC-ACTUATION. SOLENOID-OPERATION. | | AIR | .16P | | | | 65 | 2590 | 67120000 |
| SHUTOFF/BYPASS | ELEVATOR-ASSEMBLY | AIR | 13.4843 | 52.4501 | 144 | .07416 | 65 | 1227 | 67122000 |
| SHUTOFF/BYPASS | ELEVATOR-ASSEMBLY | AIR | 32.4149 | 64.7775 | 228 | .1254 | 65 | 1250 | 67124000 |
| SHUTTLE | WING-FLAP-SYSTEM | AIR | 0 | 27.1597 | 50 | .06478 | 63 | 1198 | 67126000 |
| SHUTTLE | REFUELING-SYSTEM | AIR | 0 | 192.847 | 31 | .01194 | 63 | 1111 | 67128000 |
| SHUTTLE | LANDING-GEAR.MAIN | AIR | 6.68896 | 17.8003 | 200 | .299 | 63 | 1114 | 67130000 |
| SHUTTLE | LANDING-GEAR.NOSE | AIR | 8.59328 | 33.4252 | 100 | .11637 | 65 | 1198 | 67132000 |
| SHUTTLE | LANDING-GEAR.MAIN | AIR | 8.84642 | 19.7004 | 200 | .33912 | 63 | 1198 | 67134000 |
| SHUTTLE | LANDING-GEAR | AIR | 11.3514 | 22.6446 | 404 | .353 | 63 | 1114 | 67136000 |
| SHUTTLE | LANDING-GEAR.NOSE | AIR | 11.7952 | 45.8799 | 50 | .08478 | 63 | 1198 | 67138000 |
| SHUTTLE | BRAKE.LANDING-GEAR | AIR | 11.8196 | 20.7475 | 200 | .50763 | 65 | 1198 | 67140000 |
| SHUTTLE | LANDING-GEAR.NOSE | AIR | 13.3333 | 51.8626 | 50 | .075 | 63 | 1114 | 67142000 |
| SHUTTLE | LANDING-GEAR | AIR | 16.129 | 62.737 | 272 | .062 | 63 | 1114 | 67144000 |
| SHUTTLE | BRAKE.LANDING-GEAR | AIR | 20.6416 | 34.7101 | 200 | .33912 | 63 | 1198 | 67146000 |
| SHUTTLE | BRAKE.LANDING-GEAR | AIR | 21.4832 | 33.0984 | 400 | .46548 | 65 | 1198 | 67148000 |
| SHUTTLE | LANDING-GEAR | AIR | 23.4113 | 39.3675 | 200 | .299 | 63 | 1114 | 67150000 |

PART CLASS 925 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF APP | DATA SOURCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .60 HYDRAULIC | | | | | | | | | |
| SHUTTLE | LANDING-GEAR.MAIN | AIR | 21.409 | 52.6971 | 284 | .176 | 63 | 1114 | 67152000 |
| SHUTTLE | LANDING-GEAR.MAIN | AIR | 35.4581 | 59.9687 | 100 | .25382 | 65 | 1198 | 67154000 |
| SHUTTLE | LANDING-GEAR | AIR | 51.6717 | 71.791 | 600 | .329 | 66 | 1250 | 67154000A |
| SHUTTLE | LANDING-GEAR.NOSE | AIR | 56.6666 | 239.313 | 68 | .015 | 63 | 1114 | 67158000 |
| SHUTTLE | BOMB-NAVIGATION-SYSTEM | AIR | 85.752 | 325.77 | 31 | .01194 | 63 | 1111 | 67160000 |
| SHUTTLE | LANDING-GEAR.MAIN | AIR | 90.2.94 | 121.097 | 200 | .23274 | 65 | 1198 | 67162000 |
| SHUTTLE | LANDING-GEAR.NOSE | AIR | 90.909 | 147.667 | 102 | .088 | 63 | 1114 | 67164000 |
| SHUTTLE | LANDING-GEAR.NOSE | AIR | 94.5551 | 140.111 | 50 | .12691 | 65 | 1198 | 67166000 |
| SHUTTLE | LANDING-GEAR | AIR | 101.132 | 136.757 | 384 | .19776 | 65 | 1227 | 67168000 |
| SHUTTLE | LANDING-GEAR.MAIN | AIR | 147.368 | 211.873 | 76 | .095 | 64 | 1266 | 67170000A |
| SHUTTLE | | AIR | 170.37 | 193.468 | | .940 | 63 | 2107 | 67172000 |
| SHUTTLE | LANDING-GEAR.MAIN | AIR | 354.838 | 535.424 | 136 | .031 | 63 | 1114 | 67174000 |
| SHUTTLE.AIR | VARIABLE-RAMP | AIR | 127.272 | 214.018 | 320 | .055 | 61 | 1080 | 67176000 |
| SHUTTLE.DUAL | REFUELING-SYSTEM | AIR | 83.752 | 125.77 | 31 | .01194 | 63 | 1111 | 67178000 |
| SHUBBER | BRAKE.LANDING-GEAR | AIR | * | 27.1597 | 90 | .08478 | 63 | 1198 | 67180000 |
| SO-MAN | HYDRAULIC-POWER.727 | AIR | 50P | | | | 66 | 2363 | 67182000 |
| SOLENOID | BOOST-CONTROL | HELI | 28.9017 | 112.419 | 40 | .0346 | 66 | 1297 | 67184000 |
| SOLENOID | BOOST-CONTROL | HELI | 78.9265 | 307 | 40 | .01267 | 66 | 1257 | 67186000 |
| SOLENOID | | AIR | 144.646 | 167.346 | | .5669 | 66 | 1263 | 67188000 |
| SOLENOID | DIVE-BRAKE-SELECTOR | AIR | 282.927 | 314.27 | 424 | .538 | 64 | 1266 | 67190000A |
| SOLENOID | | AIR | 434.782 | 514.934 | | .138 | 59 | 1070 | 67192000 |
| SURGE-DAMPING | AIR-COMPRESSOR | AIR | 306.278 | 815.053 | 43 | .00653 | 66 | 1240 | 67194000A |
| TEST.GROUND | WING-FLAP-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 67196000 |
| TEST.GROUND | WING-FLAP-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 67198000 |
| TRANSF | FLIGHT-CONTROLS.727 | AIR | 50P | | | | 66 | 2365 | 67200000 |
| TRANSF | FLIGHT-CONTROLS.727 | AIR | 5 P | | | | 66 | 2365 | 67202000 |
| TRANSF | FLIGHT-CONTROLS.727 | AIR | 100P | | | | 65 | 2365 | 67204000 |
| TRANSF | FLIGHT-CONTROL.727 | AIR | 120P | | | | 66 | 2363 | 67206000 |
| TRANSF | FLIGHT-CONTROL.727 | AIR | 160P | | | | 66 | 2363 | 67208000 |
| TRANSF | FLIGHT-CONTROL.727 | AIR | 230P | | | | 65 | 2363 | 67210000 |
| TRANSFER.DUAL.4-WAY. 1-STAGE-SLIDE | | AIR | 28.5428 | 75.5969 | | .07007 | 62 | 1136 | 67212000 |
| 4-POSITION.4-WAY.SOLENOID-OPERATED.PILOT-3000PSI-PROOF.450OPSI | HYDRAULIC-VALVE | LIFE LAB | 1.29032C | 3.433746 | 3 | 1.55C | 66 | 2341 | 67214000A |
| 4-WAY.2-POSITION.SOLENOID | | AIR | 76.5696 | 297.833 | 86 | .01306 | 66 | 1240 | 67216000A |
| 3-WAY.2-POSITION.SOLENOID | | AIR | 153.139 | 407.526 | 86 | .01306 | 66 | 1240 | 67216000A |
| 4-WAY.SOLENOID-OPERATED. | BLADEFOLD.LOCK | HELI | 317.757 | 399.659 | 151 | .107 | 66 | 1234 | 67220000A |
| 4-WAY.2-POSITION.SOLENOID. MAIN-LANDING-GEAR | | LAB | 1.29032C | 3.433746 | 3 | 1.55C | 66 | 1264 | 67222000A |
| 4-WAY.3-POSITION.COMP/ TAILFOLD | | AIR | 51.9464 | 168.455 | 329 | .01959 | 66 | 1240 | 67224000A |
| 4-WAY.3-POSITION.SOLENOID | | AIR | 15.3139 | 59.5666 | 430 | .0653 | 66 | 1240 | 67224000A |

PART CLASS 522 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .70 OXIDIZERS, N.O.C. | | | | | | | | | |
| CHECK | | GRD | 936.967 | 1648.21 | 97 | .00639 | 63 | 1125 | 67228000 |
| CONTROL | | GRD | 917.431 | 3568.53 | 17 | .00109 | 62 | 1113 | 67230000 |
| CONTROL | | GRD | 1290.32 | 3433.74 | 23 | .00155 | 63 | 1125 | 67232000 |
| VENT | | GRD | 1834.86 | 4882.84 | 17 | .00109 | 62 | 1113 | 67234000 |
| .80 PNEUMATIC | | | | | | | | | |
| | GUN-CHARGING | AIR | 28.9855 | 97.9242 | | .138 | 59 | 1070 | 67236000 |
| | DEPLOY/JETTISON.DRAG-CHUTE | AIR | 636.363 | 797.664 | 320 | .055 | 61 | 1080 | 67238000A |
| | PRESSURE REDUCER.CANOPY | AIR | 918.836 | 1612.87 | 43 | .00653 | 66 | 1240 | 67240000A |
| | BRAKE.EMERGENCY | AIR | 1623.81 | 2406.16 | | .00739 | 66 | 1241 | 67242000 |
| ACTUATORS | FUEL-DE-ICE | AIR | 161.812 | 227.059 | 192 | .09888 | 65 | 1227 | 67244000 |
| ACTUATORS | FUEL-DE-ICE | AIR | 255.319 | 313.607 | 304 | .1645 | 66 | 1250 | 67246000 |
| ACTUATORS | ENGINE-ANTI-ICE | AIR | 313.511 | 398.764 | 192 | .09888 | 65 | 1227 | 67248000 |
| ACTUATORS | ENGINE-ANTI-ICE | AIR | 589.665 | 674.051 | 304 | .1645 | 66 | 1250 | 67250000 |
| AIR-SO | AIR-CONDITIONING.727 | AIR | 180P | | | | 66 | 2360 | 67252000 |
| AIR-SO | AIR-CONDITIONING.727 | AIR | 370P | | | | 66 | 2360 | 67254000 |
| BALL-ROTOR, PNEUMATIC-ACTUATED | FOR-SUCTION/FILL/DRAIN | GRD | 6560C | 8648.18C | 41 | .006C | 66 | 1245 | 67256000A |
| BLEEDER | | AIR | 44.4444 | 118.273 | 320 | .045 | 61 | 1080 | 67258000A |
| BLEEDER.OVERBOARD | VARIABLE-RAMP | AIR | * | 65.7885 | 320 | .035 | 61 | 1080 | 67260000 |
| BLEEDER.OVERBOARD | COMPRESSOR | AIR | 46.7453 | 93.4153 | | .08557 | 63 | 1123 | 67262000A |
| BLEEDER.OVERBOARD | VARIABLE-GEOMETRY.TURBOJET.J-85 | AIR | 52.5072 | 77.8049 | 946 | .22854 | 65 | 1228 | 67264000 |
| BLEEDER.OVERBOARD | VARIABLE-GEOMETRY.JET | AIR | 68.7217 | 115.559 | 812 | .10186 | 64 | 1179 | 67266000 |
| BRAKE-CONTROL | LANDING-GEAR.727 | AIR | 180P | | | | 66 | 2360 | 67268000 |
| BRINE.2WAY | | | .015 | | | | 63 | 2231 | 67270000 |
| BUTTERFLY | CABIN-DEFROST | AIR | 153.139 | 407.526 | 86 | .01306 | 66 | 1240 | 67272000A |
| BYPASS | LANDING-GEAR | AIR | 13.4174 | 35.7057 | | .14906 | 63 | 1123 | 67274000A |
| BYPASS | COOLER.ELECTRON-EQUIPMENT | AIR | 765.696 | 1420.32 | 43 | .00653 | 66 | 1240 | 67276000A |
| BYPASS.BUTTERFLY | CABIN-AIR | AIR | 153.139 | 407.526 | 86 | .01306 | 66 | 1240 | 67278000A |
| CHECK | | AIR | 30.1204 | 55.8716 | 960 | .166 | 61 | 1080 | 67280000A |
| CHECK | DUCT-SEAL-PRESSURE | AIR | 231.003 | 286.845 | 304 | .1645 | 66 | 1250 | 67282000A |
| CHECK.BLEED-AIR | GTC.AUXILIARY-POWER | AIR | 11.7952 | 45.8799 | 50 | .08478 | 63 | 1198 | 67284000 |
| CHECK.BLEED-AIR | GTC.AUXILIARY-POWER | AIR | 13.3333 | 51.8626 | 50 | .075 | 63 | 1114 | 67286000 |
| CHECK.BLEED-AIR | GTC.AUXILIARY-POWER | AIR | 45.4545 | 90.8357 | 102 | .088 | 63 | 1114 | 67288000 |
| CHECK.BLEED-AIR | GTC.AUXILIARY-POWER | AIR | 55.1571 | 92.7499 | 50 | .12691 | 65 | 1198 | 67290000 |
| CHECK.BLEED-AIR | GTC.AUXILIARY-POWER | AIR | 60.7462 | 111.667 | 100 | .11637 | 65 | 1198 | 67292000 |
| CHECK.DUCT-SEAL-PRESSURE | | AIR | 141.585 | 203.559 | 192 | .09888 | 65 | 1227 | 67294000 |
| CHECK.EMERGENCY-FLAP | CANOPY | AIR | 563.813 | 850.75 | 129 | .01951 | 66 | 1240 | 67296000A |
| CHECK.PRESSURE | WING-MANIFOLD | AIR | * | 96.4641 | 62 | .02387 | 63 | 1111 | 67298000 |
| CONTROL | SEQUENCE.GUN-VENT-DOOR | AIR | * | 15.5859 | | .19674 | 63 | 1123 | 67300000A |
| CONTROL | EMERGENCY | AIR | 40.2446 | 62.0035 | | .24843 | 63 | 1123 | 67302000A |
| CONTROL | EMERGENCY-WING-INCIDENCE | AIR | 40.2495 | 62.011 | | .24845 | 63 | 1123 | 67304000A |
| CONTROL | EMERGENCY.LAND-DROG* | AIR | 40.2527 | 62.016 | | .24843 | 63 | 1123 | 67306000 |
| CONTROL | EMERGENCY | AIR | 72.072 | 117.069 | 640 | .111 | 61 | 1080 | 67308000A |

PART CLASS 625 VALVES

| PART DESCRIPTION .80 PNEUMATIC | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF DATA RPT | YR OF DATA SRCE | CROSS INDEX REF | CROSS INDEX NO |
|---|---|---|---|---|---|---|---|---|---|---|
| CONTROL | BRAKE,EMERGENCY | AIR | 80.499 | 160.868 | | .04969 | 63 | 1123 | 67310000 | |
| CONTROL | GUN-BAY-VENT-DOOR | AIR | 81.081 | 127.981 | 640 | .511 | 61 | 1000 | 67312000 | |
| CONTROL | GUN-CHARGER | AIR | 93.4907 | 151.86 | | .08557 | 63 | 1123 | 67314000A | |
| CONTROL | EMERGENCY.CANOPY | AIR | 140.901 | 236.934 | | .04968 | 63 | 1123 | 67316000A | |
| CONTROL.BLEED-AIR-LOAD | GAS-TURBINE-COMPRESSOR. AUXILIARY-POWER | AIR | 153.139 | 407.526 | 86 | .01906 | 66 | 1240 | 67318000A | |
| CONTROL.BLEED-AIR-LOAD | GAS-TURBINE-COMPRESSOR. AUXILIARY-POWER | AIR | 133.333 | 354.82 | 68 | .015 | 63 | 1114 | 67320000 | |
| CONTROL.BLEED-AIR-LOAD | GAS-TURBINE-COMPRESSOR. AUXILIARY-POWER | AIR | 214.832 | 281.096 | 100 | .11637 | 65 | 1198 | 67322000 | |
| CONTROL.BLEED-AIR-LOAD | GAS-TURBINE-COMPRESSOR. AUXILIARY-POWER | AIR | 1250 | 1417.02 | 182 | .088 | 63 | 1114 | 67324000 | |
| CONTROL.BLEED-AIR-LOAD | GAS-TURBINE-COMPRESSOR. AUXILIARY-POWER | AIR | 1331.65 | 1472.76 | 90 | .12691 | 65 | 1198 | 67326000 | |
| CONTROL.BLEED-AIR-LOAD | GAS-TURBINE-COMPRESSOR. AUXILIARY-POWER | AIR | 1439.01 | 1620.78 | 50 | .08478 | 63 | 1198 | 67328000 | |
| CONTROL.COMPLEX-ACTUATION. | | AIR | 1440 | 1634.34 | 50 | .075 | 63 | 1114 | 67330000 | |
| CONTROL.COMPLEX-ACTUATION. | | AIR | 2.21P | | | | 65 | 2590 | 67332000 | |
| CONTROL.COMPLEX-ACTUATION. | | AIR | 7.46P | | | | 65 | 2590 | 67334000 | |
| CONTROL.COMPLEX-ACTUATION. AIR-FLOW-REGULATOR | | AIR | 15.93P | | | | 65 | 2590 | 67336000 | |
| CONTROL.COMPLEX-ACTUATION. AIR-FLOW-REGULATOR | | AIR | 3.91P | | | | 65 | 2590 | 67338000 | |
| CONTROL.COMPLEX-ACTUATION. AIR-FLOW-REGULATOR. SHUTOFF | | AIR | 17.95P | | | | 65 | 2590 | 67340000 | |
| CONTROL.COMPLEX-ACTUATION. BLEED-AIR-LOAD-CONTROL | | AIR | 4.21P | | | | 65 | 2590 | 67342000 | |
| CONTROL.COMPLEX-ACTUATION. BLEED-AIR-LOAD-CONTROL | | AIR | 2.05P | | | | 65 | 2590 | 67344000 | |
| CONTROL.COMPLEX-ACTUATION. FLOW-CONTROL/S-AND-G | | AIR | 13.48P | | | | 65 | 2590 | 6734600. | |
| CONTROL.COMPLEX-ACTUATION. MODULATING | | AIR | 9.86P | | | | 65 | 2590 | 67348000 | |
| CONTROL.COMPLEX-ACTUATION. MODULATING | | AIR | 1.03P | | | | 65 | 2590 | 67350000 | |
| CONTROL.COMPLEX-ACTUATION. OUTFLOW | | AIR | 4.31P | | | | 65 | 2590 | 67352000 | |
| CONTROL.COMPLEX-ACTUATION. OUTFLOW | | AIR | 1.44P | | | | 65 | 2590 | 67354000 | |
| CONTROL.COMPLEX-ACTUATION. PNEUMATIC-RELAY | | AIR | 7.42P | | | | 65 | 2590 | 67356000 | |
| CONTROL.COMPLEX-ACTUATION. PRESSURE-CONTROLLER | | AIR | .21P | | | | 65 | 2590 | 67358000 | |
| | | AIR | 8.93P | | | | 65 | 2590 | 67360000 | |

