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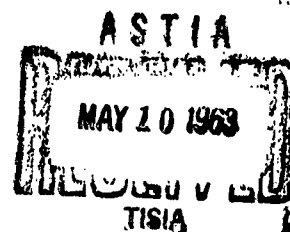
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REFERENCES

1. D2-6385, "Minuteman Facilities Design Criteria for Strategic Missile Support Base," dated 5-3-62.
2. D2-6951, "Maintenance Ground Equipment System Specification," dated 1-1-63.
3. D2-6952, "Operational Ground Equipment System Specification," dated 1-1-63.
4. D2-7665, "WS-133A Minuteman Facilities Design Criteria for the Strategic Missile Support Area (SMSA) Malmstrom Air Force Base Supplement," dated 2-10-61
5. Maintenance Vehicle MGE Loading Meeting No. AP-0167 dated 7-17-62.
6. Wing III Preliminary Maintenance Loading Review, September 13-14, 1962.
7. Letter 2-1161-200 dated 7-2-62, Boeing to BSD(BSQA); Contract AFO4(647)-289, -757, -714, etc. Subject: "MIL-D-9412-C Analysis, Furnishing of Non-Figure A Items of Equipment".
8. Letter 2-1165-225 dated 2-13-62, Boeing to BSD; Contract AFO4(647)-289, WS-133A. Subject: "Identification of Government Furnished Property".
9. Letter BSQM/4243 dated 10-17-62, BSD to Boeing. Subject: "WS-133 Non-Figure A Equipment"
10. Wing III Final Maintenance Loading conference at Boeing (Seattle), dated 1-23-63.

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1.0

PURPOSE

1.1

The purpose of this document is to identify and to recommend quantities for "non-Figure A" items of equipment and materials which will be required by the Air Force for base support of the Minuteman Program at Malmstrom Air Force Base, as determined by:

- a) the functional and maintenance analyses for Wing I (references 2 and 3, page 1.4)
- b) the maintenance vehicle loading requirements (reference 5, page 1.4)
- c) the SMSB facilities design criteria (references 1 and 4, page 1.4)
- d) the technical orders for Wing I

1.2

The non-Figure A items listed herein are identified by Federal Stock Number (FSN) and/or equivalent commercial part number. In instances where items could not be identified by either a Federal Stock Number or a commercial part number, all available information was included for Air Force determination in furnishing these items for Malmstrom Air Force Base.

2.0

SCOPE

2.1

In accordance with the instructions contained in letter BSQM/4243 (reference 9, page 1.4), the scope of this document is limited to identifying and recommending quantities for standard equipment and materials which are specified in the technical orders and in references 1 through 5 herein as "non-Figure A" items. This document will be updated as required to reflect new, changed and/or deleted non-Figure A equipment resulting from CCP/ECP changes to the analyses and technical orders.

2.2

By prior agreement with BSD, non-powered common hand tools are not identified herein, unless a requirement for a specific hand tool exists.

2.3

Quantities for expendable equipment and materials are shown herein as "Exp".

2.4

This document does not authorize procurement of any equipment or materials listed herein. The equipment and materials shall be furnished by the Air Force as noted in paragraph 2.II of letter 2-1161-200, and in accordance with the provisions of the Wing III Final Maintenance Loading Conference (reference 10, page 1.4). Boeing will not procure any of the items listed herein unless specifically directed by the Contracting Officer.

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Non-Figure A Equipment Requirements from Forms B, C, and C₁
and Technical Orders

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FSC: Adhesive, Rubber

D2-6951:

T.O.: Adhesive

Manufacturer:

Quantity: Exp. 

Item Description/Remarks:

1. MIL Spec MIL-A-5042A Type III

 One quart can

PSN: 8040-515-2250(BP)

P/N:

Fed. Code:

Requirement Origin

21SM80A-2-19

Maintenance Function

Attach rubber and metal

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PSC: Adhesive, Wood

D2-6951:

T.O.:

Manufacturer:

Quantity: Exp.

Item Description/Remarks:

FSN: 8040-66 2-9752(BP)

P/N:

Fed. Code:

1. Weather-proof liquid cement for use on wood work; one pint can

Requirement Origin

12-4047-12.13

Maintenance Function

A means to repair:

Joints of wrench carrying case

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FSC: Air Conditioner

D2-6951: Air Conditioner, Trailer Mounted

T.O.: _____

Manufacturer: Military Specifications

Quantity: 2

Item Description/Remarks:

FEN: 4120-684-6125

P/N:

Fed. Code: 81349

1. Trailer mounted; air cooled condenser, designed for Freon 12 or 22; open type compressor; gasoline engine powered; 82,500 BTU per hour, 540 to 1070 cfm nominal cooling capacity; 230,000 BTU per hour nominal heating capacity; Mil. Spec. MIL-A-26824B; Type A/M32C-3
2. Hauled to site by Figure A 4031, Mechanical Maintenance Truck.

Requirement Origin

2.0(25-18837)-2.2

Maintenance Function

Replace fresh environmentally controlled air in one hour, in Launch Tube Equipment Room if dangerous gas concentration exists.

(13,900 cu. ft. per hour)



FSC:

D2-6951: Aircraft C-133B & Supporting Elements

T.O.:

Manufacturer:

Quantity: 1

Item Description/Remarks:

FSN:

P/N:

Fed. Code:

▶ As required to support program requirements

Requirement Origin

6.0-(25-18804)-6.2
-6.4

15.0(25-18804)-15.0
-15.1

21-SM80A-2-2

Maintenance Function

Transfer of SSCBM

Prepare for transfer of SSCBM

FSC:

D2-6951: Aligning Tool, Clutch Plate

T.O.:

Manufacturer: Kent-Moore Organization, Inc. Warren, Michigan

Quantity: To be determined by SAC/ECJ/CCAMA

Item Description/Remarks:

FSN: -

P/N: J-6307

Fed. Code: 33287

1. Clutch Aligning tool (Series 7000 up)

Requirement Origin

12.0-4075-69.9

Maintenance Function

Align drive gear shaft to pilot bearing

FSC:

D2-6951: Led Plate Compound No. 250

T.O.: Anti-Sieze Compound

Manufacturers: Armite Laboratories, Los Angeles, California

Quantity: Exp.

Item Description/Remarks:

 Led-Plate No.250

FSN:

P/N:

Fed. Code: 84180

Requirement Origin

Maintenance Function

12.0-1278-8.4

Install inner sleeve, Splice cases

12.0-1339-25.2

21SM80A-2-20

Used to seal threads on plastic connections

FSC:

D2-6951: Assembly Wiring Diagram

T.O.:

Manufacturer:

Quantity: 1

Item Description/Remarks:

PSN:

P/N:

Fed. Code:

1 Assembly wiring diagrams will be provided in the applicable Technical Order.

Requirement Origin

11-1373-2.5

-4.7

11-1374-2.5

-4.7

11-4445-4.6

-7.7

Maintenance Function

To accomplish cable bundle assembly test, installation and removal

REVISED A

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FSC: Auger, Pipe and Sewer

FSN: 5120-293-3340 (B)

D2-6951: Auger, Pipe and Sewer, Hand

P/N: B-HD756

T.O.:

Fed. Code:

Manufacturers: Erickson

Quantity: 2

Item Description/Remarks:

1. Crawl head drain cleaner; heavy duty, multipurpose; 14" dia. drum, mounted on metal stand; cable, 7/16" dia. x 75 feet long (three sections)

Requirement Origin

Maintenance Function

11-1210-6.6

Means to remove obstructions in sewer lines

47

47560 A

BOEING VOL
SEC

NO D2-13961
PAGE 9



LA

FSC: <u>Bag, Lineman's Tool, Round</u> D2-6951: T.O.: <u>Lineman's Tool Bag</u> Manufacturer: Quantity: <u>30</u> Item Description/Remarks: 1. 12 in. dia., 16 in. length 2. W. G. Salisbury, No. 30 or equivalent		PSN: 5140-288-7763 (BF) P/N: Fed. Code:
Requirement Origin 21SM80A-2-20	Maintenance Function Carry linemen's tools	

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FSC: Bag, PaperD2-6951: Container, Disposable

T.O.: _____

Manufacturer: _____

Quantity: EXP.

Item Description/Remarks:

PSN: 8105-281-1479 (BP)

P/N: _____

Fed. Code: _____

Fed. Spec. UU-B-36e

2. 25 lb paper bag, grocer's Kraft paper, popular weight.

▷ Std. Pack: 1000 bags per bale

Requirement Origin

12.0-4115-98.13
-105.14

Maintenance Function

Repair overheat sensor
Repair insulation

bh

PSC: Bag. Plastic

D2-6951:

T.O.:

Manufacturer: Air Logistics Corp. Pasadena, Calif.

Quantity: Exp.

Item Description/Remarks:

PSN: 8105-801-8539

P/N: 106615

Fed. Code: 01413

Requirement Origin

Maintenance Function

11-4043-16.4

A means is required to protect pendant during storage

11-4059-64.1

A means is required to use bags with hot or cold water in them to test environmental control system

12.0-4063-44.4

Lower sensor temperature when ambient temperature is above 65°F

-8.6

Provide heat source and heat sink to check opening and closing of the switch. Temperature range: 50°F to 90°F

12.0-4075-35.2

Provide heat source and heat sink for temperature indicating system

-38.3

36A12-24-3-1

3503-11-25-1



05
FSC: Bar, Extension
D2-6951: Metal Straps
T.O.: Bonding Straps
Manufacturer:
Quantity: 100 rolls
Item Description/Remarks:

PSN: 5340-820-0468(BP)
P/N:
Fed. Code:

Perforated strapping. 22-gage galvanized band steel. 3/4 inch width

Requirement Origin

12.0-1226-3.2
21SM80A-2-20

Maintenance Function

Form and Strap Cable
Attach cable to redwood

1-5

PSC: _____ D2-6951: Bar, Pinion Flange and Yoke Holding T.O.: _____ Manufacturer: Kent-Moore Organization Inc., Warren, Michigan Quantity: To be determined by SAC/SDD/CCMA Item Description/Remarks: _____		FSN: NONE P/N: J-3453 Fed. Code: 33287
Requirement Origin 12.0-4075-73.15	Maintenance Function Tighten pinion shaft yoke nut	

5-



FSC:

D2-6951: Bar Pry, nutplate removal

T.O.:

Manufacturer: Raynar Mfg. Co. Pico-Riviera, Calif.

Quantity: 12

Item Description/Remarks:

PSN: -

P/N: M19341-5

Fed. Code: 75237

Requirement Origin

2.0(II SK 25-22294)
Sheet 1 - 2.2.1.2

2.0(25-22294)-
2.2.3.2

3.0(25-22294)-3.14

4.0(25-22294)-4.30

21-SM80A-2-8

Maintenance Function

Used during premating electrical check of programmer group

Pry nuts from nut plate channel on G&C section if defective

Prepare mechanical interfaces for mating

Prepare mechanical interfaces for mating

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PSC: Bar, Wrecking

D2-6951: Bar, Pry

T.O.: Pry Bar

Manufacturer:

Quantity: 5

Item Description/Remarks:

PSN: 5120-257-0303

P/N:

Fed. Code:

1. Spec. GGG-B-101, Type V, Class I, Style B

2. Length: 43 in, Diameter: 1 1/8 in.

Requirement Origin

12-1337-17.5

-18.6
12-1367-37.13

21SM80A-2-11

Maintenance Function

A means is required to assist the removal and installation of the safe and arm module from the distribution box thru application of a vertical force.

A means is required to open the space between the coupling halves in order to remove coupling disc

Align d-c motor generator and a-c motor generator

15
FSC: Barrier, Material

D2-6951: Packaging Materials

T.O.:

Manufacturer:

Quantity: Exp.

Item Description/Remarks:

PEN: 8135-282-0565 (BP)

P/N:

Fed. Code:

1. Spec. MIL-B-131B.

2. Heat Sealable, flexible, water vapor proofed material.

3. Size: 36" wide, 200 yard roll

▷ Also: Protective Cover

Requirement Origin

Maintenance Function

A requirement for a protective cover to shield from dust and moisture:

I-11-1214-8.16

-28.8

I-11-1243-63.3

-64.7

I-11-1246-5.8

-39.4

I-11-1248-5.8

-11.4

-35.4

-38.14

I-11-4043-26.3

-26.7

-4.9

I-11-4012-12.3

I-1320-(1)

I-1304-(1)

I-1306-(1)

I-1251-(1)

I-1265-(1)

I-1363-(1)

I-1361-(1)

I-1303-(1)

I-1307-(4)

I-1341-(1)

I-1213-(1)

I-1228-(1)

I-1228-(1)

I-4160-(4)

I-1343-(1)

Unit

Pumping Assembly

Amplifier, Power Monitor

Amplifier, Telephone Repeater

Cable Assemblies

Umbilical Cable Assembly

Drum Assembly

Hoist Motor

Jack Box, J-1311/GTC-B

Board Assembly

Board Assy, Terminal Amplifier

Jack Box, J-1308/GTC-8

Telephone TA-466/GTC-8

Board Assy, Line Amplifier

Board Assy Data Transmit

Jack Box J1310/GTC-8

Jack Box J1309/GTC-8

Signal Oscillator

Signal Detector

Amplifier Telephone Repeater

Signal Oscillator

Amplifier Power

Telephone TA467/GTC-8

Board Assy, Line Amplifier

Board Assy Input Detector

Board Assy, 2 input gate

Wire Wrap, Tool Electric

Power Supply Assy, Stripper, Wire

Pull Test Assy

Mech, Force Gages & Accessories

Telephone 462/GTC-8

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FSC: Battery, Dry

D2-6951: Battery

T.O.:

Manufacturer:

Quantity: EXP

Item Description/Remarks:

FSN: 6135-100-0420

P/N:

Fed. Code:

1. Rectangular shape with rounded corners
2. 8-1/2 inch long x 4 inch wide, 6-17/32 inch high over all dimensions
3. 9V total voltage, 2 binding post type terminals
4. Spec JAN-B-18A, type no. BA-206/U

Requirement Origin

12-1339-(1)

Maintenance Function

Provide electrical supply to Fig. A 4343 for Varley Loop Test

CCP 901

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FSC: <u>Battery Filler Syringe</u> D2-6951: _____ T.O.: <u>Acid Pump</u> Manufacturer: _____ Quantity: <u>6</u> Item Description/Remarks:		FSN: 614,0-504-1296 P/N: _____ Fed. Code: _____
1. Overall dim. 11 5/8" 3" diameter bulb 5/16" diameter nozzle Also: Squeeze bulb		
Requirement Origin D2-13608-2, Vol. II 21-SM80A-2-11	Maintenance Function Transfer acid from carboy to plastic container Syphon off overfill in well	

FSC: Belt, Safety, Industrial

D2-6951: (Industrial Safety Belt) (Safety Belt)

T.O.:

Manufacturer: Miller Equipment Co. Inc. Franklin, Pennsylvania

Quantity: 70

Item Description/Remarks:

PSN: 4240-595-0617

P/N: 3NTSPH

Fed. Code: 85701

1. Adjustable waist: 33in to 44 in., neoprene, impregnated cotton webbing, with non-sparking hardware.

(Cont'd on following page)

Requirement Origin

Maintenance Function

3.0(25-18837)-3.4
5.0(25-18837)-5.2
2.0(IISK 25-22294)
Sheet 1-2.2.1.2
2.0(IISK 25-22294)
Sheet 1 -2.2.2.1
2.0(IISK 25-22294)
Sheet 1-2.4.1
1.0(IISK 25-22294)
Sheet 1 -1.2.4
-1.2.5
-1.2.6
-1.3.2
-1.3.4
2.0(IISK 25-22294)
Sheet 2-2.1.5.2
-2.2.8
2.0(25-22294)-
2.2.1
-2.2.3.2
3.0(25-22294)-3.14
4.0(25-22294)-4.20.1
-4.20.3
12-1318-5.1
-6.2
12-1217-2.2
-14.2
12-1327-2.1
-2.2
-3.3
-19.1
-19.2

Protect personnel during operation of following maintenance functions.
Prepare to place work cage on launch access door

Remove elevator and work cage from launch tube access door.

Permit electrical check of programmer group

Position R/V MGE for placement in R/V GC Semitrailer

Position personnel and equipment for R/V removal

Remove spacer access door from R/V and disconnect re-entry vehicle electrically
Verify re-entry vehicle electrical malfunction
Emplace re-entry vehicle handling equipment
Remove re-entry vehicle from missile and stow in semitrailer
Reactivate elevator and work cage

Position R/V MGE for placement in R/V-GC semitrailer
Prepare re-entry vehicle and MGE for mating

Permit electrical check of programmer group
Prepare mechanical interfaces for mating
Re-install elevator and work cage from equipment room
Remove elevator and work cage from launch tube and stow in equipment room
Provide safety equipment for personnel removing hoses

Safety protection for personnel about Launch Tube

Protect personnel working on pole or building mounted floodlights.

85

FSC: Belt, Safety, Industrial

D2-6951: (Industrial Safety Belt) (Safety Belt)

T.O.: _____

Manufacturer: Miller Equipment Co. Inc. Franklin, Pennsylvania

Quantity: _____

Item Description/Remarks:

FSN: 4240-595-0617

P/N: 3NTSPH

Fed. Code: 85701

1. Adjustable waist: 33 in to 44 in., neoprene, impregnated cotton webbing, with non-sparking hardware.

(Cont'd from preceding page)

Requirement Origin

Maintenance Function

21-SM80A-2-8
21-SM80A-2-10
D2-13608-1 Vol. IV
I-25-18834

Close Launcher Closure (Area Location L)

R

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55

FSC: Bolt, Eye

D2-6951: Eyebolt

T.O.:

Manufacturer: Hathon Mfg. Co., Cincinnati, Ohio

Quantity: 50

PSN: 5306-812-4090

P/N: RH2CE

Fed. Code: 03465

Item Description/Remarks:

1. Class 2A thd. or Class 2 fit. 3/4-16 in., UNF or NF, Steel
2. 1,000 in. max. long thd.; 1.50 in., nom. breadth of eye 2.38 in. nom. length from thd. end to furthest point inside eye, 0.751 in. min. 0.753 in. max. i.d. of eye, 1.0 in. max. lg of shank, 2.750 in average-all lg, 1.000 in. min, 1.010 in. max. thk. of eye

Requirement Origin

12-1209-10.1

Maintenance Function

Use to remove Sump Cover plate

60

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07
FSC: Bolt, Eye

D2-6951: Eye Bolts

T.O.:

Manufacturer:

Quantity: 60

Item Description/Remarks:

FSN: 5306-825-1942

P/N:

Fed. Code:

0.750 in. thd lg; 2.813 in. nom lg from thd end to furthest point inside eye, 1.375 in. nom id of eye, 1.000 nom lg of shank 3.250 in. nom lg overall, 0.437 in. nom thk of eye stock; special features plating 0.0002 in. thk (Steel, cad plate)

Requirement Origin

J-11-1379-(1)

Maintenance Function

Handle battery charger from equipment room access passage through shaft to truck bed

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FSC: <u>Bottle, Screw Cap</u> D2-6951: T.O.: <u>Small Vials</u> Manufacturer: Quantity: <u>Exp.</u> Item Description/Remarks:		P/N: 8125-598-2638 P/N: Fed. Code:
1. Round; polyethylene; 1 pt. capacity; over-all dim. 3-1/8 in. dia., 6-1/4 in. high, neck size for 28 nm screw type cap, with plastic screw cap.		
Requirement Origin 21SM80A-2-19	Maintenance Function Sample hydraulic oil	

29

FSC: Bottle, Screw Cap		FSN: 8125-174-0852
D2-6951:		P/N:
T.O.: Container		Fed. Code:
Manufacturer:		
Quantity: 50		
Item Description/Remarks:		
1. 1 gallon capacity, 5 2/3 in. dia. x 13 9/16 in. wide No. 1 cap size		
Requirement Origin	Maintenance Function	
21SM80A-2-6	Remove coolant from missile	

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4W560 A

FSC:

D2-6951: Brooms

T.O.:

Manufacturer:

Quantity: Exp.

Item Description/Remarks:

FSN:

P/N:

Fed. Code:

▷ Composed of the following:

Broom, Whisk, FSN 7920-292-4364 (BP)

Broom, Push, FSN 7920-267-2967 (BP)

Handle, Wood, FSN 7920-101-5452 (BP)

Broom, Upright, FSN 7920-292-4370 (BP)

▷ Fed. Spec. H-B-101a; Std. Pack: 12 and 144

▷ Fed. Spec. H-B-071a; Std. Pack: 6

▷ Fed. Spec. H-B-071a; Std. Pack: 12 and 36

Requirement Origin

Maintenance Function

2.0(25-18804)-2.4

12-1294-2.1

12-1217-2.1

12-1331-2.2

I-25-18834-(1)

Remove environmental covers after closing launcher closure

Used on Switch, sensitive of Alarm Set Anti-intrusion
Restricted Area

Clean sliding door and retraction area

Remove sand, dirt, or snow from top of access hatch and
security pit cover

Obtain clean Launcher Closure

▷ Fed. Spec. H-B-56; Std. Pack: 12

FSC: Brush, Artists

D2-6951: Brush, Paint

T.O.: _____

Manufacturer: _____

Quantity: Exp.

Item Description/Remarks:

P/N: 8020-240-6362(89)

P/N:

Fed. Code:

1. Sign writing, flat chisel edge, 1/4" x 3/4" ox hair bristle; MIL Spec.
MIL-B-3792

Requirement Origin

12-1241-12.13

Maintenance Function

Used to paint 1-inch increments on actuator rod, 0 at pointer and extend to 3-inches in both directions.

59
FSC: Brush, Dusting
D2-6951: Brush, Soft Bristle
T.O.: Cleaning Brush

PSN: 7920-292-4365(BF)
P/N:
Fed. Code:

Manufacturers:
Quantity: Exp.

Item Description/Remarks:

1. Fed. Spec. H-B-00712a
2. 6/pack

▷ Also: Brush, Cleaning

Requirement Origin

1.0(25-22294)-1.6
3.0(25-22294)-3.17.1
12.0-1447-7.5

12.0-1207-5.4
21SM8QA-2-5
33D9-17-26-1

Maintenance Function

Clean connectors prior to:
a. Connecting G&C and skirt umbilicals to missile
b. Connecting G&C umbilical to missile
Clean air compressor intake filter air compressor relief
valve, and refrigerator condenser
Remove dust from refrigerator compressor.
Clean Loose dirt from cabinets
Clean console test set

97

FSC: <u>Brush, Paint</u> D2-6951: <u>Brush</u> T.O.: _____ Manufacturer: _____ Quantity: <u>Exp.</u> Item Description/Remarks:		FSN: 8020-260-1301(BP) P/N: _____ Fed. Code: _____
1. Spec. No. H-B-695c 2. Width: 2 1/2 in., Length 2 5/8 in.		
Requirement Origin 12.0-1278-2.1 -8.4 12.0-1226-4.2 12.0-1339-26.2 12.0-4263-2.4 12.0-4115-98.13 -105.14 12-3022-2.1 12-3048-2.4 -3.8	Maintenance Function Apply soap solution to: Splicing case assembly and components Splice case Splice case Load coil assembly Repair post and chain assembly Repair over heat sensor Repair insulation A means of applying: Paint	

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FSC: <u>Brush, Paint</u> D2-6951: T.O.: <u>Paint Brush</u> Manufacturer: Quantity: <u>Exp.</u> Item Description/Remarks: 1. Fed. Spec. H-B-420B, Grade AA 2. 3 in. Nylon bristle; std pack, 6 and 72		FSN: 8040-685-5395(RP) P/N: Fed. Code:
Requirement Origin D2-13608-2, V IV	Maintenance Function Apply molydenum di-sulfide to ring seal surface	

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69

FSC: Brush, Tooth

D2-6951:

T.O.: Stiff Brush

Manufacturer:

Quantity: Exp.

Item Description/Remarks:

1. Fed. Spec. H-B-671a
2. Straight Trim, plastic bristle

FSN: 8530-290-2920(RP

P/N:

Fed. Code:

Requirement Origin

21SM80A-2-11

Maintenance Function

Clean filter screen

65

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QL

FSC: Brush, Wire Rotary, Wheel

D2-6951:

T.O.: Portable Wire Brush

Manufacturer:

Quantity: 30

Item Description/Remarks:

1. Outside Diameter: 6 in., Inside Diameter: 1/2 in., Width: 7/8 in., Arbor hole, 0.005 in Brass Wire.

FSN: 5130-293-1987

P/N:

Fed. Code:

Requirement Origin

12-1326-14.2
-15.4

D2-13608-2, V. IV

Maintenance Function

Clean mounting area to insure electrical conductivity

Clean surface replacing weather seal

20

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FSC: <u>Brush, Wire, Scratch</u>		FSN: <u>7920-262-8602(59)</u>
D2-6951: <u>Brush, Wire</u>		P/N:
T.O.: <u>Wire Brush</u>		Fed. Code:
Manufacturer: _____		
Quantity: <u>Exp</u>		
Item Description/Remarks:		
1. Spec. No. H-B-178 Type IV		

Requirement Origin	Maintenance Function
12.0-4263-4.4	Repair post and chain assembly
12.0-4115-98.13	Clean while repairing over heat sensor
-105.14	Clean while repairing insulation
21SM80A-2-20	Clean cable during depotting

2

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FSC: <u>Cabinet Storage</u>		FSN: <u>7125-286-7344 (BF)</u>
D2-6951: <u>Storage Cabinet</u>		P/N:
T.O.:		Fed. Code:
Manufacturer: _____		
Quantity: <u>6</u>		
Item Description/Remarks:		
1. 75" H x 36" W x 24" D; 6 adj. shelves, 4 doors with lock		
2. Used in SMSB Electronics Maintenance Facility		

Requirement Origin	Maintenance Function
11-3092-5.3	To provide a means of storing: Punch cards

R

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2

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FSC: <u>Cabinet Storage</u> D2-6951: <u>Storage Cabinet</u> T.O.: _____ Manufacturer: _____ Quantity: <u>2</u> Item Description/Remarks:		FSN: <u>1</u> P/N: _____ Fed. Code: _____
<u>1</u> Local SATAF to design and procure per (a) AFPR letter RWRSSSE/Lt. Col. Johnson/5-0158 dated 1-25-63 to SATAF MAFB (b) AFPR letter RWRSSSE/Lt. Col. Johnson/5-0158 dated 1-25-63 to BSD(BSQR)NAFB <u>2</u> To be determined by BSD/SAC/OOAMA		
Requirement Origin 11-4018-2.1 -5.3 -28.5 -58.5 -107.5 -149.6 -214.6 -256.6	Maintenance Function To provide a means of storing: Control Boards, Program Tapes	

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HL

FSC: <u>Can, Trash</u> D2-6951: <u>Can, Ash and Garbage LCC</u> T.O.: _____ Manufacturer: <u>LCC</u> Quantity: <u>4 packs</u> Item Description/Remarks: (1) 32 gal. capacity (2) Gray plastic		YSN: 7240-819-7735(BP) P/N: 365 Fed. Code:
Requirement Origin 25-18771-6	Maintenance Function Provide for food waste and container disposal	

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FSC:

D2-6951: Carboy, 10 gallon, distilled H₂O

T.O.:

Manufacturer: Flax Corp., Hartford, Connecticut

Quantity: 1

Item Description/Remarks:

1: 13 gallon plastic Carboy

FSN:

P/N: 9300

Fed. Code: 74176

Requirement Origin

12.0-4150-2.3

Maintenance Function

Replenish coolant in coolant storage tank

FSN: 2320-833-2069

P/N: 4 T 8W

Fed. Code: 05924

Manufacturer: Utah Scientific Research Foundation, Logan, Utah

Quantity: 4

[illegible]

1. Inclosed all-metal body.
2. Cargo compartment dim; 142 in. long, 94 in. wide, 87 in. high
3. Tracks 62 in tread wide, 27 1/2 in. wide track, 90 1/2 in. long track on ground.
4. Winterized.

Reference: Letter to BSD from TBC 2-6330-01-23 dated 3-22-63
CCP 901

Requirement Origin

Maintenance Function

25-14805

Used during inclement weather to support cable maintenance activities.

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FSC: <u>Carrier, Storage Battery</u> D2-6951: <u>Strap, Battery</u> T.O.: _____ Manufacturer: _____ Quantity: <u>5</u> Item Description/Remarks: 1. Hand battery carrier, strap-type; 17-1/2" strap length		FSN: 5120-223-8455(BP) P/N: Fed. Code:
Requirement Origin 12-1323-41.9 12-1329-34.8 12-1415-3.5	Maintenance Function A means to lift and transport batteries	

5L

FSC: _____
 D2-6951: Cement
 T.O.: _____
 Manufacturer: Minnesota Mining and Mfg. Co. St. Paul, Minn.
 Quantity: Exp. _____
 Item Description/Remarks:

PSN: -
 P/N: EC1128
 Fed. Code: 76381

Requirement Origin

12-4025-2.2

Maintenance Function

A requirement exist for repairing damage to the plastic case.



08

FSC: Cement, Iron and Steel

D2-6951: Cement, Metal Bond

T.O.:

Manufacturer:

Quantity: Exp. >

Item Description/Remarks:

1. Spec. MIL-C-1219A ; 8 oz. container

2. Iron Cement for use on metal. Expands slightly as it hardens.

> Std. Pack: 12 containers

FSC: 8030-664-6028 (BH)

P/N:

Fed. Code:

Requirement Origin

Maintenance Function

12.0-4069-3.11

Secure bolts to clamps

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FSC: Chalk, Marking		FSN: 7510-283-0619 (BP) P/N: Fed. Code:
D2-6951: Dust, Chalk		
T.O.:		
Manufacturer:		
Quantity: Exp. 1		
Item Description/Remarks: ▶ 1 oz. package, Std. Pack: 12 packages		
Requirement Origin 12-1326-4.5	Maintenance Function Means of checking contact areas of electromagnetic seal and pressure seal ring.	

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FSC: Chock, wheel

D2-6951: Wheel Chocks

T.O.:

Manufacturer:

Quantity: 10

Item Description/Remarks:

PSN: 2540-288-2873

P/N: 33305

Fed. Code: 24930

1. Fixed type, aluminum; 1 casting

2. Dimensions: 9 7/16 in. long., 5 3/4 in. high, 8 in wide

Requirement Origin

11-4024-5.13

11-4031-12.4

11-4063-23.5

11-4115-5.5

Maintenance Function

A requirement exists for a means of assuring positive braking of van during proof load checkout

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FSC: Clamp, Pipe
 D2-6951: Expandable Hose Clamp
 T.O.: Expandable Hose Clamp
 Manufacturer: _____
 Quantity: EXP

FSN: Δ
 P/N: _____
 Fed. Code: _____

Item Description/Remarks:

- Δ FSN 4730-202-8970(BP) 3/4 in. to 1 in.
- FSN 4730-554-8698 (BP) 1 1/4 in.
- FSN 4730-202-8969(BP) 1 1/2 in.
- FSN 4730-202-8968(BP) 2 in.

Requirement Origin	Maintenance Function
12.0-1278-7.4	Prepare Cable for splicing
12.0-1226-3.2	Form and Strap Cable
12.0-1339-25.2	Prepare Cable for splicing
21SM80A-2-20	Hold shielding while cutting to prevent shield from ragged tearing

CCP 901

h8

FSC: Cleaning Compound, Solvent

D2-6951: Commercial Solvent

T.O.:

Manufacturer:

Quantity: Exp. >

Item Description/Remarks:

1. C Cl₄ or equivalent
2. Liquid solvent-emulsion grease cleaning compound; mix with kerosene, mineral spirits, water, etc. Non-phenolic
3. Fed. Spec P-C-576b Type I

▷ Basis of issue: 55 gal metal drum

FSN: 6850-616-9521(BP)

P/N:

Fed. Code:

Requirement Origin

12.0 - 1447-3.2

-7.5

-9.9

12.0-1207(2)

Maintenance Function

Clean valves on drier-air compressor

Clean Automatic Water Trap

Clean oil filter screen on Drier Air Compressor

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PSN: -
P/N:
Fed. Code:

1. Fed. Spec. O-T-620A

Maintenance Function

33D9-133-3-1

Clean contacts on programmer panel

98

FSC: _____
 D2-6951: _____
 T.O.: Cleaning Solvent, Pre Sealing
 Manufacturer: _____
 Quantity: . EXP ☐ ☒
 Item Description/Remarks:

FSN: -
 P/N:
 Fed. Code:

1.- Procure per Material Spec. BMS 11-7

☐ Use with Fig. "A" 4483 Kit, Safety Pin, Installation & removal
 (1 pint per Kit)

Requirement Origin

T.O. 21SM80A-2-17-1
 T.O. 21SM80A-2-10

Maintenance Function

A sealant must be applied to:
 G&C Section fasteners
 Raceway third stage joint

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FSC: Cleaner, Steam Press, Jet

D2-6951: _____

T.O.: _____

Manufacturer: Clayton Mfg. Co., Alhambra, California

Quantity: _____

Item Description/Remarks:

FSN: 4940-396-1660

P/N: HERMAC

Fed. Code: 89502

1. Spec. MIL-C-4036A

2. Jet data: 90 PSI max. steam jet pressure, 150 gal per hour max. rate, 2 cleaning guns non-adjustable nozzels, 2 hose connections, 25 ft. and 50 ft. hose 3.55 hp cylinder air cooled gasoline engine driven

Requirement Origin

Maintenance Function

12-4059-4.2

A requirement exists for a means of cleaning:

The exterior of T-E semi trailer

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FSC: Cleaner, Vacuum
 D2-6951: Cleaner, Vacuum
 T.O.: Vacuum Cleaner
 Manufacturer: _____
 Quantity: 2
 Item Description/Remarks:

FSN: 7910-272-2573
 P/N:
 Fed. Code:

1. Vertical Tank Type, 1/3 hp, 115V

Requirement Origin	Maintenance Function
12-4539-5.2	Clean VRSATS prior to Maintenance.
12-1412-3.3	Clean VRSA prior to maintenance.
12-1243-52.3	Clean control, telephone-transmitter, prior to maintenance
12-1294-2.1	Clean switch, sensitive prior to maintenance
12-1268-5.3	Clean decoder, command signals prior to maintenance
12-4043-3.4	A means to remove dust and foreign matter from jerk box
12-4018-278.3	Clean drawers in signal generator and data processor drawer
12-4012-7.2	Arming and status panel
12-4115-63.12	Generator signal
12-1396-2.1	Condensing coils
	To remove dust, dirt, and foreign material from monitoring system alarm panel
21SM80A-2-16	Clean drawers, panels, containers, etc., of the following:
31W2-2GTC-42	CSD
31X1-8-6-2	Telephone Set Repeater
31X3-62-4-1	Telephone Connecting and Switching Set
31X3-2-12-2	
31X3-3-9-2-1	Security System
31X3-12-8-2	
33AA17-37-1	PP-3267/GSM Power Supply Assembly
33D7-50-3-1	
33D9-17-26-1	Console Test Set
33D9-88-6-1	Dummy encoder relay assembly and test set assembly
33D9-133-3-1	DAC Test Set Cases
35E9-37-1	
21-SM80A-2-8	
I-1320-(2)	Repeater, Telephone Drawer, TA-493/GTC Power Signal
I-1304-(1)	Distribution Unit MX-4109/GTC-10
I-1251-(3)	Jack Box, J-1308/GTC-8
	Rec. Trans. Digital Data RT-646/GYK-2
	Store, Launch enable Unit and verification unit MX3772
	Power Signal Distribution Unit MX3774
I-1265-(2)	Trans. Dig. Data T-869
	PWR, Sig. Dist. Unit MX3703

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FSC: Cleaner, Vacuum

D2-6951: Cleaner, Vacuum

T.O.: Vacuum Cleaner

Manufacturer:

Quantity:

Item Description/Remarks:

1. Vertical Tank Type, 1/3 hp, 115V

PSN: 7910-272-2573

P/N:

Fed. Code:

Requirement Origin

Maintenance Function

I-1363-(1) Jack Box J1310/GTC-8
I-1361-(1) Jack Box J1309/GTC-8
I-1303-(2) Repeater, Telephone TA-465/GTC-9
Power Supply PP-3186/GTC-9
I-1302-(3) Repeater, Telephone, TA-464/GTC-8
Repeater, Telephone TA 463/GTC-3
Power Supply PP-3185/GTC-3
I-1341-(1) Telephone TA-467/GTC-8
I-1213-(3) Converter, Digital to Diphase CV 1236
Power Signal Dist. Unit MX 3735
Converter, Waveform CV 1237
I-1228-(3) Monitor Unit, Line Failure MX 3775/GYK-2
Decoder Command Signals
Power Sig. Dist. Unit MX 3777
I-1279-(1) Repeater Telephone TA461/GYK-2
I-1343-(1) Telephone TA462/GTC-3

FSC: Cleaner, Vacuum

D2-6951:

T.O.: Vacuum Cleaner

Manufacturer: Hild Floor Machine Co. Chicago, Ill.

Quantity: 43

Item Description/Remarks:

PSN: 7910-508-0328

P/N: 306

Fed. Code: 28645

1. Industrial type, explosion proof, portable, rust proof metal parts, 7/8 HP motor; power cable: 30 ft. long with 3 conductors.

Requirement Origin

Maintenance Function

12.0-4491-2.3
-40.2

12.0-4059-4.2

12-1211-2.1

12-1212-2.1

12-1217-2.1

12-1323-2.1

12-1329-2.1

21SM80A-2-10

D2-13608-2, V I

I-25-18834-(1)

Remove all foreign material before performing maintenance on the following:

Start-up assembly

Launch Facility adapter and cable assembly

Interior T-E semi-trailer

Environmental Control System and Launcher

LCC Electrical System

LF Electrical System

Remove debris from launch facility

Launcher Closure

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FSC: Climbers Set, Tree and Pole D2-6951: Pole Climbers T.O.: Manufacturer: Quantity: 2 Item Description/Remarks:		FSN: 4240-273-9668 P/N: Fed. Code:
1. MIL-C-12122 (Signal Corps) 2. 14-3/4in. to 19-1/4 in. adjustable range of bar, 1/4 in. adjustment increments		
Requirement Origin	Maintenance Function	
12-1327-2.1 -2.2 -3.3 -19.1 -19.2	A means of personnel access to pole mounted floodlights	

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FSC: Cloth

D2-6951: Cleaning Cloth, Lint Free 1

T.O.: Cloth, Lint Free, Dry 2

Manufacturer:

Quantity: Exp.

Item Description/Remarks:

FSN: 7920-263-2765(BP)

P/N:

Fed. Code:

1. White lintless cotton batiste wipers, 4 in. x 6 in.

2. 100/envelope

1 Also: Cloth, Dry Clean, Lint Free

2 Also: Dust Cloth

Requirement Origin

1.0(25-22294)-1.6.1

3.0(25-22294)-3.17.1

TO 21SM8QA-2-8

21SM8QA-2-3

21SM8QA-2-4

33D9-133-3-1

35D3-11-25-1

D2-13608-2, V IV

Maintenance Function

Clean connectors prior to:

a. Connecting G & C and skirt umbilicals to missile

b. Connecting G&C umbilical to missile

Remove grease or dust from autonavigator and third stage engine

Clean electrical drawers and connections

Clean drawers

Clean cable case and panel

Clean hydraulic fittings

Clean surface before replacing seal

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FSC: Cloth, Cleaning

D2-6951: Cloth

T.O.: Cloth

Manufacturer:

Quantity: Exp.

Item Description/Remarks:

PSN: 7920-292-9204 (BP)

P/N:

Fed. Code:

1. Disposable cleaning cloth of non-woven material; Fed Spec CCC-F-46

2. 1000 sheets per package

Requirement Origin

Maintenance Function

12.0-1226-3.2

Used during forming and strapping cable in repair of hardened cable

12-1278-7.4

Clean potting compound from splice case

12-1339-22.1

Protect cable from hot outer sleeve

21SM80A-2-11

Clean hydraulic pumping unit

21SM80A-2-19

Clean during depotting

21SM80A-2-20



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FSC: _____	FSN: _____
D2-6951: _____	P/N: _____
T.O.: _____ Coaxial Adapters and Connectors	Fed. Code: _____
Manufacturer: _____	
Quantity: _____	
Item Description/Remarks: _____	

See following page

Requirement Origin	Maintenance Function
33D9-137-2-1	Antenna Simulator checkout

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COAXIAL ADAPTERS AND CONNECTORS

Coupler, Signal Generator

FSN: 6625-802-3748

Mfr: Tektronix Inc. Beaverton, Oregon (80009)

Part No: 011-001

Qty: 2

Adapter, Connector

FSN: 5935-500-5983

Mfr: Signal Corp. (80063)

Part No: M-358

Qty: 2

Adapter, Connector

FSN: 5935-149-3914

Mfr: Aeronautical Standards Group, Departments of Navy and Air Force,
Washington, D.C. (88044)

Part No: UG-255/u

Qty: 4

Connector

FSN:

Mfr: Cannon Electric Co., Phoenix Division, Phoenix Arizona. (08718)

Part No: CA51396-2

Qty: 8

Adapter, Connector

FSN:

Mfr: Joint Aircraft Committee, Washington, D.C. (80059)

Part No: UG-318/u

Qty: 8

9b

FSC: _____

D2-6911: _____

T.O.: Coil Tester

Manufacturer: Snap On Tools Corp., Kenosha, Wisconsin

Quantity: 1

Item Description/Remarks:

1. Coil and Condenser Tester
2. Operates on vehicles electrical system, 6, 12, or 24 volts
3. Needs no outside power

PSN: -
P/N: MT-335
Fed. Code: 55719

Requirement Origin

TO-35D3-11-25-1

Maintenance Function

To test ignition coil

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SAC

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FSC: _____
 D2-6951: Common Hand Tool
 T.O.: Common Hand Tool
 Manufacturer: _____
 Quantity: _____
 Item Description/Remarks: _____

PSN: _____
 P/N: _____
 Fed. Code: _____

See following pages:

Requirement Origin	Maintenance Function

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FSN	NOMENCLATURE	DESCRIPTION
5110-293-2336(BP)	AX, Single Bit	4 lb. Head
5110-243-0901(BP)	Blade, Hand Hacksaw	12 in. 24 teeth/in.
5110-243-0898(BP)	Blade, Hand Hacksaw	12 in. 32 teeth/in.
5110-221-0252(BP)	Blade, Hand Hacksaw	12 in. 32 teeth/in
5110-289-9657(BP)	Frame, Saw	Hacksaw frame
5110-542-3494(BP)	Frame, Saw	Hacksaw frame
5110-293-3435(BP)	Saw, Hand, Crosscut	26 in.
5120-516-3802(BP)	Bar, Digging	1 1/8 in. dia. x 84 in. long
5120-293-0065(BP)	Bar, Wrecking	3/4 in. dia.
5120-242-3913(BP)	Hammer, Hand	1/2 lb. ball peen
5120-242-3917(BP)	Hammer, Hand	1 lb. ball peen
5120-203-7064(BP)	Key Set, Socket Head Wrenches	Hex head screws
5120-294-4605(BP)	Knife, Putty	1 1/4 in. blade
5120-247-5177(BP)	Pliers, Long Nose	6in.W/Side cutter
5120-268-3579(BP)	Pliers, Long Nose	6in.W/O Side cutter
5120-227-7097(BP)	Pliers, combination	8 in.
5120-239-8254(BP)	Pliers, Linemen's	6 in. W/O Wire Skinner
5120-756-1156(BP)	Pliers, Linemen's	8 in. W/O Wire Skinner
5120-247-2063(BP)	Pliers, Linemen's	6 in. W/Wire Skinner
5120-184-9403(BP)	Pliers, Needle Nose	6 1/2 in.
5120-239-8249(BP)	Pliers, Round-Nose	6 in.
5120-753-3593(BP)	Plastic Plier Grip	6 to 8 in. pliers
5120-494-1910(BP)	Wrench Pliers	7 in.
5120-234-8913(BP)	Screwdriver, Cross Tip	4 in.
5120-234-8912(BP)	Screwdriver, Cross Tip	6 in.
5120-222-8852(BP)	Screwdriver, Common	4 in., 1/4 in. tip
5120-234-8910(BP)	Screwdriver, Common	6 in., 5/16 in. tip
5120-237-6985(BP)	Screwdriver, Common	8 in., 3/8 in. tip
5120-256-9014(BP)	Screwdriver, Offset	Phillips, double off set
5120-240-5330(BP)	Wrench, open end	Adjustable, 1/2 in.
5120-264-3795(BP)	Wrench, open end	Adjustable 3/4 in.
5120-240-5328(BP)	Wrench, open end	Adjustable, 1 5/16 in.
5120-449-8083(BP)	Wrench, open end	Adjustable, 1 1/8 in.
5120-264-3796(BP)	Wrench, open end	Adjustable, 1 5/16 in.
5120-423-6723(BP)	Wrench, open end	Adjustable, 1 11/16 in.
5120-240-1414(BP)	Wrench, open end	Adjustable, 2 1/16 in.
5120-293-3453(BP)	Wrench Set, Box	5 Wrenches, W/bag
5120-640-6536(BP)	Wrench Set, open, end	6 wrenches, W/bag
5120-293-3537(BP)	Wrench Set, Socket	1/4 in. drive, 15 pieces
5120-449-8200(BP)	Wrench Set, Socket	3/8 in. drive, 19 pieces
5120-293-0237(BP)	Wrench Set, Socket	1/2 in. drive, 16 pieces
5120-224-9219(BP)	Adapter, Drive	1/4 in. to 3/8 in. sq.
5120-277-1207(BP)	Adapter, Reversible Ratchet	1/4 in. drive
5120-227-8105(BP)	Extension Bar, Rigid	1/4 in. drive, 2 in.
5120-243-7325(BP)	Extension Bar, Rigid	1/4 in. drive, 6 in.
5120-240-1532(BP)	Extension Bar, Flexible	1/4 in. drive, 6 in.
5120-221-7957(BP)	Handle, Reversible Ratchet	1/4 in. drive, 4 1/2 in.
5120-221-7966(BP)	Handle, Sliding TEE	1/4 in. drive, 4 1/2 in.
5120-288-6539(BP)	Handle, Speeder	1/4 in. drive, 15 3/4 in.
5120-227-8095(BP)	Adapter, Drive	3/8 to 1/4 in. sq.
5120-240-8703(BP)	Adapter, Drive	3/8 to 1/2 in. sq.
5120-227-8129(BP)	Adapter, Reversible Ratchet	3/8 in. drive
5120-243-1689(BP)	Extension Bar, Rigid	3/8 in. drive, 3 in.

