

AD-A111 325

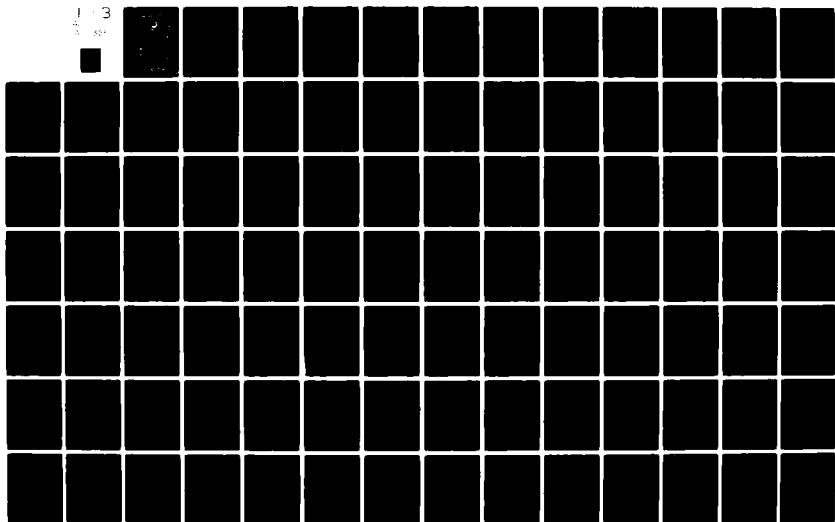
AIR FORCE OCCUPATIONAL MEASUREMENT CENTER RANDOLPH AFB TX F/8 5/9
TRAINING EXTRACT, AFSC 431X1. TACTICAL AIRCRAFT MAINTENANCE. (U)
JAN 82

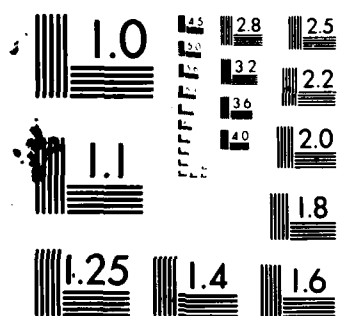
UNCLASSIFIED

NL

1-3

1-3





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

AD A111325

DTIC
ELECTION
FEB 23 1982
H



UNITED STATES AIR FORCE

TRAINING EXTRACT
AFSC 431X1
TACTICAL AIRCRAFT MAINTENANCE
AFPT 90-431-371
JANUARY 1982

OCCUPATIONAL SURVEY BRANCH
USAF OCCUPATIONAL MEASUREMENT CENTER
RANDOLPH AFB TEXAS 76100



DTIC FILE COPY

Approved for public release
Distribution Unlimited

82 02 22 084

TABLE OF CONTENTS

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

TOC PAGE 1

REPORT NUMBER	REPORT ID	REPORT TITLE	PAGE NUMBER
1	TOC	TABLE OF CONTENTS	1
2	PCP600	STS 431X1 MATCHED WITH OCCUPATIONAL SURVEY DATA	2
3	PCP601	STS 431X1 FIRST-TERM AIRCRAFT GROUP COMPARISON	63
4	PCP602	STS 431X1 FIRST-TERM AIRCRAFT GROUP COMPARISON	124
5	PCP603	POI 340A431X1/22 MATCHED WITH 431X1 SURVEY DATA	135

APB 431X1 Training Extract

Data presented in this 431X1 Training Extract provide information on TAVMS and DAMEC groups within the 431X1 Tactical Aircraft Maintenance specialty. Each printout (PCP) presents percent numbers performing data along with task difficulty (TD) and training emphasis (TE) ratings for tasks matched to either STS 431X1 items or POI 340A431X1/22 objectives. Tasks are displayed within each STS item or POI objective in descending order of first-term training emphasis to help identify functional areas which experienced 43171 technicians agree should be included in structured training programs for first-term 431X1 airmen.

PCPs 601 and 602 display aircraft-specific percent numbers performing data to use in identifying both common and aircraft-specific training requirements. These first enlistment aircraft groups include 431X1 Flightline, Inspection, and Specialized Maintenance personnel, but do not contain information on incumbents whose primary job involves performing Repowered AOE, bench stock, tool room, -21 support equipment, administrative, or transient maintenance functions. By excluding personnel in the above work areas, these data provide more relevant task information for each aircraft system. 

STS 431X1 MATCHED WITH OCCUPATIONAL SURVEY DATA

STS 431X1, TACTICAL AIRCRAFT MAINTENANCE (DATED APR 1981), IS PRESENTED BELOW WITH MATCHED JOB INVENTORY TASKS AND OCCUPATIONAL SURVEY DATA FOR SELECTED TAFMS AND OAFSC GROUPS.

USE OF STS FACDOT PRINTOUTS: STS ITEMS ARE LISTED BETWEEN THE DOTTED LINES. WITH MATCHED TASKS LISTED BELOW AND SURVEY DATA PRINTED TO THE RIGHT OF EACH TASK. JOB INVENTORY TASKS TO BE EMPHASIZED WITHIN EACH STS AREA CAN BE IDENTIFIED USING THIS PRINTOUT. IN ADDITION, TASKS WHICH WERE NOT MATCHED WITH STS ITEMS ARE LISTED IN THE "TASKS NOT REFERENCED" SECTION IN DESCENDING ORDER OF FIRST-TERM 431X1 TRAINING EMPHASIS RATINGS. THESE TASKS CAN BE USED TO IDENTIFY NEW AREAS WHICH MAY WARRANT INCLUSION IN FUTURE STS'S. FOR A MORE DETAILED EXPLANATION OF TRAINING EMPHASIS AND TASK DIFFICULTY RATINGS, SEE THE NARRATIVE OCCUPATIONAL SURVEY REPORT OR 431X1 TRAINING REPORT, OR FOR ASSISTANCE PHONE USHPMC/OWYO AT AUTOVON 487-5811.

VECTOR TYPE CODES:

- (T) = 1 TIME SPENT BY ALL MEMBERS
- (M) = 2 MEMBERS PERFORMING
- (P) = 3 TASK FACTOR
- (D) = DICHOTOMOUS SET
- (B) = 2 TIME SPENT BY MEMBERS PERFORMING
- (-1) = PROGRAM GENERATED VECTOR

NO TYPE VECTOR MEAN SD DESCRIPTION

1	D	X1	72	1.00	1.00	AFSC 431X1 TRAINING EMPHASIS RATINGS
2	M	15TJ08	710			431X1 AIRMEN WITH 1-24 MOS AFMS
3	M	15TJ08	1809			431X1 AIRMEN WITH 1-28 MOS AFMS
4	M	431 51	1956			ALL 43151 AIRMEN IN SAMPLE
5	M	431 71	1043			ALL 43171 AIRMEN IN SAMPLE
6	F	X1	70	5.00	1.00	AFSC 431X1 TASK DIFFICULTY RATINGS

Accession For	NTIS GRA&I	☒
DTIC TAB		☐
Unannounced		☐
Precedence for		
more docu.		
By		
Dist		
Available for	COPIES	
Dist	1	
A		



STS 431X1 MATCHED WITH OCCUPATIONAL SURVEY DATA

STS 431X1, TACTICAL AIRCRAFT MAINTENANCE (DATED APR 1981), IS PRESENTED BELOW WITH MATCHED JOB INVENTORY TASKS AND OCCUPATIONAL SURVEY DATA FOR SELECTED TAFMS AND DAFSC GROUPS.

USE OF STS FACPRY PRINTOUTS: STS ITEMS ARE LISTED BETWEEN THE DOTTED LINES, WITH MATCHED TASKS LISTED BELOW AND SURVEY DATA PRINTED TO THE RIGHT OF EACH TASK. JOB INVENTORY TASKS TO BE EMPHASIZED WITHIN EACH STS AREA CAN BE IDENTIFIED USING THIS PRINTOUT. IN ADDITION, TASKS WHICH WERE NOT MATCHED WITH STS ITEMS ARE LISTED IN THE "TASKS NOT REFERENCED" SECTION IN DESCENDING ORDER OF FIRST-TERM 431X1 TRAINING EMPHASIS RATINGS. THESE TASKS CAN BE USED TO IDENTIFY NEW AREAS WHICH MAY WARRANT INCLUSION IN FUTURE STS'S. FOR A MORE DETAILED EXPLANATION OF TRAINING EMPHASIS AND TASK DIFFICULTY RATINGS, SEE THE NARRATIVE OCCUPATIONAL SURVEY REPORT OR 431X1 TRAINING REPORT, OR FOR ASSISTANCE PHONE USFPMO/OMVO AT KUTOWEN 987-5811.

0 TSK	TITLES	X1	1ST	1ST	431	431	X1
		YE	JOB	ENC	53	71	YU
		400	(M)	(M)	(M)	(M)	(F)

000 STS 431X1, TACTICAL AIRCRAFT MAINTENANCE
SPECIALTY IMPDC TOOL

001 1. CAREER LADDER PROGRESSION

002 2. SECURITY

003 24. COMMUNICATIONS SECURITY (CONSEC) 0 20 3C

004 25. OPERATIONS SECURITY TOP SEC

005 3. AF OCCUPATIONAL SAFETY AND HEALTH
TAPORT PROGRAM

ST5 43121 MATCHED WITH OCCUPATIONAL SURVEY DATA

0 754 7775

FCP600 PAGE 4

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

X1	15T	15T	431	431	71
TC	JOB	EML	51	71	70
400	(M)	(M)	(M)	(M)	(F)

006 3A. APPLY SAFETY PRECAUTIONS WHEN USING 20/10 SC 4C
TOOLS AND EQUIPMENT, SERVICING AIRCRAFT
SYSTEMS, AND PERFORMING AIRCRAFT
MAINTENANCE

1 431 POSITION AEROSPACE GROUND EQUIPMENT (ASE) TO AIRCRAFT 6.08 71.7 70.8 68.1 41.6 3.07

007 3D. PRACTICE HOUSEKEEPING CONSISTENT WITH 20/10 SC 4C
SAFETY OF PERSONNEL AND EQUIPMENT

008 3C. NUCLEAR SAFETY/NUCLEAR SAFETY
REGULATIONS

M 302 WFLAND OR DOWNWARD MOVEMENTS 0.38 1.7 2.0 2.1 1.1 6.18

009 3D. APPLY SAFETY PRECAUTIONS PERTAINING
TO THE FOLLOWING:

010 3011). ENGINE AIR INTAKE AND EXHAUST 20/A SC 4C

011 3012). HIGH INTENSITY SOUND 20 SC 4C

012 3013). PROPELLER AND TURBINE PLANE OF
ROTATION 20/B SC 4C

013 3014). ANTENNA RADIATION 20/B SC 4C

STS 431X1 MATCHED WITH OCCUPATIONAL SURVEY DATA

FCPOOD PAGE 5

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

D TSM	TITLES	X1 TE AD	157 J08 (M)	157 EHL (M)	431 51 (M)	431 71 (M)	X1 TO (P)
014	3015). GROUND HANDLING OF AIRCRAFT	28/8	4C	4C			
I 010	NORMAL AIRCRAFT	7.15	76.2	73.4	70.0	80.5	3.03
I 005	GROUND AIRCRAFT	6.96	79.2	77.2	74.8	89.6	1.88
M 306	REMOVE OR INSTALL SAFETY DEVICES, SUCH AS BERT PINS OR SEAR LOCKS	6.17	65.7	61.1	58.9	38.6	3.13
I 431	POSITION AIRSPACE GROUND EQUIPMENT INERT TO AIRCRAFT	6.08	71.7	70.8	68.1	41.6	5.07
015	3016). AIRCRAFT CONTAINING LIVE AMMUNITION AND EXPLOSIVE MATERIAL	28/-	3C	4C			
M 299	PREPARE AIRCRAFT FOR REMEDIATIONS LOADING OR UNLOADING	1.05	5.8	6.0	6.5	8.0	4.46
M 302	UNLOAD OR DOWNGROUND AMMUNITIONS	0.38	1.7	2.0	2.1	1.1	6.18
016	3017). FOREIGN OBJECT DAMAGE (FOD)	3C/18	3C	4C			
017	3E17). INSPECT FIRE EXTINGUISHERS	28/18	3C	4C			
018	3E12). POSITION FIRE EXTINGUISHERS	28/18	3C	4C			
019	3E13). OPERATE FIRE EXTINGUISHERS	3C/18	4C	4C			
I 400	STAND FIREGUARD	6.20	60.6	63.2	62.4	36.3	1.91
020	4C. MAINTENANCE DIRECTIVES AND REFERENCES						
021	4A. TECH ORDER (701) SYSTEM	B	B	C			
P 107	MAINTAIN TECHNICAL ORDER FILES	3.58	3.5	8.0	9.7	20.8	5.55
B 37	DIRECT MAINTENANCE OF PUBLICATION LIBRARIES	0.91	1.4	2.0	3.0	8.7	5.86

D TSK TITLES

X1 1ST 1ST X1 431 X1
YE JOB EML 51 71 YD
AD (M) (M) (M) (F)

022 40. AIR FORCE MANUALS AND REGULATIONS 8/- 0 C

F 105 MAINTAIN STANDARD AIR FORCE PUBLICATIONS, REGULATIONS, OR
MANUALS 2.44 4.5 5.6 6.8 19.0 5.22

023 4C. USE TECHNICAL PUBLICATIONS 28/10 3C 4C

M 377 RESEARCH TECHNICAL PUBLICATIONS 4.75 21.7 26.1 27.1 28.0 5.44

024 40. USE STANDARD PUBLICATIONS 18/- 3C 4C

025 4E. UPDATE AIRCRAFT MAINTENANCE MANUALS 29/- 4C 4C

026 4P. INITIATE TECHNICAL ORDER IMPROVEMENT 5/- 20 3C
REPORT

E 171 AMINOTATE TECHNICAL UNDER SYSTEM PUBLICATION IMPROVEMENT 3.52 3.0 4.9 6.4 20.8 5.34
REPORT AND REPLY FORMS (AFIO FORM 22)

C 84 INITIATE UNSATISFACTORY REPORTS 1.24 1.1 1.8 3.4 17.2 5.83

027 5. SUPERVISION AND TRAINING

028 5A. SUPERVISION

D 109 COUNSEL TRAINEES ON TRAINING PROGRESS

C 93 PREPARE MPH-9 3.70 3.4 7.4 13.6 40.6 5.14

B 48 ORIENT NEWLY ASSIGNED PERSONNEL 3.73 1.4 5.1 16.9 57.2 6.57

A 3 DETERMINE WORK PRIORITIES 3.35 16.5 26.2 33.3 58.2 4.23

D 107 CONDUCT SAFETY TRAINING 3.08 11.8 20.0 27.5 62.8 4.97

B 94 SUPERVISE APPRENTICE TACTICAL AIRCRAFT MAINTENANCE
SPECIALISTS (AFSC 43131)

A 9 DEVELOP WORK METHODS OR PROCEDURES 2.49 6.8 12.5 18.1 32.9 5.96

B 42 IMPLEMENT SAFETY PROGRAMS 2.18 8.7 11.1 12.5 32.3 6.17

D 108 CONDUCT SECURITY TRAINING 2.16 2.7 2.8 4.6 22.9 5.45

B 56 SUPERVISE PERSONNEL WITH AFSCS OTHER THAN 431X1 OR 431X2 1.89 2.0 2.8 3.4 13.9 5.36

B 56 SUPERVISE PERSONNEL WITH AFSCS OTHER THAN 431X1 OR 431X2 1.74 2.4 5.3 7.7 29.7 6.04

875 431K1 MATCHED WITH OCCUPATIONAL SURVEY DATA

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

FCP400 PAGE 7

D TSM	TITLES	X1	157	157	431	431	X1
		TE	JOB	ENL	SI	TC	
		#00	(M)	(M)	(M)	(F)	
A 27	PREPARE WORK ASSIGNMENTS	1.72	2.3	6.4	10.9	45.2	4.83
B 97	INTERPRET POLICIES, DIRECTIVES, OR PROCEDURES FOR SUBORDINATES	1.71	3.5	6.2	11.4	45.7	5.50
B 34	COUNSEL PERSONNEL ON PERSONAL OR MILITARY RELATED MATTERS	1.70	2.1	5.5	12.1	56.1	6.34
C 67	EVALUATE INDIVIDUALS FOR RECOGNITION	1.67	1.1	2.9	5.9	36.9	5.66
B 57	SUPERVISE TACTICAL AIRCRAFT MAINTENANCE SPECIALISTS (AFSC 43151)	1.66	2.8	7.5	14.2	47.1	5.36
B 45	IMPLEMENT SUGGESTION PROGRAMS	1.63	2.4	2.5	3.4	12.2	4.49
C 92	PERFORM SELF-INSPECTIONS	1.61	9.2	10.1	11.7	32.2	5.52
C 98	PERFORM INSPECTION PROCEDURES	1.48	3.8	4.4	6.6	32.8	5.36
A 11	ESTABLISH MAINTENANCE PROCEDURES	1.45	6.6	8.2	8.8	22.2	6.72
B 30	ASSIGN PERSONNEL TO DUTY POSITIONS	1.42	1.8	6.5	11.1	43.1	6.32
C 97	PREPARE REPLIES TO INSPECTION REPORTS	1.41	2.4	3.2	4.6	29.5	5.89
A 15	ESTABLISH WORK SCHEDULES	1.41	3.7	5.5	8.2	43.0	4.89
B 43	IMPLEMENT SECURITY PROGRAMS	1.36	2.0	2.2	3.3	13.3	5.76
A 10	ESTABLISH INSPECTION PROCEDURES	1.33	7.2	8.0	9.2	18.8	6.91
B 41	IMPLEMENT QUALITY CONTROL STANDARDS	1.30	2.3	2.7	4.1	19.6	5.90
B 44	IMPLEMENT SELF-INSPECTION PROGRAMS	1.28	3.0	3.4	4.3	22.7	5.38
C 64	EVALUATE COMPLIANCE WITH PERFORMANCE STANDARDS	1.28	2.3	2.8	5.5	29.4	5.52
C 13	INFORMAL PERFORMANCE REPORTS (AFSC 43151)	1.22	1.1	2.5	7.5	40.2	5.34
A 35	ESTABLISH PERFORMANCE STANDARDS	1.18	3.0	3.4	4.5	16.5	6.35
C 76	PREPARE RECOMMENDATIONS FOR AWARDS OR DECORATIONS	1.16	1.1	1.2	3.1	31.5	7.18
B 30	DIRECT MAINTENANCE ON UTILIZATION OF EQUIPMENT OR SUPPLIES	1.07	3.5	4.8	6.9	28.4	5.46
C 66	EVALUATE INDIVIDUALS FOR PROMOTION, DEMOTION, OR RECLASSIFICATION	1.02	1.1	1.7	4.2	27.8	6.27
C 60	EVANATE INSPECTION REPORTS ON PROCEDURES	1.02	2.1	3.0	4.1	28.7	5.79
C 60	ANALYZE WORKLOAD REQUIREMENTS	1.02	3.5	5.5	7.4	28.4	5.96
A 6	DEVELOP INSPECTION SCHEDULES	.92	3.9	4.7	5.7	14.3	5.86
B 39	DIRECT MAINTENANCE ON UTILIZATION OF FACILITIES OR WORK AREAS	.71	2.7	4.0	6.1	20.2	5.09
A 20	SECURE TEMPORARY DUTY, LEAVES, OR PASSES	.66	1.8	2.2	4.4	34.0	4.26
A 2	DETERMINE REQUIREMENTS FOR SPACE, PERSONNEL, EQUIPMENT, OR SUPPLIES	.61	3.2	6.9	8.8	29.1	6.23
B 40	IMPLEMENT COST REDUCTION PROGRAMS	.57	1.4	1.4	1.7	7.2	6.15
B 55	SUPERVISE CIVILIAN PERSONNEL	.51	1.0	1.7	2.0	6.2	6.49
B 58	SUPERVISE TACTICAL AIRCRAFT MAINTENANCE TECHNICIANS (AFSC 43171)	.36	.8	1.2	1.9	32.9	5.29
B 46	INITIATE PERSONNEL ACTION REQUESTS	.33	2.3	2.4	2.8	12.4	4.82
C 94	PREPARE CIVILIAN PERFORMANCE RATINGS OR SUPERVISORY APPRAISALS	.24	1.3	1.1	1.3	3.1	6.43
B 53	SUPERVISE APPRENTICE AIRCRAFT/BOMBARDMENT AIRCRAFT MAINTENANCE SPECIALISTS (AFSC 43152)	.20	1.4	1.5	1.6	2.7	6.44
D 103	ASSIGN COURSE INSTRUCTORS	.14	1.3	1.1	1.1	3.3	5.22
B 51	SUPERVISE AIRCRAFT/BOMBARDMENT AIRCRAFT MAINTENANCE SPECIALISTS (AFSC 43162)	.08	1.0	1.1	1.3	4.1	6.50
B 52	SUPERVISE AIRCRAFT/BOMBARDMENT AIRCRAFT MAINTENANCE TECHNICIANS (AFSC 43172)	.03	.7	.8	.9	3.1	6.48

ST5 431X1 MATCHED WITH OCCUPATIONAL SURVEY DATA

FCP600 PAGE 8

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

D TSM	TITLES	X1	YE	NO.	1ST JOB (M)	1ST EML (M)	431 (M)	431 (M)	51 TO (M)	71 (M)	X1 TO (F)

029 58. TRAINING

D 105	CONDUCT GJT	1.91	10.4	28.5	12.2	15.6	5.52				
D 121	MAINTAIN TRAINING RECORDS, CHARTS, OR GRAPHS	3.48	3.7	5.7	11.0	36.0	5.49				
D 117	EVALUATE GJT TRAINERS ON REQUIREMENTS	2.83	2.5	5.5	8.4	31.3	5.95				
D 110	DETERMINE GJT TRAINING REQUIREMENTS	2.09	1.8	4.3	6.9	25.2	5.66				
D 119	EVALUATE TRAINING PROGRESS OF STUDENTS	2.05	2.3	4.3	7.5	25.2	5.46				
E 373	ANNOTATE TRAINING REQUEST AND TRAINING COMPLETION NOTIFICATION FORMS (AF FORM 2420)	2.03	2.3	3.8	5.5	23.8	4.12				
D 122	PLAN GJT	1.45	1.4	2.8	4.9	12.8	5.95				
D 116	DIRECT OR IMPLEMENT GJT PROGRAMS	1.35	1.8	2.5	4.2	14.1	6.22				
D 118	EVALUATE TRAINING METHODS OR TECHNIQUES	1.29	2.4	2.8	3.8	15.4	6.11				
D 109	ASSIGN ON-THE-JOB TRAINING (OJT) TRAINERS	1.23	2.4	2.8	4.2	30.1	4.74				
D 113	DEVELOP TRAINING AIDS	1.00	1.4	1.9	2.6	8.6	6.30				
D 120	MAINTAIN STUDY REFERENCE FILES	.88	1.7	1.9	1.9	7.9	5.07				
D 116	EVALUATE INSTRUCTOR PERFORMANCE	.75	2.3	1.6	1.7	5.8	6.50				
D 115	DIRECT OR IMPLEMENT TRAINING PROGRAMS OTHER THAN GJT	.73	1.3	1.8	1.8	12.3	6.27				
D 121	SELECT INDIVIDUALS FOR SPECIALIZED TRAINING	.61	1.4	1.3	1.6	9.7	5.40				
D 128	WRITE TEST QUESTIONS	.50	1.3	1.2	1.4	8.8	7.13				
D 126	SCORE TESTS	.48	1.1	1.1	1.9	6.6	3.81				
C 102	ADMINISTER TESTS	.48	1.7	1.7	2.3	7.4	4.28				
D 125	PROCURE TRAINING AIDS, SPACE, OR EQUIPMENT	.38	1.1	1.4	2.2	7.4	5.95				