PART CLASS VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .MC PNEUMATIC | | | | | | | | | |
| CONTROL.COMPLEX-ACTUATION. PRESSURE-CONTROLLER | | AIR | 16.35P | | | | 65 | 2590 | 67362000 |
| CONTROL.COMPLEX-ACTUATION. SAFETY | | AIR | .72P | | | | 65 | 2590 | 67364000 |
| CONTROL.COMPLEX-ACTUATION. SAFETY | | AIR | .96P | | | | 65 | 2590 | 67366000 |
| CONTROL.COMPLEX-ACTUATION. SHUTOFF | | AIR | 1.63P | | | | 65 | 2590 | 67368000 |
| CONTROL.COMPLEX-ACTUATION. STARTER | | AIR | 1.55P | | | | 65 | 2590 | 67370000 |
| CONTROL.COMPLEX-ACTUATION. STARTER.SOLENOID | | AIR | 6.2P | | | | 65 | 2590 | 67372000 |
| CONTROL.COMPLEX-ACTUATION. TEMPERATURE-CONTROL | | AIR | 3.59P | | | | 65 | 2590 | 67374000 |
| CONTROL.COMPLEX-ACTUATION. TEMPERATURE-CONTROL. DUAL-BUTTERFLY | | AIR | 2.55P | | | | 65 | 2590 | 67376000 |
| CONTROL.COMPLEX-ACTUATION. TEMPERATURE-CONTROL. DUAL-BUTTERFLY | | AIR | 3.6P | | | | 65 | 2590 | 67378000 |
| CONTROL.COMPLEX-ACTUATION. TEMPERATURE-CONTROL. DUAL-BUTTERFLY | | AIR | 9.41P | | | | 65 | 2590 | 67380000 |
| CONTROL.COMPLEX-ACTUATION. THROTTLING/S-O | | AIR | 2.87P | | | | 65 | 2590 | 67382000 |
| CONTROL.IN-LINE-TYPE | | AIR | 175.644 | 3.8.316 | | .03416 | 63 | 1123 | 67386000A |
| CONTROL.MANUAL | CANOPY.INTERNAL | AIR | 151.139 | 407.526 | 86 | .01306 | 66 | 1240 | 67388000A |
| CONTROL.MANUAL | CANOPY.EXTERNAL | AIR | 16.278 | 612.063 | 86 | .01306 | 66 | 1240 | 67389000A |
| CONTROL.PRESSURE | ELECTRONIC-PACKAGE | AIR | 25.1255 | 77.4941 | | .04863 | 63 | 1123 | 67390000A |
| CONTROL.THERMAL-ACTUATION | | AIR | .75P | | | | 65 | 2590 | 67392000 |
| CONTROL.THERMAL-ACTUATION | THERMOSTAT.TEMPERATURE-CONTROL | AIR | .1P | | | | 65 | 2590 | 67394000 |
| CONTROL.THERMAL-ACTUATION | THERMOSTAT.HIGH-LIMIT | AIR | .1P | | | | 65 | 2590 | 67396000 |
| CONTROL.THERMAL-ACTUATION | THERMOSTAT.TEMPERATURE-CONTROL | AIR | .15P | | | | 65 | 2590 | 67398000 |
| CONTROL.THERMAL-ACTUATION | ACCEL-PNEUMATIC-THERMOSTAT | AIR | .56P | | | | 65 | 2590 | 67400000 |
| CONTROL.THERMAL-ACTUATION | ACCEL-PNEUMATIC-THERMOSTAT | AIR | 1.12P | | | | 65 | 2590 | 67402000 |
| CONTROL.THERMAL-ACTUATION | | AIR | 1.75P | | | | 65 | 2590 | 67404000 |
| CONTROL.THERMAL-ACTUATION | LOAC-CONTROL-THERMOSTAT | AIR | 1.75P | | | | 65 | 2590 | 67406000 |
| CONTROL.THERMAL-ACTUATION | LOAC-CONTROL-THERMOSTAT | AIR | 2.59P | | | | 65 | 2590 | 67408000 |
| DUMP | | AIR | 57.7246 | 85.2963 | | .138 | 59 | 1070 | 67410000 |
| DUMP | LANDING-GEAR.EMERGENCY | AIR | 154.731 | 252.458 | | .16157 | 66 | 1241 | 67412000 |
| MANUAL | CANOPY.CHAIN | AIR | 765.696 | 1420.32 | 43 | .00653 | 66 | 1240 | 67414000A |
| MOD-AIR-SO | AIR-CONDITIONING.727 | AIR | 9.P | | | | 66 | 2360 | 67416000 |
| MOD-AIR-SO | AIR-CONDITIONING.727 | AIR | 28.P | | | | 66 | 2360 | 67418000 |
| MOD-AIR-SO | AIR-CONDITIONING.727 | AIR | 65.P | | | | 55 | 2360 | 67420000 |
| MODULATING.. | AUXILIARY-POWER-PLANT | AIR | 85.9328 | 132.393 | 100 | .11637 | 65 | 1198 | 67422000 |

PART CLASS 925 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .80 PNEUMATIC | | | | | | | | | |
| MODULATING.ATM | AUXILIARY-POWER-PLANT | AIR | 425.498 | 509.751 | 50 | .12691 | 65 | 1198 | 67424000 |
| MODULATING.ATM | AUXILIARY-POWER-PLANT | AIR | 500 | 611.164 | 102 | .088 | 63 | 1114 | 67426000 |
| MODULATING.ATM | AUXILIARY-POWER-PLANT | AIR | 1403.63 | 1583.33 | 50 | .08478 | 63 | 1198 | 67428000 |
| MODULATING.ATM | AUXILIARY-POWER-PLANT | AIR | 1480 | 1674.78 | 50 | .075 | 63 | 1114 | 67430000 |
| PRIORITY | LANDING | AIR | 117.117 | 170.792 | 640 | .111 | 61 | 1080 | 67432000A |
| REDUCING.PRESSURE | GUN-CHARGER | AIR | 99.3338 | 137.924 | | .17114 | 63 | 1123 | 67434000A |
| REGULATING | ELECTRONIC-EQUIPMENT | AIR | 459.418 | 1023.09 | 43 | .00653 | 66 | 1240 | 67436000A |
| REGULATING.DUMP | CANOPY-SEAL | AIR | 459.418 | 1023.09 | 43 | .00653 | 66 | 1240 | 67438000A |
| REGULATING.PRESSURE | APU-VENT-DOOR | AIR | 105.177 | 166.016 | | .08557 | 63 | 1123 | 67440000A |
| REGULATING.PRESSURE.1500-PSI | | AIR | 600 | 757.344 | 320 | .055 | 61 | 1080 | 67442000A |
| RELAY | | | | | | | | | |
| RELIEF | PRESSURIZATION.AIR-CONDITIONER | AIR | 25.7798 | 57.4099 | 100 | .11637 | 65 | 1198 | 67444000 |
| RELIEF | GUN-TURRET.FIRE-CONTROL | AIR | 0 | 98.4641 | 62 | .03387 | 63 | 1111 | 67446000 |
| RELIEF | AIR-CONDITIONING | AIR | 0 | 46.3393 | | .04969 | 63 | 1123 | 67448000A |
| RELIEF | LANDING-GEAR.EMERGENCY | AIR | 8.58287 | 13.5475 | | 1.0486 | 66 | 1241 | 67450000 |
| RELIEF | UTILITY-RESERVOIR | AIR | 70.118 | 123.061 | | .08557 | 63 | 1123 | 67452000A |
| RESTRICTOR | | MSL | 135.135 | | 80 | .222 | 61 | 1080 | 67454000A |
| SELECTOR | GUN-CHARGER-SYSTEM | AIR | 18.2291 | 30.6533 | 3520 | .384 | 61 | 1080 | 67456000 |
| SELECTOR | RAIN-REMOVAL-SYSTEM | AIR | 10.5263 | 28.0121 | 152 | .19 | 64 | 1266 | 67458000A |
| SELECTOR.4-WAY | LANDING-GEAR.EMERGENCY | AIR | 18.2282 | 70.9022 | | .05486 | 63 | 1123 | 67460000A |
| SELECTOR.4-WAY | RAM-AIR-TURBINE | AIR | 67.5436 | 90.6509 | | .31091 | 66 | 1241 | 67462000 |
| SHUTOFF | VORTEX-BREAKER | AIR | 278.079 | 342.444 | | .14744 | 66 | 1241 | 67464000 |
| SHUTOFF | | AIR | 0 | 23.2868 | 192 | .09888 | 65 | 1227 | 67466000 |
| SHUTOFF | NACELLE-PREHEAT | AIR | 3.57614 | 10.5811 | | .503 | 59 | 1070 | 67468000 |
| SHUTOFF | ZONE-1-COOLING | AIR | 6.07902 | 23.6455 | 304 | .1645 | 66 | 1250 | 67470000A |
| SHUTOFF | VORTEX-BREAKER | AIR | 9.11854 | 20.3063 | 608 | .329 | 66 | 1250 | 67472000A |
| SHUTOFF | ZONE-1-COOLING | AIR | 12.158 | 32.3544 | 304 | .1645 | 66 | 1250 | 67474000A |
| SHUTOFF | NACELLE-PREHEAT | AIR | 15.1699 | 33.7823 | 384 | .19776 | 65 | 1227 | 67476000 |
| SHUTOFF | ZONE-2-COOLING | AIR | 20.2265 | 53.8258 | 192 | .09888 | 65 | 1227 | 67478000 |
| SHUTOFF | ZONE-2-COOLING | AIR | 33.4346 | 50.4503 | 608 | .329 | 66 | 1250 | 67480000A |
| SHUTOFF | ENGINE-BLEED.AIR-CONDITIONING | AIR | 35.3964 | 39.5211 | 384 | .19776 | 65 | 1227 | 67482000 |
| SHUTOFF | ATM.AUXILIARY-POWER-PILOT | AIR | 107.112 | 198.666 | | .04668 | 63 | 1123 | 67484000 |
| SHUTOFF | INLET-ANTI-ICE | AIR | 111.712 | 162.91 | 100 | .11637 | 65 | 1198 | 67486000 |
| SHUTOFF | ATM.AUXILIARY-POWER-PILOT | AIR | 206.684 | 259.96 | 304 | .1645 | 66 | 1250 | 67488000A |
| SHUTOFF | ATM.AUXILIARY-POWER-PILOT | AIR | 238.636 | 320.276 | 102 | .088 | 63 | 1114 | 67490000 |
| SHUTOFF | INLET-ANTI-ICE | AIR | 267.906 | 336.959 | 80 | .12691 | 65 | 1198 | 67492000 |
| SHUTOFF | ATM.AUXILIARY-POWER-PILOT | AIR | 313.511 | 398.764 | 192 | .09888 | 65 | 1227 | 67494000 |
| SHUTOFF | ATM.AUXILIARY-POWER-PILOT | AIR | 318.471 | 412.352 | 50 | .08478 | 63 | 1198 | 67496000 |
| SHUTOFF | ANTI-ICING | AIR | 333.333 | 436.149 | 50 | .075 | 63 | 1114 | 67498000 |
| SHUTOFF.COMPLEX-ACTUATION | | AIR | 583.333 | 751.665 | 124 | .043 | 63 | 1111 | 67500000 |
| SHUTOFF.COMPLEX-ACTUATION. | | AIR | 722.222 | 1053.21 | 64 | .018 | 59 | 1110 | 67502000 |
| SHUTOFF.COMPLEX-ACTUATION.ANTI-ICING-S-AND-C | | AIR | .28P | | | | 65 | 2590 | 67504000 |
| | | AIR | 2.76P | | | | 65 | 2590 | 67506000 |
| | | AIR | .13P | | | | 65 | 2590 | 67508000 |

PART CLASS SOLENOID VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .AF PNEUMATIC | | | | | | | | | |
| SHUTOFF.COMPLEX-ACTUATION.FLOOR-HEAT | | AIR | 3.75P | | | | 65 | 2590 | 67510000 |
| SHUTOFF.COMPLEX-ACTUATION.FLOOR-HEAT-S-AND-C | | AIR | .62P | | | | 65 | 2590 | 67512000 |
| SHUTOFF.COMPLEX-ACTUATION.INLET-ANTI-ICE-S-AND-C | | AIR | .23P | | | | 65 | 2590 | 67514000 |
| SHUTOFF.COMPLEX-ACTUATION.INLET-ANTI-ICE-S-AND-C | | AIR | 3.91P | | | | 65 | 2590 | 67516000 |
| SHUTOFF.COMPLEX-ACTUATION.PREHEAT | | AIR | .41P | | | | 65 | 2590 | 67518000 |
| SHUTOFF.COMPLEX-ACTUATION.PREHEAT | | AIR | 1.87P | | | | 65 | 2590 | 67520000 |
| SHUTOFF.COMPLEX-ACTUATION.SHUTOFF | | AIR | .44P | | | | 65 | 2590 | 67522000 |
| SHUTOFF.COMPLEX-ACTUATION.SHUTOFF | | AIR | .72P | | | | 65 | 2590 | 67524000 |
| SHUTOFF.COMPLEX-ACTUATION.SHUTOFF | | AIR | 1.23P | | | | 65 | 2590 | 67526000 |
| SHUTOFF.COMPLEX-ACTUATION.SHUTOFF | | AIR | 2.65P | | | | 65 | 2590 | 67528000 |
| SHUTOFF.COMPLEX-ACTUATION.SHUTOFF | | AIR | 2.71P | | | | 65 | 2590 | 67530000 |
| SHUTOFF.ELECTRIC-SOLENOID-ACTUATION | WING-ISOLATION | AIR | 1.42P | | | | 65 | 2590 | 67532000 |
| SHUTOFF.ELECTRIC-SOLENOID-ACTUATION | | AIR | 2.08P | | | | 65 | 2590 | 67534000 |
| SHUTOFF.ELECTRIC-SOLENOID-ACTUATION | | AIR | 2.71P | | | | 65 | 2590 | 67536000 |
| SHUTOFF.ELECTRIC-SOLENOID-ACTUATION | | AIR | 3.39P | | | | 65 | 2590 | 67538000 |
| SHUTOFF.MANUAL-OR-MECHANICAL.ACTUATION | | AIR | .19P | | | | 65 | 2590 | 67540000 |
| SHUTOFF.MANUAL-OR-MECHANICAL.ACTUATION | DIVERTER.FEET-CHEST-DIRECTION | AIR | .21P | | | | 65 | 2590 | 67542000 |
| SHUTOFF.MANUAL-OR-MECHANICAL.ACTUATION | OUTLET.AIR.CONDITION | AIR | .35P | | | | 65 | 2590 | 67544000 |
| SHUTOFF.MANUAL-OR-MECHANICAL.ACTUATION | FEET-CHEST-DIRECTOR | AIR | .36P | | | | 65 | 2590 | 67546000 |
| SHUTOFF.MANUAL-OR-MECHANICAL.ACTUATION | WING.ISOLATION | AIR | .41P | | | | 65 | 2590 | 67548000 |
| SHUTOFF-OR-CONTROL. | | AIR | .74P | | | | 65 | 2590 | 67550000 |
| SHUTOFF-OR-CONTROL.ELECTRIC-MOTOR-ACTUATION | | AIR | .71P | | | | 65 | 2590 | 67552000 |
| SHUTOFF-OR-CONTROL.ELECTRIC-MOTOR-ACTUATION.AUXILIARY-VENT | | AIR | 1.52P | | | | 65 | 2590 | 67554000 |

PART CLASS 525 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| PNEUMATIC | | | | | | | | | |
| SHUTOFF-OR-CONTROL. ELECTRIC-MOTOR-ACTUATION. AUXILIARY-VERT-SHUTOFF | | AIR | .28P | | | | 65 | 2590 | 675[illegible] |
| SHUTOFF-OR-CONTROL. ELECTRIC-MOTOR-ACTUATION. AUXILIARY-VERT-SHUTOFF | | AIR | .41P | | | | 65 | 2590 | 675[illegible] |
| SHUTOFF-OR-CONTROL. ELECTRIC-MOTOR-ACTUATION. AUXILIARY-VERT-SHUTOFF | | AIR | .44P | | | | 65 | 2590 | 675[illegible] |
| SHUTOFF-OR-CONTROL. ELECTRIC-MOTOR-ACTUATION. FLOOR-HEAT-DIVERTER | | AIR | .62P | | | | 65 | 2590 | 675[illegible] |
| SHUTOFF-OR-CONTROL. ELECTRIC-MOTOR-ACTUATION. FLOOR-HEAT-DIVERTER | | AIR | .56P | | | | 65 | 2590 | 675[illegible] |
| SHUTOFF-OR-CONTROL. ELECTRIC-MOTOR-ACTUATION. SHUTOFF | | AIR | .32P | | | | 65 | 2590 | 675[illegible] |
| SHUTOFF-OR-CONTROL. ELECTRIC-MOTOR-ACTUATION. SHUTOFF | | AIR | .74P | | | | 65 | 2590 | 675[illegible] |
| SHUTOFF-OR-CONTROL. PNEUMATIC-ACTUATION | | AIR | .5P | | | | 65 | 2590 | 675[illegible] |
| SHUTOFF-OR-CONTROL. PNEUMATIC-ACTUATION PRESSURE-RELIEF | | AIR | .08P | | | | 65 | 2590 | 675[illegible] |
| SHUTOFF-OR-CONTROL. PNEUMATIC-ACTUATION. | | AIR | .28P | | | | 65 | 2590 | 675[illegible] |
| SHUTOFF-OR-CONTROL. PNEUMATIC-ACTUATION. AIR-FILLER | | AIR | .03P | | | | 65 | 2590 | 675[illegible] |
| SHUTOFF-OR-CONTROL. PNEUMATIC-ACTUATION. AIR-FILLER | | AIR | .18P | | | | 65 | 2590 | 675[illegible] |
| SHUTOFF-OR-CONTROL. PNEUMATIC-ACTUATION. AIR-FILLER | | AIR | .31P | | | | 65 | 2590 | 675[illegible] |
| SHUTOFF-OR-CONTROL. PNEUMATIC-ACTUATION. AIR-PRESSURE | | AIR | .48P | | | | 65 | 2590 | 675[illegible] |
| SHUTOFF-OR-CONTROL. PNEUMATIC-ACTUATION. BLEED-AIR-CHECK | | AIR | .56P | | | | 65 | 2590 | 675[illegible] |
| SHUTOFF-OR-CONTROL. PNEUMATIC-ACTUATION. BLEED-AIR-CHECK | | AIR | .72P | | | | 65 | 2590 | 675[illegible] |

PART CLASS 525 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .80 PNEUMATIC | | | | | | | | | |
| SHUTOFF-OR-CONTROL. PNEUMATIC-ACTUATION. FLOW-DIVERTER | | AIR | .21P | | | | 63 | 2590 | 67308300 |
| SHUTOFF-OR-CONTROL. PNEUMATIC-ACTUATION. FLOW-DIVERTER | | AIR | .48P | | | | 65 | 2590 | 67590000 |
| SHUTOFF-OR-CONTROL. PNEUMATEC-ACTUATION. PRESSURE-RELIEF | | AIR | .08P | | | | 65 | 2590 | 67592000 |
| SHUTOFF-OR-CONTROL. PNEUMATIC-ACTUATION. PRESSURE-RELIEF | | AIR | .16P | | | | 65 | 2590 | 67594000 |
| SHUTOFF-OR-CONTROL. PNEUMATIC-ACTUATION. PRESSURIZING | | AIR | .03P | | | | 65 | 2590 | 67596000 |
| SHUTOFF-OR-CONTROL. PNEUMATIC-ACTUATION. PRESSURIZING | | AIR | .46P | | | | 65 | 2590 | 67596000 |
| SHUTOFF-OR-CONTROL. PNEUMATIC-ACTUATION. SEPERATOR-BY-PASS | | AIR | .1P | | | | 65 | 2590 | 67600000 |
| SHUTOFF-OR-CONTROL. PNEUMATIC-ACTUATION.CHECK | | AIR | .6P | | | | 65 | 2590 | 67602000 |
| SHUTOFF-T-C | AIR-CONDITIONING.707-331 | AIR | 260P | | | | 65 | 2361 | 67604000 |
| SHUTOFF-T-C | AIR-CONDITIONING.707-331 | AIR | 280P | | | | 66 | 2361 | 67606000 |
| SHUTOFF-T-C | AIR-CONDITIONING.707-131 | AIR | 370P | | | | 66 | 2361 | 67608000 |
| SHUTOFF-T-C | AIR-CONDITIONING.707-331 | AIR | 440P | | | | 66 | 2361 | 67610000 |
| SHUTOFF-T-C | AIR-CONDITIONING.707-131 | AIR | 520P | | | | 65 | 2361 | 67612000 |
| SHUTOFF-T-C | AIR-CONDITIONING.707-131 | AIR | 680P | | | | 66 | 2361 | 67614000 |
| SHUTOFF/CONTROL.LOAD | AUXILIARY-POWER-UNIT | AIR | 80.9061 | 219.303 | 48 | .02472 | 65 | 1227 | 67616000 |
| SHUTOFF/CONTROL.LOAD | AUXILIARY-POWER-UNIT | AIR | 559.202 | 740.415 | 76 | .04113 | 66 | 1250 | 67618000A |
| SHUTTLE | | AIR | 7.24637 | 28.1862 | | .138 | 59 | 1070 | 67620000 |
| SHUTTLE | DOOR-AND-LAUNCHER | AIR | 30.1204 | 55.4716 | 960 | .166 | 61 | 1080 | 67622000A |
| SHUTTLE | LANDING-GEAR.NOSE | AIR | 136.518 | 272.817 | | .0293 | 66 | 1241 | 67624000 |
| SO-6-DIA | AIR-CONDITIONING.707-1318 | AIR | 20P | | | | 66 | 2361 | 67626000 |
| SO-6-DIA | AIR-CONDITIONING.707-3318 | AIR | 20P | | | | 66 | 2361 | 67628000 |
| SO-6-DIA | AIR-CONDITIONING.707-131 | AIR | 40P | | | | 64 | 2361 | 67630000 |
| SOLENOID | PRESSURE-H2O2-BOTTLE | GRD | * | 1918.859 | | .0012C | 64 | 1171 | 67632000 |
| SOLENOID | PRESSURE-H2O2-BOTTLE | GRD | * | 23026C | | .0001C | 64 | 1171 | 67634000 |
| SOLENOID | | | .172212 | .669853 | | 5.8068 | 64 | 2231 | 67636000 |
| SOLENOID | | | .25 | | | | 62 | 2231 | 67638000 |
| SOLENOID | | GRD | .20469 | 1.02956 | 498 | 3.778 | 65 | 1216 | 67640000A |
| SOLENOID.SHUTOFF | | GRD | 1776.19 | 2677.12 | 92 | .0062 | 63 | 1125 | 67642000 |