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FSN	NOMENCLATURE	DESCRIPTION
5120-273-9203(BP)	Extension Bar, Rigid	3/8 in. drive, 5 in.
5120-243-1690(BP)	Extension Bar, Rigid	3/8 in. drive, 8 in.
5120-243-1691(BP)	Extension Bar, Rigid	3/8 in. drive, 12 in.
5120-240-5364(BP)	Handle, Reversible Ratchet	3/8 in. drive, 6 in.
5120-893-6905(BP)	Handle, Reversible Ratchet	3/8 in. drive, 10 3/4 in.
5120-241-3143(BP)	Handle, Sliding TEE	3/8 in. drive, 7 in.
5120-240-8702(BP)	Adapter, Drive	1/2 in. to 3/8 in. sq.
5120-243-7322(BP)	Adapter, Reversible Ratchet	1/2 in. drive
5120-243-1697(BP)	Extension Bar, Rigid	1/2 in. drive, 2 in.
5120-243-7326(BP)	Extension Bar, Rigid	1/2 in. drive, 5 in.
5120-227-8074(BP)	Extension Bar, Rigid	1/2 in. drive, 10 in.
5120-241-3142(BP)	Handle, Sliding Tee	1/2 in. drive, 11 in.
5120-230-6364(BP)	Handle, Speeder	1/2 in. drive, 18 in.
5120-640-6347(BP)	Bit, Screwdriver	1/4 in. drive, 1/4 in.
5120-243-7337(BP)	Bit, Screwdriver	3/8 in. drive, 1/4 in.
5120-596-9583(BP)	Alignment Tool	6 1/8 in. long, non-metallic
5120-243-7328(BP)	Extension Bar, Rigid	3/4 in. square drive, 8 in. long

Socket Wrench Attachment - Socket Head Screw

FSN or P/N	Nom. Hex Plug End Size (in.)	Nom. Square Drive End Size (in.)
TMA-3*	3/32	1/4
TMA-4*	1/8	1/4
5120-596-0940	5/32	1/4
5120-596-0938	3/16	1/4
5120-596-0939	7/32	1/4
5120-243-1673	1/4	3/8
5120-596-0986	5/16	1/4
5120-596-0937	3/8	1/4
5120-596-0941	7/16	1/4
5120-596-0942	1/2	1/4
5120-596-0936	9/16	1/4
5120-240-1530	5/8	1/4
5120-596-0927	11/16	3/8
5120-596-0926	3/4	3/8
5120-596-0925	7/8	1/2
5120-596-0924	1	1/2
5120-596-0923	1 1/8	1/2
5120-596-0910	1 1/4	3/4
5120-540-0753	1 5/16	3/4
5120-596-0914	1 3/8	3/4
5120-596-0913	1 1/2	3/4

* Snap-On Tool Corp., Kenosha, Wisconsin, Fed. Code 55719

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FSC: Compressed Air Technical		FSN: 6830-255-2419(BP)
D2-6951: Cylinder, (compressed Air		P/N:
T.O.:		Fed. Code:
Manufacturer:		
Quantity: ☐		
Item Description/Remarks:		
1. Assay, any acceptable; oil pumped 2. Approx. 2200-3000 PSI		
☐ Qty required: Twentyfour cylinders, approx. 20 in. h x 10 in. dia. Twentyfour cylinders, approx. 36 in. h x 10 in. dia.		

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Requirement Origin	Maintenance Function
	A means is required to contain a supply of compressed air for maintenance of the following:
12.0 - PCS 0-7.4	To gain access to pressurized inner jacket of the cable.
12.0 - 1278-2.1	Splicing assembly and components, hardened cable.
12.0 - 1278-8.4	Splice case.
12.0-1228-4.2	Cable, pressurized, hardened
12.0-1339-10.5	Cable system, pressurized, hardened
-11.5	
-19.5	
-26.2	Lead coil assembly

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CCP 901

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FSC: _____
 D2-6951: _____
 T.O.: Compression Gauge
 Manufacturer: Snap On Tools Corp. Kenosha, Wisconsin
 Quantity: 1
 Item Description/Remarks:

PSN: -
 P/N: MT-24F
 Fed. Code: 55719

1. 0 to 250 PSI
2. 5 lb. divisions on 2 1/2" diam dial.
3. Neoprene Cone tip, swivels to reach all spark plug holes

Requirement Origin

Maintenance Function

TC35D3-11-25-1

Check Cylinder Compression on engine

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FSC:	PSN:
D2-6951: Container, Shipping and Storage	P/N:
T.O.:	Fed. Code:
Manufacturer:	
Quantity:	
Item Description/Remarks:	
1. Use manufacturers shipping and storage container	

Requirement Origin	Maintenance Function
11-4059-13.10 -17.13 -18.14 -21.5	A requirement exists for a protective container for: T-E hoist assembly
11-1368-41.1 -43.7 -50.3 -52.8 -65.8 -65.9 -67.15	Antenna Relay Assy Wire Bundle Assy Control, Radio Set
11-1338-4.1 -5.2 -9.8	Arming and Status Panel
11-1368-78.7 11-1243-40.1 -40.2	Connector Panel, Assy of Alarm Control
11-1243-11.1 -11.2	Alarm Monitor Panel
11-1243-45.1 -45.2	Audible Alarm Assy
11-1243-51.1 -52.2 -54.6 -56.8	Communications Panel
11-1243-16.9 -17.10 -24.1 -24.2 -29.8	D. C. Power Filter
11-4539-8.3 -10.3 -13.13	Sub Assy #1 Sub Assy #3 Sub Assy #4
11-1243-21.9 -21.10	Launch Control Panel
11-1243-6.6 -6.7	Launch Status Indicator

(Cont'd on following page)

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FSC: <u>Container, Shipping and Storage</u> D2-6951: _____ T.O.: _____ Manufacturer: _____ Quantity: _____ Item Description/Remarks: 1. Use manufacturers shipping and storage container	FSN: _____ P/N: _____ Fed. Code: _____

(Cont'd from previous page)

Requirement Origin	Maintenance Function
11-1243-19.1	Program Control Panel
-19.2	
11-1412-5.8	VRSA
12.0-1451-6.13	Recorder
12.0-4152-51.3	Switch, Assembly of
-109.9	Printed Circuit
-202.9	Printed Circuit Assy of
-219.3	Connector Switch, Assy of
-268.16	Printed Circuit
-278.13	Printed Circuit Card
12.0-4535-5.1	Scope, Alignment Set
12.0-4445-3.5	Control panel assembly
12.0-4451-3.4	Hand Controller, Azimuth drive
12.0-4489-13.3	Board Assembly Control Flip-Flop
12.0-4490-25.3	Printed Circuit, Assy of
-54.3	Card, Printed Circuit
-56.13	Chart Drive Assy
12.0-4491-8.5	Gyro Start Assembly
-9.11	
-10.15	Memory Inverter Assembly
-12.2	Lamp Driver Assembly
12.0-3092-7.8	Fault Locator
-11.5	Self Test Generator
-15.5	Board Inhibit Pulse amplifier
12.0-3092-20.5	Board 8CPS Oscillator
-24.11	Board-Type A Evaluator
-28.5	Board-Type "B" Evaluator
-31.11	Board Type C Evaluator
-37.5	Board Type "D" Evaluator
-45.5	Board Type D Evaluator
-49.11	Board Type "E" Evaluator
-54.3	Board Comparator Enable
-62.7	Voltmeter
-63.11	Card Reader and Diode Assembly
12.0-3109-8.7	Motor
-48.12	Printed circuit regulator, -10v, +10v, -30v
-51.4	Printed circuit, Voltage & Duration Sense

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FSC:

D2-6951: Container, Shipping and Storage

T.O.: Shipping and Storage Container

Manufacturer:

Quantity:

Item Description/Remarks:

PSN:

P/N:

Fed. Code:

1. Use manufacturers shipping and storage container

(Cont'd from previous page)

Requirement Origin	Maintenance Function
-53.11	Printed Circuit, Ripple Amplifier
-57.4	Printed circuit, Voltage Detector
-58.11	Printed Circuit, Transducer Simulator
-61.3	Printed Circuit, Resistor & capacitor
-62.7	Printed Circuit count down Logic
-62.11	Meter
12.0-4115-26.14	Controller
-42.3	Thermostat, humidity Warning
-68.7	Solenoid Valve
-75.4	Hi - Low Pressure Cut-out
-81.8	Suction Pressure Regulator Valve
-86.4	Evaporator Pressure Regulator Valve
-89.9	Expansion Valve
-90.13	Moisture Indicator
-99.14	Overheat Sensor
11-1423-6.12	Lightning Arrestor Assy
11-1424-2.3	Dome Weather UHF Antenna
11-1425-34.7	Surge Arrestor Control
11-1337-17.1	Safe & Arm Module
-18.2	
21SM80A02-4	Wire assembly, antenna, fail-safe antenna, electrical equipment
21SM80A-2-5	UHF Antenna Assembly, Drawers, Printed Circuit Cards
31X2-62-4-1	
31X3-12-8-2	
33A1-3-194-1	VRSA Test Set
33D9-6-21-1	Maintenance Test Equipment
33D9-133-3-1	DAC Test Set Components

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FSC: _____
 D2-6951: Container, Shipping and storage
 T.O.: _____
 Manufacturer: _____
 Quantity: _____
 Item Description/Remarks:

FSN: _____
 P/N: _____
 Fed. Code: _____

1. Use manufacturers shipping and storage container

Requirement Origin	Maintenance Function
	Replaced components must be protected from damage during transit to SRA depot:
11-4523-9.4	PCA
-11.3	Heat Sink
-31.3	Relay Box
11-4601-5.10	HF Power Meter
11-4643-.0.7	Milliometer
11-1412-7.3	Reproducer
-18.3	PCA
11-1419-4.9	Antenna, Fail Safe
11-1424-5.10	Sleeve-UHF Antenna, Assembly of
11-1425-21.8	Relay Connector Assembly-Lower
11-1201-14.3	PCA
-35.3	
-45.3	
-56.3	
-78.3	
-85.3	Regulator, Matched Set Assy
-86.7	
11-1283-30.4	Motor Generator
11-1284-26.9	Transistor cooler sub-assy
-27.16	Printed Circuit Assy
-30.3	
-33.3	Power transformer
-34.7	Semi-conductor device set
-38.16	
11-1288-12.9	Battery, storage unit, LCC
11-1289-11.8	Battery charger unit
-38.3	Power transformer
-39.7	Semi-conductor device set
-43.16	
-48.9	Transistor cooler sub-assy
-49.16	PCA
-52.3	
11-1293-3.7	Dipole Housing, Assy of

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FSC:

D2-6951: Container, Shipping and Storage

T.O.:

Manufacturer:

Quantity:

Item Description/Remarks:

FSN:

P/N:

Fed. Code:

1. Use manufacturers shipping and storage container

(Cont'd from preceding page)

Requirement Origin	Maintenance Function
11-1296-13.3	PCA
-30.3	Transmit Bandpass Fitter Module
-33.3	PCA
-44.3	PCA (Typical)
11-4059-77.8	Pump and Motor
-95.3	Erection Actuator
11-4018-36.3	Control Board CKT, MX-4135/GSM-61
-64.5	PCA
-68.11	
-74.5	
-78.11	
-83.5	
-88.11	
-94.5	
-97.11	
-99.3	
-113.5	
-118.11	
-128.5	
-130.3	
-155.5	
-159.12	
-165.5	
-170.11	
-176.5	
-181.11	
-186.5	
-191.11	
-193.3	
-222.5	
-226.11	
-231.5	
-233.3	
-261.5	
-264.11	
-266.3	
-196.11	Electronic Equipment Assy
-235.16	



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FSC: _____
D2-6951: Container, Shipping and Storage

T.O.: _____

Manufacturer: _____

Quantity: _____

Item Description/Remarks:

FSN: _____

P/N: _____

Fed. Code: _____

1. Use manufacturers shipping and storage container

(Cont'd from preceding page)

Requirement Origin	Maintenance Function
11-1338-10.11	Arming and Status Panel
11-1367-27.3	DC Motor Generator
-34.11	AC Motor Generator
11-1379-10.8	Charger, Battery
11-1243-31.3	Diode Assy
I-1320-(5)	Receiver-Repeater-Transmitter, Telephone Network, Impedance Matching Drawer Drawer, Equalizer Telephone Line TA503/GTC Repeater, Telephone Drawer, TA493/GTC Power Signal Distribution Unit, MX4109/GTC-10 Power Signal Distribution Unit MX 3774
I-1251-(1)	Power Signal Dist. Unit MX 3703
I-1265-(1)	Amplifier, Telephone Repeater
I-1303-(1)	Head Assy
I-1207-(1)	Amplifier, Telephone Repeater
I-1302-(2)	Internal Wiring
I-1213-(1)	Power Signal Dist. Unit MX 3735
I-1228-(1)	Power Sig Dist Unit MX 3777

501

PSC: Cord, Cotton D2-6951: Tie Line, Tool T.O.: Manufacturer: Quantity: <u>Exp.</u> Item Description/Remarks:		FSN: 4020-171-5209(BP) P/N: Fed. Code:
1. Fed. Spec. DDD-S-251b; 1/8" diameter cotton cord; basis of issue-48 feet per hank.		
Requirement Origin 640 (25-18837)-6.4 21-SN80A-2-8	Maintenance Function Used during removal of elevator work cage from launch tube; tie tools to work cage	

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FSC: Cord, Nylon
 D2-6951: Cord, Nylon
 T.O.: Nylon Cord
 Manufacturer:
 Quantity: Exp. 
 Item Description/Remarks:

PSN: 4020-640-9363(BP)
 P/N:
 Fed. Code:

1. 1/8" dia. nylon cord; 550 pound breaking strength; MIL Spec MIL-C-5040

 Std. Pack: 500 yd. spool

Requirement Origin

12-1230-15.11
 12-1405-16.11
 I-D2-13608-2, Vol. IV

Maintenance Function

Means of installing replacement transmitter during removal.
 Raise and lower float in storage tank

R

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FSC: _____
 D2-6951: Cover, Electrical Connector 1
 T.O.: Cover, Electrical Contacts 2
 Manufacturer: _____
 Quantity: _____
 Item Description/Remarks:

FSN: _____
 P/N: _____
 Fed. Code: _____

1. All electrical equipment is shipped from the manufacturer with protective covers on all of the electrical connectors. Spare parts for electrical equipment should include the expendable protective covers.

▷ Also: Cap, Coaxial Connector
 Cap, Electrical Connector

▷ Also: Protective Cover

Requirement Origin	Maintenance Function
12-1214-3.8 24.1 27.7 40.1	A requirement that electrical connectors on the water chiller be capped.
12-1243-51.1 51.2 54.6 56.8	
12-1246-3.4 4.7 37.1 38.3	A means of protection against damage to molded plug connector pins while being installed or removed
12-1248-3.5 4.7 10.1 11.3	
12-4018-280.6 281.7 282.9	
12-1380-4.4 5.5	A means to protect coaxial connectors used in:
12-1419-2.1	Alarm Set
12-1424-3.8 3.9	HF/UHF Radio System
12-1293-2.5	Dipole Housing Assembly
12-1296-3.3 3.4	Converter-Monitor
21SM80A-2-4	Protect Electrical Connectors on Figure A 1248 and 1246
21SM80A-2-5	Protect electrical connectors from damage

(Continued on next page)

211

FSC:

D2-6951: Cover, Electrical Connector

T.O.: Cover, Electrical Contacts

Manufacturer:

Quantity:

Item Description/Remarks:

FSN:

P/N:

Fed. Code:

1. All electrical equipment is shipped from the manufacturer with protective covers on all of the electrical connectors. Spare parts for electrical equipment should include the expendable protective covers.

1 Also: Cap, Coaxial Connector
Cap, Electrical Connector

2 Also: Protective Cover

(Continued from previous page)

Requirement Origin

21SM80A-2-11
21SM80A-2-20
33D9-111-3-1

Maintenance Function

Protective Connectors
Protect Cable
Test Set Assembly

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Fed. Code: 81225

Requirement Origin	Maintenance Function
1.0 and 3.0(25-22294)	Protect umbilical cable head from damage due to physical contact and plug from entry of foreign matter
1.5	
1.6.1	
3.8.2	
3.17.1	
12-1202-1.9	Cross references to 25-22294
-4.3B	
12-1248-27.1A	
-29.3A	
21-SM80-2-8	Protect umbilical cable head from damage due to physical contact and plug from entry of foreign matter

111
FSC: _____
D2-6951: Cradle, Ballistic Actuator Assembly
T.O.: _____
Manufacturer: The Boeing Company, Seattle, Wash
Quantity: 1
Item Description/Remarks:

PSN: -
P/N: ME 25-26155
Fed. Code: 81205

Requirement Origin

12-1280-5.1

7.2
9.4

Maintenance Function

A means to hold Ballistic Actuator Assembly while it is transported



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PSC:

D2-6951: Cradle, Ballistic, Gas Generator

T.O.:

Manufacturer: The Boeing Company, Seattle, Wash

Quantity: 1

Item Description/Remarks:

PSN: -

P/N: ME 25-26216

Fed. Code: 81205

Requirement Origin

12-1280-12.1.

-14.2

Maintenance Function

A requirement exists for a means to transport the generator in the equipment room.

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FSC: Crane, Truck, Warehouse

D2-6951: Crane, Portable

T.O.:

Manufacturer: Yale & Towne, Philadelphia, Pa.

Quantity: 1

Item Description/Remarks:

FSN: 3950-271-1846

P/N: K42SM-6-7-78

Fed. Code: 63299

1. MILC-3988

2. Capacity: 6000 lb at 7 ft radius
1670lb at 19 ft radius
Boom swing range: 270 degrees
Motors: 4 electric 36 VDC
Batteries: Two 36V, 450 amp-hour
or one 36V, 660 amp-hour

3. T.O. 36M-2-6-1

Also: Standby Crane

Requirement Origin	Maintenance Function
	A means must be provided to lift:
12-4031-15.7 -15.8	Hoist on and off Mechanical Maintenance Truck
12-4043-6.7 -9.9	Support structure to channel track
12-4059-13.10 14.11	T-E hoist with sling
23.12 24.13	Dynamic Brake Hoist Cover
58.1 58.2	T-E Hoist Cover
92.1 94.2	T-E Erection Actuator
12.0-4115-7.11 -7.12 -63.13 -64.14 -110.8 -111.9	Lift canopy from air conditioner 13 ft. free lift and 3 ft. minimum clearance lift fittings on air conditioner canopy lift canopy from air conditioner

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FSC: _____
 D2-6951: Crimping Tool, Terminal, Hand 
 T.O.: _____
 Manufacturer: _____
 Quantity: To be determined by SAC/BSD/COASMA
 Item Description/Remarks:

FSN: _____
 P/N: _____
 Fed. Code: _____

See following pages.

 Also: Crimping tool, pin

Requirement Origin	Maintenance Function
	A means of crimping pins and terminals to wires in:
12-4523-24.11	Electrical connectors
-25.12	
-29.13	Internal Wiring
-32.5	Electrical Connectors
-34.9	Transformer
-35.12	Blower Assembly
12-4539-20.1	VRSATS
-34.11	
-34.12	
12-4566-5.12	Test Set Relay Assembly
12-4601-6.12	Function Simulator
-7.14	
-8.15	
12-4632-10.14	Test Set, Power Supply
-12.1	
-12.2	
-19.8	
-19.12	
-20.13	
-22.3	
-39.1	
-39.2	
-50.3	
-51.4	
-51.5	
-57.15	
-59.1	
-59.2	
12-4633-11.14	A means of crimping pins and terminals to wires in:
	Test Set, Power Supply
-13.1	

(Continued on next page)

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FSC:		PSN:	
D2-6951:	Crimping Tool, Terminal, Hand	P/N:	
T.O.:		Fed. Code:	
Manufacturer:			
Quantity:			
Item Description/Remarks:			

See following pages

Also: Crimping tool, pin

(Continued from previous page)

Requirement Origin	Maintenance Function
12-4633-13.2	
-19.8	
-19.12	
-20.13	
-28.3	
-29.4	
-29.5	
-32.3	
-34.3	
-36.3	
-38.3	
-50.1	
-50.2	
12-4643-4.8	Test Equipment Electronic Facility Base Maintenance
-6.13	
-7.14	
12-1412-18.14	VRSA
12-1337-24.5	Electrical Power System Launcher
-27.1	
12-1201-17.7	Control and Monitor System
-18.8	
-20.1	
-48.7	
-49.8	
-51.1	
-58.2	
-59.8	
-63.1	
-63.2	
-64.8	
-74.2	
-76.15	
-82.1	
-82.2	
-83.8	
-98.8	

(Continued on next page)

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FSC:

D2-6951: Crimping Tool, Terminal, Hand

T.O.:

Manufacturer:

Quantity:

Item Description/Remarks:

FSN:

P/N:

Fed. Code:

See following pages

Also: Crimping tool, pin

(Continued from previous page)

Requirement Origin	Maintenance Function
12-1201-105.1	
-105.2	
-106.8	
-114.1	
-117.1	
-117.3	
12-1214-31.2	Control Valve Assembly
-32.6	Pump Assembly, AC
-33.10	Pump Assembly, DC
-48.1	Ground Cooling System
-50.1	
-50.2	
12-1243-34.11	Control and Monitor System
-37.5	
-37.7	
-38.8	
-69.1	Connector, Electrical Receptacle
-72.1	Cable, Two Conductor, Twisted
-72.2	
-78.9	Connector, Electrical Plug
-81.1	Wire-Shielded and Jacketed
-81.2	
-108.11	
-109.12	
-87.1	Connector, Electrical Plug
-88.7	Insulated Wire
-88.8	
-97.1	
-97.2	
-94.9	Connector, Electrical Plug
-107.9	Connector, Electrical Plug
-115.11	Insulated Wire
-116.12	
12-1283-57.6	Relay, Underfrequency
-58.9	
-64.12	Brush Lifting Assembly

(Continued on next page)

FSC:

D2-6951: Crimping Tool, Terminal, Band

T.O.:

Manufacturer:

Quantity:

Item Description/Remarks:

PSN:

P/N:

Fed. Code:

See following pages

Also: Crimping tool, pin

(Continued from previous page)

Requirement Origin	Maintenance Function
12-1283-68.1	Socket Plug
-69.10	Insulated Wire, Control and Power
-69.11	
12-1243-121.9	Connector, Electrical Plug
-122.11	Wire, Insulated
-122.12	
-127.7	
-127.9	Connector Electrical Plug
-128.11	Wire, Insulated
-129.12	
134.7	Connector, Electrical Plug
-134.9	
-137.1	Wire, Insulated
-137.2	
-143.9	Connector, Electrical Plug
-145.11	Wire, Insulated
-145.12	
-151.9	Connector, Electrical Plug
-153.1	Wire, Insulated
-153.2	
-160.9	Connector, Electrical Plug
-163.1	Wire, Shielded and Jacketed
-163.2	
12-1284-44.1	Insulated Wire
-44.2	
-45.9	Connector
12-1289-24.1	Insulated Wire
-24.2	
-27.1	Receptacle
-58.1	Insulated Wire
-58.2	
-59.9	Connector
12-1296-37.13	Connector, Typical
-49.8	
12-4018-16.1	Connector
-19.1	Connector

(Continued on next page)

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FSC:

D2-6951: Crimping Tool, Terminal, Hand

T.O.:

Manufacturer:

Quantity:

Item Description/Remarks:

FSN:

P/N:

Fed. Code:

See following pages

Also: Crimping tool, pin

(Continued from previous page)

Requirement Origin	Maintenance Function
12-4018-23.1	Insulated Wire
-23.2	
-50.1	Insulated Wire
-50.2	
-54.1	Connector
-101.1	Connector BAC C45BR-2-63
-102.3	Connector BAC C45BN3A
-102.4	
-103.6	Insulated Wire
-104.7	
-132.1	Connector, BAC C45BR-2-63
-133.3	
-133.4	
-135.6	Wire
-135.7	
-136.7	
-201.1	Connector, BAC C45BN3A
-201.2	
-202.4	Connector, BAC C45BR-2-42
-203.6	Wire
-245.5	Connector, BAC C45BN3A
-245.7	Connector, BAC C45BR-2-43
-246.10	Insulated Wire
-247.11	
-274.2	Connector, BAC C45BN3A
-275.4	Connector, BAC C45BR-2-42
-276.7	Insulated Wire
-276.8	
-287.1	Connector, Receptacle
-295.1	
-302.1	
-306.13	Wire
-307.13	
-307.14	
-310.1	Connector
12-1337-23.4	Insulated Wire
-27.1	Receptacle

(Continued on next page)

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FSC: _____
 D2-6951: _____ Crimping Tool, Terminal, Hand
 T.O.: _____
 Manufacturer: _____
 Quantity: _____
 Item Description/Remarks: _____

FSN: _____
 P/N: _____
 Fed. Code: _____

See following pages:

Also: Crimping tool, pin

(Continued from previous page)

Requirement Origin	Maintenance Function
12-1338-15.13	Fuse Holder
12-1367-45.2	Capacitor
-48.1	Socket Plug
-49.10	Insulated Wire
-49.11	
12-1368-34.7	Connector
-35.10	Connector
-36.1	Wire
-36.2	
-46.1	Receptacle
-52.11	
-55.1	Connector
-73.2	Wire
-74.4	Connector
-74.6	
-80.1	Connector
-83.11	Wire
12-1376-5.2	Wire Insulated
12-1377-5.2	Wire Insulated
12-1379-23.1	Insulated Wire
-23.2	
-26.1	Connector
12-1380-12.1	Connector
-14.2	Insulated Wire
12-1385-10.1	Connector
12.11	Wiring
12-1385-10.1	Remove and install pins or inserts on following:
12.0-4152-10.1	Connector
-12.8	Insulated Wire
-22.5	Connector
-30.	Wire
-229.8	Connector
12.0-4252-22.1	Connector
-28.4	Wire

(Continued on next page)

FSC: _____
 D2-6951: Crimping Tool, Terminal, Hand
 T.O.: _____
 Manufacturer: _____
 Quantity: _____
 Item Description/Remarks: _____

FSN: _____
 P/N: _____
 Fed. Code: _____

See Following pages.

Also: Crimping tool, pin

(Continued from previous page)

Requirement Origin	Maintenance Function
12.0-4252-61.13	Connector
-126.1	Connector
-131.2	Wire
-163.6	Wire
-180.12	Connector
-185.2	Wire
-220.1	Connector
-221.6	Wire
-242.8	Wire
-243.9	Connector
12.0-4319-14.1	Wire
-14.2	Wire
-15.4	Connector
12.0-4445-18.1	Wire
-18.2	Wire
-19.5	Connector - Sequence
-20.7	Connector (J 12)
12.0-4451-7.4	Wiring and Connector
12.0-4489-3.13	Cable Assembly - 12 Conductor
-15.1	Connector, Elect. Receptacle
-18.1	Circuit Breaker
-18.2	Circuit Breaker
-19.1	Wire, Insulated
12.0-4490-17.1	Connector
-19.1	Wire, Insulated
-20.2	Wire, Insulated
-30.1	Connector
-31.8	Wire
-32.8	Wire
-35.9	Connector
-37.11	Wire
-37.12	Wire
-45.1	Connector
-48.4	Wire
-29.5	Wire
-57.15	Wire
-58.16	Wire

(Continued on next page)

FSC: _____
 D2-6951: Crimping Tool, Terminal, Hand
 T.O.: Crimping Tool, Terminal Hand
 Manufacturer: _____
 Quantity: _____
 Item Description/Remarks: _____

FSN: _____
 P/N: _____
 Fed. Code: _____

See following pages

Also: Crimping tool, pin

(Continued from previous page)

Requirement Origin	Maintenance Function
12.0-4490-70.1	Wire
-71.2	Wire
-73.7	Connector
12.0-4491-13.12	Connector, PCA BAC C45B43A
-31.4	Connector
-37.4	Wire
-37.5	Wire
-45.8	Receptacle
-53.14	Cable Bundle and Connector
12.0-3013-37.1	Wire - Insulated
-37.2	Wire - Insulated
-39.5	Connector BAC C4513N2
-40.7	Connector BAC C45DR 14-19P
12.0-3092-56.2	Blower
-92.1	Wire (TYP.)
12.0-3113-4.10	Wire Bundle
-5.12	Receptacle
12.0-4012-22.1	Connector, 39 Pin
12.0-4115-17.4	Receptacle
-18.6	Insulated Wire
-29.3	Receptacle
-30.5	Wire
-31.6	Wire
-33.2	Wire, Insulated
-47.2	Plug Electrical
-48.4	Cable, Electrical
12.0-4150-21.1	Connector
-44.1	Connector
-47.1	Wire
-48.2	Wire
21SM80A-2-5	
21SM80A-2-11	
31X3-12-5-2	
33D7-50-3-1	
I-1320-(2)	Connector, Internal wiring,
	Connector
I-1251-(1)	Connector Receptacle

(Cont'd on following page)

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Crimping Tool, Terminal, Hand

Amphenol

Part Nos.

- a) 194-8X
- b) 194-85
- c) 194-86
- d) 294-20 
- e) 294-358

Crimping tools required for:

1. Amphenol connector pin and insert contacts.
2. MIL-C-26500 connectors.
3. Deutsch "DS" series connectors.

A-MP

Part Nos.

- a) 45640
- b) 46222 
- c) 46223 
- d) 46673
- e) 47566
- f) 49900
- g) 49935
- h) 59239 
- i) 59250 
- j) 59254 
- k) 59275 
- l) 59294
- m) 69091
- n) 90025 

Crimping tools required for:

1. BAC-T12 series terminal and splices.
2. MS25036 terminals and splices.

 High usage item

621
Crimping Tool, Terminal Hand

Bendix

Part Nos.

- a) 11-7350-16
- b) 11-7350-20
- c) 11-6941-5
- d) 11-6941-6



Crimping tools required for:

- 1. Bendix #20 through #16 pin and socket contacts.
- 2. Deutsch "DS" series connectors.

A-MP Inc.
(Harrisburg, Pa.)
Dyna Crimp Set

Part Nos.

- a) 69068
- b) 69066
- c) 303720
- d) 47824
- e) 303776
- f) 69051
- g) 47820
- h) 47821
- i) 47822
- j) 47823
- k) 47918

Power crimping tools for:

- 1. A-MP terminals #8 through #14/0



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Crimping Tool, Terminal Hand

Burndy

Part Nos.

- a) MR8-5
- b) MR8-49
- c) My28
- d) YL4MF
- e) YL4MV
- f) YL4MRC
- g) Y20MRE

Crimping tools required for:

- 1. BAC-T12 series copper terminals.
- 2. BAC-T12G #2/0 through #8 copper flag terminals
- 3. M820659 #8 copper terminals

Cannon

Part Nos.

- a) CCT 1612 
including:
L1612-8
L1612-17
L1612-18
L1612-24
L1612-25
- b) CCT 2016-2
- c) CCT 2016-1 
- d) DIE Set
(HXT-12)

Crimping tools required for:

- 1. Cannon EX-A series connectors.
- 2. Cannon KPT/KST series connectors.

 High Usage Item

621
Crimping Tool, Terminal

Pyle National

Part Nos:

- a) TP200935-1 
- b) TP200935-2
- c) TP200935-3
- d) TP200935-10
- e) TP201003B
- f) TP201004B
- g) TP201005B
- h) TP201006B
- i) TP201051
- j) TP201052
- k) TP201100XM
- l) TP201014
- m) TP201100E
- n) TP201100G
- o) TP201100B
- p) TP201001B
- q) TP201001A
- r) TP201002A
- s) TP201002B

Crimping tools required for:

- 1. Pyle National Connector.
- 2. BAC C47AE and BAC C47AF

Power crimping tools required
for Pyle National pin 8 socket
contacts #8 through #1/0

 High Usage Item

081

Crimping Tool, Terminal Hand

Burady

Part Nos.

- a) Y29BR
- b) Y29BNP

Power crimping tools required
for installation of #00 to #8
copper flag terminals.

Thomas & Betts

Part Nos.

- a) WT 131
- b) WT 200
- c) WT 201-03-10
- d) WT 201-06-08
- e) WT 217-18
- f) 12 ton head
#13642



Crimping tools required for:

- 1. BAC-T12 terminals.
- 2. BAC-S13S termination sleeves.

▷ High Usage Item

Miscellaneous Tools

MS 25037-1,

FSN: 5120-596-9313

Crimping Tool
Crimping Tool die
Adapter
"C" Washer Removing Tool
Wire Dress Tool
Applicator, retaining ring
Dispenser, retaining ring

P/N 8541438
P/N 8541439
P/N 8485962-1
P/N 8489037-1
P/N 520325
P/N CR-12
P/N 5103-12

RCA

Waldes Kohinoor Inc., Truarc
Retaining Rings Division, Long
Island City, New York

02-4871-1000

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Fed. Code:

1. Wheel type pipe cutter, three cutter wheels with accessory rollers to convert to one wheel, two roller type; cuts 1/8" to 2" dia. pipe; Fed. Spec. GGG-C-771b.

Requirement Origin	Maintenance Function
11-1424-14.8	Used to prepare cable for connector
11-1425-29.8	

2E1

FSC: Cutter, Pipe		PSN: 5110-221-1049
D2-6951: Pipe Cutter		P/N:
T.O.: Tube Cutter		Fed. Code:
Manufacturer:		
Quantity: 7		
Item Description/Remarks:		
Wheel type; hand screw feed, sliding; 2 to 4 in. nom pipe size cutting range; 1 cutter.		
▷ Also: Pipe cutter		

R

Requirement Origin	Maintenance Function
12.0-1278-7.4	Prepare cable for splicing
12.0-1226-3.2	Form and strap cable
12.0-1339-25.2	Prepare cable for splicing
21SM8QA-2-20	Cut cable outer jacket armor
12.0-1228-2.1	Cut through cable (1 1/4 to 3 in. dia)
12-1339-5.2	

W
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CCP 901

WISSO C

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SEC

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EE1

FSC: Degreaser
 D2-6951: Washer, Parts
 T.O.:
 Manufacturer:
 Quantity:
 Item Description/Remarks:

PSN: 4940-337-0393
 P/N:
 Fed. Code:

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Requirement Origin

12.0-4075-11.10

Maintenance Function

Clean Filter, Wire Woven

12



121

FSC: _____
 D2-6951: Deionized Water Supply
 T.O.: _____
 Manufacturer: _____
 Quantity: ☐ _____
 Item Description/Remarks:

FSN: _____
 P/N: _____
 Fed. Code: _____

☐ To be replenished as necessary to support program requirements; total required to completely refill G&C section - 150 gallons

1. See following page

Requirement Origin	Maintenance Function
12.0-4191-2.3	Thoroughly clean tank interior, (Liquid Storage Tank)
12.0-GCS"O"-3.3 -11.9	Use to service coolant of Guidance and Control section

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SE1
()

()

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Deionized Water:

1. Water must be deionized or distilled
2. Dissolved solids content of water must not exceed 10 ppm when tested per ASTM D 1069-58.
3. Water must not contain any particles larger than 150 microns in any dimension.
4. Five inch depth of water sample is to be viewed in a glass cylinder with lighting behind. The sample must exhibit no cloudiness, opalescence, or particulate matter when so viewed.
5. Used with sodium chromate powder to make sodium chromate concentrate.

921

FSC: <u>Desiccant, Activated</u> D2-6951: <u>Silica Gel</u> T.O.: _____ Manufacturer: <u>Wilkerson Corp., Englewood, Cal.</u> Quantity: <u>Exp.</u> Item Description/Remarks:		FSN: - P/N: Model 85-059 Fed. Code: 98963
1. Blue silica gel; per MIL-D-3716A		
Requirement Origin 12-4150-2.3	Maintenance Function Replace the absorption material in the Guidance Section cooler test set.	

921

LE1

FSC: Desiccant, Activated
 D2-6951: Molecular Sieve Compound
 T.O.: _____
 Manufacturer: Wilkerson Corp., Englewood, Cal.
 Quantity: Exp.
 Item Description/Remarks:

FSN: -
 P/N: Model 85-061
 Fed. Code: 98963

1. Granular shaped pellets, 1/8 in. dia; per MIL-D-3716A

Requirement Origin

12.0-4150-2.3

Maintenance Function

Replace the absorption material in dehydrators

100

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851

FSC: _____
 D2-6951: _____
 T.O.: Dew Point Tester
 Manufacturer: Alnor Instrument and Pyrometer Co., Chicago, Ill
 Quantity: 2
 Item Description/Remarks:

FSN: -
 P/N: 7000 u
 Fed. Code: 01518

Requirement Origin

21SM80A-2-20

Maintenance Function

Check Moisture level in cables

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5E1

FSC: Diode

D2-6951:

T.O.: Diode

Manufacturer:

Quantity: 1

Item Description/Remarks:

PSN: 5960-754-9566

P/N:

Fed. Code:

Requirement Origin

33D9-6-21-1

Maintenance Function

Check Relay Circuit



2E1

ch/

FSC: Dispensing Pump, Hand Driven
 D2-6951: Dispensing Pump, Hand Driven
 T.O.: _____
 Manufacturer: _____
 Quantity: 1

PSN: 4930-294-6897(BP)
 P/N: _____
 Fed. Code: _____

Item Description/Remarks:

1. Adjustable barrel pump; draws gasoline, oil, or kerosene in 1-quart quantities. Telescoping pipe, fitting 1-1/2 and 2 inch openings, adjusts for 15 to 60 gallons barrels or drums. Complete with non-drip nozzle, bottle-fitting nipple, ball-handle grip, locking device, and covered drain pan with screen.

Requirement Origin

11-1211-9.1
 11-1212-9.1

Maintenance Function

Add Lube oil to compressor



1/1

FSC: <u>Distilled Water, Technical</u> D2-6951: _____ T.O.: <u>Demineralized Water</u> Manufacturer: _____ Quantity: <u>Exp.</u> Item Description/Remarks:		FSN: 6810-286-3783(BP) P/N: Fed. Code:
1. MIL-W-2855 2. 5.00PPM max. total solids 3. 1 Gal Bottle		
Requirement Origin 21SM80A-2-11	Maintenance Function Maintain level at storage battery	

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2/1

FSC: Dowel, Wood

D2-6951: Dowel, Wood

T.O.:

Manufacturer:

Quantity: 150

Item Description/Remarks:

FSN: 5510-237-8254 (BP)

P/N:

Fed. Code:

1. Diameter: 1/8-in., average 36-in. random length birch or maple

Requirement Origin

12-1241-2.2

12-1330-3.2

Maintenance Function

Means must be provided to clear bleed ports

Check 1/4 inch breathing ports (1/8 inch dowel)

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EH1

FSC: Drain Pan, Hydraulic Fluid

D2-6951: Pan, Drain, Shallow, 1/2 Gallon Capacity

T.O.:

Manufacturer:

Quantity:

Item Description/Remarks:

FSN: 7350-272-9483

P/N:

Fed. Code:

1.. Stainless steel tray, 25 in. x 12 in. x 1-1/4 in.

Requirement Origin

12-3066-3.6
-4.10

12-4102-4.1
-5.5
-9.1

Maintenance Function

A means to collect hydraulic fluid from the hydraulic system during pump replacement

134

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hh1

FSC: <u>Drift Pin</u>		PSN: 5120-241-3523
D2-6951: _____		P/N: 41-D-1540
T.O.: <u>Drift Pin</u>		Fed. Code: 00000
Manufacturer: _____		
Quantity: <u>2</u>		
Item Description/Remarks: 3/4 in. largest dia., 12 in. long over-all		
Requirement Origin D2-13608-2, Vol. IV	Maintenance Function Align wheels	

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chl

FSC: <u>Drill, Electric, Portable</u> D2-6951: _____ T.O.: _____ Manufacturer: _____ Quantity: <u>8</u> Item Description/Remarks:		FSN: 5130-293-1849 P/N: _____ Fed. Code: _____
1. Spec: W-B-661b, Type III, Class A. 2. Heavy Duty, 650 RPM, 115V, 1/2" Capacity		
Requirement Origin 12-1217-18.6 11-1326-14.2 -15.4	Maintenance Function Repair to Rails, Sliding Doors Used with Wire Brush to clean mounting area of plate, Electrical Shield, LCC.	

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7/1
FSC: Driver Bit, Hi-Torque Bolt, Recessed

D2-6951:

T.O.: Hi-Torque Screwdriver

Manufacturer: Hi-Shear Rivet Tool Co., L. A., Calif.

Quantity: 20 ea.

Item Description/Remarks:

FSN: 

P/N: 

Fed. Code: 73197



Consists of:

Screwdriver, Hi-Torque

Part No.

HTSS-1-5

HTSS-2-5

FSN

-

-

Driver, Hi-Torque

HTS-3

HTS-4

HTS-5

5120-783-9095

-

5120-793-7513

Requirement Origin

Maintenance Function

2.0 (II SK 25-22294)
Sheet 2 - 2.0.1

Loosen shipping container closure clamps and NS10P/Q lower interface to support ring fasteners: (prepare replacement G&C Section for installation)

3.0 (25-22294)-3.13.3

Disconnect G&C Section mechanically from missile

-3.15.2

Prepare replacement G&C Section for installation

-3.15.3

Mate G&C section mechanically to 3rd stage

21SM80A-2-16

Loosen MCP Slotted Screws

21-SM80A-2-8

21-SM80A-2-5

Remove panel from code units

REVISED C

US 4200 2000

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LP1

FSC: Drum, Metal

D2-6951: Container (Drums), Hydraulic Fluid

T.O.: Barrel

Manufacturer:

Quantity: 201 1

Item Description/Remarks:

FSN: 8110-281-8967

P/N:

Fed. Code:

Also: Drums, 55 Gal.
Drum, 50 Gal.
Drum, Metal, 30 Gal.
Container, Liquid Coolant

165 used as fire extinguishing equipment, 1/LCF Support building,
1/Launcher area; use with pail metal (FSN: 7240-634-0437)

Reference: BSD Letter BSSA/Mr. Jacobson/6657 dated 4-16-62

Requirement Origin

12.0-4075-22.1
-23.5
-24.10
-26.1
-28.1
-29.10

12.0-GCS 0-9.7

11-1209-10.1
-22.1
11-1210-13.6
11-1211-30.1
11-1212-28.1

D2-13608-2, Vol. II

2

Maintenance Function

Receive 150 gal of hydraulic fluid from the T-E hydraulic
system reservoir

A means to contain approximately 150 gallon of contaminated
liquid coolant from the G&C section
Transfer water from sump to storage

Used in checkout of pump assembly
Temporary storage of brine solution

Removal of Sump Pump

OP1

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FSC: Dry Cleaning Solvent

D2-6951: Solvent, Commercial 2

T.O.: Solvent

Manufacturers:

Quantity: Exp.