030 6. MAINTENANCE MANAGEMENT

E 132	ANNOTATE MAINTENANCE PREPLAN FORMS (AF FORM 2406)	3.97	4.6	9.3	12.0	22.4	3.96				
E 199	MAINTAIN TOOL CRIBS	2.76	10.0	11.9	12.3	13.1	5.28				
E 196	MAINTAIN BENCHMARK PARTS OR EQUIPMENT LEVELS	2.50	7.3	9.2	10.4	11.9	4.88				
F 106	MAINTAIN STATUS BOARDS, GRAPHS, OR CHARTS	2.22	5.2	9.0	13.0	38.8	4.36				
C 70	EVALUATE MAINTENANCE DATA COLLECTION (INDC) REPORTS	1.93	3.4	4.1	5.7	27.3	5.58				
E 202	VERIFY ONE-IN FROM MAINTENANCE (IDPH) DOCUMENT LISTINGS (R-26)	1.83	5.2	5.6	7.5	20.3	4.91				
F 178	MAINTAIN EQUIPMENT OR AIRCRAFT STATUS REPORTS	1.72	16.8	13.9	13.7	21.7	5.00				
F 108	MAINTAIN TIME COMPLIANCE TECHNICAL ORDER (TCIO) REQUIREMENTS	1.58	10.3	10.2	10.2	10.9	5.60				
F 169	MAINTAIN VEHICLE CONTROL LOGS	1.50	6.2	7.5	8.7	13.1	4.49				
C 75	EVALUATE SAFETY PROGRAMS	1.30	1.5	1.9	2.8	13.9	5.69				
C 65	EVALUATE EMERGENCY PROCEDURES	1.24	2.0	2.6	3.8	15.1	5.72				
E 163	ANNOTATE ROUTING AND REVIEW OF QUALITY CONTROL REPORTS FORMS (AF FORM 2419)	1.22	1.9	1.8	2.2	23.2	4.52				
E 197	MAINTAIN DAILY DOCUMENT REGISTER AND ITEM SURVEILLANCE LISTS (DOR)	1.18	2.7	3.5	4.8	16.0	4.65				
A 9	DEVELOP EQUIPMENT UTILIZATION OR MAINTENANCE SCHEDULES	1.07	4.1	6.6	8.0	20.5	5.46				
F 163	MAINTAIN PRECISION MEASUREMENT EQUIPMENT (PME) CALIBRATION SCHEDULES	1.00	2.8	3.4	3.7	8.1	4.81				
C 89	PERFORM PERSONNEL PROFICIENCY EVALUATIONS	.97	1.1	1.7	3.7	19.6	5.00				
C 83	EVALUATE USE OF WORKSPACE-EQUIPMENT, OR SUPPLIES	.94	2.1	3.0	4.3	19.8	5.40				
E 204	VERIFY SUPPLY DUEOUT LISTINGS (R-35)	.93	2.3	2.5	3.4	11.8	4.81				

DTM	TITLE	X1	Y1	Y2	Y3	Y4	Y5	Y6	Y7	Y8	Y9	Y10	Y11	Y12	Y13	Y14	Y15	Y16	Y17	Y18	Y19	Y20	Y21	Y22	Y23	Y24	Y25	Y26	Y27	Y28	Y29	Y30	Y31	Y32	Y33	Y34	Y35	Y36	Y37	Y38	Y39	Y40	Y41	Y42	Y43	Y44	Y45	Y46	Y47	Y48	Y49	Y50	Y51	Y52	Y53	Y54	Y55	Y56	Y57	Y58	Y59	Y60	Y61	Y62	Y63	Y64	Y65	Y66	Y67	Y68	Y69	Y70	Y71	Y72	Y73	Y74	Y75	Y76	Y77	Y78	Y79	Y80	Y81	Y82	Y83	Y84	Y85	Y86	Y87	Y88	Y89	Y90	Y91	Y92	Y93	Y94	Y95	Y96	Y97	Y98	Y99	Y100	Y101	Y102	Y103	Y104	Y105	Y106	Y107	Y108	Y109	Y110	Y111	Y112	Y113	Y114	Y115	Y116	Y117	Y118	Y119	Y120	Y121	Y122	Y123	Y124	Y125	Y126	Y127	Y128	Y129	Y130	Y131	Y132	Y133	Y134	Y135	Y136	Y137	Y138	Y139	Y140	Y141	Y142	Y143	Y144	Y145	Y146	Y147	Y148	Y149	Y150	Y151	Y152	Y153	Y154	Y155	Y156	Y157	Y158	Y159	Y160	Y161	Y162	Y163	Y164	Y165	Y166	Y167	Y168	Y169	Y170	Y171	Y172	Y173	Y174	Y175	Y176	Y177	Y178	Y179	Y180	Y181	Y182	Y183	Y184	Y185	Y186	Y187	Y188	Y189	Y190	Y191	Y192	Y193	Y194	Y195	Y196	Y197	Y198	Y199	Y200	Y201	Y202	Y203	Y204	Y205	Y206	Y207	Y208	Y209	Y210	Y211	Y212	Y213	Y214	Y215	Y216	Y217	Y218	Y219	Y220	Y221	Y222	Y223	Y224	Y225	Y226	Y227	Y228	Y229	Y230	Y231	Y232	Y233	Y234	Y235	Y236	Y237	Y238	Y239	Y240	Y241	Y242	Y243	Y244	Y245	Y246	Y247	Y248	Y249	Y250	Y251	Y252	Y253	Y254	Y255	Y256	Y257	Y258	Y259	Y260	Y261	Y262	Y263	Y264	Y265	Y266	Y267	Y268	Y269	Y270	Y271	Y272	Y273	Y274	Y275	Y276	Y277	Y278	Y279	Y280	Y281	Y282	Y283	Y284	Y285	Y286	Y287	Y288	Y289	Y290	Y291	Y292	Y293	Y294	Y295	Y296	Y297	Y298	Y299	Y300	Y301	Y302	Y303	Y304	Y305	Y306	Y307	Y308	Y309	Y310	Y311	Y312	Y313	Y314	Y315	Y316	Y317	Y318	Y319	Y320	Y321	Y322	Y323	Y324	Y325	Y326	Y327	Y328	Y329	Y330	Y331	Y332	Y333	Y334	Y335	Y336	Y337	Y338	Y339	Y340	Y341	Y342	Y343	Y344	Y345	Y346	Y347	Y348	Y349	Y350	Y351	Y352	Y353	Y354	Y355	Y356	Y357	Y358	Y359	Y360	Y361	Y362	Y363	Y364	Y365	Y366	Y367	Y368	Y369	Y370	Y371	Y372	Y373	Y374	Y375	Y376	Y377	Y378	Y379	Y380	Y381	Y382	Y383	Y384	Y385	Y386	Y387	Y388	Y389	Y390	Y391	Y392	Y393	Y394	Y395	Y396	Y397	Y398	Y399	Y400	Y401	Y402	Y403	Y404	Y405	Y406	Y407	Y408	Y409	Y410	Y411	Y412	Y413	Y414	Y415	Y416	Y417	Y418	Y419	Y420	Y421	Y422	Y423	Y424	Y425	Y426	Y427	Y428	Y429	Y430	Y431	Y432	Y433	Y434	Y435	Y436	Y437	Y438	Y439	Y440	Y441	Y442	Y443	Y444	Y445	Y446	Y447	Y448	Y449	Y450	Y451	Y452	Y453	Y454	Y455	Y456	Y457	Y458	Y459	Y460	Y461	Y462	Y463	Y464	Y465	Y466	Y467	Y468	Y469	Y470	Y471	Y472	Y473	Y474	Y475	Y476	Y477	Y478	Y479	Y480	Y481	Y482	Y483	Y484	Y485	Y486	Y487	Y488	Y489	Y490	Y491	Y492	Y493	Y494	Y495	Y496	Y497	Y498	Y499	Y500	Y501	Y502	Y503	Y504	Y505	Y506	Y507	Y508	Y509	Y510	Y511	Y512	Y513	Y514	Y515	Y516	Y517	Y518	Y519	Y520	Y521	Y522	Y523	Y524	Y525	Y526	Y527	Y528	Y529	Y530	Y531	Y532	Y533	Y534	Y535	Y536	Y537	Y538	Y539	Y540	Y541	Y542	Y543	Y544	Y545	Y546	Y547	Y548	Y549	Y550	Y551	Y552	Y553	Y554	Y555	Y556	Y557	Y558	Y559	Y560	Y561	Y562	Y563	Y564	Y565	Y566	Y567	Y568	Y569	Y570	Y571	Y572	Y573	Y574	Y575	Y576	Y577	Y578	Y579	Y580	Y581	Y582	Y583	Y584	Y585	Y586	Y587	Y588	Y589	Y590	Y591	Y592	Y593	Y594	Y595	Y596	Y597	Y598	Y599	Y600	Y601	Y602	Y603	Y604	Y605	Y606	Y607	Y608	Y609	Y610	Y611	Y612	Y613	Y614	Y615	Y616	Y617	Y618	Y619	Y620	Y621	Y622	Y623	Y624	Y625	Y626	Y627	Y628	Y629	Y630	Y631	Y632	Y633	Y634	Y635	Y636	Y637	Y638	Y639	Y640	Y641	Y642	Y643	Y644	Y645	Y646	Y647	Y648	Y649	Y650	Y651	Y652	Y653	Y654	Y655	Y656	Y657	Y658	Y659	Y660	Y661	Y662	Y663	Y664	Y665	Y666	Y667	Y668	Y669	Y670	Y671	Y672	Y673	Y674	Y675	Y676	Y677	Y678	Y679	Y680	Y681	Y682	Y683	Y684	Y685	Y686	Y687	Y688	Y689	Y690	Y691	Y692	Y693	Y694	Y695	Y696	Y697	Y698	Y699	Y700	Y701	Y702	Y703	Y704	Y705	Y706	Y707	Y708	Y709	Y710	Y711	Y712	Y713	Y714	Y715	Y716	Y717	Y718	Y719	Y720	Y721	Y722	Y723	Y724	Y725	Y726	Y727	Y728	Y729	Y730	Y731	Y732	Y733	Y734	Y735	Y736	Y737	Y738	Y739	Y740	Y741	Y742	Y743	Y744	Y745	Y746	Y747	Y748	Y749	Y750	Y751	Y752	Y753	Y754	Y755	Y756	Y757	Y758	Y759	Y760	Y761	Y762	Y763	Y764	Y765	Y766	Y767	Y768	Y769	Y770	Y771	Y772	Y773	Y774	Y775	Y776	Y777	Y778	Y779	Y780	Y781	Y782	Y783	Y784	Y785	Y786	Y787	Y788	Y789	Y790	Y791	Y792	Y793	Y794	Y795	Y796	Y797	Y798	Y799	Y800	Y801	Y802	Y803	Y804	Y805	Y806	Y807	Y808	Y809	Y810	Y811	Y812	Y813	Y814	Y815	Y816	Y817	Y818	Y819	Y820	Y821	Y822	Y823	Y824	Y825	Y826	Y827	Y828	Y829	Y830	Y831	Y832	Y833	Y834	Y835	Y836	Y837	Y838	Y839	Y840	Y841	Y842	Y843	Y844	Y845	Y846	Y847	Y848	Y849	Y850	Y851	Y852	Y853	Y854	Y855	Y856	Y857	Y858	Y859	Y860	Y861	Y862	Y863	Y864	Y865	Y866	Y867	Y868	Y869	Y870	Y871	Y872	Y873	Y874	Y875	Y876	Y877	Y878	Y879	Y880	Y881	Y882	Y883	Y884	Y885	Y886	Y887	Y888	Y889	Y890	Y891	Y892	Y893	Y894	Y895	Y896	Y897	Y898	Y899	Y900	Y901	Y902	Y903	Y904	Y905	Y906	Y907	Y908	Y909	Y910	Y911	Y912	Y913	Y914	Y915	Y916	Y917	Y918	Y919	Y920	Y921	Y922	Y923	Y924	Y925	Y926	Y927	Y928	Y929	Y930	Y931	Y932	Y933	Y934	Y935	Y936	Y937	Y938	Y939	Y940	Y941	Y942	Y943	Y944	Y945	Y946	Y947	Y948	Y949	Y950	Y951	Y952	Y953	Y954	Y955	Y956	Y957	Y958	Y959	Y960	Y961	Y962	Y963	Y964	Y965	Y966	Y967	Y968	Y969	Y970	Y971	Y972	Y973	Y974	Y975	Y976	Y977	Y978	Y979	Y980	Y981	Y982	Y983	Y984	Y985	Y986	Y987	Y988	Y989	Y990	Y991	Y992	Y993	Y994	Y995	Y996	Y997	Y998	Y999	Y1000
-----	-------	----	----	----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	-------

D TSM TITLES

031 7. MAINTENANCE AND INSPECTION SYSTEMS AND FORMS

032 7A. MAINTENANCE SYSTEMS B/A B C

033 7B. INSPECTION SYSTEMS B/A B C

E 145 ANNOTATE DANGER FORMS (AF FORM 1492)
E 174 ANNOTATE UNSERVICEABLE (CONDEMNED) TAG MATERIAL FORMS (DD FORM 1577)
E 175 ANNOTATE UNSERVICEABLE (REPAIRABLE) TAG MATERIAL FORMS (DD FORM 1577-2)
E 184 ANNOTATE SERVICEABLE TAG MATERIAL FORMS (DD FORM 1574)

034 7C. USE MAINTENANCE DATA COLLECTION FORMS 20/10 3C 3C

E 150 ANNOTATE MAINTENANCE DATA COLLECTION RECORD FORMS (AF TO FORM 349)
E 161 ANNOTATE REPAIRABLE ITEM PROCESSING TAG FORMS (AF TO FORM 350)
C 99 REVIEW MAINTENANCE DATA ON EQUIPMENT RECORD FORMS
C 100 VERIFY MAINTENANCE MANAGEMENT INFORMATION AND CONTROL SYSTEM (MTCST) SPECIAL CERTIFICATION/INSPECTION LISTINGS

035 7D. MATERIAL DEFICIENCY REPORTING SYSTEM A/- B C

F 193 PREPARE MATERIAL DEFICIENCY REPORTS

036 8. MAINTENANCE MATERIAL AND TOOLS

037 9. RESPONSIBILITIES FOR SUPPLIES

X1 157 431 431 X2
7E JOB ENL 51 71 TD
D (H) (M) (F)

3.32 5.0 7.3 0.0 29.2 4.31
2.92 7.7 10.9 13.6 28.7 3.99
2.35 7.2 11.1 13.7 22.5 3.98
2.15 5.0 9.0 11.8 19.1 4.08

7.23 36.9 59.3 62.1 58.1 4.23
6.02 48.6 51.6 53.3 47.1 3.97
2.56 12.0 14.2 17.1 39.7 4.94
1.08 1.7 2.2 3.7 24.8 5.56

1.05 2.5 2.2 2.4 8.1 6.31

STS 431X1 MATCHED WITH OCCUPATIONAL SURVEY DATA

D TSK TITLES

036 9A. MAINTENANCE SUPPLY CONCEPT A/- B B

4.01	8.3	13.2	16.0	32.0	3.97
2.12	5.1	7.4	8.7	12.2	5.09

E 108 ANNOTATE SUPPLY CONTROL LOG FORMS (AF FORM 2413)

G 201 RESEARCH SUPPLY PUBLICATIONS

039 9B. CRITICAL ITEM LIST A/- B B

3.17	3.0	3.0	4.4	17.4	4.81
------	-----	-----	-----	------	------

G 203 VERIFY PRIORITY MONITOR REPORTS (D-18)

DND 9C. OBTAIN INFORMATION FOR SPECIAL REQUISITION, ISSUE, AND TURN-IN SLIPS

E 147 ANNOTATE ISSUE/TURN IN REQUEST FORMS (AF FORM 2003)

E 172 ANNOTATE TEMPORARY ISSUE RECEIPT FORMS (AF FORM 1297)

E 174 ANNOTATE CUSTODIAN REQUEST/RECEIPT FORMS (AF FORM 60187)

E 155 ANNOTATE NON-NSN REQUISITION (MANUAL) FORMS

E 162 ANNOTATE REQUISITION AND INVOICE/SHIPPING DOCUMENT FORMS

100 FORM 1300-01

100 FORM 11077

041 9D. PREPARE EQUIPMENT AUTHORIZATION LIST - 28

042 9E. STATEMENT OF CHARGES

043 9F. REPORT OF SURVEY

044 9G. PREPARE REPAIRABLE OR SERVICEABLE PARTS FOR TURN-IN

C 61 CERTIFY STATUS OF REPAIRABLE, SERVICEABLE, OR CONDEMNED PARTS

2.49	9.6	12.2	15.0	33.1	5.26
------	-----	------	------	------	------

STS 431X1 MATCHED WITH OCCUPATIONAL SURVEY DATA

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

D 134 TITLES

045 10. AIRCRAFT GENERAL

046 10A. PREPARE AND USE AIRCRAFT AND SUPPORTING MAINTENANCE RECORDS

FCP400 PAGE	12	X1	15T	15T	431	431	X1
		TE	JOB	EML	51	71	TO
		00a	(M)	(M)	(M)	(M)	(F)
E 135 ANNOTATE AFTO FORM 781X-AEROSPACE VEHICLE INSPECTION/TIME DATA, CALENDAR ITEM INSP. & DELAY DISCREPANCY DOCUMENT	7.24	61.1	85.8	66.3	55.1	3.93	
E 135 ANNOTATE AEROSPACE VEHICLE FLIGHT STATUS AND MAINTENANCE DOCUMENT FORMS (AFTO FORM 781M)	7.17	57.8	81.4	62.8	53.7	3.92	
E 135 ANNOTATE MAINTENANCE DISCREPANCY AND WORK DOCUMENT FORMS (AFTO FORM 781A)	7.14	53.0	56.2	57.8	58.1	4.03	
E 135 ANNOTATE AEROSPACE VEHICLE-ENGINE FLIGHT FORMS (AFTO FORM 781J)	6.38	48.0	51.8	53.2	44.2	3.75	
E 135 ANNOTATE AEROSPACE VEHICLE FLIGHT DATA DOCUMENT FORMS (AFTO FORM 781)	6.19	46.3	49.7	50.9	45.8	3.91	
E 132 ANNOTATE AEROSPACE VEHICLE FLIGHT REPORT AND MAINTENANCE DOCUMENT FORMS (AFTO FORM 781F)	5.19	35.9	33.8	33.4	27.5	3.88	
E 136 ANNOTATE AIRCRAFT MAINTENANCE CHECKSHEETS	4.44	18.7	23.3	25.8	29.0	4.00	
E 131 ANNOTATE CALENDAR AND HOURLY ITEM INSPECTION DOCUMENT FORMS (AFTO FORM 781D)	4.19	13.1	14.6	15.6	18.8	3.88	
E 129 ANNOTATE ACCESSORY REPLACEMENT DOCUMENT FORMS (AFTO FORM 781C)	1.97	10.7	9.0	8.3	6.0	4.30	
E 167 ANNOTATE SIGNIFICANT HISTORICAL DATA FORMS (AFTO FORM 95)	1.77	2.1	2.5	3.0	8.7	4.25	
E 130 ANNOTATE AEROSPACE VEHICLE DATA CARD FORMS (AFTO FORM 3597)	1.61	14.9	14.8	14.0	9.1	4.24	
E 140 ANNOTATE AVIONICS CONFIGURATION AND LOAD STATUS DOCUMENT FORMS (AFTO FORM 781C)	1.44	4.5	4.5	4.6	4.2	4.81	
E 139 ANNOTATE AIRPLANE WEIGHING RECORD FORMS (AFTO FORM 3658)	1.25	2.3	2.0	2.2	5.1	5.99	
E 142 ANNOTATE CHART A-BASIC WEIGHT CHECKLIST FORMS (AFTO FORM 365A)	1.016	1.7	1.9	2.3	5.0	5.38	
E 149 ANNOTATE J79 ENGINE RUN-UP RECORD FORMS (AFTO FORM 781M)	1.10	3.8	3.4	6.0	3.2	4.51	
E 143 ANNOTATE CHART C-BASIC WEIGHT AND BALANCE RECORD FORMS (AFTO FORM 365C)	1.04	1.5	1.6	1.9	4.9	5.58	
E 153 ANNOTATE MODULAR ENGINE TIME/CYCLE ACCUMULATION RECORD FORMS (AFTO FORM 95T)	1.03	4.8	3.8	4.0	2.6	4.47	
E 169 ANNOTATE SYSTEM/EQUIPMENT STATUS RECORD FORMS (AFTO FORM 2001)	.85	3.2	3.0	3.8	5.9	4.12	
E 136 ANNOTATE AIRCRAFT/MISSILE EQUIPMENT TRANSFER/SHIPPING LISTING FORMS (AFTO FORM 2052)	.73	1.8	1.8	2.0	3.5	4.97	
E 176 ANNOTATE WEIGHT AND BALANCE CLEARANCE FORM F FORMS (AFTO FORM 365F)	.62	1.4	1.5	1.7	4.0	5.72	
E 160 ANNOTATE RECORD OF WEIGHT AND BALANCE PERSONNEL FORMS (AFTO FORM 365)	.59	2.4	1.9	2.0	4.4	5.17	
E 134 ANNOTATE MSB SYSTEM DATA FORMS (AFTO FORM 494)	.08	1.1	.9	.8	.8	4.64	

STS 43121 MATCHED WITH OCCUPATIONAL SURVEY DATA

FCP600 PAGE 13 OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

O TSK TITLES

X1 157 157 X1
TE JOB EHL Y1
AD* (M) (M) (M) (F)

047 100. INVENTORY AIRCRAFT EQUIPMENT ON 10/- 3C 3C
AT FORM 2691

6 195 INVENTORY SUPPLIES, EQUIPMENT, OR TOOLS
0 842 INSPECT -21 SUPPORT EQUIPMENT

3.84 10.3 23.4 25.6 31.4 4.45
1.36 2.5 5.3 3.3 5.9 3.53

048 100. CORROSION CONTROL 0 C C

M 381 TREAT MINOR AIRCRAFT CORROSION

3.49 25.2 26.3 29.0 16.3 7.15

049 100. CLEAN AIRFRAME 20/B 3C 4C

M 228 CLEAN EXTERIOR SURFACES OF AIRCRAFT OTHER THAN TRANSPARENT SURFACES

3.44 60.6 57.4 33.3 17.2 3.32

M 230 CLEAN TRANSPARENT SURFACES

3.00 53.2 52.6 47.9 14.9 3.27

M 229 CLEAN INTERIOR OF AIRCRAFT, SUCH AS CREW COMPARTMENTS OR CARGO COMPARTMENTS

3.56 50.4 48.1 44.4 12.6 3.28

M 381 TREAT MINOR AIRCRAFT CORROSION

3.49 25.2 28.3 29.0 16.3 4.15

I 386 CLEAN ENGINE AIR INTAKE DUCTS

2.70 15.8 15.9 16.1 5.4 2.93

I 389 DECONTAMINATE AIRCRAFT

2.47 5.1 7.1 7.3 3.1 5.10

M 227 BRIGHTEN AIRCRAFT SURFACES

2.01 23.1 29.2 21.3 6.2 3.77

E 137 ANNOTATE AIRCRAFT/MISSILE EQUIPMENT PROPERTY RECORD FORMS
(AF FORM 2693)