PART CLASS 925 VALVES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | % OF DATA | CASES SOURCE | INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .90 OIL | | | | | | | | | |
| BYPASS | ENGINE.POWER-PLANT-SYSTEM | AIR | 59.9161 | 233.055 | 64 | .01669 | 66 | 1225 | 67644000 |
| BYPASS | ENGINE.TURBOJET.J-85 | AIR | * | 10.0792 | 946 | .22854 | 65 | 1220 | 67644000 |
| REGULATING | ENGINE.TURBOJET.J-85 | AIR | .965531 | 3.75562 | 1194 | 1.0357 | 67 | 1212 | 67648000 |
| REGULATING.PRESSURE | POWER-PLANT | AIR | 453.744 | 518.34 | 120 | .21597 | 65 | 1155 | 67650000 |
| RELIEF.PRESSURE | LUBE-SYSTEM | AIR | 54.7536 | 220.754 | 64 | .01762 | 64 | 1201 | 67652000 |
| SEQUENCE | LUBE-SYSTEM | AIR | 46.728 | 61.4432 | 528 | .51361 | 65 | 1201 | 67654000 |
| SHUTOFF. | POWER-PLANT | AIR | 46.3077 | 71.3969 | 126 | .21597 | 65 | 1155 | 67656000 |
| SHUTOFF.MIL-V-6813C. 35PSI.18-35VDC | POWER-PLANT | AIR | 2.31513 | 9.00518 | 292 | .43194 | 65 | 1155 | 67658000 |
| VENT | FIREWALL | HELI | 233.333 | 392.363 | 129 | .03 | 65 | 1215 | 67660000 |
| | CONSTANT-SPEED-DRIVE | AIR | 418.181 | 553.696 | 320 | .095 | 61 | 1059 | 67662000 |

PART CLASS 52 VANES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| . C N.O.C. | | | | | | | | | |
| | TURBINE.SECOND-STAGE.POWER-SECTION | AIR | .683564 | .825036 | 10296 | 11.967 | 65 | 1201 | 67654000 |
| | COMPRESSOR-FIRST-STAGE.POWER-SECTION | AIR | .256696 | .475131 | 3432 | 3.9885 | 65 | 1201 | 67654000 |
| | COMPRESSOR.SECOND-STAGE. POWER-SECTION | AIR | .256696 | .475131 | 3432 | 3.9885 | 65 | 1201 | 67654000 |
| | TURBINE.FIRST-STAGE.POWER-SECTION | AIR | .439595 | 1.1739 | 2400 | 5.4748 | 65 | 1201 | 67654000 |
| | COMPRESSOR-FIRST-STAGE.POWER-SECTION | AIR | 1.31879 | 5.1297 | 800 | .45627 | 65 | 1201 | 67672000 |
| | TURBINE.SECOND-STAGE.POWER-SECTION | AIR | 1.36531 | 3.04045 | 1464 | 2.1973 | 65 | 1201 | 67672000 |
| | TURBINE.FIRST-STAGE.POWER-SECTION | AIR | 1.96567 | 3.41762 | 3168 | 3.6817 | 65 | 1201 | 67674000 |
| | TURBINE.FIRST-STAGE.POWER-SECTION | AIR | 2.33976 | 3.81695 | 10296 | 11.967 | 65 | 1201 | 67678000 |
| | COMPRESSOR-FIRST-STAGE.POWER-SECTION | AIR | 4.86169 | 12.9361 | 320 | .41143 | 65 | 1201 | 67680000 |
| | TURBINE.FIRST-STAGE.POWER-SECTION | AIR | 7.29164 | 16.2376 | 320 | .41143 | 65 | 1201 | 67680000 |
| | TURBINE.FIRST-STAGE.POWER-SECTION | AIR | 9.45719 | 36.7844 | 384 | .49374 | 65 | 1201 | 67684000 |
| | TURBINE.FIRST-STAGE.POWER-SECTION | AIR | 10.6127 | 13.3437 | 1464 | 2.1973 | 65 | 1201 | 67686000 |
| ANALYST-GUIDE | ENGINE | AIR | * | 3.21412 | 1860 | .7164 | 65 | 1111 | 67688000 |
| VANES | INLET.COMPRESSOR-SECTION. BASIC-ENGINE | AIR | .439715 | 1.71036 | 4416 | 2.2742 | 65 | 1227 | 67690000 |
| GUIDE.INLET | COMPRESSOR-SECTION.BASIC-ENGINE | AIR | * | .60851 | 6992 | 3.784 | 66 | 1250 | 67692000 |
| INLET | COMPRESSOR.POWER-SECTION | AIR | 2.83535 | 11.0286 | 448 | .35269 | 65 | 1201 | 67694000 |
| INLET-GUIDE | ENGINE | AIR | * | 3.21412 | 1860 | .7164 | 65 | 1111 | 67696000 |
| SHROUDS | COMPRESSOR.BASIC-ENGINE | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 67698000 |
| SHROUDS | COMPRESSOR.BASIC-ENGINE | AIR | 242.718 | 426.055 | 48 | .02472 | 65 | 1227 | 67700000 |
| STATOR | TURBINE-SECTION.BASIC-ENGINE | AIR | * | .565749 | 7524 | 4.07 | 66 | 1250 | 67702000 |
| STATOR | TURBINE-SECTION.BASIC-ENGINE | AIR | * | .940874 | 4332 | 2.4473 | 65 | 1227 | 67704000 |
| VARIABLE | FRONT-FRAME.TURBOJET.J-85 | AIR | .583414 | 1.55255 | 14190 | 3.4281 | 65 | 1228 | 67706000 |
| WIND-DIRECTION | ANGLE-OF-ATTACK-TRANSMITTER | SIM GRD AIR | * | 50.2421 | 195 | .04583 | 66 | 1181 | 67708000A |

PART CLASS 931 VENTS

| PART DESCRIPTION .00 M.O.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF APPT | DATA SINCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| | AIR-CONDITIONER-SYSTEM | AIR | • | 13.9975 | 504 | .1645 | 66 | 1290 | 67716000 |
| | AIR-CONDITIONER-SYSTEM | AIR | • | 23.2868 | 192 | .09888 | 65 | 1227 | 67712000 |
| | COMPRESSOR.GAS-TURBINE. AUXILIARY-POWER-PLANT | AIR | • | 19.7868 | 169 | .11337 | 65 | 1198 | 67714000 |
| | STANDPIPE.FUEL-SYSTEM | AIR | • | 13.9975 | 504 | .1645 | 66 | 1290 | 67716000 |
| | TANK.DRAIN.FUEL-SYSTEM | AIR | 1.31328 | 5.10229 | 380 | .76145 | 65 | 1198 | 67718000 |
| | OXYGEN-SYSTEM | AIR | 1.09035 | 7.35293 | 612 | .529 | 63 | 1114 | 67720000 |
| | BATTERY-COMPARTMENT.DC-POWER-SUPPLY | AIR | 13.5163 | 22.7285 | 597 | .51789 | 67 | 1272 | 67722000 |
| | OXYGEN-SYSTEM | AIR | 30.0764 | 50.9753 | 280 | .23274 | 65 | 1198 | 67724000 |
| | OXYGEN-SYSTEM | AIR | 87.0385 | 105.803 | 468 | .09766 | 64 | 1179 | 67726000 |
| | BATTERY-COMPARTMENT.DC-POWER-SUPPLY | AIR | 87.512 | 134.826 | 473 | .11427 | 65 | 1228 | 67728000 |
| | BATTERY-COMPARTMENT.DC-POWER-SUPPLY | AIR | 106.374 | 137.732 | 180 | .25382 | 65 | 1198 | 67730000 |
| | BATTERY-COMPARTMENT.DC-POWER-SUPPLY | AIR | 119.318 | 160.158 | 864 | .176 | 63 | 1114 | 67732000 |
| | BATTERY-COMPARTMENT.DC-POWER-SUPPLY | AIR | 460.014 | 569.581 | 90 | .08478 | 63 | 1198 | 67734000 |
| BOXES | FUEL-SYSTEM | AIR | 466.666 | 584.954 | 50 | .075 | 63 | 1114 | 67736000 |
| DIVE | FUEL-SYSTEM | AIR | • | 23.2868 | 192 | .09888 | 65 | 1227 | 67738000 |
| DIVE | FUEL-SYSTEM | AIR | 8.7512 | 34.0595 | 473 | .11427 | 65 | 1228 | 67740000 |
| EDUCTOR | FUEL-SYSTEM | AIR | 19.3091 | 29.7468 | 597 | .51769 | 67 | 1272 | 67742000 |
| EDUCTOR | FUEL-SYSTEM | AIR | • | 3.29776 | 480 | .69825 | 65 | 1195 | 67744000 |
| OVERBOARD | FLIGHT-STATION-OXYGEN-SYSTEM | AIR | • | 3.02396 | 500 | .76145 | 65 | 1198 | 67746000 |
| OVERBOARD | FLIGHT-STATION-OXYGEN-SYSTEM | AIR | • | 93.1472 | 43 | .02472 | 65 | 1227 | 67748000 |
| STANDPIPE | FUEL-SYSTEM | AIR | • | 55.9834 | 76 | .04113 | 66 | 1290 | 67750000 |
| | | AIR | • | 23.2868 | 192 | .09888 | 65 | 12_7 | 67752000 |

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
SECTION I FAILURE RATE DATA

NONELECTRONIC PART FAILURE RATE DATA JANUARY 1968

PART CLASS 922 VESTS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR SF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .50 N.B.C. | | | | | | | | | |
| LIFE | SURVIVAL-EQUIPMENT | AIR | * | 15.5245 | 288 | .14832 | 65 | 1227 | 67754000 |
| LIFE | SURVIVAL-EQUIPMENT | AIR | * | 9.32942 | 456 | .2468 | 66 | 1298 | 67756000 |
| LIFE | SURVIVAL-EQUIPMENT | AIR | * | 1.97868 | 1000 | 1.1657 | 65 | 1198 | 67758000 |
| LIFE | SURVIVAL-EQUIPMENT | AIR | 1.31328 | 5.10828 | 300 | .76145 | 65 | 1198 | 67760000 |

PART CLASS 933 VIBRATORS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF DATA | CASE INDEX | REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.E.C. | | | | | | | | | |
| | ALTIMETER.PRESSURE | AIR | 0 | 198.612 | | .01208 | 61 | 1121 | 67742000 |
| | | AIR | 0 | 44.3486 | | .04968 | 63 | 1123 | 67744000 |
| | | SHP AIR | 0 | 162.154 | 46 | .0142 | 65 | 1185 | 67746000 |
| | | LAB | .5 | | | | 63 | 1138 | 67748000 |
| | FUEL-GAGE-CHECK | LAB | 15 | | | | 61 | 1071 | 67770000 |
| | | AIR | 21.7391 | 48.4115 | | .138 | 59 | 1070 | 67772000 |
| | | GRD | 48.3459 | 67.1965 | | 1.768 | 62 | 2240 | 67774000 |
| | INDICATORS.VACUUM/PRESSURE-CALIB-RACK | AIR | 90 | | | | 61 | 1068 | 67776000 |
| | | GRD | 1428.57 | 3181.35 | | .0021 | 62 | 1141 | 67778000 |
| CHOPPERS | | MSL | 2000 | 5322.3 | | .001 | 57 | 2L2 | 67780000 |
| CHOPPERS | | AIR | 0 | 328.942 | 4 | .007 | 62 | 1093 | 67782000 |
| CHOPPERS | | LAB | 0 | 209.527 | 21 | .011 | 66 | 1255 | 67784000A |
| CHOPPERS | | AIR | 0 | 767.533 | | .003 | 60 | 1067 | 67786000 |
| CHOPPERS | | GRD | 0 | 2.61638 | 125 | .00007 | 64 | 1210 | 67788000 |
| CHOPPERS | | LAB | 0 | 499.479 | 9 | .00461 | 64 | 1154 | 67790000 |
| CHOPPERS | | LAB | .5 | | | | 63 | 1138 | 67792000 |
| CHOPPERS | | SHP | 1.21617 | 1.97547 | 1474 | 6.576 | 65 | 1243 | 67794000 |
| CHOPPERS | | | 4 | | | | 58 | 2L2 | 67796000 |
| CHOPPERS | | | 4 | | | | 58 | 2L2 | 67798000 |
| CHOPPERS | | | 4 | | | | 57 | 2L1 | 67800000 |
| CHOPPERS | | | 4 | | | | 57 | 2L1 | 67802000 |
| CHOPPERS | | AIR | 4.85 | | | | 57 | 2L1 | 67804000 |
| CHOPPERS | | AIR | 4.85 | | | | 57 | 2L1 | 67806000 |
| CHOPPERS | | | 5 | | | | 58 | 2H10 | 67808000 |
| CHOPPERS | | GRD | 5 | | | | 63 | 1098 | 67810000 |
| CHOPPERS | | AIR GMD | 8.1105 | 11.6402 | | 1.7242 | 66 | 2L6 | 67812000 |
| CHOPPERS | | LAB | 11.4 | | | | 61 | 1071 | 67814000 |
| CHOPPERS | | AIR GMD | 11.976 | 31.87 | 3350 | .167 | 65 | 1221 | 67816000 |
| CHOPPERS | | GEN | 14.9892 | 21.5303 | | .934 | 62 | 1078 | 67818000 |
| CHOPPERS | ANTENNA.AUTOMATIC-DIRECTION-FINDER | SHP GRD AIR | 39.9201 | 195.277 | 195 | .02505 | 64 | 1185 | 67820000A |
| CHOPPERS | ANTENNA.AUTOMATIC-DIRECTION-FINDER | SHP GRD AIR | 55.5555 | 216.094 | 139 | .018 | 63 | 1117 | 67822000 |
| CHOPPERS | | | 56.6 | | | | 59 | 2L2 | 67824000 |
| CHOPPERS | | PSL | 66.6666 | 177.41 | | .03 | 59 | 2L2 | 67826000 |
| CHOPPERS | | GRD | 77.3993 | 301.06 | 768 | .01292 | 61 | 1069 | 67828000A |
| CHOPPERS | | AIR SHP GRD | 100 | | | | 58 | 2L2 | 67830000 |
| CHOPPERS | | GRD | 116.414 | 259.247 | 2550 | .02577 | 62 | 1159 | 67832000A |
| CHOPPERS | | AIR | 129.032 | 257.856 | 240 | .031 | 62 | 1095 | 67834000A |
| CHOPPERS | | GRD | 231.16 | 428.788 | 1700 | .02163 | 63 | 1159 | 67836000A |
| CHOPPERS | | AIR | 310.344 | 489.862 | 10 | .029 | 62 | 1093 | 67838000 |
| CHOPPERS | | AIR GMD | 361.111 | 526.609 | | .036 | 60 | 1067 | 67840000 |
| CHOPPERS | | AIR | 409.09 | 645.727 | 6 | .022 | 62 | 1093 | 67842000 |
| CHOPPERS | SIGNALS.COMPARATOR | GRD | 454.545 | 843.154 | | .011 | 66 | 1252 | 67844000A |
| CHOPPERS | | GRD | 545.454 | 808.252 | | .022 | 60 | 1067 | 67846000 |
| CHOPPERS | | GRD | 2500 | 4637.35 | | .002 | 60 | 1067 | 67848000 |

PART CLASS SEE VIBRATORS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| (1) N.O.C. | | | | | | | | | |
| CHOPPERS.DPDT | | GRD | * | 9210.4 | | .00025 | 64 | 1180 | 67850000 |
| CHOPPERS.ELECTROMECHANICAL | | GND | 5 | | | | 65 | 1251 | 67852000A |
| CHOPPERS.ELECTRONIC.REED-TYPE.4-PIN | | LAB | * | 86.2397 | 8 | .0267 | 65 | 1217 | 67854000A |
| CHOPPERS.MINIATURE.ELECTROMECHANICAL | | SUB | 60.015 | 97.4846 | 675 | .1333 | 64 | 1161 | 67856000A |
| CHOPPERS.MINIATURE.ELECTROMECHANICAL | | SUB | 60.9756 | 237.176 | 90 | .0164 | 65 | 1246 | 67858000 |
| CHOPPERS.MINIATURE.ELECTROMECHANICAL | | SUB | 68.0966 | 92.084 | 2250 | .2937 | 65 | 1246 | 67860000 |
| CHOPPERS.MINIATURE.ELECTROMECHANICAL | | SUB | 198.675 | 442.437 | 20 | .0151 | 65 | 1246 | 67862000 |
| CHOPPERS.MINIATURE.ELECTROMECHANICAL | | SUB | 250 | 556.733 | 20 | .012 | 64 | 1161 | 67864000A |
| IGNITION | DC-POWER-SUPPLY-SYSTEM | AIR | 75.3055 | 93.242 | 597 | .51789 | 67 | 1272 | 67564000 |
| INSTRUMENT(400-CPS) | | AIR GND | 15.5038 | 41.2581 | | .129 | 61 | 1087 | 67868000 |
| INSTRUMENT-PANEL | INSTRUMENTS.707.131 | AIR | 110P | | | | 66 | 2361 | 67870000 |
| INSTRUMENT-PANEL | INSTRUMENTS.707.131 | AIR | 240P | | | | 65 | 2361 | 67872000 |
| INSTRUMENT-PANEL | INSTRUMENTS.707.131 | AIR | 680P | | | | 66 | 2361 | 67874000 |
| NON-SYNCHRONOUS | | LAB | 1.35 | | | | 63 | 1138 | 67876000 |

PART CLASS 534 VIEWFINDERS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF REPT | DATA SOURCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| | WINDOW.AIRFRAME | AIR | 13.3333 | 51.8626 | 50 | .075 | 63 | 1194 | 67870000 |
| | WINDOW.AIRFRAME | AIR | 95.6937 | 372.22 | 50 | .01045 | 63 | 1193 | 67880000 |

PART CLASS 535 VISORS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.S.C. | | | | | | | | | |
| | CATHODE-RAY-TUBE.FLIGHT-INDICATOR | SIM GRD AIR | * | 82.9765 | 195 | .02775 | 64 | 1181 | 67882000A |
| | CATHODE-RAY-TUBE.FLIGHT-INDICATOR | SIM GRD AIR | * | 115.13 | 139 | .02 | 63 | 1117 | 67884000 |
| CATHODE-RAY-TUBE | SEARCH-RADAR | AIR | 749.063 | 1993.37 | 36 | .00267 | 66 | 1256 | 67886000A |
| COWLING-NOSE-SECTION | POWER-PLANT-GENERAL.707-131B | AIR | 30P | | | | 66 | 2364 | 67888000 |
| COWLING-NOSE-SECTION | POWER-PLANT-GENERAL.707-131B | AIR | 70P | | | | 65 | 2364 | 67890000 |
| COWLING-NOSE-SECTION | POWER-PLANT-GENERAL.707-131B | AIR | 100P | | | | 66 | 2364 | 67892000 |
| HIGH-RANGE-ALT.SCR-718. M-387 | | AIR | 23.5904 | 62.7777 | 50 | .08478 | 63 | 1198 | 67894000 |
| HIGH-RANGE-ALT.SCR-718. M-387 | | AIR | 23.6387 | 52.642 | 90 | .12691 | 63 | 1198 | 67896000 |
| HIGH-RANGE-ALT.SCR-718. M-387 | | AIR | 26.6666 | 70.964 | 50 | .075 | 63 | 1114 | 67898000 |
| HIGH-RANGE-ALT.SCR-718. M-387 | | AIR | 34.0909 | 75.9181 | 102 | .088 | 63 | 1114 | 67900000 |
| HIGH-RANGE-ALT.SCR-718. M-387 | | AIR | 42.9664 | 79.7 | 100 | .11637 | 65 | 1198 | 67902000 |
| SUN | FLIGHT-DECK | AIR | 121.359 | 213.027 | 96 | .04944 | 65 | 1227 | 67904000 |
| SUN | FLIGHT-DECK | AIR | 121.565 | 187.292 | 152 | .08226 | 66 | 1250 | 67906000 |
| .10 HOOD | | | | | | | | | |
| | BLIND-FLYING.CANOPY.INSTRUCTOR | AIR | 70.0096 | 113.719 | 473 | .11427 | 65 | 1228 | 67908000 |
| | BLIND-FLYING.CANOPY.INSTRUCTOR | AIR | 239.561 | 321.518 | 406 | .08766 | 64 | 1179 | 67910000 |
| BLIND-FLYING | CANOPY.INSTRUCTOR | AIR | 100.407 | 120.715 | 597 | .51789 | 67 | 1272 | 67912000 |

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
SECTION I FAILURE RATE DATA

NONELECTRONIC PART FAILURE RATE DATA JANUARY 1968

PART CLASS 938 WALKWAYS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .15 CARGO COMPARTMENT | | | | | | | | | |
| | | AIR | 40.453 | 197.35 | 48 | .02472 | 65 | 1227 | 67914000 |
| | | AIF | 1021.1 | 4.27 | 76 | .04113 | 66 | 1250 | 67916000 |