[illegible]

1. Fed. Spec. PS-661B, Type 1

Also: Dry cleaning solvent

Also: Standard cleaning fluid
Standard solvent

PSN: 6850-264-9039 (BF)

P/N:

Fed. Code:

Requirement Origin

Maintenance Function

21SM80A-2-19

Clean hydraulic operated equipment

21-SM80A-2-11

Rinsing oil filter screen

12-1207-6.4

Service air drier compressor

12.0-4075-11.10

Clean Filter, Wire Woven

671

FSC:		FSN:	
D2-6951:	Dummy Load	P/N:	
T.O.:		Fed. Code:	
Manufacturer:			
Quantity:			
Item Description/Remarks:			

1. Use Figure A's 4167 and 4152

Requirement Origin

Maintenance Function

- 12-4018-153.1
- 158.11
- 167.7
- 169.10
- 178.7
- 180.10
- 184.1
- 186.4
- 188.7
- 188.10
- 208.3
- 218.1
- 221.4
- 223.7
- 226.10
- 229.1
- 252.3
- 259.1
- 260.1
- 261.4
- 263.7
- 264.10

A means must be provided to operate the Power Supply Drawer underload.

13

25

FSC: Dummy Load

D2-6951: Dummy Load

T.O.:

Manufacturer: Rad Electronic Corp. Cleveland, Ohio

Quantity: 6

Item Description/Remarks:

FSN: 5985-970-1865

P/N: 884

Fed. Code: 70998

Requirement Origin

12-HF/UHF "O"

Maintenance Function

Use to load down HF & UHF transmitter while measuring power with a power meter to determine amount of power under load.

()

ah

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NO D2-17961
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FSC: _____
D2-6951: _____
T.O.: Dwell Angle Meter
Manufacturer: Snap On Tools Corp., Kenosha, Wisconsin
Quantity: 1
Item Description/Remarks:

FSN: -
P/N: MT-415B
Fed. Code: 55719

Combination Tach-Dwellmeter

Requirement Origin

TO-35D3-11-25-1

Maintenance Function

Check dwell angle of distributor on engine

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FSC: _____
 D2-6951: Elastomer Rubber Cement
 T.O.: Elastomer Rubber Cement
 Manufacturer: U. S. Rubber Co., Mishawaka, Indiana
 Quantity: _____ Exp. _____
 Item Description/Remarks:

PSN: -
 P/N: 5038
 Fed. Code: 89616

1. U. S. Royal Industrial Adhesive

Requirement Origin

Maintenance Function

12.0-1278-8.4

Install inner sleeve, Splice case

12.0-1226-4.2

12.0-1339-25.2

Install inner sleeve, Load Coil assembly

21-SM80A-2-20

Cement grommets together

851

()

FSC: <u>Emergency Rescue Kit, LCC</u>		PSN: <u>1</u>
D2-6951: _____		P/N: _____
T.O.: _____		Fed. Code: _____
Manufacturer: _____		
Quantity: <u>15</u> <u>2</u>		
Item Description/Remarks:		
<u>1</u> See following pages		
<u>2</u> 1 per LCC		
<u>3</u> BSD Letter BSQRT/Maj. Reeb/2008 dated 8-23-62		

Requirement Origin	Maintenance Function
<u>3</u>	

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Emergency Rescue Kit, LCC

Hood, Aluminized
FSN: 8415-526-9045
Qty: 2

Coat, Aluminized
FSN: 8415-530-4079
Qty: 2

Trousers, Aluminized
FSN: 8415-531-2116
Qty: 2

Blanket, Rubber
FSN: 5970-296-5322
Qty: 2

Gloves, Rubber
FSN: 8415-205-1878
Qty: 2 pair

Gloves, Leather
FSN: 8415-264-3618
Qty: 2 pair

Gloves, Protective, Firefighting
Per MIL-G-27339
Qty: 2 pair

Boots, Fireman's
FSN: 8430-753-5935
Qty: 2 pair

Mask, Air, Self Contained
Mine Safety Appliance Co., Pittsburgh, Pa. (40912)
Part No: B-8315
Qty: 2

Suspension harness
Mine Safety Appliance Co., Pittsburgh, Pa. (40912)
Part No: CF-46935
Qty: 1

Lifeline (3/4" polypropylene, 3 strand; 4200 lb. tensile strength)
Mine Safety Appliance Co., Pittsburgh, Pa. (40912)
Part No: 100-352R
Qty: 200 ft.

Basket (with straps, built-in splints, attached lifting ring)
Safety Specialty Co., Inc.
Part No.
Qty: 1



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Hydra-lift porto-power set (4 ton capacity)

Part No: BM-37717

Qty: 1

Bar, Wrecking

FSN: 5120-293-0665(BP)

Qty: 2

Voice Gun, Portable

Holmin Mfg. Co.,

Part No: Model A-12

Qty: 1

Block, Single Sheave (8 inch with hook; for 3/4" lifeline)

Mine Safety Appliance Co., Pittsburg, Pa. (40912)

Part No. 100-350C

Qty: 1

Sling, Saf-T-Grip (nylon web, 1 3/4" Wide X 48" long; 2500 lb. cap.)

E. D. Bullard Co., San Francisco, Cal. (09729)

Part No:

Qty: 1

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FSC: <u>Enamel</u> D2-6951: <u>Paint, Oil Red</u> T.O.: _____ Manufacturer: _____ Quantity: <u>Exp. 1</u> Item Description/Remarks:		FSN: 8010-527-3199(BP) P/N: _____ Fed. Code: _____
1. High-gloss alkyd resin enamel; red, Fed Std 595, Color No. 11136; Fed Spec TT-E-489c.		
▷ Basis of issue: 1 qt. can		
Requirement Origin 11-1241-12.13	Maintenance Function Means must be provided to illustrate markings on Actuator Rod	

251

LSI

FSC: _____
 D2-6951: Extension Cord, 50 Ft. _____
 T.O.: _____
 Manufacturer: _____
 Quantity: 43 _____
 Item Description/Remarks:

PSN: _____
 P/N: _____
 Fed. Code: _____

1. See following page

Requirement Origin

Maintenance Function

12-1323-2.1
 12-1329-2.1

A means to extend power supply to:
 Vacuum cleaner

LSI

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851
Extension Cord, 50 feet.

Cable, Power, Electrical

FSN 6145-643-3482 (BP)

Portable heavy duty cable, 250 foot coil;
rubber sheathed; 600 V; triple conductor,
AWG No. 14; Fed. Spec. J-C-90a.
Qty: 50 ft. per extension cord.

Connector, Plug

FSN 5935-553-2796 (BP)

Electrical attachment plug caps; 3 wire,
grounding-type, polarized; rubber plug
with cord grip; 15 amp., 125 V; Fed Spec W-C-596.
Qty: 1 per extension cord

FSN 5935-577-0287 (BP)

Electrical cord connector plug bodies; 3 wire,
grounding-type, polarized; plastic composition
with armored cord grip; 15 amp, 125 V; Fed Spec W-C-596
Qty: 1 per extension cord

551

FSC: Extinguisher, Fire

D2-6951:

T.O.:

Manufacturer:

Quantity: 360

Item Description/Remarks:

1. Hand-pump pressure, 2 1/2 gal. capacity
Use with antifreeze type charge, Fire Extinguisher,
FSN 4210-720-1816, 2 1/2 gallon metal screw top can
Qty: Exp.

1 2/LCF Support Building, 2 in lieu of each 55 gallon water drum in LCF
Support Buildings and Launcher Areas during winter.

2 Reference: BSD Letter BSSSA/Mr. Jacobson/6657 dated 4-16-62

FSN: 4210-251-7904 (BP)

P/N:

Fed. Code:

Requirement Origin

Maintenance Function

2

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FSC: Extinguisher, Fire, Carbon Dioxide

D2-6951: Extinguisher, Fire, Dry Chemical

T.O.: Extinguisher, Fire, Carbon Dioxide

Manufacturer:

Quantity: 262 1

Item Description/Remarks:

PSN: 4210-174-1370

P/N:

Fed. Code:

1 255 used as Fire Extinguishing Equipment; 3/LCF Support Bldg.,
1/LF Support Bldg., 3/LCC, 1/Water Well Pump House and Garage 2

2 Reference: BSD Letter BSSSA/Mr. Jacobson/6657 dated 4-16-62

1. 15 pound, charged, hand type, permanent shut-off valve, squeeze grip control, shatterable cylinder; per Mil Spec. MIL-E-468A, Type I.

Requirement Origin

6-(25-18771-6)-
6.1.3.2

2

21-SM80A-2-20

12.0-1278-7.4
12.0-1339-22.1

Maintenance Function

Provide a means to protect personnel and equipment against fire in LCC. The system shall not imperil the operating capability of the personnel.

Fire protection during depotting and cable splice

Extinguish accidental ignition of potting compound.

CCP 901

REVISED

c

U.S. 4100 1000

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FSC: _____
 D2-6951: Extractor-Insert Tool, Connector Contacts
 T.O.: _____
 Manufacturer: _____
 Quantity: To be determined by SAC/BSD/COMMA
 Item Description/Remarks:

PSN: _____
 P/N: _____
 Fed. Code: _____

See Following pages

Requirement Origin	Maintenance Function
12-4523-25.11	Use to remove and replace damaged pins or sockets from: Electrical Connector, Terminal Block
-25.12	
-29.13	
-32.5	
-32.6	
12-4539-20.1	Receptacles
-34.11	
-34.12	
12-4566-5.12	Electrical Connector
12-4601-6.12	
-7.14	
-8.15	
12-4632-10.14	
-12.1	
-12.2	
-19.8	
-19.12	
-20.13	
-22.3	
-39.1	
-39.2	
-50.3	
-51.4	
-51.5	
-57.15	
-59.1	
-59.2	
12-4633-11.14	Used to remove and replace damaged pins or sockets from components of: Electrical Connectors
-13.1	
-13.2	
-19.8	
-19.12	
-20.13	
-28.13	

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FSC: _____
 D2-6951: Extractor-Insert Tool, Connector Contacts
 T.O.: _____
 Manufacturer: _____
 Quantity: _____
 Item Description/Remarks: _____

FSN: _____
 P/N: _____
 Fed. Code: _____

See following pages

(Continued from previous pages)

Requirement Origin	Maintenance Function
12-4633-28.3	
-29.4	
-29.5	
-32.3	
-34-3	
-36.3	
-38.3	
-48.15	
-50.1	
-50.2	
12-4643-4.8	Test Equipment Elect. Facility Base Maint.
-6.13	
-6.14	
12-1412-18.14	VRSA
12-1337-23.4	Electrical Power System Launcher
-23.5	
-27.1	
	Used to replace or remove damaged pins or sockets from:
	Control and Monitor System
12-1201-17.7	
-18.8	
-20.1	
-48.7	
-48.8	
-51.1	
-63.1	
-63.2	
-64.8	
-82.1	
-82.2	
-83.8	
-105.1	
-105.2	
-106.8	
-114.1	
-117.1	
-117.3	

(Continued on next page)

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FSC: _____
 D2-6951: Extractor-Insert Tool, Connector Contacts
 T.O.: _____
 Manufacturer: _____
 Quantity: _____
 Item Description/Remarks: _____

FSN: _____
 P/N: _____
 Fed. Code: _____

See following pages

(Continued from previous pages)

Requirement Origin	Maintenance Function
12-1214-48.1	Ground Cooling System
-50.1	
-50.2	
12-1243-34.11	Electrical Connector
-37.7	Control and Monitor System
-38.8	
-69.1	Connector, Electrical Receptacle
-72.1	Cable, Two Conductor, Twisted
-72.2	
78.9	Connector, Electrical Plug
-81.1	Wire-Shielded and Jacketed
-81.2	
-108.11	
-109.12	
-87.1	Connector, Electrical Plug BAC C45AF12-10SW
-88.7	Insulated Wire
-88.8	
-97.1	
-97.2	
-94.9	Connector, Electrical Plug, BAC C45BP2A-63
-107.9	Connector, Electrical Plug, BAC C45AE12-10SW
-114.9	Connector, Electrical Plug, BAC C45AE20-16P
-115.11	Insulated Wire
-116.12	
12-1283-68.1	Socket, Plug
-69.10	Insulated Wire, Control and Power
-69.11	
12-1243-121.9	Connector, Electrical Plug, BAC C45A18-11S
-122.11	Wire, Insulated
-122.12	
-127.7	Connector Electrical Plug, BAC C45CK16A14S1
-127.9	
-128.11	Wire, Insulated
-129.12	
-134.7	Connector, Electrical Plug, BAC C45CK16A26P
-134.9	

(Continued on next page)

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FSC: _____
 D2-69.1: Extractor-Insert Tool, Connector Contacts
 T.O.: _____
 Manufacturer: _____
 Quantity: _____
 Item Description/Remarks: _____

FSN: _____
 P/N: _____
 Fed. Code: _____

See following pages.

(Continued from previous pages)

Requirement Origin	Maintenance Function
12-1243-137.1	Wire, Insulated
-137.2	
-143.9	Connector, Electrical Plug, BAC C45AEM-5S
-145.11	Wire, Insulated
-145.12	
-151.9	Connector, Electrical Plug
-153.1	Wire, Insulated
-153.2	
-160.9	Connector, Electrical Plug, BAC C45AEL6-26P
-163.1	Wire, Shielded and Jacketed
-163.2	
12-1284-44.1	Insulated Wire
-44.2	
-45.9	Connector
12-1289-24.1	Insulated Wire
-24.2	
-27.1	Receptacle
-58.1	Insulated Wire
-58.2	
-59.9	Connector
12-1296-16.6	Connector (Typical)
-16.7	
-17.12	
-37.6	
-37.7	
-37.13	
-45.10	Filter
-45.11	Connector (Typical)
-48.6	
-48.7	
-49.8	
12-4018-16.1	Connector, BAC C45CK20A07P
-19.1	Connector, BAC C45GH3A156PU
-23.1	Insulated Wire
-23.2	
-32.12	Rear Frame, Control Board

(Continued on next page)

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FSC:

D2-6951:

Extractor-Insertor Tool, Connector Contact

FSN:

P/N:

T.O.:

Fed. Code:

Manufacturer:

Quantity:

Item Description/Remarks:

See Following pages.

(Continued from previous page)

Requirement Origin

Maintenance Function

12-4018-50.1

Insulated Wire

-50.2

Connector

-54.1

Connector, BAC C45ER-2-63

-101.1

Connector, BAC C45EN3A

-102.3

-102.4

Insulated Wire

-103.6

Connector, BAC C45ER-2-63

-104.7

-132.1

Wire

-133.3

-133.4

-135.6

Connector, BAC C45EN3A

-135.7

-136.7

Connector, BAC C45ER-2-42

-201.1

Wire

-201.2

-202.4

Electronic Equipment Assembly

-203.6

-204.7

Connector, BAC C45EN3A

-234.14

-234.15

Connector, BAC C45ER-2-43

-244.4

Insulated Wire

-245.5

-245.7

Electronic Equipment Assembly

-246.10

-247.11

Connector, BAC C45CN3A

-271.8

-271.9

Connector, BAC C45ER-2-42

-274.1

Insulated Wire

-274.2

-275.4

Connector, Receptacle

-276.7

-276.8

-277.1

-295.1

-302.1

(Continued on next page)

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FSC: _____
 D2-6951: Extractor-Insert Tool, Connector Contacts
 T.O.: _____
 Manufacturer: _____
 Quantity: _____
 Item Description/Remarks: _____

FSN: _____
 P/N: _____
 Fed. Code: _____

See following pages.

(Continued from previous page)

Requirement Origin	Maintenance Function
12-4018-306.13	Wire
-307.13	
-307.14	
-310.1	Connector
12-1337-22.3	Insulated Wire
-23.4.	
-27.1	Receptacle
12-1367-48.1	Socket Plug
-49.10	Insulated Wire
-49.11	
12-1368-35.10	Connector
-36.1	Wire
-36.2	
-46.1	Receptacle
-52.10	Wire
-53.11	
-55.1	Connector
-73.1	Wire
-73.2	Wire
-74.4	Connector
-74.6	
-80.1	Connector
-82.10	Wire
-83.11	Wire
12-1376-5.1	Wire Insulated
-5.2	Wire Insulated
-9.1	Connector
-9.2	
12-1377-5.1	
-5.2	Wire Insulated
-7.1	
-7.2	Connector, J02
12-1379-23.1	Insulated Wire
-23.2	
-26.1	Connector

(Continued on next page)

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FSC: _____
 D2-6951: Extractor-Insert Tool, Connector Contacts
 T.O.: _____
 Manufacturer: _____
 Quantity: _____
 Item Description/Remarks: _____

PSN: _____
 P/N: _____
 Fed. Code: _____

See following pages.

(Continued from previous page)

Requirement Origin	Maintenance Function
12-1380-12.1	Connector
-14.1	Insulated Wire
-14.2	
12-1385-10.1	Connector
-11.10	Wiring
-12.11	
	Replace damaged pins or inserts on following:
12.0-4152-10.1	Connector
-11.7	Insulated Wire
-12.8	Insulated Wire
-22.5	Connector
-30.	Wire
-229.8	Connector
12.0-4252-22.1	Connector
-28.4	Wire
-61.13	Connector
-126.1	Connector
-131.2	Wire
-159.12	Connector
-163.6	Wire
-180.12	Connector
-185.2	Wire
-220.1	Connector
-220.5	Wire
-221.6	Wire
-242.8	Wire
-243.9	Connector
12.0-4319-10.13	Connector - Plug Shorting
-10.15	Connector - Plug Shorting
-14.1	Wire
-14.2	Wire
-15.4	Connector
12.0-4445-18.1	Wire
-18.2	Wire

(Continued on next page)

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FSC: D2-6951: Extractor-Insertor Tool, Connector Contacts
T.O.:
Manufacturer:
Quantity:
Item Description/Remarks:

FSN:
P/N:
Fed. Code:

See following pages

▷ Also: Insertor-Extractor Tool

(Continued from previous page)

Requirement Origin	Maintenance Function
12.0-4445-19.5	Connector - Sequence
-20.7	Connector (J 12)
12.0-4451-7.4	Wiring and Connector
12.0-4489-3.13	Cable Assembly - 12 Conductor
-15.1	Connector, Elect. Receptacle
12.0-4490-17.1	Connector
-19.1	Wire, Insulated
-20.2	Wire, Insulated
-30.1	Connector
-31.8	Wire
-32.8	Wire
-35.9	Connector
-37.11	Wire
-37.12	Wire
-45.1	Connector
-28.4	Wire
-49.5	Wire
-57.15	Wire
-58.16	Wire
-70.1	Wire
-71.2	Wire
-73.7	Connector
12.0-4491-13.12	Connector, PCA BAC C45EN3A
-31.4	Connector
-37.4	Wire
-37.4	Wire
-45.8	Receptacle
12.0-3013-37.1	Wire - Insulated
-37.2	Wire - Insulated
-38.4	Connector, BAC C45EN2
-39.5	Connector, BAC C45EN2
-40.7	Connector, BAC 45DR 14-19P
12.0-3092-76.5	Connector
-76.7	Connector (TYP)
-76.8	Connector (TYP)
-75.4	Connector

(Continued on next page)

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FSC: D2-6951 Extractor-Insertor Tool, Connector Contacts
 T.O.: Extractor-Insertor Tool
 Manufacturer: _____
 Quantity: _____
 Item Description/Remarks: _____

PSN:
 P/N:
 Fed. Code:

See following pages

▷ Also: Extractor - Insertor Tool, Taper Pin

(Continued from previous page)

Requirement Origin	Maintenance Function
12.0-3092-90.8	Connector (TYP)
-90.9	Connector (TYP)
-92.1	Wire (TYP)
12.0-3113-4.10	Wire Bundle
-5.12	Receptacle
12.0-4012-22.1	Connector, 39 Pin
12.0-4115-17.4	Receptacle
-18.6	Insulated Wire
-19.7	Insulated Wire
-29.3	Receptacle
-30.5	Wire
-31.6	Wire
-47.2	Plug Electrical
-48.3	Cable, Electrical
-48.4	Cable, Electrical
12.0-4150-21.1	Connector
-44.1	Connector
-47.1	Wire
-48.2	Wire
12.0-4523-29.13	Used to remove and replace pins in connectors and terminal blocks
12.0-1296-45.10	
-45.11	
-48.6	
-48.7	
12.0-1338-14.9	
-14.10	
21SM80A-2-5	
21SM80A-2-11	
31X3-12-8-2	
33D7-50-3-1	
33D9-111-3-1	
I-1320-(1)	Connector, Internal Wiring
I-1251-(4)	Connector
	Launch Enable Unit
	Connector Receptacle
	Converter, Waveform CV 1253

(Cont'd on following page)

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↑
A

FSC: _____
 D2-6951: Extractor-Inserter Tool, Connector Contacts
 T.O.: Extractor-Inserter Tool
 Manufacturer: _____
 Quantity: _____
 Item Description/Remarks: _____

YSN: _____
 P/M: _____
 Fed. Code: _____

See following pages

Also: Extractor - Inserter Tool, Taper Pin

(Cont'd from previous page)

Requirement Origin	Maintenance Function
I-1251-(6)	Internal Wiring
I-1265-(2)	Connector
	Wire
I-1303-(4)	Connector, Receptacle
	Wire
	Connector Receptacle
I-1302-(3)	Internal Wiring
	Connector Receptacle
	Internal Wiring
I-1213-(4)	Connector Receptacle
	Converter, Digital to Diphas CV 1236
	Connector, Receptacle
	Connector
I-1228-(4)	Internal Wiring
	Connector
	Connector, Receptacle
	Connector
I-1279-(1)	Internal Wiring
	Connector

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Extractor-Insertor Tool, Connector-Contacts

AMPhenel

Part Nos.

- a) 294-89
- b) 294-97
- c) 294-88
- d) 294-96
- e) 200X322-153



Extraction tools required for
Amphenel connectors.

Insertion tools required for
Amphenel connectors.

A-MP

Part Nos.

- a) 200823-1
- b) 380305-1
- c) 200826-5
- d) 380375-1
- e) 495882-3
- f) 380518-6
- g) 395025
- h) 395032
- i) 495882-3



Extraction tools required
for A-MP connectors.

Insertion tools required for
A-MP connectors.

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 High Usage Item

Extractor-Insertor Tool, Connector Contacts

Bendix Aviation Corp., Scintilla Div., Sydney, New York

Part Nos.

- a) 11-6900
- b) 11-6781
- c) 11-6782
- d) 11-7345
- e) 11-6784
- f) 11-6147



Extraction tool required for Bendix connectors.

Insertion tools required for Bendix connectors.

Cannon Electric Company, Los Angeles, California

Part Nos.

- a) CET C-3
- b) CET 8-1
- c) CET 12
- d) CET 16-2A
- e) CET 16-7
- f) CET 20-1A
- g) CIT 8-2
- h) CIT 12
- i) CIT 16
- j) CIT 20
- k) CIT 20-8A
- l) CIT 20-9A
- m) CET 20
- n) CET 16



Extraction tools required for Cannon connectors.

Insertion tools required for Cannon connectors.



High Usage Item



Connector Plier

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Extractor-Insertor Tool, Connector Contacts

Deutsch

Part Nos.

- a) M15515-16
- b) M15515-20
- c) M15513-16
- d) M15513-20



Extraction tools required for
Deutsch "DS" series connectors.

Insertion tools required for
Deutsch "DS" series connectors.

Pyle National

Part Nos.

- a) TP201055-1
- b) TP201009-3
- c) TP201054-1
- d) TP201010-3
- e) TP201054-1
- f) TP201011-3
- g) ZZL-R9511-12
- h) ZZL-R9511A-20
- i) TP201000-TH
- j) TP201000-EBS
- k) TP201000-EBL
- l) TP201000TL
- m) TP201000WF
- n) TP201007A
- o) TP201007B
- p) TP201033A
- q) TP201033B
- r) TP201047-1
- s) TP201048-1
- t) TP201049-1
- u) ZZL-R9510-12
- v) ZZL-R9510-A-20



Extractor tools required for
Pyle National Connectors.

Insertion tools required for
Pyle National connectors.



High Usage Item

hcl

FSC: _____ D2-6951: <u>Fiberglass Insulation Repair Kit</u> T.O.: _____ Manufacturer: _____ Quantity: <u>Exp.</u> Item Description/Remarks:		PSN: _____ P/N: _____ Fed. Code: _____
1. Contains items listed on following page.		
Requirement Origin 12.0-4191-3.5	Maintenance Function A means to remove damaged insulation sections, and cut and fit replacement sections.	

61
Fiberglass Insulation Repair Kit:

Based on the preliminary information available, the Insulation Repair Kit should contain the following:

- a) Container
- b) Stafoam AA-402 (Pourable), American Latex Products Co., Hawthorne, Calif.
- c) Resin "R" and Catalyst "CA"
- d) Serrated Edge Knife
- e) Waxpaper reinforced with heavy cardboard
- f) Hypolon (GACO H₂), GACO-Western Inc., Seattle, Wash.
- g) Brushes, rubber gloves, solvent, disposable container, etc.

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FSC: _____
 D2-6951: Fiberglass repair kit.
 T.O.: _____
 Manufacturer: _____
 Quantity: Exp. _____
 Item Description/Remarks:

FSN:
 P/N:
 Fed. Code:

1. Contains items listed on following page.

Requirement Origin	Maintenance Function
12.0-4179-2.3	Repair Structure Case
-2.5	
12.0-1424-2.5	Repair Fiberglass dome
12.0-4115-98.13	Repair Overheat Sensor
-105.14	Repair Insulation

R

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221

FSC: _____
D2-6951: _____
T.O.: Fiberglass Repair Kit, TE
Manufacturer: _____
Quantity: 1
Item Description/Remarks:

FSN: _____
P/N: _____
Fed. Code: _____

▷ Contains expendable items listed on following page

Requirement Origin

TO 35D3-11-25-1

Maintenance Function

Repair TE Missile Container

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Fiberglass Repair Kit

Based on the preliminary information available, the Fiberglass Repair Kit should contain the following items:

- a. Container
- b. DION-150-DR-67 Resin (Durkin Chem. Co.,)
Seattle, Washington
- c. #181 Fiberglass Fabric (Western Fibrous Glass Products)
San Francisco, California
(87473)
- d. Metal Roller, Brushes, Disposable Containers, etc.
- e. Solvent, rubber gloves, catalyst, etc.

541
Fiberglass Repair Kit, TE

This repair kit should contain:

- (a) Pourable Foam
American Latex Products Corp., Hawthorne, Calif.
Part No: AA-1802
- (b) Rigid Foam
General Plastics Mfg. Co., Tacoma, Wash.
Part No: Latsfoam FR-80 or
Dow Chemical Co., Midland, Mich.
Part No: Thurane FR
- (c) Rigid Foam Adhesive
Technical Research Co., Seattle, Wash.
Part No: Tereco No. 502
- (d) Fiberglass Resin-Polyester
Durez Plastics Div., Hooker Chemical Co., North Tonawanda, N. Y.
Part No: Hetron 353
- (e) Fiberglass Catalyst
Lucidol Div., Wallace and Tiernan, Inc., Buffalo, N. Y.
Part No: Lupersol Delta
- (f) Fiberglass Fabric
MIL-C-9084 with Volan A or Garan finish per MIL-F-9118;
Fabric weave No. 128 and No. 181
- (g) Hypalon (and Accelerator)
Gaco-Western, Inc., Seattle, Wash.
Part No: GACC HYPALON H-2, White
- (h) Hypalon Thinner
Gaco-Western, Inc., Seattle, Wash.
Part No: 450-11
- (i) Cleaning Solvent FSN: 6850-264-9039
Fed. Spec. P-S-661B, Type 1
- (j) Acetone FSN: 6810-184-4795
Fed. Spec. O-A-51; one gallon can
- (k) Methyl Ethyl Ketone FSN: 6810-281-2785
Fed. Spec. TT-M-261, one gallon can
- (l) Thinner, Dope and Lacquer; FSN: 8010-165-5540(BP)
Fed. Spec. TT-T-266b; Std. Pack: 1 quart can
- (m) Cold Solvent Alkaline Cleaner
MIL-C-25769
- (n) Alodine
MIL-C-5541 or
Anchem Products, Inc., Niles, Cal.
Part No: Alodine 1200

(Cont'd on following page)

(Cont'd from preceding page)

- (o) Nitric Acid FSN: 6810-237-2918
Fed. Spec. O-A-88; 7 pound bottle
- (p) Methyl Isobutyl Ketone, FSN: 6810-286-3785
Fed. Spec. TT-M-268; one gallon can
- (q) Primer
Desoto Chemical Coatings, Inc. Berkeley, Cal.
Part No: 1910091 (base), and 6108148A(Converter)
- (r) Rags - see Rag, Wiping, FSN: 7920-205-3571(BP)
Pail, Metal; FSN: 7240-223-6041 (BP)
Fed Spec RR-F-0030b; 12 quart capacity; stainless steel
- Brush, Paint; FSN: 8020-685-5395(BP)
Fed Spec H-B-420b Grade AA; Std. Pack: 6 and 72
- Sponge, Cellulose; FSN: 7920-633-9906(BP)
Fed. Spec. L-S-00626b; Std. Pack: 72
- Tape, Pressure Sensitive, Adhesive; FSN: 7510-290-2026 (BP)
Fed. Spec. UU-T-106c Type II; Std. Pack: 12 rolls
- Gloves, Rubber; FSN 8415-663-6459 (BP)
Fed. Spec. ZZ-G-381
- Knife, Paring; FSN: 7340-690-0864 (BP)
Fed. Spec. GGG-C-746b
- Paper, Abrasive; FSN: 5350-721-8119 (BP)
Fed. Spec. P-P-101C; Std. Pack: 10 packages
- Cheesecloth

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FSC: Filler and Bleeder, Hydraulic Cylinder

D2-6951: _____

T.O.: _____

Manufacturer: _____

Quantity: 10

Item Description/Remarks:

PSN: 1730-334-8727

P/N: _____

Fed. Code: _____

1. Portable, Hand Carried, Self Contained, Three (3) gallon unit.

Requirement Origin

11-1211-96.2
 -102.4
 -106.4
 -108.9
 -113.3
 -115.9
 11-1212-105.2
 -112.4
 -115.4
 -118.9
 -123.3
 -125.9
 11-1326-2.2
 -11.7

Maintenance Function

A requirement exists to supply hydraulic fluid, to service reservoir, and to fill and bleed system.



281

FSC: Finger, Mechanical		FSN: 5120-180-2951 (BP)
D2-6951: Bolt holder >		P/N:
T.O.:		Fed. Code:
Manufacturer:		
Quantity: 2		
Item Description/Remarks:		
1. Mil. Spec. MIL-F-4571B, Type 1, Class 2, Size 2, 2. Reach: 24 in. > Also: Wrench, Long Handle		
Requirement Origin	Maintenance Function	
12-1367-13.3 -18.6	A means is required to engage heads of mounting bolts of MG set from floor of LCC	

R

C

ph

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CB1

FSC: Flare, Marker

D2-6951:

T.O.: Trench Safety Lights

Manufacturer:

Quantity: 30

Item Description/Remarks:

1. Fed. Spec. RR-P-00428
2. Oil burning warning flare

PSN: 6260-643-3481(BP)

P/N:

Fed. Code:

Requirement Origin

Maintenance Function

21SM80A-2-20

Protection along open trench

C

E

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h81

PSC: _____
 D2-6951: _____
 T.O.: Flaring Tools
 Manufacturer: Ets-Horin and Galvan, Inc., Great Falls, Mont.
 Quantity: 7 ea.
 Item Description/Remarks:

PSN: _____
 P/N: 
 Fed. Code: _____

 Make from cold steel chisels as shown in Figure 4-1, T.O. 21SM80A-2-20

Requirement Origin	Maintenance Function
21SM80A-2-20	Flare cable armor and steel shield
12-1278-7.4	Prepare cable for splicing
12-1226-3.2	Form and Strap Cable
12-1339-25.2	Prepare cable for splicing

ph

CCP 901

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581
FSC: Flashlight

D2-6951:

T.O.:

Manufacturer:

Quantity: 50

Item Description/Remarks:

FSN: []

P/N:

Fed. Code:

1. Fed. Spec. W-F-421, Type II, code PFI-3-D.

▷ Consists of:

Flashlight. Rough service; Fed. Spec. W-F-421b.

FSN 6230-163-1856 (BP)

Battery, Dry. Metal clad; Fed. Spec. W-B-101f.

FSN 6135-542-6216-A (BP); Std. Pack: 8, 192

Requirement Origin

12.0-4069-2.1

Maintenance Function

Portable lighting required in area of missile base

981

FSC: Flood Light Set, Portable
 D2-6951: Flood Light, Portable
 T.O.: Portable Floodlight
 Manufacturer:
 Quantity: 16
 Item Description/Remarks:

FSN: 6230-500-1758
 P/N:
 Fed. Code:

1. Stand mounted, portable, contains four (4) flood lights, 115 volts, 150 watts.

Requirement Origin

Maintenance Function

12-GCS"0"-2.1
 -5.4
 12-1280-2.1
 -3.3
 -3.4
 -8.2
 -9.3
 -13.1
 -14.2
 -17.1
 -18.2
 12.0-1278-5.4
 12.0-1339-5.2
 -23.1
 21SM80A-2-20

A means of providing:
 Lighting in G.S.C. area of Sile
 Lighting for visual check of Launcher Closure System
 Lighting of work area - Ballistic Actuator Assembly
 Lighting of work area - Ballistic Gas Generator
 Lighting of work area - Multiplying Linkage Assembly
 Lighting during Cable Maintenance

CSP 901

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 US 4300 2000

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FSC: Frequency Meter

D2-6951: _____

T.O.: Frequency Meter

Manufacturer: General Electric Co., LANEEDCO, Utica, N.Y.

Quantity: 1

Item Description/Remarks:

1. 55 cycles to 65 cycles frequency range, $\pm 1/2$ cycles per dial div accuracy, operates on 100 V to 130 V, 60 cycles, single phase, plastic case, panel mounted

PSN: 6625-836-8523

P/N: 7979035P1

Fed. Code: 99971

Requirement Origin

36A9-8-40-1

Maintenance Function

Adjust APV governor

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Fed. Code:

1. Plastic Funnel, rectangular; unbreakable, boilable, acid and chemical resistant; mouth measures 1-3/4" x 5", 3-1/2" deep.

Maintenance Function

12-4623-2.3

A means required to fill test kit bottles is required.

2-52-1)

0.000, 0.00, 0.20, 0.40

681

FSC: _____
 D2-6951: Gauge, 0-3000 PSI, Pressure Hydraulic
 T.O.: _____
 Manufacturer: _____
 Quantity: _____
 Item Description/Remarks: _____

FSN:
 P/N:
 Fed. Code:

Use Figure A 4557, "Gage Set, Pressure, Dial Indicating"

Requirement Origin	Maintenance Function
12-3066-2.3	A means of checking internal relief valve response

051

FSC: _____
D2-6951: Gage, Differential Pressure, Dial Indicating
T.O.: _____
Manufacturer: F. W. Dwyer Mfg. Co., Michigan City, Ind.
Quantity: 2
Item Description/Remarks:

PSN: _____
P/N: 1010-5AF
Fed. Code: E5274

Requirement Origin

11-1211-89.3

Maintenance Function

Take differential pressure readings of Controller,
Airflow

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161
FSC: Gage, Thickness

D2-6951:

T.O.: Feeler Gauge

Manufacturer:

Quantity: 2

Item Description/Remarks:

1. Fed. Spec. GGG-G-17

2. 0.0015 to 0.025 by 1,000ths increments

FSN: 5210-274-2857(BF)

P/N:

Fed. Code:

Requirement Origin

3503-11-25-1

Maintenance Function

Check gap on ignition system

251

FSC: <u>Gage, Tire Pressure</u> D2-6951: _____ T.O.: <u>Gauge, Tire Pressure</u> Manufacturer: _____ Quantity: <u>6</u> Item Description/Remarks:		PSN: 4910-204-3170(BP) P/N: _____ Fed. Code: _____
1. Fed. Spec. GG-C-9 lb. 2. heavy duty, pressure ranges: 20 to 60 lb at 2 lb increments and 60 to 130 lb in 5 lb increments. 12 1/2 in. length, 6 in. extension		
Requirement Origin T.O. 21SM80A-2-8	Maintenance Function Check R/V-GC Semitrailer Tires 85 lb. pressure measurement required.	

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hbl

FSC: <u>Gauge, Pressure Checking</u> D2-6951: <u>Gauge Set, Pressure, Dial Indicating</u> T.O.: _____ Manufacturer: <u>Kent-Moore Organization, Inc., Warren, Michigan</u> Quantity: <u>2 ea.</u> Item Description/Remarks: ▷ Consists of: J-5631-01 Power Steering Checking Gauge for all GMC Trucks J-7715 Pressure Gauge, 2000 psi		FSN: _____ P/N: ▷ Fed. Code: 33287
Requirement Origin 12.0-4075-73.9	Maintenance Function Observe operating pressure in power steering system.	

561

FSC: <u>Generator, Signal</u> D2-6951: <u>Generator Signal</u> T.O.: _____ Manufacturer: _____ Quantity: <u>2</u> Item Description/Remarks:		PSN: 6625-580-7923 P/N: _____ Fed. Code: _____
1. Reference: Letter OONCTG/Mr. Crawford/22142 dated 9 April 1963		
Requirement Origin 12-HF/UHF"O"-4.3	Maintenance Function Provide an electrical signal to simulate electrical signal received by HF equipment.	

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051

FSC: Gloves, Nylon, Stretch

D2-6951: Lint Free Gloves

T.O.: (Ducron Gloves) (White Nylon Gloves)

Manufacturer: Victor Gloves Inc.

Quantity: 50 pairs

Item Description/Remarks:

FSN:

P/N: 856

Fed. Code: 87681

Requirement Origin

12-1412-8.5
-10.6

21SM8QA-2-16
3151-2GSW4-1

Maintenance Function

Worn while working on message tapes

Avoid contaminating CSD Mechanism
Avoid contaminating tape



L51

FSC: Graduate, Liquid, Laboratory

D2-6951:

T.O.: Beaker

Manufacturer:

Quantity: 2

FSN: 6640-663-4796

P/N:

Fed. Code:

Item Description/Remarks:

cylindrical; stainless steel

3-1/4 in. high over-all; polished finish; 250 cc rated capacity; scale, 25 to 250 cc, 25 cc interval of graduation, numbered at 25 cc, 50 cc, 100 cc, 150 cc, 200 cc, and 250 cc, graduations pointed, graduations on inside, 1 to 8 oz, 1 oz of graduation, numbered at 1, 2, 3, 4, 5, 6, 7 and 8 oz.

Requirement Origin

35D3-11-25-1

Maintenance Function

Collect fluid from hydraulic system



861

FSC: Grinder, Electrical, Portable

D2-6951:

T.O.: Grinder, Portable

Manufacturer:

Quantity: 3

Item Description/Remarks:

FSN: 5130-293-0282

P/N:

Fed. Code:

1. 8in. dia., 1 in. thick, 5/8" in. dia. spindle; 60 cycles AC, single phase .

Requirement Orig In

12-1217-18.6

D2-13608-2, Vol. IV

Maintenance Function

Repair to Rails, Sliding Doors

Dress break for welding

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bbl

FSC: Grip, Cable, Woven

D2-6951: Cable Grip

T.O.: Fuller, Wire

Manufacturer:

Quantity: 6

Item Description/Remarks:

FSN: 
P/N:
Fed. Code:

 Single weave open end type, 18 in.-3/4 in. to 7/8 in. FSN: 5120-267-7068(BP)
1 in. to 1 3/8 in. FSN: 5120-618-7351 (BP)
Double weave open end type, 36 in. - 1 1/2 in to 2 in. FSN: 5120-267-7069(BP)

Requirement Origin

Maintenance Function

12-1423-3.4
12-1424-12.7
12-1425-27.7

A means required to install and extract cable from conduit.

21SM80A-2-20

Pull cable through conduit

QOL

FSC: Gun, Cleaning Air

D2-6951:

T.O.:

Manufacturer:

Quantity: 2

Item Description/Remarks:

FSN: 4940-272-3022

P/N:

Fed. Code:

1. Removable tip, 3/8 - 18 N.P.T. Female Coupling, 1 Leader 3/8 in. x 24 in., one end: 3/8 in. Male, other end: Universal Coupling, 125 Lb/sq. in. working pressure.

Requirement Origin

11-1242-2.1

Maintenance Function

Means must be provided to direct air flow for cleaning a blowing function, clean lift, service LCC

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A

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102

FSC: Hammer, Hand
 D2-6951: _____
 T.O.: Bumping Bar
 Manufacturer: Ampco Metal, Inc., Milwaukee, Wisc.
 Quantity: 5

FSN: 5120-203-8374
 P/N: M-2
 Fed. Code: 03306

Item Description/Remarks:

4 lb nom. total weight; brass head; rated nonsparking and nonmagnetic

Requirement Origin

21SM80A-2-11

Maintenance Function

Align d-c motor generator and a-c motor generator by striking base with soft faced mallet or brass bar.

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206

FSC: _____
 D2-6951: Hammer, Slide
 T.O.: _____
 Manufacturer: Kent-Moore Org., Inc., Warren, Michigan
 Quantity: 1
 Item Description/Remarks:

PSN: -
 P/N: J-2619-15
 Fed. Code: 33287

1. Matching slide hammer and expanded finger type bearing puller (J-5901-2) is required for the removal at the clutch pilot bearing.

Requirement Origin

12.0-4075-68.9

Maintenance Function

Remove clutch pilot bearing from flywheel

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Q9c

FSC: _____
D2-6951: Hat, Protective
T.O.: _____
Manufacturer: E. D. Bullard Co., San Francisco, Calif.
Quantity: 60
Item Description/Remarks:

PSN: _____
P/N: △
Fed. Code: 09729

△ Consists of:

1. Estherene plastic safety cap ES-302-F
2. Lamp bracket 70-AL-20

Use with Lantern, Electric, P/N RP4-50, Mine Safety Appliances Co.,
Pittsburg, Pa.

Requirement Origin

Maintenance Function

3.0(25-18837)-3.4

Protect personnel while placing work cage on launcher
access door.

Protect personnel while assembling elevator, work cage,
and safety harness

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hnc
FSC: Heater, Duct Type Portable

D2-6951: Tent Heater

T.O.: Portable Heater

Manufacturer: Herman Nelson Corp., Moline, Ill.

Quantity: 7

Item Description/Remarks:

FSN: 4520-277-9562

P/N: GT3000-10

Fed. Code: 43173

▷ Also: Heater, Portable, Portable Heater

1. Gasoline fuel, skid and wheel mounted, gasoline engine driven, 1/2 hp, 1 cylinder, 25,000 btu/hr rated heat output, 16 gal. fuel tank,
2. Additional equipment: canvas ducts; 2 ea., 12 in dia x 24 ft length and 1 ea., 6 in dia x 14 ft length.

Requirement Origin

12.0-1278-5.4

12.0-1339-4.2

-23.1

21SM80A-2-20

Maintenance Function

Keep personnel warm while working on cable

Provide heat for personnel

CCP 901

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E

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500

FSC: _____ D2-6951: Heater, Immersion, Electric T.O.: Fire detecting Element Tester Manufacturer: Fisher Scientific Co., Chicago 91, Illinois Quantity: 1 Item Description/Remarks: 1. Heater, Automerse 2. 80°-212°F, 115 V, 60 cycle, 1000 watts 3. Accuracy: ± 1°F 4. Supplied with thermostat cord and plug		FSN: None P/N: 11-463-10 Fed. Code:
Requirement Origin 12-1328-2.1 -3.2 -4.5 -8.3 I-D2-13608-2 Vol. IV	Maintenance Function A means of manually simulating a fire condition in check out of Alarm system, Fire, Launch Control Center Simulate fire conditions.	