.85 1.7 1.9 2.0 2.6 4.88

050 100. IDENTIFY PRESENCE OF CORROSION 20/B 3C 4C

M 381 TREAT MINOR AIRCRAFT CORROSION

3.49 25.2 28.3 29.0 16.3 4.15

051 100. PERFORM AIRCRAFT INSPECTIONS

052 100117: PHASED CONCEPT OF PRESENTATION, END 30 3C 4C
OF RUNWAY, THROUGH, BASIC POSTFLIGHT,
AND PHASED

STG 431X1 MATCHED WITH OCCUPATIONAL SURVEY DATA

FCP600 PAGE 14

OCCUPATIONAL ANALYSIS PROGRAM
USAFORC (ATC) RANDOLPH AFB TX

D ISK

TITLES

X1
YE
40*

157 157
JOB ENL
(M) (M)

431 431
53 71
(M) (M)

X1
TD
(F)

053 10P12). PERIODIC CONCEPT OF PREFLIGHT, END 3B 3C 4C
OF RUNWAY, THROUGH, BASIC POSTFLIGHT,
HOURLY POSTFLIGHT, AND PERIODIC

054 10P13). ISCHRONOME CONCEPT OF PREFLIGHT, 3B 3C 4C
END OF RUNWAY, THROUGH, HOME STATION
CHECK, MINOR, MAJOR, AND BASIC
POSTFLIGHT (MPO)

055 10P14). SUPPLEMENTAL INSPECTIONST
ACCEPTANCE, CALENDAR, SPECIAL, AND TIME
REPLACEMENT ITEM

056 10P. USE INTERPHONE
2B/1B 3C 4C

I 414 OPERATE AIRCRAFT RADIOS

057 10M. PERFORM GROUND HANDLING

I 403 GROUND AIRCRAFT

058 10M11). LAUNCH AIRCRAFT
2B/B 4C 4C

I 410 MARSHAL AIRCRAFT

I 420 PERFORM AIRCRAFT LAUNCH CHECKLIST PROCEDURES

M 311 REMOVE OR INSTRUCT AIRCRAFT PROTECTIVE COVERINGS

059 10M12). RECOVER AIRCRAFT
2B/B 4C 4C

I 410 MARSHAL AIRCRAFT

I 420 PERFORM AIRCRAFT RECOVERY CHECKLIST PROCEDURES

M 311 REMOVE OR INSTRUCT AIRCRAFT PROTECTIVE COVERINGS

2.99 13.0 20.0 24.3 22.0 4.39

8.94 79.2 77.2 74.8 88.6 1.88

7.15 76.2 73.4 70.0 80.5 1.03
6.48 65.9 64.6 61.5 29.6 4.46
4.70 49.9 49.0 48.4 28.1 2.62

7.19 76.2 73.4 70.0 80.5 3.03
6.39 62.5 60.8 57.7 27.1 4.61
4.70 49.9 49.0 48.4 28.1 2.62

0 TSH	TITLES	V1	TE	357	357	431	431	51	71	70	X1
		0		(M)	ENL	(M)	(M)	(M)	(M)	(F)	(F)
060	10M13). TOW AIRCRAFT										
061	10M13)TAL: TOW TEAM SUPERVISOR										
I 395	DIRECT TOWING OPERATIONS	6.40		49.2	57.2	60.7	50.3				4.60
062	10M13)TOL: TOW VEHICLE OPERATOR										
I 424	OPERATE TOW VEHICLES DURING AIRCRAFT TOWING OPERATIONS	6.28		30.8	40.8	46.7	43.9				4.45
063	10M13)CT: TOW ENGINE OPERATOR										
I 413	OPERATE AIRCRAFT COCKPIT CONTROLS DURING TOWING OPERATIONS	5.19		51.1	48.9	46.3	24.2				3.82
064	10M13)DT: WING/TAIL WALKER										
I 450	WALK WINGS OR TAIL DURING TOWING OPERATIONS	6.57		83.9	81.5	77.4	48.1				2.08
065	10M13)T: WING AIRCRAFT										
I 411	WING AIRCRAFT	4.94		33.2	30.8	29.9	16.0				3.21
066	10M13)T: JACK AND LEVEL AIRCRAFT										
I 405	JACK AIRCRAFT USING AXLE JACKS	6.86		74.4	69.0	65.2	39.1				3.43
I 406	JACK AIRCRAFT USING TRIPOD JACKS	6.73		77.6	73.9	69.8	43.3				4.28
I 407	LIFT AIRCRAFT BY AIR BAGS	1.05		4.4	4.2	4.6	4.1				6.85
I 420	OPERATE HYDRAULIC JACKING MATPLODS	7.77		5.1	4.8	4.8	3.0				5.02
067	10M13)TAL: JACKING SUPERVISOR										
I 394	DIRECT JACKING OPERATIONS	6.23		33.0	38.2	30.4	48.3				4.90

STS 433X1 MATCHED WITH OCCUPATIONAL SURVEY DATA

21 157 157 431 431 X1
TE JOB EML 51 71 YD
-D- (M) (M) (F)

D TSM TITLES

068 10M15(B). JACKING TEAM MEMBER 28/18 3C 4C

069 10M15T. UPLIFT BULKHEAD 28/18 3C 4C

M 313 REMOVE OR INSTALL BALLASTS 2.00 8.5 11.1 12.2 7.9 3.70

070 10M17T. DOWNWARD BALLAST 28/18 3C 4C

M 313 REMOVE OR INSTALL BALLASTS 2.00 8.5 11.1 12.2 7.9 3.70

071 11- AIRFRAME SYSTEMS

072 11A. AIRFRAME COMPONENTS AND CONSTRUCTION A B C

073 11B. PERFORM OPERATIONAL CHECK OF 28/18 3C 4C

OPERATIONAL DOORS

M 295 OPERATIONALLY CHECK RAT DOORS 1.24 10.7 14.8 15.0 8.1 4.10
M 295 OPERATIONALLY CHECK AIR DEFLECTOR DOORS .52 8.6 8.3 8.3 5.2 4.57
M 295 OPERATIONALLY CHECK BOMB BAY DOORS .45 7.0 6.6 6.3 3.6 4.54
M 292 OPERATIONALLY CHECK GUN-POUSE DOORS .21 1.3 1.8 1.8 1.2 4.33
M 294 OPERATIONALLY CHECK PHOTOFLASH DOORS .20 2.0 2.1 1.8 .9 4.65

074 11C17. REMOVE AIRFRAME COMPONENTS SUCH AS 28/18 4C
COMLINGS, PANELS, DOORS, RADOMES, AND
APT SECTIONS

M 310 REMOVE OR INSTALL AIRCRAFT HARDWARE, SUCH AS SCREWS
OR FASTENERS 6.25 74.0 73.1 70.0 39.7 2.83

M 303 REMOVE OR INSTALL ACCESS PANELS 6.07 76.8 74.2 71.3 41.6 2.89

M 373 REMOVE OR INSTALL WING TIPS 3.97 26.4 33.3 33.7 18.0 4.95

M 301 REMOVE OR INSTALL ACCESS DOOR OR HATCH LINGAGE OR LATCHING 3.51 30.8 32.6 33.0 17.8 4.91

M 347 REMOVE OR INSTALL RADOMES 2.61 21.7 26.8 28.1 16.1 4.79

STS 431X1 MATCHED WITH OCCUPATIONAL SURVEY DATA

	TE	1ST	1ST	431	431	X1
	DE	(M)	ENL	(M)	(F)	
0 TSK						
	2.52	22.1	24.0	24.3	12.7	5.99
	2.50	10.3	11.2	11.6	10.0	7.11
M 372 REMOVE OR INSTALL WING LEADING EDGES						
M 318 REMOVE OR INSTALL CANOPY LITRAGE OR LATCHING MECHANISM COMPONENTS						
M 307 REMOVE OR INSTALL APT SECTIONS	1.89	21.8	23.5	23.3	11.7	6.07
M 359 REMOVE OR INSTALL TAIL CONES	1.81	21.0	24.2	24.2	11.6	8.83
M 374 REMOVE OR INSTALL WING TRAILING EDGES	1.79	12.3	12.5	12.9	7.6	5.79
M 374 REMOVE OR INSTALL ENGINE COILINGS	1.74	15.5	14.2	14.6	9.9	4.19
M 918 REMOVE OR INSTALL ENGINE DOORS	1.91	16.3	21.1	22.3	12.9	5.01
M 330 REMOVE OR INSTALL DROGUTE DOORS	1.28	5.6	6.0	6.4	4.5	8.54
M 375 REMOVE OR INSTALL WINGS	1.17	7.0	9.7	10.7	5.9	4.88
M 346 REMOVE OR INSTALL BLOW-IN, SUCHER, OR FLIPPER DOORS	1.14	6.2	9.5	9.7	4.3	4.95
M 348 REMOVE OR INSTALL RAY DOORS	.92	8.3	8.8	8.8	8.3	5.28
M 928 REMOVE OR INSTALL AIR DEFLECTOR DOORS	.74	9.7	10.5	10.2	5.7	5.28
M 309 REMOVE OR INSTALL ARMOR PLATING	.80	4.8	4.1	4.3	3.2	3.56
M 372 REMOVE OR INSTALL WING FOLDS	.59	5.1	7.1	7.4	5.3	6.52
M 371 REMOVE OR INSTALL WING FOLD LATCHING MECHANISM COMPONENTS	.35	6.1	9.2	10.2	6.6	6.25
M 370 REMOVE OR INSTALL BOMB BAY DOORS	.34	3.2	3.4	3.3	1.2	5.51
M 315 REMOVE OR INSTALL GUN PORT DOORS	.25	1.8	2.0	2.2	1.6	4.98
M 330 REMOVE OR INSTALL PHOTOFLASH DOORS	.21	1.8	1.9	1.6	.5	5.16

079- 11C121- REMOVE NONEXPLOSIVE AIRCRAFT SEATS 287- 4C 4C

M 395 REMOVE OR INSTALL SEATS OTHER THAN EJECTION SEATS 1.19 13.7 12.3 11.8 6.8 1.87

076 11C131- REMOVE CANOPY AND WINDSHIELD 18/- 3C 4C

M 317 REMOVE OR INSTALL CANOPIES 2.95 12.7 15.1 15.1 11.2 6.58

M 309 REMOVE OR INSTALL WINDOWS OR WINDSHIELDS 2.85 18.3 19.0 18.9 11.3 6.83

077 11C141- REMOVE TRAVEL PODS 28/- 3C 4C

M 303 UPLOARD OR DOWNLOARD PODS 1.13 7.2 8.9 7.6 4.5 5.00

078 11D111- INSTALL AIRFRAME COMPONENTS SUCH AS COILINGS, PANELS, DOORS, REINFORCEMENT, AND APT SECTIONS 28/18 4C 4C

M 310 REMOVE OR INSTALL AIRCRAFT HARDWARE, SUCH AS SCREWS OR FASTENERS 6.25 78.9 73.1 70.0 39.7 2.83

OCCUPATIONAL ANALYSIS PROGRAM USAFOMC (ATC) RANDOLPH AFB TX

FCP600 PAGE 18

STS 431X1 MATCHED WITH OCCUPATIONAL SURVEY DATA

TITLES

D TSK

X1 1ST 1ST X1
TE JOB 51 71 X1
-D* (M) (M) (F)

M 303 REMOVE OR INSTALL ACCESS PANELS

M 373 REMOVE OR INSTALL WING TIPS

M 301 REMOVE OR INSTALL ACCESS DOOR OR HATCH LINKAGE OR LATCHING

MECHANISMS COMPONENTS

M 307 REMOVE OR INSTALL RADOMES

M 372 REMOVE OR INSTALL WING LANDING EDGES

M 316 REMOVE OR INSTALL CANOPY LINKAGE OR LATCHING MECHANISM

COMPONENTS

M 307 REMOVE OR INSTALL AFT SECTIONS

M 339 REMOVE OR INSTALL TAIL CONES

M 376 REMOVE OR INSTALL WING TRAILING EDGES

M 318 REMOVE OR INSTALL ENGINE COWLINGS

M 330 REMOVE OR INSTALL DRAGCHUTE DOORS

M 375 REMOVE OR INSTALL WINGS

M 346 REMOVE OR INSTALL RADOME COMPONENTS

M 348 REMOVE OR INSTALL TAIL DOORS

M 916 REMOVE OR INSTALL BLOW-IN, SUCKER, OR FLIPPER DOORS

M 309 REMOVE OR INSTALL AIR DEFLECTOR DOORS

M 312 REMOVE OR INSTALL ARMOR PLATING

M 371 REMOVE OR INSTALL WING FUELS

M 370 REMOVE OR INSTALL WING FOLD LATCHING MECHANISM COMPONENTS

M 315 REMOVE OR INSTALL BOMB BAY DOORS

M 338 REMOVE OR INSTALL BOMB PURGE DOORS

M 345 REMOVE OR INSTALL PHOTOFLASH DOORS

079 11D12). INSTALL NONEXPLOSIVE AIRCRAFT 28/- 4C 4C

SEATS

M 353 REMOVE OR INSTALL SEATS OTHER THAN EJECTION SEATS

080 11D13). INSTALL CANOPY AND WINDSHIELD 187/- 3C 4C

GLASS

M 317 REMOVE OR INSTALL CANOPIES

M 369 REMOVE OR INSTALL WINDOWS OR WINDSHIELDS

081 11D14). INSTALL TRAVEL POOLS

287/- 3C 4C

M 303 UPLOAD OR DOWNLOAD POOLS

6.07 76.8 74.2 71.3 41.6 2.89
3.97 26.8 33.5 33.9 18.0 4.95
3.51 30.8 32.6 33.0 17.8 4.91
2.61 21.7 26.8 28.1 16.1 4.79
2.92 22.1 24.8 24.3 12.7 5.99
2.50 10.3 11.2 11.6 10.0 7.11
1.89 21.8 23.5 23.3 11.7 6.07
1.81 21.0 24.2 24.2 11.6 4.83
1.74 12.5 12.5 12.9 7.6 5.79
1.74 15.5 14.2 14.6 4.9 4.19
1.41 16.5 21.1 22.3 12.9 5.01
1.28 5.6 8.0 6.4 4.3 8.34
1.17 7.0 9.7 10.7 5.9 4.88
1.14 6.2 9.5 9.7 4.3 4.95
1.92 8.3 8.8 8.6 4.8 5.28
1.74 9.7 10.3 10.2 5.7 5.28
1.60 4.8 4.1 4.3 3.2 3.56
1.54 5.1 7.1 7.4 5.3 6.52
1.55 6.1 9.2 10.2 6.6 6.25
1.34 3.2 3.4 3.3 1.2 5.31
1.25 1.8 2.0 2.2 1.6 4.94
1.21 1.8 1.9 1.6 1.5 5.16

1.19 13.7 12.3 11.8 6.6 3.87

2.95 12.7 15.1 15.1 11.2 6.58
2.85 16.3 19.0 18.9 11.3 6.63

1.13 7.2 8.9 9.6 4.5 5.00

D TSM

TITLES

X1 1ST 1ST X1
TE JOB ENL 51 71 YD
90a (M) (M) (M) (F)

082 11C. INSPECT AIRFRAME AND AIRFRAME 28/18 3C 4C

COMPONENTS

M 234 INSPECT ACCESS PANELS

M 239 INSPECT AIRFRAME STRUCTURES

M 238 INSPECT AIRCRAFT FOR CORROSION

M 233 INSPECT ACCESS DOORS OR HATCHES

M 263 INSPECT WINDOWS OR WINDSHIELDS

M 240 INSPECT ANTENNAS

M 253 INSPECT RADOMES

M 275 INSPECT ENGINE COOLING LATCHES

M 254 INSPECT RAT DOORS

M 264 INSPECT WING FOLD SYSTEMS

M 298 OPERATIONALLY CHECK WING FOLD SYSTEMS

M 249 INSPECT SUN PURGE DOORS

M 255 INSPECT RELIEF FACILITIES

M 252 INSPECT PHOTOFLASH DOORS

083 11F11). ADJUST OPERATIONAL DOORS 28/- 3C 3C

M 205 ADJUST ACCESS DOOR OR HATCH LATCHING OR LATCHING MECHANISMS

M 219 ADJUST MAIN AIR TURBINE (RAT) DOORS

M 200 ADJUST BOMB BAY DOOR LATCHING OR LATCHING MECHANISMS

M 216 ADJUST SUN PURGE DOORS

M 218 ADJUST PHOTOFLASH DOORS

084 11F12). ADJUST COUL FLAPS 28/- 3C 3C

085 12. LANDING GEAR SYSTEMS

086 12A. LANDING GEAR COMPONENTS AND SYSTEM A B C

OPERATION

087 12B11). PERFORM LANDING GEAR OPERATIONAL 28/18 3C 4C

CHECK

J 500 OPERATIONALLY CHECK LANDING GEAR INDICATOR SYSTEMS

6.56	80.7	77.1	74.2	56.6	3.81
6.90	65.4	65.5	63.9	47.4	5.05
5.90	65.5	64.0	61.5	37.7	4.92
5.35	65.5	63.8	61.7	41.0	4.14
4.54	58.7	56.6	53.5	34.9	4.16
4.30	35.9	33.1	30.6	27.0	4.31
3.80	49.6	48.8	48.2	38.5	3.94
1.48	12.3	11.9	12.8	12.3	3.81
1.35	13.1	17.1	17.4	11.1	4.15
1.12	19.4	22.1	23.7	17.6	4.88
1.01	19.0	21.0	21.5	12.8	4.35
.74	6.8	7.0	7.2	5.9	4.87
.72	9.3	9.0	9.1	5.5	3.72
.40	3.8	4.4	4.1	3.5	4.45

4.43	33.7	37.8	38.5	26.7	4.68
1.07	6.3	7.6	7.9	4.7	5.45
.86	3.5	3.3	3.6	2.5	5.82
.46	2.1	2.4	2.7	1.4	5.45
.29	2.0	1.9	1.9	1.0	5.26

3.84	22.1	25.9	27.1	20.0	4.58
------	------	------	------	------	------

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (AYC) RANDOLPH AFB TX

USAFONC (ATC) RANDOLPH AFB TX

SYS 431X1 MATCHED WITH OCCUPATIONAL SURVEY DATA

FCP600 PAGE 20

[illegible]

D TSK	TITLES	X1		1ST		331		X1	
		YE	40*	JOB	EAL	51	71	YD	IF)
1	400 OPERATIONALLY CHECK LANDING GEAR EXTENSION OR RETRACTION	3.52		21.4	26.4	27.0	23.0	5.21	

088	12B(2). PERFORM BRAKE OPERATIONAL CHECK	2B/1B 3C	4C

~~J 997 OPERATIONALLY CHECK BRAKE SYSTEMS~~

000	12B(3). PERFORM STEERING SYSTEM	20/10 3C	4C
000	OPERATIONAL CHECK		

J 503 OPERATIONALLY CHECK LANDING GEAR STEERING SYSTEMS	2.62	9.6	13.5	15.4	12.0	4.93
---	------	-----	------	------	------	------

090 120147: PERFORM ARRESTING GEAR
OPERATIONAL CHECK 28/10 3C 4C

553 2902 1015 9005 0012 2902 SN2LSLS NRZB ONLISZNRU N2BNJ AJ7AN02JAW3D0 946 R

001	128(S). PERFORM ANTI-SKID SYSTEM	28/B	3C	4C
	OPERATIONAL CHECK			

J 095 OPERATIONALLY CHECK ANTISKID SYSTEMS	1.47	7.0	9.1	9.9	7.6	5.17

260 26 01/82 4439 SMILEYANU, ZILVASC - 44324 260

	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
1 939 SERVICE HYDRAULIC SYSTEMS	7.01	77.3	74.2	70.6	40.3							3.68
1 943 SERVICE PNEUMATIC SYSTEMS	5.51	52.8	54.4	53.6	37.5							4.05
2 740 SERVICE TAIL HOOKS	2.29	32.1	33.7	33.8	15.8							1.90

1 800-92-PRICE-PNEUMATIC-SYSTEMS

N 740 SERVICE TAIL HOOKS

093	12C121, SERVICE SNOW STRUTS	28/18 4C	4C
-----	-----------------------------	----------	----

	5.69	51.0	52.4	51.4	28.4	4.40
J 539 SERVICE LANDING GEAR STRUTS WITH NITROGEN OR AIR						
ONE SERVICE LANDING GEAR STRUTS WITH HYDRAULIC FLUIDS	5.83	48.3	48.3	45.0	26.7	7.38

~~J-36 SERVICE-LANDING GEAR STRUTS WITH HYDRAULIC FLUIDS~~

094	12C(3). SERVICE TIMES	20/10 4C	4C

STS 43141 MATCHED WITH OCCUPATIONAL SURVEY DATA

FCP600 PAGE 21

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

D TSK TITLES

X1	1ST	1ST	431	431	X1
TE	JOB	ENL	51	71	TD
9D%	(M)	(M)	(M)	(M)	(F)

I 447 SERVICE TIMES

7.02	76.1	73.8	69.8	36.2	3.60
------	------	------	------	------	------

095 12C(4). SERVICE BRAKE SYSTEM

28/18 AC AC

J 532 SERVICE BRAKE SYSTEMS

5.22	43.1	43.2	40.7	19.8	4.25
------	------	------	------	------	------

096 12C(19). SERVICE LANDING GEAR COMPONENTS

28/18 AC AC

097 12D. LUBRICATE LANDING GEAR COMPONENTS

28/18 AC AC

M 201 LUBRICATE AIRCRAFT COMPONENTS

J 504 PACK WHEEL BEARINGS

6.73	72.3	70.5	67.7	34.1	4.32
2.21	13.9	14.4	13.3	5.2	3.50

098 12E. BLEED BRAKE SYSTEMS

28/18 AC AC

J 461 BLEED BRAKE SYSTEMS

5.09	47.6	46.3	44.5	23.2	4.51
------	------	------	------	------	------

099 12F. ADJUST LANDING GEAR COMPONENTS

27- 2C 3C

J 454 ADJUST LANDING GEAR DOOR LINKAGE, ACTUATING, OR LATCHING MECHANISMS

3.07	15.9	19.9	20.3	12.8	5.91
------	------	------	------	------	------

J 459 ADJUST LANDING GEAR UP OR DOWN LOCK MECHANISMS

2.71	13.2	14.0	14.1	9.7	6.18
------	------	------	------	-----	------

J 452 ADJUST BRAKE SYSTEM MECHANICAL COMPONENTS

2.32	19.7	20.7	20.2	9.0	5.47
------	------	------	------	-----	------

J 458 ADJUST LANDING GEAR STEERING SYSTEM COMPONENTS

1.62	5.2	6.1	6.7	4.7	6.23
------	-----	-----	-----	-----	------

M 741 ADJUST PROXIMITY OR MICRO SWITCHES

0.73	2.5	2.7	3.0	2.1	5.58
------	-----	-----	-----	-----	------

J 460 ADJUST NOSE GEAR FOLDING BULKHEAD LINKAGE OR LATCHING MECHANISMS

0.52	4.4	4.6	4.8	2.8	6.10
------	-----	-----	-----	-----	------

100 12B(1). REMOVE WHEEL AND TIRE ASSEMBLIES

28/18 AC AC

J 551 REMOVE OR INSTALL WHEEL ASSEMBLIES

8.10	49.8	51.6	50.8	30.8	4.87
------	------	------	------	------	------

101 12B(2). REMOVE BRAKE ASSEMBLIES

28/18 AC AC

O TSK	TITLE	X1	157	157	157	431	431	X1
		TE	JOB	EML	(M)	(M)	(M)	TD
		000	(M)	(M)				(F)
J 508	REMOVE OR INSTALL BRAKE ASSEMBLIES	6.10	55.5	55.4		54.6	29.4	4.93