PART CLASS 538 WARNING DEVICES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .0C N.A.C. | | | | | | | | | |
| FIRE,CONTROL-BOX | FIRE-PROTECTION.88C | AIR | 160P | | | | 65 | 2360 | 67918000 |
| FIRE,LIGHT-FLASHER | FIRE-PROTECTION.707-131 | AIR | 220P | | | | 66 | 2361 | 67920000 |
| FIRE,LIGHT-FLASHER | FIRE-PROTECTION.707-131B | AIR | 230P | | | | 66 | 2361 | 67922000 |
| FIRE,LIGHT-FLASHER | FIRE-PROTECTION.707-131 | AIR | 260P | | | | 65 | 2361 | 67924000 |
| FIRE-CONTROL | FIRE-PROTECTION.88C | AIR | 150P | | | | 66 | 2363 | 67926000 |
| FIRE-CONTROL | FIRE-PROTECTION.88C | AIR | 180P | | | | 65 | 2363 | 67928000 |
| FIRE-CONTROL-BOX | FIRE-PROTECTION.88C | AIR | 160P | | | | 65 | 2365 | 67930000 |
| FIRE-LIGHT-FLASHER | FIRE-PROTECTION.707-131 | AIR | 220P | | | | 66 | 2364 | 67932000 |
| FIRE-LIGHT-FLASHER | FIRE-PROTECTION.707-131 | AIR | 340P | | | | 65 | 2362 | 67934000 |
| FLIGHT-INSTRUMENTATION-SOUNDER | NAVIGATION.707-331B | AIR | 240P | | | | 66 | 2362 | 67936000 |
| FLIGHT-INSTRUMENTATION-SOUNDER | NAVIGATION.707-331B | AIR | 340P | | | | 66 | 2361 | 67938000 |
| FLIGHT-INSTRUMENTATION-SOUNDER | NAVIGATION.707-331B | AIR | 340P | | | | 65 | 2361 | 67940000 |
| HORN,LANDING-GEAR | LANDING-GEAR.707-131 | AIR | 340P | | | | 65 | 2362 | 67942000 |
| HORN,LANDING-GEAR | LANDING-GEAR.707-131 | AIR | 600P | | | | 65 | 2362 | 67944000 |
| HORNS | WARNING-OXYGEN-QUANTITY-TROOP | AIR | * | 55.9836 | 76 | .04113 | 66 | 1250 | 67946000A |
| HORNS | WARNING-SYSTEM,BAILOUT-ALARM | AIR | 49.6263 | 129.401 | 76 | .04113 | 66 | 1250 | 67948000 |
| HORNS | WARNING-SYSTEM,LANDING-GEAR | AIR | 48.6263 | 125.401 | 76 | .04113 | 66 | 1250 | 67950000A |
| LANDING-GEAR-FCAN | LANDING-GEAR.707-331 | AIR | 260P | | | | 65 | 2361 | 67952000 |
| LANDING-GEAR-FCAN | LANDING-GEAR.707-131 | AIR | 270P | | | | 65 | 2364 | 67954000 |
| LANDING-GEAR-FCAN | LANDING-GEAR.707-331 | AIR | 410P | | | | * | 2364 | 67956000 |
| OVERHEAT-FLASHER | FIRE-PROTECTION.88C | AIR | 40P | | | | 66 | 2365 | 67958000 |
| OVERHEAT-FLASHER | FIRE-PROTECTION.88C | AIR | 40P | | | | 66 | 2363 | 67960000 |
| OVERHEAT-FLASHER | FIRE-PROTECTION.88C | AIR | 70P | | | | 66 | 2360 | 67962000 |
| OVERHEAT-FLASHER | FIRE-PROTECTION.88C | AIR | 110P | | | | 66 | 2363 | 67964000 |
| OVERHEAT-FLASHER | FIRE-PROTECTION.88C | AIR | 190P | | | | 66 | 2360 | 67966000 |
| OVERHEAT-FLASHER | FIRE-PROTECTION.88C | AIR | 190P | | | | 66 | 2365 | 67968000 |
| OVERHEAT-FLASHER | FIRE-PROTECTION.88C | AIR | 200P | | | | 65 | 2360 | 67970000 |
| OVERHEAT-FLASHER | FIRE-PROTECTION.88C | AIR | 230P | | | | 65 | 2363 | 67972000 |
| WARNING-HORN-LANDING-GEAR | LANDING-GEAR.88C | AIR | 660P | | | | 65 | 2365 | 67974000 |
| .1C BELL | | | | | | | | | |
| | LANDING-GEAR | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 67976000 |
| | OXYGEN-QUANTITY,TROOP | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 67978000 |
| | WARNING-BELL-SYSTEM | AIR | 1.96993 | 3.66241 | 200 | .50763 | 65 | 1198 | 67980000 |
| | WARNING-BELL-SYSTEM | AIR | 4.29664 | 11.434 | 400 | .46548 | 65 | 1198 | 67982000 |
| | BAILOUT-ALARM | AIR | 40.453 | 157.35 | 46 | .02472 | 65 | 1227 | 67984000 |
| | EMERGENCY-EQUIPMENT | AIR | 53.3333 | 106.58 | 50 | .075 | 63 | 1114 | 67986000 |
| | EMERGENCY-EQUIPMENT | AIR | 66.6666 | 259.313 | 68 | .015 | 63 | 1114 | 67988000 |
| | EMERGENCY-EQUIPMENT | AIR | 68.1818 | 119.682 | 102 | .088 | 63 | 1114 | 67990000 |
| | EMERGENCY-EQUIPMENT | AIR | 70.7714 | 124.228 | 90 | .08478 | 63 | 1114 | 67992000 |
| | WARNING-BELL-SYSTEM | AIR | 82.5666 | 106.392 | 200 | .33912 | 65 | 1198 | 67994000 |
| | | AIR | 83.752 | 325.77 | 31 | .01194 | 63 | 1111 | 67996000 |

PART CLASS 63E WARNING DEVICES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | VARIATION | PART HOURS | YR OF DATA | SOURCE REF NO | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .10 BELL | | | | | | | | | |
| | EMERGENCY-EQUIPMENT | AIR | 64.526 | 142.632 | 100 | .11637 | 65 | 1198 | 67998000 |
| | EMERGENCY-EQUIPMENT | AIR | 110.314 | 158.6 | 50 | .12691 | 65 | 1198 | 68000000 |
| .20 BUZZER | | | | | | | | | |
| | | LAB | .6 | | | | 63 | 1138 | 68002000 |
| | | AIR | 30 | | | | 61 | 1048 | 68004000 |
| .30 KEYER | | | | | | | | | |
| | FIRE/OVERHEAT-DETECTION-SYS.ENG/APU | AIR | 30.3398 | 67.5647 | 192 | .09888 | 65 | 1227 | 68004000 |
| | OVERHEAT-WARNING-SYSTEM | AIR | 32.258 | 85.8435 | 272 | .062 | 63 | 1114 | 68008000 |
| | OVERHEAT-WARNING-SYSTEM | AIR | 55.8963 | 72.6914 | 400 | .46548 | 65 | 1198 | 68010000 |
| | OVERHEAT-WARNING-SYSTEM | AIR | 181.254 | 207.932 | 200 | .50763 | 65 | 1198 | 68012000 |
| | OVERHEAT-WARNING-SYSTEM | AIR | 208.133 | 235.314 | 488 | .353 | 65 | 1114 | 68014000 |
| | OVERHEAT-WARNING-SYSTEM | AIR | 256.546 | 295.517 | 200 | .33912 | 63 | 1198 | 68016000 |
| EMERGENCY.AN/ARA-2C.KY-65B | | AIR | 280.936 | 324.443 | 200 | .299 | 63 | 1114 | 68018000 |
| EMERGENCY.AN/ARA-2C.KY-65B | | AIR | 11.7952 | 45.8795 | 50 | .08478 | 63 | 1198 | 68020000 |
| FIRE/OVERHEAT-DETECTION-SYSTEM | ENG/AUXILIARY-POWER-UNIT | AIR | 13.3333 | 51.8626 | 50 | .075 | 63 | 1114 | 68022000 |
| FLASHER-CONTROL | | AIR | 72.9483 | 108.094 | 304 | .1645 | 66 | 1250 | 68024000A |
| FLASHER-CONTROL | | AIR | 84.2105 | 136.784 | | .095 | 63 | 2125 | 68026000 |
| | | AIR | 784.386 | 835.585 | | .532 | 63 | 2114 | 68028000 |

RADC AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y. NONELECTRONIC PART FAILURE RATE DATA JANUARY 1963

SECTION I FAILURE RATE DATA

PART CLASS 941 WAVEGUIDES AND MICROWAVE PLUMBING

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .CO N.O.C. | | | | | | | | | |
| WAVEGUIDE | DOPPLER-RADAR-SUBSYSTEM | AIR | 88.0591 | 135.465 | 12 | .11354 | 62 | 2322 | 68030000 |
| WAVEGUIDE | SEARCH-RADAR-SUBSYSTEM | AIR | 92.752 | 155.967 | 7 | .07847 | 62 | 2322 | 68032000 |
| WAVEGUIDE | | AIR GND | 218.181 | 323.3 | | .055 | 57 | 2L2 | 68034000 |
| WAVEGUIDE.ROTARY-JOINT | | AIR GND | 127.272 | 214.016 | | .055 | 57 | 2L2 | 68036000 |

1035

PART CLASS 942 WEIGHTS

| PART DESCRIPTION .QC N.B.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF REF | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| BALANCE | B08.STABILIZER.HORIZONTAL | AIR | 17.5024 | 46.5765 | 473 | .11427 | 65 | 1225 | 68038070 |
| BALANCE | ELEVATOR-CONTROL-SYSTEM | AIR | • | 3.28640 | 1292 | .7002 | 66 | 1250 | 68040000 |
| BALANCE | ELEVATOR-CONTROL-SYSTEM | AIR | • | 5.47028 | 816 | .42024 | 65 | 1227 | 68042000 |
| B08 | PROPELLER-ASSEMBLY | AIR | • | 6.78992 | 200 | .33912 | 63 | 1198 | 68044000 |
| | STABILIZER.HORIZONTAL | AIR | 13.5169 | 22.7283 | 587 | .51799 | 67 | 1272 | 68046000 |

PART CLASS 944 WHEELS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| | TIP-PROTECTION-GEAR | AIR | * | 96.4641 | 62 | .02387 | 63 | 1111 | 68048000 |
| | STEERING.LANDING-GEAR | AIR | * | 14.7868 | 100 | .11637 | 65 | 1198 | 68050000 |
| | STEERING.LANDING-GEAR | AIR | * | 27.1597 | 50 | .08478 | 63 | 1198 | 68052000 |
| | STEERING.LANDING-GEAR | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 68054000 |
| | MAIN-LANDING-GEAR | AIR | * | 24.1109 | 248 | .0955 | 63 | 1111 | 68056000 |
| | MAIN-LANDING-GEAR | AIR | 16.129 | 62.737 | 272 | .062 | 63 | 1114 | 68058000 |
| | MAIN-LANDING-GEAR | AIR | 38.3345 | 55.9033 | 200 | .33912 | 63 | 1198 | 68060000 |
| | MAIN-LANDING-GEAR | AIR | 40.1357 | 59.47 | 200 | .299 | 63 | 1114 | 68062000 |
| | MAIN-LANDING-GEAR | AIR | 60.1529 | 77.5112 | 400 | .46548 | 65 | 1194 | 68064000 |
| | NOSE.LANDING-GEAR | AIR | 81.6361 | 111.293 | 200 | .23274 | 65 | 1198 | 68066000 |
| | NOSE.LANDING-GEAR | AIR | 82.5666 | 116.707 | 100 | .16956 | 63 | 1198 | 68068000 |
| | NOSE.LANDING-GEAR | AIR | 87.2483 | 127.234 | 100 | .149 | 63 | 1114 | 68070000 |
| | NOSE.LANDING-GEAR | AIR | 96.7741 | 215.509 | 136 | .031 | 63 | 1114 | 68072000 |
| | MAIN-LANDING-GEAR | AIR | 110.316 | 131.718 | 200 | .50763 | 65 | 1198 | 68074000 |
| | MAIN-LANDING-GEAR | AIR | 113.314 | 139.915 | 408 | .353 | 63 | 1114 | 68076000 |
| | MAIN-LANDING-GEAR | AIR | 176.982 | 221.842 | 384 | .19776 | 65 | 1227 | 68078000 |
| | MAIN-LANDING-GEAR | AIR | 293.165 | 344.618 | 946 | .22854 | 65 | 1228 | 68080000 |
| | NOSE.LANDING-GEAR | AIR | 370.341 | 424.259 | 100 | .25382 | 65 | 1198 | 68082000 |
| | TAIL.LANDING-GEAR | AIR | 370.438 | 457.4 | 63 | .10798 | 64 | 1155 | 68084000 |
| | NOSE.LANDING-GEAR | AIR | 424.757 | 570.07 | 96 | .04944 | 65 | 1227 | 68086000 |
| | MAIN | AIR | 428.571 | 608.354 | 640 | .035 | 61 | 1080 | 68088000 |
| | NOSE.LANDING-GEAR | AIR | 443.181 | 514.678 | 204 | .176 | 63 | 1114 | 68090000 |
| | MAIN-LANDING-GEAR | AIR | 530.458 | 608.142 | 812 | .17532 | 64 | [illegible] | 68092000 |
| | NOSE | AIR | 571.428 | 772.717 | 640 | .035 | 61 | 1080 | 68094000 |
| | NOSE.LANDING-GEAR | AIR | 578.784 | 650.935 | 128 | .28597 | 64 | 1155 | 68096000 |
| | NOSE.LANDING-GEAR | AIR | 647.058 | 976.361 | 64 | .017 | 66 | 1225 | 68098000 |
| | NOSE.LANDING-GEAR | AIR | 776.226 | 828.191 | 997 | .51709 | 67 | 1272 | 68100000 |
| | NOSE.LANDING-GEAR | AIR | 778.857 | 895.703 | 473 | .11427 | 65 | 1228 | 68102000 |
| | NOSE.LANDING-GEAR | AIR | 787.132 | 923.037 | 486 | .08769 | 64 | 1179 | 68104000 |
| | NOSE.LANDING-GEAR | AIR | 921.933 | 977.264 | 424 | .938 | 44 | 1286 | 68106000A |
| | MAIN-LANDING-GEAR | AIR | 1176.06 | 1276.41 | 126 | .21397 | 64 | 1195 | 68108000 |
| | MAIN.LANDING-GEAR | AIR | 1200.6 | 1281.78 | 606 | .329 | 66 | 1290 | 68110000A |
| | NOSE-LANDING-GEAR | AIR | 1210.52 | 1319.36 | | .190 | 63 | 2124 | 68112000 |
| | NOSE.LANDING-GEAR | AIR | 1227.81 | 1399.68 | 152 | .08226 | 66 | 1290 | 68114000A |
| | NOSE.LANDING-GEAR | AIR | 1529.48 | 1779.79 | | .04969 | 63 | 1123 | 68116000 |
| | MAIN-LANDING-GEAR | AIR | 1764.7 | 2253.82 | 64 | .017 | 66 | 1225 | 68118000 |
| | MAIN-LANDING-GEAR | AIR | 1775.8 | 2249.87 | | .01802 | 66 | 1241 | 68120000 |
| | MAIN.LANDING-GEAR | AIR | 2668.86 | 2674.7 | 1194 | 1.0357 | 67 | 1272 | 68122000 |
| | MAIN-LANDING-GEAR | AIR | 6821.05 | 7070.51 | | .190 | 63 | 2124 | 68124000 |
| AND-BEARING-ASSEMBLY | MAIN-LANDING-GEAR | AIR | 2351.85 | 2491.02 | | .216 | 63 | 2101 | 68126000 |
| ASSEMBLY | TAIL | AIR | 740.74 | 958.583 | | .108 | 63 | 2101 | 68128000 |
| ASSEMBLY | NOSE | AIR | 1157.4 | 1256.96 | | .216 | 63 | 2101 | 68130000 |
| COMPRESSOR | AUXILIARY-POWER-UNIT | AIR | * | 55.[illegible]834 | 76 | .04113 | 66 | 1250 | 68132000 |
| COMPRESSOR | AUXILIARY-POWER-UNIT | AIR | * | 93. 472 | 48 | .02472 | 65 | 1227 | 68134000 |
| COMPRESSOR.SECOND-STAGE | POWER-SECTION | AIR | 2.83535 | 11.3286 | 448 | .35269 | 65 | 1201 | 68136000 |

PART CLASS 944 WHEELS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .GO N.O.C. | | | | | | | | | |
| CONTROL | STEERING.LANDING-GEAR | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 68136000 |
| CONTROL | AILERON-SYSTEM | AIR | * | 9.89244 | 200 | .23274 | 65 | 1198 | 68140000 |
| CONTROL | AILERON-SYSTEM | AIR | * | 9.07178 | 100 | .29302 | 65 | 1198 | 68142000 |
| CONTROL | ELEVATOR-TAB | AIR | * | 192.847 | 31 | .01194 | 63 | 1111 | 68144000 |
| CONTROL | AILERON-SYSTEM | AIR | 5.89761 | 22.9399 | 106 | .13956 | 65 | 1198 | 68144000 |
| CONTROL | AILERON-SYSTEM | AIR | 6.7119 | 26.1023 | 100 | .199 | 63 | 1114 | 68148000 |
| CONTROL | AILERON.FLIGHT-CONTROL | AIR | 85.096 | 145.093 | 192 | .08228 | 66 | 1250 | 68150000 |
| CONTROL | AILERON.FLIGHT-CONTROL | AIR | 525.889 | 634.393 | 96 | .04944 | 65 | 1227 | 68152000 |
| CONTROL.STEERING | LANDING-GEAR | AIR | * | 69.1472 | 40 | .02472 | 65 | 1227 | 68154000 |
| MAGNESIUM.CAST.28X6-6 | NOSE.LANDING-GEAR | AIR | 2603.36 | 3615.02 | 43 | .00853 | 66 | 1240 | 68156000 |
| MAGNESIUM.FORGED.38X11 | MAIN-LANDING-GEAR | AIR | 918.856 | 1361.52 | 66 | .01506 | 64 | 1240 | 68156000 |
| REACTION | | LAB | * | 177.123 | | .813 | 62 | 1136 | 68160000 |
| REACTION | | GRD | * | 340.411 | | .00657 | 62 | 1136 | 68162000 |
| ROAD.TRACK.IDLER | (M-MILES) | GRD | 48.62238 | 72.04848 | 60 | .24608 | 66 | 1255 | 68164000 |
| TRACK-ROAD | (M-MILES) | GRD | 15.40959 | 21.00779 | 300 | 1.2338 | 63 | 1255 | 68166000 |
| TURBINE | GAS-TURBINE-COMPRESSOR, AUXILIARY-POWER-PLANT | AIR | * | 19.7868 | 100 | .11837 | 65 | 1198 | 68168000 |
| TURBINE | AUXILIARY-POWER-UNIT | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 68170000 |
| TURBINE | AUXILIARY-POWER-UNIT | AIR | * | 93.1473 | 40 | .02472 | 65 | 1227 | 68172000 |
| TURBINE | TURBOJET.J-85 | AIR | * | 5.03763 | 1092 | .45708 | 65 | 1228 | 68174000 |
| TURBINE | GAS-TURBINE-COMPRESSOR. AUXILIARY-POWER-PLANT | AIR | * | 27.1597 | 50 | .00478 | 65 | 1198 | 68176000 |
| TURBINE | GAS-TURBINE-COMPRESSOR. AUXILIARY-POWER-PLANT | AIR | * | 16.1435 | 90 | .12491 | 65 | 1198 | 68178000 |
| TURBINE.FIRST-STAGE | POWER-SECTION | AIR | 30.8896 | 63.1695 | 200 | .20571 | 65 | 1201 | 68180000 |
| TURBINE.SECOND-STAGE | POWER-SECTION | AIR | 4.66121 | 18.9044 | 240 | .25571 | 65 | 1201 | 68182000 |
| TURBINE.THIRD-STAGE | POWER-SECTION | AIR | 9.72242 | 25.8728 | 240 | .20571 | 63 | 1201 | 68184000 |
| WITH-TIRES | NOSE.LANDING-GEAR | AIR | 4097.5 | 4277.66 | | .22111 | 65 | 1188 | 68186000 |

PART CLASS 945 WINCHES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .60 N.E.C. | | | | | | | | | |
| | RETRIEVAL.STATIC-LINE.AIR-DROP-SYSTEM | AIR | • | 27.9917 | 152 | .08226 | 66 | 1250 | 68188000 |
| | CARGO-COMPARTMENT | AIR | • | 55.9834 | 76 | .04113 | 66 | 1250 | 68190000 |
| | RETRIEVAL.STATIC-LINE.AIR-DROP-SYSTEM | AIR | 40.453 | 107.651 | 96 | .04944 | 65 | 1227 | 68192000 |
| | CARGO-COMPARTMENT | AIR | 80.906! | 213.303 | 48 | .02472 | 65 | 1227 | 68194000 |
| | RESCUE-HOIST-SYSTEM | HELI | 731.452 | 1229.97 | 216 | .00557 | 63 | 1118 | 68196000 |
| | RESCUE-HOIST-SYSTEM | HELI | 1289.13 | 2167.75 | 216 | .00543 | 63 | 1118 | 68198000 |
| 600LB-MAX.TOUCH/MIN-HYDRAULIC-MOTOR.CONSTANT-DISPLACEMENT. | RESCUE-HOIST-SYSTEM | HELI | 333.333 | 313.555 | 120 | .03 | 65 | 1215 | 68200000 |
| .10 HOIST | | | | | | | | | |
| | AMMUNITION.GUN-TURRET | AIR | 83.752 | 325.77 | 31 | .01194 | 63 | 1111 | 68202000 |
| CABLE.RESCUE.HYDRAULIC-DRIVE.600LB-RATING | | HELI | 548.13 | 905.817 | 151 | .107 | 66 | 1234 | 68204000A |
| ELECTRONIC-EQUIPMENT | GUN-TURRET | AIR | 502.512 | 882.085 | 31 | .01194 | 63 | 1111 | 68206000 |

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.