R

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5

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900

FSC: Hoist
 D2-6951: hoist puller, hand, Lever Operated
 T.O.: Hoist
 Manufacturer: American Lase & Manufacturing Co. Dayton, Ohio
 Quantity: 5

PSN: 3950-329-3309 (BP)
 P/N: 144
 Fed. Code: 98131

R

Item Description/Remarks:

1. 3/4 ton capacity
2. 12 ft. lift

Requirement Origin

12-1330-11.5

I-D2-13603-2 Vol. IV

Maintenance Function

A means must be provided to support air duct during removal of shock isolator

R

64

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FSC: <u>Hoist Chain</u> D2-6951: <u>Hoist Chain</u> T.O.: <u>Patent Chain Hoist</u> Manufacturer: _____ Quantity: <u>2</u> Item Description/Remarks: 1. MIL-H-904a, Type H, Class I 2. Load capacity: 3000 lb. lift: 5 ft. integral hook suspension, double acting		FSN: 3950-329-3308(8P) P/N: Fed. Code:
Requirement Origin	Maintenance Function	
21SM80A-2-20	Depotting Type I splice case	
12-1278-6.4	Apply pull force on outer sleeve to slide sleeve from potting compound onto cable	
12-1339-22.1		

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sec

PSC: _____
 D2-6951: Hoist Chain, Block, Portable > _____
 T.O.: _____
 Manufacturer: _____
 Quantity: 2 _____
 Item Description/Remarks:

FSN: 3950-202-1269
 P/N:
 Fed. Code:

> Also: Hoist, Chain

1. 2000 Lb. capacity; 8 foot lift

Requirement Origin

Maintenance Function

12-1330-10.5

Means for supporting Shock Isolator during removal or installation

-12.6

12-1211-73.2

Means to lift fan and place on dolly truck in launcher equipment room

145

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520

FSC: <u>Hose Assembly</u> D2-6951: <u>Hose, Rubber Water</u> T.O.: <u>Water Rubber Hose</u> Manufacturer: _____ Quantity: <u>15</u> Item Description/Remarks:		FSN: 4720-202-7349 P/N: _____ Fed. Code: _____
1. 5/8 Inch ID, 50 ft. long. 2. Fed. Spec. ZZ-h-601		
Requirement Origin 11-1210-7.7 -13.5 D2-13608-2, Vol. I.	Maintenance Function Use to supply water to work area. Discharge from hand pump barrel during sump removal	

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01c

FSC: _____
 D2-6951: Hose, H. P. 1/2 I D with fittings (2 ft)
 T.O.: _____
 Manufacturer: _____
 Quantity: 16
 Item Description/Remarks:

FSN: _____
 P/N: _____
 Fed. Code: _____

Requirement Origin
 12-3066-2.3

Maintenance Function

A means to connect pressure gage



112

FSC: Hydrometer Syringe

D2-6951: Hydrometer (Ethylene Glycol)

T.O.:

Manufacturer:

Quantity: 5

Item Description/Remarks:

FSN: 6630-247-2968(BP)

P/N:

Fed. Code:

1. Fed. Spec. GG-H-935

2. Anti-Freeze Hydrometer for multi-solution testing

Requirement Origin

Maintenance Function

12-1211-9.1

-13.5

-19.4

-23.9

-48.4

-63.2

12-1212-9.1

-13.5

-18.4

-21.9

-46.4

-61.2

12-1323-80.1

-85.7

12-1329-52.4

Means to check brine solution (25% ethylene glycol, 75% water)

Check specific gravity of coolant ethylene glycol and water and service as required.

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216

FSC: Hydrometer, Syringe, Battery

D2-6951: Hydrometer (Battery)

T.O.: Hydrometer

Manufacturer: E. Edelman and Co., Chicago, Ill.

Quantity: 5

Item Description/Remarks:

1. Range: 1.060 to 1.320, with thermometer (0°F to 160°F) and integral correction chart (one glass bell, one float)

PSN: 6630-526-6693

P/N: 40-941

Fed. Code: 72853

Requirement Origin

12-1323-36.4

12-1329-29.3

12-1415-2.3

TO D2-13608-2, Vol. I

35D3-11-25.1

Maintenance Function

Means to test condition of batteries

C

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PSN: 8960-127-8250(BP
P/N:
Fed. Code:

Requirement Origin

Maintenance Function

12-4059-68.3
-69.5
-70.7

A means of lowering the temperature of the waterbath

h/c

FSC: Indicator, Dial
 D2-6951: Gauge, Deflecting
 T.O.: Deflecting Gauge
 Manufacturer: W. S. Starrett Co., Athol, Massachusetts
 Quantity: 1
 Item Description/Remarks:

FSN: -
 P/N: 656-341
 Fed. Code: 57163

Range: 1.000 in. with 0.001 in. graduation

Requirement Origin

Maintenance Function

11-4024-6.13
 -8.15

A requirement exists for a means of measuring movement of hoist hook.

36D9-8-40-1



512

FSC: _____ D2-6951: _____ T.O.: <u>Infra-red Gas Heater</u> Manufacturer: <u>Perfection Industries, Inc., Cleveland, Ohio</u> Quantity: <u>6</u> Item Description/Remarks: _____		FSN: _____ P/N: <u>3426L</u> Fed. Code: <u>46522</u>
Requirement Origin <u>21SM80A-2-20</u>	Maintenance Function <u>Used in depotting operation temperature 160° to 220°F required.</u>	

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71C

FSC: Injector, Compressor C-1

D2-6951: Injector Oil, Compressor Refrigerant System

T.O.: _____

Manufacturer: Kent-Moore Corp., Inc., Warren, Michigan

Quantity: 1

FSN:

P/N: J-7605-02

Fed. Code: 33287

Item Description/Remarks:

1. Special oil injector tool required to add oil to the refrigerant compressor and prevent entry of air or moisture into the system without loss of the refrigerant gas.

Requirement Origin

12.0-4075-56.6

Maintenance Function

Add oil to compressor



612

FSC: _____ D2-6951: <u>Injector Removing Tool</u> T.O.: _____ Manufacturer: <u>Kent-Moore Org., Inc. Warren, Mich.</u> Quantity: <u>1</u> Item Description/Remarks:		FSN: _____ P/N: <u>J-1227-01</u> Fed. Code: <u>32287</u>
1. Valve spring compressor and injector remover; for GM diesel all series 53, 71, 110.		
Requirement Origin 12-1323-93.6 12-1329-58.11	Maintenance Function Means to remove fuel injectors	

602

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510

FSC: _____
 D2-6951: Injector Timing Tool
 T.O.: _____
 Manufacturer: Kent Moore Organization, Inc., Warren, Mich.
 Quantity: 1
 Item Description/Remarks:

PSN: _____
 P/N: J-4184
 Fed. Code: 33287

1. Timing Gage, 2.425"; for GM diesel series 110

Requirement Origin

Maintenance Function

12-1323-94.8

Following installation of injectors it is necessary to
 time injectors

12-1329-58.11

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51C

FSC: _____ D2-6951: <u>Injector Tube Reamer</u> T.O.: _____ Manufacturer: <u>Kent-Moore Org., Inc. Warren, Michigan</u> Quantity: <u>1 set</u> Item Description/Remarks: 1. Part of injector copper tube reconditioning set, J-4641; for GM diesel series 110		FSN: _____ P/N: <u>J-4641</u> Fed. Code: <u>33287</u>
Requirement Origin 12-1323-93.7 12-1329-58.11	Maintenance Function Prior to replacement of fuel injectors, all carbon deposits are removed from injector hole tube.	

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cel

FSC: <u>Insulation Tape, Electrical</u>		PSN: <u>5970-644-3167(BP)</u>
D2-6951: <u>Electrical Tape</u>		P/N:
T.O.: <u>Friction Tape</u>		Fed. Code:
Manufacturer:		
Quantity: <u>EXP. 1</u>		
Item Description/Remarks:		
1. Friction tape, 3/4" width, 82.5 ft. per roll 2. Fed Spec hh-T-1012 ▷ Standard pack: 100 rolls		

Requirement Origin	Maintenance Function
12.0-1278-7.4	Splice Cable
12.0-1226-3.2	
12.0-1339-25.2	
21 9480A-2-11	

11e

126

FSC: Insulation Tape, Electrical

D2-6951: Tape, Electricians

T.O.: Electrical Tape

Manufacturer:

Quantity: Exp. >

Item Description/Remarks:

1. Plastic insulating tape 1/2" wide, .01" thick 108 ft. roll; pressure sensitive; high dielectric strength
2. Procure per MIL-I-7798a

▷ Standard pack: 12 rolls

Requirement Origin

12.0-4264-3.10

21SM80A-2-20

Maintenance Function

Tape end of insulator to cable

Secure polyethylene wrapping used on cable splice



210

220

FSC: _____		FSN: -
D2-6951: _____		P/N: 3484
T.O.: Iridescent Tape		Fed. Code: 76381
Manufacturer: Minn. Mining and Manufacturing Co., St. Paul, Minn.		
Quantity: _____ Exp. _____		
Item Description/Remarks:		
1. Red orange scotch cal.		
Requirement Origin	Maintenance Function	
35D3-11-25-1	To repair lettering on "Explosives" sign.	

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FSC: <u>Jack, Dolly Type, Hydraulic</u> D2-6951: T.O.: <u>Jack, Hydraulic</u> Manufacturer: Quantity: <u>1</u> Item Description/Remarks:		FSN: <u>4910-204-2294(RP)</u> P/N: Fed. Code:
1. Fed. Spec. GGG-J-51, Type V, Class 3, Style A 2. Rated capacity 2 ton, two-speed, dim., 4-1/2 in. maximum low saddle height, 15 in. minimum lift, 29 in. minimum, 51 in. maximum over-all frame length, 6-3/4 in. maximum frame; swivel type rear wheels, rotating type cap.		
Requirement Origin TO 35D3-11-25-1	Maintenance Function To raise suspension crossmember during maintenance.	

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ASC

FSC: <u>Jack, Hydraulic</u>		PSN: <u>4910-561-5764</u>
D2-6951: <u>Jack Set, Hydraulic Hand</u>		P/N: _____
T.O.: <u>Hydraulic Jack</u>		Fed. Code: _____
Manufacturers: _____		
Quantity: <u>15</u>		
Item Description/Remarks:		
1. 2 Ton capacity, 34-3/16 inch lift		
Also: Jack Hydraulic with adapter		
Requirement Origin	Maintenance Function	
12-1323-56.7	Means of removing and installing generator set in LCSB equipment room	
12-1326-6.6	Means of opening blast door in event of malfunction of hydraulic system.	
D2-13608-2, Vol. I	Lift DED Generator in LCF.	

05

see

FSC: <u>Jack, Hydraulic, Hand</u>		PSN: <u>5120-596-1101</u>
D2-6951: _____		P/N: _____
T.O.: <u>Jack Set, Hydraulic, Hand</u>		Fed. Code: _____
Manufacturer: _____		
Quantity: <u>15</u>		
Item Description/Remarks:		
1. MIL-J-4975, Type MC-1 2. 7 ton rated capacity 15-1/2 inch closed height; 35-1/2 inch extended height; single pump; with screw extension.		
Requirement Origin	Maintenance Function	
21SM80A-2-11	Support shock mounted floor when removing a floor support spring assembly.	
12-1330-10.5	A means of raising and supporting the platform when defective shock absorber is removed.	
12-1241-4.5	A means of supporting weight of floor during repair of shock attenuation system, LCC	
-8.8		
-15.5		

812

del

FSC: <u>Jack, Hydraulic, Hand</u> D2-6951: T.O.: <u>Jack, Hydraulic</u> Manufacturer: Quantity: <u>4</u> Item Description/Remarks:		FSN: 5120-222-1313(BP) P/N: Fed. Code:
1. 30 ton rated capacity; 11 in. closed height; 18-1/8 in. extended height; single pump; Fed. Spec. GGG -J-51, Type V, Class 2, Style B, as modified by rated capacity and closed height.		
Requirement Origin D2-13608-2, Vol. IV	Maintenance Function Remove wheels	

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FSC: Jan, Vacuum

D2-6951: Insulated Container, One Gallon

T.O.:

Manufacturer:

Quantity: 2

Item Description/Remarks:

FSN: 7330-205-1407(BF)

P/N:

Fed. Code:

1. Fed. Spec. RR-B-596, Type III, Class B.

2. Capacity: 2 gallon

▶ Also: Container, Insulated

Requirement Origin

Maintenance Function

12.0-4062-4.2

Maintain temperatures at 65(±2)°F to allow testing of temperature sensor.

12.0-4063-3.1

Maintain water temperature between 60°F to 70°F for short time periods.

12.0-4115-4.6

Test air conditioner thermostat

36A12-24-3-1

36D3-11-25-1

35E9-37-1

36A12-24-3-1

36D3-11-25-1

35E9-37-1

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3cc

FSC: <u>Kerosene</u>		FSN: <u>9140-242-6749(BF)</u>
D2-6951: <u>Spirits or Kerosene</u>		P/N:
T.O.: _____		Fed. Code:
Manufacturers: _____		
Quantity: <u>Exp.</u>		
Item Description/Remarks:		
1. 5-gallon pail-Type I 2. Spec. Fed. VV-K-211		
Requirement Origin	Maintenance Function	
12.0-4150-2.3	Clean air filter	

512

1cc

FSC: _____
 D2-6951: _____
 T.O.: _____
 Manufacturer: _____
 Quantity: 5
 Item Description/Remarks:

PSN: -
 P/N: J-7727
 Fed. Code: 32287

1. Special key wrench which fits the hot gas by-pass valve and allows quick, easy, positive adjustment.

▶ Hot gas by pass valve adjuster

Requirement Origin

Maintenance Function

12.0-4075-58.5

Adjust by-pass valve

250

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922

FSC: <u>Kit, Battery Servicing</u> D2-6951: <u>Battery Servicing Kit</u> T.O.: _____ Manufacturer: _____ Quantity: <u>15</u> Item Description/Remarks:		FSN: 6135-620-2964(BP) P/N: Fed. Code:
1. One gallon capacity battery servicing kit with filler; size, 11" long x 5-1/4" wide x 9-1/2" high; MIL Spec MIL-K-4752 type D-1		
Requirement Origin 12-1323-41.8 -42.11 12-1329-34.7 -35.10 12-1415-2.1	Maintenance Function Check and replenish water to electrolyte	

12

12

122



FSC: _____
 D2-6951: _____
 T.O.: _____
 Manufacturer: _____
 Quantity: 15
 Item Description/Remarks:

PSN: 
 P/N: _____
 Fed. Code: _____

▶ Includes the following items

Grease Gun 4930-247-3671, 21 oz, 5000 psi
 Grease Gun 4930-222-2681, 9 oz, 5000 psi
 Grease Gun 4930-247-3672 5 oz. 5000 psi
 Oiler, Hand 4930-262-8870, 5 1/2 oz capacity
 Oiler, Hand 4930-262-8868, 16 oz, capacity
 Receptacle, Oil Drain 4930-693-2709, 5-1/2 oz, capacity

Requirement Origin

12-4024-8.16
 12-4028-2.2
 12-4043-22.10
 12-4047-2.1
 12-4059-4.3
 12-1367-22.7
 12-3022-2.1
 12-3109-8.11
 12-4188-2.1
 12-4282-2.1
 12-4105-2.2
 12-4115-110.5

11-1210-11.1
 11-1211-9.1
 11-1211-66.1
 -119.1
 -139.1
 -149.1
 11-1212-9.1
 -66.1
 -128.1
 -173.1

11-1241-6.1
 11-1242-3.4
 11-1323-59.9
 11-1324-56.7
 -93.4
 -125.8
 11-1326-2.2
 11-1327-11.2
 11-1330-4.3
 11-1390-12.1

Maintenance Function

A means to lubricate:
 Moving parts of Hoist System
 Adapter, Hoisting, G&C Assembly
 Support Structure, bearings, moving parts
 Wrench Assembly
 T-E, Semi-Trailer
 Motor Generator
 Truck Assembly, Dolly
 Winch
 Caster Assemblies
 Pulley and Winch of Hoist
 Launcher Closure Gearcase Motor
 Auxiliary Power System
 Service and Lubricate:
 Sump Pump
 Compressor
 Dampers
 Bearings
 Damper Linkage
 Compressor & Motor
 Compressor
 Damper Linkage
 Damper Access hinges, pump and fan bearings
 Compressor and Motor
 Sway damper Assy and Supports
 Motor and Winding Drum Bearings
 Generator Set, Diesel Engine
 Pump-Motor
 Motor, Electric, 1/3 HP, 1/2 HP
 Motor Electric, 5 HP, 10 HP
 Blast Door Installation LCC (Capsule)
 Gate, Metal, Sliding
 Shock Attenuation System, Launcher (Equip. Room)
 Louver, Metal, Power Driven

226

FSC: <u>knife, Pocket</u> D2-6351: <u>Electricians knife</u> T.O.: <u>Electrician's Knife</u> Manufacturer: _____ Quantity: <u>30</u> Item Description/Remarks:		PBN: 7340-721-6811(BP) P/N: Fed. Code:
1. Electricians knife, one cutting blade and one locking screwdriver blade; plastic handle, approximately 3 7/8" long 2. Fed Spec GGG-K-00434a		
Requirement Origin 12.0-1273-7.4 12.0-1226-3.2 12.0-1339-25.2 21SM80A-2-20	Maintenance Function Prepare cable for splicing Form and strap cable Prepare cable for splicing Strip Cable	

223



446

FSK: <u>ladder, Extension</u> D2: 951: <u>ladder, Extension</u> T.O.: <u>Extension Ladder</u> Manufacturer: _____ Quantity: <u>15</u> Item Description/Remarks:		FSN: 5440-171-9832(BP) P/N: _____ Fed. Code: _____
1. Fed. Spec. LLL-L-51A 2. Automatic Locking, 12 Ft. wood sections		
Requirement Origin	Maintenance Function	
11-AS/AI/RA-2.2	A means of gaining access to Launcher Equipment Room for Test Equipment	
12-4043-2.2		
21-SM80-2-2	A requirement exists for the simultaneous use of two ladders during missile removal or replacement operations. A means of gaining access to installed ladder on erected T-E.	
I-D2-13608-2 Vol.IV	Gain access to conservation vent.	

27

R

R

50



ACC

FSC: Ladder, Extension

D2-6951:

T.O.:

Manufacturer:

Quantity: 5

Item Description/Remarks:

1. Fed. Spec. LLL-L-51A

2. Automatic Locking, 16 ft. wood sections

FSN: 5440-171-9331(BP)

P/N:

Fed. Code:

Requirement Origin

12-1405-3.2

Maintenance Function

Means must be provided for access to conservation vent on top of vent piping

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FSC:

D2-6951: Lantern, Electric

T.O.: Lantern, Electric

Manufacturer: E. D. Bullard Co., Pittsburg, Pa.

Quantity: 30

Item Description/Remarks:

FSN: -

P/N: 804-50

Fed. Code: 40012

1. Used with following accessories:

ME 78152, 15 lamp battery rack; Quantity: 2
ME 36609, 50 ampere battery charger; Quantity: 2
R 145, portable magnetic lock operator; Quantity: 1
R 150, battery filler; Quantity: 1
R 203-5, valve clamp wrench; Quantity: 1
All items made by Mine Safety Appliances Co.

2. Use with "Hat Protective" E. D. Bullard Co.

Requirement Origin

Maintenance Function

3.0(25-18837)-34
5.0(25-18837)-5.2
6.0(25-18837)-6.2
1.0 (II SK 25-22294)
Sheet 1 - 1.0.0
-1.4.2.1
-1.4.3.1.1
-1.4.3.4.2
-1.5
-1.6.3
3.0(25-22294)-3.10
-3.13.1
-3.14
4.0 (25-22294)-
-4.15.7
-4.16
-4.20.1
-4.20.3
-4.29
12-1202-10.12
21-SM80A-2-8

Illuminate personnel work areas during following operations:

Place work cage on launcher access door
Re-install elevator work cage and supports after missile emplacement
Remove communications cable from elevator and work cage
Personnel penetrate launcher as required

Disconnect G&C Section umbilical

Disconnect lower umbilical and base adapter ring locks
Disconnect G&C and skirt umbilicals
Test with squib test set (perform hazardous current test)
Disconnect skirt umbilical
Install G&C handling equipment

Connect hoisting rods to missile base adapter ring
Remove and stow elevator work cage into support assembly
Re-install elevator and work cage from equipment room
Remove elevator and work cage from launch tube and stow in equipment room
Remove adapter stabilizing ring
perform Maintenance from work cage

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98C

FSC: Lantern, Electric

D2-6951: Light Portable, Lantern Portable

T.O.:

Manufacturer: W. B. Rice Mfg. Co.

Quantity: 50

Item Description/Remarks:

PSN: 6230-672-2541

P/N: 211

Fed. Code:

1. Portable battery powered, 1500 F-candles, 6 volts, 2-3/4 in. x 6-1/4 in. x 6-1/2 inch.

Requirement Origin

Maintenance Function

12-4586-2.1

11-1373-2.5

-4.6

-4.7

-5.9

-6.10

-6.11

-7.12

11-1374-2.5

-4.6

-4.7

-5.9

-6.10

-7.12

11-GCS"0"-2.2

11-1202-2.1

11-1204-2.1

12-4059-2.1

-32.2

-35.3

-37.4

-38.8

-45.1

-45.2

-46.7

-46.8

-48.1

11-1318-5.1

-6.2

-7.9

-7.10

11-1209-2.1

-5.1

-7.3

-7.4

-10.1

A requirement exists for artificial light to check or work on.
Beam Sling

Cable Bundle Assembly

Arrestor, Electrical Surge

Cable Bundle Assembly

Storage Tank

Retract Mechanism, G&C Umbilical

Support, Missile Suspension and Alignment System

T-E operational capability

T-E Hoist Cable

T-E Container

Valve, Traverse Control

Reservoir Assembly

Hand Pump Assembly

Traverse Cylinder

Hose Removal

A means to illuminate work areas of:
Sump

(Continued on following pg.)

REVISED A

US 4200 2000

BOEING VOL

SEC

NO D2-13961

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L&C

PSC: Lantern, Electric

D2-6951: Light Portable Lantern Portable

T.O.:

Manufacturer: V. C. Lite Mfg. Co.

Quantity:

Item Description/Remarks:

PSN: 6230-672-2541

P/N: 211

Fed. Code:

1. Portable battery powered, 1500 F-candles, 6 volts, 2-3/4 in. x 6-1/4 in. x 6-1/2 inch.

(Cont'd from preceding page)

Requirement Origin	Maintenance Function
-13.6	
-14.7	
-15.10	
11-1210-2.1	
-2.2	
-4.4	
-6.6	
-11.1	
-11.2	
-13.4	
11-1211-2.1	Environment Control System
-3.2	
-9.1	
-13.5	
-19.4	
-57.3	Starter, Motor
-57.4	
-64.2	Tank Expansion
-96.1	Valve Assys
-96.2	
-97.3	
-98.5	
-100.1	
-101.3	
-102.4	
11-1211-105.1	A means to illuminate work areas of: Panel Assy
-105.2	
-107.6	
-107.7	
-108.8	
-108.10	
-119.1	Heating and ventilation Sybsystem
-119.2	
-121.4	
-122.6	
-123.7	Heater, Space, Electric
-124.8	

(Cont'd on following Page)

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VOL

NO D2-13961

SEC

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SEC

FSC: Lantern, Electric		FSN: 6230-672-2541
D2-6951: Light Portable Lantern Portable		P/N: 211
T.O.: _____		Fed. Code: _____
Manufacturer: V. C. Lite Mfg. Co.		
Quantity: _____		
Item Description/Remarks:		
1. Portable battery powered, 1500 F-candles, 6 volts, 2-3/4 in. x 6-1/4 in. x 6-1/2 inch.		
(Cont'd from preceding page)		

Requirement Origin	Maintenance Function
-124.9	Panel, Power Distribution
-126.11	
-129.1	Starter, Motor
-130.3	
-130.4	
-131.7	Control Heater
-131.8	
-132.9	
-132.10	Heater Control, VARIAC
-133.11	
-133.13	
-136.4	Thermostat, Remote Bulb, HL-1
-136.5	
-137.7	
-157.1	Starter motor
-158.3	
-158.4	
	A means to illuminate work areas of Environmental Control System, LCC-Sub C, LCC-SRCC, LCC-SRCC/ACP
11-1212-2.1	
-2.2	
-9.1	
-13.5	
-18.4	
-21.9	
-46.4	
-62.2	
-80.1	
-105.2	
-112.5	
-114.1	
-115.3	
-116.5	
-116.6	
-117.7	
-117.8	
-118.10	
-128.1	
	(Cont'd on following page)

SEC

REVISED A

b2c

FSC: Lantern, Electric
 D2-6951: Light Portable Lantern Portable
 T.O.: _____
 Manufacturer: V. C. Lite Mfg. Co.
 Quantity: _____
 Item Description/Remarks:

FSN: 6230-672-2541
 P/N: 211
 Fed. Code:

1. Portable battery powered, 1500 F-candles, 6 volts, 2-3/4 in. x 6-1/4 in. x 6-1/2 inch.

(Cont'd from preceding page)

Requirement Origin	Maintenance Function
-129.3	
-131.6	
-142.4	
-146.13	
-148.1	
-150.3	
-150.4	
-159.2	
-160.3	
-160.4	
-161.5	
-171.4	
-181.1	
-181.3	
-182.4	
11-1217-7.2	A means to illuminate work areas of: Closure, Launcher Tube
-7.4	
-14.2	
11-1230-3.2	Fuel System LCC
11-1241-6.3	Shock Attenuation System, LCC(Capsule)
-7.4	
-7.5	
11-1242-2.2	Lift, Service, LCC
11-1323-2.1	Electrical System LCC
-3.2	
-59.10	
-64.1	
-64.2	
11-1324-2.2	Water Supply System LCC
11-1325-3.3	heating System, LCCSB
11-1326-3.3	Blast Door Installation, LCC(Capsule)
11-1329-2.1	Electrical System Launcher
-3.2	
11-1330-3.2	Shock Attenuation System Launcher (Equip. Room)
11-1396-2.2	Monitoring System, Equipment Fault, LCC
-3.3	
-4.4	

(Cont'd on following page)

b2c

ISSUED A

ohc

FSC: Lantern, Electric

D2-6951: Lantern Portable

T.O.: 11-15-2.3

Manufacturer: V. S. Light Co.

Quantity:

Item Description/Remarks:

FSN: 6230-672-2542

P/N: 111

Fed. Code: 111

1. Portable battery powered, 1500 F-candles, 6 volts, 2-3/4 in. x 6-1/4 in. x 6-1/2 inch. Steel enamel finish, adjustable beam

(Cont'd from preceding page)

Requirement Origin

Maintenance Function

-11.6

-12.7

12-1105-3.2

12-1115.2.3

D2-13608-2, Vol. I

D2-13608-2, Vol. II

D2-13608-2, Vol. IV

Fuel System, Launcher

Fixture, Emergency Lighting and Alarm, Battery Operated, LCC

R

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REVISED C

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SEC

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FSC:

D2-6951: Lead, Electrical Grounding

2

FSN:

P/N: 1

T.O.:

Manufacturer:

1

Fed. Code:

Quantity:

1

Item Description/Remarks:

1

See following page

2

Also: Grounding Cable

Requirement Origin

Maintenance Function

1.0(25-22294)-1.4

Semi-permanent ground from missile base adapter to L.F. ground

3.0(25-22294)-3.12

Disconnect semi-permanent ground

12-1337-5.1

Ground missile to Launch Tube

TO 21SM30A-2-2

Ground missile when umbilical is not connected.

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n/c

Lead Electrical Grounding
includes the following:

Reel, Wiring: Qty: 1/lead = 7
P/N IND 15; Hykon Mfg. Co., Alliance, Ohio

Terminal Lug: Qty: 2/lead = 14
MS 20659-44

Universal Clip: Qty: 2/lead = 14
P/N 21C, Mueller Electric Co., Cleveland, Ohio (76545)

Universal Insulator: Qty: 2/lead = 14
FSN: 5975-132-9478
Screw: Qty: 2/lead = 14
NAS 603-8
Nut: Qty: 2/lead = 14
MS 20365-1032C
Cable: Qty: 20 ft/lead = 7 leads
BMS 13-5D, Type 1, Class A, 1 conductor, No. 4 wire

che

FSC: Level and Plumb
 D2-6951: Level, Cross Test 
 T.O.: _____
 Manufacturer: _____
 Quantity: 1 pack
 Item Description/Remarks:

PSN: 5210-720-01
 P/N: _____
 Fed. Code: _____

1. Aluminum alloy level, adj. vial; 48 in. long; Fed Spec GGG-L-211a;
 Std Pack: 12

 Also: Level and Plumb

Requirement Origin

12-1241-12.13
 12-1330-3.2
 -14.7

Maintenance Function

Means to determine if floor is level

C

he

REVISED A

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NO D2-13961

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h/c

FSC: Level, Carpenter

D2-6951:

T.O.:

Manufacturer:

Quantity: 1

Item Description/Remarks:

PSN: 6010-001-0000

P/N:

Fed. Code:

1. 24" long, 11. alloy, side reading, two twin levels, four twin plumbs.

2. Fed. Spec. GGG-L-2111

Requirement Origin

12.0-4435-010

Maintenance Function

Provide approximate level reference surface to adjust special level assembly

REVISED A

U2 4300 2000

BOEING

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542

FSC: Level Carpenters

D2-6951:

T.O.:

Manufacturer:

Quantity: 1 pack

Item Description/Remarks:

1. Fed. Spec. GGG-2-311A
2. 12 in. length, 2 reading, 1 level, 1 plumb

PSN: 5210-242-6654 (BP)

P/N:

Fed. Code:

Requirement Origin

21SM80A-2-20

Maintenance Function

Level Splice Case

236

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BOEING

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SEC

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9hC

FSC: _____
 D2-6951: Light Aircraft or Helicopter
 T.O.: Light Aircraft or Helicopter
 Manufacturer: _____
 Quantity: 4 each (except as noted)
 Item Description/Remarks:

FSN: _____
 P/N: _____
 Fed. Code: _____

1. Use the following light aircraft and/or helicopters, or equivalent:

Model 180, Cessna Aircraft Co., Wichita, Kansas (71379)
 Model 185, Cessna Aircraft Co., Wichita, Kansas (71379)

Model H19, Sikorsky Aircraft Div. of United Aircraft Corp.,
 Stratford, Conn. (78286); Qty: 1
 Model 47J, Bell Aircraft Corp., Buffalo, N.Y. (06633)

Requirement Origin

Maintenance Function

12.0-1339-2.1

Fly approximately 2100 miles of hardened pressure cable at such altitudes and speed that exposed cable, flooding, shifts of terrain and people in the area can be seen clearly.

21SM80A-2-20

Survey cable layout for possible breaks

21



FIC: _____
 I/O: _____
 T.O.: _____
 Manufacturer: _____
 Quantity: 6
 Item Description/Remarks: _____

FIC: _____
 F/M: _____
 F/S: _____

Requirement Origin

21SM80A-2-20

Maintenance Function

Depotting Type II & Type III splice case



360
FSC: Light Extension

D2-6951: Trundle Light 

T.O.: Br. Light w/ extension cord

Manufacturers: _____

Quantity: 5

Item Description/Remarks:

1. Spec. MIL-L-4020

2. Type No. N-1 with 75 foot long, 3 conductors MIL-C-5756.

 Also: Light, Extension

PSN: 6010-000-0112

P/N:

Fed. Code:

Requirement Origin

12-1243-75.1

-76.2

-82.8

-83.9

-91.1

-92.2

-104.1

-105.2

-111.1

-112.2

118.1

-119.2

-124.1

-125.2

-131.1

-132.2

-140.1

-141.2

-147.1

-149.2

-157.1

-158.2

-171.13

-172.14

21SM80A-2-11

D2-13608-2 Vol. I

12-1212-109.1

-111.3

Maintenance Function

Lighting is required under the floor of the LCC
bolt and unbolt the console from floor

Provide illumination during alignment

Means to provide illumination in work area of Valve,
Blast, 24 inch

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REVISED A

US 4200 1000

BOEING

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b7c

FSC: _____ D2-6951: _____ T.O.: _____ Manufacturer: _____ Quantity: _____ Item Description/Remarks: _____		P/N:  P/N: _____ Fed. Code: _____
 See following page		
Requirement Origin D2-13603-2, Vol IV	Maintenance Function Drain liquid from liquid level control. See Fig 1-33A in T.O.	

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| SEC

NO D2-13961
PAGE 204.1



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Liquid Level Control Checkout Assy Consists of the following:

Nipple, Pipe

FSN: 4730-196-2059 (BP)

1 inch x 1 1/2 inch long, Black steel, Standard

Qty: 1

Tee, Pipe

FSN:

P/N: Fig. 359

Mfr: Grinnell Co. Providence R. I. (26403)

1 inch x 1/2 x 1/2, Reducing, Black steel, Standard

Qty: 1

Nipple, Pipe

FSN: 4730-188-1876 (BP)

1/2 inch x 1 1/8 inch long, Black steel, Standard

Qty: 2

Valve, Globe

FSN: 4820-203-3276 (BP)

Qty: 1

Adapter, Straight Pipe to Hose

FSN:

P/N: 1712

Mfr: Schrader Div. of Scovill Mfg. Co., Brooklyn, N. Y. (53477)

1/2 inch ips to 1/2 inch nom. hose size

Qty: 1

Clamp hose

FSN: 4730-720-0343

1/2 inch size

Qty: 1

Plastic Tubing

FSN: 4710-618-2643

MIL-P-79A, Plastic, Colorless, rd, 5/8 inch od. x 1/16 inch wall
cut to 10 feet long.

Qty: 1

25

REV SYM B

156

FSC: _____	FSN: _____
D2-6951: _____	P/N: _____
T.O.: _____	Fed. Code: _____
Manufacturer: _____	
Quantity: _____ Exp. _____	
Item Description/Remarks: _____	

For Specifications see following page

Requirement Origin	Maintenance Function
12-1282-3.2 -4.7	Prevent battery terminal oxidation (Terminal Grease)
12-1288-3.2 -8.7	
12-3066-2.2 -3.7 -4.11	Hydraulic Fluid (MIL-O-5606) to replace leaking fluid
12-1207-6.4	Service drier - air compressor (SAE30, Automotive or turbine)
12.0-4188-2.1	Replenish pump hydraulic fluid
12.0-4115-2.2	
12.0-1278-8.4	Install inner sleeve (Gulf Endurance Oil 45)
12.0-1226-4.2	
12.0-1339-25.2	
12.0-4102-4.1 -5.5 -6.9	Replenish pump hydraulic fluid
21-SM80A-2-20	Lubricate washers (Gulf Endurance Oil 45)

25e

Lubricants and Hydraulic Fluids

Specifications

MIL-L-2104A
MIL-G-2108A
MIL-L-7870
MIL-VV-G-632, Type A, Grade II
MIL-L-6086B, Grade L
MIL-L-6086, Grade L
MIL-L-6082B, Grade 1065
MIL-F-21568,
MIL-S-21568
MIL-L-2105-B, Grade 90
MIL-L-10324-A
MIL-G-7118
MIL-L-6086
MIL-G-10924
MIL-G-3878
MIL-G-10924
MIL-L-6085
AGMA 8
MIL-L-2105B
MIL-L-2105
DIXON's GRAPHITE No. 635
MIL-VV-G-632, Type A, Grade I
MIL-L-2104
MIL-M-7866, Type G
MIL-L-3921
MIL-H-5606A
VV-H-910
MIL-H-6083
MIL-H-6085A
Petroleum Jelly
MIL-L-2104B
MIL-H-13910
MIL-L-10295A
MIL-L-10324
Molycote
Lubriplate No. 100
Penola Turbo Oil 35
Humble Oil Co.
Endurance Oil 45
Gulf Oil Co.
VV-G-109
VV-L-825
Terminal Grease, NO-OX-1D Type A
MIL-G-21164
MIL-G-25760
Automatic Transmission Fluid Type A

Fed. Code:

5 in. x 5 in. x 10 in.

R
R

pse

FSC: Magnet, Permanent

D2-6951:

T.O.: Bar Magnet

Manufacturer:

Quantity: 6

Item Description/Remarks:

FSN: 5999-268-2731(BP)

P/N:

Fed. Code:

1. Rectangular shape, not rated for flux density, steel, 6 in x 3/4 in x 1/4 in.

Requirement Origin

21SM30A-2-4

Maintenance Function

Simulate magnetic switch closure

21/3

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FSC: Measure, Liquid

D2-6951: Container, 1/2 gallon with spout

T.O.:

Manufacturer:

Quantity: 1

Item Description/Remarks:

FSN: 7240-233-6014 (B)

P/N:

Fed. Code:

1. Double sump bottom provides complete drainage without fitting, swing spout; 1/2 gallon capacity

Requirement Origin

12.O-4150-2.3

Maintenance Function

Used to refill coolant in guidance section cooler test bench

470

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BOEING

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95c

FSC: _____ D2-6951: _____ T.O.: <u>Metal Decal Stamping Machine</u> ▶ Manufacturer: <u>Roovers - Lotsch Corp., Duryea, Penn</u> ▶ Quantity: <u>1</u> Item Description/Remarks:		FSN: _____ P/N: <u>T-20</u> Fed. Code: <u>517.3</u>
1 Also: "Tape Writer, T-20" 2 Roovers - Lotsch formerly in Brooklyn, N. Y. 1. Use with 3/4 in. tape made by same Manufacturer		
Requirement Origin 21SM80A-2-20	Maintenance Function Stamp marker for post plates	

7pc

REVISED A

LSC

FSC: <u>Meter, Air Velocity</u>		PSN: <u>-</u>
D2-6951: <u></u>		P/N: <u>10655</u>
T.O.: <u></u>		Fed. Code: <u>84121</u>
Manufacturer: <u>Scientific Supplies, Seattle Washington</u>		
Quantity: <u>5</u>		
Item Description/Remarks:		
1. 0 to 3000 ft/min, 0-35 mph (dual scale) Reference BSD letter: BSQRT/Maj Reeb/2003 dated Aug. 23, 1962		

Requirement Origin	Maintenance Function
11-1211-4.4 -5.6 -66.2 -76.13 -78.1 -87.1 -97.3 -119.2 -122.5 -124.8 -139.2 11-1212-4.4 -5.6 -67.2 -71.6 -75.4 -82.9 -105.2 -128.2 -129.3 -137.9 -171.4	Test airflow rate to Launcher Tube, to electronic equipment racks air conditions etc of Environmental Control System.

apc



855

FSC: _____ D2-6951: <u>Motor, Air Velocity</u> T.O.: _____ Manufacturer: _____ Quantity: _____ Item Description/Remarks: Use Figure A 4416, "Wind Meter"		PSN: _____ P/N: _____ Fed. Code: _____
Requirement Origin 11-4059-6.4 -6.5	Maintenance Function A means of verifying the wind velocity prior to: Alignment of T/E	

2

REVISED A

552

FSC: _____ D2-6951: <u>Multiplier Torque with Anchors</u> T.O.: _____ Manufacturer: <u>B.H. Sweeney Mfg. Co., Denver, Colorado</u> Quantity: _____ Item Description/Remarks:		FSN: _____ P/N: Fed. Code: _____																								
▷ Consists of the following: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; border-bottom: 1px solid black;">P/N</th> <th style="text-align: left; border-bottom: 1px solid black;">Nomenclature</th> <th style="text-align: left; border-bottom: 1px solid black;">Description</th> </tr> </thead> <tbody> <tr> <td>SWE-102</td> <td>Power Wrench</td> <td>Power Ratio 7.7:1</td> </tr> <tr> <td>SWE-16262</td> <td>Socket</td> <td>1-11/16 in hex</td> </tr> <tr> <td>SWE-16242</td> <td>Anchor Socket</td> <td>1-11/16 in hex</td> </tr> <tr> <td>SWE-16284</td> <td>Socket</td> <td>1-7/8 in hex</td> </tr> <tr> <td>SWE-16244</td> <td>Anchor Socket</td> <td>1-7/8 in hex</td> </tr> <tr> <td>SWE-16240</td> <td>Anchor Bracket</td> <td>Steel</td> </tr> <tr> <td>SWE-67</td> <td>Ratchet Adapter</td> <td>3/4 in sq. drive</td> </tr> </tbody> </table> 1. Use with Wrench, Torque: ESN 5120-720-0719			P/N	Nomenclature	Description	SWE-102	Power Wrench	Power Ratio 7.7:1	SWE-16262	Socket	1-11/16 in hex	SWE-16242	Anchor Socket	1-11/16 in hex	SWE-16284	Socket	1-7/8 in hex	SWE-16244	Anchor Socket	1-7/8 in hex	SWE-16240	Anchor Bracket	Steel	SWE-67	Ratchet Adapter	3/4 in sq. drive
P/N	Nomenclature	Description																								
SWE-102	Power Wrench	Power Ratio 7.7:1																								
SWE-16262	Socket	1-11/16 in hex																								
SWE-16242	Anchor Socket	1-11/16 in hex																								
SWE-16284	Socket	1-7/8 in hex																								
SWE-16244	Anchor Socket	1-7/8 in hex																								
SWE-16240	Anchor Bracket	Steel																								
SWE-67	Ratchet Adapter	3/4 in sq. drive																								
Requirement Origin 12-1280 (1)	Maintenance Function Torque fasteners and bolts when installing actuator mounting plates.																									

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09c

FSC: <u>Nail, Common</u> D2-6951: <u>Nails</u> T.O.: <u>Common Nails</u> Manufacturer: _____ Quantity: <u>Exp.</u> Item Description/Remarks:		FSN: <u>1</u> P/N: _____ Part Code: _____

- 1 4d FSN 5315-664-1436 (BP)
- 6d FSN 5315-664-1469 (BP)
- 8d FSN 5315-664-1470 (BP)
- 12d FSN 5315-664-1427 (BP)

Requirement Origin	Maintenance Function
12.0-1226-3.2 21SMSQA-2-20	Form and Strap Cable Securing splice case to redwood planks.

09c

19C
FSC: Naptha, Aliphatic

D2-6951:

T.O.: Aliphatic Naptha >

Manufacturers:

Quantity: EXP 1 >

Item Description/Remarks:

1. Procure per Fed. Spec. TT-N-95, Type II

- Use with Fig. "A" 4483, Kit, Safety Pin, Installation & Removal
(1 pint per Kit)

> 1 gallon can

> Also: Cleaning solvent

FSM: 6310-238-3119 (B)

P/N:

Fed. Code:

Requirement Origin

T.O. 21SM80A-2-12-1

T.O. 21SM80A-2-10

T.O. 21SM80A-2-5

Maintenance Function

A sealant must be applied to:

G&C section fasteners

Raceway third stage joint

Clean Cable connectors

290

FSC: _____
 D2-6951: Nitrogen Supply
 T.O.: _____
 Manufacturer: _____
 Quantity: 20
 Item Description/Remarks:

FSN:
 P/N:
 Fed. Code:

See following page

Requirement Origin

Maintenance Function

12.0-4305-2.1
 -2.4

Supply of Nitrogen in container

290

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890

Nitrogen Supply

Nitrogen, Technical

FSN: 6830-285-4760 (BP)

MIL. Spec. MIL-N-6011 Grade A Type I; 99.5% nitrogen, water pumped.

Cylinder, Compressed Gas, Nitrogen

FSN 8120-801-3071 (BP)

Non-Shatterable, 2265 psi maximum working pressure;
9 in. dia. x 51 in. high

Regulator, Pressure, Compressed Gas

FSN: 6680-684-1671

Double stage type, 0-125 psi dial range and 0-3 psi dial range;
designed for gaseous nitrogen or compressed air

Regulator, Pressure

FSN: 6680-892-2424

Double stage type, 3000 psi maximum, 2 in. dia. dial;
automatic

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U3 4280 2000

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h7c

FSC: Nitrous Oxide, UCP D2-6951: Tracer Gas T.O.: Manufacturer: Quantity: 8 Item Description/Remarks:		FSN: 6505-130-1920 P/N: Fed. Code:
▷ Also: Cylinder, Tracer Gas Filled type D cylinder 250 gallons (approximately 18" high 6" dia.)		
Requirement Origin 12-1339-(2)	Maintenance Function Use to isolate pneumatic faults Provide compressed gas container for trace gas	

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CCP 901

REVISED C

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 | SEC | PAGE 216.1 →

990

FSC: _____
 D2-6951. _____
 T.O.: _____
 Manufacturer: _____
 Quantity: 2
 Item Description/Remarks:

PSN: -
 P/N: -
 Fed. Code:

1. Lever action power tool, 800 RPM, 115 VAC, 60 cycles, with 90 degree attachment and 1/2 inch hex shank.

Requirement Origin

Maintenance Function

12-1326-4.4
 -14.1

Means of tightening mounting screws, inaccessible with common hand tools

L28

FSC: Character

D2-6951:

T.O.:

Manufacturer:

Quantity: 15

Item Description/Remarks:

PSN: 11-14-14.7

P/N:

Fed. Code:

1. 0.001 to 0.1/1.0/10 ohms resistance ranges, with carrying case, accessories, batteries, test leads and probes.
2. Type AN/UCM-21.