102 126131. REMOVE LANDING GEAR COMPONENTS 1A/- 3C 4C

J 514	REMOVE OR INSTALL LANDING GEAR DOORS	4.97	31.5	40.3		41.3	23.8	4.97
J 526	REMOVE OR INSTALL LANDING GEAR STRUTS	3.22	18.4	17.2		17.7	11.1	6.57
J 528	REMOVE OR INSTALL LANDING GEAR UP OR DOWN LOCK MECHANISM	2.59	14.1	14.5		15.1	9.7	5.65
COMPONENTS								
J 513	REMOVE OR INSTALL LANDING GEAR DOOR LINKAGE, ACTUATING, OR	2.50	14.8	19.1		20.0	11.7	5.39
LATCHING MECHANISM COMPONENTS								
J 519	REMOVE OR INSTALL LANDING GEAR HYDRAULIC SYSTEM	2.41	8.5	11.9		12.8	8.7	5.89
COMPONENTS								
J 509	REMOVE OR INSTALL BRAKE SYSTEM MECHANICAL COMPONENTS	2.32	10.0	12.5		12.7	7.8	5.06
OTHER THAN BRAKE ASSEMBLIES								
J 525	REMOVE OR INSTALL LANDING GEAR STRUCTURAL COMPONENTS, SUCH	2.11	7.7	9.8		11.3	9.6	5.78
AS DRAG BRACES OR SWING ARMS								
J 507	REMOVE OR INSTALL ARRESTING GEAR SYSTEM COMPONENTS	1.83	13.4	16.2		17.8	10.9	5.08
J 524	REMOVE OR INSTALL LANDING GEAR STEERING SYSTEM COMPONENTS	1.85	4.6	5.7		6.3	4.6	5.68
J 517	REMOVE OR INSTALL LANDING GEAR ELECTRICAL SYSTEM	1.23	4.2	4.8		5.1	4.3	5.37
COMPONENTS								
J 506	REMOVE OR INSTALL ANTISKID SYSTEM COMPONENTS	1.21	16.9	18.9		19.3	9.3	4.91
J 515	REMOVE OR INSTALL LANDING GEAR DRAG PIN BUSHINGS	.87	4.5	4.8		5.3	4.5	5.14
J 516	REMOVE OR INSTALL LANDING GEAR DRAG PINS	.83	5.5	5.4		6.2	1.6	5.05
J 511	REMOVE OR INSTALL LANDING GEAR BELL CRANKS	.89	2.7	3.3		3.8	2.9	5.14
J 520	REMOVE OR INSTALL NOSE GEAR FOLDING BULKHEAD LINKAGE OR	.43	3.4	3.4		3.7	2.4	5.64
LATCHING MECHANISM COMPONENTS								

103 12M11. INSTALL WHEEL AND TIRE ASSEMBLIES 2B/1B 4C 4C

J 531	REMOVE OR INSTALL WHEEL ASSEMBLIES	6.10	49.6	51.6		50.6	30.6	4.67
-------	------------------------------------	------	------	------	--	------	------	------

104 12M12. INSTALL BRAKE ASSEMBLIES 2B/1B 4C 4C

J 508	REMOVE OR INSTALL BRAKE ASSEMBLIES	6.10	55.5	55.4		54.6	29.4	4.93
-------	------------------------------------	------	------	------	--	------	------	------

105 12M13. INSTALL LANDING GEAR COMPONENTS 1A/- 3C 4C

J 514	REMOVE OR INSTALL LANDING GEAR DOORS	4.97	31.5	40.3		41.3	23.8	4.97
J 526	REMOVE OR INSTALL LANDING GEAR STRUTS	3.22	18.4	17.2		17.7	11.1	6.57
J 528	REMOVE OR INSTALL LANDING GEAR UP OR DOWN LOCK MECHANISM	2.59	14.1	14.5		15.1	9.7	5.65
COMPONENTS								

STS 431X1 MATCHED WITH OCCUPATIONAL SURVEY DATA

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

FCP600 PAGE 23

D TSM

TITLES

X1 1ST 1ST 431 431 X1
YE ENL 71 71 YD
+0* (M) (M) (F)

J 513 REMOVE OR INSTALL LANDING GEAR DOOR LINKAGE, ACTUATING, OR LATCHING MECHANISM COMPONENTS

2.50 14.8 19.1 20.0 11.7 5.39

J 519 REMOVE OR INSTALL LANDING GEAR HYDRAULIC SYSTEM COMPONENTS

2.41 8.5 11.9 12.8 8.7 5.49

J 509 REMOVE OR INSTALL BRAKE SYSTEM MECHANICAL COMPONENTS OTHER THAN BRAKE ASSEMBLIES

2.32 10.0 12.5 12.7 7.8 5.06

J 525 REMOVE OR INSTALL LANDING GEAR STRUCTURAL COMPONENTS, SUCH AS DRAG BRACES OR SWING ARMS

2.11 7.7 9.8 11.3 9.6 5.78

J 507 REMOVE OR INSTALL ARRESTING GEAR SYSTEM COMPONENTS

1.83 13.4 16.2 17.8 10.9 5.08

J 524 REMOVE OR INSTALL LANDING GEAR STEERING SYSTEM COMPONENTS

1.85 4.8 5.7 6.3 4.6 5.68

J 517 REMOVE OR INSTALL LANDING GEAR ELECTRICAL SYSTEM COMPONENTS

1.23 4.2 4.8 5.1 4.3 5.37

J 506 REMOVE OR INSTALL ANTISHOCK SYSTEM COMPONENTS

1.21 16.9 18.9 19.3 9.3 4.91

J 519 REMOVE OR INSTALL LANDING GEAR DRAG PIN BUSHINGS

.87 4.5 4.8 5.3 4.5 5.14

J 516 REMOVE OR INSTALL LANDING GEAR DRAG PINS

.83 5.5 5.4 6.2 3.6 5.05

J 529 REMOVE OR INSTALL NOSE GEAR FOLDING BUCKHEAD LINKAGE OR LATCHING MECHANISM COMPONENTS

.43 3.8 3.4 3.7 2.4 5.84

106 121. DETERMINE FEASIBILITY OF RETENDING AIRCRAFT TIES

3C

107 121. THROUGHSHOOT LANDING GEAR SYSTEM

127-28 3C

J 489 ISOLATE BRAKE SYSTEM MALFUNCTIONS

2.58 8.5 10.9 11.8 11.4 6.05

J 491 ISOLATE LANDING GEAR EXTENSION OR RETRACTION MECHANISM MALFUNCTIONS

1.98 8.3 9.0 9.6 10.7 5.44

M 267 INTERPRET SYSTEM SCHEMATICS

1.77 8.8 6.4 7.2 10.9 6.82

J 494 ISOLATE LANDING GEAR STEERING SYSTEM MALFUNCTIONS

1.63 4.1 5.6 6.7 6.2 6.59

J 488 ISOLATE ARRESTING GEAR SYSTEM MALFUNCTIONS

1.43 5.4 7.5 7.9 8.8 5.95

M 266 INTERPRET SYSTEM LAYOUT DRAWINGS OR BLUEPRINTS

.91 3.8 4.8 5.4 6.1 6.69

M 265 INTERPRET SYSTEM GRAPHS OR CHARTS

.85 4.1 4.9 5.5 6.4 5.78

108 12H. INSPECT LANDING GEAR SYSTEM

28/18 3C 4C

J 485 INSPECT TIES

6.89 83.0 79.5 75.5 54.1 3.79

J 486 INSPECT WHEEL ASSEMBLIES

6.14 60.1 58.7 56.2 38.3 3.95

J 488 INSPECT BRAKE SYSTEMS

5.97 58.7 58.4 57.0 44.7 4.50

J 481 INSPECT LANDING GEAR STRUTS

5.77 68.5 68.2 65.7 43.8 4.48

J 478 INSPECT LANDING GEAR HYDRAULIC SYSTEM COMPONENTS

5.17 49.5 47.0 46.4 37.1 4.66

J 483 INSPECT LANDING GEAR UP OR DOWN LOCK MECHANISMS

5.11 51.5 53.3 51.6 35.8 4.66

J 472 INSPECT LANDING GEAR EXTENSION OR RETRACTION MECHANISMS

4.99 41.8 44.8 44.8 39.7 4.80

J 488 INSPECT LANDING GEAR STRUCTURAL COMPONENTS

4.88 44.6 45.2 45.2 34.5 4.69

STG 431X1 MATCHED WITH OCCUPATIONAL SURVEY DATA

O TSM TITLES

J 469	INSPECT LANDING GEAR DOOR MECHANISMS	4.74	48.7	51.6	51.1	36.0	4.45
J 471	INSPECT LANDING GEAR ELECTRICAL SYSTEM COMPONENTS	4.16	28.6	31.0	31.9	27.8	4.70
J 470	INSPECT LANDING GEAR STEERING SYSTEMS	4.15	31.3	34.6	34.8	28.3	4.70
J 487	INSPECT WHEEL BEARINGS	5.92	30.3	29.5	28.1	16.3	4.15
J 465	INSPECT ARMESTING GEAR SYSTEMS	2.91	38.5	39.4	38.0	24.6	4.43
J 470	INSPECT LANDING GEAR DRAG PINS OR BUSHINGS	2.61	25.5	27.3	27.5	22.6	4.60
J 464	INSPECT ANTISKID SYSTEMS	2.32	25.0	25.6	24.9	19.0	4.52
J 467	INSPECT LANDING GEAR BELL CRAWLS	2.31	16.8	17.2	17.0	15.8	4.48
J 473	INSPECT LANDING GEAR BOXES	.86	14.5	13.6	12.9	7.5	4.05

109 13. UTILITY SYSTEMS

110 13A. UTILITY SYSTEM COMPONENTS AND SYSTEM A B C
OPERATION

111 13B11. PERFORM OVERHEAT WARNING SYSTEM 28/18 3C 4C
OPERATIONAL CHECK

K 576 OPERATIONALLY CHECK FIRE WARNING OR OVERHEAT DETECTION
SYSTEMS

112 13B12. PERFORM FIRE DETECTION SYSTEM 28/18 3C 4C
OPERATIONAL CHECK

K 576 OPERATIONALLY CHECK FIRE WARNING OR OVERHEAT DETECTION
SYSTEMS

113 13B13. PERFORM FIRE EXTINGUISHING SYSTEM 28/18 3C 4C
OPERATIONAL CHECK

K 575 OPERATIONALLY CHECK FIRE EXTINGUISHER OR SUPPRESSION
SYSTEMS

3.91	22.1	26.3	29.0	20.6	4.35
3.91	22.1	26.3	29.0	20.6	4.35
.73	3.9	3.9	4.4	2.2	4.78

SYS 431X1 MATCHED WITH OCCUPATIONAL SURVEY DATA

FCP600 PAGE 25

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

D TSK

TITLES

X1
TE
D

1ST
JOB
(M)

1ST
ENL
(M)

431
51
(M)

431
71
(M)

X1
TO
(F)

114 13814). PERFORM AIR CONDITIONING SYSTEM 28/B 3C 4C
OPERATIONAL CHECK

K 569 OPERATIONALLY CHECK AIR-CONDITIONING SYSTEMS

1.65

4.2

7.7

9.2

9.7

5.26

115 13815). PERFORM OXYGEN SYSTEM OPERATIONAL 28/18 3C 4C
CHECK

K 568 128R CHECK OXYGEN SYSTEMS
K 577 OPERATIONALLY CHECK OXYGEN FEED SYSTEMS

2.44
2.45

13.9
10.6

18.0
13.0

18.9
13.6

12.2
9.2

4.50
4.30

116 13816). PERFORM PRESSURIZATION SYSTEM 28/78 3C 4C
OPERATIONAL CHECK

K 578 OPERATIONALLY CHECK PRESSURIZATION SYSTEMS

1.09

4.6

5.5

6.4

5.8

5.11

117 13817). PERFORM RAIN REMOVAL SYSTEM 28/B 3C 4C
OPERATIONAL CHECK

K 582 OPERATIONALLY CHECK WINDSHIELD RAIN REMOVAL SYSTEMS

1.21

6.3

7.6

8.1

6.7

4.43

118 13818). PERFORM WINDSHIELD WIPER SYSTEM 28/78 3C 4C
OPERATIONAL CHECK

K 583 OPERATIONALLY CHECK WINDSHIELD WIPER SYSTEMS

0.32

3.4

2.9

3.0

2.2

4.04

119 13819). PERFORM BLEED AIR SYSTEM 28/B 3C 4C
OPERATIONAL CHECK

K 573 OPERATIONALLY CHECK BLEED AIR SYSTEMS

1.17

7.6

9.0

9.9

8.7

5.16

120 138120). PERFORM ANTI-ICING SYSTEM 28/78 3C 4C
OPERATIONAL CHECK

K 581 OPERATIONALLY CHECK WINDSHIELD DEFOG SYSTEMS
K 576 OPERATIONALLY CHECK DEICING SYSTEMS

0.97
0.32

3.7
2.4

5.4
3.3

6.4
3.8

5.3
1.6

4.60
5.13

SY5 431X1 MATCHED WITH OCCUPATIONAL SURVEY DATA

FCP600 PAGE 26

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

D TSK TITLES

Y1 157 157 431 431 X1
YE JOB ENL 51 71 YD
400 (M) (M) (M) (F)

121 13C11. SERVICE OXYGEN SYSTEM 28/18 4C 4C

I 441 SERVICE OXYGEN SYSTEMS WITH LIQUID OXYGEN 5.46 62.8 60.8 57.7 30.3 4.46
I 440 SERVICE OXYGEN SYSTEMS WITH HIGH PRESSURE GASEOUS OXYGEN 2.82 24.5 24.9 23.9 12.4 3.94
I 442 SERVICE OXYGEN SYSTEMS WITH LOW PRESSURE GASEOUS OXYGEN 1.99 15.4 15.4 14.5 7.9 3.96

122 13C12. SERVICE NITROGEN SYSTEM 28/- 3C 4C

123 13C13. SERVICE ENVIRONMENTAL SYSTEM 28/8 3C 4C

K 602 SERVICE AIR-CONDITIONING SYSTEMS .49 2.0 2.3 2.7 2.1 4.76
K 606 SERVICE WINDMILLED WASHER SYSTEMS .43 3.8 4.8 4.8 2.7 3.76
K 603 SERVICE AIRCRAFT MOUNTED AIR COMPRESSORS .39 4.5 5.5 5.7 3.8 4.53

124 13D11. PURGE OXYGEN SYSTEM 18/7 3B 4C

K 585 PURGE LIQUID OXYGEN SYSTEMS 2.37 21.3 20.1 18.2 8.2 4.92
K 584 PURGE GASEOUS OXYGEN SYSTEMS 1.74 10.8 11.1 10.3 4.7 4.77

125 13D12. PURGE NITROGEN SYSTEM 18/- 3B 4C

126 13E11. DRAIN OXYGEN SYSTEM 18/7 3C 4C

127 13E12. DRAIN NITROGEN SYSTEM 18/- 4C 4C

128 13F. REMOVE UTILITY SYSTEM COMPONENTS SUCH AS DUCTS, VALVES, AND DEMUMIDIFIERS 28/- 3C 4C

K 595 REMOVE OR INSTALL OXYGEN REGULATORS 1.00 7.0 9.2 9.9 5.1 4.55
K 596 REMOVE OR INSTALL AIR-CONDITIONING SYSTEM COMPONENTS 1.11 3.0 4.4 5.0 3.5 5.74

SYS 431X1 MATCHED WITH OCCUPATIONAL SURVEY DATA

FCP600 PAGE 27

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

D TSK	TITLES	Y1	1ST JOB (M)	1ST ENL (M)	431 431 (M)	51 71 (M)	X1 TO (F)
M 593	REMOVE OR INSTALL GASEOUS OXYGEN BOTTLES	1.09	6.3	6.4	6.4	2.7	4.46
M 599	REMOVE OR INSTALL WINDSHIELD RAIN REMOVAL SYSTEM COMPONENTS	.72	5.2	5.3	5.9	2.7	5.00
M 598	REMOVE OR INSTALL WINDSHIELD DEFOG SYSTEM COMPONENTS	.65	2.8	3.2	3.6	2.3	4.90
M 341	REMOVE OR INSTALL LEADING EDGE BLEED AIR DUCTS	.56	4.2	5.0	5.0	2.2	6.47
M 601	REMOVE OR INSTALL WINDSHIELD WIPER SYSTEM COMPONENTS	.25	2.5	2.3	2.6	1.5	4.39
M 600	REMOVE OR INSTALL WINDSHIELD WASHER SYSTEM COMPONENTS	.20	1.8	2.2	2.3	.9	4.67
M 588	REMOVE OR INSTALL DEICING SYSTEM COMPONENTS	.19	1.8	1.5	1.6	.2	5.69

129 136. REMOVE LOX CONVERTERS 2B/- 3C 4C

M 594 REMOVE OR INSTALL LIQUID OXYGEN CONVERTERS 3.63 36.3 36.7 36.3 20.8 4.14

130 134. INSTALL UTILITY SYSTEM COMPONENTS 2B/- 3C 4C
SUCH AS DUCTS, VALVES, AND DEHUMIDIFIERS

M 595	REMOVE OR INSTALL OXYGEN REGULATORS	1.66	7.0	9.1	9.5	5.1	4.55
M 586	REMOVE OR INSTALL AIR-CONDITIONING SYSTEM COMPONENTS	1.11	3.0	4.4	5.0	3.5	5.74
M 593	REMOVE OR INSTALL GASEOUS OXYGEN BOTTLES	1.09	6.3	6.4	6.4	2.7	4.46
M 599	REMOVE OR INSTALL WINDSHIELD RAIN REMOVAL SYSTEM COMPONENTS	.72	3.2	3.3	3.9	2.7	5.00
M 598	REMOVE OR INSTALL WINDSHIELD DEFOG SYSTEM COMPONENTS	.89	2.8	3.2	3.6	2.3	4.90
M 341	REMOVE OR INSTALL LEADING EDGE BLEED AIR DUCTS	.56	4.2	5.0	5.0	2.2	6.47
M 601	REMOVE OR INSTALL WINDSHIELD WIPER SYSTEM COMPONENTS	.25	2.5	2.3	2.6	1.5	4.39
M 600	REMOVE OR INSTALL WINDSHIELD WASHER SYSTEM COMPONENTS	.20	1.8	2.2	2.3	.9	4.67
M 588	REMOVE OR INSTALL DEICING SYSTEM COMPONENTS	.19	1.8	1.5	1.6	.2	5.69

131 133. INSTALL LOX CONVERTERS 2B/- 3C 4C

M 594 REMOVE OR INSTALL LIQUID OXYGEN CONVERTERS 3.63 36.3 36.7 36.3 20.8 4.14

132 13J11. TROUBLESHOOT OVERHEAT WARNING SYSTEM - - 3C

M 267	INTERPRET SYSTEM SCHEMATICS	1.77	4.6	6.4	7.2	10.9	6.82
M 268	INTERPRET SYSTEM LAYOUT DRAWINGS OR BLUEPRINTS	.91	3.8	4.8	5.4	8.1	6.87
M 265	INTERPRET SYSTEM GRAPHS OR CHARTS	.85	4.1	4.9	5.5	6.4	5.78

D TSN	TITLES	X1	YF	9D*	1ST	JOB	1ST	ENL	931	931	X1
					(M)		(M)	(M)	(M)	(M)	(F)
133	13J(12). TROUBLESHOOT FIRE DETECTION SYSTEM	-	-	3C							
134	13J(13). TROUBLESHOOT FIRE EXTINGUISHING SYSTEM	-	-	3C							
135	13J(14). TROUBLESHOOT AIR CONDITIONING SYSTEM	-	-	3C							
K 565	ISOLATE AIR-CONDITIONING SYSTEM MALFUNCTIONS	.94			2.3	3.2	3.8	3.1			6.27
136	13J(15). TROUBLESHOOT OXYGEN SYSTEM	-	-	3C							
137	13J(16). TROUBLESHOOT PRESSURIZATION SYSTEM	-	-	3C							
K 567	ISOLATE PRESSURIZATION SYSTEM MALFUNCTIONS	.67			2.4	2.3	2.9	2.5			6.33
138	13J(17). TROUBLESHOOT RAIN REMOVAL SYSTEM	-	-	3C							
139	13J(18). TROUBLESHOOT WINDSHIELD WIPER SYSTEM	-	-	3C							
140	13J(19). TROUBLESHOOT BLEED AIR SYSTEM	-	-	3C							
141	13J(10). TROUBLESHOOT ANTI-ICING SYSTEM	-	-	3C							
K 566	ISOLATE DEICING SYSTEM MALFUNCTIONS	.22			1.7	1.3	1.3	.5			6.15

ST5 431X1 MATCHED WITH OCCUPATIONAL SURVEY DATA

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

FCP600 PAGE 29

D TSM	TITLES	X1	TE	AD*	15T	JOB	ENL	TO	431	431	51	71	X1
					(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(F)
142	13K(1). INSPECT OVERHEAT WARNING SYSTEM 28/18 3C AC												
K 555	INSPECT FIRE WARNING OR OVERHEAT DETECTION SYSTEMS	4.12			30.3	33.4			35.3	26.0			4.73
143	13K(2). INSPECT FIRE DETECTION SYSTEM 28/18 3C AC												
K 555	INSPECT FIRE WARNING OR OVERHEAT DETECTION SYSTEMS	4.12			30.3	33.4			35.3	26.0			4.73
144	13K(3). INSPECT FIRE EXTINGUISHING SYSTEM 28/18 3C AC												
K 554	INSPECT FIRE EXTINGUISHING OR SUPPRESSION SYSTEMS	1.85			15.1	13.8			15.0	10.9			4.31
145	13K(4). INSPECT AIR CONDITIONING SYSTEM 28/18 3C AC												
K 546	INSPECT AIR-CONDITIONING SYSTEMS	1.93			8.6	8.0			9.1	12.4			4.93
146	13K(5). INSPECT OXYGEN SYSTEM 28/18 3C AC												
K 557	INSPECT LIQUID OXYGEN SYSTEMS	3.56			34.1	33.9			33.3	25.3			4.53
K 556	INSPECT GASEOUS OXYGEN SYSTEMS	1.94			13.1	14.5			15.2	11.0			4.41
147	13K(6). INSPECT PRESSURIZATION SYSTEM 28/18 3C AC												
K 547	INSPECT AIRCRAFT MOUNTED AIR COMPRESSORS	.54			4.9	5.9			6.2	5.4			4.82
148	13K(7). INSPECT RAIN REMOVAL SYSTEM 28/18 3C AC												
K 542	INSPECT WINDSHIELD RAIN REMOVAL SYSTEMS	1.64			11.8	12.2			13.5	10.3			4.26
149	13K(8). INSPECT WINDSHIELD WIPER SYSTEM 28/18 3C AC												
K 544	INSPECT WINDSHIELD WIPER SYSTEMS	.37			3.9	3.8			3.8	2.7			4.09

STS 431X1 MATCHED WITH OCCUPATIONAL SURVEY DATA FCP600 PAGE 30 OCCUPATIONAL ANALYSIS PROGRAM USAFOMC (ATC) RANDOLPH AFB TX