SECTION I FAILURE RATE DATA — NONELECTRONIC PART FAILURE RATE DATA — JANUARY 1968

PART CLASS 946 WINDLASSES

| PART DESCRIPTION .00 N.E.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF DATA RPT | CROSS INDEX SRCE | REF NO |
|---|---|---|---|---|---|---|---|---|---|
| | DOOR.BRAKE-PARACHUTE | AIR | 85.952 | 325.77 | 31 | .011144 | 65 | IIIE | 68268000 |

100

ROME AIR DEVELOPMENT C[illegible]TER, GRIFFISS AFB, N.Y.
SECTION I FAILURE RATE DATA

PART CLASS 547 WINGS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF DATA RPT | CROSS INDEX SRCE | REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | AIR | 39.9265 | 67.1395 | 312 | .17532 | 64 | 1179 | 68210000 |
| | | AIR | 52.9072 | 77.8045 | 948 | .22594 | 65 | 1220 | 68212000 |
| | | GRD | 126.562 | 492.367 | | .8079 | 62 | 1135 | 68214000 |
| | RIGHT-HAND | AIR | 142.898 | 159.159 | 1194 | 1.0347 | 67 | 1272 | 68216000 |
| .1[illegible] LOCK | | PSL | 400 | 1064.66 | | .009 | 61 | 212 | 68218000 |
| .2[illegible] BOX BEAM | | AIR | * | 93.1472 | 48 | 02472 | 65 | 1227 | 68220000 |
| | CENTER | AIR | * | 55.9834 | 76 | .04133 | 66 | 1250 | 68222000 |

CENTER

PART CLASS 948 WINDSHIELDS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| | SIDE-PANELS | AIR | 4 | 46.3397 | 0 | .04969 | 63 | 1139 | 68224000 |
| | INSTRUCTOR | AIR | 11.4077 | 44.3725 | 486 | .08764 | 64 | 1179 | 68226000 |
| | SIDE | AIR | 20.2265 | 78.6751 | 96 | .04944 | 65 | 1227 | 68228000 |
| | CENTER | AIR | 24.3131 | 94.5709 | 76 | .04113 | 66 | 1290 | 68230000A |
| | CENTER | AIR | 40.453 | 157.35 | 48 | .02472 | 65 | 1227 | 68232000 |
| | FRONT | AIR | 49.8107 | 92.3958 | | .10038 | 63 | 1139 | 68234000 |
| | FRONT | HELI | 92.1658 | 358.497 | 48 | .01089 | 66 | 1257 | 68236000 |
| | FORWARD-PANELS | AIR | 94.451 | 180.749 | 90 | .04235 | 64 | 1144 | 68238000 |
| | CENTER-PANELS | AIR | 94.4733 | 251.407 | 45 | .02117 | 64 | 1144 | 68240000 |
| | INSTRUCTOR | AIR | 122.916 | 176.144 | 473 | .11427 | 65 | 1228 | 68242000 |
| | STUDENT | AIR | 205.338 | 282.412 | 406 | .08766 | 64 | 1179 | 68244000 |
| | STUDENT | AIR | 236.282 | 305.935 | 473 | .11427 | 65 | 1228 | 68246000 |
| | FRONT | AIR | 303.398 | 430.671 | 96 | .04944 | 65 | 1227 | 68248000 |
| | FRONT | AIR | 340.384 | 438.608 | 152 | .08226 | 66 | 1290 | 68250000 |
| GLASS | ESCAPE-SYSTEM | AIR | 74.0843 | 103.957 | 126 | .21597 | 65 | 1155 | 68252000 |
| GLASS | | AIR | 148.148 | 187.697 | | .216 | 63 | 2108 | 68254000 |
| SLIDING-LH | WINDOWS.707-131 | AIR | 250P | | | | 66 | 2362 | 68256000 |
| SLIDING-LH | WINDOWS.707-231 | AIR | 260P | | | | 65 | 2361 | 68258000 |
| SLIDING-LH | WINDOWS.707-131 | AIR | 270P | | | | 65 | 2363 | 68260000 |
| SLIDING-LH | WINDOWS.707-331 | AIR | 310P | | | | 66 | 2364 | 68262000 |
| SLIDING-RH | WINDOWS.707-131 | AIR | 230P | | | | 66 | 2364 | 68264000 |
| SLIDING-RH | WINDOWS.707-131 | AIR | 250P | | | | 66 | 2362 | 68266000 |
| SLIDING-RH | WINDOWS.707-331 | AIR | 310P | | | | 66 | 2364 | 68268000 |
| .10 CLEAR VISION | | | | | | | | | |
| | | AIR | 20.2265 | 78.6751 | 96 | .04944 | 65 | 1227 | 68270000 |
| | | AIR | 24.3131 | 84.7009 | 152 | .08226 | 66 | 1290 | 68272000 |
| .15 GLASS, ARMOR | | | | | | | | | |
| | | AIR | 130.434 | 179.593 | | .138 | 59 | 1070 | 68274000 |
| .25 INSTRUCTOR | | | | | | | | | |
| | | AIR | 42.48 | 56.6148 | 597 | .51789 | 67 | 1272 | 68276000 |
| .30 SIDE | | | | | | | | | |
| | | AIR | 36.4697 | 81.2156 | 152 | .08226 | 66 | 1290 | 68278000 |
| .35 STUDENT | | | | | | | | | |
| | | AIR | 363.011 | 399.348 | 597 | .51789 | 67 | 1272 | 68280000 |

PART CLASS 59% WINDOWS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| ... N.O.C. | | | | | | | | | |
| | LOWER-AFT-AIRFRAME | AIR | 0 | 9.89344 | 200 | .23274 | 65 | 1198 | 68282000 |
| | LOWER-FORWARD.AIRFRAME | AIR | 0 | 9.89344 | 200 | .23274 | 65 | 1198 | 68284000 |
| | LEADING-EDGE-LIGHT-EXTERIOR | AIR | 0 | 9.89344 | 200 | .23274 | 65 | 1198 | 68286000 |
| | CARGO-COMPARTMENT | AIR | 1.22759 | 3.26681 | 1400 | 1.6732 | 65 | 1198 | 68288000 |
| | CARGO/COMPARTMENT | AIR | 2.02593 | 7.88026 | 912 | .4938 | 66 | 1250 | 68290000 |
| | CARGO-COMPARTMENT | AIR | 3.37109 | 13.1125 | 536 | .29664 | 65 | 1227 | 68292000 |
| | LOWER-FORWARD.AIRFRAME | AIR | 3.93995 | 15.3252 | 100 | .25381 | 65 | 1198 | 68294000 |
| | COPILOTS-FORWARD.LOWER | AIR | 8.59328 | 33.4252 | 100 | .11637 | 65 | 1198 | 68296000 |
| | LEADING-EDGE-LIGHT.EXTERIOR | AIR | 11.3636 | 30.2403 | 204 | .176 | 63 | 1114 | 68298000 |
| | LEADING-EDGE-LIGHT.EXTERIOR | AIR | 11.8194 | 26.321 | 100 | .25382 | 65 | 1198 | 68300000 |
| | DOOR.CARGO.MAIN | HELI | 14.4404 | 38.4281 | 160 | .1385 | 66 | 1257 | 68302000 |
| | ROOF.WORK-DECK | HELI | 14.4508 | 56.2095 | 80 | .0692 | 63 | 1257 | 68304000 |
| | COPILOTS-FORWARD.UPPER | AIR | 17.1865 | 45.736 | 100 | .11637 | 65 | 1198 | 68306000 |
| | CARGO-COMPARTMENT | AIR | 21.9508 | 27.179 | 700 | 1.7767 | 65 | 1198 | 68308000 |
| | COPILOTS-FORWARD.LOWER | AIR | 22.7272 | 60.4806 | 102 | .088 | 63 | 1114 | 68310000 |
| | | AIR | 23.6127 | 51.8465 | 90 | .04235 | 64 | 1164 | 6831200CA |
| | DOOR.ENTRANCE.FLIGHT | AIR | 24.3131 | 94.5708 | 76 | .04113 | 66 | 1250 | 68314000 |
| | CARGO-COMPARTMENT | AIR | 27.5303 | 34.6263 | 1428 | 1.235 | 63 | 1114 | 68316000 |
| | DOOR.CREW | HELI | 28.8878 | 50.7082 | 240 | .2077 | 66 | 1257 | 68318000 |
| | LOWER-AFT-AIRFRAME | AIR | 34.1909 | 59.8614 | 204 | .176 | 63 | 1114 | 68320000 |
| | COPILOTS-FORWARD.LOWER | AIR | 39.3979 | 73.0809 | 50 | .12691 | 65 | 1198 | 68322000 |
| | DOOR.CARGO.MAIN | HELI | 39.4477 | 104.976 | 160 | .0507 | 66 | 1257 | 68324000 |
| | DOOR.ENTRANCE.FLIGHT | AIR | 40.455 | 157.35 | 48 | .02472 | 65 | 1227 | 68326000 |
| | LOWER-FORWARD.AIRFRAME | AIR | 47.1803 | 76.6377 | 100 | .16956 | 63 | 1198 | 68328000 |
| | LOWER-AFT.AIRFRAME | AIR | 51.2194 | 74.6534 | 100 | .25381 | 65 | 1198 | 68330000 |
| | LEADING-EDGE-LIGHT.EXTERIOR | AIR | 53.0785 | 83.7815 | 100 | .16956 | 63 | 1198 | 68332000 |
| | LOWER-FORWARD.AIRFRAME | AIR | 53.6912 | 87.2127 | 100 | .149 | 63 | 1114 | 68334000 |
| | COPILOTS-FORWARD.UPPER | AIR | 55.1571 | 92.7495 | 50 | .12691 | 65 | 1198 | 68336000 |
| | LEADING-EDGE-LIGHT.EXTERIOR | AIR | 60.4026 | 95.3622 | 100 | .149 | 63 | 1114 | 68338000 |
| | DOOR.CREW | HELI | 65.7894 | 122.035 | 240 | .076 | 66 | 1257 | 68340000 |
| | WING-TIP-LIGHT.EXTERIOR | AIR | 70.9163 | 97.5348 | 100 | .25382 | 65 | 1198 | 68342000 |
| | COPILOTS-FORWARD.UPPER | AIR | 79.5454 | 133.76 | 102 | .088 | 63 | 1114 | 68344000 |
| | WING-TIP-LIGHT.EXTERIOR | AIR | 80.909 | 127.565 | 204 | .176 | 63 | 1114 | 68346000 |
| | ROOF.WORK-DECK | HELI | 82.1658 | 159.497 | 40 | .01085 | 66 | 1257 | 68348000 |
| | COPILOTS-FORWARD.LOWER | AIR | 96.3917 | 153.257 | 50 | .08479 | 65 | 1198 | 68350000 |
| | COPILOTS-FORWARD.LOWER | AIR | 106.666 | 177.202 | 50 | .075 | 63 | 1114 | 68352000 |
| | LOWER-AFT-AIRFRAME | AIR | 107.382 | 150.681 | 100 | .149 | 63 | 1114 | 68354000 |
| | LOWER-AFT-AIRFRAME | AIR | 112.054 | 152.763 | 100 | .16956 | 63 | 1198 | 68356000 |
| | CARGO-COMPARTMENT | AIR | 121.393 | 131.903 | 1200 | 2.0347 | 63 | 1198 | 68358000 |
| | CARGO-COMPARTMENT | AIR | 121.807 | 133.041 | 1200 | 1.798 | 63 | 1114 | 68360000 |
| | COPILOTS-FORWARD.UPPER | AIR | 141.526 | 209.712 | 50 | .08479 | 63 | 1198 | 68362000 |
| | COPILOTS-FORWARD.UPPER | AIR | 160 | 237.087 | 50 | .075 | 63 | 1114 | 68364000 |
| | WING-TIP-LIGHT.EXTERIOR | AIR | 171.03 | 219.382 | 100 | .16956 | 63 | 1198 | 68366000 |
| | WING-TIP-LIGHT.EXTERIOR | AIR | 181.215 | 234.425 | 100 | .149 | 63 | 1114 | 68368000 |
| | FUSELAGE.FORWARD | HELI | 404.333 | 466.441 | 960 | .24 | 65 | 1215 | 68370000 |

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y. NONELECTRONIC PART FAILURE RATE DATA JANUARY 1968
SECTION I FAILURE RATE DATA

PART CLASS 549 WINDOWS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .CC N.O.C. | | | | | | | | | |
| CRT-BOMBER | TV-VIEW-FINDER, FLIGHT-TRACK-NAVIGATION | AIR | 191.387 | 509.311 | 50 | .01045 | 63 | 1198 | 68272000 |
| CRT-BUBBLE | TV-VIEW-FINDER, FLIGHT-TRACK-NAVIGATION | AIR | 222.222 | 591.366 | 50 | .009 | 63 | 1114 | 68374000 |
| INSPECTION | MAIN-LANDING-GEAR | AIR | * | 27.9917 | 192 | .08226 | 66 | 1250 | 68376000 |
| INSPECTION | NOSE-LANDING-GEAR | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 68378000A |
| INSPECTION | LIFE-RAFT | AIR | * | 4.94672 | 400 | .46548 | 65 | 1198 | 68380000 |
| INSPECTION | MAIN-LANDING-GEAR | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 68382000 |
| INSPECTION | MAIN-LANDING-GEAR | AIR | 2.83286 | 11.0869 | 408 | .353 | 63 | 1114 | 68384000 |
| INSPECTION | MAIN-LANDING-GEAR | AIR | 5.90981 | 13.1607 | 200 | .30763 | 65 | 1198 | 68386000 |
| INSPECTION | LIFE-RAFT | AIR | 7.87975 | 15.7468 | 200 | .50763 | 65 | 1198 | 68388000 |
| INSPECTION | LIFE-RAFT | AIR | 8.49858 | 18.9257 | 408 | .353 | 63 | 1114 | 68390000 |
| INSPECTION | MAIN-LANDING-GEAR | AIR | 15.0382 | 25.2826 | 400 | .46548 | 65 | 1198 | 68392000 |
| INSPECTION | MAIN-LANDING-GEAR | AIR | 16.129 | 62.737 | 272 | .062 | 63 | 1114 | 68394000 |
| INSPECTION | LIFE-RAFT | AIR | 20.2265 | 78.6751 | 96 | .04944 | 65 | 1227 | 68396000 |
| INSPECTION | LIFE-RAFT | AIR | 24.3131 | 64.7049 | 352 | .08226 | 66 | 1250 | 68398000 |
| INSPECTION | MAIN-LANDING-GEAR | AIR | 36.7892 | 55.5122 | 200 | .299 | 63 | 1114 | 68400000 |
| INSPECTION | MAIN-LANDING-GEAR | AIR | 38.3345 | 59.9033 | 200 | .33912 | 63 | 1198 | 68402000 |
| INSPECTION | NOSE-LANDING-GEAR | AIR | 40.453 | 157.35 | 48 | .02472 | 65 | 1227 | 68404000 |
| INSPECTION | LIFE-RAFT | AIR | 88.4642 | 112.989 | 200 | .33912 | 63 | 1198 | 68406000 |
| INSPECTION | LIFE-RAFT | AIR | 96.9899 | 124.409 | 200 | .299 | 63 | 1114 | 68408000 |
| LH-MAIN-CABIN | WINDOW, 707-121 | AIR | 230P | | | | 66 | 2364 | 68410000 |
| LH-MAIN-CABIN | WINDOW, 707-121 | AIR | 260P | | | | 65 | 2361 | 68412000 |
| LH-MAIN CABIN | WINDOW, 707-121 | AIR | 270P | | | | 65 | 2364 | 68414000 |
| LH MAIN CABIN | WINDOW, 707-121 | AIR | 450P | | | | 66 | 2364 | 68416000 |
| LOWER.OBSERVATION | | MULT | 1843.38 | 2492.63 | 40 | .01085 | 66 | 1257 | 68418000 |
| NESA | CENTER.AIRFRAME | AIR | 34.3731 | 68.6908 | 100 | .11637 | 65 | 1198 | 68420000 |
| NESA | PILOTS-FORWARD.UPPER | AIR | 42.9664 | 79.7 | 100 | .11637 | 65 | 1198 | 68422000 |
| NESA | PILOTS-FORWARD.LOWER | AIR | 44.6666 | 259.313 | 68 | .015 | 63 | 1114 | 68424000 |
| NESA | PILOTS-FORWARD.LOWER | AIR | 85.9328 | 132.393 | 100 | .11637 | 65 | 1198 | 68426000 |
| NESA | SIDE.AIRFRAME | AIR | 129.032 | 257.856 | 136 | .031 | 63 | 1114 | 68428000 |
| NESA | FRONT.AIRFRAME | AIR | 129.032 | 257.856 | 136 | .031 | 63 | 1114 | 68430000 |
| NESA | PILOTS-FORWARD.UPPER | AIR | 133.952 | 136.004 | 50 | .12691 | 65 | 1198 | 68432000 |
| NESA | PILOTS-FORWARD.UPPER | AIR | 147.727 | 215.431 | 102 | .088 | 63 | 1114 | 68434000 |
| NESA | SIDE.AIRFRAME | AIR | 148.975 | 198.003 | 200 | .23274 | 65 | 1198 | 68436000 |
| NESA | PILOTS-FORWARD.LOWER | AIR | 193.181 | 266.251 | 102 | .088 | 63 | 1114 | 68438000 |
| NESA | CENTER.AIRFRAME | AIR | 204.545 | 281.325 | 102 | .088 | 63 | 1114 | 68440000 |
| NESA | | AIR | 216.666 | 315.965 | 208 | .04 | 59 | 1198 | 68442000 |
| NESA | FRONT.AIRFRAME | AIR | 254.501 | 301.265 | 200 | .23274 | 65 | 1198 | 68444000 |
| NESA | CENTER.AIRFRAME | AIR | 266.026 | 326.216 | 50 | .12691 | 65 | 1198 | 68446000 |
| NESA | PILOTS-FORWARD.LOWER | AIR | 266.026 | 326.216 | 50 | .12691 | 65 | 1198 | 68448000 |
| NESA | PILOTS-FORWARD.UPPER | AIR | 293.333 | 390.936 | 30 | .075 | 63 | 1114 | 68450000 |
| NESA | PILOTS-FORWARD.UPPER | AIR | 318.433 | 412.303 | 50 | .08479 | 63 | 1198 | 68452000 |
| NESA | FRONT.AIRFRAME | AIR | 397.727 | 465.852 | 200 | .176 | 63 | 1114 | 68454000 |
| NESA | PILOTS-FORWARD.LOWER | AIR | 411.333 | 525.731 | 50 | .075 | 63 | 1114 | 68456000 |

PART CLASS .09 WINDOWS

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| NESA | PILOTS-FORWARD,LOWER | AIR | 424.578 | 530.664 | 50 | .08479 | 63 | 1198 | 68459000 |
| NESA | CENTER,AIRFRAME | AIR | 426.666 | 540.57 | 50 | .075 | 63 | 1114 | 68460000 |
| NESA | FRONT,AIRFRAME | AIR | 46 .97= | 520.537 | 100 | .25381 | 65 | 1198 | 68462000 |
| NESA | CENTER,AIRFRAME | AIR | 483.547 | 595.471 | 50 | .08479 | 63 | 1198 | 68464000 |
| NESA | SIDE,AIRFRAME | AIR | 50[illegible] | 575.477 | 204 | .176 | 63 | 1114 | 68466000 |
| NESA | FRONT,AIRFRAME | AIR | 518.99 | 597.334 | 100 | .16956 | 63 | 1198 | 68468000 |
| NESA | SIDE,AIRFRAME | AIR | 527.953 | 591.339 | 100 | .25381 | 65 | 1198 | 68470000 |
| NESA | FRONT,AIRFRAME | AIR | 530.201 | 615.137 | 100 | .149 | 63 | 1114 | 68472000 |
| NESA | SIDE,AIRFRAME | AIR | 691.275 | 787.401 | 100 | .149 | 63 | 1114 | 68474000 |
| NESA | SIDE,AIRFRAME | AIR | 707.714 | 797.912 | 100 | .16956 | 63 | 1198 | 68476000 |
| NESA.CLEAR-VISION | AIRFRAME | AIR | 34.3731 | 55.8335 | 200 | .23274 | 65 | 1198 | 68478000 |
| NESA.CLEAR-VISION | AIRFRAME | AIR | 159.09 | 204.999 | 204 | .176 | 63 | 1114 | 68480000 |
| NESA.CLEAR-VISION | AIRFRAME | AIR | 220.637 | 263.443 | 100 | .25381 | 65 | 1198 | 68482000 |
| NESA.CLEAR-VISION | AIRFRAME | AIR | 300.778 | 362.284 | 100 | .16956 | 63 | 1198 | 68484000 |
| NESA.CLEAR-VISION | AIRFRAME | AIR | 308.724 | 375.651 | 100 | .149 | 63 | 1114 | 68486000 |
| RAM-AIR | DOOR-ASSEMBLY,FUSELAGE,FORWARD,NOSE | AIR | * | 55.9834 | 76 | .04113 | 68 | 1259 | 68488000 |
| RAM-AIR | DOOR-ASSEMBLY,FUSELAGE,FORWARD,NOSE | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 68490000 |
| RH-MAIN-CABIN | WINDOWS,[illegible] | AIR | 260P | | | | 55 | 2361 | 68492000 |
| RH-MAIN-CABIN | WINDOWS,[illegible] | AIR | 460P | | | | 66 | 2362 | 68494000 |
| RH-MAIN-CABIN | WINDOW,[illegible] | AIR | 550P | | | | 65 | 2364 | 68496000 |
| SKYLIGHT | AIRFRAME | AIR | 1.89035 | 7.35293 | 612 | .529 | 63 | 1114 | 68498000 |
| SKYLIGHT | AIRFRAME | AIR | 2.86438 | 7.22276 | 600 | .69823 | 65 | 1198 | 68500000 |
| SKYLIGHT | AIRFRAME | AIR | 7.8797 | 13.8316 | 500 | .76145 | 65 | 1198 | 68502000 |
| SKYLIGHT | AIRFRAME | AIR | 21.5053 | 57.229 | 408 | .093 | 63 | 1114 | 68504000 |
| SKYLIGHT | AIRFRAME | AIR | 73.3333 | 92.5643 | 300 | .45 | 63 | 1114 | 68506000 |
| SKYLIGHT | AIRFRAME | AIR | 74.7046 | 92.7649 | 300 | .50867 | 63 | 1198 | 68508000 |
| UNHEATED | | AIR | 55.8503 | 148.626 | 93 | .03581 | 63 | 1111 | 68510000 |
| VIEWING,SEXTANT | | AIR | 188.723 | 264.827 | 50 | .08473 | 63 | 1198 | 68512000 |
| VIEWING,SEXTANT | | AIR | 200 | 283.998 | 50 | .075 | 63 | 1114 | 68514000 |
| .10 WINDSHIELD | | | | | | | | | |
| AFT | AIRFRAME | AIR | 4.29664 | 16.7126 | 200 | .23274 | 65 | 1198 | 68516000 |
| AFT | AIRFRAME | AIR | 86.679 | 119.52 | 100 | .25381 | 65 | 1198 | 68518000 |
| AFT | AIRFRAME | AIR | 96.5909 | 134.125 | 204 | .176 | 63 | 1114 | 68520000 |
| AFT | AIRFRAME | AIR | 265.392 | 325.649 | 100 | .16956 | 63 | 1198 | 68522000 |
| AFT | AIRFRAME | AIR | 288.54 | 353.997 | 100 | .149 | 63 | 1114 | 68524000 |