Requirement Origin

11-1412-2.6
11-1424-14.7

11-1425-29.8
11-1368-7.14

-13.8
-19.8

21SN30A-2-4
21SN30A-2-5

Maintenance Function

A means is required to check electrical bonding of VRSA
A means is required to check electrical bonding of HF/UHF
Radio System

A means is required to check electrical bonding of cabinet
and rails

Measure resistance between rack and rails
Measure resistance between rack and rails

23

39C

FSC: Ohmmeter

D2-6951: Ohmmeter

T.O.: Ohmmeter

Manufacturer:

Quantity: 2

Item Description/Remarks:

- 0-100/1000 megohms resistance ranges, with carrying case, accessories, test leads.

FSN: 635-473-0100

P/N:

Fed. Code:

Requirement Origin

Maintenance Function

12.0-4264-2.5

-3.8

-5.3

Measure resistance of clip-lug connections

D2-13608-2, Vol. II

Test well pump cables

39C

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63c

FSC: <u>Pad, Typewriter</u> D2-6951: _____ T.O.: <u>Scuff Pad</u> Manufacturer: _____ Quantity: <u>5</u> Item Description/Remarks:		FSN: 7510-530-6422 (21) P/N: _____ Fed. Code: _____
1. Fed. Spec. ZZ-P-75 2. 14 1/2 in. x 14 1/2 in.		
Requirement Origin 37 GSW4-1	Maintenance Function Place audio reproducer on scuff proof pad	

52



OLE

FSC: Pail, Metal D2-6951: Container, 1/2 Gallon, Open T.O.: Manufacturer: Quantity: Exp. 100 Item Description/Remarks:		PSN: 7210-754-1100 P/N: Fed. Code:
1 Also: Bucket, 1/2 gallon 2 Standard Pack: 10 1. General purpose pail, light weight (galvanized) 10 quart capacity 2. Fed. Spec. RR-P-0030b		
Requirements Origin 12.0-4150-2.3 -72.5	Maintenance Function Used to clean air filter in the Guidance section cooler Test Bench Used to drain charging cylinder and cylinder lines.	

C

2-10

1LC

FSC: Paint, Metal

D2-6951:

T.O.: Water Bucket

Manufacturer:

Quantity: 351

Item Description/Remarks:

PSN: 7240-634-0457

P/N:

Fed. Code:

1. Fed Spec. RR-P-0030b

2. Capacity: 14 qt.

1 21 for splice maintenance
330 for fire prevention with drum, metal per BSD Letter BCSA/Mr. Jacobson/
6657 dated 4-16-62

2 Also: Fail

Requirement Origin

Maintenance Function

21SM30A-2-20

12-1278-7.4

12-1339-22.2

Clean cable ends

Clean potting compound from splice case

Clean potting compound from outer sleeve

21-SM30A-2-19

Drain hydraulic oil

D2-13603-2 Vol. IV

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FSC: <u>Pail, Metal</u> D2-6951: <u>Container, Waste Liquid, 5 gallon</u> T.O.: _____ Manufacturer: _____ Quantity: <u>2</u> Item Description/Remarks: 1. Aluminum; Capacity: 6 gallon; thickness of metal: A/A		FSN: 7240-551-3795 P/N: _____ Fed. Code: _____
Requirement Origin 12.0-4150-14.5 -15.11	Maintenance Function Contain approximately 10 gallons water drained from the guidance section test-repair set during removal of the heater and water tank.	

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526

FSC: _____
 D2-6951: Repair, Reproactive
 T.O.: _____
 Manufacturer: _____
 Quantity: Exp.
 Item Description/Remarks:

FSN: _____
 P/N: _____
 Fed. Code: _____

For specifications see following page

Requirement Origin

12-4028-2.2
 12-3022-2.1
 12-3043-2.4
 12-4263-2.4

Maintenance Function

A means of protecting welded surfaces of repaired adapter
 Protect metal from corrosion

 Protect repaired Post and Chain Assembly

526



hcc

Enamel

1. High gloss alkyd resin enamel; one gallon can; Fed. Spec. TT-E-439c.
Colors per Fed. Std. 595

Strata Blue, No. 15045 FSN: 8010-680-2755 (BP)
White, No. 17875 FSN: 8010-664-4761 (BP)

2. Semi-gloss air drying enamel; one gallon can; Fed. Spec. TT-E-529a.
Color per Fed. Std. 595

Yellow, No. 23538 FSN: 8010-297-0585 (BP)

3. Orange; MIL-P-21563, Color No. 633

4. Red; Fed. Spec. TT-C-595, Color No. 3115

one

5LC
FSC: Pallet, Material Handling

D2-6951: Pallet, 144 in. x 114 in.

T.O.: _____

Manufacturer: _____

Quantity: 1

Item Description/Remarks:

PSN: 3470-141-7141

P/N: _____

Fed. Code: _____

1. Spec. MIL-P-15011C

2. Wood, 48 in. x 40 in. x 5-1/2 in., 4 way entry.

Requirement Origin

12-4043-23.13

Maintenance Function

A means is required to transport the Support Structures to a storage area.

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U3 4200 2000

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FSN: 7530-285-2205 (BP)

P/N:

[Fed. Code]

Manufacturer:

Quantity: Exp.

Item Description/Remarks	Quantity	Unit Price	Total

Requirement Origin

12.0-4252-12.1

-17.1

2LSM8QA-2-16

Maintenance Function

Block air flow through inlet of blower assembly

Place over air intakes for blower racks, A1 and A2

LLC

FSC: <u>Paulin</u>	PSN: <u>8340-408-403</u>
D2-6951: _____	P/N: _____
T.O.: <u>Cotton, Duck, No. 8</u>	Fed. Code: _____

Manufacturers: _____

Quantity: 3

Item Description/Remarks:

1. Fed. Spec. K-P-146, Type I
2. Weight: 17.55 oz. per sq. yard, No. 8 designation, resistant to five, water and weather, olive drab, 16 ft. x 12 ft. with tie ropes and grommets.

Requirement Origin

21SM30A-2-20

Maintenance Function

Cover floor of splice pit

LLC

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alle

FSC:

D2-6951: Pick

T.O.:

Manufacturer:

Quantity: 6

Item Description/Remarks:

FSN: 

P/N:

Fed. Code:



Consists of:

1. Pick, Digging
FSN: 5120-293-3401 (BP)
2. Handle, Mattock-Pick
FSN: 5120-254-6618 (BP)

Requirement Origin

12.0-1339-10.5

Maintenance Function

Uncover buried access valves

()

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US 4200 2006

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86C

FSC: Placard, Warning

D2-6951:

T.O.:

Manufacturer:

Quantity: 30

Item Description/Remarks:

FSN: 9905-680-8115

P/N:

Fed. Code:

1. Aluminum 4-1/2" x 2-1/4" x .024 thick.

2. "Danger- Do not Turn on-Man working on line"

Requirement Origin

Maintenance Function

11-1210-11.2

-16.2

-24.10

11-1211-2.1

-9.1

-12.4

-13.5

-18.2

-19.4

-21.6

-23.9

-47.2

-48.4

-53.3

-56.1

-57.3

-58.7

-63.1

-63.2

-66.1

-69.4

-70.8

-73.1

-75.11

-81.3

-81.5

-82.7

-83.8

-84.11

-92.11

-121.4

-123.7

-126.11

-129.1

-130.3

-131.7

-132.10

Protect personnel working on equipment

(Cont'd on following page

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6LC

FSC: _____ Placard Warning

D2-6951: _____

T.O.: _____

Manufacturer: _____

Quantity: _____

Item Description/Remarks:

PSN: 9905-680-211

P/N: _____

Fed. Code: _____

1. Aluminum 4-1/2" x 2-1/4" x .024 thick.
2. "Danger - Do not turn on - Man working on line"

(Cont'd from preceding page)

Requirement Origin	Maintenance Function
-140.3	
-141.5	
-143.1	
-143.2	
-146.11	
-149.2	
-151.4	
-153.8	
-154.10	
-157.1	
-158.3	
11-1212-2.1	
-9.1	
-2.4	
-13.5	
-17.3	
-18.4	
-20.6	
-21.9	
-45.1	
-46.4	
-51.3	
-54.1	
-55.3	
-56.7	
-61.1	
-61.2	
-63.5	
-66.1	
-67.2	
-69.4	
-71.8	
-74.1	
-76.10	
-80.1	
-82.7	
-83.11	
-84.13	

(Cont'd on following page)

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A

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080

FSC: Placard, Warning

D2-6951:

T.O.:

Manufacturer:

Quantity:

Item Description/Remarks:

1. Aluminum 4-1/2" x 2-1/4" x .024 thick.
2. "Danger - Do not turn on - Man working on line"

FSN: 9905-600-0015

P/N:

Fed. Code:

(Cont'd from preceding page)

Requirement Origin

Maintenance Function

-90.3
 -92.6
 -93.8
 -101.11
 -128.2
 -135.6
 -140.1
 -142.7
 -144.11
 -150.3
 -153.1
 -154.3
 -155.7
 -166.4
 -167.6
 -168.8
 -175.4
 -177.8
 -178.10
 -181.1
 -181.3
 11-1230-12.1
 -18.1
 11-1323-3.2
 -5.3
 -8.7
 -11.11
 -12.13
 -15.1
 -17.3
 -20.6
 -21.8
 -24.1
 -25.6
 -26.8
 -27.10
 -28.12

Protect Personnel working on equipment

(Cont'd on following page)

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18c

FSC: Placard, Warning

D2-6951:

T.O.:

Manufacturer:

Quantity:

Item Description/Remarks:

1. Aluminum 4-1/2" x 2-1/4" x .024 thick.
2. "Danger - Do not turn on - Man Working on line"

FSN: 915-00-000

P/N:

Fed. Code:

(Cont'd from preceding page)

Requirement Origin

Maintenance Function

-25.1
-39.0
11-1324-49.3
11-1325-12.2
-18.1
-19.5
-23.2
-24.5
-25.7
-26.9
-29.2
-30.5
11-1327-12.5
-19.1
-19.2
11-1329-3.2
-5.3
-7.7
-9.10
-10.12
-12.14
-15.2
-16.4
-18.9
-20.14
-22.1
-23.3
-33.5
11-1389-2.1
-2.2
-4.3
-7.5
-18.1
-20.3
11-1390-2.1
-6.5
-10.1
-12.2

(Cont'd on following page)

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232

FSC: Placard, Warning

D2-6951:

T.O.: Placard, Warning

Manufacturer:

Quantity:

Item Description/Remarks:

FSN: 9905-680-8115

P/N:

Fed. Code:

1. Aluminum 4-1/2" x 2-1/4" x .024 thick
2. "Danger - Do not turn on - Man working on line"

(Cont'd from preceding page)

Requirement Origin

11-1405-13.1
-19.1

21SMBOA-2-5

Maintenance Function

Protect personnel while working on circuits

232

286

FSC: _____
 D2-6951: Platform Extension
 T.O.: _____
 Manufacturer: _____
 Quantity: _____
 Item Description/Remarks:

FSN: Not applicable
 P/N:
 Fed. Code:

1. A temporary maintenance platform must be constructed across the end of the LCC between the Snock Mounted floor and the Capsule Liner.

Requirement Origin

11-1212-109.1
 -110.2
 -111.3

Maintenance Function

A temporary platform used during installation and removal of valve, blast, 24 inch

270

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h8e

FSC:

B2-6951: Plug and Borehead Set

T.O.: Plug and Borehead Set

Manufacturer: West-More Organization Inc., Warren, Michigan

Quantity: To be determined by RSD/SAC/OOAWA

Item Description/Remarks:

PSN:

P/N: J-5722

Fed. Code: 33287

1. Set of various sizes plastic caps or plugs.
2. Use with "Tape, Pressure Sensitive".

▷ Also: Cap, Protective, Dust and Moisture Seal Cover,
Electrical Connector

Requirement Origin

Maintenance Function

12-1214-8.15

A requirement to cap or plug water fittings to electrical
connectors on chiller unit when servicing

Plug disconnected tubing of:

-17.8

Vapor mixing valve

-20.1

Pressure Gage

-20.4

Expansion Valve and Sensor Bulb

-24.1

Pumping Assembly; Liquid Cooler

12-4075-55.3

Prevent contamination of refrigerant by moisture, dirt,
etc.

-59.10

12-1214-3.8

A requirement exists that protective caps be provided for
the Water Chiller water connections.

12-4115-67.1

Prevent contamination of refrigerant lines by moisture
foreign particles, etc.

-70.9

-73.1

-79.1

-79.2

-82.13

-83.14

-85.1

-85.2

-87.6

-87.7

-89.11

-90.12

-92.1

3503-11-25-1

Plug hydraulic lines

53C

00

FSC: Plumb Bob

D2-6951:

T.O.: PLUMB BOB

Manufacturer:

Quantity: 5

Item Description/Remarks:

1. Fed. Spec. GGG-P-00501D

2. Use with; sheath plumb bob FSN: 5210-273-1958 (BP)

FSN: 5210-224-8794 (BP)

P/N:

Fed. Code:

Requirement Origin

D2-13608-2, Vol. II

Maintenance Function

Check Sewage Pump

00

237

100000

BRIND

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FSC: _____
 D2-6951: _____
 T.O.: Polyethylene Tape
 Manufacturer: Natvar Corp. Woodbridge, New Jersey
 Quantity: Exp. _____
 Item Description/Remarks:

FSN: _____
 P/N: AP-7209
 Fed. Code: 96904

1. B-polyethylene tape, 3 in. x 0.008 in.

Requirement Origin

Maintenance Function

12.0-1278-7.4
 12.0-126-3.2
 12.0-1339-25.2
 21SM80A-2-20

Splice Cable

Cover Conductors

273

14560 A

BEING VOL
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 PGS 238



LSC

FSC: _____
 D2-6951: _____
 T.O.: Portable Precision Pyrometer
 Manufacturer: Acme-Carr Supply Co., Chicago, Illinois
 Quantity: 6
 Item Description/Remarks:

PSN: -
 P/N: 40951
 Fed. Code: 39428

Requirement Origin

21SM80A-2-20

Maintenance Function

Depotting Type I splice case

LSC



PSN: 6625-649-5070
P/N:
Fed. Code:

1. Reference: Letter OONCTG/Mr. Crawford/22142 dated 9 April 1963

Requirement Origin	Maintenance Function
11-HF/UHF"O"-3.3	A means of measure 2-30 MC output of HF transmitter, 225-400 MC output of UHF transmitter.

REVENUE

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BOEING

1 VOL.



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240

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FSC:

D2-6951: Power Supply

T.O.:

Manufacturer: Kepco Laboratories, Inc., Flushing, N.Y.

Quantity: 1

Item Description/Remarks:

1. 100 ± 5V DC at 0.5 amp capacity
2. Range 20 to 100V DC
3. Powered by 120 ± 10V AC

FSN: -

P/N: 605

Fed. Code: 85604

Requirement Origin

12.0-4252-41.3
-110.3

Maintenance Function

External power supply required

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062

FSC: _____ D2-6951: Pressure Gauge, Dial Indicating ▶ T.O.: _____ Manufacturer: _____ Quantity: _____ Item Description/Remarks: _____		FSN: _____ P/N: _____ Fed. Code: _____
▶ Gage, Pressure 1. Use Figure "A" 4557, "Gage Set, Pressure"		
Requirement Origin 12.0-4075-14.3 12.0-4150-5.5	Maintenance Function Precision pressure gauge to calibrate hydraulic pressure gauge on T-E Test bench outlet pressure (0 to 30 psig) (± 1 psig accuracy)	

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16c

FSC:

D2-6951:

T.O.: Primer

Manufacturer: Products Research Co. Gloucester City, N. J.

Quantity: 1

Item Description/Remarks:

▷ Use with Fig. "A" 4483 Kit, Safety pin, Installation & removal
(4 ounces per Kit)

1. Procure per Material Spec. BMS 5-62

Requirement Origin

T.O. 21SM80A-2-17-1

T.O. 21SM80A-2-10

Maintenance Function

A sealant must be applied to:

G&C section fasteners

Raceway third stage joint

abc

FSC: _____	PSN: -
D2-6951: _____	P/N: _____
T.O.: <u>Primer</u>	Fed. Code: _____
Manufacturer: _____	
Quantity: <u>Exp.</u>	
Item Description/Remarks:	

1. Fed Spec TT-P-86

Requirement Origin

21SM80A-2-11

Maintenance Function

Refinish sway damper and floor support spring assy.

abc

FORM 1 A

BOEING VOL
SEC

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FSC: D2-6951: Protective Clothing and equipment
 T.O.:
 Manufacturer:
 Quantity: (To be determined by SAC/BSQRT/COM)
 Item Description/Remarks:

FSN:
 P/N:
 Fed. Code:

1. See following page
2. Reference: BSD Letter BSQRT/Maj. Reeb/2008 dated 8-23-62

▷ Also: Goggles, Industrial
 Gloves, Rubber
 Respirator
 Boots, Knee

R

Requirement Origin	Maintenance Function
11-GCS"0"-9.7 -11.9 -4.3	Means of protecting personnel draining coolant Means of protecting personnel draining coolant
12-1214-10.1 -10.2	Protection while removing and installing compressor unit
12-1318-2.4 -2.5 -5.1 -6.2 -7.9 -7.10	Protection while handling chromate concentrate
21-SM80A-2-6	Protect hands while using sodium chromate
12-1214-6.13 -6.14 -10.1 -10.2	Protect eyes from refrigerant when recharging, and when removing and installing, the compressor unit
12-4075-54.3 -55.5 -59.10 -60.11	Protect eyes whenever freon lines are disconnected
12-4115-67.1 -79.1 -82.13 -83.14 -85.1 -87.6 -89.11 -92.1	
D2-13608-2, Vol. I	Protect Personnel Cleaning fuel oil system

R

29

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hbe

Protective Clothing and Equipment

Breathing Unit

FSN:

Mfr: Scott Aviation Corp., Lancaster, N. Y. (53655)

Part No: Model No. 23070-1

Breathing Air Unit, self-rescue (5-8 minute supply); with case

Recharging Unit, Breathing Air

FSN:

Mfr: Scott Aviation Corp., Lancaster, N. Y. (53655)

Part No: Scott Air Pak

Breathing air recharging unit, cascading for charging breathing unit cylinder;
3 cylinder manifold

Air, Breathing

FSN:

Mfr: National Cylinder Gas, Div. of Chemetrow Corp.

Part No:

Oil-less pumped breathing air; 20-21% oxygen, 0.1% max. carbon dioxide;
0.002% max. carbon monoxide; 130 mg per liter max. oil vapor

Goggle

FSN:

Mfr: American Optical Co. Safety Products Div., Southbridge, Mass. (83309)

Part No: SCS-199 W/O vents

Cover, flexible plastic frame; clear and green, acetate lens; can be worn
alone or over Rx spectacles

Goggle

FSN:

Mfr: Willson Products Inc., Reading, Pa. (79687)

Part No: Model No. WCSG-F48

Cover, clear hinged bridge with side shields and plastic cable temples,
with clear Willsonite lens; not designed to be worn over Rx spectacles

Goggle

FSN:

Mfr: Welsh Mfg. Co., Providence, R. I. (07710)

Part No: Model No. 5070

Cover, flexible plastic frame (opaque green) with #3 shade filter between
2-CR39 plastic cover plates

Lens

FSN:

Mfr: Welsh Mfg. Co., Providence, R. I. (07710)

Part No:

Filter plate, welding, 2" x 4 1/4"; shades 3.0, 5.8, 10, and 11.

Shield

FSN:

Mfr: Safety and Supply Co., Seattle, Wash.

Part No: Tru-Saf Model No. 119 with Model No. 119-1 visor

Face standard industrial impact protection, with 8" LX .040 acetate
plastic visor

(Cont'd on following page)

(Cont'd from preceding page)

Shield

FSN:

Mfr: Safety and Supply Co., Seattle, Wash.

Part No: Tru-Saf Model No. 219 with Model No. 219-1 visor

Face, Standard industrial chemical splash protection with 8" LX .040 vinyl plastic visor

Respirator

FSN:

Mfr: Willson Products, Inc., Reading, Pa (79687)

Part No: Model No. 800C

Face Mask, twin cartridge type

Cartridges, chemical (organic vapors and acid gases)

FSN:

Mfr:

Part No:

Compatible with Respirator Face Mask

Filters, dust (not significantly more toxic than lead)

FSN:

Mfr:

Part No:

Compatible with Respirator Face Mask

Belt, Safety

FSN:

Mfr: Rose

Part No: Safe-Hi Model No 130-C

Chest-waist type with circle "D" ring

Miscellaneous Safety Equipment

Lantern, Electric

FSN: 6230-283-9388

6 Volt; explosion, shock, weather proof

Belt, Safety, Vehicle

FSN:

Mfr: Rose

Part No: Safe-Hi Model No. 850G and 858G

Auto and Truck Safety Belt; per SAE SBA-4

Flashlight

FSN:

Mfr: Stewart R. Browne Mfg. Co., Inc. New York, N. Y. (83303)

Part No: Model No F-81X and F-91X

Gloves, Rubber

FSN: 8415-634-4639(BP)

Boot, Knee

FSN: 8430-262-8256 (Size 9)

8430-262-8257 (Size 10)

8430-262-8258 (Size 11)

76C

FSC: _____
 D2-6951: Puller, Mechanical _____
 T.O.: _____
 Manufacturer: Kent Moore Org. Inc., Warren, Mich. _____
 Quantity: 1 ea. _____
 Item Description/Remarks: _____

FSN: _____
 P/N: 
 Fed. Code: 32287

 See following page

Requirement Origin	Maintenance Function
12.0-4075-68.5	Remove universal yoke from splined pinion shaft
-68.9	Remove clutch pilot bearing from flywheel
-72.9	Remove pitman arm from tapered serrated shaft
-72.9	Remove steering wheel from serrated steering shaft.

76C

Lbc

Fuller, Mechanical

Steering Wheel Remover

Kent Moore Organization, Inc., Warren, Mich.

Part No: J 2927

Pitman Arm Remover (1 15/16" shaft)

Kent Moore Organization, Inc., Warren, Mich.

Part No. J 3186

Pitman Shaft Side Cover Needle Bearing Remover Adapter

Kent Moore Organization, Inc., Warren, Mich.

Part No. J 5901-2

Pinion Yoke Remover (1 3/4")

Kent Moore Organization, Inc., Warren, Mich.

Part No. J 3420

36e

CAC

FSC: Pump, Inflating, Manual

D2-6951:

T.O.: Hand Pump

Manufacturer:

Quantity: 6

Item Description/Remarks:

PSN: 4320-278-9769

P/N:

Fed. Code:

1. Spec. USAF 50353, Type A-2
2. 1 cylinder, unthreaded outlet, snap-on type end connection, folding foot holders.

Requirement Origin

21SM80A-2-20

Maintenance Function

Apply 35 psig to operate cable pneumatic system and open valve

CO

36e

411550 - 1

REMARK

VOL

SEC

NO D2-13961

PAGE 2.50



T.O.: Hand Pump

Manufacturers: _____

Quantity: 6

Item Description/Remarks:

1. Spec. USAF 50353, Type A-2

... unthreaded outlet, snap-on type end connection,
...

Requirement Origin

21SM80A-2-20

Maintenance Function

Apply 35 psig to operate cable pneumatic system and
open valve

DSND

VOL

NO D2-13961

MC

PAGE 250

b6c

FSC: Pump, Rotary, Hand Driven

D2-6951: Pump, Rotary, Hand Driven

T.O.: Rotary Pump

Manufacturer: General Electric

Quantity: 15

FSN: 4320-855-4829

P/N: 708564761

Fed. Code:

Item Description/Remarks:

1. Rotary can type pump, 14 gal./100 revolutions; outlet hose: 1-1/4" diameter, 25 ft. long

Requirement Origin

Maintenance Function

12-1209-10.1

-22.1

Remove water from sump by using hand pump

12-1211-9.1

-13.5

Supply Brine Solution for Brine Subsystem

-19.4

-23.9

-48.4

-64.2

11-1212-9.1

-13.5

-14.5

-19.4

-22.9

-46.4

-62.2

-132.6

-142.4

-146.13

D2-13608-2, Vol. II

Maintain water level in sump when pump is removed

008

FSC: Punch, Drive Pin

D2-6951: Drift Pin 1/8 Inch

T.O.:

Manufacturer:

Quantity to be determined by SAC/BSD/OOAMA

Item Description/Remarks:

PSN: 5120-242-3433 (BP

P/N:

Fed. Code:

1. Drive pin punch, solid, short taper, 1/8" point diameter;
Fed. Spec. GGG-P-00831b Type VIII Class C.

Requirement Origin

12-1330-13.7

Maintenance Function

Align holes when installing shock absorber

008

12-1330 - A

~~REMOVED~~

VOL

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008

FSC: Punch, Drive Pin

B2-6931: Drift Pin 1/8 Inch

T.O.:

Manufacturer:

Quantity to be determined by SAC/RSD/COAMA

Item Description/Remarks:

FSN: 5120-242-3433 (RP)

P/N:

Fed. Code:

1. Drive pin punch, solid, short taper, 1/8" point diameter;
Fed. Spec. 00G-P-00831b Type VIII Class C.

Requirement Origin

12-1330-13.7

Maintenance Function

Align holes when installing shock absorber



18E

FSC:

D2-6951: Pure Gas Sealant

T.O.: Pure Gas Sealant

Manufacturer: Puregas Equipment Corp., Copiague, Long Island, N.Y.

Quantity: Exp

Item Description/Remarks:

FSN: -

P/N: 7012

Fed. Code: 06178

Basis of issue: 1 lb. per box, 34 boxes per case

Requirement Origin

12.0-1278-8.4

12.0-1226-4.2

12.0-1339-25.2

21-SH80A-2-20

Maintenance Function

Install inner sleeve, Splice case

Set sealing grommets



20E

Cr:

FSC: _____
D2-6951: _____
T.O.: Putty
Manufacturer: Products Research Co., Gloucester City, N. J.
Quantity: Exp.

FSN: -
P/N: PR 1910-1
Fed. Code: 05027

Item Description/Remarks:

1. Use with Fig. "A" 4483, Kit, Safety Pin, Installation & Removal
 2. $\frac{1}{2}$ hour Shelf Life
- ▷ Procure per Material Spec. BMS 5-62

Requirement Origin

T.O. 21SM80A-2-17-1
T.O. 21SM80A-2-10

Maintenance Function

A sealant must be applied to:

G&C section fasteners
Raceway third stage joint

C

585

SWISS A

BOEING VOL
SEC

NO D2-13961
MAG 2.54



508

FSC: <u>Rag, Wiping</u>	VEN: 7920-205-3571 (B)
D2-6951: <u>Clean Rags</u>	P/N:
T.O.:	Fed. Code:

Manufacturer: _____
 Quantity: Exp. 
 Item Description/Remarks:

1. Reclaimed cotton fabric; for wiping oil and grease from machinery;
 white; red; Spec. DDD-R-0030a

 Std. Pack: 50 pound bale

Requirement Origin	Maintenance Function
12-1217-17.4 -18.6	Means of cleaning area of removed seals
TO 35D3-11-25-1	Repair TE Missile container

508

40000 A

FAC: _____

DE-6951: Rail Car G-85

T.O. 1

Manufacturer: _____

Quantity: As required to support program requirements

Item Description/Remarks:

PSN:

P/N:

Fed. Code:

Requirement Origin

Maintenance Function

11.0-(25-18804)-11.0

Transport loaded MCAT

14.0-(25-18804)-14.0

Positioned at end of rail siding

50 E

FSC: D2-6951: Ramp Set, loading

PSN:
P/N:
Fed. Code:

T.O.: _____

Manufacturer: _____

Quantity: 5

Item Description/Remarks:

1. Consists of: Ramp - folding, portable, wood ramp;
7 ft. long. 10 in height to floor, 3000 lb. capacity
Ramp, Portable - Portable wood ramp; 3 ft long,
2 in height to floor, 3000 lb. capacity

Requirement Origin	Maintenance Function
12-1288-5.6 -8.7	A means to negotiate rolling equipment through the blast door to the level of the floor of the access portal of the LCC.
12-1367-26.2	
12-1368-50.3 -9.3 -10.4 -15.3 -16.4	
11-1212-109.2 -136.7 -140.2 -143.7	To aid in handling: Blast Valve Cooling Unit, Emergency Cooling Coil Fan, Axial, Power Driven Shock Absorber Cylinder, Compressed Gas
11-1241-7.4 -14.2	



70E

FSC: _____ D2-6951: Receiver, Refrigerant T.O.: _____ Manufacturer: _____ Quantity: 1 each Item Description/Remarks:		FEN: _____ P/N:  Fed. Code: _____
1. Freon storage tank, capacity 146 lbs. Freon. Equipped with control and relief valves and pressure gage (0-3000 psig).  Consists of: Tank Part No. REF-146-10 Pressed Steel Tank Co. Milwaukee, Wisconsin (48816) Valve Model No. 952A34E Kerotest Mfg. Co., Pittsburg, Pa. (33334)		
Requirement Origin 11-1211-25.13 -39.7 11-1212-23.13 -36.7	Maintenance Function Evacuate refrigerant into receiver for removal of defective items from chiller, brine, refrigerating, CH-1	

343

101560 A

LOS

FSC:

D2-6951: Reel, Umbilical Cable Assembly

T.O.:

Manufacturer:

Quantity:

Item Description/Remarks:

PSN:

P/N:

Fed. Code:

1. Use Manufacturers shipping container.

Requirement Origin

Maintenance Function

11-1248-33.2

A means of storing the Umbilical cable during transit.

-37.12

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US 4200 2000

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254

8, E

PSC, Remover, Instrument Cluster Tool

D2-6951: Depressor, Spring Clip, Instrument Panel

T.O.:

Manufacturer: Kent-Moore Org. Inc., Warren, Michigan

Quantity: 1

Item Description/Remarks:

FSN: -

P/N: J-7900

Fed. Code: 33287

1. Special depressor tool with curved tapered end to allow proper engagement with holding clips.

Requirement Origin

Maintenance Function

12.0-4075-75.3

Depress springs for panel removal.



608

PSC: Resistance Decade Box

D2-6951:

T.O.: Decade Resistor Box

Manufacturer:

Quantity: 2

Item Description/Remarks:

FSN: 6625-557-0332

P/N:

Fed. Code:

1. Spec. 71-3337
2. 1-111,110 ohms, accuracy of 1 ohm.
3. TS-578/U

Requirement Origin

Maintenance Function

33D9-6-21-1

Check out electronic facility base maintenance test equipment

6150

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BOEING

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012

FSC: Rod Assembly, Ground

D2-6951: Ground Rod Assembly

T.O. r Ground Rod Assembly

Manufacturer:

Quantity: 1

Item Description/Remarks:

1. Stainless hook with plastic handle with single lug end for attaching ground line

PSN: 5975-397-3377

P/N: C205891-2

Fed. Code:

Requirement Origin

12-4152-5.11

33D9-6-21-1

Maintenance Function

Discharge capacitor contained in filter

Discharge Filters

012

4152 A

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118

PSC: Rodenticidal Bait, Anticoagulant

D2-6951: Poison, Rodent

T.O.:

Manufacturer:

Quantity: Exp.

Item Description/Remarks:

PSN: 6840-530-4762(22)

P/N:

Fed. Code:

1. Fed. Spec. O-R-00500A:

2. 24 oz. can.

Requirement Origin

8.0-(BU-SK-25-18771-13)-8.4.2.2

8.0-(BU-SK-25-18771-13)-8.4.2.3

Maintenance Function

Launcher Support Building requires protection against rodent inhabitation



21E

FSC: Rod, Stirring Laboratory

D2-6951:

T.O.: Stirring Rod

Manufacturer:

Quantity: 2

Item Description/Remarks:

1. Both ends rounded; hard rubber, 10 in. long, 1/4 in. dia.

FSN: 6640-599-8897(SF)

P/N:

Fed. Code:

Requirement Origin

Maintenance Function

35E9-37-1

Stir water during cold bath test

300

111111

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37E

FSC:

D2-6951: Rolls MCAT 463L

T.O.:

Manufacturer:

Quantity:

Item Description/Remarks:

FSN:

P/N:

Fed. Code:

The 463L Roll system is furnished with the C-133B aircraft.

Requirement Origin

Maintenance Function

15.0(25-18804)-15.3

Roll System required.

18.0 (25-18804)-18.4

Disconnect and remove transfer ramp support and rolls.



h1E

FSC: Rope, Manila

D2-6951: Rope

T.O.: Rope, Snubbing

Manufacturer:

Quantity: Exp

Item Description/Remarks:

- ▷ 4020-289-8614 (BP) - 3/8" Diameter, Fed Spec TR-605
- 4020-289-8615 (BP) - 1/2" Diameter Fed Spec TR-605

PSN: 1

P/N:

Fed. Code:

Requirement Origin	Maintenance Function
3.0(25-18837)-3.4	Used during the operation of the following: Place work cage on launcher access door
3.0(25-18837)-3.4	
5.0(25-18837)-5.2	Reinstall elevator, work cage, and supports after missile emplacement.
6.0(25-18837)-6.4	Remove elevator work cage from launch tube
6.0(25-18837)-6.4	
1.0(II SK25-22294)	Emplace re-entry vehicle handling equipment
Sheet 1 - 1.3.2	
1.0(II SK 25-22294)	Controlling NSLOP/Q during lowering operations (prepare replacement G&C section for installation)
Sheet 2 - 2.0.1	Remove G&C Section handling equipment from G&C Section
3.0(25-22294)-3.13.5	Control NSLOP/Q during lowering operation
-3.15.1	Remove and stow elevator work cage into support assembly
4.0(25-22294)-4.16	Re-install elevator and work cage from equipment room
-4.20.1	Remove elevator and work cage from launch tube and stow in equipment room
4.0(25-22294)-4.20.3	Used during removal of elevator work cage from launch tube.
6.0(25-18837)-6.4	3" Rope to extract cable from conduit; approx. 500 ft. required
12-1423-2.2	
12-1424-12.7	
-14.8	
12-1425-27.7	
12-1246-4.6	a means to: bind cable in codes
-37.2	
-37.1	extract cable from conduit
-38.3	
12-1248-3.5	Extract cable from conduit
-4.7	
-10.2	
11-1209-10.1	Use to lift cover of Sump (1/2 inch)
-11.2	Use to lower pumping unit
11-1211-43.2	Use to hoist fan onto cargo trailer
11-1242-6.2	To prevent cable from falling into hoistway
-27.1	
21SM80A-2-11	Aid in removing and replacing gas generator
21SM80A-2-19	Raise and lower small articles
21SM80A-2-20	Pull cable through conduit and secure splice casing during depotting

(Cont'd on following page)

WMSD A

BEING

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sec

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S/E

FSC: Rope, Manila
 D2-6951: Rope P
 T.O.: Rope, snubbing; Manila Rope
 Manufacturer: _____
 Quantity: Exp.

FSN: 1
 P/N: _____
 Fed. Code: _____

Item Description/Remarks:

- 1 4020-289-8614 (BP) - 3/8" Diameter, Fed.Spec. TR-605
- 4020-289-8615 (BP) - 1/2" Diameter Fed Spec TR-605

2 Also: Strap

(Cont'd from preceding page)

Requirement Origin	Maintenance Function
21-SM80A-2-8 21-SM80A-2-10 12.0-4445-4.6 -7.7	Hold Control Panel in an upright position when the chasis is in the out position during testing.
D2-13608-2 Vol. IV	
I-1379-(1)	A means of handling Power-Signal Distribution Unit during removal and installation (25' x 1/2")
I-4043-(1)	Elevator and Work Cage, Passenger and Equipment (25' x 1/2")

71E

FSC:

NS-6951: R P Super Filter Coat #418

T.O.:

Manufacturer: Research Products Co. Madison, Wisconsin

Quantity: EXP

Item Description/Remarks:

FEN:

P/N: 418

Fed. Code: 82866

Requirement Origin

12-4062-(1)

Maintenance Function

Coat Filter with Adhesive Solution

65

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L1E

FSC: Rubber Sheet, Solid

DE-6951: Rubber Sheet

T.O.:

Manufacturer:

Quantity: 20

Item Description/Remarks:

FBN: 9320-202-1932

P/N:

Fed. Code:

1. Cured synthetic rubber, smooth both sides; color, any acceptable; size: 36" long x 36" wide x 1/2" thick; 1900 psi tensile strength; 75-85 durometer rating, weather resistant.

Requirement Origin

3.0(25-22294)-3.13.4

Maintenance Function

Soft surface upon which faulty G&C may be placed

100

1000 1

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31E

FSC: Safety Can

D2-6951: Container, Fluid ▷

T.O.: _____

Manufacturer: _____

Quantity: 6

Item Description/Remarks:

FSN: 7240-655-4958(BP)

P/N: _____

Fed. Code: _____



Also: Container, Lubricant; Container, 5 gallon

1. Metal can for temporary storage and handling of flammable liquids; short rigid spout with spring hinged cap eliminates evaporation loss; trigger grip, 5 gal capacity.
2. Fed Spec RR-S-30a

Requirement Origin

Maintenance Function

12-4059-73.1

-92.1

-93.2

-95.5

-98.9

-12.6

11-1211-9.1

-13.5

-19.4

-23.9

-48.4

-64.2

11-1212-9.1

-13.5

-19.4

-22.9

-46.4

-62.2

-131.6

-141.4

-145.13

A means to drain coolant from Heat Exchanger on T-E.

A means to collect Hydraulic fluid drained from T-E actuator Assy (12½gal)

A requirement exists for a means of containing 14½ quarts lubricant drained from the T-E Hoist Assy. Container for Brine Solution, Distilled Water, and Coolant

30W

10W40 A

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612

PSC: Safety Can

D2-6951: Container, Storage Hydraulic Fluid ➤

T.O.: _____

Manufacturer: _____

Quantity: 1 carton

Item Description/Remarks:

1. Fed. Spec. RR-S-30a
2. Safety Can, 1 gallon capacity
3. 6/carton

➤ Also: Container, 1 gallon; Drum, Metal, 1 Gallon

PSN: 7240-240-6957(BF)

P/N: _____

Fed. Code: _____

Requirement Origin

Maintenance Function

12.0-4188-3.10

-3.11

-5.1

12.0-4175-4.1

11-1211-9.1

-13.5

-19.4

-23.9

-48.4

-64.2

11-1212-9.1

-13.5

-19.4

-22.9

-46.4

-62.2

11-1230-10.10

11-1405-6.5

-11.10

Collect hydraulic fluid during removal and replacement of the hydraulic pump and hose assembly on the T-E leveling Jack Set.

Contain hydraulic fluid from Translating Jack Set hydraulic Pump
Container for inhibited ethylene glycol

Container to collect residual fuel from hose

07E

FSC:

D2-6951: Safety Lanyard

T.O.:

Manufacturer: Safety & Supply Co., Seattle, WashingtonQuantity: 30 ea.

Item Description/Remarks:

FSN:

P/N: 2

Fed. Code:

▶ Used with Belt Safety Industrial

▶ N-3 (3' used in work cage)

N-6 (6' used near door)

N-12 (12' used on surface near Launch Tube)

Requirement Origin

3.0(25-18837)-3.4

3.0(25-18837)-3.4

5.0(25-18837)-5.2

2.0(IISK 25-22294)

Sheet 1-2.2.1.2

2.0(IISK 25-22294)

Sheet 1-2.2.2.1

2.0(IISK 25-22294)

Sheet 1-2.4.1

1.0(IISK 25-22294)

Sheet 1-1.2.4

-1.2.5

-1.2.6

-1.3.2

-1.3.4

2.0(IISK 25-22294)

Sheet 2-2.1.5.2

-2.2.8

2.0(25-22294)-

2.2.1

-2.2.3.2

3.0(25-22294)-3.14

4.0(25-22294)-4.20.1

-4.20.3

12-1318-5.1

-6.2

21-SM80A-2-8

D2-13608-1, Vol. IV

Maintenance Function

Protect personnel during operation of following maintenance functions.

Prepare to place work cage on launch access door

Remove elevator and work cage from launch tube access door.

Permit electrical check of programmer group

Position R/V MIE for placement in R/V GC Semitrailer

Position personnel and equipment for R/V removal

Remove spacer access door from R/V and disconnect re-entry vehicle electrically

Verify re-entry vehicle electrical malfunction

Emplace re-entry vehicle handling equipment

Remove re-entry vehicle from missile and stow in semitrailer

Reactivate elevator and work cage

Position R/V MIE for placement in R/V-GC semitrailer

Prepare re-entry vehicle and MIE for mating

Premate electrical check of programmer group

Prepare mechanical interfaces for mating

Re-install elevator and work cage from equipment room

Remove elevator and work cage from launch tube and stow in equipment room

Provide safety equipment for personnel removing hoses

17E

FSC: Scale, Dial and Beam Indicating

NS-6931: Scale, Weighing

T.O.:

Manufacturer:

Quantity:

Item Description/Remarks:

PSN: 6670-526-8174

P/N:

Fed. Code:

1. Floor style, circular type, avoirdupois system graduated 0 to 250 lbs, 400 lbs. max. weighing capacity, platform, with wheels

Requirement Origin

12.0-4115 (2)

Maintenance Function

Weigh refrigerant (freon 12) which has a full charge of 17 lbs.



772

FSC: Semi-trailer, Low Bed
 D2-6951: Semi-Trailer, Low Bed, Type X-269
 T.O.: Low-Bed Semitrailer X-269
 Manufacturer: _____
 Quantity: 1

FSN: 2330-899-7527
 P/N:
 Fed. Code:

Item Description/Remarks:

- 300 inch long loading area, capacity 20 ton; four wheels; per USAF Exhibit MP2330-129, Type 1 Class A

Requirement Origin

Maintenance Function

11-1211-22.7

A means to transport Brine Chiller 4000 lbs. to Launcher and return defective unit to Support Base for repair

11-1212-20.7
 -40.2

Transport fan and 4000 lb. Fork Lift Truck from LCC to Support Base

11-1323-57.7

Transport Generator Set

21SM80A-2-19

36

TWED A

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87E

FSC: Semitrailer, Tank
 DS-4951: Semitrailer, Tank
 T.O.: Trailer Tank Type C
 Manufacturer: _____
 Quantity: 1

FSN: 2330-844-1684
 P/N:
 Fed. Code:

Item Description/Remarks:

1. MIL-S-27455 (USAF), Type AM 32R 10
2. 6000 gallon liquid capacity.
3. 1 compartment, W/O pumps, W/O facilities for heating contents
4. 3 manholes, 4 in. piping system.
5. 420 in. max. lg., 96 in. max w.

Requirement Origin

D2-13608-2, Vol. IV

Maintenance Function

Transport fuel oil

ACE

PSC: Sewing Machine, Industrial

D2-6951: Sewing Machine

T.O.:

Manufacturer:

Quantity: 1

Item Description/Remarks:

FSN: 3530-171-2135

P/N:

Fed. Code:

1. General sewing, lock type stitch, single needle; 10 1/2 in. depth of throat, flat type bed; 110 V, 60 cycle, single phase

Requirement Origin

12-4025-2.5

-4.11

Maintenance Function

A means is required to sew nylon web.

502

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see

FSC: <u>SHackle</u> DE-6951: _____ T.O.: _____ Manufacturer: _____ Quantity: <u>50</u> Item Description/Remarks: Anti toppling type, steel, drop forged; Zinc finish, flathead finish, threaded end w/hole for locking device, round hole w/cotter pin locking device, round cross-section		FSN: 4030-167-5984 (B) P/N: AN 110-8 Fed. Code: _____
Requirement Origin 21S:80A-2-10 I-12-4043-(1)	Maintenance Function Used to raise elevator mechanism while installing elevator work cage A means to hoist support structure to the channel track from the floor of the equipment room	

61

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456

FSC: Sheet Metal Repair Kit

D2-6951:

T.O.:

Manufacturer:

Quantity: 1

Item Description/Remarks:

PSN: 5180-596-1549

P/N:

Fed. Code:

1. A/A list of supply components, Engineering Department of the Army Supply Manual 6900-010

Requirement Origin

Maintenance Function

12.0-4191-3.5

Capable of removing damaged insulation, cutting and fitting replacement sections, and reinstalling replacement sections.