D TSK TITLES X1 TE 1ST 1ST 431 431 X1 X1
(M) (M) (M) (M) (F) (F)

150 13H19). INSPECT BLEED AIR SYSTEM 20/10 3C 4C

151 13H1D). INSPECT ANTI-ICING SYSTEM 3C

K 561 INSPECT WINDSHIELD DEFOG SYSTEMS 1.71 8.9 10.3 11.0 9.1 9.36
K 551 INSPECT DEICING SYSTEMS .54 6.9 5.9 5.3 2.5 6.81

152 14. FLIGHT CONTROL SYSTEMS

153 14A. FLIGHT CONTROL COMPONENTS AND SYSTEM A B C

154 14B. PERFORM OPERATIONAL CHECKS OF FLIGHT 20/10 3C 4C
CONTROL SYSTEMS

L 649 OPERATIONALLY CHECK FLAP SYSTEMS 3.09 26.6 30.5 31.7 21.7 5.08
L 653 OPERATIONALLY CHECK PRIMARY FLIGHT CONTROL SYSTEMS 3.06 19.3 24.0 25.6 18.8 5.29
L 655 OPERATIONALLY CHECK SPOILER OR SPEED BRAKE SYSTEMS 2.87 21.0 27.2 29.0 18.9 5.02
L 644 MEASURE FLIGHT CONTROL SURFACE TRAVEL USING PROTRACTORS, 2.82 8.5 11.1 12.2 10.8 5.63
TEMPLATES, OR RIGGING DEVICES
L 652 OPERATIONALLY CHECK FLIGHT CONTROL TRIM SYSTEMS 2.82 13.7 18.6 19.8 16.3 5.21
L 645 MEASURE FORCE FEEL OF STICKS OR COLUMNS 1.30 5.6 5.8 5.8 6.9 5.58
L 654 OPERATIONALLY CHECK SLAT SYSTEMS 1.14 15.6 15.6 16.3 10.1 5.11
L 650 PERFORM STAB DROOP CHECKS 1.08 18.2 18.3 13.3 7.7 4.29
L 650 OPERATIONALLY CHECK FLIGHT CONTROL HYDRAULIC 9.6 4.2 5.1 5.6 6.0 5.38
POWER PACKAGES
L 646 OPERATIONALLY CHECK ARTIFICIAL FEEL SYSTEMS .87 3.9 4.6 5.0 6.1 5.62
L 651 OPERATIONALLY CHECK FLIGHT CONTROL LOCKING MECHANISMS .86 7.3 8.9 8.8 5.6 5.22
L 656 OPERATIONALLY CHECK WING SWEEP SYSTEMS .50 5.6 4.9 5.6 4.2 5.37
L 647 OPERATIONALLY CHECK AUTOPILOT SYSTEMS .34 1.8 2.8 2.8 2.2 5.67
L 648 OPERATIONALLY CHECK BLC SYSTEMS .32 3.9 5.8 6.2 4.8 5.26

155 14C. REMOVE FLIGHT CONTROL COMPONENTS 20/10 3C 4C
SUCH AS SURFACES AND ACTUATORS

L 644 REMOVE OR INSTALL FLAPS 3.31 18.2 23.7 24.0 19.4 6.02
L 640 REMOVE OR INSTALL PRIMARY FLIGHT CONTROL SURFACES 3.07 9.9 12.3 13.3 11.0 6.22

D TSK	TITLES	X1	1ST	1ST	431	431	71	X1
		TE	(M)	EML	(M)	(M)	(F)	
		0						
L 667	REMOVE OR INSTALL SPOILERS OR SPEED BRAKES	2.63	19.9	22.2	22.3	12.5	5.87	
M 340	REMOVE OR INSTALL HORIZONTAL STABILIZERS	2.22	11.1	12.4	12.9	8.9	7.06	
L 670	REMOVE OR INSTALL FLIGHT CONTROL CABLE TURN BUCKLES	2.10	6.9	8.3	8.4	7.0	5.80	
L 668	REMOVE OR INSTALL FLIGHT CONTROL CABLE PULLEYS	2.09	7.2	9.0	9.6	8.1	5.69	
L 667	REMOVE OR INSTALL FLIGHT CONTROL BUSHINGS OR BEARINGS	2.03	8.2	9.8	10.4	9.0	5.72	
L 671	REMOVE OR INSTALL FLIGHT CONTROL CABLES	2.02	7.7	8.8	9.2	7.5	6.19	
L 674	REMOVE OR INSTALL FLIGHT CONTROL PUSH PULL RODS	2.01	9.0	10.2	10.6	9.6	5.74	
M 339	REMOVE OR INSTALL HORIZONTAL OR VERTICAL STABILIZER	1.98	18.5	19.2	18.7	9.5	5.85	
	LEADING EDGES							
M 368	REMOVE OR INSTALL VERTICAL STABILIZERS	1.81	10.4	10.1	10.1	5.0	6.82	
L 666	REMOVE OR INSTALL FLIGHT CONTROL BELL CRANKS	1.75	6.6	8.0	8.6	7.4	6.05	
L 661	REMOVE OR INSTALL FLAP CONTROL MECHANISM COMPONENTS	1.74	7.9	9.4	9.9	8.2	6.16	
L 665	REMOVE OR INSTALL FLIGHT CONTROL ACTUATORS OTHER THAN	1.64	8.0	8.5	8.8	6.4	6.33	
	WING SWEEP ACTUATORS							
L 676	REMOVE OR INSTALL FLIGHT CONTROL TORQUE TUBES	1.60	7.2	8.0	8.4	7.4	5.66	
L 679	REMOVE OR INSTALL GUST LOCKS	1.31	6.6	6.9	6.9	4.3	4.19	
L 680	REMOVE OR INSTALL TRIM TABS	1.20	5.9	6.2	6.2	3.5	5.32	
L 675	REMOVE OR INSTALL FLIGHT CONTROL SURFACE POSITION	.99	2.8	3.4	3.7	2.3	5.31	
	INDICATORS							
L 689	REMOVE OR INSTALL FLIGHT CONTROL CABLE TENSION	.93	3.2	4.0	4.2	3.3	6.19	
	REGULATORS							
L 672	REMOVE OR INSTALL FLIGHT CONTROL DRIVE MOTORS	.92	4.4	4.8	5.2	4.3	5.99	
L 686	REMOVE OR INSTALL SLATS	.86	6.3	6.9	6.7	4.9	6.20	
L 682	REMOVE OR INSTALL FLAP JACK SCREWS	.78	5.9	4.9	4.7	3.6	6.06	
L 657	REMOVE OR INSTALL ARTIFICIAL FEEL SYSTEM COMPONENTS	.69	3.8	3.6	3.9	5.4	5.65	
L 681	REMOVE OR INSTALL RUDDER DAMPERS	.63	3.7	4.3	3.0	3.5	5.83	
L 663	REMOVE OR INSTALL FLAP OR SLAT ASYMMETRY SYSTEM COMPONENTS	.52	3.7	4.0	4.3	3.3	6.52	
L 673	REMOVE OR INSTALL FLIGHT CONTROL GEAR BOXES	.49	4.6	4.3	4.0	2.8	6.32	
L 684	REMOVE OR INSTALL SLAT CONTROL MECHANISM COMPONENTS	.42	3.0	3.4	3.4	3.3	6.09	
L 677	REMOVE OR INSTALL FLIGHT CONTROL UNIVERSAL JOINTS	.42	2.8	2.9	2.8	2.0	5.59	
L 683	REMOVE OR INSTALL SLAT CARRIAGE ASSEMBLY COMPONENTS	.28	2.4	2.1	2.1	1.8	5.89	
L 682	REMOVE OR INSTALL SLAT BRAKE SYSTEMS COMPONENTS	.24	2.3	2.4	2.8	2.0	5.90	
L 658	REMOVE OR INSTALL BLC VALVE LINKAGE	.22	1.5	1.9	1.9	1.3	5.68	
L 689	REMOVE OR INSTALL SLAT JACK SCREWS	.17	2.5	1.8	2.0	1.2	6.05	
L 689	REMOVE OR INSTALL WING SWEEP ACTUATORS	.17	2.3	1.9	2.0	1.4	6.20	
L 678	REMOVE OR INSTALL GUST DAMPERS	.12	1.4	1.3	1.7	1.1	5.18	

156 140. INSTALL FLIGHT CONTROL COMPONENTS 20/A 3C 4C
SUCH AS SURFACES AND ACTUATORS

L 664	REMOVE OR INSTALL FLAPS	3.31	18.2	23.7	24.0	15.4	6.02	
L 680	REMOVE OR INSTALL PRIMARY FLIGHT CONTROL SURFACES	3.07	9.9	12.3	13.3	11.0	6.22	
L 687	REMOVE OR INSTALL SPOILERS OR SPEED BRAKES	2.63	19.9	22.2	22.3	12.5	5.87	
M 340	REMOVE OR INSTALL HORIZONTAL STABILIZERS	2.22	11.1	12.4	12.9	8.9	7.06	
L 670	REMOVE OR INSTALL FLIGHT CONTROL CABLE TURN BUCKLES	2.10	6.9	8.3	8.4	7.0	5.80	
L 668	REMOVE OR INSTALL FLIGHT CONTROL CABLE PULLEYS	2.09	7.2	9.0	9.6	8.1	5.69	
L 667	REMOVE OR INSTALL FLIGHT CONTROL BUSHINGS OR BEARINGS	2.03	8.2	9.8	10.4	9.0	5.72	

D TSM	TITLES	V1	157	157	431	431	X1
		YE	JOB	EML	51	71	TD
		00	(M)	(M)	(M)	(M)	(F)
L 671	REMOVE OR INSTALL FLIGHT CONTROL CABLES	2.02	7.7	8.8	9.2	7.5	6.19
L 674	REMOVE OR INSTALL FLIGHT CONTROL PUSH-PULL RODS	2.01	9.0	10.2	10.6	9.6	5.78
M 339	REMOVE OR INSTALL HORIZONTAL OR VERTICAL STABILIZER LEADING EDGES	1.98	18.6	19.2	18.7	9.5	5.85
M 348	REMOVE OR INSTALL VERTICAL STABILIZERS	1.81	10.4	13.1	10.1	5.8	6.82
L 686	REMOVE OR INSTALL FLIGHT CONTROL BELL CRANKS	1.75	6.6	8.0	8.6	7.4	6.05
L 661	REMOVE OR INSTALL FLAP CONTROL MECHANISM COMPONENTS	1.74	7.9	9.4	9.9	8.2	6.16
L 665	REMOVE OR INSTALL FLIGHT CONTROL ACTUATORS OTHER THAN WING SNEEP ACTUATORS	1.84	8.0	8.5	8.8	6.4	6.33
L 676	REMOVE OR INSTALL FLIGHT CONTROL TORQUE TUBES	1.60	7.2	8.0	8.4	7.4	5.66
L 679	REMOVE OR INSTALL GUST LOCKS	1.31	6.6	6.9	6.9	4.3	4.19
L 688	REMOVE OR INSTALL TRIM TABS	1.20	5.9	6.2	6.2	3.5	5.38
L 675	REMOVE OR INSTALL FLIGHT CONTROL SURFACE POSITION INDICATORS	.99	2.8	3.4	3.7	2.3	5.31
L 669	REMOVE OR INSTALL FLIGHT CONTROL CABLE TENSION REGULATORS	.93	3.2	4.0	4.2	3.8	6.14
L 672	REMOVE OR INSTALL FLIGHT CONTROL DRIVE MOTORS	.92	4.4	4.8	5.2	4.3	5.99
L 680	REMOVE OR INSTALL SLATS	.86	6.3	6.9	6.7	4.9	6.20
L 682	REMOVE OR INSTALL FLAP JACK SCREWS	.78	5.9	4.9	4.7	3.6	6.04
L 657	REMOVE OR INSTALL ARTIFICIAL FEEL SYSTEM COMPONENTS	.69	3.8	3.8	3.9	5.4	5.85
L 681	REMOVE OR INSTALL RUDDER DAMPERS	.63	3.7	4.5	5.0	3.5	5.83
L 683	REMOVE OR INSTALL FLAP OR SLAT ASYMMETRY SYSTEM COMPONENTS	.52	3.7	4.0	4.3	3.3	6.52
L 673	REMOVE OR INSTALL FLIGHT CONTROL GEAR BOXES	.49	4.6	4.3	4.0	2.8	6.32
L 684	REMOVE OR INSTALL SLAT CONTROL MECHANISM COMPONENTS	.42	3.0	3.4	3.4	3.3	6.09
L 677	REMOVE OR INSTALL FLIGHT CONTROL UNIVERSAL JOINTS	.42	2.8	2.9	2.8	2.0	5.59
L 685	REMOVE OR INSTALL SLAT CHAIRSIDE ASSEMBLY COMPONENTS	.28	2.4	2.1	2.1	1.8	5.89
L 682	REMOVE OR INSTALL SLAT BRAKE SYSTEMS COMPONENTS	.24	2.3	2.4	2.6	2.0	5.90
L 658	REMOVE OR INSTALL SLC VALVE LINKAGE	.22	1.5	1.9	1.9	1.3	5.68
L 685	REMOVE OR INSTALL SLAT JACK SCREWS	.17	2.5	1.8	2.0	1.2	6.05
L 689	REMOVE OR INSTALL WING SNEEP ACTUATORS	.17	2.3	1.9	2.0	1.4	6.20
L 678	REMOVE OR INSTALL GUST DAMPERS	.12	1.4	1.5	1.7	1.1	5.18

197 14E. RIG FLIGHT CONTROL SYSTEMS 287- 3C 4C

L 637	INSTALL OR REMOVE FLIGHT CONTROL RIG PINS	2.93	10.3	12.5	13.2	11.1	4.28
L 614	ADJUST FLIGHT CONTROL CABLE TENSION	2.52	7.9	9.3	10.2	9.1	6.15
L 624	CHECK FLIGHT CONTROL CABLE TENSIONS	2.50	8.7	9.8	10.6	10.2	5.16
L 618	ADJUST FLIGHT CONTROL MECHANICAL STOPS	2.39	8.7	9.4	10.4	9.4	5.79
L 611	ADJUST FLIGHT CONTROL ACTUATOR ROD ENDS	2.34	7.6	10.1	10.9	9.0	5.73
L 619	ADJUST FLIGHT CONTROL TRIM PULL RODS	2.35	7.7	9.7	10.6	9.9	5.85
L 620	ADJUST FLIGHT CONTROL TRIM ACTUATORS	1.81	6.1	6.6	7.4	7.4	6.00
L 609	ADJUST FLAP CONTROL MECHANISMS	1.84	7.3	9.0	9.4	7.4	6.06
L 612	ADJUST FLIGHT CONTROL ADJUSTABLE TABS	1.58	5.1	6.3	6.9	4.8	5.59
L 615	ADJUST FLIGHT CONTROL FIXED TABS	1.28	3.7	3.9	4.0	2.8	5.50
L 616	ADJUST FLIGHT CONTROL LIMIT SWITCHES	1.20	3.8	3.6	4.1	2.9	5.97
L 613	ADJUST FLIGHT CONTROL ARTIFICIAL FEEL	.94	3.9	4.8	4.9	5.2	6.60
L 617	ADJUST FLIGHT CONTROL LOCKING MECHANISMS	.87	4.5	5.0	5.2	4.8	6.09

TITLES

D TSK	TITLES	ADP	MO	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
-------	--------	-----	----	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

198 14P. TROUBLESHOOT FLIGHT CONTROL SYSTEMS - 2B 3C

L 640 ISOLATE PRIMARY FLIGHT CONTROL SYSTEM MALFUNCTIONS	1.93	6.6	8.1	9.6	10.1	7.00
M 267 INTERPRET SYSTEM SCHEMATICS	1.77	6.6	6.9	7.2	10.9	6.82
L 639 ISOLATE FLIGHT CONTROL TRIM SYSTEM MALFUNCTIONS	1.72	5.1	6.9	7.9	9.2	6.63
L 638 ISOLATE FLAP SYSTEM MALFUNCTIONS	1.89	8.3	9.6	10.3	9.3	6.58
L 642 ISOLATE SPOILER OR SPEED BRAKE SYSTEM MALFUNCTIONS	1.68	6.0	8.5	9.4	8.4	6.54
M 266 INTERPRET SYSTEM LAYOUT DRAWINGS OR BLUEPRINTS	.91	3.3	4.8	5.4	6.1	5.89
M 265 INTERPRET SYSTEM GRAPHS OR CHARTS	.85	4.1	4.9	5.5	6.4	5.78
L 641 ISOLATE SET SYSTEM MALFUNCTIONS	.98	4.6	6.3	7.3	7.4	6.57
L 643 ISOLATE WING SWEEP SYSTEM MALFUNCTIONS	.22	3.1	2.4	2.5	1.6	6.82

159 14G. LUBRICATE FLIGHT CONTROLS - 2B7B 3C 3C

M 281 LUBRICATE AIRCRAFT COMPONENTS	6.73	72.3	70.5	67.7	34.1	4.32
-------------------------------------	------	------	------	------	------	------

160 14M. INSPECT FLIGHT CONTROL SYSTEMS - 2B7B 3C 3C

L 629 INSPECT FLAP SYSTEMS	3.90	32.4	34.4	34.3	28.7	4.97
L 633 INSPECT PRIMARY FLIGHT CONTROL SYSTEMS	3.82	24.1	27.5	29.4	25.5	5.21
L 635 INSPECT SPOILER OR SPEED BRAKE SYSTEMS	3.67	36.6	37.5	37.5	27.5	4.89
L 632 INSPECT FLIGHT CONTROL TRIM SYSTEMS	2.80	15.6	18.0	18.4	18.2	5.17
L 634 INSPECT SLAT SYSTEMS	1.44	17.6	17.3	18.0	14.5	5.00
L 630 INSPECT FLIGHT CONTROL ARTIFICIAL FEEL SYSTEMS	1.35	5.2	7.2	8.1	10.9	5.24
L 631 INSPECT FLIGHT CONTROL LOCKING MECHANISMS	1.05	7.6	8.7	8.6	9.6	5.03
L 636 INSPECT WING SWEEP SYSTEMS	.84	8.9	7.0	7.5	6.2	4.86
L 626 INSPECT BLC DUCTS	.48	8.0	10.3	10.4	7.0	4.72
L 627 INSPECT BLC VALVES	.29	2.1	2.8	3.0	3.5	4.85
L 625 INSPECT AUTOPILOT SYSTEMS	.28	2.0	1.9	1.9	1.5	5.53
L 628 INSPECT BOOST ENGAGE LOCKS	.02	1.1	.9	1.0	.3	5.04

161 15. PNEUDRAULIC SYSTEMS

D TSK	TITLES	X1	1ST	1ST	431	431	X1
		TE	JOB	ENL	SI	71	TO
		#D*	(M)	(M)	(M)	(M)	(F)

162 15A. PNEUDRAULIC SYSTEM COMPONENTS AND SYSTEM OPERATION A B C

163 15B(1). PERFORM HYDRAULIC SYSTEM OPERATIONAL CHECK 2B/1B 3C 4C

M 717	OPERATIONALLY CHECK HYDRAULIC SYSTEM ACTUATORS	2.91	13.9	18.9	21.0	15.1	5.31
M 719	OPERATIONALLY CHECK HYDRAULIC SYSTEM PUMPS	2.14	5.4	8.8	10.9	11.7	5.84
M 720	OPERATIONALLY CHECK HYDRAULIC SYSTEM VALVES	1.62	3.9	5.6	7.1	7.7	5.32
M 718	OPERATIONALLY CHECK HYDRAULIC SYSTEM POWER PACKS	.52	3.0	3.1	3.4	2.5	5.13

164 15B(2). PERFORM PNEUMATIC SYSTEM OPERATIONAL CHECK 2B/1B 3C 4C

M 721	OPERATIONALLY CHECK PNEUMATIC SYSTEM VALVES	1.05	3.4	4.5	5.4	5.8	5.23
-------	---	------	-----	-----	-----	-----	------

165 15C(1). SERVICE HYDRAULIC SYSTEM 2B/1B 4C 4C

I 439	SERVICE HYDRAULIC SYSTEMS	7.01	77.3	74.2	70.6	40.3	3.68
I 305	BLEED HYDRAULIC SYSTEMS	5.95	65.1	64.5	62.1	33.8	4.17
P 827	OPERATIONALLY CHECK HYDRAULIC SERVICING CARTS	3.61	22.5	24.4	24.0	12.1	3.43

166 15C(2). SERVICE PNEUMATIC SYSTEM 2B/1B 4C 4C

I 443	SERVICE PNEUMATIC SYSTEMS	5.51	53.8	54.4	53.6	31.5	4.05
I 306	BLEED PNEUMATIC SYSTEMS	4.04	39.2	40.5	40.4	21.7	3.78

167 15C(3). SERVICE ACCUMULATOR 2B/1B 4C 4C

M 737	SERVICE HYDRAULIC SYSTEM ACCUMULATORS	3.88	30.3	31.5	31.1	15.9	4.13
M 738	SERVICE PNEUMATIC SYSTEM ACCUMULATORS	2.75	24.9	25.0	25.0	12.8	4.11
L 691	SERVICE RUBBER DAMPERS	.63	4.9	7.2	8.0	6.0	4.84

168 15D. REMOVE PNEUDRAULIC SYSTEM COMPONENTS 2B/- 3C 4C
SUCH AS ACTUATORS, ACCUMULATORS, AND FILTERS

SYS 431X1 MATCHED WITH OCCUPATIONAL SURVEY DATA

FCP600 PAGE 36

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

[illegible]

PI 157 157 431 431 X1
TE JOB FNL 51 71 YD
AD (M) (M) (F)

O TSK TITLES

177 16A. ENGINE SYSTEM COMPONENTS AND SYSTEM A B C
OPERATION

178 16B11. PERFORM ENGINE AND SUBSYSTEMS 2B/- 3C 3C
OPERATIONAL CHECK

R 908	OPERATIONALLY CHECK STARTERS	1.95	3.5	9.5	12.2	11.8	5.02
R 909	OPERATIONALLY CHECK ENGINE IGNITION SYSTEMS	1.95	4.9	10.0	12.8	12.2	5.00
R 910	OPERATIONALLY CHECK APU'S, EPU'S, OR 61C'S	1.18	8.0	10.0	10.8	7.8	4.92
R 911	PERFORM CONTINUITY CHECKS OF ENGINE START SYSTEMS	.68	2.8	4.5	5.1	3.5	4.85
R 905	OPERATIONALLY CHECK ENGINE OIL COOLER DOORS OR FLAPS	.58	3.2	3.4	3.5	2.8	5.03
R 906	OPERATIONALLY CHECK AFTERBURNER AIR INDUCTION SYSTEMS	.52	2.3	3.8	4.2	3.5	5.58
R 907	OPERATIONALLY CHECK AFTERBURNER EYEID SYSTEMS	.45	1.7	3.0	3.2	2.7	5.42
R 902	OPERATIONALLY CHECK BELMOUTH AIR INDUCTION SYSTEMS	.28	2.4	4.0	4.3	3.8	5.65
R 903	OPERATIONALLY CHECK SPINE AIR INDUCTION SYSTEMS	.22	2.4	2.3	2.4	1.8	5.07
R 904	OPERATIONALLY CHECK ATM'S	.18	.8	1.3	1.7	1.4	5.50
R 907	OPERATIONALLY CHECK WATER INJECTION SYSTEMS	.02	1.0	1.4	1.4	.4	5.28