PART CLASS 95T WIRE, CABLES AND HARNESSES

| PART DESCRIPTION .00 N.O.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| CABLE-ELECTRICAL | | AIR GND | 24 | | | | 66 | 2L6 | 68526000 |
| CABLE-ASSEMBLIES | RUDDER-JUMPER | HELI | * | 46.3593 | | .04969 | 63 | 1123 | 68528000 |
| CABLE-ASSEMBLIES | RESCUE-HOIST-SYSTEM | AIR | * | 1718.35 | 150 | .00144 | 63 | 1118 | 68530000 |
| CABLE-ASSEMBLIES | AUTO-FLIGHT-CONTROL-SYSTEM | SIM GRD AIR | * | 55.3775 | 195 | .04158 | 64 | 1181 | 68532000A |
| CABLE-ASSEMBLIES | RUDDER-STOP-FUNK-SPRING | HELI | * | 46.3593 | | .04969 | 63 | 1123 | 68534000 |
| CABLE-ASSEMBLIES | AUTO-FLIGHT-CONTROL-SYSTEM | AIR | * | 76.7533 | 139 | .03 | 63 | 1117 | 68536000 |
| CABLE-ASSEMBLIES | | LAB | .02 | | | | 63 | 1138 | 68538000 |
| CABLE-ASSEMBLIES | CONTROL.LANDING-GEAR | AIR | 11.4077 | 30.3576 | 812 | .17532 | 64 | 1179 | 68540000 |
| CABLE-ASSEMBLIES | BRAKE-SYSTEM | SIM GRD AIR | 57.0385 | 105.803 | 406 | .08766 | 64 | 1179 | 68542000 |
| CABLE-ASSEMBLIES | BRAKE-SYSTEM.LANDING-GEAR | SIM GRD AIR | 61.2584 | 103.009 | 473 | .11427 | 65 | 1228 | 68544000 |
| CABLE-ASSEMBLIES | STABILIZER.HORIZONTAL | AIR | 70.0096 | 113.719 | 473 | .11427 | 65 | 1228 | 68546000 |
| CABLE-ASSEMBLIES | STABILIZER.HORIZONTAL | AIR | 102.669 | 162.057 | 406 | .08766 | 64 | 1179 | 68548000 |
| CABLE-ASSEMBLIES | AILERON-SYSTEM.FLIGHT-CONTROL | LAB | 262.377 | 347.402 | 406 | .08766 | 64 | 1179 | 68550000 |
| CABLE-ASSEMBLIES | RESCUE-HOIST-SYSTEM | AIR | 336.7 | 508.054 | 150 | .03267 | 63 | 1118 | 68552000 |
| CABLE-ASSEMBLIES | AILERON-SYSTEM.FLIGHT-CONTROL | AIR | 350.048 | 432.223 | 473 | .11427 | 65 | 1228 | 68554000 |
| CABLE-ASSEMBLIES | RUDDER-SYSTEM | AIR | 866.369 | 988.977 | 473 | .11427 | 65 | 1228 | 68556000 |
| CABLE-ASSEMBLIES | RUDDER-SYSTEM | AIR | 981.063 | 1131.04 | 406 | .08766 | 64 | 1179 | 68558000 |
| CABLES | ENGINE-CONTROLS | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 68560000 |
| CABLES | RUDDER-CONTROL-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 68562000 |
| CABLES | ENGINE-CONTROLS | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 68564000 |
| CABLES | RUDDER.AUTOPILOT-SYSTEM | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 68566000 |
| CABLES | PILOT-ACCESS-STEP | AIR | * | 11.5855 | | .19874 | 63 | 1123 | 68568000 |
| CABLES | AILERON-SYSTEM-AUTO-FLT-CONTROL-SYS | AIR | * | 18.6596 | 228 | .2234 | 66 | 1250 | 68570000 |
| CABLES | ELEVATOR.AUTOPILOT-SYSTEM | AIR | * | 15.7868 | 100 | .11637 | 65 | 1198 | 68572000 |
| CABLES | ELEVATOR-ASSEMBLY | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 68574000 |
| CABLES | UPLOCK.INITIATOR.AIR-DROP-SYSTEM | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 68576000 |
| CABLES | RUDDER.AUTOPILOT-SYSTEM | AIR | * | 27.1597 | 50 | .08478 | 63 | 1198 | 68578000 |
| CABLES | WING-FLAP-ASSEMBLY | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 68580000 |
| CABLES | RELEASE.LIFE-RAFT.RADIO. SURVIVAL-EQUIPMENT | AIR | * | 9.32982 | 456 | .2468 | 66 | 1250 | 68582000 |
| CABLES | UPLOCK.INITIATOR.AIR-DROP-SYSTEM | AIR | * | 27.9497 | 152 | .06226 | 66 | 1250 | 68584000 |
| CABLES | AILERON.AUTOPILOT-SYSTEM | AIR | * | 9.89344 | 200 | .23274 | 65 | 1198 | 68586000 |
| CABLES | ELEVATOR-ASSEMBLY | AIR | * | 9.89344 | 200 | .23274 | 65 | 1198 | 68588000 |
| CABLES | WING-FLAP-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 68590000 |
| CABLES | TENSION.REGULATING.RUDDER-ASSEMBLY | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 68592000 |
| CABLES | RUDDER.CONTROL-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 68594000 |
| CABLES | AILERON.AUTOPILOT-SYSTEM | AIR | * | 27.1597 | 50 | .08478 | 63 | 1198 | 68596000 |
| CABLES | RELEASE.TAKEOFF-ASSIST-SYSTEM | AIR | * | 2.2879 | 400 | 1.0153 | 63 | 1198 | 68598000 |
| CABLES | TENSION.REGULATING.ELEVATOR-ASSEMBLY | AIR | * | 9.89344 | 200 | .23274 | 65 | 1198 | 68600000 |
| CABLES | ENGINE-CONTROLS | AIR | * | 1.134 | 800 | 2.0305 | 65 | 1198 | 68602000 |
| CABLES | TENSION.REGULATING.RUDDER-ASSEMBLY | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 68604000 |
| CABLES | CONTROL.ENGINE-THROTTLE | AIR | * | 24.1109 | 248 | .0955 | 63 | 1111 | 68606000 |
| CABLES | ELEVATOR-ASSEMBLY | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 68608000 |
| CABLES | SUPPORT.SEAT.CARGO-COMPARTMENT | AIR | * | 4.65736 | 960 | .4944 | 65 | 1227 | 68610000 |
| CABLES | HOISTING.AIR-DROP-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 68612000 |

PART CLASS S-1 WIRE, CABLES AND HARNESSES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| CABLES | TENSION.REGULATING.AILERON-CONTROL | AIR | * | 13.5798 | 100 | .16956 | 65 | 1198 | 68614000 |
| CABLES | LANDING-GEAR.NOSE.EMERGENCY | AIR | * | 9.89344 | 200 | .23274 | 65 | 1198 | 68616000 |
| CABLES | ANCHOR.STATIC-LINE.AIR-DROP-SYSTEM | AIR | * | 23.2868 | 192 | .09888 | 65 | 1227 | 68618000 |
| CABLES | ELEVATOR-ASSEMBLY.AUTO-FLIGHT-CONT | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 68620000 |
| CABLES | AILERON-SYSTEM-AFCS | AIR | * | 31.049 | 144 | .07416 | 65 | 1227 | 68622000 |
| CABLES | RUDDER.AUTOPILOT-SYSTEM | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 68624000 |
| CABLES | TENSION.REGULATING.AILERON-CONTROL | AIR | * | 9.07178 | 100 | .25382 | 65 | 1198 | 68626000 |
| CABLES | | AIR | * | 328.942 | 4 | .007 | 62 | 1093 | 68628000 |
| CABLES | STEERING-LANDING-GEAR | AIR | * | 31.049 | 144 | .07416 | 65 | 1227 | 68630000 |
| CABLES | DOOR.MECHANICAL.FORWARD-ENTRANCE | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 68632000 |
| CABLES | ELEVATOR-SYSTEM.AFCS | AIR | * | 93.1472 | 48 | .02473 | 65 | 1227 | 68634000 |
| CABLES | RELEASE.TAKEOFF-ASSIST-SYSTEM | AIR | * | 2.452 | 800 | .99907 | 65 | 1198 | 68636000 |
| CABLES | ELEVATOR.AUTOPILOT-SYSTEM | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 68638000 |
| CABLES | PITCH-TRIM-ACTUATOR | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 68640000 |
| CABLES | DEPRESS.DOOR.EMERG.FWD-ESCAPE-HATCH.CARGO | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 68642000 |
| CABLES | | AIR | * | 74.2774 | 16 | .031 | 62 | 1093 | 68644000 |
| CABLES | TENSION.REGULATING.AILERON-CONTROL | AIR | * | 9.89344 | 200 | .23274 | 63 | 1198 | 68646000 |
| CABLES | AILERON-SYSTEM.FLIGHT-CONTROL | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 68648000 |
| CABLES | AILERON.AUTOPILOT-SYSTEM | AIR | * | 18.1435 | 50 | .12691 | 65 | 1198 | 68650000 |
| CABLES | RUDDER.ASSEMBLY | AIR | * | 13.5798 | 100 | .16956 | 63 | 1198 | 68652000 |
| CABLES | DEPRESS.DOOR.EMERGENCY.FORWARD-ESCAPE-HATCH.CARGO | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 68654000 |
| CABLES | DOOR.CAMERA | AIR | * | 32.1502 | 186 | .07162 | 63 | 1111 | 68656000 |
| CABLES | CONTROL.STEERING-SYSTEM | AIR | * | 24.1109 | 248 | .0955 | 63 | 1111 | 68658000 |
| CABLES | WING-FLAP-ASSEMBLY | AIR | * | 13.5798 | 100 | .16956 | 63 | 1198 | 68660000 |
| CABLES | | AIR | * | 115.13 | 2 | .02 | 62 | 1093 | 68662000 |
| CABLES | ELEVATOR-ASSEMBLY | AIR | * | 9.07178 | 100 | .25382 | 65 | 1198 | 68664000 |
| CABLES | RESTRAINT.STANCHION.LITTER/SEAT.CARGO | AIR | * | 13.3067 | 336 | .17304 | 65 | 1227 | 68666000 |
| CABLES | RELEASE.LIFE.RAFT.RADIO.SURVIVAL-EQUIPMENT | AIR | * | 15.5245 | 288 | .14832 | 65 | 1227 | 68668000 |
| CABLES | CONTROL.PARKING-BRAKE.LANDING-GEAR | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 68670000 |
| CABLES | RELEASE.TAKEOFF-ASSIST-SYSTEM | AIR | * | 3.39501 | 400 | .67823 | 63 | 1198 | 68672000 |
| CABLES | | AIR | * | 209.327 | 2 | .011 | 62 | 1093 | 68674000 |
| CABLES | PITCH-TRIM-ACTUATOR | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 68676000 |
| CABLES | ENGINE-CONTROLS | AIR | .089509 | .340165 | 9600 | 11.172 | 65 | 1198 | 68678000 |
| CABLES | AMPLIFIER/TEMPERATURE-DATUM-VALVE | AIR | .501379 | 1.99021 | 1716 | 1.9949 | 65 | 1201 | 68680000 |
| CABLES | ENGINE-CONTROLS | AIR | .834028 | 3.24412 | 800 | 1.199 | 63 | 1114 | 68682000 |
| CABLES | CONTROL.ENGINE.POWER-PLANT | AIR | 1.15758 | 4.50264 | 504 | .86387 | 65 | 1155 | 68684000 |
| CABLES | SUPPORT.SEAT.CARGO-COMPARTMENT | AIR | 1.21565 | 4.72854 | 1520 | .8226 | 66 | 1250 | 68686000 |
| CABLES | ENGINE-CONTROLS | AIR | 1.47438 | 3.92355 | 800 | 1.3565 | 63 | 1198 | 68688000 |
| CABLES | RELEASE.LIFE.RAFT.SURVIVAL-EQUIPMENT | AIR | 1.57596 | 5.50936 | 750 | 1.9036 | 65 | 1198 | 68690000 |
| CABLES | AILERON-SYSTEM | AIR | 1.96993 | 7.66247 | 200 | .50763 | 65 | 1198 | 68692000 |
| CABLES | DISCONNECT.STABILIZER.HORIZONTAL | AIR | 2.1878 | 6.50988 | 1992 | .45708 | 65 | 1228 | 68694000 |

PART CLASS 951 WIRE, CABLES AND HARNESSES

| PART DESCRIPTION .UO N.O.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF APPL | DATA SHEET | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| CABLES | ENGINE-CONTROL | AIR | 2.31481 | 6.18006 | | .864 | 63 | 2109 | 68696000 |
| CABLES | AILERON-SYSTEM | AIR | 2.83286 | 11.0189 | 408 | .353 | 63 | 1114 | 68698000 |
| CABLES | AILERON-SYSTEM | AIR | 2.9488 | 11.4699 | 200 | .33912 | 63 | 1198 | 68700000 |
| CABLES | WINGFOLD.FLIGHT-CONTROL-SYSTEM | AIR | 3.34448 | 13.009 | 200 | .299 | 63 | 1114 | 68702000 |
| CABLES | STEERING.LANDING-GEAR | AIR | 3.36757 | 6.72971 | 693 | 1.1876 | 64 | 1155 | 68704000 |
| CABLES | RELEASE.MANUAL.MLG.EMERGENCY | AIR | 4.29664 | 16.7126 | 100 | .23274 | 65 | 1198 | 68706000 |
| CABLES | DISCONNECT.STABILIZER.HORIZONTAL | AIR | 4.29664 | 16.7126 | 200 | .23274 | 65 | 1198 | 68708000 |
| CABLES | STEERING.LANDING-GEAR | AIR | 4.34467 | 6.85783 | 2388 | 2.0715 | 67 | 1272 | 68710000 |
| CABLES | LANDING-GEAR.MAIN | AIR | 5.68181 | 22.1005 | 204 | .176 | 63 | 1114 | 68712000 |
| CABLES | DISCONNECT.STABILIZER.HORIZONTAL | AIR | 5.70385 | 22.1862 | 812 | .17532 | 64 | 1179 | 68714000 |
| CABLES | TENSION.REGULATING.ELEVATOR-ASSEMBLY | AIR | 5.70385 | 15.1788 | 1624 | .35064 | 64 | 1179 | 68716000 |
| CABLES | RELEASE.EMERGENCY.MAIN-LANDING-GEAR | AIR | 5.89761 | 22.9399 | 100 | .16956 | 65 | 1198 | 68718000 |
| CABLES | TENSION.REGULATING.ELEVATOR-ASSEMBLY | AIR | 6.07902 | 23.6455 | 304 | .1645 | 66 | 1250 | 68720000 |
| CABLES | | AIR | 6.7114 | 26.1053 | 100 | .149 | 63 | 1114 | 68722000 |
| CABLES | WING-FLAP-ASSEMBLY | AIR GND | 7.14285 | 11.0047 | | 1.40 | 58 | 2L2 | 68724000 |
| CABLES | STEERING.LANDING-GEAR | AIR | 7.6796 | 30.6192 | 50 | .12691 | 65 | 1198 | 68726000 |
| CABLES | RUDDER.ASSEMBLY | AIR | 8.10372 | 31.521 | 228 | .1234 | 66 | 1250 | 68728000 |
| CABLES | AILERON-SYSTEM | AIR | 8.59328 | 33.4252 | 100 | .11627 | 65 | 1198 | 68730000 |
| CABLES | LANDING-GEAR.MAIN | AIR | 8.99328 | 17.1727 | 400 | .46548 | 65 | 1198 | 68732000 |
| CABLES | JETTISON.CANOPY.INSTRUCTOR.EXTERNAL | AIR | 8.7512 | 23.2882 | 966 | .22854 | 65 | 1228 | 68734000 |
| CABLES | RELEASE.LIFE.RAFT.SURVIVAL-EQUIPMENT | AIR | 8.7512 | 34.0395 | 473 | .11427 | 65 | 1228 | 68736000 |
| CABLES | RELEASE.EMERGENCY.MLG | AIR | 9.45179 | 17.5525 | 612 | .529 | 63 | 1114 | 68738000 |
| CABLES | RUDDER.ASSEMBLY | AIR | 10.1132 | 39.3375 | 192 | .09888 | 65 | 1227 | 68740000 |
| CABLES | WING-SPOILER-SYSTEM | AIR | 11.3636 | 44.2011 | 102 | .088 | 63 | 1114 | 68742000 |
| CABLES | ELEVATOR.ASSEMBLY | AIR | 11.7164 | 14.4669 | 6900 | 3.414 | 66 | 1250 | 68744000 |
| CABLES | ANCHOR.STATIC-LINE.AIR-DROP-SYSTEM | AIR | 11.7952 | 23.5714 | 200 | .33912 | 63 | 1198 | 68746000 |
| CABLES | | AIR | 12.158 | 32.3544 | 304 | .1645 | 66 | 1250 | 68748000 |
| CABLES | CONTROL.LANDING-GEAR | AIR | 12.3456 | 48.0209 | 27 | .081 | 62 | 1093 | 68750000 |
| CABLES | ELEVATOR.ASSEMBLY | AIR | 13.1268 | 29.2325 | 948 | .22854 | 65 | 1228 | 68752000 |
| CABLES | RELEASE.MANUAL.CHUTE.AIR-DROP-SYSTEM | AIR | 13.3779 | 26.7342 | 200 | .299 | 63 | 1114 | 68754000 |
| CABLES | CONTROL.LANDING-GEAR | AIR | 13.4843 | 52.4501 | 144 | .07416 | 65 | 1227 | 68756000 |
| CABLES | INTERCONNECT.LANDING-GEAR | AIR | 14.4829 | 20.5584 | 1194 | 1.03 7 | 67 | 1272 | 68758000 |
| CABLES | STEERING.LANDING-GEAR | AIR | 15.0285 | 25.2713 | 400 | .46578 | 65 | 1198 | 68760000 |
| CABLES | RUDDER.ASSEMBLY | AIR | 15.7591 | 31.4929 | 100 | .25382 | 65 | 1198 | 68762000 |
| CABLES | CONTROL.CUTOFF.FUEL.(M-MILES) | GRD | 15.7591 | 41.9375 | 50 | .12691 | 65 | 1198 | 68764000 |
| CABLES | RELEASE.MANUAL.CHUTE.AIR-DROP-SYSTEM | AIR | 16.2074M | 63.0421M | 15 | .0617M | 66 | 1255 | 68766000 |
| CABLES | LANDING-GEAR.MAIN | AIR | 16.2074 | 43.1304 | 228 | .1234 | 66 | 1250 | 68768000 |
| CABLES | ELEVATOR.AUTOPILOT-SYSTEM | AIR | 16.414 | 22.7924 | 1194 | 1.0357 | 67 | 1272 | 68770000 |
| CABLES | CONTROL.TAIL-ROTOR | HELI | 17.6928 | 39.4008 | 100 | .16956 | 63 | 1198 | 68772000 |
| CABLES | ELEVATOR.AUTOPILOT-SYSTEM | AIR | 19.7238 | 76.7199 | 160 | .0507 | 66 | 1257 | 68774000 |
| CABLES | TENSION.REGULATING.RUDDER-ASSEMBLY | AIR | 20.1342 | 44.8375 | 100 | .149 | 63 | 1114 | 68776000 |
| CABLES | CONTROL.PARKING-BRAKE.LANDING-GEAR | AIR | 23.5904 | 62.7777 | 50 | .08478 | 63 | 1198 | 68778000 |
| CABLES | DOOR-MECHANICAL.FORWARD-ENTRANCE | AIR | 24.3131 | 94.5708 | 76 | .04113 | 66 | 1250 | 68780000 |
| CABLES | TENSION.REGULATING.RUDDER-ASSEMBLY | AIR | 24.3131 | 94.5708 | 76 | .04113 | 66 | 1250 | 68782000 |
| | | AIR | 26.6666 | 70.964 | 50 | .075 | 63 | 1114 | 68784000 |