319

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NO OTHER INFO

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628

FSC:

D2-6951: Sheet Metal Repair Tools & Equipment

T.O.:

Manufacturer:

Quantity:

Item Description/Remarks:

PSN:

P/N:

Fed. Code:

1. Refer to Section EII for recommended list of machinery and equipment for Mechanical Shop.

Requirement Origin

12-4059-56.9

Maintenance Function

A requirement exists to accomplish repairs on Secondary Structure



82E

FSC: Shim Set

D2-6951:

T.O.: Shim Stock

Manufacturer: Kearfoot Co., Inc., Little Falls, N. J.

Quantity: 15 SETS

Item Description/Remarks:

50 shims; shims qty 10, thk 0.002 in. FSN 5310-285-8714
 qty 10, thk 0.0039 in. FSN 5310-285-8715
 qty 10, thk 0.005 in. FSN 5310-285-8716
 qty 10, thk 0.007 in. FSN 5310-285-8717
 qty 10, thk 0.010 in. FSN 5310-285-8818
 dim., 0.250 in. nom. dia. of aperture
 0.370 in. nom od.

FSN: 5340-807-5165

P/N: C299-000-014

Fed. Code: 83318

Requirement Origin

12-1367-38.14
 21SM80A-2-11

Maintenance Function

A means to check shaft alignment
 Align d-c motor generator to a-c motor generator

82E

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62
PSC: Shot, Bag

D2-6951: Weight Test (Shot Bags 4,000 lbs. max)

T.O.: _____

Manufacturer: Western Cartridge Div., Olin-Mathison, East Alton, Ill.

Quantity: 64

Item Description/Remarks:

PSN:

P/N: C-113S

Fed. Code: 79495

1. Bulk Shot Bag, 25 lb/each, No. 6 size
2. 1600 lb.

Requirement Origin

Maintenance Function

12-4043-6.7

9.9

12-4415-3.3

A means must be provided to proof load?
Elevator & Work Cage. (1200# of wts in 25# increments)
(450# of wts in 25# increments)

Sling (1600 lb.)

096

FSC: Shovel, Hand

D2-6951: Shovel

T.O.:

Manufacturer:

Quantity: Exp.

Item Description/Remarks:

FSN:

P/N:

Fed. Code:



▷ Shovel, Long handle FSN: 5120-188-8450(BP)
Fed. Spec. GGG-S-326c, Size 2 (Round Pt.)
Shovel, Long Handle FSN: 5120-293-3330 (BP)
Fed. Spec. GGG-S-326c, Size 2 (Sq. Pt.)

Requirement Origin

2.0(25-18804)-2.4

12.0-PCS 0-7.4

12.0-1278-2.1

-2.1

12.0-1339-4.2

-7.4

-10.5

-20.7

12.0-1243-2.2

12.0-1294-2.1

12-1217-2.1

12-1331-2.2

21SM80A-2-10

-2-20

I-1423-(1)

I-25-18834-(1)

Maintenance Function

Remove environmental covers after closing launcher closure.
Remove 8 inches of soil to reach access valve protective cup.
Remove soil from area around splice case and pressure components

Remove selected backfill covering splice case

Remove selected backfill covering splice case and cable

Replace selected backfill over exposed cable and splicing assembly

Uncover buried pressure access valves

Replace selected backfill over exposed cable and splicing assembly

To aid in excavating cable

To gain access to switch, sensitive

Clean sliding door and retraction area

Remove sand, dirt, or snow from top of access hatch and security pit cover.

Clean snow from launch facility

Remove dirt from cable

Radiating Element, Assy of

096

21SM80A-2-10

21SM80A-2-10

21SM80A-2-10

21SM80A-2-10

NO D2-13961

21SM80A-2-10



133

FSC: Sinker, Concrete

DD-6951:

T.O.: Weight, 1500 lb.

Manufacturer:

Quantity: 1

Item Description/Remarks:

PSN: 2050-

P/N:

Fed. Code:

1. 1500 lb. concrete block with lifting eyebolt

Requirement Origin

36A9-8-40-1

Maintenance Function

Check hoist

CO
SIE

1960

~~REMOVED~~ VOL
SEC

NO D2-13961
NCS 280



7EE

FSC:

D2-6951: Detector, Leak, Air 

T.O.: Soap Solution

Manufacturer: Natvar Corp., Woodbridge, New Jersey

Quantity: Exp.

Item Description/Remarks:

FSN: -

P/N: AT 7308

Fed. Code: 96904

1. C - Pressure Test Solution

 Also: Soap solution

Requirement Origin

Maintenance Function

21SM80A-2-20

12-1211-16.1

-51.1

-61.14

-67.2

-78.1

12-1212-16.1

12-1278-2.1

-8.4

12-1226-4.2

12-1338-26.2

Test leaks on splice

Detect air leaks pneumatic control lines

Determine location of air leakage from splicing assembly and components

Splice case

Hardened cable

Load Coil Assembly

3/9

111111 A

BOARD

VOL

NO D2-13961

SEC

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OC

FSC:

D2-6951: Socket, Socket Wrench

T.O.:

Manufacturer: Kent-Moore Organization, Inc., Warren, Michigan

Quantity: To be determined by SAC/E.D./CLARA

Item Description/Remarks:

PSN:

P/N: 7757

Fed. Code: 33287

1. Wheel Bearing Nut Wrench Set for all Timken Rear Axles

Requirement Origin

12.0-4075-68.5

Maintenance Function

Torque rearwheel bearing adjustment nuts, Kent-Moore Inc.
4 in. 3/4 in. drive socket

LC

4-11-68

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PAGE 282



SEE

FSC: Sodium Bicarbonate, USP

D2-6951: Baking Soda

T.O.: Baking Soda

Manufacturer:

Quantity: Exp

Item Description/Remarks:

FVN: 8950-292-9611 (B)

P/N:

Fed. Code:

1. Fed. Spec. EE-B-86; one pound 60x

Std. Pack: 24 boxes

Requirement Origin

12-1288-3.3

21SM80A-2-11

Maintenance Function

A requirement exists to neutralize spilled electrolyte in the capsule below the emergency batteries
Neutralize spilled acid

3/6

~~SECRET~~

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SEC

NO D2-17961

PAGE 283



SEE

FSC: Sodium Chromate, Anhydrous
 D2-6951: Concentrate, Sodium Chromate
 T.O.: Sodium Chromate
 Manufacturer:
 Quantity: Exp.
 Item Description/Remarks:

PSN: 6810-240-2119(BP)
 P/M:
 Fed. Code:

Basis of issue: One pound bottle

1. Powdered form; 98.5% minimum assay as sodium chromate; particle size graduation, specific impurities limitation data: chloride-maximum 0.1%, moisture- 0.5%, Sulfates - 1.5%
2. Fed Spec Q-S-500
3. See following page

Requirement Origin

Maintenance Function

12-GCS "O" -3.3
 -11.9

Use to service coolant of Guidance and Control Section

21SM80A-2-6

Prepare 0.2% Coolant

319

10000 A

BOEING

VOL
 MC

NO D2-13961
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Concentrate, Sodium Chromate:

1. Technical data:
 - a. Aqueous solution, specific gravity 1.24 (24.2% sodium concentrate by weight)
 - b. Protect from freezing
 - c. Toxic material; wash hands after handling and before smoking or eating.
2. Consists of 40.06 oz. of sodium chromate, Anhydrous (FSN 6810-240-2119) mixed with 150 gallons of Deionized or Distilled water (see page 92) or equivalent ratio per Technical Data, paragraph 1.a above.

LEE

FSC: <u>Solder</u> D2-6951: _____ T.O.: <u>Solder</u> Manufacturer: _____ Quantity: <u>EXP.</u> Item Description/Remarks:		FSN: 3439-188-6933(BP) P/N: _____ Fed. Code: _____
1. Fed. Spec. QQ-C-571C 2. SN-40, Lead-Alloy, non-corrosive wire solder with rosin core, 1 lb. spool		
Requirement Origin 21SM80A-2-16 33D7-50-3-1	Maintenance Function Solder fill tube Solder conductor to pin	

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44460 A

388

FSC: _____
 D2-6951: Soldering Equipment
 T.O.: _____
 Manufacturer: _____
 Quantity: 30.22
 Item Description/Remarks:

FSN: _____
 P/N: _____
 Fed. Code: _____

Consists of Soldering Irons, Guns, heat dissipator which follow

Requirement Origin

Maintenance Function

12-4523-14.5
 -14.6
 -19.5
 -19.6
 -17.1
 -17.2
 -22.1
 -22.2
 -24.1
 -24.2
 -29.13

A requirement exists to unsolder and resolder wires to electrical components of the Board-Capacitor and Resistor Assembly of:

12-4539-15.1
 -15.2
 -15.11
 -16.12
 -18.1
 -18.2
 -24.1
 -24.2
 -28.1
 -28.2
 -30.1
 -30.2
 -30.14
 -31.15
 -33.8
 -33.9
 -34.11
 -34.12
 -36.1
 -36.2
 -36.4
 -36.5

A means of soldering and unsoldering Internal wires is required
 A means of soldering and unsoldering defective components from VRSATS

(Continued on next page)

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SWISS A

BOEING

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 SEC

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 PAGE 287



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FSC: _____
 D2-6951: Soldering Equipment
 T.O.: _____
 Manufacturer: _____
 Quantity: _____
 Item Description/Remarks:

FSN: _____
 P/N: _____
 Fed. Code: _____

Consists of Soldering Irons, Guns, Heat dissipater which follow

(Continued from previous page)

Requirement Origin	Maintenance Function
12-4539-37.14	A means of soldering and unsoldering defective components from VR3ATS
-37.15	
-39.1	
-39.2	
12-4633-7.4	A means of soldering and unsoldering components of: Test Set Power Supply
-9.10	
-9.11	
-24.6	
-25.7	
-25.13	
-26.14	
-28.1	
-28.2	
-29.4	
-29.5	
-46.4	
-46.5	
-46.7	
-47.13	
-48.14	
-50.1	Test Equipment Electronic Facility Base Mount
-50.2	
12-4643-5.11	
-6.13	
-6.14	
-9.1	
-9.2	
-9.4	
-10.8	
-11.8	
-11.11	Test Set Relay Assembly
-11.12	
12-4566-4.8	
-4.9	
-5.10	
-5.11	

(Continued on next page)



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07E

FSC: _____
 D2-6951: Soldering Equipment
 T.O.: _____
 Manufacturer: _____
 Quantity: _____
 Item Description/Remarks: _____

FSN:
 P/N:
 Fed. Code:

Consists of Soldering Irons, Guns, Heat dissipator which follow

(Continued from previous page)

Requirement Origin	Maintenance Function
12-4601-7.14	A means of soldering and unsoldering components of: Function Simulator
-8.15	
-10.1	
-10.2	
12-4632-6.4	Test Set, Power Supply
-8.10	
-8.11	
-32.4	
-32.5	
-32.6	
-32.7	
-37.10	
-37.11	
-39.1	
-39.2	
-46.6	
-47.7	
-47.13	
-48.14	
-50.1	
-50.2	
-51.4	
-51.5	
-55.4	
-55.5	
-55.6	
-55.7	
-56.13	
-57.14	
-59.1	
-59.2	
12-1423-9.1	A means of soldering and unsoldering components of: HF/UHF Radio System
-9.2	
12-1412-12.9	
-13.11	VRSA

(Continued on next page)

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FSC:		FSN:	
D2-6951:	Soldering Equipment	P/N:	
T.O.:		Fed. Code:	
Manufacturer:			
Quantity:			
Item Description/Remarks:			

Consists of Soldering Irons, Guns, Heat dissipater which follow

(Continued from previous page)

Requirement Origin	Maintenance Function
12-1412-13.12	A means of soldering and unsoldering components of:
-15.4	VRSA
12-4523-27.4	Socket Relay
-27.5	
-28.7	Diode
-28.8	
12-1201-75.9	Lamp Assembly
12-1243-70.12	Connector, Electrical Receptacle Audio
-70.13	
12-4043-12.6	Switch, Push Button GS3517
-12.7	
-12.9	Terminal Board Assembly GS4011
-13.10	
-17.10	Switch, Selector
-17.12	Filter
-17.13	
-17.15	
-18.16	
-20.2	Slug Coil
-43.7	Filter
-43.8	
-43.10	Transformer
-44.11	
-46.1	Terminal Board Assembly
-46.2	
-7.1	Connector, Receptacle, Electrical
-7.4	Coil, Hybrid Inductance
-8.7	Capacitor, 30VF, 50V
12-4018-7.2	Toggle Switch
-8.8	Lamp Assembly
-11.1	Diode (on Terminal Board)
-11.2	
-11.4	
-11.5	Diode (on Relay Socket)
-14.10	
-38.1	Socket Relay
	Diode - 2 ener.

(Continued on next page)

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FSC:	FSN:
D2-6951: Soldering Equipment	P/N:
T.O.:	Fed. Code:
Manufacturer:	
Quantity:	
Item Description/Remarks:	

Consists of Soldering Irons, Guns, Heat dissipator which follow

(Continued from previous page)

Requirement Origin	Maintenance Function
12-4018-38.2	A means of soldering and unsoldering components of:
-39.9	Diode - 2 ener.
-39.10	Diode (on Diode Card)
-41.1	Diode (across Relay Socket)
-41.22	
-44.11	Socket Relay
-46.1	Resistor
-46.2	
-47.4	Inductor Toroid
-47.5	
-48.7	Capacitor
-48.8	
-50.2	Insulated Wire
-51.2	
-203.6	Wire, 25-31604-4
-204.7	
-238.11	Transformer
-238.12	
-239.15	Relay
-241.2	Socket Relay
-244.1	Diode
-244.2	
-247.11	Insulated Wire
-307.13	
-307.14	
-310.1	Connector
12-1368-24.12	Squelch Module
-25.15	Attenuator Variable
-27.1	Resistor Variable
-30.1	Choke, 11-180 MH
-32.1	Indicator Assembly
12-1368-36.1	Wire 25-33627
-39.1	Resistor 487 ohms
-43.9	Relay
-57.9	Connector Coaxial
-57.10	

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EHE

FSC: _____
 D2-6951: Soldering Equipment
 T.O.: _____
 Manufacturer: _____
 Quantity: _____
 Item Description/Remarks: _____

PSN: _____
 P/N: _____
 Fed. Code: _____

Consists of Soldering Irons, Guns, Heat dissipater which follow

(Continued from previous page)

Requirement Origin	Maintenance Function
12-1368-59.1	A means of soldering and unsoldering components of;
-59.2	Filter Radio Frequency
-61.2	Cable Coaxial
-69.1	Switch, Rotary
-69.4	Indicator
-70.7	Switch Assembly
-70.10	Switch Toggle
-71.13	Filter
-71.15	
-71.14	
-71.16	
-73.1	Wire
-73.2	
-74.8	Switch, Toggle
-74.11	
-78.10	Connector - Coaxial
-82.1	Filter
-82.2	
-83.13	Cable Coaxial
12-1385-6.1	Filter
-6.2	
-6.7	Slug Coil
-7.8	
-7.13	Board Assembly, Terminal
-8.14	
-10.7	Socket, Relay
-11.8	
-11.10	Wiring
-12.11	
12.0-1278-7.4	Connect and/or disconnect wiring on following:
12.0-1226-3.2	Splice Cable
12.0-1207-16.7	Sensing; element, humidity
-16.8	
-19.7	Stop-Start Control
-19.8	
-25.4	Alarm, High-Low Pressure

(Continued on next page)

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FSC:	PSN:
D2-6951: Soldering Equipment	P/N:
T.O.:	Fed. Code:
Manufacturer:	
Quantity:	
Item Description/Remarks:	

Consists of Soldering Irons, Guns, Heat dissipator which follow

(Continued from previous page)

Requirement Origin	Maintenance Function
12.0-1207-26.10	Connect and/or disconnect wiring on following:
-26.11	Relay Assembly
-26.13	Transformer
-26.14	
12.0-1339-23.1	Load Coil Assembly
-25.2	
12.0-1451-5.1	Switch
-9.10	Resistor
-9.11	Resistor
-11.1	Buzzer
-11.2	Buzzer
-11.5	Relay
-12.13	Rectifier
-14.1	Bell
-14.2	Bell
12.0-1447-11.4	Humidity Alarm Relay
-11.5	Humidity Alarm Relay
-12.10	Defrost Heater
-12.11	Defrost Heater
-12.13	Safety Thermostat
-12.4	Safety Thermostat
-14.1	Thermal Relay
-14.2	Thermal Relay
-14.4	Start Stop Switch
-14.5	Start Stop Switch
-15.7	Fail Safe Cut-Out Switch
-15.8	Fail Safe Cut-Out Switch
15.10	Office Alarm Relay
-15.11	Office Alarm Relay
18.4	Humidity Sensing Element
-18.5	Humidity Sensing Element
12.0-4152-7.9	Indicator light
-8.10	Indicator Light
-11.7	Insulated Wire
-12.8	Insulated Wire

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FSC: _____	FSN: _____
D2-6951: <u>Soldering Equipment</u>	P/N: _____
T.O.: _____	Fed. Code: _____
Manufacturer: _____	
Quantity: _____	
Item Description/Remarks: _____	

Consists of Soldering Irons, Guns, Heat dissipator which follow

(Continued from previous page)

Requirement Origin	Maintenance Function
12.0-4152-25.1	Connect and/or disconnect wiring on following:
-25.2	Capacitor
-27.1	Capacitor
-27.2	Switch
-29.1	Switch
-29.2	Fuse Holder
-30.	Fuse Holder
-31.	Wire
-109.10	Wire
-109.12	Connector
-114.7	Connector
-114.8	Connector
-120.10	Connector
121.11	Connector
-129.10	Connector
-151.14	Connector
-151.15	Connector
12.0-4252-24.14	Switch
-24.15	Switch
-27.3	Wire
-28.4	Wire
-34.3	Switch
-34.4	Switch
-35.4	Switch
-55.6	Relay
-56.7	Relay
-56.13	Diode
-56.14	Diode
-58.1	Diode
-58.2	Diode
-58.3	Actuator
-58.4	Actuator
-62.15	Capacitor
-62.16	Capacitor
-90.11	Switch
-91.12	Switch

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94E

Q

FSC:		FSN:	
D2-6951:	Soldering Equipment	P/N:	
T.O.:		Fed. Code:	
Manufacturer:			
Quantity:			
Item Description/Remarks:			

Consists of Soldering Irons, Guns, Heat dissipator which follow

(Continued from previous page)

Requirement Origin	Maintenance Function
12.0-4252-91.15	Connect and/or disconnect wiring on following:
-91.16	Micro-Switch Assembly
-101.6	Micro-Switch Assembly
-103.12	Brush
-103.13	Motor
-104.15	Capacitor
-105.16	Capacitor
-127.7	Actuator
-128.8	Actuator
-128.9	Switch
-128.10	Switch
-131.2	Wire
-143.15	Inductor
-145.7	Resistor
-146.13	Transformer
-146.14	Transformer
-147.15	Transformer
-147.16	Transformer
-156.6	Transformer
-157.7	Transformer
-158.10	Diode
-158.11	Diode
-163.5	Wire
-163.6	Wire
-179.6	Relay
-182.13	Diode
-182.14	Diode
-185.2	Wire
-186.5	Switch
-186.6	Switch
-193.6	Micro-Switches
-213.10	Circuit Card, Assembly of
-214.11	Circuit Card, Assembly of
-214.14	Relay
-214.15	Relay
-216.1	Relay

(Continued on next page)

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BOEND

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LHE

FSC: _____
 D2-6951: Soldering Equipment
 T.O.: _____
 Manufacturer: _____
 Quantity: _____
 Item Description/Remarks: _____

PSN: _____
 P/N: _____
 Fed. Code: _____

Consists of Soldering Irons, Guns, Heat dissipater which follow

(Continued from previous page)

Requirement Origin	Maintenance Function
12.0-4252-216.2	Connect and/or disconnect wiring on following:
-216.3	Relay
-216.4	Diode
-216.9	Diode
-217.10	Switch
-217.11	Switch
-217.12	Switch
-221.6	Wire
-221.7	Actuator
-222.8	Actuator
-237.10	Switch
-238.12a	Switch
-238.13	Switch
-238.14	Switch
-238.15	Switch
-241.5	Actuator
-241.6	Actuator
-242.8	Wire
12.0-4319-14.1	Wire
-14.2	Wire
-15.4	Connector
12.0-4445-13.10	Switch, Advance
-18.1	Wire
-18.2	Wire
-19.5	Connector - Sequence
-20.7	Connector (J12)
12.0-4451-3.6	Inch Switch
-4.7	Inch Switch
-4.9	On Switch
-4.10	On Switch
-4.12	Direction Selector
-4.13	Direction Selector
-7.1	Speed Control, Variable Inductor
-7.2	Speed Control, Variable Inductor
-7.4	Wiring and Connector
-8.11	Toroidal Inductor
-9.12	Toroidal Inductor

(Continued on next page)

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FSC: _____
 D2-6951: Soldering Equipment
 T.O.: _____
 Manufacturer: _____
 Quantity: _____
 Item Description/Remarks: _____

P/N: _____
 Fed. Code: _____

Consist of Soldering Irons, Guns, Heat dissipater which follow

(Continued from previous page)

Requirement Origin	Maintenance Function
12.0-4451-9.14	Connect and/or disconnect wiring on following:
-9.15	Capacitor
12.0-4489-16.4	Capacitor
-16.5	Capacitor, Paper
-18.1	Capacitor, Paper
-18.2	Circuit Breaker
12.0-4490-7.7	Circuit Breaker
-7.8	Switch
-9.8	Switch
-10.7	Fuze Holder
-10.11	Fuze Holder
-10.12	Relay
-12.1	Relay
-12.2	Resistor
-13.11	Resistor
-13.12	Transformer
-15.1	Transformer
-15.2	Filter
-19.1	Filter
-20.2	Wire, Insulated
-22.4	Wire, Insulated
-22.5	Fuze Holder
-47.1	Fuze Holder
-47.2	Filter
-57.15	Filter
-58.16	Wire
-60.1	Wire
-60.2	Switch, Toggle
-70.1	Switch, Toggle
-70.2	Wire
-72.4	Wire
-72.6	Switch
-75.1	Switch
-75.2	Jack Tip
-76.9	Jack Tip
-76.10	Resistor
	Resistor

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BOEING

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FSC: _____
 D2-6951: Soldering Equipment
 T.O.: _____
 Manufacturer: _____
 Quantity: _____
 Item Description/Remarks: _____

PSN: _____
 P/N: _____
 Fed. Code: _____

Consists of Soldering Irons, Guns, Heat dissipater which follow

(Continued from previous page)

Requirement Origin	Maintenance Function
12.0-4491-15.4.	Connect and/or disconnect wiring on following:
-15.5	Diode
-25.1	Diode
-25.2	Switching Unit, Push-Button
-32.13	Switching Unit, Push-Button
-32.14	Relay - 2DPT
-34.1	Relay - 2DPT
-34.2	Filter, RFI
-36.1	Filter, RFI
-36.2	Holder, Fuze
-37.4	Holder, Fuze
-37.5	Wire
-45.1	Wire
-45.2	Switch
-46.15	Switch
-46.16	Jack
-50.15	Jack
-50.16	Wire
-52.10	Wire
-52.11	Jack
-53.13	Jack
-53.14	Cable Bundle and Connector
12.0-3013-32.1	Cable Bundle and Connector
12.0-3013-32.2	Indicator Light, BAC T18AC3B
-33.4	Indicator Light, BAC T18AC3B
-33.5	Indicator Light, BAC T18AC1B
-34.11	Indicator Light, BAC T18AC1B
-34.12	Diode - Zener, BAC D 4M1
-37.1	Diode - Zener, BAC D 4M1
-38.2	Wire - Insulated, 25-31655-2
12.0-3035-6.1	Wire - Insulated, 25-31655-2
-6.2	Resistor, 2.3K
-6.14	Resistor, 2.3K
6.15	Diode, zener
-8.1	Diode, zener
-8.2	Meter
	Meter

(Continued on next page)

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RECORD

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FSC: _____
 D2-6951: Soldering Equipment
 T.O.: _____
 Manufacturer: _____
 Quantity: _____
 Item Description/Remarks:

FSN: _____
 P/N: _____
 Fed. Code: _____

Consists of Soldering Irons, Guns, Heat dissipator which follow

(Continued from previous page)

Requirement Origin	Maintenance Function
12.0-3035-8.8	Connect and/or disconnect wiring on following:
-9.9	Light Assembly
-11.1	Light Assembly
-11.2	Light Assembly, Dual Lamp, Splash Proof
-13.1	Light Assembly, Dual Lamp, Splash Proof
-13.2	Switch, Toggle
-13.4	Switch, Toggle
-13.5	Switch, Push-Button
-14.6	Switch, Push-Button
-14.7	Resistor, Variable
-14.8	Resistor, Variable
-15.9	Decade Resistor
-15.11	Decade Resistor
-15.12	Receptacle, Jam Nut
-17.1	Receptacle, Jam Nut
-17.2	Post, Binding
12.0-3092-58.8	Post, Binding
-58.9	Capacitor
-58.11	Capacitor
-59.12	Light, Indicator
-59.14	Light, Indicator
-59.15	Switch, Selector
-65.1	Switch, Selector
-65.3	Indicator Assembly
-70.1	Indicator Assembly
-70.3	Indicator - Switch Assembly
-71.9	Indicator - Switch Assembly
12.0-3092-98.4	Switch
-81.5	Power Diode
-83.4	Power Diode
-84.5	Relay Socket
-84.7	Relay Socket
-84.8	Diode (Typ.)
12.0-3109-7.5	Diode
-7.6	Motor
-11.1	Motor
-11.2	Switch

(Continued on next page)



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15E

FSC: _____
 D2-6951: Soldering Equipment
 T.O.: _____
 Manufacturer: _____
 Quantity: _____
 Item Description/Remarks: _____

FSN: _____
 P/N: _____
 Fed. Code: _____

Consists of Soldering Irons, Guns, Heat dissipater which follow

(Continued from previous page)

Requirement Origin	Maintenance Function
12.0-3109-13.13	Connect and/or disconnect wiring on following:
-13.14	Wire
-65.1	Wire
-65.2	Circuit Breaker
-66.10	Circuit Breaker
-66.11	Transformer
-67.13	Transformer
-67.14	Transformer
-69.1	Transformer
-69.2	Diode
-69.4	Diode
-70.5	Transistor Pair
-70.7	Transistor
-70.8	Switch
12.0-3113-3.7	Switch
-4.8	Relay
-4.10	Relay
-8.1	Wire Bundle
-8.2	Diode
12.0-4012-15.1	Diode
-15.2	Capacitor, Tantalum
-17.2	Capacitor, Tantalum
-17.1	Switch, Rotary
-19.1	Switch, Rotary
-19.2	Filter, Low Pass
12.0-4105-20.13	Filter, Low Pass
-23.1	Power Input Cable Connector
-30.5	Electrical Power Control Cable Assemblies
-30.6	Chassis - Left
-30.6	Chassis - Left
-31.7	Chassis - Right
-31.8	Chassis - Right
-33.13	Chassis - Right
-34.15	Power Input Cable Connector
-34.16	Cable Connector DC Power and Control
-36.1	Cable Connector DC Power and Control
	Cable Connector, Pendant Control

(Continued on next page)

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411510 A

BOEING

VOL

NO D2-13961

sec

PAGE 300



FSC:

D2-6951: Soldering Equipment

T.O.:

Manufacturer:

Quantity:

Item Description/Remarks:

FSN:

P/N:

Fed. Code:

Consists of Soldering Irons, Guns, Heat dissipater which follow

(Continued from previous page)

Requirement Origin

Maintenance Function

12.0-4105-36.2

-38.5

-38.6

-46.3

12.0-4115-30.5

-35.1

-35.2

-37.1

-37.2

-38.6

-38.7

12.0-4150-27.1

-27.2

-30.1

-30.2

-35.14

-35.15

-37.4

-37.5

-50.3

-59.5

-59.6

-63.8

-63.9

Connect and/or disconnect wiring on following:

Cable Connector, Pendant Control

Time Delay Relay

Time Delay Relay

Silicon Diode Assembly

Wire

Light Assembly

Light Assembly

Resistor and Capacitor Assembly

Resistor and Capacitor Assembly

Resistor

Resistor

Light Assembly

Light Assembly

Fuse Holder

Fuse Holder

Light Assembly

Light Assembly

Fuse Holder

Fuse Holder

Plug

Fuse Holder

Fuse Holder

Resistor

Resistor

Remove and replacement by unsoldering and soldering electrical connections of:

Voltage - Audio Meter

12-4539-11.7

-12.8

12-1243-58.1

-58.2

-58.4

-58.5

-61.1

-61.2

-63.1

-63.2

Speaker, Blast Proof

Transformer, Microphone

Res. Fixed Comp. 15,000 ohms

Amplifier, Power Monitor

(Continued on next page)

11110

A

BOEING

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556

FSC:	_____	FSN:	_____
D2-6951:	Soldering Equipment	P/N:	_____
T.O.:	Soldering Iron	Fed. Code:	_____
Manufacturer:	_____		
Quantity:	_____		
Item Description/Remarks:			

Consists of Soldering Irons, Guns, Heat dissipator which follow

(Continued from previous page)

Requirement Origin	Maintenance Function
	Remove and replacement by unsoldering and soldering electrical connections of:
12-1243-65.9	Relay Armature
-65.10	
-67.1	Switch, Illuminated Push-Button
-67.2	
33D7-50-3-1	Connector and pin
	A means to solder during repair of:
35A4-2-31-1	Filter
21SM80A-2-16	Fill tube
I-1320-(5)	Transformer
	Switch Rotary
	Resistor, Variable Comp.
	Capacitor, Fixed Electrolytic
I-4382-(3)	Connector, Plug, Electrical
	Jack, Telephone
	Cord Extension, Telephone
I-1304-(2)	Resistor, Fixed NW 400 Ohms
	Connector, Receptacle, Electrical
I-1306-(1)	Ringer, Telephone
I-1363-(3)	Connector, Receptacle, Electrical
	Resistor Line 4
	Resistor Line 1
I-1361-(3)	Connector, Receptacle, Electrical
	Coil Hybrid Inductance
	Capacitor
I-1303-(7)	Relay, Armature, Dpst
	Resistor Fixed, 130 Ohms

63

WMSD - C

ASE

FSC: _____
 DE-6951: Soldering Equipment
 T.O.: Soldering Iron
 Manufacturer: _____
 Quantity: _____
 Item Description/Remarks: _____

FEM: _____
 P/M: _____
 Fed. Code: _____

Consists of Soldering Irons, Guns, Heat dissipator which follow

(Cont'd from Pg. 302)

Requirement Origin	Maintenance Function
I-1303-(7)	Signal, Oscillator Wire Capacitor Tubular Electrolytic Capacitor Tubular Fixed Electrolytic Capacitor Tubular Fixed, Paper Dielectric 0.47 Mfd.
I-1207-(1)	Capacitor, Air Compressor Motor
I-1281-(4)	Switch Buzzer Relay Rectifier
I-1302-(12)	Signal Detector Filter, Low Pass Resistor Fixed Comp. 13052 Relay, Armature, Dpst Signal Oscillator Amplifier Power Semiconductor Device, Diode Transformer Transistor Semiconductor Rectifier Semiconductor (Stud) Capacitor Electrolytic Transformer & Choke Assy.
I-1343-(2)	Resist or fixed comp. 27052 Ringer Telephone
I-1339-(1)	Solder Conductors
21 SMOA-2-20	Solder wires and cable together

CCP 901

AVIATION C

DOEING VOL. NO 52-13961
 SEC max 302.1 →

558
OCJ

Soldering Equipment
Soldering Irons, Electric:

FSN: 3539-255-9335

0.25" dia. straight tip 0.375 and 0.625" dia.
wedge tips, threaded type fastening, 0.75 lb., with thermostatic control,
operating power 115V, 5 watts, Spec. Fed. WS-00570, Revision 1, Type II
cord assy 1.

FSN: 3439-240-5639

0.125" dia., pyramid shape tip, threaded type fastening, 5.5 oz. operating
power 110V, 22.5W.

FSN: 3439-819-5450 P/N: 8444340-501

Radio Corp. of America, Camden, New Jersey

0.25" dia. tapered tip

0.25" dia. chisel tip

0.125" dia. bent pencil tip, thread type fastening

0.25 lb. with thermostatic control, operating power 110V

27.5 watts and 37.5 watts

FSN: 3439-222-1623 P/N: P30

Hexacon Electric Co. Roselle Park, New Jersey

0.25" dia. set screw type fastening, operating power 110V, 40 watts

FSN: 3439-241-3221

0.25" minimum to 0.44" maximum dia., threaded type fastening, 0.75 lb.,
operating power 115V, 85 watts. Spec. Fed. W-J-681a, Type No. 1

FSN: 3439-277-6577

0.437" dia. A/A shape tip, threaded type fastening, with thermostatic
control, operating power 110V, 236 watts max.

Soldering Guns:

FSN: 3439-801-1956 P/N: D550

Weller Electric Corp., Easton, Pa.

200/275 watts

FSN: 3439-554-1829

0.125 in. wide chisel pt., threaded type fastening, operating power 110V
10.5" long, 6.0" wide, 2.0" high, with pistol grip handle

Heat Dissipator:

FSN: 3439-737-0019

Avtron Mfg. Inc., Cleveland, Ohio

1.44" long, 0.26" wide, 0.68" high, grips wire lead of electrical components
during soldering operation

Soldering Torchkit:

FSN: 3439-542-0531 (BP)

Brass burner, flame regulating knob, metal case, disposable fuel cylinder,
flame spreader, light and medium flame tips, soldering iron tip, lighter
and instructions.

95E

FSC: _____
 D2-6951: _____
 T.O.: Solderless Wrap
 Manufacturer: Gardner-Denver Corp., Denver, Colorado
 Quantity: 5 sets
 Item Description/Remarks:

PEN: _____
 P/N: 1
 Fed. Code: 90120

1 Consists of following:

- 8447709-3 Gun
- 8447709-4 Gun
- 8983116-5 Bit
- 8983114-4 Sleeve

Requirement Origin

Maintenance Function

33D7-50-3-1

Make solderless wrap connections

334

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65E

FSC: _____
D2-6951: _____
T.O.: Solderless Wrap, Unwrapping Tool
Manufacturer: Gardner- Denver Company, Denver, Colo.
Quantity: 3
Item Description/Remarks:

FSN: -
P/N: 21284-L
Fed. Code: 90120

Requirement Origin

33D7-50-3-1

Maintenance Function

Unwraps solderless connections on No. 22 AWG wire

340

WMSD A

BOEING

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35E

FSC: _____
 D2-6951: _____
 T.O.: Spanner Wrenches
 Manufacturer: Channel Splicing Mach. Co., Glendora, California
 Quantity: 6 ea.
 Item Description/Remarks:

PEN: _____
 P/N: 1
 Fed. Code: 14967

1 Consists of:
 P.S. 175
 P.S. 350
 P.S. 600
 V. C. 175

Requirement Origin	Maintenance Function
21SM80A-2-20	Tighten inner sleeve and caps

35E

149670 A

558

FSC: Spark Plug SocketD2-6951: Socket, Socket WrenchT.O.: Spark Plug WrenchManufacturer: Snap-On Tools Corp., Kenosha, Wisc.Quantity: 1

Item Description/Remarks:

FSN:

P/N: 8-9704BFed. Code: 55719

Requirement Origin

12.0 - 4075-69.15

35D3-11-25-1

Maintenance Function

13/16 in. deep socket with 3/8 in drive, 3/4 in hex milled
step thin wall, step to limit depth, rubber insert to
protect spark plug from porcelain breakage required to
torque spark plugs.

Remove and replace spark plugs.

342

44560 A

BOEING | VOL
| SEC

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09E

01

FSC: _____
 D2-6951: Special Tool 
 T.O.: _____
 Manufacturer: Abdall Industry and Mfg. Co., Allen Park, Mich.
 Quantity: 20
 Item Description/Remarks:

FSN: None
 P/N: 50456
 Fed. Code: 11000

 Also: T-Wrench

Requirement Origin

Maintenance Function

3.0(25-22294)-3.15.5
 -3.13.2

Connect G&C section to 3d stage electrically

21-SM80A-2-8
 21-SM80A-2-17-1

343

141560 A

BOEING

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198

FSC:

D2-6951: Spray Lubricant

T.O.:

Manufacturer: Stewart Warner Corp. Chicago, Ill.

Quantity: 4

Item Description/Remarks:

1. Alemite Spring Spray with Spray Nozzle
2. One quart capacity

▷ P/N: 6121 with Spray Nozzle

FSC:

P/N:

Fed. Code: 50733

Requirement Origin

12-4059-(1)

Maintenance Function

A means of spraying Molycoat on level wind of T.E.

REVISED

C

REVISION

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MOS 308.1



29E

PSC: Stand, Work, Aero

D2-6951:

T.O.:

Manufacturer:

Quantity: 2

Item Description/Remarks:

PSN: 1730-294-8884

P/N:

Fed. Code:

Requirement Origin

12-4059-13.10

12-4059-13.10

-14.11

-23.12

-24.13

-35.3

-37.4

-58.1

-59.2

Maintenance Function

A requirement exists for a means of access to:

Hoist during installation or removal

Dynamic Brake

Hoist

Hoist Cover

29E

REVISED 1
12-4059-13.10

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595

FSC: Steel Bar, Alloy, Hot Rolled

D2-6951: roller, material handling

T.O.: Steel Rollers

Manufacturer: _____

Quantity: 6

Item Description/Remarks:

PSN: 9510-246-7942

P/N:

Fed. Code:

1. Mil. Spec. MIL-S-6050 condition C2
2. 3 in. dia., 8 to 12 ft. long; cut to length required

Requirement Origin

12-1323-56.7

D2-13608-2, Vol. I

Maintenance Function

Means of removing and installing generator set in LCSB equipment room.

Move diesel engine generator in LCP

345

WMSD A

BEING

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SEC

PAGE 3/0



h9E

FSC: Steel Bar, Alloy, Hot Rolled

FSN: 9510-819-7295

D2-6951:

P/N:

T.O.: Steel Bar

Fed. Code:

Manufacturer:

Quantity: 6

Item Description/Remarks:

1. Mil. Spec. MIL-S-6750

2. Size: 1-1/8" dia., x 12 ft. long; cut to approximately three foot lengths.

Requirement Origin

215N80A-2-20

Maintenance Function

"Deadman" for lever hoist during disassembly of Gable Splice

2/16

10110

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DOING

VOL

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59E
PSC: Stepladder

D2-6951:

T.O.:

Manufacturer:

Quantity: 50

Item Description/Remarks:

PSN: 5440-514-4487

P/N:

Fed. Code:

1. Fed. Spec. RR-8-00720, 8 foot aluminum.

Requirement Origin	Maintenance Function
12-1423-2.2	A means of gaining access to:
-4.6	Cable, HF/UHF Radio System
-5.7	Lighting Arrester
-9.7	
12-1424-12.7	Cable Assy RG214
-16.10	Cable Assy 1 5/8" foamflex
12-1425-27.7	
12-1425-33.1	Cable Assy 1/2" foamflex
-34.11	Surge Arrestor, Control
-35.12	Cable Assy RG 214/V
12-1337-5.1	
11-6CS"0"-2.1	Distribution Box
-5.3	Coaxial connectors
-5.4	GCS, Guidance section
-9.7	Coolant tank
-11.9	Coolant tank
11-1201-4.1	Coolant tank
11-1202-3.1	Interface connectors
-3.2	Retract mechanism, G&C umbilical
-10.12	
-12.13	Actuator, Rotary
-16.1	
-17.2	Cartridge, Rotary Actuator
-18.9	
11-1246-3.5	Thermal protector Assy
-4.6	Cable trays
-4.7	
-37.2	
11-1248-10.1	
-10.2	Cable trays
-11.3	
11-1280-3.3	
-3.4	Portions of launcher closure system
-5.1	
-8.2	

(Cont'd on following page)

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REVISION

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978
FSC: Stepladder

D2-6951:

T.O.:

Manufacturer:

Quantity:

Item Description/Remarks:

PSN: 5440-514-4437 (EP)

P/N:

Fed. Code:

1. Fed. Spec. RR-S-00720, 8 foot aluminum.

Requirement Origin

Maintenance Function

11-1211-2.1

-3.2

-5.6

-9.1

-13.5

-23.9

-48.4

-63.2

A means of gaining access to elevated areas in Launcher Environmental Control System.