179 18B127. PERFORM OIL COOLER DOORS 2B/- 3C 3C
OPERATIONAL CHECK

180 18B127. PERFORM THROTTLES OPERATIONAL 2B/- 3C 3C
CHECK

R 909 OPERA OVERLY CHECK THROTTLE SYSTEMS 2.08 5.8 10.5 12.3 11.6 5.11

181 16C11. SERVICE OIL SYSTEM 3B/1B 4C 4C

I 438	SERVICE ENGINE OIL	7.05	79.9	75.7	70.4	37.0	3.34
I 397	DRAIN ENGINE OIL	4.01	32.4	33.3	31.4	12.8	3.72
P 630	OPERATIONALLY CHECK OIL SERVICING CARDS	3.28	20.1	22.1	22.3	10.3	3.42
R 604	SERVICE APU'S, EPU'S, OR 61C'S	1.24	7.2	7.9	8.3	4.9	4.53
R 605	SERVICE ATM'S	.28	2.6	2.1	2.2	1.1	4.14

182 16C12. SERVICE CONSTANT SPEED DRIVE 3B/8 4C 4C

I 436 SERVICE ALTERNATOR OR GENERATOR DRIVES 2.13 13.7 14.8 19.0 7.1 4.30

D TSK	TITLES	X1	1ST	1ST	X1	431	431	X1
		TE	JOB	ENL	51	71	71	TD
		#0	(M)	(M)	(M)	(M)	(M)	(F)

103 16C(3). SERVICE GEARBOX 38/B 4C 4C

104 16C(4). SERVICE ACCESSORY DRIVE 38/A 4C 4C

105 16D(1). REMOVE GENERATORS 28/- 3C 3C

N 767 REMOVE OR INSTALL ALTERNATORS OR GENERATORS 1.50 5.8 7.2 7.8 3.9 5.54

106 16D(2). REMOVE STARTERS 28/- 3C 3C

R 927 REMOVE OR INSTALL STARTERS 1.37 4.9 6.9 7.8 3.7 5.03

107 16D(3). REMOVE TAILPIPS 28/- 3C 3C

R 928 REMOVE OR INSTALL TAIL PIPES 1.35 5.2 5.9 5.8 3.0 4.77

R 913 REMOVE OR INSTALL AFTERBURNER EYELED SYSTEM COMPONENTS .35 1.0 1.4 1.5 1.1 5.37

108 16D(4). REMOVE SPINE ASSEMBLIES 28/- 3C 3C

R 925 REMOVE OR INSTALL SPINE AIR INDUCTION SYSTEM COMPONENTS .27 1.7 1.8 1.8 1.3 5.40

R 915 REMOVE OR INSTALL BELMOUTH AIR INDUCTION SYSTEM COMPONENTS .22 2.5 3.3 3.4 2.9 6.06

109 16D(5). REMOVE IGNITER PLUGS 28/- 3C 3C

R 924 REMOVE OR INSTALL IGNITER PLUGS .90 1.7 3.3 3.7 1.8 4.49

190 16D(6). REMOVE THROTTLE QUADRANTS 28/- 3C 3C

R 933 REMOVE OR INSTALL THROTTLE QUADRANTS 2.46 8.3 10.9 11.7 8.0 5.47

R 932 REMOVE OR INSTALL THROTTLE QUADRANT COMPONENTS 1.80 5.4 7.4 8.2 6.6 6.35

R 931 REMOVE OR INSTALL THROTTLE CABLES 1.34 5.4 8.5 7.8 5.9 5.86

R 929 REMOVE OR INSTALL THROTTLE CABLE PULLEYS .96 2.8 3.6 3.8 2.7 4.96

R 930 REMOVE OR INSTALL THROTTLE CABLE TENSION REGULATORS .54 2.0 1.8 1.9 1.5 5.28

D TSN

TITLES

Y1 Y2 Y3 Y4 Y5 Y6 Y7 Y8 Y9 Y10 Y11 Y12 Y13 Y14 Y15 Y16 Y17 Y18 Y19 Y20 Y21 Y22 Y23 Y24 Y25 Y26 Y27 Y28 Y29 Y30 Y31 Y32 Y33 Y34 Y35 Y36 Y37 Y38 Y39 Y40 Y41 Y42 Y43 Y44 Y45 Y46 Y47 Y48 Y49 Y50 Y51 Y52 Y53 Y54 Y55 Y56 Y57 Y58 Y59 Y60 Y61 Y62 Y63 Y64 Y65 Y66 Y67 Y68 Y69 Y70 Y71 Y72 Y73 Y74 Y75 Y76 Y77 Y78 Y79 Y80 Y81 Y82 Y83 Y84 Y85 Y86 Y87 Y88 Y89 Y90 Y91 Y92 Y93 Y94 Y95 Y96 Y97 Y98 Y99 Y100

191 16D(7). REMOVE STARTER CARTRIDGES 28/- 4C 4C

R 926 REMOVE OR INSTALL STARTER CARTRIDGES 1.39 11.7 13.4 14.0 7.6 3.89

192 16E(1). INSTALL GENERATORS 28/- 3C 3C

N 767 REMOVE OR INSTALL ALTERNATORS OR GENERATORS 1.50 5.8 7.2 7.8 3.9 5.54

193 16E(2). INSTALL STARTERS 28/- 3C 3C

R 927 REMOVE OR INSTALL STARTERS 1.37 4.9 6.9 7.8 3.7 5.03

194 16E(3). INSTALL TAILPIPS 28/- 3C 3C

R 928 REMOVE OR INSTALL TAIL PIPES 1.35 5.2 5.9 5.8 3.0 4.77

195 16E(4). INSTALL SPIKE ASSEMBLIES 28/- 3C 3C

R 925 REMOVE OR INSTALL SPIKE AIR INDUCTION SYSTEM COMPONENTS .27 1.7 1.8 1.8 1.3 5.40
R 915 REMOVE OR INSTALL BELMOUTH AIR INDUCTION SYSTEM COMPONENTS .22 2.5 3.3 3.4 2.9 6.06

196 16E(5). INSTALL IGNITER PLUGS 28/- 3C 3C

R 924 REMOVE OR INSTALL IGNITER PLUGS .90 1.7 3.3 3.7 1.8 4.49

197 16E(6). INSTALL THROTTLE QUADRANTS 28/- 3C 3C

R 933 REMOVE OR INSTALL THROTTLE QUADRANTS 2.46 8.3 10.9 11.7 8.0 6.47
R 932 REMOVE OR INSTALL THROTTLE QUADRANT COMPONENTS 1.80 5.4 7.4 8.2 6.8 6.35
R 931 REMOVE OR INSTALL THROTTLE CABLES 1.59 5.4 6.5 7.4 5.9 5.86
R 929 REMOVE OR INSTALL THROTTLE CABLE PULLEYS .96 2.8 3.8 3.8 2.7 4.96
R 930 REMOVE OR INSTALL THROTTLE CABLE TENSION REGULATORS .34 2.0 1.8 1.9 1.5 5.28

198 16E(7). INSTALL STARTER CARTRIDGES 28/- 4C 4C

R 926 REMOVE OR INSTALL STARTER CARTRIDGES 1.39 11.7 13.4 14.0 7.6 3.89

STS 431X1 MATCHED WITH OCCUPATIONAL SURVEY DATA

PCP400 PAGE 40

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

D TSN	TITLES	X1 YE	1ST JOB	1ST ENL	431 (M)	431 (M)	51 (M)	71 (M)	X1 TO	(F)
199	167. PERFORM GROUND OPERATION OF ENGINE	1A/-	3C	4C						
1	914 OPERATE AIRCRAFT RADIOS	2.99	13.0	20.0	24.3	22.0			4.39	
U	980 OPERATE TURBOJET ENGINES	.67	2.1	5.2	6.7	5.9			6.20	
U	979 OPERATE TURBOFAN ENGINES	.85	1.7	3.7	4.7	5.0			6.37	
U	982 PERFORM TURBOFAN ENGINE WET TRIM	.27	.8	1.2	1.3	.9			6.46	
U	981 PERFORM TURBOFAN ENGINE DRY TRIM	.25	.8	1.2	1.4	1.1			6.10	
U	983 PERFORM TURBOJET ENGINE DRY TRIM	.17	.8	1.2	1.9	.2			6.85	
U	984 PERFORM TURBOJET ENGINE WET TRIM	.15	.8	1.1	1.4	.4			6.58	
200	166. TAKE ENGINE OIL SAMPLES (JOAP)	3B/18	4C	4C						
1	449 TAKE ENGINE OIL SAMPLES	6.59	75.2	71.0	66.8	34.0			3.16	
E	156 ANNOTATE OIL ANALYSIS REQUEST FORMS (DD FORM 2026)	5.86	33.9	37.0	37.6	27.2			4.03	
201	16M. PERFORM ENGINE REMOVAL PREPARATION PROCEDURES	28/-	3C	4C						
U	986 REMOVE OR INSTALL TURBOJET ENGINES	.51	5.2	6.0	8.7	2.3			7.15	
U	985 REMOVE OR INSTALL TURBOFAN ENGINES	.50	4.1	5.2	5.8	2.6			6.79	
202	16I. PERFORM ENGINE INSTALLATION PREPARATION PROCEDURES	28/-	3C	4C						
U	986 REMOVE OR INSTALL TURBOJET ENGINES	.51	5.2	6.0	6.7	2.3			7.15	
U	985 REMOVE OR INSTALL TURBOFAN ENGINES	.50	4.1	5.2	5.8	2.6			6.79	
203	16J. REMOVE ENGINE FROM AIRCRAFT	28/-	3C	4C						
U	986 REMOVE OR INSTALL TURBOJET ENGINES	.51	5.2	6.0	6.7	2.3			7.15	
U	985 REMOVE OR INSTALL TURBOFAN ENGINES	.50	4.1	5.2	5.8	2.6			6.79	
204	16K. INSTALL ENGINE IN AIRCRAFT	28/-	3C	4C						
U	986 REMOVE OR INSTALL TURBOJET ENGINES	.51	5.2	6.0	6.7	2.3			7.15	
U	985 REMOVE OR INSTALL TURBOFAN ENGINES	.50	4.1	5.2	5.8	2.6			6.79	

D TSK TITLES

Y1 Y2 Y3 Y4 Y5 Y6 Y7 Y8 Y9 Y10 Y11 Y12 Y13 Y14 Y15 Y16 Y17 Y18 Y19 Y20 Y21 Y22 Y23 Y24 Y25 Y26 Y27 Y28 Y29 Y30 Y31 Y32 Y33 Y34 Y35 Y36 Y37 Y38 Y39 Y40 Y41 Y42 Y43 Y44 Y45 Y46 Y47 Y48 Y49 Y50 Y51 Y52 Y53 Y54 Y55 Y56 Y57 Y58 Y59 Y60 Y61 Y62 Y63 Y64 Y65 Y66 Y67 Y68 Y69 Y70 Y71 Y72 Y73 Y74 Y75 Y76 Y77 Y78 Y79 Y80 Y81 Y82 Y83 Y84 Y85 Y86 Y87 Y88 Y89 Y90 Y91 Y92 Y93 Y94 Y95 Y96 Y97 Y98 Y99 Y100 Y101 Y102 Y103 Y104 Y105 Y106 Y107 Y108 Y109 Y110 Y111 Y112 Y113 Y114 Y115 Y116 Y117 Y118 Y119 Y120 Y121 Y122 Y123 Y124 Y125 Y126 Y127 Y128 Y129 Y130 Y131 Y132 Y133 Y134 Y135 Y136 Y137 Y138 Y139 Y140 Y141 Y142 Y143 Y144 Y145 Y146 Y147 Y148 Y149 Y150 Y151 Y152 Y153 Y154 Y155 Y156 Y157 Y158 Y159 Y160 Y161 Y162 Y163 Y164 Y165 Y166 Y167 Y168 Y169 Y170 Y171 Y172 Y173 Y174 Y175 Y176 Y177 Y178 Y179 Y180 Y181 Y182 Y183 Y184 Y185 Y186 Y187 Y188 Y189 Y190 Y191 Y192 Y193 Y194 Y195 Y196 Y197 Y198 Y199 Y200 Y201 Y202 Y203 Y204 Y205 Y206 Y207 Y208 Y209 Y210 Y211 Y212 Y213 Y214 Y215 Y216 Y217 Y218 Y219 Y220 Y221 Y222 Y223 Y224 Y225 Y226 Y227 Y228 Y229 Y230 Y231 Y232 Y233 Y234 Y235 Y236 Y237 Y238 Y239 Y240 Y241 Y242 Y243 Y244 Y245 Y246 Y247 Y248 Y249 Y250 Y251 Y252 Y253 Y254 Y255 Y256 Y257 Y258 Y259 Y260 Y261 Y262 Y263 Y264 Y265 Y266 Y267 Y268 Y269 Y270 Y271 Y272 Y273 Y274 Y275 Y276 Y277 Y278 Y279 Y280 Y281 Y282 Y283 Y284 Y285 Y286 Y287 Y288 Y289 Y290 Y291 Y292 Y293 Y294 Y295 Y296 Y297 Y298 Y299 Y300 Y301 Y302 Y303 Y304 Y305 Y306 Y307 Y308 Y309 Y310 Y311 Y312 Y313 Y314 Y315 Y316 Y317 Y318 Y319 Y320 Y321 Y322 Y323 Y324 Y325 Y326 Y327 Y328 Y329 Y330 Y331 Y332 Y333 Y334 Y335 Y336 Y337 Y338 Y339 Y340 Y341 Y342 Y343 Y344 Y345 Y346 Y347 Y348 Y349 Y350 Y351 Y352 Y353 Y354 Y355 Y356 Y357 Y358 Y359 Y360 Y361 Y362 Y363 Y364 Y365 Y366 Y367 Y368 Y369 Y370 Y371 Y372 Y373 Y374 Y375 Y376 Y377 Y378 Y379 Y380 Y381 Y382 Y383 Y384 Y385 Y386 Y387 Y388 Y389 Y390 Y391 Y392 Y393 Y394 Y395 Y396 Y397 Y398 Y399 Y400 Y401 Y402 Y403 Y404 Y405 Y406 Y407 Y408 Y409 Y410 Y411 Y412 Y413 Y414 Y415 Y416 Y417 Y418 Y419 Y420 Y421 Y422 Y423 Y424 Y425 Y426 Y427 Y428 Y429 Y430 Y431 Y432 Y433 Y434 Y435 Y436 Y437 Y438 Y439 Y440 Y441 Y442 Y443 Y444 Y445 Y446 Y447 Y448 Y449 Y450 Y451 Y452 Y453 Y454 Y455 Y456 Y457 Y458 Y459 Y460 Y461 Y462 Y463 Y464 Y465 Y466 Y467 Y468 Y469 Y470 Y471 Y472 Y473 Y474 Y475 Y476 Y477 Y478 Y479 Y480 Y481 Y482 Y483 Y484 Y485 Y486 Y487 Y488 Y489 Y490 Y491 Y492 Y493 Y494 Y495 Y496 Y497 Y498 Y499 Y500 Y501 Y502 Y503 Y504 Y505 Y506 Y507 Y508 Y509 Y510 Y511 Y512 Y513 Y514 Y515 Y516 Y517 Y518 Y519 Y520 Y521 Y522 Y523 Y524 Y525 Y526 Y527 Y528 Y529 Y530 Y531 Y532 Y533 Y534 Y535 Y536 Y537 Y538 Y539 Y540 Y541 Y542 Y543 Y544 Y545 Y546 Y547 Y548 Y549 Y550 Y551 Y552 Y553 Y554 Y555 Y556 Y557 Y558 Y559 Y560 Y561 Y562 Y563 Y564 Y565 Y566 Y567 Y568 Y569 Y570 Y571 Y572 Y573 Y574 Y575 Y576 Y577 Y578 Y579 Y580 Y581 Y582 Y583 Y584 Y585 Y586 Y587 Y588 Y589 Y590 Y591 Y592 Y593 Y594 Y595 Y596 Y597 Y598 Y599 Y600 Y601 Y602 Y603 Y604 Y605 Y606 Y607 Y608 Y609 Y610 Y611 Y612 Y613 Y614 Y615 Y616 Y617 Y618 Y619 Y620 Y621 Y622 Y623 Y624 Y625 Y626 Y627 Y628 Y629 Y630 Y631 Y632 Y633 Y634 Y635 Y636 Y637 Y638 Y639 Y640 Y641 Y642 Y643 Y644 Y645 Y646 Y647 Y648 Y649 Y650 Y651 Y652 Y653 Y654 Y655 Y656 Y657 Y658 Y659 Y660 Y661 Y662 Y663 Y664 Y665 Y666 Y667 Y668 Y669 Y670 Y671 Y672 Y673 Y674 Y675 Y676 Y677 Y678 Y679 Y680 Y681 Y682 Y683 Y684 Y685 Y686 Y687 Y688 Y689 Y690 Y691 Y692 Y693 Y694 Y695 Y696 Y697 Y698 Y699 Y700 Y701 Y702 Y703 Y704 Y705 Y706 Y707 Y708 Y709 Y710 Y711 Y712 Y713 Y714 Y715 Y716 Y717 Y718 Y719 Y720 Y721 Y722 Y723 Y724 Y725 Y726 Y727 Y728 Y729 Y730 Y731 Y732 Y733 Y734 Y735 Y736 Y737 Y738 Y739 Y740 Y741 Y742 Y743 Y744 Y745 Y746 Y747 Y748 Y749 Y750 Y751 Y752 Y753 Y754 Y755 Y756 Y757 Y758 Y759 Y760 Y761 Y762 Y763 Y764 Y765 Y766 Y767 Y768 Y769 Y770 Y771 Y772 Y773 Y774 Y775 Y776 Y777 Y778 Y779 Y780 Y781 Y782 Y783 Y784 Y785 Y786 Y787 Y788 Y789 Y790 Y791 Y792 Y793 Y794 Y795 Y796 Y797 Y798 Y799 Y800 Y801 Y802 Y803 Y804 Y805 Y806 Y807 Y808 Y809 Y810 Y811 Y812 Y813 Y814 Y815 Y816 Y817 Y818 Y819 Y820 Y821 Y822 Y823 Y824 Y825 Y826 Y827 Y828 Y829 Y830 Y831 Y832 Y833 Y834 Y835 Y836 Y837 Y838 Y839 Y840 Y841 Y842 Y843 Y844 Y845 Y846 Y847 Y848 Y849 Y850 Y851 Y852 Y853 Y854 Y855 Y856 Y857 Y858 Y859 Y860 Y861 Y862 Y863 Y864 Y865 Y866 Y867 Y868 Y869 Y870 Y871 Y872 Y873 Y874 Y875 Y876 Y877 Y878 Y879 Y880 Y881 Y882 Y883 Y884 Y885 Y886 Y887 Y888 Y889 Y890 Y891 Y892 Y893 Y894 Y895 Y896 Y897 Y898 Y899 Y900 Y901 Y902 Y903 Y904 Y905 Y906 Y907 Y908 Y909 Y910 Y911 Y912 Y913 Y914 Y915 Y916 Y917 Y918 Y919 Y920 Y921 Y922 Y923 Y924 Y925 Y926 Y927 Y928 Y929 Y930 Y931 Y932 Y933 Y934 Y935 Y936 Y937 Y938 Y939 Y940 Y941 Y942 Y943 Y944 Y945 Y946 Y947 Y948 Y949 Y950 Y951 Y952 Y953 Y954 Y955 Y956 Y957 Y958 Y959 Y960 Y961 Y962 Y963 Y964 Y965 Y966 Y967 Y968 Y969 Y970 Y971 Y972 Y973 Y974 Y975 Y976 Y977 Y978 Y979 Y980 Y981 Y982 Y983 Y984 Y985 Y986 Y987 Y988 Y989 Y990 Y991 Y992 Y993 Y994 Y995 Y996 Y997 Y998 Y999

205 16L. INSPECT INSTALLED ENGINE 28/18 3C 4C

R 868 INSPECT AIR INLET OR EXHAUST AREAS 4.96 39.6 39.8 39.8 32.4 4.47
R 895 INSPECT VISIBLE ENGINE MOUNTS OR ATTACH POINTS 3.48 21.5 25.4 26.8 21.8 4.62
R 883 INSPECT ENGINE OIL LINES OR FITTINGS 3.27 16.8 19.2 19.5 16.0 4.11
R 872 INSPECT ENGINE ACCESSORIES, SUCH AS FUEL PUMPS, HYDRAULIC PUMPS, OR CONSTANT SPEED DRIVES 3.08 16.2 17.6 19.9 18.0 4.83
R 880 INSPECT ENGINE INDICATORS OR INSTRUMENTS 2.79 10.3 13.3 15.0 15.8 4.19
R 867 INSPECT AFTERBURNER INLET EYE/ID SYSTEMS 2.49 18.9 18.2 18.8 17.9 4.58
R 891 INSPECT THROTTLE SYSTEM COMPONENTS 2.49 6.5 10.2 12.0 15.1 4.76
R 879 INSPECT ENGINE FUEL FILTERS 2.35 13.5 13.4 13.6 10.6 4.21
R 882 INSPECT ENGINE OIL FILTERS 2.22 13.9 12.7 12.9 8.9 4.12
R 885 INSPECT ENGINE DISCONNECT LINES 2.20 13.7 16.0 16.2 14.0 4.03
R 873 INSPECT ENGINE AIR LINES OR FITTINGS 2.15 9.4 10.9 11.4 12.0 4.47
R 890 INSPECT STARTERS 2.15 7.2 10.0 11.3 12.7 4.44
R 877 INSPECT ENGINE FIREWALLS 1.94 14.8 16.1 16.6 14.6 4.25
R 881 INSPECT ENGINE OIL COOLERS 1.77 6.3 7.8 8.9 7.8 4.30
R 878 INSPECT ENGINE FUEL CONTROLS 1.75 5.9 6.9 8.2 9.8 4.86
R 871 INSPECT CARTRIDGE TYPE STARTER BREACH CAPS 1.63 17.5 20.8 21.6 19.7 3.58
R 870 INSPECT BLOW-IN, SUCKER, OR FLIPPER DOORS 1.39 17.0 18.0 17.5 11.4 3.98
R 894 INSPECT VARIAMP AIR INDUCTION SYSTEMS 1.08 6.9 10.1 11.7 11.2 5.05
R 874 INSPECT ENGINE BLEED VALVE ASSEMBLIES 1.03 3.6 4.5 5.3 7.2 4.49
R 876 INSPECT ENGINE PNEUMATIC SHUT OFF VALVES .94 3.9 3.7 3.8 6.8 4.13
R 869 INSPECT BELMOUTH AIR INDUCTION SYSTEMS .65 6.2 9.9 10.8 9.8 4.57
R 889 INSPECT SPIRE AIR INDUCTION SYSTEMS .48 2.3 3.7 4.2 4.3 4.68
R 886 INSPECT ENGINE PRESSURIZATION OR DUMP VALVE SCREENS .36 2.0 1.9 2.0 2.0 4.12
R 896 INSPECT ENGINE VORTEX SYSTEMS .19 2.3 2.7 2.8 2.6 3.82
R 897 ISOLATE SPIRE AIR INDUCTION SYSTEM MALFUNCTIONS .17 .6 .6 .8 .7 6.47
R 896 ISOLATE BELMOUTH AIR INDUCTION SYSTEM MALFUNCTIONS .15 1.5 2.4 2.6 2.6 6.40
R 887 INSPECT PNEUMATIC WATER INJECTION PUMPS OR BRACKETS .02 .7 1.1 1.5 .8 4.27