PART CLASS 951 WIRE, CABLES AND HARNESSES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.O.C. | | | | | | | | | |
| CABLES | TENSION.REGULATING.ELEVATOR-ASSEMBLY | AIR | 31.5681 | 63.0853 | 50 | .12671 | 65 | 1198 | 68786000 |
| CABLES | JETTISON.CANOPY.EXTERNAL | AIR | 32.8255 | 45.5813 | 597 | .51789 | 67 | 1272 | 68788000 |
| CABLES | TENSION.REGULATING.ELEVATOR-ASSEMBLY | AIR | 34.0909 | 75.9181 | 102 | .088 | 63 | 1114 | 68790000 |
| CABLES | INTERCONNECT.LANDING-GEAR | AIR | 34.0909 | 59.8414 | 204 | .176 | 63 | 1114 | 68792000 |
| CABLES | SYNCHRONIZING.VARIABLE-GEOMETRY. TURBOJET | AIR | 39.2695 | 78.4758 | 812 | .10186 | 64 | 1179 | 68794000 |
| CABLES | SYNCHRONIZING.VARIABLE-GEOMETRY. TURBOJET | AIR | 39.3804 | 62.1597 | 946 | .22854 | 65 | 1228 | 68796000 |
| CABLES | DOOR.MECHANICAL.PERSONNEL.CARGO-COMP | AIR | 40.453 | 80.8409 | 192 | .09888 | 63 | 1227 | 68798000 |
| CABLES | AILERON-SYSTEM.FLIGHT-CONTROL | AIR | 40.453 | 157.35 | 48 | .02472 | 65 | 1227 | 68800000 |
| CABLES | WING-FLAP-SYSTEM | AIR | 40.453 | 157.35 | 48 | .02472 | 65 | 1227 | 68802000 |
| CABLES | INTERCONNECT.LANDING-GEAR | AIR | 46.9798 | 78.9993 | 100 | .149 | 63 | 1114 | 68804000 |
| CABLES | STEERING.LANDING-GEAR | AIR | 47.1809 | 94.2857 | 50 | .08478 | 63 | 1198 | 68806000 |
| CABLES | INTERCONNECT.LANDING-GEAR | AIR | 47.1809 | 76.6377 | 100 | .16956 | 63 | 1198 | 68808000 |
| CABLES | DOOR.MECHANICAL.PERSONNEL CARGO-COMPARTMENT | AIR | 48.6322 | 78.9951 | 304 | .1645 | 66 | 1250 | 68810000 |
| CABLES | INTERCONNECT.LANDING-GEAR | AIR | 51.2173 | 74.6905 | 100 | .25382 | 65 | 1198 | 68812000 |
| CABLES | STEERING.LANDING-GEAR | AIR | 53.3333 | 106.58 | 50 | .075 | 63 | 1114 | 68814000 |
| CABLES | IGNITER | AIR | 56.7536 | 220.754 | 64 | .01762 | 65 | 1201 | 68816000 |
| CABLES | DOOR.LANDING-GEAR.NOSE | AIR | 57.9273 | 73.983 | 597 | .51789 | 67 | 1272 | 68818000 |
| CABLES | DOOR.LANDING-GEAR.NOSE | AIR | 68.4462 | 120.147 | 406 | .08766 | 64 | 1179 | 68820000 |
| CABLES | RELEASE.LIFE-RAFT.SURVIVAL-EQUIPMENT | AIR | 68.7462 | 90.4687 | 300 | .34911 | 65 | 1198 | 68822000 |
| CABLES | RELEASE.LIFE-RAFT.SURVIVAL-EQUIPMENT | AIR | 70.7714 | 124.228 | 50 | .08478 | 63 | 1198 | 68824000 |
| CABLES | FEEDBACK.VARIABLE-GEOMETRY.TURBOJET. J-85 | AIR | 78.5391 | 127.574 | 812 | .10186 | 64 | 1179 | 68826000 |
| CABLES | CONTROL.ENGINE-BUILDUP.TURBOJET.J-85 | AIR | 78.7608 | 108.373 | 946 | .22854 | 65 | 1228 | 68828000 |
| CABLES | CONTROL.THROTTLE | AIR | 79.8539 | 114.807 | 812 | .17532 | 64 | 1179 | 68830000 |
| CABLES | RELEASE.LIFE-RAFT.SURVIVAL-EQUIPMENT | AIR | 80 | 140.428 | 50 | .075 | 63 | 1114 | 68832000 |
| CABLES | STABILIZER-CONTROL | AIR | 83.752 | 325.77 | 31 | .01194 | 63 | 1111 | 68834000 |
| CABLES | LANDING-GEAR.NOSE | AIR | 87.512 | 134.826 | 473 | .11427 | 65 | 1228 | 68836000 |
| CABLES | | AIR | 90.909 | 353.609 | 3 | .011 | 62 | 1093 | 68838000 |
| CABLES | BRAKE.LANDING-GEAR | AIR | 102.338 | 122.816 | 597 | .51789 | 67 | 1272 | 68840000 |
| CABLES | CONTROL.ENGINE-BUILDUP.TURBOJET.J-85 | AIR | 102.669 | 141.206 | 812 | .17532 | 64 | 1179 | 68842000 |
| CABLES | CONTROL.THROTTLE | AIR | 105.014 | 138.197 | 946 | .22854 | 65 | 1228 | 68844000 |
| CABLES | FEEDBACK.VARIABLE-GEOMETRY.TURBOJET. J-85 | AIR | 109.39 | 143.131 | 946 | .22854 | 65 | 1228 | 68846000 |
| CABLES | INTERCONNECT.FLEXIBLE.ACTUATOR/ WING-FLAP | AIR | 125.484 | 189.346 | 406 | .08766 | 64 | 1179 | 68848000 |
| CABLES | INTERCONNECT.CONTROL.WING-FLAP | AIR | 131.268 | 186.334 | 473 | .11427 | 65 | 1228 | 68850000 |
| CABLES | RELEASE.ALTERNATE.LANDING-GEAR | AIR | 131.268 | 186.334 | 473 | .11427 | 65 | 1228 | 68852000 |
| CABLES | INTERCONNECT.FLEXIBLE.ACTUATOR/ WING-FLAP | AIR | 157.521 | 216.647 | 473 | .11427 | 65 | 1228 | 68854000 |
| CABLES | INTERCONNECT.CONTROL.WING-FLAP | AIR | 159.707 | 229.614 | 406 | .08766 | 64 | 1179 | 68856000 |
| CABLES | RETRACTION.BOMB-NAVIGATION-SYSTEM | AIR | 167.504 | 445.753 | 31 | .01194 | 63 | 1111 | 68858000 |
| CABLES | BRAKE.LANDING-GEAR.MAIN | AIR | 167.504 | 445.753 | 31 | .01194 | 63 | 1111 | 68860000 |

SECTION I FAILURE RATE DATA

PART CLASS 951 WIRE, CABLES AND HARNESSES

| PART DESCRIPTION .UC N.O.C. | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPU-LATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| CABLES | DOOR.MECHANICAL.PARATROOP | AIR | 180.458 | 221.657 | 200 | .23274 | 65 | 1198 | 68862000 |
| CABLES | CONTROL.TAIL-ROTOR | HELI | 187.725 | 244.206 | 160 | .1385 | 66 | 1257 | 68864000 |
| CABLES | INTERCONNECT.CONTROL.WING-FLAP | AIR | 198.885 | 226.427 | 597 | .51789 | 67 | 1272 | 68866000 |
| CABLES | RELEASE.ALTERNATE-LANDING-GEAR | AIR | 205.338 | 282.412 | 406 | .08766 | 64 | 1179 | 68868000 |
| CABLES | DOOR.MECHANICAL.PARATROOP | AIR | 206.416 | 258.737 | 100 | .16956 | 63 | 1198 | 68870000 |
| CABLES | DOOR.MECHANICAL.PARATROOP | AIR | 214.765 | 272.898 | 100 | .149 | 63 | 1114 | 68872000 |
| CABLES | FIRE-DETECTION.ENGINE-COMPARTMENT | HELI | 242.99 | 274.466 | 604 | .428 | 66 | 1234 | 68874000A |
| CABLES | INTERCONNECT.FLAP/HORIZ-TAIL. STABILIZER | AIR | 253.784 | 325.531 | 473 | .11427 | 65 | 1228 | 68876000 |
| CABLES | CONTROL.THROTTLE | AIR | 280.603 | 302.273 | 1194 | 1.0357 | 67 | 1272 | 68878000 |
| CABLES | RELEASE.LIFE.RAFT.SURVIVAL-EQUIPMENT | AIR | 304.347 | 437.565 | 204 | .046 | 63 | 1114 | 68880000 |
| CABLES | INTERCONNECT.TAIL-FLAP/STABILIZER. HORIZ | AIR | 319.415 | 411.589 | 406 | .08766 | 64 | 1179 | 68882000 |
| CABLES | INTERCONNECT.TAIL-FLAP/STABILIZER. HORIZONTAL | AIR | 401.629 | 439.722 | 597 | .51789 | 67 | 1272 | 68884000 |
| CABLES | AILERON-SYSTEM.FLIGHT-CONTROL | AIR | 420.662 | 467.935 | 597 | .51789 | 67 | 1272 | 68886000 |
| CABLES | CONTROL.TAIL-ROTOR | HELI | 586.06 | 822.402 | 80 | .0273 | 66 | 1257 | 68888000 |
| CABLES | DOOR.MECHANICAL.PARATROOP | AIR | 715.909 | 804.769 | 204 | .176 | 63 | 1114 | 68890000 |
| CABLES | DOOR.MECHANICAL.PARATROOP | AIR | 859.177 | 917.77 | 100 | .29352 | 65 | 1198 | 68892000 |
| CABLES | WING-SPOILER-SYSTEM | AIR | 1132.68 | 1459.54 | 48 | .02472 | 65 | 1227 | 68894000 |
| CABLES | RUDDER-SYSTEM | AIR | 1133.44 | 1195.7 | 597 | .51789 | 67 | 1272 | 68896000 |
| CABLES | DRIVE.CANOPY.STUDENT | AIR | 1312.68 | 1460.98 | 473 | .11427 | 65 | 1228 | 68898000 |
| CABLES | DRIVE.CANOPY.INSTRUCTOR | AIR | 1367.08 | 1435.28 | 597 | .51789 | 67 | 1272 | 68900000 |
| CABLES | DRIVE.CANOPY.STUDENT | AIR | 1482.94 | 1553.68 | 597 | .51789 | 67 | 1272 | 68902000 |
| CABLES | DRIVE.CANOPY.STUDENT | AIR | 1654.91 | 1844.43 | 406 | .08766 | 64 | 1179 | 68904000 |
| CABLES | DRIVE.CANOPY.INSTRUCTOR | AIR | 1801.5 | 2056.84 | 473 | .11427 | 65 | 1228 | 68906000 |
| CABLES | BRAKE-PARACHUTE | AIR | 2093.8 | 2739.63 | 31 | .01194 | 63 | 1111 | 68908000 |
| CABLES | DRIVE.CANOPY.INSTRUCTOR | AIR | 2304.35 | 2526.35 | 406 | .08766 | 64 | 1179 | 68910000 |
| CABLES.ALTERNATE | RELEASE.LANDING-GEAR | AIR | 106.2 | 127.013 | 597 | .51789 | 67 | 1272 | 68912000 |
| CABLES.ARMORED | WING-FLAP-ASSEMBLY | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 68914000 |
| CABLES.ASSEMBLIES | STABILIZER-HORIZONTAL | AIR | 233.64 | 265.283 | 597 | .51789 | 67 | 1272 | 68916000 |
| CABLES.ASSEMBLY | | MSL | * | 230260 | 5 | .00001 | 64 | 1143 | 68918000A |
| CABLES.ASSEMBLY | | SIM MSL | * | 46052 | 160 | .00009 | 64 | 1143 | 68920000A |
| CABLES.ASSEMBLY | VHF-RADIO-OMNIRANGE-NAVIGATION | AIR | * | 55.9834 | 76 | .04113 | 64 | 1250 | 68922000 |
| CABLES.ASSEMBLY | | SIM AIR | 4.51671 | 17.5686 | 1752 | .2214 | 66 | 1231 | 68924000A |
| CABLES.ASSEMBLY | | SIM AIR | 9.56022 | 37.1864 | 520 | .1048 | 65 | 1199 | 68926000A |
| CABLES.ASSEMBLY | | AIR | 200 | 532.23 | 80 | .01 | 62 | 1095 | 68928000 |
| CABLES.ASSEMBLY.HI-VOLT | SEARCH-RADAR.AN/APN-59 | AIR | * | 46.5736 | 96 | .04944 | 65 | 1227 | 68930000 |
| CABLES.ASSEMBLY.HI-VOLT | SEARCH-RADAR.AN/APN-59 | AIR | * | 27.9917 | 152 | .08226 | 66 | 1250 | 68932000 |
| CABLES.COAXIAL | FUEL-QUANTITY-INST | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 68934000 |
| CABLES.COAXIAL | FUEL-QUANTITY-INSTRUMENTATION | AIR | 24.3131 | 94.5708 | 76 | .04113 | 66 | 1250 | 68936000 |
| CABLES.COAXIAL | AN/APX-44.IFF-SYSTEM | AIR | 125.518 | 140.837 | 1194 | 1.0357 | 67 | 1272 | 68938000 |
| CABLES.COAXIAL | AN/ARC-34X.UHF-COMMUNICATION | AIR | 309.935 | 333.301 | 1194 | 1.0357 | 67 | 1272 | 68940000 |
| CABLES.CONTROL.LINKAGES | | AIR GND | 196 | | | | 61 | 2L2 | 68942000 |
| CABLES.FITTINGS | | AIR | 196 | | | | 57 | 2L1 | 68944000 |

PART CLASS WIRE, CABLES AND HARNESSES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90% CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .90 N.O.C. | | | | | | | | | |
| CABLES.FLEXIBLE | FIRE/OVERHEAT-DETECTION,ENG/APU | AIR | 12.1359 | 19.1558 | 1440 | .7416 | 65 | 1227 | 68946000 |
| CABLES.FLEXIBLE | THRUST-REVERSE.ENGINE-CONTROL | AIR | 12.138 | 32.3944 | 304 | .1645 | 66 | 1250 | 68948000 |
| CABLES.FLEXIBLE | FIRE/OVERHEAT-DETECTION, ENGINE/AUXILIARY-POWER-UNIT | AIR | 18.6385 | 24.6788 | 2280 | 1.234 | 66 | 1250 | 68950000 |
| CABLES.FLEXIBLE | THRUST-REVERSE.ENGINE-CONTROL | AIR | 31.3398 | 47.5647 | 192 | .09688 | 65 | 1227 | 68952000 |
| CABLES.FLEXIBLE | INTERCONNECT.ACTUATOR/WING-FLAP | AIR | 140.956 | 164.544 | 597 | .51785 | 67 | 1272 | 68954000 |
| CABLES.HARNESS | | SUB | 139.86 | 372.188 | 60 | .0143 | 65 | 1246 | 68956000 |
| CABLES.HOISTING | AIR-DROP-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 68958000 |
| CABLES.RESTRAINT | STANTION.LITTER/SEAT.CARGO | AIR | 3.47342 | 13.5109 | 532 | .2879 | 66 | 1250 | 68960000 |
| CABLES.SHIELDED | | SUB | 1000 | 3889.7 | 30 | .001 | 65 | 1246 | 68962000 |
| CABLES.SPECIAL | INFRARED-SYSTEM | AIR | 2956.25 | 4866.92 | 36 | .00267 | 66 | 1256 | 68964000 |
| CABLES.TYPICAL-IN-GIAM. 27% LE-BREAK | RESCUE-HOIST | HELI | 666.666 | 901.503 | 120 | .08 | 65 | 1215 | 68966000 |
| CABLES-WITH-HOOK | RESCUE-HOIST-SYSTEM | HELI | 1479.58 | 2938.8 | 216 | .00272 | 63 | 1118 | 68968000 |
| HARNESS.ANTI-SKID | LANDING-GEAR.727 | AIR | 110P | | | | 66 | 2363 | 68970000 |
| HARNESS.ANTI-SKID | LANDING-GEAR.731 | AIR | 140P | | | | 65 | 2363 | 68972000 |
| HARNESS.ANTI-SKID | LANDING-GEAR.731 | AIR | 31 P | | | | 65 | 2363 | 68974000 |
| HARNESS.ENGINE-WIRING | IGNITION.707-131 | AIR | 6 P | | | | 66 | 2362 | 68976000 |
| HARNESS.ENGINE-WIRING | IGNITION.727-131 | AIR | 65P | | | | 66 | 2361 | 68978000 |
| HARNESS.ENGINE-WIRING | IGNITION.727-331 | AIR | 7 P | | | | 66 | 2361 | 68980000 |
| HARNESS.ENGINE-WIRING | ENGINE-INDICATING.727-231 | AIR | 90P | | | | 65 | 2362 | 68982000 |
| HARNESS.ENGINE-WIRING | IGNITION.727-231 | AIR | 95P | | | | 65 | 2362 | 68984000 |
| HARNESS.NOSE-LANDING-GEAR-ELECT | LANDING-GEAR.727 | AIR | 18 P | | | | 66 | 2360 | 68986000 |
| HARNESS.THERMOCOUPLE | ENGINE-INDICATING.707-131 | AIR | 6 P | | | | 66 | 2362 | 68988000 |
| HARNESS.THERMOCOUPLE | ENGINE-INDICATING.727-131 | AIR | 6 P | | | | 66 | 2364 | 68990000 |
| HARNESS.THERMOCOUPLE | ENGINE-INDICATING.727-131 | AIR | 110P | | | | 66 | 2362 | 68992000 |
| HARNESS-ENGINE-WIRING | IGNITION.707-131 | AIR | 270P | | | | 65 | 2363 | 68994000 |
| HARNESS-THERMOCOUPLE | ENGINE-INDICATING.727-331 | AIR | 80P | | | | 66 | 2364 | 68996000 |
| HARNESS-THERMOCOUPLE | ENGINE-INDICATING.727-131 | AIR | 110P | | | | 66 | 2364 | 68998000 |
| HARNESS-THERMOCOUPLE | ENGINE-INDICATING.727-131 | AIR | 160P | | | | 66 | 2364 | 69000000 |
| HARNESS-THERMOCOUPLE | ENGINE-INDICATING.727-131 | AIR | 250P | | | | 65 | 2364 | 69002000 |
| HARNESSES | RAFT.LIFE-RAFT/SURVIVAL. SURVIVAL-EQUIPMENT | AIR | * | 13.9975 | 304 | .1645 | 66 | 1250 | 69004000 |
| HARNESSES | THERMOCOUPLE.ENGINE-CONTROL-SYSTEM | AIR | * | 11.6434 | 384 | .19776 | 65 | 1227 | 69006000 |
| HARNESSES | OVERHEAT-DETECTORS | AIR | 17.1865 | 45.736 | 100 | .11637 | 65 | 1198 | 69008000 |
| HARNESSES | IGNITION/ELECTRICAL-SYSTEM | AIR | 31.3398 | 53.2569 | 384 | .19776 | 65 | 1227 | 69010000 |
| HARNESSES | IGNITION.TURBOJET.J-85 | AIR | 100.638 | 133.251 | 946 | .22854 | 65 | 1228 | 69012000 |
| HARNESSES | DIVERTER-VALVE.AIR-STARTER.TURBOJET | AIR | 102.669 | 141.296 | 812 | .17532 | 64 | 1179 | 69014000 |
| HARNESSES | IGNITION.TURBOJET.J-85 | AIR | 127.626 | 186.117 | 812 | .10186 | 64 | 1179 | 69016000 |
| HARNESSES | PROPULSION | GRD | 144.822 | 289.411 | 440 | .02762 | 63 | 1125 | 69018000 |
| HARNESSES | DIVERTER-VALVE.AIR-STARTER.TURBOJET | AIR | 141.897 | 201.641 | 946 | .22854 | 65 | 1228 | 69020000 |
| HARNESSES | FIREYE.FIRE-DETECTION-SYSTEM | AIR | 175.62 | 196.705 | 450 | .76301 | 63 | 1198 | 69022000 |
| HARNESSES | GIMBAL.GYRO-STABILIZED-PLATFORM | AIR | 389.105 | 1035.46 | | .00914 | 66 | 1241 | 69024000 |
| HARNESSES.ENGINE-WIRING | ENGINE-INDICATING.707.331 | AIR | 60P | | | | 65 | 2361 | 69026000 |