11-1212-2.1

-3.2

-9.1

-5.6

-13.5

-21.9

-34.1

-61.2

-80.1

-80.2

-82.7

-82.8

-87.2

-87.4

-88.5

-109.2

-128.1

-128.2

-132.6

-170.2

-171.4

A means of gaining access to elevated areas of the Environmental Control System, LCC-Sub. C, LCC-SRCC, LCC-SRCC/ACP

11-1230-7.6

A means of gaining access to elevated areas : in LCC Fuel System

11-1241-2.2

-3.3

in Shock Attenuation System, LCC

11-1323-2.1

-3.8

-6.5

-8.7

in Electrical System, LCC

L9E

FSC: Stepladder

D2-6951:

T.O.:

Manufacturer:

Quantity:

Item Description/Remarks:

FSN: 5440-514-4437 (E)

P/N:

Fed. Code:

1. Fed. Spec. RR-S-00720, 8 foot aluminum

Requirement Origin

Maintenance Function

11-1324-111.2

11-1325-12.2

-35.7

-36.8

-36.9

-36.10

-39.1

-40.3

-40.4

-41.5

11-1327-2.1

-2.2

-3.3

-11.2

-11.3

-12.4

11-1328-2.1

-3.2

-4.4

-4.5

-8.3

12-1329-2.1

-3.2

-6.5

-7.7

12-1330-4.3

12-1389-2.1

-2.2

-4.3

-7.5

-13.6

12-1390-2.1

-2.2

-3.3

-6.5

-6.6

-10.1

A means of gaining access to elevated areas:

in Water Supply System, LCC

in Heating System, LCCSB

in Security System, LCC

Alarm System, Fire LCC

A means to gain access to overhead areas in:

Electrical System, Launcher

Shock Attenuation System, Launcher (Equip. Room)

Heating and Ventilating System, LSB

Ventilation System, LCC

L9E

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BOEING

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37E

FSC: Stepladder	PSN: 5440-514-4487
D2-6951: Stepladder	P/N:
T.O.: Stepladder	Fed. Code:
Manufacturer:	
Quantity:	
Item Description/Remarks:	

1. Fed Spec RR-S-60720, 8 foot aluminum.

(Cont'd from preceding page)

Requirement Origin	Maintenance Function
-9.3	
-13.1	
-15.2	
-25.3	Sleeve for replacement and inspection
-26.4	
-26.5	
-27.7	Pin for replacement and inspection
-27.8	
-28.9	
11-1368-5.13	Cabinet top
-7.14	
-13.8	
-17.7	
-19.8	
-48.1	
-49.2	
-41.1	Relay Assy
11-1370-2.4	Lamp Incandescent, 28V
-2.5	
-2.6	
-2.7	Lamp reflector type
11-1375-2.2	Damper-Flue, electronic cooling
-3.6	
3.0(25-18837)-3.3	Install launcher tube elevator cage support on launch tube access door
5.0(25-18837)-5.2	Reinstall elevator, work cage, and supports after missile emplacement
6.0(25-18837)-6.5	Remove hoist and secure launch tube doors
6.0(25-18837)-6.5	
1.0(25-22294)	Inspect visually and via finger touch the ablative material on the R/V nose section
sheet 1-1.3.4	Reactivate elevator and work cage
2.0(II SK-22294)	
Sheet 2-2.1.5.2	
4.0(25-22294)-4.16	Remove and stow elevator work cage into support assembly
-4.20.1	Reinstall elevator and work cage from equipment room
21SM90A-2-11	Used in lamp replacement (Cont'd on following page)

350

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RECORD

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69E

C

FSC: Stepladder

D2-6951: Stepladder

T.O.: Stepladder

Manufacturer:

Quantity:

Item Description/Remarks:

FSN: 5440-514-4437

P/N:

Fed. Code:

1. Fed. Spec. RR-8-00720, 8 foot aluminum

(Cont'd from preceding page)

Requirement Origin

Maintenance Function

21-SM80A-2-8

21-SM80A-2-10

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BOEING

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068

FSC: Stepladder

D2-6951:

T.O.:

Manufacturer:

Quantity: 6

Item Description/Remarks:

PSN: 6540-720-0504

P/N:

Fed. Code:

1. Wood, heavy duty, 12 feet.

Requirement Origin

Maintenance Function

12-1293-6.1

-6.2

-7.4

-7.5

-7.7

-8.8

-8.10

-8.11

12-4059-93.1

-94.2

A means of gaining access to:

Antenna mast lighting fixtures

Antenna mast lightning rod

Antenna mast fuse

T-E Actuator



16E

FSC: Stepladder

D2-6951:

T.O.:

Manufacturer:

Quantity: 30

Item Description/Remarks:

FSN: 5440-514-4485(RP)

P/N:

Fed. Code:

1. Aluminum alloy stepladder, 6 foot; Fed. Spec. RR-S-00720

Requirement Origin

Maintenance Function

12-1211-37.1
 -38.3
 -66.1
 -67.2
 -69.4
 -70.8
 -76.13
 -119.1
 -123.7
 -124.8
 -139.2
 -139.1
 -143.1
 -143.2
 -145.7
 -145.8
 -145.9

A means of gaining access to elevated areas:
 in Launcher Environmental Control System

12-1212-25.3
 -66.1
 -66.2
 -69.4
 -72.8
 -109.1
 -111.3
 -129.3

of Environmental Control System, LCC-Sub C, LCC_SRCC,
 LCC-SRCC/ACP

12-1325-2.1
 -3.3
 -4.3
 -4.4
 -8.6
 -33.1
 -33.2
 -34.4

in Heating System, LCCSB

12-1330-2.1
 -3.2
 -7.1
 -7.2

in Shock Attenuation System, Launcher (Equipment Room)



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2LE

FSC: Stepladder

D2-6951: Stepladder

T.O.:

Manufacturer:

Quantity:

Item Description/Remarks:

FSN: 5440-514-4485(NP)

P/N:

Fed. Code:

1. Aluminum alloy stepladder, 6 foot; Fed. Spec. RR-8-00720

Requirement Origin	Maintenance Function
12-1330-11.5 12-1389-18.1 -29.2 -20.3 -21.4 12-1405-8.6	A means of gaining access to elevated areas: in Shock Attenuation System, Launcher (Equipment Room) in Heating and Ventilating System, LSB in Fuel System Launcher
D2-13608-2, Vol. I	Gain access to LCF and LF
21-SM80A-2-4 -5	Support work platform (use two simultaneously) Remove cables from connectors on racks
I-1320-(1) I-1251-(2)	Access Interface Connectors Digital Data Group OA 350,3/GYK-2 Power Signal Dist. Unit MX 3774
I-1265-(2)	Digital Data Group OA 3541 Power Signal Dist. Unit MX 3703
I-1302-(1)	Cabinet, Electrical Equipment CY 3990/GTC-8
I-1213-(2)	Command Status Message Processing Group OA-3850/GYK-1(V) Power Signal Distribution Unit MX 3735
I-1228-(3)	Status Command Message Processing GR. OA 3594 Case Assy Decoder Command Signals Power Sig. Dist. Unit MX 3777
I-HVC "O"-(1)	Hardened Voice Channel "O"

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SWISS 6

BOEING

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FSC: Stepladder

D2-6951:

T.O.:

Manufacturer:

Quantity: 5

Item Description/Remarks:

PSN: 5440-171-9336(BP)

P/N:

Fed. Code:

1. Light Duty, 3 ft. wood

Requirement Origin

21SM30A-2-6

Maintenance Function

Support personnel handling coolant

355

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BOEING

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ALE

FSC: Stenladder

D2-6951:

T.O.: Stenladder

Manufacturer:

Quantity: 2

Item Description/Remarks:

1. Fed. Spec. RR-S-00720

2. Heavy Duty, Wood, 8 ft.

FEN: 5440-720-0503(BP

P/N:

Fed. Code:

Requirement Origin

D2-13608-2, Vol. IV
12-1339 (2)

Maintenance Function

Means of gaining access to overhead fire detecting elements.
Means of gaining access to ESA terminals.

mwsl E

BEING | VOL.
| sec

NO D2-13961
| max 320.1



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562

FSC: Stopwatch

D2-6951:

T.O.: Stopwatch

Manufacturer:

Quantity: 15

Item Description/Remarks:

1. Fed Spec GG-W-111
Type B Class 15
2. 1/5 to 60 seconds, 30 minute recorded range, 15 jewels

FSN: 6645-240-7162

F/N:

Fed. Code:

Requirement Origin

Maintenance Function

12.0-4115-5.6

Check time rate of change of cooling
15 minute duration required.

A means to check out pumping time

12-1210-7.7

12-1211-6.6

-24.11

-54.4

-58.6

-59.10

-85.14

12-1212-5.6

-22.9

-52.4

-56.6

-57.10

-64.6

-93.11

-95.15

-155.6

-156.9

-157.9

Provide means for timing equipment starting sequence
intervals

12-1324-3.4

-5.4

-20.7

-26.7

-27.7

-35.8

-36.8

-71.3

Provide means for timing and adjusting operating sequence
of equipment in Water Supply System LCF

3309-6-21-1

Check time on time delay relay

350



9LE

FSC: Straightedge

D2-6951:

T.O.: Straightedge

Manufacturer:

Quantity: 2

Item Description/Remarks:

PM: 6675-531-4928

P/M:

Fed. Code:

1. Mil. Spec. MIL-S-15769a

2. Straight on both edges, one level edge and one square edge; machinists type, 72 in. long x 3-1/8 in. wide x 9/32 in. thick; steel

Requirement Origin

218M60A-2-2

Maintenance Function

Align rollers for missile handling

357

4-11-60 A

~~SECRET~~

VOL

NO D2-17961

SEC

MSG 322



LLÉ

FSC: Strap, Safety, Industrial

D2-691: Strap, Safety, Industrial

T.O.: Strap, Safety, Industrial

Manufacturer:

Quantity: 70

Item Description/Remarks:

FSN: 4240-203-3825

P/N:

Fed. Code:

1. Used in conjunction with belt, safety, industrial as an auxiliary restraint device.

2. Leather, size 70" x 2", double tongue buckle; 1500 pound tensile load; Fed. Spec. KK-B-151d

Requirement Origin

3.0(25-18837)-3.4

5.0(25-18837)-5.2

1.0(25-22294)-

-1.4.2.1

-1.4.3.1.1

-1.5

3.0(25-22294)-3.8.2

4.0(25-22294)-4.16

-4.20.1

-4.20.3

-4.29

12-GCS"0"-10.8

11-1217- 2.2

-14.2

12-1327-2.1

-2.2

-3.3

-19.1

-19.2

21-SM80A-2-8

D2-13608, Vol. IV

25-18834-(1)

Maintenance Function

Used to protect personnel during following operations:

Assemble elevator, work cage, and safety harness.

Reinstall elevator, work cage and supports after missile emplacement

Disconnect guidance and control section umbilical

Disconnect G&C and skirt umbilicals

Disconnect G&C umbilical

Remove and stow elevator work cage into support assembly

Re-install elevator and work cage from equipment room

Remove elevator and work cage from launch tube and stow in equipment room

Remove adapter stabilizing ring

Safety belt for personnel disconnecting hoses

Safety protection for personnel about Launch Tube

Protect personnel working on pole or building mounted floodlights

Close Launcher Closure

R

FORM 6

RECORD

VOL

SEC

NO D2-13961

MSG 323



378

FSC: Stretching & Sealing Machine, Steel Strapping Hand

FSN: Class 3540

D2-6951:

P/N:

T.O.: Metal Strapping Equipment

Fed. Code:

Manufacturer:

Quantity: 1

Item Description/Remarks:

Requirement Origin

Maintenance Function

33D9-133-3-1

Wrap Test Set components for shipment

359

FORM A

BOEING

VOL

NO D2-13961

SEC

PAGE 324



6LE

PSC, Stripper, Wire, Hand

D2-6951: Hand wire stripper

T.O.:

Manufacturer:

Quantity: 12

Item Description/Remarks:

PSN: 5110-268-4224(BP)

P/N:

Fed. Code:

1. Fed. Spec. GGG-S-665, Type II, Class II

2. 8 to 22 AWG Range.

▶ Also: Wire Stripper, Wire Stripper and crimping tool

Requirement Origin

12-1278-7.4

12-1226-3.2

12-1339-25.2

12-4115-50.2

12-4031-4.11

Maintenance Function

Prepare cable for splicing

Form and strap cable

Prepare cable for splicing

Prepare cable, Air conditioner

Repair wires in mechanical maintenance truck

CCP 901

REVISED

6

03 0000 2000

BEING

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NO D2-13961

PAGE 325



08E

FSC: Survival Kit. LCC

D2-6951:

T.O.:

Manufacturer:

Quantity: 15

Item Description/Remarks:

1 See following page

2 1 per LCC

3 Reference: BSD TWX BSQOP 28-8-30 dated 8-28-61, BSD (BSQOP) to Boeing and SAC.

1. Shock Mounting not required

2. Clocks, Electric Razors, Coffee Maker, Radios, etc. must be RFI clean.

Reference: BSD Message BSQO 6-6-220 dated 6-6-61, BSD(BSQO) to SAC (DORQ)

PSN:

P/M:

Fed. Code:

Requirement Origin

Maintenance Function

3

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14440 A

BOEING VOL
SEC

NO D2-13961
PAGE 326



28E

FSC: Swaging ToolD2-6951: Swaging Tool, Cable Terminals

T.O.: _____

Manufacturer: _____

Quantity: 2

Item Description/Remarks:

PSN: 5120-224-9126

P/N: _____

Fed. Code: _____

1. Bench Type, handles cable size 3/10 inch to 2-1/2 inch.

Requirement Origin

12-4069-2.5
-3:8

Maintenance Function

Swage terminals to cable



333

FSC: Switch, Toggle		FEN: 5930-606-0370	
D2-6951: Switch		P/N: 883624	
T.O.:		Fed. Code: 1005	
Manufacturer:			
Quantity: 2			
Item Description/Remarks:			
1. Switch Toggle, positive break, single pole			

Requirement Origin	Maintenance Function
12-4252(1)	Use to test verifier unit. Must interrupt 3 amps at 28V DC.

70

REVISED C

BEING VOL
SEC
NO 82-13961
MAY 3 2 1

h3E

PSC: Table, Work

D2-6951: Work Bench

T.O.:

Manufacturer:

Quantity: 29

Item Description/Remarks:

PSN: 7195-205-5924

P/N:

Fed. Code:

Basis of issue:

SMSB Location

Table Work

Mechanical Shop	1	
Refrigeration Shops	1	
Electrical Shop	4	
Vehicle Maint. Fac	2	
Communications Maint. Fac	2	
Electronic Maint. Fac.	3	
Encoder-Decoder Fac.	2	
Test Equip. Repair Fac	14	Totals 29

Requirement Origin

Maintenance Function

12-4523-9.1

-14.5

-14.6

-19.5

-19.6

-17.1

-17.2

-22.1

-22.2

-24.1

-24.2

-28.7

-28.8

-28.9

-34.1

-34.2

-34.8

-34.9

-35.11

12-4601-3.2

-10.4

-11.5

12-4043-2.2

12-1243-52.3

-58.1

-58.2

-58.4

-58.5

12-1243-61.1

-61.2

-63.1

-63.2

-64.5

-64.6

A requirement exists for a work surface to support tools and equipment during removal and installation of components of:

Printed Circuit Card

Board- Capacitor & resistor assembly of

Diode

Circuit Breaker

Transformer

Blower Assembly

Breakout Box

Adapter Cable Assembly

Test Set, Air Conditioner Controller

Control, Telephone-Transmitter

Speaker, Blast Proof

Transformer, Microphone

Res. Fixed Comp. 15000 ohms

Amplifier, Power Monitor

Amplifier, Telephone Repeater

(Cont'd on following page)

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REND

VOL

SEC

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PAGE 327



588

FSC: Table, Work

D2-6951: Work Bench

T.O.:

Manufacturers:

Quantity:

Item Description/Remarks:

FSN: 7195-285-5924

P/N:

Fed. Code:

(Cont'd from preceding page)

Requirement Origin	Maintenance Function
-65.9	Relay Armature
-65.10	
-67.1	Switch Illuminated, Push button
-67.2	
12-1296-15.1	Converter Monitor Wiring Assy
-17.14	Potentiometer
-17.15	
-30.1	Transmit Bandpass Filter Module
-30.2	
-30.3	
-33.1	PCA
-33.2	
-36.1	Receiver-Transmitter, wiring assy
-41.8	Transformer
-41.9	
-41.11	Capacitor
-42.12	
-42.14	Inducer
-42.15	
-44.1	PCA (Typical)
12-4043-3.4	Jack Box J-1311/GTC-8
-3.5	
-7.4	Coil, Hybrid Inductance
-8.7	Capacitor, 30VF, 50V
12-4018-285.1	Power Amplifier Board Assy
-285.2	
-305.1	Panel, Patching test set
12-1368-22.3	Control Power Supply
-51.4	Wire Bundle Assy of
-59.1	Filter Radio Frequency
-59.2	
-66.11	Control Radio Set
12-3092-10.2	Self Test Generator
-10.3	
-11.5	
-14.2	Board Inhibit Pulse Amplifier
-15.3	
-15.5	

(Cont'd on following page)

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WMSD A

BOEING

VOL

NO D2-13961

SEC

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985

FSC: Table, Work

D2-6951: Work Bench

T.O.:

Manufacturer:

Quantity:

Item Description/Remarks:

FSN: 7195-285-5924

P/N:

Fed. Code:

(Cont'd from preceding page)

Requirement Origin	Maintenance Function
-20.5	Board 8CFS Oscillator
12-3092-24.11	Board-Type A Evaluator
-28.5	Board -Type B Evaluator
-31.11	Board -Type C Evaluator
-37.5	Board -Type D Evaluator
-41.11	Board -Type D Evaluator #2
-45.5	Board -Type D Evaluator #3
-49.11	Board -Type E Evaluator
-51.1	Board - Seq. and Term
-53.1	Board - Comparator Enable
-54.2	Board - Comparator Enable
-54.3	Board - Comparator Enable
-56.1	Blower
-56.2	
-58.8	Capacitor
-58.9	
-58.11	Light, Indicator
-59.12	
12-3092-59.14	Switch, Selector
-59.15	
-61.5	Voltmeter
-62.7	
-62.9	Card Reader and Diode Assy
-63.10	
-63.11	
-65.1	Indicator Assy
-65.3	
-70.1	Relay
-83.1	
-83.4	Relay Socket
-84.5	
-84.7	Diode
-84.8	
-86.1	Latch, Case
-92.5	Latch, Case Cover
-93.6	
-98.8	
-98.9	

(Cont'd on following page)

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REVISED A

BEING

VOL

NO D2-13961

SEC

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1,9,8

FSC: Table, Work

D2-6951: Work Bench

T.O.:

Manufacturer:

Quantity:

Item Description/Remarks:

FSN: 7195-285-5924

P/N:

Fed. Code:

(Cont'd from preceding page)

Requirement Origin	Maintenance Function
-96.3	Cable
12-4012-7.2	Generator Signal
-12.1	Board Assy, Gate Inverter
-12.2	
-12.10	Provide a work area for the following:
-12.13	Facilitate testing of test set
12-4319-2.9	
-4.1	Repair latch, locking
-4.2	
-4.12	Repair impact indicator
-4.13	
12-4445-4.6	Testing control panel assembly
-6.7	
-8.10	
12-4489-13.1	Handling board assembly control flip-flop
-13.2	
-16.4	Repair message operator
-16.5	
12-4152 +	Repair of electronic equipment
12-4491 +	Repair of electronic equipment
12-4075 +	Repair of electronic equipment
I-1320-(7)	Indicator, Fault Locating Drawer
	Receiver, Repeater, Transmitter, Telephone
	Network, Impedance Matching Drawer
	Drawer Equalizer, Telephone Line, TA-503/GTC
	Repeater, Telephone Drawer TA-502/GTC
	Power Signal Distribution Unit MX-4109/GTC
	Jack Box, J1308/GTC-8
I-1304-(1)	Telephone, TA466/GTC-8
I-1306-(1)	Board Assy, Line Amp.
I-1251-(6)	Launch Enable Unit
	Connector, Receptacle
	Converter, WaveForm CV1253
	Connector, Receptacle
	Power Signal Dist. Unit MX 3774

(Cont'd on following page)

88E

FSC: Table, Work

D2-6951: Work Bench

T.O.:

Manufacturer:

Quantity:

Item Description/Remarks:

FBN: 7195-285-5924

P/N:

Fed. Code:

(Cont'd from preceding page)

Requirement Origin	Maintenance Function
I-1265-(3)	Board Assy, Data Trans. Indicator, Missile Away 1D979 Power Signal Dist. Unit MX3703
I-1363-(4)	Jack Box J1310/GTC-8 Resistor Line 4 Resistor Line 7
I-1361-(1)	Jack Box 1309/GTC-8
I-1303-(3)	Capacitor, Tubular, Electrolytic Capacitor Tubular Fixed Electrolytic Capacitor Tubular Fixed Paper Dielectric .047Mfd
I-1302-(2)	Repeater Telephone TA-464/GTC-8 Repeater Telephone TA-463/GTC-8
I-1341-(1)	Telephone TA467/GTC-8
I-1268-(1)	Decoder, Command Signal
I-1213-(1)	Converter, Digital to Diphase CV1236
I-1213-(4)	Board Assy, Line Amplifier Connector, Receptacle Power Signal Dist. Unit MX 3735 Converter, Waveform CV1237
I-1228-(4)	Monitor Unit Line Failure MX3775/GYK-2 Board Assy input detect Connector Receptacle Board Assy, 2 - input gate
I-1279-(2)	Repeater, Telephone TA-461/GYK-2
I-1343-(1)	Line Amplifier Board Assy Telephone 462/GTC-8

REVISED C

BOEING VOL
INC

NO D2-13961

INC 332.1



685

FSC: Tag, Blank

D2-6951:

T.O.: Wire Tags

Manufacturer:

Quantity: Exp.

Item Description/Remarks:

1. Two 6 in. wire tags
2. 3 1/4 in. x 1 5/8 in

PSN: 8135-238-6912

P/N:

Fed. Code:

Requirement Origin

21SM80A-2-11

21SM80A-2-19

Maintenance Function

Identify disconnected wires

Identify disconnected wires

368

4W60 A

DD FORM VOL
SEC

NO D2-13961
PAGE 333



05E

FSC: Tape, Fish, Steel

D2-6951:

T.O.: Fish, Tape

Manufacturer:

Quantity: 6

Item Description/Remarks:

FSN: 5120-224-2697(EF)

P/M:

Fed. Code:

1. Fed. Spec. QQ-T-40

2. 200 ft. long, 1/8" wide, 0.6" thick, with reel.
Used with rope; see Page 267.

Requirement Origin

Maintenance Function

12-1246-38.3
12-1248-4.7
12-4024-83.4
-83.5
12-4031-4.11

A means to attach rope to cables for removal from conduit

21SM80A-2-20

Pull cable through conduit

369

111540

A

BEIND

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MC

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15E

FSC: Tape, Measuring

D2-6951:

T.O.: Steel Measuring Tape

Manufacturer:

Quantity: 20

Item Description/Remarks:

PSN: 5210-234-6743 (8P)

P/N:

Fed. Code:

1. Fed Spec GGG-T-106a, Type II, Class B.
2. 100 ft. chrome plated steel tape in leather covered steel case

Requirement Origin

Maintenance Function

12-1425-29.8
12-1339-3.2

A means to determine exact length of cable to be installed
Measure length along cable segment to 100 ft. coiled and
with stand all weather conditions

12-1241-12.18
11-1330-3.2
-14.8

Means to measure actuator rod length.
Means to check distance between floor and ceiling in
equipment room.

21SM80A-2-20

Measure Cable

CCP 901

SWISS C

BEIND VOL
1 MC

NO D2-13961
PAGE 335



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25E

FSC: Tape, Pressure Sensitive Adhesive

FSN: 7510-550-7126(3P)

D2-6951: Tape, Pressure Sensitive, Adhesive, Red

P/N:

T.O.:

Fed. Code:

Manufacturer:

Quantity:

1xp

Item Description/Remarks:

1. Red cellophane tape, pressure sensitive; 3 in. dia. core, 72 yard roll;
Fed Spec L-T-90c Type I

▷ Std. Pack: 12 rolls

Requirement Origin

Maintenance Function

12-1241-15.6

Means to produce red line on gage G-2

311

1WS60 A

BOEING VOL
sec

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PAGE 336



53E

FSC: Tensionmeter

D2-6951:

T.O.:

Manufacturer: John Chattillon & Sons Inc. N. Y., N. Y.

Quantity: 1

Item Description/Remarks:

FSN: 6670-580-4104

F/N: 130

Fed. Code: 11710

1. Range 0-100 Lb, 1 Lb increments

Requirement Origin

12-1242-21.2

Maintenance Function

Check pressure of brake shoe against brake drum of the electric brake. (0-100 Lb)

53E

FORM A

FORM

VOL

NO D2-13961

SEC

PAGE 337



h5E

FSC: _____
 D2-6951: Tensioner, Dial Indicating
 T.O.: _____
 Manufacturer: Kent Moore Org. Inc., Warren, Mich.
 Quantity: 1
 Item Description/Remarks:

FSN: -
 P/N: J-7316
 Fed. Code:

1. Used to properly adjust the belts to manufacturers specifications.

Requirement Origin

12.0-4075-34.1

Maintenance Function

Check compressor drive belt for proper tension

373

WMSD A

BOBINO VOL
 SEC

NO D2-17961
 MGS 338



56E

FSC: Tent

D2-6951: Tent, Splicers

T.O.: Tent

Manufacturer:

Quantity: 3 cartons

Item Description/Remarks:

1. 3/carton.

▷ Also: Splicer tent

PSN: 8540-205-3322(BP)
P/N:
Fed. Code:

Requirement Origin

Maintenance Function

12.0-1278-5.4

Protect maintenance personnel and equipment during adverse weather conditions

12.0-1339-4.2
-23.1

Protect personnel during cable maintenance

21SM80A-2-20

CGP 901

REVISED C
US GPO 2000

DOING VOL NO D2-13961
SEC PAGE 339 →

962

FSC: _____
 D2-6951: Test Kit Gas Combustion
 T.O.: _____
 Manufacturer: Scientific Supplies Co., Seattle, Wash.
 Quantity: 1
 Item Description/Remarks:

FSN: -
 P/N: Cat.No. 32036
 Fed. Code: 8-917

Requirement Origin
 12-1325-16.8

Maintenance Function
 Adjustment of Boiler, Heating, Low Pressure

375

14560 A

BOEING VOL
 SEC

NO D2-13961
 PAGE 340



L5E

FSC:

D2-6951: Test Stand, Pump

T.O.:

Manufacturer: Auto-Control Laboratories, Inc., Culver City, Cal.

Quantity: 1

Item Description/Remarks:

PSN:

P/N: Model 2691A2

Fed. Code: 05172

Requirement Origin

12-1210-13.6
12-1230-13.4
-14.9
12-1324-59.12
-96.9
-125.6
12-1405-14.4
-15.9

Maintenance Function

After overhaul or repair a means to test or checkout
Pump Assy

Pump Motor
Centrifugal pump

Rotary Pump

31p

UNCLASSIFIED

BOEING VOL
SEC

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PAGE 341



Ten Pound Weight; chrome nickel

Requirement Origin

I-4160-(1)

Maintenance Function

Check of Mechanical force gage and accessories

DOFIND

VOL.**825**

NO D2-13961

Index 341.1

65E

FSC: Tester, Battery, High Discharge Rate

D2-6951: Test Set, Battery

T.O.:

Manufacturer: Radio Corp. of America

Quantity: 5

Item Description/Remarks:

PSN: 6625-539-8.03

P/N: 777

Ref. Code: 77751

▷ Also: Probes, Test, Battery

1. 0 to 50 volt range, counter type, with 2 test leads.
2. Dimensions: 5" x 7" x 11"

Requirement Origin

Maintenance Function

12-1282-(2)

12-1288-(1)

A means to probe through the rubber grommets on the battery top to measure cell voltage

76

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BEING VOL NO D2-13961
SEC 341.2 →

107

PSC: Thermocouple, Contact

D2-6951: Thermocouple, Iron Constantan

T.O.:

Manufacturer: Airsearch Mfg. Co., Los Angeles, Cal.

Quantity: 36

Item Description/Remarks:

PSN: 5685-580-0768

P/N: 253848-1

Fed. Code: 70210

1. 0° to 380° F range, iron-constantan thermocouple wire, 18" long, no. 30 AWG mounted by 9/16-18-UNF-2A adapter, 2 wire lead type terminals

Requirement Origin

12.O-4115-4.6
-88.8

Maintenance Function

Check suction pipe temperature between 20°F and 80°F and accurate to $\pm 1^\circ\text{F}$.

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2500000000

Vol

Inc

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2917

FSC: Thermometer, Self Indicating, Liquid in Glass

FSN: 6685-239-4007

D2-6931:

P/N:

T.O.:

Fed. Code:

Manufacturer:

Quantity: 1

Item Description/Remarks:

1. 30° to 300° F., accuracy of 1/2 to 1% 2° F. smallest graduated division, armor encased, perforated tip, 12" long with ring.

Requirement Origin

Maintenance Function

11-4024-47.10

A means of measuring temp. of the heating unit.

I-1211-(1)

Checkout of temp. of components of environmental control system. (135°F)

I-1212-(1)

Checkout of temp. of components of environmental control system (187°F)

R

R

REVISED

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was 3-44



coh

FSC: Thermometer, Self Indicating, Liquid in Glass

DR-6951:

T.O.:

Manufacturer:

Quantity: 6

Item Description/Remarks:

FSN: 6685-515-4814

P/N: 213

Fed. Code: 26175

1. -35° to 130°F accuracy of $\pm 0.1^\circ\text{F}$ of range of scale; $1/2^\circ\text{F}$ smallest graduated division, 12 inches long

Requirement Origin

Maintenance Function

12-4115-4.6
-5.6
12-4062-4.2
12-4063-3.1

Measure air temperature from 32°F to 120°F at $\pm 1\%$ accuracy
Measure temperature in insulated container

32

hoh

FSC: Thermometer, Self Indicating, Liquid in Glass
 D2-6951: Thermometer, Set, Self Indicating Liquid in Glass
 T.O.: Self-Indicating Thermometer
 Manufacturer:
 Quantity: 6
 Item Description/Remarks:

FSN: 6685-807-7/49(BF)
 P/N: 21200
 Fed. Code: 59310

- 30° to 120°F., accuracy $\pm 1/2^\circ\text{F.}$, 1°F. smallest division, armor encased, 11.9" long with ring.

Requirement Origin

Maintenance Function

11-1211-4.4
 -5.6
 -16.1
 -51.1
 -66.2
 -76.13
 -78.1
 -91.8
 -93.14
 -120.2
 -122.5
 -122.5

Checkout of temperature of components of Environmental Control System

11-1212-4.4
 -5.6
 -16.1
 -62.2
 -77.12
 -97.1
 -138.10
 -148.1
 -148.1

12-4024-32.4
 12-4059-68.3
 -69.5
 -70.8

Check temperature in HV/OC Van
 Check settings of thermostats

21SM80A-2-6
 3649-8-40-1

Check Coolant Temperature
 Check environmental system thermostat

3503-11-25-1



50h

FSC: _____
 D2-6951: Thread Compounds 2
 T.O.: _____
 Manufacturer: _____
 Quantity: EXP- _____
 Item Description/Remarks:

PSN: _____
 P/N: 1
 Fed. Code: _____

- 1 See Following Page
- 2 Also: Pipe Thread Compound (Sealant)

Requirement Origin

Maintenance Function

12.0-4.191-4.8

Place Sealant on threads of tank outlet
 (male threads only)

382

907

Thread Compounds:

Anti-Seize Compound
 Non-Fuel Soluble Grease
 Petrolatum
 Hydraulic Oil
 Anti-Seize Compound
 Lubricating Oil

Frigidaire
 (or equiv)

MIL T 5542
 MIL-L-6032
 VV-P-236
 MIL-O-5606
 Jan-A-669
 MIL-O-6082
 Grade 1100
 525 oil
 (or equiv)

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12-071-100

Revised 1

BEING | NO. 12-13962
 | NO. 348



L97

FSC: _____
 D2-6951: _____
 T.O.: Timing Light
 Manufacturer: Snap On Tools Corp., Kenosha, Wisconsin
 Quantity: 1
 Item Description/Remarks:

FSN: -
 P/N: MT-50
 Fed. Code: 55719

1. Used on any volt system
2. 1 1/4" x 5 7/16", 4 foot long cable leads with rubber covered alligator clips

Requirement Origin

TO-3503-11-25-1

Maintenance Function

Use to time distributor on engine

344

ISSUED A

RECEIVED VOL
 INC

NO D2-17961
 INC 344



20h

NEW

FSC: _____
 D2-6951: Tool Kit, Thermostat Adjustment and Repair
 T.O.: _____
 Manufacturer: Johnson Service Company, Milwaukee, Wisc.
 Quantity: 5
 Item Description/Remarks:

PSN: _____
 P/N: 26-16129
 Fed. Code: 32242

Requirement Origin

Maintenance Function

11-1211-83.10
 -85.14
 -88.3
 -91.8
 -93.14
 -135.1
 11-1212-97.1
 -99.7
 -159.1
 -160.4

Use thermostat tool kit to adjust pressure switch set points

CO

36

2500

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NO 82-17961

NO 350



607

FSC: Tractor, Wheeled

D2-6951: Tractor, Wheeled, Towing MB-2

T.O.: _____

Manufacturer: _____

Quantity: 1

Item Description/Remarks:

Industrial aircraft towing; 4x4, pneumatic tires for towing aircraft over 250,000 lbs. GAW; Type MB2

PSN: 2120-289-9122

P/N: _____

Ed. Code: _____

Requirement Origin

Maintenance Function

15.0(25-18804)-15.1

Move aircraft into alignment at loading facility

636

1-11-60

01h

FSC: Trailer, Cargo

D2-6951: Trailer, Cargo Type M104

T.O.:

Manufacturer:

Quantity: 1

Item Description/Remarks:

PSN: 2330-294-9560

P/N:

Fed. Code:

1. 1 1/2 Ton rated capacity; with air-hydraulic service brakes, parking brakes; with towing pintle hook, top bows and tarpaulin; 58 1/2" from front of body to center of coupler; steel and wood box type body with lattice type side extensions and tailgate, flat fixed bed, straight front; inside dim: 123" long x 82" wide x 66" high; O/2 dim: 181 1/2" long x 96" wide; per Mil Spec M11-T-10240

Requirement Origin

Maintenance Function

11-1211-43.2
11-1212-110.2
-136.7
11-1325-15.5

A means of transporting
Fan
Blast Valve
Cooling Unit
Boiler, Heating

361

4-11-60

1

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11-1-61

11-1-61

11-1-61

352

117

FSC: Trailer, Cargo

DS-6951: Cargo Trailer

T.O.: _____

Manufacturer: Ordinance Corp

Quantity: 7

Item Description/Remarks:

1. Inside dim. 96 in. long, 64-1/2 in. wide, 48 in. high
2. O/a dim. 147 in. long, 73-1/2 in. wide

Reference: Letter to BSD from TBC 2-6330-01-23 dated 3-22-63
CCP 901

PM: 2330-738-9509

P/M: 101

Prod. Code: 00000

Requirement Origin

25-18805

Maintenance Function

Used with Maintenance Truck, Figure A 4403

02

NOTE C

NO 82-13961
EX 882.1



nh

FSC: Trailer, Tank

D2-6951:

T.O.:

Manufacturer:

Quantity:

Item Description/Remarks:

PSN: 2330-060-6511

P/N:

Prod. Code:

1. Capacity: 400 gallon, water; distance from front of body to center of coupler, A/A; aluminum body; one compartment, W/O pump; W/O facilities for heating tank, non-insulated, W/O lining, size of piping system not specified; o/a dim., 14 feet long maximum, 8 feet wide maximum; per USAF Exhibit MP 2330-176.
2. Reference: BSD letter BSQR/Maj. Becker/6424, dated 9-18-62

Requirement Origin

12.0-4191-2.3

12.0-GCS"0"-3.3
-11.9

Maintenance Function

Clean liquid storage tank interior to prevent impurities build-up.

Use to service coolant of Guidance and Control Section

817

FSC: _____
 D2-6951: Traps, Rodent ☒
 T.O.: _____
 Manufacturer: _____
 Quantity: Exp. _____
 Item Description/Remarks: _____

FSN: ☒
 P/N: _____
 Fed. Code: _____

☒ Consist of:

☒ FSN:

- a. Mouse Trap, Spring
- b. Rat Trap, Spring

3740-252-3384
 3740-260-1398

Requirement Origin

Maintenance Function

8.0-(BU-SK-25-18771-13)
 -8.4.2.2

Launcher Support Building requires protection against rodent inhabitation.

8.0-(BU-SK-25-18771-13)
 -8.4.2.3

340

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NO 82-13961
 max 355



h/h

FSC: Truck, Cargo

D2-6951: Vehicle, Truck, General Purpose

T.O.: _____

Manufacturer: _____

Quantity: 1

Item Description/Remarks:

FSN: 2320-702-6291

P/N: _____

Fed. Code: _____

1. One ten MIL-T-12171, Type 2, Class B

Requirement Origin

2.0(25-18804)-2.8

Maintenance Function

Transport MGE to and from railhead when T.E. is transported from SMSA by rail.

1. Use Flg. A 3080

Requirement Origin

11-GCS "O"-9.7

Maintenance Function

A means to transport waste coolant from launcher to SB.

91h

FSC: <u>Truck, Cargo</u>		PSN: <u>2320-801-7593</u>
DS-6951: <u>Truck Tractor</u> ➤		P/N: _____
T.O.: _____		Fed. Code: _____
Manufacturer: _____		
Quantity: <u>7</u>		
Item Description/Remarks:		
2-1/2 ton capacity, 19,000 lb. GVW per MIL Spec. MIL-T-45354, Type 5 Class C		
➤ Also: Security Vehicle		

Requirement Origin	Maintenance Function
12-1211-43.2	Tow trailer, cargo to transport:
12-1212-110.2	Fan, Blast Valve, Cooling Unit or Heating Boiler
-136.7	
12-1325-15.5	
5.0(25-18804)-5.3	Accompany T-E and transport support equipment
12.0(25-18804)-12.1	Means of transporting tools
I-1447-(1)	Transport drier air compressor to and from support base.

28
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| sec

NO 22-13961
mes 358



L1h

FSC: Truck, Cargo 3/4 Ton

PSN: 2320-580-2955

D2-6951:

P/N:

T.O.: Cargo Carrier

Fed. Code:

Manufacturer:

Quantity: 7

Item Description/Remarks:

1. MIL-T-12171B, Type 3, Class B, 7000 lb. gross vehicle weight

2. 6 person seating capacity

Reference: Letter to BSD from The Boeing Company 2-6330-01-23
dated 3/22/63; CCP 901

Requirement Origin

Maintenance Function

21SM80A-2-20

Carry maintenance equipment

12-1423-2.2

Transport personnel and equipment to maintain cable

12-1424-12.7

-14.8

25-18805

Support cable fault isolation and scheduled maintenance activities

3/17

FSC: Truck. Dolly

D2-6951:

T.O.:

Manufacturer:

Quantity: 3

Item Description/Remarks:

Capacity: 450 lb, 25 1/2 in x 20 3/4 in, 4 rubber casters

PSN: 3920-531-6036

P/N: YJ2184-5001

Fed. Code: 49956

Requirement Origin

D2-13608-2, V II

Maintenance Function

Transport drum with water from sump pump.

3/17

4-11-60

A

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VOL

SEC

NO D2-13961

PAGE 360



5/11

FSC: Truck, Hand, ApplianceD2-6951: Truck, Hand 

T.O.:

Manufacturer:

Quantity: 2

Item Description/Remarks:

FSN: 3920-329-4292

P/N:

Fed. Code:

 Also: Truck Hand, two wheeled

1. Appliance type dolly, 24" wide, 52 in. long, Ratchet Holding strap, caterpillar type step guide, solid rubber tires, aluminum curved cross-bars.

Requirement Origin

11-1212-136.7

Maintenance Function

Provide a means of handling Cooling Unit, Emergency

264

4444

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INC

NO D2-13961

INC 364



01/h
FSC: Truck, Hand, Shelf

D2-6931: Truck Hand Code Pack

T.O.:

Manufacturer:

Quantity: 2

Item Description/Remarks:

PSN: 3920-141-7441(BP)

P/N:

Fed. Code:

▷ Also called Truck Hand, Code Equipment; Truck Hand ; Truck, Hand Platform

1. Four flat type fixed steel shelves with 10 in. spacing; four in. dia. wheels, rubber tires; two push bar type handles, OA dim: 30" long x 22" wide x 37 1/2" high.

Requirement Origin	Maintenance Function
5.0(25-22294)-5.5.1	Manually insert launch fire code into command signal decoders.
-5.5.2	Verify command signals decoders against volatile code packs.
-5.5.4	Verify command signals decoders against launch control panel.
-5.5.5	Verify coded command signals decoders for function.
5.0(25-22294)-5.0	Initiate code insertion and verification.
-5.2	Inspect volatile code packs for cleanliness, freedom from defects and complete erasure.
-5.2.1	Insert code into & or X volatile code packs.
-5.2.2	Verify Y or X volatile code packs against master code packs.
-5.2.3	Verify Y or X VCP's for serial number; identity.
-5.3	Insert code into mechanical code units.
-5.3.2	Verify launch control panel against Y and X master code packs.
-5.3.3	Verify launch control panel against Y and X volatile code packs.
-5.4.1	Manually insert launch fire code into command signals decoders.
-5.4.4	Verify command signals decoders against launch control panel.
-5.4.5	Verify coded command signals decoders for function.
12.0-4252-4.1	Transport within the Encoder-Decoder Facility: Volatile code packs, Mechanical Code units, Launch Control panel, test code cards, and common hand tools required in fault isolation and repair of CIV (31 x 2-62-4-1)
-11.3	
12.0-3092-5.3	Transport Fault Locator and Portable Power Supply (80 lb each)
I-1320-(8)	Repeater, Telephone Set AN/GTC-10 Indicator, Fault Locating Drawer Receiver-Repeater-Transmitter, Telephone Network, Impedance Matching Drawer Drawer equalizer Telephone Line, TA-503/GTC Repeater Telephone Drawer, TA-493/GTC Repeater, Telephone Drawer, TA-502/GTC Power Signal Distribution Unit, MX4109/GTC-10 Rec. Trans. Digital Data RT-646/GTX-2 Store, Launch Enable Unit & Verification Unit MX3772 Power Sig. Dist. Unit MX3774 (Cont'd on following page)
I-1251-(3)	

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VOL

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SEC

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1-2/1

FSC: Truck, Hand, Shelf

NS-6931: Truck Hand Code Pack

T.O.:

Manufacturer:

Quantity:

Item Description/Remarks:

PSN: 3920-141-7241(BF)

P/N:

Fed. Code:

Also called Truck Hand, Code Equipment; Truck, Hand; Truck, Hand Platform

1. Four flat type fixed steel shelves with 10 in. spacing; four in. dia. wheels, rubber tires; two push bar type handles, OA dim: 30" long x 22" wide x 37 1/2" high

(Cont'd from previous page)

Requirement Origin	Maintenance Function
I-1265-(2)	Trans. Dig. Data T869
I-1303-(2)	Power Sig. Dist. Unit MX3703
I-1302-(3)	Repeater, Telephone, TA-465/GTC9
	Power Supply PP3186/GTC9
	Repeater Telephone TA464/GTC-8
	Repeater Telephone TA-463/GTC-8
I-1213-(5)	Power Sup. PP3185/GTC-8
	Command Status Message Processing Group OA3850/GYK-1(V)
	Converter, Digital to Diphase(CV-1236)
	Power Signal Dist. Unit MX3735
I-465L*O*-(1)	Converter Wave Form CV1237
I-1228-(5)	SAC communications system 465L
	Status Command Message Processing Group OA3594
	Monitor Unit Line Failure MX3775/GYK-2
	Decoder Command Signals
	Case Assy Decoder Command Signals
I-1279-(1)	Power Sig. Dist. Unit MX 3777
	Repeater Telephone TA461/GYK2

34
no 362.1

no 362.1
362.1

200

FSC: Truck, Lift, Fork

D2-6951: Fork Lift

T.O.:

Manufacturer:

Quantity: 1

Item Description/Remarks:

PSN: 3930-55-- 754

P/N:

Fed. Code:

1. MIL-T-15442, Type 5

2. Capacity: 15,000 lb. lifting capacity; 210 inch lift; gasoline engine driven, 4x2 pneumatic tires; with extension forks

3. Reference: BSD TWX BSQA-9-10-25 dated 10-10-62

Requirement Origin

Maintenance Function

12-0-4115-112.13

Lift air conditioner (6000 lbs.) to allow draining of fuel tank.

-6.7

Handle air conditioner (6000lb)

12-1367-34.11

A requirement exists for a means of lifting the AC Motor Generator (6251#)

TO 21SM80A-2-2

Restrain beam moving

25-18804-(1)

Open Ramp Door in SMSA Area (position ramp during Transfer SSCBM)

25-18804-(1)

Move Transfer Ramp support to storage

R

R



86/

FSC: Truck, Lift, Fork

D2-6951: Truck, Fork Lift

T.O.: Fork Lift Truck

Manufacturer:

Quantity: 2

Item Description/Remarks:

1. 4000 lb. lifting capacity; 144 inch lift; gasoline engine driven, 4 x 2 pneumatic tires

2. Reference: BSD TWX BSQA-9-10-25 dated 10-10-62

▷ Also: Hoisting Unit, Portable

PSN: 3930-554-128

P/N:

Fed. Code:

Requirement Origin

Maintenance Function

12-4059-32.2

-35.3

-37.4

-38.5

-59.3

12-4024-3.7

-3.8

-10.1

-10.2

-33.6

-33.7

-46.6

-46.7

-56.5

-56.6

-74.5

-75.6

12-1282-14.9

12-1283-30.3

12-1288-12.9

12-1367-27.3

12-1368-52.10

12-4063-24.6

-24.7

12-4119-6.6

-7.7

12-1211-31.2

12-1212-20.7

-28.2

-40.2

12-1325-37.12

-37.13

12-1330-15.9

3649-8-40-1

21-SH90A-2-8

3503-11-25-1

A requirement exist for a means of lifting; cable transfer equipment and spools

cable spools

Hoist Cover

Landing Gear (150 lb.)

Bridge Assy (900 lb)

Heating Unit, Van (250 lb.)

Cooling Unit

APV

Battery Storage (1390 lbs.)

Motor Generator (2135 lbs)

Battery Storage (1600 lbs.)

Motor Generator (1365 lbs.)

Wire Bundle Assy of (150 lbs.)

Hoist assembly (300 lbs.)

Raise hoist assembly from ground to Van

Lower hoist assembly from the Van to ground level

Provide a means of transporting and handling chiller (475 lb)

Fan, Centrifugal, Power Driven (600 lbs)

Unit Heater (100 lb)

Shock Absorber, Direct action, Spring (275 lb.)

Removal of APV and environmental equipment

(Continued on Page 36.1)

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3

US 4000 2000

BOEING

VOL

SEC

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R

hep

FSC: Truck, Lift, Fork

DS-6951: Truck, Fork Lift

T.O.: Fork Lift Truck

Manufacturer:

Quantity: 2

Item Description/Remarks:

1. 4000 lb. lifting capacity; 144 inch lift; gasoline engine driven, 4 x 2 pneumatic tires

2. References: BSD TWX BSQA-9-10-25 dated 10-10-62

▷ Also: Hoisting Unit, Portable

FSN: 3930-554-4428

P/N:

Fed. Code:

Requirement Origin

11-1212-34.2
-117.8

Maintenance Function

A requirement exist for a means of lifting:
Remove and replace condenser, panel assembly, control,
Blast Valve

11-1212-34.2

DS-6951

Vol.