206 16M. INSPECT INSTALLED AUXILIARY POWER UNIT 28/18 3C 4C

R 549 INSPECT AUXILIARY POWER UNITS INPUT, EMERGENCY POWER UNITS (EPU), OR GAS TURBINE COMPRESSORS (GTC) 1.31 12.5 12.2 12.6 6.5 4.87

207 16N. CLEAN ENGINE OIL SCREENS 28/18 3C 4C

208 17. PROPELLERS

D TSM	TITLES	X1	1ST	1ST	431	432	X1
		YE	JOB	EML	51	73	YD
		D	(M)	(M)	(M)	(M)	(F)

209 17A. PROPELLER SYSTEM COMPONENTS AND SYSTEM OPERATION A B C

210 17B. INSPECT PROPELLER SYSTEM 2B/- 3C 4C

R 888 INSPECT PROPELLERS	.58	3.2	2.3	2.1	1.8	4.32
S 949 INSPECT PROPELLER GOVERNOR REGULATORS	.21	1.1	.9	1.1	.7	4.75

211 17C. SERVICE PROPELLER SYSTEM 2B/- 3C 4C

S 966 SERVICE RECIPROCATING ENGINE PROPELLER GOVERNOR REGULATORS	.11	.7	.9	.3	.0	5.49
T 977 SERVICE TURBOPROP PROPELLERS	.07	.7	.7	.7	.2	4.91

212 18. AIRCRAFT FUEL SYSTEMS

213 18A. FUEL SYSTEM COMPONENTS AND SYSTEM OPERATION A B C

214 18B11. PERFORM INTERNAL FUEL SYSTEM OPERATIONAL CHECK 2B/1B 3C 4C

0 790 OPERATIONALLY CHECK FUEL BOOST PUMPS	3.23	23.7	26.4	27.2	17.9	4.57
0 809 TRANSFER FUEL WITHIN AIRCRAFT	2.99	22.7	27.0	28.2	17.4	4.85
0 791 OPERATIONALLY CHECK FUEL CONTROL PANELS	2.39	17.2	19.6	20.9	12.8	4.56
0 794 OPERATIONALLY CHECK FUEL TANK FEED SYSTEMS	1.84	12.3	13.9	15.1	11.4	4.91
0 796 OPERATIONALLY CHECK FUEL TRANSFER PUMPS	1.82	18.3	19.7	20.4	12.5	4.72
0 797 OPERATIONALLY CHECK FUEL VALVES	1.38	10.8	12.3	13.0	8.1	4.83
0 795 OPERATIONALLY CHECK FUEL TANK PRESSURE SYSTEMS	1.34	9.0	10.0	11.2	7.4	4.95
0 792 OPERATIONALLY CHECK FUEL CROSSFEED SYSTEMS	1.10	9.6	9.6	10.1	5.5	4.83
0 798 OPERATIONALLY CHECK IN-FLIGHT FUEL DUMP SYSTEMS	.42	1.8	2.7	2.8	1.3	5.02
0 793 OPERATIONALLY CHECK FUEL MANIFOLD DRAIN PUMPS	.32	3.7	4.5	4.9	1.4	4.86

215 18B12. PERFORM EXTERNAL FUEL SYSTEM OPERATIONAL CHECK 3C 4C

SYS 431X1 MATCHED WITH OCCUPATIONAL SURVEY DATA

FCP400 PAGE 43 OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

O TSK	TITLES	X1	1ST	1ST	431	431	X1
		1E	JOB	ENL	51	71	TD
		AD	(M)	(M)	(M)	(M)	(F)

0 789 OPERATIONALLY CHECK EXTERNAL FUEL TANKS
0 804 TRANSFER FUEL WITHIN AIRCRAFT

3.15	19.7	23.5	25.6	17.2	5.07
2.99	22.7	27.0	28.2	17.4	4.85

216 18C. REFUEL AIRCRAFT (NORMAL)

217 18C11. REFUEL TEAM SUPERVISOR

NC NC

1 393 DIRECT FUELING OR DEFUELING OPERATIONS

6.19	55.6	60.9	61.9	41.6	4.86
------	------	------	------	------	------

218 18C12. REFUEL TEAM MEMBER

NC

1 402 FUEL AIRCRAFT USING SINGLEPOINT REFUELING METHODS
1 401 FUEL AIRCRAFT USING OVERWING REFUELING METHODS

5.32	71.1	68.9	66.1	38.6	3.88
4.97	80.8	83.8	83.1	22.9	3.92

219 18D. REFUEL AIRCRAFT WITH ENGINE OPERATING

220 18D11. REFUEL TEAM SUPERVISOR

NC NC

221 18D12. REFUEL TEAM MEMBER

NC NC

1 400 FUEL AIRCRAFT USING HOT PIT REFUELING METHODS

2.91	19.2	18.2	18.8	8.2	5.16
------	------	------	------	-----	------

222 18E. DEFUEL AIRCRAFT

223 18E11. DEFUEL TEAM SUPERVISOR

NC NC

1 393 DIRECT FUELING OR DEFUELING OPERATIONS

6.19	55.6	60.9	61.9	41.6	4.86
------	------	------	------	------	------

SYS 431X1 MATCHED WITH OCCUPATIONAL SURVEY DATA

FCP600 PAGE 44

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

D TSM	TITLES	X1	YE	1ST	JOB	1ST	431	431	51	71	TD	(F)
		00	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(F)

224 18E123. DEFUEL TEAM MEMBER 28/18 3C 4C

1 391 DEFUEL AIRCRAFT USING SINGLEPOINT METHODS
1 398 DRAIN WATER FROM FUEL TANK SUMPS
1 390 DEFUEL AIRCRAFT USING OVERWING METHODS

225 18F. PREPARE AIRCRAFT FOR FUEL CELL MAINTENANCE 18/- 28 3C

0 799 PREPARE AIRCRAFT OF FUEL CELL MAINTENANCE
0 776 DRY-DOWN FUEL TANKS

226 18G113. REMOVE EXTERNAL FUEL TANKS 28/- 3C 4C

0 801 REMOVE OR INSTALL EXTERNAL FUEL TANKS
0 805 REMOVE OR INSTALL FUEL TANK PYLONS

227 18G127. REMOVE AIRCRAFT FUEL CELLS/TANKS 28/- 3C 3C

228 18H113. INSTALL EXTERNAL FUEL TANKS 28/- 3C 4C

0 801 REMOVE OR INSTALL EXTERNAL FUEL TANKS
0 805 REMOVE OR INSTALL FUEL TANK PYLONS

229 18H127. INSTALL AIRCRAFT FUEL CELLS/TANKS 28/- 3C 3C

230 18I. CHANGE FUEL FILTERS 28/- 4C 3C

231 18J. CLEAN FUEL FILTERS 28/- 4C 3C

D TSK	TITLES	X1	1ST	1ST	431	431	X1
		TE	JOB	ENL	51	71	TO
		400	(M)	(M)	(M)	(M)	(F)

232 104. CLASSIFY FUEL LEAKS - 3C 4C

233 181. INSPECT AIRCRAFT FUEL SYSTEM 28710 3C 4C

0 779	INSPECT FUEL TANKS FOR LEAKS	4.66	43.7	43.0	42.4	29.8	4.06
0 780	INSPECT SINGLEPOINT FUEL RECEPTACLES	4.08	48.5	46.2	45.3	29.9	3.78
0 781	INSPECT FUEL VENT OUTLETS	3.82	34.4	34.7	34.0	23.6	3.44
0 777	INSPECT EXTERNAL FUEL SYSTEM COMPONENTS, SUCH AS CANNON PLUGS, LOCKING MECHANISMS, VALVES, OR LINES	3.97	31.1	31.8	31.8	22.5	4.48
0 780	INSPECT FUEL TRANSFER PUMPS	.92	11.7	10.3	10.1	6.8	4.63
0 783	INSPECT IN-FLIGHT FUEL DUMP SYSTEMS	.67	8.0	8.2	8.2	5.7	4.39
0 778	INSPECT FUEL MANTROLO DRAIN PUMPS	.83	5.6	5.1	5.4	4.2	4.30
0 785	INSPECT SURGE TANKS OR VENT BOXES	.40	2.4	2.6	3.1	3.2	3.92

234 184. IN-FLIGHT REFUELING SYSTEM

235 184(1). IFR SYSTEM COMPONENTS AND OPERATION A B C

236 184(2). INSPECT IFR SYSTEM 28710 3C 4C

X1032	INSPECT IFR RECEPTACLES	2.79	22.7	26.4	27.0	18.9	4.35
X1029	INSPECT IFR DOORS	2.60	27.6	31.2	31.3	18.1	4.17

237 184(3). PERFORM OPERATIONAL CHECK OF IFR SYSTEM 28710 3C 4C

X1034	OPERATIONALLY CHECK IFR DOORS	2.06	18.9	24.2	25.2	11.9	4.54
X1036	OPERATIONALLY CHECK IFR RECEPTACLES	1.61	9.3	12.3	12.7	7.5	4.54

238 19. ELECTRICAL SYSTEMS

D TSK TITLES

X1 157 157 X1
YE JOB ENL TO
000 (M) (M) (F)

239 19A. ELECTRICAL SYSTEM COMPONENTS AND SYSTEM OPERATION A B C

240 19B(1). PERFORM ELECTRICAL SUPPLY SYSTEM OPERATIONAL CHECK 2B/1B 2C 3C

N 758 OPERATIONALLY CHECK BATTERIES 4.63 44.6 46.5 45.6 25.1 3.72
N 761 OPERATIONALLY CHECK INVERTERS 2.03 7.7 8.5 9.1 8.7 3.76
N 757 OPERATIONALLY CHECK ALTERNATORS OR GENERATORS 1.84 5.6 9.2 10.8 9.7 5.33
N 763 OPERATIONALLY CHECK TRANSFORMER RECTIFIERS .92 3.0 3.9 4.0 2.9 4.30
N 579 OPERATIONALLY CHECK RAT'S .82 7.2 9.7 10.1 5.6 4.42
N 762 OPERATIONALLY CHECK PROXIMITY OR MICRO SWITCHES .80 3.7 4.1 4.2 2.8 4.57

241 19B(2). PERFORM LIGHTING SYSTEM OPERATIONAL CHECK 2B/1B 4C 4C

N 759 OPERATIONALLY CHECK EXTERNAL LIGHTS 5.87 50.9 59.5 50.7 31.8 3.31
N 760 OPERATIONALLY CHECK INTERNAL LIGHTS 5.85 57.5 58.5 57.7 31.3 3.32
N 755 ISOLATE EXTERNAL LIGHTING SYSTEM MALFUNCTIONS 2.32 15.2 17.1 17.3 9.4 6.02
N 756 ISOLATE INTERNAL LIGHTING SYSTEM MALFUNCTIONS 2.11 11.8 13.9 14.3 8.2 6.01

242 19B(3). PERFORM INDICATOR WARNING SYSTEM OPERATIONAL CHECK 2B/1B 3C 4C

243 19C(1). REMOVE LIGHT LENSES 2B/1B 3C 4C

N 771 REMOVE OR INSTALL LIGHT LENSES 5.84 56.2 56.4 55.0 28.3 2.31

244 19C(2). REMOVE LIGHT BULBS 2B/1B 3C 4C

N 770 REMOVE OR INSTALL LIGHT BULBS 5.87 69.6 67.3 64.2 31.7 2.23

245 19C(3). REMOVE BATTERIES 2B/1B 4C 4C

N 768 REMOVE OR INSTALL BATTERIES 5.86 62.4 60.8 57.8 30.4 4.38

O TSK	TITLES	X1	YE	00	1ST	JOB	EHL	1ST	431	431	X1	X1
246	19C(4). REMOVE HARNESES	28/18	3C	3C								
247	19D(1). INSTALL LIGHT LENSES	28/18	3C	4C								
N 771	REMOVE OR INSTALL LIGHT LENSES	5.84	56.2	56.4	55.0	28.3	2.31					
248	19D(2). INSTALL LIGHT BULBS	28/18	3C	4C								
N 770	REMOVE OR INSTALL LIGHT BULBS	5.87	69.6	67.3	64.2	31.7	2.23					
249	19D(3). INSTALL BATTERIES	28/18	4C	4C								
N 768	REMOVE OR INSTALL BATTERIES	5.46	62.4	60.8	57.8	30.4	4.38					
250	19D(4). INSTALL HARNESES	28/18	3C	3C								
251	19E. USE WIRING DIAGRAMS	18/A	20	20								
N 267	INTERPRET SYSTEM SCHEMATICS	1.77	6.8	6.4	7.2	10.9	6.82					
N 264	INTERPRET SYSTEM LAYOUT DRAWINGS OR BLUEPRINTS	.91	3.8	4.8	5.4	6.1	6.69					
N 265	INTERPRET SYSTEM GRAPHS OR CHARTS	.85	4.1	4.9	5.5	6.4	5.78					
252	19F. INSPECT (1)COMPONENTS, (2)CONTROLS, 28/18 3C 4C AND (3)HARNESES AND CONNECTORS											
N 747	INSPECT EXTERNAL LIGHTS	5.78	61.7	60.9	58.5	37.4	3.45					
N 750	INSPECT INTERNAL LIGHTS	5.34	55.5	54.9	54.2	33.3	3.44					
N 748	INSPECT EXTERNAL POWER RECEPTACLES	5.05	42.0	44.1	43.8	30.2	3.44					
N 749	INSPECT FUSE OR CIRCUIT BREAKER PANELS	4.95	47.0	47.4	47.2	27.1	3.58					
N 746	INSPECT BATTERY VENT SYSTEMS	3.64	29.4	30.1	29.9	21.7	3.84					
N 743	INSPECT AIRCRAFT WIRING OR CONNECTORS	3.82	28.3	31.1	31.5	20.7	4.44					
N 753	INSPECT NICKEL-CADMIUM BATTERIES	3.03	22.5	22.8	22.8	18.3	4.04					
N 740	INSPECT ALTERNATORS OR GENERATORS	1.95	9.4	10.0	10.8	7.9	4.70					
N 751	INSPECT INVERTERS	1.42	5.4	6.1	6.6	6.2	4.23					
N 594	INSPECT DAN AND TURBINES (RAT)	1.04	10.4	13.5	13.5	7.6	4.46					
N 750	INSPECT TRANSFORMER RECTIFIERS	.89	4.9	5.1	5.3	5.7	4.49					

D TSM TITLES

	X1	1ST	1ST	431	431	X1
	YE	JOB	EMC	51	71	TD
	00	(M)	(M)	(M)	(M)	(F)
N 752 INSPECT LEAD-ACID BATTERIES	.75	5.6	5.9	5.8	4.1	3.97
N 545 INSPECT AIR TURBINE MOTORS (ATM)	.36	6.6	5.5	5.4	2.3	4.83
N 587 REMOVE OR INSTALL ATM'S	.18	1.7	1.3	1.1	.6	6.00

253 196. CONNECT EXTERNAL ELECTRICAL POWER 28/18 NC NC

254 194. DISCONNECT EXTERNAL ELECTRICAL POWER 28/18 NC NC

255 191. SERVICE ELECTRICAL COMPONENTS SUCH AS BATTERIES AND SUMP JARS 28/18 NC NC

N 742 CLEAN BATTERY TERMINALS OR CONNECTORS	2.45	19.3	18.2	16.7	6.8	3.19
N 774 SERVICE BATTERY SUMP JARS	.86	3.8	3.7	3.8	1.9	2.94
N 773 SERVICE BATTERIES	.57	4.8	4.0	3.9	1.6	3.31
N 764 PERFORM BATTERY SPECIFIC GRAVITY CHECKS	.41	1.7	1.7	1.9	1.2	4.11

256 20. CORRECT SYSTEM

257 20A. CORRECT SYSTEM COMPONENTS AND SYSTEM OPERATION A B C

N 270 ISOLATE CANOPY SYSTEM MALFUNCTIONS	2.40	8.9	10.0	11.7	11.2	7.06
--	------	-----	------	------	------	------

258 20B17. PERFORM CANOPY SYSTEM OPERATIONAL CHECK 28/18 NC NC

N 287 OPERATIONALLY CHECK CANOPIES

	5.29	56.6	57.1	55.7	33.8	4.49
--	------	------	------	------	------	------

259 20B12). PERFORM SEAT ADJUSTMENT SYSTEM OPERATIONAL CHECK 28/18 3C NC

N 256 INSPECT SEAT LOCKING MECHANISMS

	2.23	24.6	23.5	23.1	16.4	4.26
--	------	------	------	------	------	------

D TSN	TITLES	X1 7E	1ST JOB (M)	1ST FNL (M)	X31 51 (M)	X31 71 (M)	X1 TO (F)
260	20C. INSTALL SAFETY PINS						
N 390	REMOVE OR INSTALL SAFETY DEVICES, SUCH AS SEAT PINS OR SEAT LOCKS	6.17	63.7	61.1	58.9	34.6	3.23
261	20D. REMOVE SAFETY PINS						
N 380	REMOVE OR INSTALL SAFETY DEVICES, SUCH AS SEAT PINS OR SEAT LOCKS	6.17	63.7	61.1	58.9	34.6	3.23
262	20E. INSPECT EGRESS SYSTEM						
N 297	INSPECT SEATS, SEATBELTS, INERTIAL SEELS, OR SHOULDER HARNESSES	8.34	88.7	85.1	82.3	40.0	4.82
N 243	INSPECT CANOPY SYSTEMS	5.53	51.0	51.0	50.8	37.0	5.70
N 247	INSPECT EJECTION SYSTEMS	4.77	35.6	34.9	34.8	23.5	6.41
263	20F. ADJUST CANOPY LINKAGE AND LATCHING MECHANISMS						
N 209	ADJUST CANOPY LINKAGE OR LATCHING MECHANISMS	3.74	14.2	16.8	17.8	13.0	8.95
264	21. DRAG CHUTE SYSTEM						
265	21A. DRAG CHUTE COMPONENTS AND SYSTEM OPERATION						
N 329	REMOVE OR INSTALL DRAGCHUTE DOOR LINKAGE OR LATCHING MECHANISM COMPONENTS	1.44	14.6	18.2	19.1	11.5	5.85
266	21B. PERFORM OPERATIONAL CHECK OF DRAG CHUTE SYSTEM						
N 290	OPERATIONALLY CHECK DRAGCHUTE RELEASE SYSTEMS	1.68	25.8	28.0	27.9	16.5	4.41

STS 931X1 MATCHED WITH OCCUPATIONAL SURVEY DATA

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

FCP600 PAGE 50

D TSK

TITLES

X1 1ST 1ST 431 431 X1
YE 71 71 YD
90 (M) (M) (F)

267 21C. ADJUST DRAG CHUTE SYSTEM - 3C 4C

M 21A ADJUST DRAGCHUTE DOOR LINKAGE OR LATCHING MECHANISMS

268 21D. REMOVE CHUTE ASSEMBLY 28/18 3C 4C

I 433 REMOVE OR INSTALL DRAGCHUTES

269 21E. INSTALL CHUTE ASSEMBLY 28/18 3C 4C

I 433 REMOVE OR INSTALL DRAGCHUTES

270 21F. TROUBLESHOOT DRAG CHUTE SYSTEM - 28 3C

M 267 INTERPRET SYSTEM SCHEMATICS

M 273 ISOLATE DRAGCHUTE SYSTEM MALFUNCTIONS

M 266 INTERPRET SYSTEM LAYOUT DRAWINGS OR BLUEPRINTS

M 265 INTERPRET SYSTEM GRAPHS OR CHARTS

271 21B. INSPECT DRAG CHUTE SYSTEM 28/18 3C 4C

M 246 INSPECT DRAGCHUTE SYSTEMS

272 22. AEROSPACE GROUND EQUIPMENT

273 22A. MAINTENANCE STANDS: (1)INSPECT OR 28/18 4C 4C
121USE

I 422 OPERATE MAINTENANCE STANDS

P 834 PERFORM NONPOWERED AOE PRIOR-TO-USE INSPECTIONS

274 22B. AIRCRAFT JACKS: (1)INSPECT OR 28/18 3C 4C
121USE

I 405 JACK AIRCRAFT USING AXLE JACKS

1.67 16.9 18.2 19.3 12.5 5.93

2.09 30.8 33.6 33.0 17.8 4.12

2.09 30.8 33.6 33.0 17.8 4.12

1.77 6.6 6.4 1.2 10.9 6.82

1.33 8.7 11.9 13.1 10.5 6.38

.91 3.8 4.8 3.8 6.1 5.89

.85 4.1 4.9 5.5 6.4 5.78

1.99 30.7 32.8 32.5 22.0 5.23

6.21 78.2 75.2 72.6 47.8 2.55

5.37 10.4 12.1 13.2 12.2 2.98

6.88 74.4 69.0 65.2 39.1 3.43

D TSM TITLES

I 906 JACK AIRCRAFT USING TRIPOD JACKS
P 834 PERFORM NONPOWERED AGE PRIOR-TO-USE INSPECTIONS

275 22C. OXYGEN SERVICING EQUIPMENT: 28/18 4C 4C
(1)INSPECT OR 12)USE

P 834 PERFORM NONPOWERED AGE PRIOR-TO-USE INSPECTIONS
P 820 OPERATIONALLY CHECK LOX SERVICING CARTS
P 826 OPERATIONALLY CHECK GASEOUS OXYGEN SERVICING CARTS

276 22D. AIR COMPRESSORST 1)INSPECT OR 28/18 3C 4C
(2)USE

I 412 OPERATE AIR COMPRESSORS

277 22E. GROUND HEATERS AND BLOWERS: 28/18 3C 4C
(1)INSPECT OR 12)USE

I 418 OPERATE GROUND HEATERS
I 439 REMOVE SNOW OR ICE FROM AIRCRAFT USING AGE

278 22F. PORTABLE GENERATORS: 1)INSPECT OR 28/18 3C 4C
(2)USE

I 424 OPERATE PORTABLE GENERATORS

279 22G. PORTABLE LIGHTING EQUIPMENT: 28/18 3C 3C
(1)INSPECT OR 12)USE

I 425 OPERATE PORTABLE LIGHTING EQUIPMENT

280 22H. PORTABLE HYDRAULIC TEST STAND: 28 3C
(1)INSPECT OR 12)USE

I 421 OPERATE HYDRAULIC TEST STANDS

X1 15T 15T 431 431 X1
TE JOB ENL 51 71 TO
4D* (M) (M) (M) (F)

6.73 77.6 73.9 69.8 43.3 4.28
3.57 10.4 12.1 11.2 12.2 2.98

3.57 10.4 12.1 13.2 12.2 2.98
3.37 23.7 23.3 23.3 11.8 3.93
2.04 11.8 11.9 12.0 5.9 3.69