PART CLASS 551 WIRE, CABLES AND HARNESSES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF DATA RPT | SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .CO N.O.C. | | | | | | | | | |
| HARNESSES.ENGINE-WIRING | ENGINE-INDICATING.707.331 | AIR | TOP | | | | 66 | 2361 | 69028000 |
| HARNESSES.IGNITION | ELECTRICAL-SYSTEM | AIR | 9.11854 | 20.3063 | 609 | .329 | 66 | 1250 | 69030000A |
| HARNESSES.SHOULDER | CREW.FLIGHT-DECK | AIR | 5.07902 | 23.6455 | 304 | .1645 | 66 | 1250 | 69032000 |
| HARNESSES.SHOULDER | CREW.FLIGHT-DECK | AIR | 91.0194 | 143.669 | 152 | .09888 | 65 | 1227 | 69034000 |
| HARNESSES.SHOULDER | INSTRUCTOR-SEAT | AIR | 159.707 | 229.614 | 406 | .08766 | 64 | 1179 | 69036000 |
| HARNESSES.SHOULDER | STUDENT-SEAT | AIR | 250.969 | 334.476 | 406 | .08766 | 64 | 1179 | 69038000 |
| HARNESSES.SHOULDER | INSTRUCTOR-SEAT | AIR | 364.942 | 451.369 | 597 | .51789 | 67 | 1272 | 69040000 |
| HARNESSES.SHOULDER | STUDENT-SEAT | AIR | 459.557 | 500.133 | 597 | .51789 | 67 | 1272 | 69042000 |
| HARNESSES.SHOULDER | INSTRUCTOR-SEAT | AIR | 533.823 | 632.545 | 473 | .11427 | 65 | 1228 | 69044000 |
| HARNESSES.SHOULDER | STUDENT-SEAT | AIR | 603.833 | 700.09 | 473 | .11427 | 65 | 1228 | 69046000 |
| HARNESSES.SHOULDER/ INERTIA-REEL | | HELI | 79.0513 | 210.367 | 80 | .0253 | 66 | 1257 | 69048000 |
| HARNESSES.SHOULDER/ INERTIA-REEL | | HELI | 184.331 | 490.534 | 40 | .01085 | 66 | 1257 | 69050000 |
| HARNESSES.SHOULDER/ INERTIA-REEL | | HELI | 303.468 | 407.287 | 80 | .0692 | 66 | 1257 | 69052000 |
| HARNESSES.THERMOCOUPLE | ENGINE-CONTROL-SYSTEM | AIR | 9.11854 | 20.3063 | 608 | .329 | 66 | 1250 | 69054000 |
| HARNESSES.THERMOCOUPLE | ENGINE-INDICATING.707.131 | AIR | TOP | | | | 65 | 2361 | 69056000 |
| STAINLESS-STEEL.19X7.31OCLR | RESCUE-HOIST | HELI | 551.401 | 655.294 | 151 | .107 | 66 | 1234 | 69058000A |
| WIRING | RADIO-EQUIPMENT.ELECTRICAL-SYSTEM | AIR | * | 23.1719 | | .09937 | 63 | 1123 | 69060000 |
| WIRING | PYLON.SINGLE | AIR | * | 46.3486 | | .04968 | 63 | 1123 | 69062000 |
| WIRING | LAUNCHER-AND-SUPPORT-EQUIPMENT | GRD | * | 1.82833 | 150 | 1.2594 | 65 | 1216 | 69064000 |
| WIRING | DISTRIBUTION.DC-POWER-SUPPLY | AIR | * | 19.7868 | 100 | .11637 | 65 | 1198 | 69066000 |
| WIRING | | MSL | * | 20932.7 | 210 | .00011 | 64 | 1143 | 69068000A |
| WIRING | | SIM MSL | * | 3654.92 | 1350 | .00063 | 64 | 1143 | 69070000A |
| WIRING | (OPERATING) | GRD | * | .111028 | | 20.739 | 65 | 1204 | 69072000 |
| WIRING | (CALENDAR) | GRD | * | .004529 | | 508.41 | 65 | 1204 | 69074000 |
| WIRING | (OPERATING) | GRD | * | .120929 | | 19.041 | 65 | 1204 | 69076000 |
| WIRING | (CALENDAR) | GRD | * | .006939 | | 331.85 | 65 | 1204 | 69078000 |
| WIRING | (CALENDAR) | GRD | .00089 | .011497 | | 7863.8 | 65 | 1204 | 69080000 |
| WIRING | (OPERATING) | GRD | .00997 | .016765 | | 702.12 | 65 | 1204 | 69082000 |
| WIRING | DISTRIBUTION.DC-POWER-SUPPLY | AIR | 11.3636 | 44.2011 | 102 | .088 | 63 | 1114 | 69084000 |
| WIRING | DISTRIBUTION.DC-POWER-SUPPLY | AIR | 15.7591 | 41.5375 | 50 | .12691 | 65 | 1198 | 69086000 |
| WIRING | DISTRIBUTION.AC-POWER-SUPPLY | AIR | 31.5183 | 62.9859 | 50 | .12691 | 65 | 1198 | 69088000 |
| WIRING | DISTRIBUTION.AC-POWER-SUPPLY | AIR | 51.5596 | 90.5052 | 100 | .11637 | 65 | 1198 | 69090000 |
| WIRING | TRUE-HEADING-SYSTEM.AJA-1 | AIR | 83.752 | 325.77 | 31 | .01194 | 63 | 1111 | 69092000 |
| WIRING | MARKER-BEACON-RADIO.ARN32 | AIR | 83.752 | 325.77 | 31 | .01194 | 63 | 1111 | 69094000 |
| WIRING | GLIDE-PATH.RADIO.ARN31 | AIR | 83.752 | 325.77 | 31 | .01194 | 63 | 1111 | 69096000 |
| WIRING | REFUELING-SYSTEM | AIR | 83.752 | 325.77 | 31 | .01194 | 63 | 1111 | 69098000 |
| WIRING | FLIGHT-INSTRUMENTS | AIR | 83.752 | 325.77 | 31 | .01194 | 63 | 1111 | 69100000 |
| WIRING | WATER-INJECTION-SYSTEM | AIR | 83.752 | 325.77 | 31 | .01194 | 63 | 1111 | 69102000 |
| WIRING | OIL-SYSTEM.ENGINE | AIR | 83.752 | 325.77 | 31 | .01194 | 63 | 1111 | 69104000 |
| WIRING | COMPASS.M-1 | AIR | 83.752 | 325.77 | 31 | .01194 | 63 | 1111 | 69106000 |
| WIRING | STABILIZER-CONTROL | AIR | 83.752 | 325.77 | 31 | .01194 | 63 | 1111 | 69108000 |
| WIRING | RADAR-BEACON.APN69 | AIR | 83.752 | 325.77 | 31 | .01194 | 63 | 1111 | 69110000 |

PART CLASS 551 WIRE, CABLES AND HARNESSES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .CC N.O.C. | | | | | | | | | |
| WIRING | DISTRIBUTION.DC-POWER-SUPPLY | AIR | 94.3618 | 153.275 | 50 | .08478 | 63 | 1198 | 69112000 |
| WIRING | DISTRIBUTION.DC-POWER-SUPPLY | AIR | 106.666 | 173.262 | 50 | .075 | 63 | 1114 | 69114000 |
| WIRING | DISTRIBUTION.AC-POWER-SUPPLY | AIR | 129.747 | 195.779 | 50 | .08478 | 63 | 1198 | 69116000 |
| WIRING | DISTRIBUTION.AC-POWER-SUPPLY | AIR | 146.666 | 221.308 | 50 | .075 | 63 | 1114 | 69118000 |
| WIRING | DC-POWER-SUPPLY | AIR | 167.504 | 445.753 | 31 | .01194 | 63 | 1111 | 69120000 |
| WIRING | COMPRESSOR-BLEED-SYSTEM | AIR | 167.504 | 445.753 | 31 | .01194 | 63 | 1111 | 69122000 |
| WIRING | AIR-CONDITIONING | AIR | 167.504 | 445.753 | 31 | .01194 | 63 | 1111 | 69124000 |
| WIRING | CRAFT-DISPENSIVE-SET.ALE-1 | AIR | 167.504 | 445.753 | 31 | .01194 | 63 | 1111 | 69126000 |
| WIRING | HYDRAULIC-PRESSURE-DISTRIBUTION | AIR | 167.504 | 445.753 | 31 | .01194 | 63 | 1111 | 69128000 |
| WIRING | ENGINE-PRESSURE-RATIO. ENGINE-INSTRUMENT | AIR | 167.504 | 445.753 | 31 | .01194 | 63 | 1111 | 69130000 |
| WIRING | ENGINE.STARTING-SYSTEM | AIR | 167.504 | 445.753 | 31 | .01194 | 63 | 1111 | 69132000 |
| WIRING | INTERIOR-LIGHTING | AIR | 167.504 | 445.753 | 31 | .01194 | 63 | 1111 | 69134000 |
| WIRING | AUTOPILOT.MA-2 | AIR | 251.256 | | 31 | .01194 | 63 | 1111 | 69136000 |
| WIRING | WIRING | AIR | 251.256 | 559.53 | 31 | .01194 | 63 | 1111 | 69138000 |
| WIRING | AUTOPILOT.MA-2 | AIR | 251.256 | 559.53 | 31 | .01194 | 63 | 1111 | 69140000 |
| WIRING | OMNI-DIRECTIONAL-RADIO.ARN14 | AIR | 251.256 | 559.53 | 31 | .01194 | 63 | 1111 | 69142000 |
| WIRING | MAIN-LANDING-GEAR | AIR | 335.008 | 669.476 | 31 | .01194 | 63 | 1111 | 69144000 |
| WIRING | TIP-PROTECTION-GEAR | AIR | 335.008 | 669.476 | 31 | .01194 | 63 | 1111 | 69146000 |
| WIRING | ASTROCOMPASS.MD-1 | AIR | 335.008 | 669.476 | 31 | .01194 | 63 | 1111 | 69148000 |
| WIRING | TRANSMITTER.ALT-68 | AIR | 335.008 | 669.476 | 31 | .01194 | 63 | 1111 | 69150000 |
| WIRING | ASTROCOMPASS.MD-1 | AIR | 335.008 | 669.476 | 31 | .01194 | 63 | 1111 | 69152000 |
| WIRING | COMPANL-RADIO.ARC-34 | AIR | 335.008 | 669.476 | 31 | .01194 | 63 | 1111 | 69154000 |
| WIRING | EXTERIOR-LIGHT | AIR | 335.008 | 669.476 | 31 | .01194 | 63 | 1111 | 69156000 |
| WIRING | | AIR | 262.318 | 564.184 | 52 | .20552 | 63 | 1247 | 69158000 |
| WIRING | TRACK-RADAR.ASG-15.FIRE-CONTROL-SYSTEM | AIR | 418.76 | 776.775 | 31 | .01194 | 63 | 1111 | 69160000 |
| WIRING | INTERPHONE.AIC-10A | AIR | 502.512 | 812.085 | 31 | .01194 | 63 | 1111 | 69162000 |
| WIRING | SEARCH-RADAR.ASG-15.FIRE-CONTROL-SYSTEM | AIR | 502.512 | 982.085 | 31 | .01194 | 63 | 1111 | 69164000 |
| WIRING | INDICATOR.QUANTITY.OXYGEN | AIR | 502.512 | 882.085 | 31 | .01194 | 63 | 1111 | 69166000 |
| WIRING | RADAR-DATA-PRESENTATION-SET.ASB9 | AIR | 586.264 | 985.837 | 31 | .01194 | 63 | 1111 | 69168000 |
| WIRING | DOPPLER-RADAR-SET.APN-69 | AIR | 586.264 | 985.837 | 31 | .01194 | 63 | 1111 | 69170000 |
| WIRING | IGNITION-SYSTEM | AIR | 586.264 | 985.837 | 31 | .01194 | 63 | 1111 | 69172000 |
| WIRING | GUN-TURRET.FIRE-CONTROL-SYSTEM | AIR | 670.016 | 1088.33 | 31 | .01194 | 63 | 1111 | 69174000 |
| WIRING | ELECTRICAL-DISTRIBUTION-SYSTEM | GRD | 759.493 | 1133.17 | | .0079 | 62 | 1135 | 69176000 |
| WIRING | HI-SPEED-BOMBING-RADAR.ASB-36 | AIR | 1005.02 | 1589.24 | 31 | .01194 | 63 | 1111 | 69178000 |
| WIRING | LIAISON-RADIO.ARC-58 | AIR | 1088.77 | 1587.76 | 31 | .01194 | 63 | 1111 | 69180000 |
| WIRING | BOMBING-NAVIGATION-COMPUTER.ASB9 | AIR | 1172.52 | 1685.76 | 31 | .01194 | 63 | 1111 | 69182000 |
| WIRING | PNEUMATIC-SUPPLY-SYSTEM | AIR | 1423.78 | 1977.06 | 31 | .01194 | 63 | 1111 | 69184000 |
| WIRING | EXHAUST-GAS-TEMPERATURE. ENGINE-INSTRUMENT | AIR | 1591.28 | 2169.39 | 31 | .01194 | 63 | 1111 | 69186000 |
| WIRING | FIRE-DETECTION-SYSTEM | AIR | 2412.56 | 3208.26 | 31 | .01194 | 63 | 1111 | 69188000 |
| WIRING | FUEL-INDICATOR-SYSTEM | AIR | 14824.1 | 18356.6 | 31 | .01194 | 63 | 1111 | 69190000 |
| WIRING.AC-CONTROL | | AIR | 83.752 | 365.77 | 31 | .01194 | 63 | 1111 | 69192000 |

PART CLASS 451 WIRE, CABLES AND HARNESSES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .1% N.B.C. | | | | | | | | | |
| WIRING.BETWEEN-EQUIPMENT | | LAB | .015 | | | | 63 | 1138 | 69194000 |
| WIRING.GROUND.STATIC | LANDING-GEAR.MAIN | AIR | 531.041 | 561.241 | 1194 | 1.0357 | 67 | 1272 | 69196000 |
| WIRING.GROUND.STATIC | LANDING-GEAR.MAIN | AIR | 546.95 | 615.133 | 946 | .22854 | 65 | 1228 | 69198000 |
| WIRING.GROUND.STATIC | LANDING-GEAR.MAIN | AIR | 598.904 | 680.983 | 812 | .17532 | 64 | 1179 | 69200000 |
| WIRING.GROUND.STATIC | AUXILIARY-SYSTEM | AIR | 1521.58 | 1650.31 | 100 | .16956 | 63 | 1198 | 69202000 |
| WIRING.GROUND.STATIC | AUXILIARY-SYSTEM | AIR | 1731.54 | 1874.03 | 100 | .169 | 63 | 1114 | 69204000 |
| WIRING.GROUND.STATIC | AUXILIARY-SYSTEM.RADIO-NAVIGATION | AIR | 1825.38 | 2051.81 | 96 | .04944 | 65 | 1227 | 69206000 |
| WIRING.GROUND.STATIC | AUXILIARY-SYSTEM | AIR | 2872.11 | 3013.02 | 100 | .25382 | 65 | 1198 | 69208000 |
| WIRING.GROUND.STATIC | AUXILIARY-SYSTEM.RADIO.NAVIGATION | AIR | 3780.69 | 4073.5 | 152 | .08226 | 66 | 1250 | 69210000A |
| WIRING.GROUND.STATIC | AUXILIARY-SYSTEM | AIR | 4147.72 | 4351.21 | 254 | .176 | 63 | 1114 | 69212000 |
| WIRING.GROUND.STATIC | AUXILIARY-SYSTEM | AIR | 4580.64 | 5113.44 | 136 | .031 | 63 | 1114 | 69214000 |
| WIRING.GROUND.STATIC | AUXILIARY-SYSTEM | AIR | 5873.5 | 6081.82 | 200 | .23274 | 65 | 1198 | 69216000 |
| WIRING.HARNESS | POWER-UNIT.ENGINE-CONTROL | AIR | * | 4.93598 | 200 | .50763 | 65 | 1198 | 69218000 |
| WIRING.HARNESS | POWER-UNIT.ENGINE-CONTROL | AIR | * | 4.94672 | 400 | .46548 | 65 | 1198 | 69220000 |
| WIRING.HARNESS | CONTROL.PROPELLER-ASSEMBLY | AIR | * | 4.94672 | 400 | .46548 | 65 | 1198 | 69222000 |
| WIRING.HARNESS | CONTROL-PCR.GAS-TURBINE-COMPRESSOR.AUXILIARY-POWER-PLANT | AIR | * | 19.78 | 100 | .11637 | 65 | 1198 | 69224000 |
| WIRING.HARNESS | LEICING-EQUIPMENT.PROPELLER-ASSEMBLY | AIR | * | 4.94672 | 400 | .46548 | 65 | 1198 | 69226000 |
| WIRING.HARNESS | FEATHER-PUMP.PROPELLER-ASSEMBLY | AIR | * | 4.94672 | 400 | .46548 | 65 | 1198 | 69228000 |
| WIRING.HARNESS | FEATHER-SOLENOID.PROPELLER-ASSEMBLY | AIR | .537086 | 2.0891 | 1600 | 1.8619 | 65 | 1198 | 69230000 |
| WIRING.HARNESS | IGNITION/ELECTRICAL-SYSTEMS | AIR | 4.29674 | 11.434 | 200 | .46548 | 65 | 1198 | 69232000 |
| WIRING.HARNESS | GAS-TURBINE.COMPRESSOR.AUXILIARY-POWER-PLANT | AIR | 8.59328 | 33.4252 | 100 | .11637 | 65 | 1198 | 69234000 |
| WIRING.HARNESS | POWER-UNIT.ENGINE-CONTROL | AIR | 17.6928 | 31.0571 | 200 | .33912 | 63 | 1198 | 69236000 |
| WIRING.HARNESS. THERMOCOUPLE.PR.LD | | AIR | 15.0923 | 23.6584 | 1716 | 1.9945 | 65 | 1201 | 69238000 |
| WIRING.HARNESS. THERMOCOUPLE.PR.LD | | AIR | 27.6946 | 47.1692 | 800 | .75627 | 65 | 1201 | 69240000 |
| WIRING.HARNESS. THERMOCOUPLE.PR.LD | | AIR | 31.0365 | 45.3228 | 244 | .36622 | 65 | 1201 | 69242000 |
| WIRING.HARNESS.POWER | INSTRUMENT-BOARD | AIR | * | 7.80251 | | .25511 | 63 | 1123 | 69244000 |
| WIRING.HARNESS.POWER | BALAR-SYSTEM | AIR | * | 12.1368 | | .18972 | 63 | 1123 | 69246000 |
| WIRING.HARNESS.POWER-THERMOCOUPLE | | AIR | * | 5.9275 | | .38846 | 63 | 1123 | 69248000 |
| WIRING.HARNESS.TC | ENGINE-CONTROL | AIR | * | 4.94672 | 400 | .46548 | 65 | 1198 | 69250000 |
| WIRING.HARNESS.TC | ENGINE-CONTROL | AIR | 1.90593 | 7.66247 | 200 | .50733 | 65 | 1198 | 69252000 |
| WIRING.HARNESS.TC | ENGINE-CONTROL | AIR | 295.495 | 298.667 | 200 | .33912 | 63 | 1198 | 69254000 |
| WIRING.HARNESS.THERMOCOUPLE | ENGINE-EXHAUST-TEMPERATURE | AIR | 10.6073 | 186.451 | | .04469 | 63 | 1123 | 69.561 00A |
| WIRING.HARNESS.THERMOCOUPLE | ENGINE-EXHAUST-TEMPERATURE | AIR | 152.068 | 222.957 | 240 | .0955 | 63 | 1111 | 69258000 |
| WIRING.HARNESS.THERMOCOUPLE | ENGINE-CONTROL | AIR | 184.052 | 217.59 | 400 | .46548 | 65 | 1198 | 69260000 |
| WIRING.HARNESS.THERMOCOUPLE | ENGINE-CONTROL | AIR | 3[illegible].727 | 345.79 | 200 | .33912 | 63 | 1198 | 69262000 |
| WIRING.HARNESS.THERMOCOUPLE | ENGINE-CONTROL | AIR | 5[illegible]1.552 | 598.316 | 200 | .50783 | 65 | 1198 | 69264000 |
| WIRING.HOOK-UP | | AIR GND | .0001 | | | | 63 | 1096 | 69266000 |
| WIRING.LEAL.FLEXIBLE | | AIR AIR | * | 733.382 | 6 | .00314 | 64 | 1181 | 69268000A |

SECTION I FAILURE RATE DATA

PART CLASS 951 WIRE, CABLES AND HARNESSES

| PART DESCRIPTION | FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .16 COPPER | | | | | | | | | |
| WIRING.NYLON-MULTIPLE-STRAND-SLEEVED. UNSHIELDED.FLEXIBLE | | GRD | * | 508.3 | 6 | .00023 | 65 | 1177 | 69270000A |

| PART CLASS / PART DESCRIPTION | SEC YOKES / FUNCTIONAL APPLICATION | ENVIRONMENT | FAILURE RATE | UPPER 90 CONF LIMIT | PART POPULATION | PART HOURS | YR OF RPT | DATA SRCE | CROSS INDEX REF NO |
|---|---|---|---|---|---|---|---|---|---|
| .00 N.E.C. | | | | | | | | | |
| | STATIC-LINE.AIR-DROP-SYSTEM | AIR | * | 93.1472 | 48 | .02472 | 65 | 1227 | 69272000 |
| | STATIC-LINE.AIR-DROP-SYSTEM | AIR | * | 55.9834 | 76 | .04113 | 66 | 1250 | 69274000 |
| | COMP-GUN | GRD | ZOR | 39.9677R | 4 | .2R | 64 | 1134 | 69276000 |