Sec

NO DS-13961

Sec 364.1



SEP

FSC: Truck, Tank

D2-6931: Truck, Tank

T.O.: Truck, Tank

Manufacturer:

Quantity:

Item Description/Remarks:

PSN: 2320-639-8969

P/N:

Fed. Code: 80049

1. 15 Ton rated capacity; closed cab over engine; 2 person seating capacity, aluminum tank body, 2600 gal liquid capacity, one tank compartment; with storage compartment, quantity A/A; with one power operated loading and dispensing pump, 300 GPM rated capacity; with facilities for heating contents of tank, heated by fuel burner; MIL Spec MIL-T-26510, Type A/S32A2

Requirement Origin

12-1230-2.1

-5.4

12-1405-2.1

-5.4

-6.5

D2-13608-2, Vol.IV

Maintenance Function

Means to transfer fuel oil from underground storage tank to temporary Storage tank of the Truck Tank

A means of cleaning filtering and dewatering fuel oil while cleaning storage tank

87

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BOEING VOL
SEC

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PAGE 365



R

R

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96h

FBO: Truck, Tractor

FSN: 2320-185-0055

D2-6951: Truck Tractor

P/N:

T.O.: Truck, Tractor

Fed. Code:

Manufacturer:

Quantity: 1

Item Description/Remarks:

5 ton rated capacity; 24,000 lb. GVW, per Mil. Spec. MIL-T-45340,
Type 3, Class A

Requirement Origin

Maintenance Function

12-1211-22.7

Transport Brine Chiller to Launcher and return defective unit to Support Base for repair.

12-1212-20.7

Tow semi-trailer, low bed with fan and fork lift.

-40.2

12-1323-57.7

Tow semi-trailer with Generator Set

21-8160A-2-19

D2-13608 Vol. IV

Tow Semi Trailer, Tank to transport fuel oil

I-1230-2.1

-6.4

I-1405-2.1

-5.4

-6.5

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MC

NO D2-13961
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LCN
FSC: Track, Utility
D2-6951: Security Vehicle
T.O.: _____
Manufacturer: _____
Quantity: 10

FSN: 2320-540-3954
P/N: _____
Fed. Code: _____

Item Description/Remarks:

1/4 ton rated capacity; with provisions for radio equipment, open type body with fabric top or fully enclosed type; 81 in. wheelbase; with towing pintle hook; Type M38A1, GVW, any acceptable; per Mil. Spec. MIL-T-1374.

Requirement Origin

3.0(25-22332)-3.8

6.0(25-22332)-6.0

I-25-18805-(1)

Maintenance Function

Transport code packs and CSD to Launcher

Prepare coded and verified units for storage and transport

Maintain crew dispatch (Accompany R/V)

R

REND VOL
SEC

NO D2-13961

mes 367

367

FSC: Tube, Rubber

D2-6951:

T.O.: Split Rubber hose

Manufacturer:

Quantity: Exp:

Item Description/Remarks:

FSN: 4720-203-7708

P/N:

Fed. Code:

1. Natural rubber, black

2. 1/2 in. id x 5/32 in. wall x 3 feet long; cut to 7 in. long and split along length.

Requirement Origin

Maintenance Function

21SM80A-2-2

Cover Winch Cable

403

1-1000

DDEND VOL
SEC

NO D2-13961
PAGE 368



667

FSC: Twine, Cotton

D2-6951: Cord Lacing

T.O.:

Manufacturer:

Quantity: 2 EXP

Item Description/Remarks:

FSN: 4020-233-5034 (BP)

P/N:

Fed. Code:

1. Fed. Spec. T-T-871b

2. 6 ply cotton twine, 1000 yards per one pound ball

Std. Pack: 60 balls

Requirement Origin

11-1246- 4.7
38.311-1248- 4.7
11.3

Maintenance Function

A means to lace PI points during removal

REVISED

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BOEING

VOL.

SEC

NO D2-13961

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0E/

FSC: Transformer, Variable, Power

DS-6951: Variable Voltage Transformer

T.O.:

Manufacturer: The Superior Electric Co. Bristol, Conn.

Quantity: 2

Item Description/Remarks:

FEN: 

P/N: 3PN-136

Fed. Code: 58474

1. Autotransformer type 120 V input, 60 cycles, single phase;
0 to 140 V range output, 20 amp. max, 2.4 KVA rating

2. Dimensions: 6.5" long x 7.75" wide x 10.219" high

 FSN 6120-825-3005 as differentiated by 0-140 V range output, and
equipped with Nema 3 prong (ground) connector

Requirement Origin

Maintenance Function

12-0-4252-134.3

Vary facility voltage from 0 to 136V AC with 118V AC, 60
± 2cps at 250 watts capacity.

-154.3

Manually adjust facility voltage from 104V to 136V at
750 watts, with 120 ± 10% V AC

-53.5

Vary AC input from 108 to 135 V AC at 5 amps max.

06

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BEING VOL NO D2-17961
MC MC 370 →

187

FSC: 25.10.00 Waste, Matted Yarns

D2-6951: Cotton Waste

T.O.: _____

Manufacturer: _____

Quantity: EXP

Item Description/Remarks:

1. Fed. Spec. DDD-W-106

2. 5 pound packages

FSN: 8305-1797 (BP)

P/N: _____

Fed. Code: _____

Requirement Origin

12-1282-3.3

12-1288-3.3

Maintenance Function

A means to remove spilled electrolyte or water from
Battery Storage

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VOL

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2Eh

PSC: Water Bath, Electric
 DE-691: Container, Water, Metal
 T.O.: _____

PSN: 6640-420-20
 P/N: _____
 Fed. Code: _____

Manufacturer: _____

Quantity: 1

Item Description/Remarks:

1. +20°C to +60°C
2. Size: 8 5/8" dia., 2 3/8" deep. 110V, 60 cycles, with thermo regulator

Requirement Origin

12-4059-68.3
 69.5
 70.7

Maintenance Function

A requirement exists for:
 Testing of thermostat Settings by immersing the sensor
 element in a water bath. A means of regulating the
 temp. is required.

Lot

DATE _____
 BY _____

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VOL
 SEC

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387

CCY

PSC: Water Quality Control Set

D2-6951: Comparator, Color, Chlorine

T.O.: _____

Manufacturer: _____

Quantity: 5

Item Description/Remarks:

FSN: 6630-262-7288

P/N: _____

Fed. Code: _____

▷ Also: Comparator, color, phosphate

1. Govt. Spec. JAN-W-535

Requirement Origin

Maintenance Function

12-1324-30.7
-39.8

Test water effluent to determine chlorine residual content

-33.7
-37.8

Test water effluent to determine phosphate residual content

35D3-11-25-1

Check alkalinity of solution

200

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VOL

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FSC:

D2-6931: Welding Equipment, Electric

T.O.: Welding Equipment Electric

Manufacturer:

Quantity:

Item Description/Remarks:

PSN:

P/N:

Fed. Code:

Also: Equipment, Arc Welding; Electric Welding Equipment; Welding Equipment, Aluminum, Composed of items on following pages

Also: Portable Arc Welding Machine

Requirement Origin

Maintenance Function

12.0-4263-2.4
12.0-4305-3.10
12.0-4394-2.4
12.0-4075-27.2
12.0-4028-2.2
12.0-3048-2.4
12-1217-12.6
12-1324-86.8
12-1325-34.5
12-1326-11.7

Repair post and chain assembly
Repair Frame
Repair Sling
Reservoir
Adapter
Beam Assembly
Repair sliding door rails
Repair pneumatic accumulator
Repair hot water expansion tank
Weld cover and bumper in place

D2-13608-2, Vol. IV
12-4541-2.2
12-4047-8.1
12-4447-9.3

Repair rails on sliding doors
Repair damaged aluminum in the following: work platform,
Handle of Safing Pin Socket Wrench Assembly,
Frame

3/6 16

NOV 1961 VOL
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SEA

**Welding Equipment, Electric
consist of:**

Welding Machine, Arc FSN 3431-239-8182
Eobart Brothers Co., Troy, Ohio P/N GR-202-5
Generator type, 40 amps at 20V min. current range, 250 amps at
40V max. current range; 200 amp rate output, DC arc; Gasoline
engine drive; generator drive, also designed for auxiliary
power output, 3KW, 115V DC, portable.

Welding Machine, Arc FSN 3431-025-8357
Harnischfeger Corp., Milwaukee, Wisc. P/N TH300 HF
Transformer type; 10 amps at 78V min., current range, 400 amps
at 40V max. current range; 300 amps rated output, AC arc; 220V
to 440V, 50 to 60 cycles.

Table, Welding FSN 3436-204-3139
37 inch long x 28 inch wide x 34 inch high, equipped with
shelves and 4 compartments.

410

981

FSC:

D2-6951: Welding Equipment, Gas

T.O.:

Manufacturer:

Quantity: 3 SCS

Item Description/Remarks:

PEN:

P/M: 3

Fed. Code:

Consists of: torch cutting; torch welding; torch outfit, cutting and welding; brazing and soldering set; which follow.

Also: Torch, Acetylene; Gas Cutting and Welding Equipment, Gas Welding Equipment

Requirement Origin

Maintenance Function

Repair, removal or installation of:

12-4596-6.10

Frame Base

12-1214-10.1

Brazed refrigerant line connections

-10.2

-11.5

Water Chiller Unit Condenser

-11.6

-11.7

-15.4

Chiller (Evaporator)

-16.5

-20.4

Expansion Valve and sensor bulb

-21.5

12-4043-48.13

Yoke Assembly

-50.4

End Assembly

-50.6

Right and Left Side Assembly

-51.8

End and Floor Assembly

12-4059-56.9

Secondary Structure

12-3022-2.4

Frame

12-3048-2.4

Beam Assembly

12-3053-3.8

Brazed Buckle Assembly

12-0-4263-2.4

Post and Chain Assembly

12-0-4394-2.4

Sling

12-0-4447-9.3

Frame

12-0-4115-63.13

Air Conditioner

-64.14

-69.1

-69.6

-70.9

-70.10

-79.1

-79.2

-82.10

-82.11

-82.13

-83.14

-93.5

-93.6

(Continued on next page)

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LEA

00

FSC: _____
 D2-6951: Welding Equipment, Gas
 T.O.: Torch Cutting
 Manufacturer: _____
 Quantity: _____
 Item Description/Remarks:

FSN: _____
 P/N: 2
 Fed. Code: _____

Consists of: torch cutting; torch welding; torch outfit, cutting and welding; brazing and soldering set; which follow.

Also: Torch, Acetylene; Gas Cutting and Welding Equipment, Gas Welding Equipment

(Continued from previous page)

Requirement Origin

Maintenance Function

12.0-4541-2.2
 12.0-1214-6.14
 -17.8
 -17.9
 -17.12
 -18.13
 -20.1
 -20.2
 -21.10

Work Platform
 Seal Charging Tube
 Braze or loosen brazed connections and tubing

12-1326-11.6

Means to remove protective steel cover over hydraulic cylinders.

21SM80A-2-11
 35E9-35-1

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**Welding Equipment Gas
consists of:**

Torch, Cutting FSN 3433-490-4659
Air Reduction Sales Co., Inc., New York, N.Y.
with tips, 90° angle head.

Torch, Welding FSN 3433-490-4665
Smith Welding Equipment Corp., Minneapolis, Minn.
with five tips

Torch Outfit, Cutting and Welding FSN 3433-516-4964
Includes goggles, igniter, valves, hoses, etc.

Brazing and Soldering Set FSN 3433-255-8953
Includes handle, stems, igniter, hose, etc.

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FSC: <u>Winch, Drum, Hand Operated</u> DE-6931: <u>Winch, Portable, Hand</u> T.O.: _____ Manufacturer: _____ Quantity: <u>2</u> Item Description/Remarks:		FSN: 3950-390-5613 P/N: 1 Fed. Code: 53090
1. Crank operated, 550 ft., 1/4 in wire rope drum capacity, 1500 lb. max. rated capacity		
Requirement Origin 11-1423 (2)	Maintenance Function Remove add install HF/UHF Antenna Cable	

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FSC: Wire, Rope, Steel

D2-6951: Wire, Stranded

T.O.:

Manufacturer:

Quantity: Exp.

Item Description/Remarks:

PSN: 4010-720-1132

P/N:

Fed. Code:

0.063 dia.

7 x 19 wire rope; material - CRCS; 100 foot coil.

Requirement Origin

Maintenance Function

12-1283-63.11
-64.12

A requirement to snake a four foot length of wire through housing of MG.

21-SM80A-2-11

Thread wires through cable

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FSC: <u>Wire, Rope, Steel</u> D2-6931: <u>Wire, Rope</u> T.O.: _____ Manufacturer: _____ Quantity: <u>500 ft.</u> Item Description/Remarks: 1. Fed. Spec. RR-R-571a, Type XXXIV 2. 1/4 in dia., 6 x 42, plow steel, galv, 1.18 ton breaking strength		PSN: 4010-184-9542(BP) P/N: Fed. Code:
Requirement Origin 11-1423 (2)	Maintenance Function Remove and install HF/UHF Antenna Cable	

40

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FSC:

D2-6951:

T.O.: Wood Block

Manufacturer:

Quantity: 30

Item Description/Remarks:

FSN:

P/N:

Fed. Code:

Consists of the following:

Wood: 20 in. long x 20 in. wide x 9 in. high

Steel plate: 20 in. long x 20 in. wide x 3/8 in. thick

Two handles mounted on opposite sides: FSN 5340-514-0491

Requirement Origin

Maintenance Function

21SM80A-2-2

Allow disconnect of Tractor from BMT

1-11-60

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EAH

FSC: _____
 D2-6951: Wrench Box 
 T.O.: _____
 Manufacturer: Kent-Moore Org. Inc., Warren, Mich.
 Quantity: 1
 Item Description/Remarks:

PSN: -
 P/N: J-5727-01
 Fed. Code: 33287

1. Special 9/16" double hex distributor nut wrench with an offset and an extension handle.

 Also: Socket, Socket Wrench

Requirement Origin
 12.0-4075-70.15

Maintenance Function
 Adjust engine timing or remove distributor

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FSC: Wrench, Box

D2-6951:

T.O.: (Adapter) (Cylinder Head Bolt Wrench)

Manufacturer: Kent-Moore Organization Inc., Warren, Mich.

Quantity: 1

Item Description/Remarks:

1. Offset 5/8" box wrench

PSN: -

P/N: J8,14

Fed. Code: 33:37

Requirement Origin

35D3-11-25-1

Maintenance Function

Install and remove valve covers

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511
PSC: Wrench, Open End
D2-6951: Wrench, Open End, Fixed
T.O.:
Manufacturer:
Quantity: 6
Item Description/Remarks:

PSN 5120-164- 454
P/N:
Fed. Code:

1. MIL STD MS16377-5
2. 5/16 in., 60° to 15°

Requirement Origin

6.0-(25-18804)-6.5

18.0-(25-18804)-18.3

Maintenance Function

Release missile container, Air transport, tie downs

Lock out harness suspensions

9577
FSC: _____
D2-6951: _____
T.O.: _____
Manufacturer: _____
Quantity: _____
Item Description/Remarks: _____

PSN: _____
P/N: _____
Fed. Code: _____

1. Double End Flare Nut Wrench Set
2. Consists of seven double end flare nut wrenches from 5/16-in. to 1 1/8 in., in a vinyl-fabric case.

Requirement Origin

12.0-4115-67.1
-68.2
-70.9
-70.10
-79.1
-79.2
-82.13
-83.14
-85.1
-85.2
-87.6
-87.7
-89.10
-90.12
-92.1
-92.2

Maintenance Function

Remove and install tubing assemblies
Disconnect refrigerant lines at flared connections

231

FSC:

D2-6951: Wrench, Spinner

T.O.:

Manufacturer: West Coast Organization Warren, Mich.

Quantity: 100 (as determined by AD, 100)

Item Description/Remarks:

FSN:

P/N: J-7416

Fed. Code: 1-222

Mfrs. Nomenclature: Clutch Finger Adjusting Nut Wrench

Requirement Origin

12-4075-(1)

Maintenance Function

Used to adjust clutch fingers

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FSC: Wrench, Torque

D2-6951:

T.O.: Torque wrench

Manufacturer:

Quantity: 5

Item Description/Remarks:

PSN: 5120-221-7746

P/N:

Fed. Code:

1. MIL Spec. MIL-H-4034 A Type I, Size 1.

2. 1/4" drive, 5 in. lb. to 150 in. lb.

Requirement Origin

Maintenance Function

A means is required to monitor the torque applied to:

12-1373-4.6

Terminal Fasteners

-4.7

-6.9

-6.10

-6.11

-7.12

12-1374-4.6

-4.7

-6.9

-6.10

-6.11

-7.12

12-4075-69.15

Spark Plugs

A means to monitor the torque applied to:

12-1284-23.2

Resistor

12-1368-71.14

Filter Mounting Nut

-71.17

-82.2

12-1382-2.6

Cap Screws

-3.9

12-3035-2.1

Coupling Nuts

-4.5

-18.7

-18.10

-19.13

-22.8

-24.13

-26.2

-27.5

-28.11

-28.14

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FSC: Wrench, Torque

D2-6951:

T.O.: Torque Wrench

Manufacturer:

Quantity:

Item Description/Remarks:

PSN: 5120-221-7944

P/N:

Fed. Code:

1. MIL Spec. MIL-H-4034 A Type I, Size 1

2. 1/4" drive, 5 in. lb. to 150 in. lb.

(Continued from previous page)

Requirement Origin

Maintenance Function

12-3035-30.2

31.8

-32.00

-34.2

21SM80A-2-20

D2-13608-2, VI

I-1423-(2)

Torque bolts on ESA Panel (12 in. lb)

Torque interference filters

Means to torque terminal fasteners on Surge Arrestors
(10-12 in. lb)

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FSC: Wrench, Torque

D2-6951:

T.O.:

Manufacturer:

Quantity: 5

Item Description/Remarks:

1. MIL Spec. MIL-H-4034 A Type I, Size 2
2. 3/8" drive, 100 in. lb. to 750 in. lb.

PSN: 5120-590-0073

P/N:

Fed. Code:

Requirement Origin

Maintenance Function

A means to tighten and determine the torque applied to mounting bolts on:

12-1280-15.10

-18.2

-19.3

12-1283-3.1

12-1284-26.8

-34.6

-32.2

-35.9

-35.10

-36.13

-37.15

12-1289-37.2

-36.6

-42.15

-40.9

-40.10

-41.13

-45.2

-48.8

12-4075-

-69.9

Generator, lower end
Multiplying linkage fasteners

Motor Generator Shock Mounts, 1/2 inc. cap screws

Transistor Cooler Sub-Assembly

Semi-conductor Device Set

Power Transformer

Filter Choke

Filter Capacitor

Semi-Conduct or Device Set

Transformer, Power

Semi-Conduct or Device Set

Filter Choke

Filter Capacitor

Resistor

Cooler Assembly Transistor

Clutch Fingers

I-1282-(1)

A means of tightening bolts and connectors on batteries
(160-300 in. lbs)

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FSC: <u>Wrench, Torque</u> D2-6951: T.O.: <u>Torque Wrench</u> Manufacturer: Quantity: <u>2</u> Item Description/Remarks:		FSN: P/N: Fed. Code:
Use Figure A 4258		
Requirement Origin 36A9-8-40-1 35D3-11-25-1	Maintenance Function Torque 5/8 in. bolts to 90 ft. lb. Install cylinder head bolts	

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FSC: Wrench, Torque
 D2-6951: Multiplier Torque with Anchors 
 T.O.: _____
 Manufacturer: _____
 Quantity: 2
 Item Description/Remarks:

VSN: 5120-221-7745
 P/N: _____
 Fed. Code: _____

1. Mil. Spec. MIL-H-4034A, Type I, Size 4
2. 3/4" drive; 1200 in lbs to 4800 in lbs.

 Also: Torque Wrench

Requirement Origin

36A9-8-40-1
 35D3-11-25-1
 I-1282-(1)

Maintenance Function

Torque 3/4" bolt to 150 feet lbs.
 Install engine (100 ft. lbs. to 200 ft. lbs.)
 Torque bolts and nuts of shock mounts (170 $\pm$ 10 ft lbs,
 245 $\pm$ 15 ft. lbs)



851

FSC: <u>Wrench, Torque</u>		FSN: 5120-545-9075
D2-6951: <u>Wrench, Torque, Hand</u>		P/N:
T.O.:		Fed. Code:
Manufacturer:		
Quantity: <u>5</u>		
Item Description/Remarks:		

1. MIL Spec. MIL-E-4034 A Type I, Size 5
2. 1" drive, 300 ft. lb. to 2000 ft. lb.
3. L handle style w/T-handle adapter, sq. drive

Requirement Origin	Maintenance Function
11-1211-101.3	A means of checking the torque (1000 ft. lbs. max.) applied to mounting hardware on:
11-1212-111.3	Valve, Blast, 8-Inch
	Valve, Blast, 24-Inch
11-4075-63.5	Rear Wheel Bearings on T.E.
12-4054-7.6	Torque bolts on adjustment plate to pylon to 5000-8000 in lbs.

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FSC:

D2-6951:

T.O.:

Manufacturer:

Quantity:

Item Description/Remarks:

FBN:

P/N:

Fed. Code:

55729



Consists of

2 1/2" Socket - 1 1/2 inch square drive - P/N IM305

42" Ratchet Wrench - 1 1/2 inch square drive - P/N L-78

Requirement Origin

Maintenance Function

4.0(25-22294)-4.15.5
-4.20.2

Level Missile to position for removal
Level receiver ring to position for missile emplacement
and verify readiness of base adapter ring locks

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Non-Figure A Equipment for Maintenance Vehicles

Explanation of flag note appearing in Federal Stock Number Column:

▷ Use item listed in D2-13961 Section I.

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MAINTENANCE TRUCK LOADING

NON-FIGURE A EQUIPMENT REQUIREMENTS

The following items are to be supplied by the Air Force. Provisions for transporting these items will be included in Figure A's as noted below.

Figure A					Nomenclature	Federal Stock Number, Mfr. Part No. Mfr. and Recommended Quantities
4024	4062	4063	4061	4520		
X			X		Bar, Pry	△
			X		Barrel, 50 Gallon, with Dolly	↕
			X		Barrel, 55 Gallon	△
X	X	X	X	X	Belt, Safety, Industrial	△
			X		Bolt Holder	△
X					Broom	↕
		X			Brush, Soft Bristles	△
		X			Brush, Wire Rotary Wheel	↕
		X			Bulb, Squeeze	△
		X	X		Cap, Coaxial Connector	↕
		X			Caps, Electrical Plug	△
			X		Cell, Dry, D-Type	↕
			X		Chalk Dust	△
X	X	X	X	X	Cleaner, Vacuum	△
		X			Cloth, Soft	△
		X			Comparator, Color, Chlorine	↕
		X			Comparator, Color, Phosphate	△
		X			Container Protective Alarm Control	↕
		X			Alarm-Monitor Panel	△
		X			Arming and Status Panel	△

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MAINTENANCE TRUCK LOADING

NON-FIGURE A EQUIPMENT REQUIREMENTS

The following items are to be supplied by the Air Force. Provisions for transporting these items will be included in Figure A's as noted below.

Figure A					Nomenclature	Federal Stock Number, Mfr. Part No. Mfr. and Recommended Quantities
4024	4062	4063	4061	4520		
		x			Container Protective (Control)	
			x		Audible Alarm Assembly	
		x			Communications Panel	
		x			DC Power Filter	
		x			Launch Control Panel	
		x			Program Control Panel	
			x		Container Shipping	
				x	Safe and Arm Module	
			x		UHF Antenna Sleeve Assy	
		x			Wire Assembly	
		x	x		Container, Shipping and Storage	
				x	Battery Charger Unit	
			x		Container, Storage Battery	
			x		Container, Waste Liquid	
x					Cooler, Water, 36al.Cap	
		x			Cord, Assembly, Electrical	Part No. 8A, Stanley Insulating, Div. of Landers, Frary, and Clark (78522); Qty: 1 per Truck
			x		Cord, Cotton, Waxed	
		x			Cord, Extension, 400 feet	
		x			Cord, Lacing	
			x		Cotton Waste	
		x	x		Cover, Electrical Connector	
x			x		Cover, Umbilical	
			x		Cradle, Ballistic Actuator Assy.	

MAINTENANCE TRUCK LOADING

NON-FIGURE A EQUIPMENT REQUIREMENTS

The following items are to be supplied by the Air Force. Provisions for transporting these items will be included in Figure A's as noted below.

Figure A				Nomenclature	Federal Stock Number, Mfr. Part No. Mfr. and Recommended Quantities
4024	4062	4063	4520		
			x	Cradle, Ballistic Gas Generator	△
			x x	Crimping Tool, Terminal, Hand	△
			x	Cutter, Tubing	△
			x	Detector, Air Leak	△
x				Dispenser, Paper Cup	FSN 4510-289-8118 (BP) Quantity: 1 per truck
			x	Drill, Electric, Portable	△
x				Driver Bit, Hi-Torque Bolt	△
			x	Extension Cord (100 ft.)	△
			x x	Extractor - Inserter Tool	△
			x	Fiberglas Repair Kit	△
			x	Filler and Bleeder, Hydraulic	△
x				Fire Extinguisher, 10 lb. dry with bracket	FSN 4210-679-2662 Qty: 2 each FSN 4210-822-8658 per Truck
x				First Aid Kit	FSN 6545-664-5312 (BP) Qty: 1 per Truck
			x	Gages, Feeler	△
			x	Gloves, Rubber	△
			x	Goggles, Safety	△
			x	Grinder, Portable, Electric	△
			x	Grease, Terminal	△

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NON-FIGURE A EQUIPMENT REQUIREMENTS

The following items are to be supplied by the Air Force. Provisions for transporting these items will be included in Figure A's as noted below.

Figure A				Nomenclature	Federal Stock Number, Mfr. Part No., Mfr. and Recommended Quantities
4024	4062	4063	4031	4520	
			x	Grip, Cable	△
			x	Gun, Cleaning, Air	↑
			x	Gun, Grease, Portable	↓
x				Hard Hat	△
			x	Hose, Rubber, Water	↑
			x	Hydrometer, Battery	↓
			x	Hydrometer, Ethylene Glycol	△
			x	Jack Set, Hydraulic, Hand	△
			x	Kit, Lubrication	↑
			x	Ladder, 18 foot	↓
			x x	Ladder, Extension	△
			x x x	Ladder, Step, 8 foot	↑
				Ladder, Step, 12 foot	↓
			x x	Lamp, Cap	△
x	x	x	x x	Lantern, Electric	↑
			x	Lead, Electrical Ground	↓
			x	Light, Trouble	△
			x	Load, Dummy, Electric, Portable	Use Fig. A 4167
			x	Magnet, Bar, Permanent	△

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MAINTENANCE TRUCK LOADING

NON-FIGURE A EQUIPMENT REQUIREMENTS

The following items are to be supplied by the Air Force. Provisions for transporting these items will be included in Figure A's as noted below.

Figure A					Nomenclature	Federal Stock Number, Mfr. Part No. Mfr. and Recommended Quantities
4024	4062	4063	4061	4520		
			x		Mastic, Plastic	
			x		Meter, Air Velocity	△
			x		Nut Runner and Screwdriver	△
			x		Pail, 5 gallon	△
			x		Pin, Locating	△
			x		Placard, Warning	→
			x		Plank, 2x12x120	→
			x		Pliers, Retaining Ring	△
			x		Plug, Tubing	△
			x		Plumb Bob	△
x					Polyethylene Sheet	PSN 9330-579-6489 (BP) Quantity: Exp.
			x		Ramp, Portable	△
			x		Ramp Set, Loading	→
			x		Reel, Unbilical Cables	→
		x	x	x	Rope, Manila	→
			x		Rope, Wire	→
x					Rubber Sheet	△

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MAINTENANCE TRUCK LOADING

NON-FIGURE A EQUIPMENT REQUIREMENTS

The following items are to be supplied by the Air Force. Provisions for transporting these items will be included in Figure A's as noted below.

Figure A					Nomenclature	Federal Stock Number, Mfr. Part No. Mfr. and Recommended Quantities
4024	4062	4063	4061	4920		
		x			Shims	△
x		x			Shovel, L.H. Round Point	△
x		x			Shovel, L.H. Square Point	△
			x		Sling Set	FSN 3940-725-9186 Quantity: 3
			x		Soldering Equipment	△
x		x			Stepladder, Aluminum	△
			x		Stopwatch	△
x	x	x	x	x	Strap, Safety Industrial	△
x					Tag Lines	△
		x			Tape, Fish Steel	△
			x		Tape, Measuring	△
			x		Thermometer, Self Indicating	△
x		x	x		Tie Line Tool	△
x					Tool Box, Mechanics	△
			x		Torch, Cutting	△
			x		Truck, Hand	△

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MAINTENANCE TRUCK LOADING

NON-FIGURE A EQUIPMENT REQUIREMENTS

The following items are to be supplied by the Air Force. Provisions for transporting these items will be included in Figure A's as noted below.

Figure A					Nomenclature	Federal Stock Number, Mfr. Part No. Mfr. and Recommended Quantities
4024	4062	4063	4031	4520		
			x		Welding Equipment, Acetylene	▽
			x		Welding Equipment, Arc	▽
		x			Wrench, Set Strap	Use Figure A 4386
		x			Wrench, Long Handle	▽
		x			Wrench, Torque	▽

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MAINTENANCE TRUCK LOADING

NON-FIGURE A EQUIPMENT REQUIREMENTS

The following items are to be supplied by the Air Force. Provisions for these items will be included in Figure A's as noted below

Figure A	NOMENCLATURE	Federal Stock Number, Mfr. Part No. Mfr. & Recommended Quantities
4403		
X	Compressed Gas Cylinder	
X	Tracer Gas Cylinder	
X	Common Hand Tools	
X	Floodlights Portable	
X	Soldering Equipment	
X	Tape, Measure, 100 feet	
X	Shovel	
X	Stepladder, 6 feet	

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MAINTENANCE TRUCK LOADING

NON-FIGURE A EQUIPMENT REQUIREMENTS

The following items are to be supplied by the Air Force. Provisions for transporting these items will be included in:

TRUCK, CARGO(3/4Ton) PSN 2320-580-2955

NOMENCLATURE	Federal Stock Number, Mfr. Part No. Mfr. & Recommended Quantities
Compressed Gas Cylinder Tracer Gas Cylinder Common Hand Tools Shovel Soldering Equipment Tape, Measure, 100 feet Fire Extinguisher Soap Solution Pail Brush	

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MAINTENANCE TRUCK LOADING

NON-FIGURE A EQUIPMENT REQUIREMENTS

The following items are to be supplied by the Air Force. Provisions for transporting these items will be included in:

TRAILER, CARGO (3/4 ton) PSN 2330-738-9509

NOMENCLATURE	Federal Stock Number, Mfr. Part No. Mfr. and Recommended Quantities
Splicer Tent Heater Portable Fire Extinguisher Rags Pails Brushes Soap Solution White Gasoline Expandable Hose Clamp Hand Wire Stripper Flaring Tools Saw Lead Plate Compound #250 Pure Gas Sealant Elastomer Rubber Cement Gulf Endurance Oil #45 Manila Rope	

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**Furniture, Machinery and Miscellaneous Non-Figure A
Equipment For SMSB**

Explanation of flag notes appearing in the remarks column of SMSB Equipment List

- 1 Item and quantity established during work sessions for Wing III Preliminary Maintenance Loading Review, September 13-14, 1962, Reference 6, page 1.4
- 2 Item per D2-6385, Reference 1, page 1.4 and quantity per work sessions for Wing III Preliminary Maintenance Loading Review, September 13-14, 1962, Reference 6, page 1.4
- 3 Item and quantity per D2-6385, Reference 1, page 1.4
- 4 Item and quantity per Letter 2-6510-01/CIV-69, dated August 2, 1962, Boeing to STL, Subject: "WS-133A; Action Items from Code Handling Meeting, May 15-16, 1962."
- 5 Item identified in Section I of D2-13961
- 6 Item established as a result of Communications and Electronics Preliminary Maintenance Reloading Review March 7 - 8, 1963

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Facility: MECHANICAL SHOP D2-6385 Reference:			
Nomenclature	Fed. Stock No. or Mfg./Fig. Part No.	Quantity	D2-13961 Page No. and/or Remarks
Cabinet, Storage	7125-286-7344	3	3
Back, Plate and Bar	7125-491-0639	1	3
Back, Storage			
Shelving, Initial Unit	Fed. Prisons, Ind.	2	2
Shelving, Additional Unit	26-5-32857-258	2	2
Back, Lathe Chuck		1	3 Use Stand, Machinist
Note Bin	7125-264-4911	1	3
Stand, Machinist	4910-756-0934	1	3
Stool, Shop	7110-205-1669	3	3
Table, Layout	7195-205-0099	2	3
Table, Welding	3436-204-3139	1	3 3 3
Table, Work			
Awil, 24 inch	5210-618-4918	1	3
Bending Brake, 6 ft., Hand	3441-190-3296	1	3
Cleaner, Vacuum			
Drill, Elect. Port. 1/2 inch	5130-293-1846	1	3 3
Drill, Elect., Port. 1/2 inch	5130-293-1849	1	3
Drill Press, Floor Mounted	4940-274-3027	1	3

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Facility: MECHANICAL SHOP (CONTINUED) D2-6385 Reference:			
Nomenclature	Fed. Stock No. or Mfg./Mfg. Part No.	Quantity	D2-13961 Page No. and/or Remarks
Degreaser	4940-274-3027	1	3
Grinder, Elect. Port.	5130-293-0282	1	1
Grinder, Pedestal	3419-223-1982	1	3
Hydraulic Press, Band	3444-254-2121	1	3
Backsaw, Power	3419-729-3917	1	3
Jack, Hydraulic, 4 Ton	4910-294-4283	1	3
Lathe, Machine, 60 inch	3416-186-4060	1	3 84 inch lathe
Quenching Tank	4940-141-8075	1	3
Rivet Squeezer Set	5130-507-0659	2	1
Scrap Tub	7240-205-3366	1	3
Shield, Port., Welder	3419-509-5779	2	1
Sheet Metal Repair Kit			5 5
Sanding Tool			1 1
Shear, Band, 6 ft.	3445-263-0079	1	3
Truck, Floor, Non-Tilt, Platform	3920-554-0070	2	3
Truck, Band Shelf	3920-141-7230	4	1
Truck, Lift, Platform	Economy Engineering Chicago, Ill; W-54	1	1
Vise, Swivel, 6 inch Jaw	5120-223-1945	1	1

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Facility: MECHANICAL SHOP, (CONTINUED) D2-6385 Reference:			
Nomenclature	Fed. Stock No. or Mfg./Mfg. Part No.	Quantity	D2-13961 Page No. and/or Remarks
Vice, Swivel, 4 inch Jaw	5120-293-1439	2	1
Wheel Puller	5120-319-5300	1	3 3 3 5
Welder, Arc, Portable			
Welder, Oxy-Acetylene			

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Facility: REFRIGERATION SHOP D2-6385 Reference:			
Nomenclature	Fed. Stock No. or Mfg. Part No.	Quantity	D2-13961 Page No. and/or Remarks
Cabinet, Storage	7125-286-7344	1	3
Stool, Shop	7110-205-1669	1	2
Table, Work			5
Cylinder, Freon	8120-268-3351	4	1 Freon 22
Dolly	3920-141-7215	1	3
Injector, Compressor Oil			5
Jug, Vacuum			5
Kit, Tool Sledge	See Remarks	1	1 Imperial Reas Co., Chicago, Ill; 195-8
Key, Socket Head Screw			5
Meter, Air Velocity			3
Manometer			5
Oven Thermal drying	4430-541-4635	1	3
Plug and Dead Head Set			5
Refrigeration Repair Kit	5180-596-1474	1	1
Tool Kit, Thermostat Service		1	Use Common Hand Tools
Thermometer, Set			5
Tensionmeter, Dial Indicating			5

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Facility: REFRIGERATION SHOP, (CONTINUED) D2-6385 Reference:			
Nomenclature	Fed. Stock No. or Mfg./Mfg. Part No.	Quantity	D2-13961 Page No. and/or Remarks
Thermocouple, Iron Constantan			1 1 3
Vise, Swivel, 6 inch Jaw	5120-223-1945	1	1 1 3
Water Bath, Electric	6640-438-2240	1	1 1 3
Welder, Oxy-Acetylene			1 1 3

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Facility: ELECTRICAL SHOP D2-6385 Reference:			
Nomenclature	Fed. Stock No. or Mfg./Mfg. Part No.	Quantity	D2-13961 Page No. and/or Remarks
Cabinet, Storage	7125-286-7344	1	3
Back, Storage		2	3
Shelving, Initial Unit	Fed. Pyramids Ind	2	1
Shelving, Additional Unit	26-5-32857-258	2	1
Boto Bin	7125-264-4911	1	3
Stool, Shop	7110-205-1669	4	3
Table, Work			3 5
Cleaner, Vacuum			1 5
Drill, Elect. Port. 1/4 in.	5130-293-1846	2	1
Drill Press, Floor Mounted	3413-222-2135	1	3
Scrap Tub	7240-205-3366	1	1
Soldering Gun			
Soldering Iron		1	1 5
Truck, Non-Tilt, Platform	3920-554-0070	2	3
Truck, Hand Shelf	3920-141-7230	4	1
Truck, Lift, Platform			
Vise, Swivel, 4 inch Jaw	Economy Engineering Chicago, Ill; W-54 5120-293-1439		1 1000LB Cap, 5 in to 54 in Lift

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Facility: SPECIAL PURPOSE VEHICLE MAINTENANCE FACILITY D2-6385 Reference:			
Nomenclature	Fed. Stock No. or Mfg./Mfg. Part No.	Quantity	D2-13961 Page No. and/or Remarks
Cabinet, Storage	7125-286-7344	1	3
Rack, Storage		4	1
Shelving, Initial Unit	Fed. Prisons Ind.	2	1
Shelving, Additional Unit	26-5-32857-258	2	1
Stool, Shop	7110-205-1669	2	1
Table, Work			3 5
Crepper	4910-585-8274	1	1 5
Crane, Mobile			1 5
Jack, Hydraulic, 30 Tons	5120-222-1313	2	3
Magna Flux	6635-490-2621	1	3
Scaffold, Portable			3 5
Truck, Dolly, Barrel Type			1 5
Truck, Forklift			1 5
Vise, Swivel, 6 inch Jaw	5120-223-1945	2	1

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Facility: ELECTRICAL/MECHANICAL MAINTENANCE SHOP OFFICE D2-6385 Reference:			
Nomenclature	Fed. Stock No. or Mfg./Mfg. Part No.	Quantity	D2-13961 Page No. and/or Remarks
Bookcase Section	7110-262-6649	10	1
Bookcase Top	7110-262-6673	2	1
Bookcase Base	7110-262-6681	2	1
Cabinet, Storage	7125-286-7344	1	1
Chair	7110-264-5341	2	1
Desk	7110-753-6350	2	1
File Cabinet	7110-280-3798	3	1

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Facility: VEHICLE DISPATCH FACILITY
D2-6395 Reference:

Nomenclature	Fed. Stock No. or Mfg./Mfg. Part No.	Quantity	D2-13961 Page No. and/or Remarks
Chair	7110-264-5341	1	1
Desk	7110-753-6350	1	1
File Cabinet	7110-280-3798	1	1

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Facility: MATERIAL CONTROL FACILITY D2-6385 Reference:			
Nomenclature	Fed. Stock No. or Mfg. Part No.	Quantity	D2-13961 Page No. and/or Remarks
Cabinet, Storage	7125-886-7344	1	2
Chair	7110-864-5341	1	3
Desk	7110-753-6350	1	3
File Cabinet	7110-880-3798	1	3
Back, Storage Shelving, Initial Unit	Fed Prisoners Ind. 26-5-32857-258	40	1
Shelving, Additional Unit		4	1
Step Ladder, 4 ft.	5440-514-4483	36	1
Stamping Kit	5110-829-0002	1	1
		1	1

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Facility: HANDLING EQUIPMENT STORAGE FACILITY D2-6385 Reference:			
Nomenclature	Fed. Stock No. or Mfg./Mfg. Part No.	Quantity	D2-13961 Page No. and/or Remarks
Back, Storage Shelving, Initial Unit Shelving, Additional Unit	Fed. Prisoners Ind. 26-5-32857-258	15 3 12	2

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Facility: MAINTENANCE CREW TOOL STORAGE FACILITY D2-6395 Reference:			
Nomenclature	Fed. Stock No. or Mfg./Mfg. Part No.	Quantity	D2-13961 Page No. and/or Remarks
Back, Storage Shelving, Initial Unit Shelving, Additional Unit	Fed. Prisoners Ind. 26-5-32857-258	20 4 16	△△△

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Facility: ELECTRONIC MAINTENANCE FACILITY D2-6385 Reference:			
omenclature	Fed. Stock No. or Mfg./Mfg. Part No.	Quantity	D2-13961 Page No. and/or Remarks
Cabinet, Storage			
Back, Storage			
Shelving, Initial Unit	Fed. Prisons Ind. 26-5-32857-258	4	2
Shelving, Additional Unit		1	3
Steel, Shop	7110-205-1669	3	4
Table, Work		4	5
Drill, Elec. Port. $\frac{1}{2}$ "	5130-293-1846	2	6
Soldering Gun			7
Soldering Iron			8
Vise, Swivel, $\frac{1}{2}$ " Jaw	5120-293-1430	1	9
Truck, Hand Shelf	3920-141-7230	2	10

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Facility: ENCODER-DECODER FACILITY D2-6385 Reference:			
Nomenclature	Fed. Stock No. or Mfg./Mfg. Part No.	Quantity	D2-13961 Page No. and/or Remarks
Cabinet	7125-132-6581	3	4
Cabinet	7125-702-9345	1	4
Cabinet	7125-132-6139	1	4
Chair	7110-864-5341	1	5
Desk	7110-753-6350	1	5
Safe	7110-663-6362	1	4
Stool, Shop	7110-205-1669	2	2
Table, Work			2
Shielded Room	Acc Engr. & Mech. Co. R-521	1	5

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Facility: COMMUNICATIONS MAINTENANCE FACILITY
D2-6385 References:

omenclature	Fed. Stock No. or Mfg./Mfg. Part No.	Quantity	D2-13961 Page No. and/or Remarks
Cabinet, Storage	7125-286-7344	1	3
Stool, Shop	7119-285-1669	2	3
Table, Work			1
Vise, Swivel, 4 in. Jaw	5120-293-1439	1	1

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Facility: COMMUNICATIONS MAINTENANCE FACILITY
D2-6385 References:

Designation	Fed. Stock No. or Mfg. Part No.	Quantity	D2-13961 Page No. and/or Remarks
Cabinet, Storage	7125-206-7344	1	3
Steel, Shop	7110-203-1669	2	3
Table, Work			1
Vices, Swivel, 4 in. Jaw	5120-293-1439	1	1

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Facility: TEST EQUIPMENT REPAIR FACILITY
D2-6385 Reference:

Nomenclature	Fed. Stock No. or Mfg./Mfg. Part No.	Quantity	D2-13961 Page No. and/or Remarks
Cabinet, Storage	7125-286-7344	14	
Stool, Shop	7110-205-1669	14	
Table, Work			

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Facility: ELECTRONICS MAINTENANCE OFFICE
D2-6385 Reference:

Designation	Fed. Stock No. or Mfg./Mfg. Part No.	Quantity	D2-13961 Page No. and/or Remarks
Recess, Section	7110-262-6649	10	1
Recess, Top	7110-262-6673	2	1
Recess, Base	7110-262-6681	2	1
Cabinet, Storage	7125-286-7344	1	1
Chair	7110-264-5341	2	1
Desk	7110-753-6350	2	1
File Cabinet	7110-280-3798	3	1

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Facility: ELECTRONIC MATERIAL CONTROL FACILITY
D2-6385 Reference:

Nomenclature	Fed. Stock No. or Mfg./Mfg. Part No.	Quantity	D2-13961 Page No. and/or Remarks
Chair	7110-264-5341	1	2
Desk	7110-753-6350	1	2
File Cabinet	7110-280-3798	1	2
Desk, Storage Shelving, Initial Unit	Fed. Prisoners Ind. 26-5-32857-258	100	2
Shelving, Additional Unit		10	2
Step Ladder, 4 Ft.	5440-514-4483	90	2
		1	1

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Facility: Communication Shop			
Nomenclature	Fed. Stock No. or Mfg./Mfg. Part No.	Quantity	D2-13961 Page No. and/or Remarks
Table, Work	—	1	MIL-B-4173 (Type and Class to be determined by Air Force using agency) 