5.76 54.9 55.4 54.6 39.2 3.62

5.34 53.0 53.2 53.0 33.3 3.89
3.67 21.4 22.8 21.8 11.1 3.97

5.63 56.9 55.3 53.0 37.0 3.73

6.25 75.2 74.2 71.8 46.8 2.91

5.15 41.7 44.9 45.4 33.6 5.23

STX 431X1 MATCHED WITH OCCUPATIONAL SURVEY DATA

FCP670 PAGE 52

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

D TSK TITLES

201 221. AIR CONDITIONING UNITS: (1)INSPECT 20/8 3C AC
OR (2)USE

I 423 OPERATE PORTABLE AIR-CONDITIONING EQUIPMENT

202 22J. GAS TURBINE COMPRESSORS: (1)INSPECT 20/18 3C AC
OR (2)USE

I 427 OPERATE GAS TURBINE COMPRESSORS

203 22K. TOW VEHICLES: (1)INSPECT OR (2)USE 20/- 3C 3C

I 426 OPERATE TOW VEHICLES DURING AIRCRAFT TOWING OPERATIONS

204 22L. NITROGEN SERVICING EQUIPMENT: 20/- 3C 3C
(1)INSPECT OR (2)USE

P 834 PERFORM NONPOWERED AGE PRIOR-TO-USE INSPECTIONS

P 829 OPERATIONALLY CHECK NITROGEN SERVICING CARTS

205 22M. MOISTING EQUIPMENT: (1)INSPECT OR 20/- AC AC
(2)USE

P 834 PERFORM NONPOWERED AGE PRIOR-TO-USE INSPECTIONS

206 22N. POWER PLANT STANDS AND DOLLIES: 20/- AC AC
(1)INSPECT OR (2)USE

P 834 PERFORM NONPOWERED AGE PRIOR-TO-USE INSPECTIONS

Y1	1ST	1ST	431	431	X1
Y2	J08	ENL	51	71	TD
Y0*	(M)	(M)	(M)	(M)	(F)

2.89	17.7	20.5	21.8	14.8	4.00
------	------	------	------	------	------

3.85	41.5	37.3	36.8	27.0	3.91
------	------	------	------	------	------

6.28	30.8	40.8	48.7	43.9	4.35
------	------	------	------	------	------

3.57	10.4	12.1	13.2	12.2	2.98
3.42	15.9	17.3	18.1	9.4	3.65

3.57	10.4	12.1	13.2	12.2	2.98
------	------	------	------	------	------

3.57	10.4	12.1	13.2	12.2	2.98
------	------	------	------	------	------

D TSM	TITLES	X1	TE	00*	157	JOB	ENL	431	431	X1
					(M)	(M)	(M)	51	71	TO
								(M)	(M)	(F)

TASKS NOT REFERENCED

6 200 ORC PARTS BY VOICE COMMUNICATIONS

I 434 REMOVE SNOW OR ICE FROM AIRCRAFT MANUALLY

M 378 RETORQUE STRUCTURE MOUNT BOLTS

P 841 TOW NONPOWERED AGE

I 398 COOL HOT BRAKES

I 427 PERFORM AIRCRAFT COLD WEATHER PROCEDURES

P 818 MAINTAIN MAINTENANCE STRINGS

P 837 SERVICE HYDRAULIC SERVICING CARTS

M 231 DEBRISTE AIRCRAFTS

P 840 SERVICE OIL SERVICING CARTS

P 824 MAINTAIN WARNING SIGNS, SUCH AS "DANGER AIRCRAFT ON JACKS"

M 320 REMOVE OR INSTALL CHROPPY MAIN SERLS

P 813 MAINTAIN AIRCRAFT JACKS

U 810 TRANSPORT EXTERNAL FUEL TANKS FROM OR TO STORAGE AREAS

P 811 INSPECT GROUND ENGINE RUNUP SCREENS

P 823 MAINTAIN TOWING EQUIPMENT OTHER THAN VEHICLES

P 821 MAINTAIN OIL SERVICING CARTS

P 825 MAINTAIN WASTE OIL OR CONTAMINATED FUEL BOUSERS

O 808 REMOVE OR INSTALL STAND PIPES OR SEALS ON EXTERNAL FUEL TANKS

M 772 REMOVE OR INSTALL LIGHT REFLECTORS

M 769 REMOVE OR INSTALL FUSES OR CURRENT LIMITERS

O 800 PREPARE EXTERNAL FUEL TANKS FOR STORAGE

P 820 MAINTAIN NITROGEN SERVICING CARTS

M 376 REMOVE SCRATCHES FROM TRANSPARENT SURFACES

M 319 REMOVE OR INSTALL CHROPPY PRESSURE SERLS

P 817 MAINTAIN LOX SERVICING CARTS

M 237 INSPECT AIRCRAFT EMERGENCY EQUIPMENT FOR AVAILABILITY, SUCH AS FIRST AID KITS, TOOLS, OR FIRE EXTINGUISHERS

J 462 BREAK DOWN WHEEL AND TIRE ASSEMBLIES

J 463 BUILD UP WHEEL AND TIRE ASSEMBLIES

I 416 OPERATE DOLLIES, SLINGS, OR CRADLES

M 302 REMOVE OR INSTALL ACCESS DOOR OR WATCH PRESSURE SEALS

M 352 REMOVE OR INSTALL SEATBELTS OR SHOULDER HARNESSSES

P 819 MAINTAIN MAINTENANCE TRAILERS OR DOLLIES

R 859 ADJUST THROTTLE LINKAGES OR CABLES

R 860 ADJUST THROTTLE QUADRANTS

X1040 REMOVE OR INSTALL TYP-000MS

P 833 PERFORM MINOR MAINTENANCE ON LOX CARTS, SUCH AS TIGHTENING SCREWS OR BOLTS

P 815 MAINTAIN GASEOUS OXYGEN SERVICING CARTS

B 59 WRITE CORRESPONDENCE

I 404 INSTALL OR REMOVE AIRCRAFT DECALS

L 100 AMBULATE EQUIPMENT DISCREPANCIES FORMS TYP FORM 24217

P 839 SERVICE NITROGEN SERVICING CARTS

R 899 ISOLATE THROTTLE SYSTEM MALFUNCTIONS

M 740 STRAIGHTEN OR REMOVE SMALL DENTS FROM AIRCRAFT PANELS

1 STD DEVIATION ABOVE MEAN TNG EMPHASIS

TRAINING EMPHASIS

"VERY HIGH" IN

"ABOVE AVERAGE" IN TRAINING EMPHASIS

AVERAGE IN TRAINING EMPHASIS RATINGS

4.09	23.2	30.0	32.5	35.5	3.89
4.01	32.7	33.8	32.8	15.7	3.53
3.83	28.9	31.3	30.6	17.6	4.38
3.71	17.2	22.9	24.4	17.7	2.12
3.65	11.5	14.8	14.7	9.2	4.55
3.55	19.6	22.4	22.9	11.7	4.52
3.33	9.2	10.1	10.7	6.8	3.06
3.28	15.6	17.5	18.0	9.8	2.80
3.23	15.6	17.5	15.7	25.3	4.79
3.04	9.0	10.6	17.4	9.9	2.74
2.94	12.7	12.9	11.0	7.1	2.13
2.93	12.6	12.9	12.6	5.5	3.62
2.85	23.4	27.9	28.2	15.6	4.21
2.72	17.5	20.2	20.8	12.1	2.93
2.72	17.5	23.1	24.6	17.0	3.23
2.71	6.3	8.4	9.2	6.7	3.36
2.62	11.5	12.2	12.2	5.1	3.36
2.54	7.2	10.3	10.7	4.9	2.66
2.49	12.5	17.1	18.4	11.4	4.46
2.41	17.5	16.5	15.7	6.6	2.31
2.36	15.4	18.9	18.7	9.9	3.77
2.31	16.6	19.5	19.7	7.7	4.08
2.30	4.4	4.9	5.3	3.0	3.66
2.28	8.6	11.5	12.1	4.1	5.32
2.28	14.8	15.9	15.3	6.8	5.29
2.24	5.8	6.5	6.9	3.5	4.31
1.99	30.4	27.7	25.9	14.2	3.89
1.93	28.1	19.5	16.2	4.7	4.46
1.88	14.9	15.2	12.7	3.9	4.56
1.85	16.5	17.5	20.9	13.2	4.36
1.83	18.9	18.1	18.0	10.2	4.72
1.78	14.8	14.8	14.4	7.3	4.43
1.75	3.8	5.3	5.6	4.2	3.27
1.71	5.2	6.8	7.8	7.5	5.80
1.71	5.9	7.8	8.4	7.9	6.16
1.67	6.3	10.9	12.0	5.0	4.98
1.64	6.3	6.7	6.9	3.5	2.68
1.59	5.4	5.6	5.8	2.8	3.89
1.55	1.8	3.7	5.1	25.3	6.55
1.55	16.2	17.4	17.1	5.5	2.83
1.54	9.4	9.2	9.4	8.3	4.38
1.53	3.0	3.3	3.5	1.7	3.35
1.52	3.4	4.4	5.3	7.4	6.59
1.50	13.5	15.6	16.1	8.0	4.43

ST5 031X1 MATCHED WITH OCCUPATIONAL SURVEY DATA

FCP600 PAGE 54

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

O TSK	TITLES	X1 YE #0*	IST (M)	ENL (M)	431 (M)	431 (M)	X1 TO (F)
M 351	REMOVE OR INSTALL SEAT LOCKING MECHANISM COMPONENTS	1.50	11.4	10.9	10.4	5.1	4.21
A 19	PLAN SAFETY PROGRAMS	1.48	1.5	2.1	3.1	13.0	5.55
O 803	REMOVE OR INSTALL FUEL DRAIN VALVES	1.47	5.5	7.4	7.9	4.8	4.84
I 431	WEIGH AIRCRAFT	1.37	7.5	7.7	7.7	6.2	6.36
R 864	CLEAN CARTRIDGE TYPE STARTER BREECH CAPS	1.35	13.4	17.0	17.6	10.4	3.22
P 836	SERVICE BASEDUS OXYGEN SERVICING CARTS	1.34	3.0	3.8	4.0	1.7	3.60
I 384	BLEED EMERGENCY POWER UNIT NITROGEN CHARGES	1.32	14.9	13.9	12.8	5.9	3.93
R 922	REMOVE OR INSTALL ENGINE OIL FILTERS	1.30	5.1	5.5	5.7	2.9	4.57
A 16	PARTICIPATE IN MEETINGS, SUCH AS STAFF MEETINGS, BRIEFINGS, CONFERENCES, OR WORKSHOPS	1.28	12.3	11.9	13.4	47.6	4.52
P 812	LUBRICATE NONPOWERED AGE	1.28	4.8	6.5	6.4	2.9	3.01
P 838	SERVICE LOX SERVICING CARTS	1.28	3.5	4.3	4.6	2.5	3.94
I 399	FOLD OR UNFOLD WINGS	1.28	26.3	27.6	27.9	17.5	3.59
P 835	PERFORM PERIODIC INSPECTION ON NONPOWERED AGE	1.24	4.2	4.9	5.2	3.8	3.43
M 354	REMOVE OR INSTALL SHOULDER HARNESS INERTIAL REELS	1.23	9.9	8.8	8.3	5.0	5.23
P 831	PERFORM CORROSION CONTROL ON NONPOWERED AGE	1.22	2.8	4.1	4.6	4.1	3.18
R 923	REMOVE OR INSTALL ENGINE OIL LINES	1.20	5.8	5.3	5.5	2.1	4.50
R 917	REMOVE OR INSTALL ENGINE COUPLING LATCHES	1.20	9.6	9.3	9.8	5.2	4.36
X1039	REMOVE OR INSTALL IFR DOOR COMPONENTS	1.20	3.9	5.4	6.2	3.5	5.03
N 207	ADJUST AIR DEFLECTOR DOOR COMPONENTS	1.19	10.0	10.1	10.1	6.9	5.30
A 8	DEVELOP SELF-INSPECTION PROGRAMS	1.19	4.8	5.6	6.9	24.4	5.81
C 89	EVALUATE JOB DESCRIPTIONS	1.18	2.3	3.3	4.2	17.8	5.39
M 236	INSPECT AIR DEFLECTION DOORS	1.18	19.4	18.6	18.2	12.2	4.11
K 548	INSPECT ANTI-G SYSTEMS	1.17	7.6	7.4	7.6	5.8	4.85
R 858	ADJUST INHIBIT BRAKES OR FRICTION MECHANISMS	1.17	3.5	4.4	5.5	5.3	5.26
I 396	DISMANTLE AIRCRAFT FROM RUNWAY BARRIERS	1.15	5.8	6.7	7.0	4.2	5.28
O 848	PERFORM MINOR MAINTENANCE ON -21 SUPPORT EQUIPMENT, SUCH AS TIGHTENING SCREWS OR BOLTS	1.14	3.4	3.8	3.7	2.9	2.61
J 456	ADJUST LANDING GEAR MANUAL EXTENSION MECHANISMS	1.11	3.5	4.8	5.3	5.1	6.08
R 898	ISOLATE STARTER SYSTEM MALFUNCTIONS	1.08	1.7	2.9	3.7	3.5	6.46
M 300	RECOVER OR DELIVER DRAGCHUTES	1.03	12.8	14.4	15.1	8.8	2.17
J 557	SERVICE LANDING GEAR LEVELING CYLINDERS WITH NITROGEN OR AIR	1.01	15.5	17.1	16.0	6.8	4.00
I 408	LIFT AIRCRAFT BY CRANES	1.00	4.6	4.4	5.0	4.3	7.26
O 807	REMOVE OR INSTALL SINGLEPOINT FUEL RECEPTACLES	.99	7.3	7.4	7.1	3.8	5.42
A 20	PLAN SECURITY PROGRAMS	.96	1.4	1.7	2.1	5.7	5.97
B 35	DIRECT DEVELOPMENT OR MAINTENANCE OF STATUS BOARDS, SWAPS, OR EVENTS	.96	2.1	4.3	6.7	24.1	5.67
R 865	CLEAN CARTRIDGE TYPE STARTERS	.96	7.0	8.7	8.7	4.5	3.34
R 853	ADJUST ENGINE COUPLING LATCHES	.95	7.6	7.0	6.8	4.0	4.08
J 534	SERVICE LANDING GEAR LEVELING CYLINDERS WITH HYDRAULIC FLUID	.93	13.9	14.3	13.0	5.8	4.06
R 938	SERVICE STARTERS	.92	4.8	5.6	5.9	3.3	4.29
R 914	REMOVE OR INSTALL ACCESSORY-DRIVE GEAR BOXES	.91	5.9	6.8	6.8	2.8	5.97
O 802	REMOVE OR INSTALL FUEL BOOST PUMPS	.91	2.7	2.9	3.2	1.7	5.64
R 921	REMOVE OR INSTALL ENGINE OIL COOLERS	.89	2.5	3.5	3.9	1.6	5.25
X1043	RIG IFR DOORS	.89	1.7	2.6	3.1	1.9	5.67
P 192	PREPARE INSPECTION CHECKLISTS	.87	3.1	4.6	5.3	10.5	6.03

O TSK	TITLES	X1 -D*	1ST JOB (M)	1ST EML (M)	431 (M)	431 (M)	71 (F)	X1 TD (F)
J 522	REMOVE OR INSTALL LANDING GEAR MANUAL EXTENSION MECHANISM COMPONENTS	.86	2.3	3.3	4.0	4.1	5.61	
O 787	ISOLATE FUEL TANK FEED SYSTEM MALFUNCTIONS	.85	3.0	3.6	4.2	3.5	6.31	
A 24	PREPARE JOB DESCRIPTIONS	.84	3.5	4.6	5.5	15.1	6.01	
M 277	ISOLATE RAB DOOR SYSTEM MALFUNCTIONS	.82	5.2	5.4	5.7	4.7	5.97	
I 432	POSITION CRASH RECOVERY EQUIPMENT WITHIN CRASH SITE OR DISABLED AIRCRAFT AREAS	.82	5.2	6.8	6.7	3.4	5.18	
M 220	ADJUST SEAT LOCKING MECHANISMS	.82	9.6	9.1	8.9	4.3	5.18	
M 745	INSPECT BATTERY CHARGERS	.78	7.2	7.2	7.2	3.8	4.53	
M 739	SERVICE TAIL BUMPERS	.78	11.5	10.3	10.0	5.5	3.93	
A 14	ESTABLISH PUBLICATION LIBRARIES	.77	1.8	2.6	3.2	7.0	6.30	
P 832	PERFORM MAINTENANCE ON ENGINE INTAKE SCREENS, SUCH AS REPLACING RIVETS OR STRAIGHTENING PARTS	.76	3.2	3.8	4.8	2.3	5.10	
M 332	REMOVE OR INSTALL EJECTION SEATS	.76	4.2	4.6	4.4	3.0	7.16	
I 409	MAINTAIN CRASH RECOVERY EQUIPMENT, SUCH AS LIFTING BAGS OR SLINGS	.75	5.4	5.6	5.8	4.6	5.76	
M 714	INSPECT TAIL BUMPERS	.72	10.0	9.5	9.8	7.1	4.06	
O 806	REMOVE OR INSTALL INTERNAL AUXILIARY FUEL TANKS	.72	3.7	3.7	4.0	2.0	5.81	
C 94	REVIEW CORRESPONDENCE	.71	1.5	1.9	3.5	29.7	5.06	
M 242	INSPECT BOMB BAY DOOR SYSTEMS	.71	9.4	9.3	9.2	6.3	4.86	
O 788	ISOLATE FUEL TANK PRESSURE SYSTEM MALFUNCTIONS	.71	2.4	2.8	3.3	1.8	6.30	
P 855	ADJUST ENGINE FUEL CONTROLS	.69	1.3	2.0	2.8	.9	8.27	
M 308	REMOVE OR INSTALL AIR DEFLECTOR DOOR COMPONENTS	.69	8.3	8.5	8.2	5.7	5.32	
I 392	DIRECT CRASH RECOVERY OPERATIONS	.69	4.4	4.8	5.0	6.0	6.99	
M 349	REMOVE OR INSTALL RELIEF FACILITY COMPONENTS	.68	7.9	7.3	7.5	3.0	4.00	
O 851	STOW -21 SUPPORT EQUIPMENT	.68	2.0	2.4	2.5	2.5	3.04	
I 419	OPERATE HIGHLIFT BOOMS	.68	3.2	4.0	4.6	4.2	4.50	
M 226	ADJUST WING FOLD LATCHING MECHANISMS	.68	9.4	10.0	10.5	7.4	5.99	
M 206	ADJUST AFT CARGO DOOR OR RAMP LINHAGE OR LATCHING MECHANISMS	.66	5.6	4.9	5.0	3.0	5.58	
O 775	BUILD UP EXTERNAL FUEL TANKS	.66	5.9	4.5	3.9	1.1	4.88	
J 478	INSPECT LANDING GEAR SHOCKERS	.65	6.8	8.2	8.4	6.6	4.50	
M 334	REMOVE OR INSTALL ENGINE STRUTS OR PYLONS	.64	7.7	7.5	7.1	3.4	6.08	
Q 849	PICK UP OR DELIVER -21 SUPPORT EQUIPMENT	.64	1.4	2.3	2.2	2.7	2.75	
P 822	MAINTAIN PORTABLE HOISTS	.63	2.0	2.5	2.6	2.5	3.56	
M 241	INSPECT BILGE PUMPS	.62	5.9	6.3	6.3	4.1	4.32	
M 331	REMOVE OR INSTALL EJECTION SEAT COMPONENTS	.60	3.7	3.5	3.7	2.0	6.88	
L 659	REMOVE OR INSTALL FLAP BRAKE SYSTEM COMPONENTS	.60	4.6	5.3	5.5	4.8	5.85	
G 198	MAINTAIN PROPERTY CUSTODIAN AUTHORIZATION/CUSTODY RECEIPT LISTINGS (CACRL)	.59	1.5	1.9	3.1	11.3	5.17	
M 245	INSPECT CREW ENTRANCE DOOR SYSTEMS	.59	11.4	12.2	11.6	6.7	4.62	
R 856	ADJUST ENGINE OIL PRESSURE	.59	.7	1.8	1.9	.5	5.78	
Q 846	PACK OR UNPACK -21 SUPPORT EQUIPMENT	.58	1.1	1.8	1.8	2.2	3.29	
O 788	ISOLATE FUEL CROSSFEED SYSTEM MALFUNCTIONS	.58	2.4	2.2	2.8	1.5	6.34	
O 847	PERFORM CORROSION CONTROL ON -21 SUPPORT EQUIPMENT	.56	1.1	1.6	1.7	1.4	3.16	
A 23	PREPARE BRIEFINGS	.55	2.7	3.5	4.8	22.3	6.03	
M 213	ADJUST CREW ENTRANCE DOOR LATCHING MECHANISMS	.54	5.2	5.3	5.3	4.1	5.63	
M 211	ADJUST CREW ENTRANCE DOOR ACTUATING MECHANISMS	.54	5.4	5.9	6.0	3.8	5.57	
L 660	REMOVE OR INSTALL FLAP CARRIAGE ASSEMBLY COMPONENTS	.53	4.4	4.4	4.7	3.4	5.87	

Pages 56-62 deleted as they pertain primarily to AFSC 43IX2.

STS 031X1 FIRST-TERM AIRCRAFT GROUP COMPARISON

STS 031X1, TACTICAL AIRCRAFT MAINTENANCE (DATED APR 1981), IS PRESENTED BELOW WITH MATCHED JOB INVENTORY TASKS AND OCCUPATIONAL SURVEY DATA FOR FIRST-TERM AIRCRAFT GROUPS.

USE OF STS FACPRINT PRINTOUTS: STS ITEMS ARE LISTED BETWEEN THE DOTTED LINES, WITH MATCHED TASKS LISTED BELOW AND SURVEY DATA PRINTED TO THE RIGHT OF EACH TASK. JOB INVENTORY TASKS TO BE EMPHASIZED WITHIN EACH STS AREA CAN BE IDENTIFIED USING THIS PRINTOUT. IN ADDITION, TASKS WHICH WERE NOT WATCHED WITH STS ITEMS ARE LISTED IN THE "TASKS NOT REFERENCES" SECTION IN DESCENDING ORDER OF FIRST-TERM 031X1 TRAINING EMPHASIS RATINGS. THIS PRINTOUT CAN BE USED TO COMPARE AIRCRAFT DIFFERENCES AND HELP DECIDE IF TASKS SHOULD BE INCLUDED IN FUTURE STS'S OR PLACED IN MAJCOM JPS'S. ALSO, THIS PRINTOUT MAY ASSIST IN DEVELOPING FOLLOW-ON FTD COURSES AND MAJCOM TRAINING PACKAGES. NOTE: FIRST ENLISTMENT AIRCRAFT GROUPS DO NOT CONTAIN INFORMATION ON 031X1 INCUMBENTS WHOSE PRIMARY WORK AREA INVOLVES NONPOWERED AGE, BENCH STOCK, TOOL ROOM, -21 EQUIPMENT, ADMINISTRATIVE, OR TRANSIENT MAINTENANCE FUNCTIONS.

VECTOR TYPE CODES:

- (T) = 2 TIME SPENT BY ALL MEMBERS
- (M) = 2 MEMBERS PERFORMING
- (P) = TASK VECTOR
- (D) = DICHOTOMOUS SET
- (B) = 2 TIME SPENT BY MEMBERS PERFORMING
- (-1) = PROGRAM GENERATED VECTOR

NO TYPE VECTOR MEAN SD DESCRIPTION

NO	TYPE	VECTOR	MEAN	SD	DESCRIPTION
1	D	X1 TE	1.00	1.00	AFSC 031X1 TRAINING EMPHASIS RATINGS
2	M	X1 EL	1.00	1.00	031X1 AIRMEN WITH 1-98 MOS AFMS
3	M	00-10	18	18	00-10 MAINT PERSONNEL (FIRST ENLISTMENT)
4	M	P-111	140	140	P-111 MAINT PERSONNEL (FIRST ENLISTMENT)
5	M	PB-111	95	95	PB-111 MAINT PERSONNEL (FIRST ENLISTMENT)
6	M	P-16	54	54	P-16 MAINT PERSONNEL (FIRST ENLISTMENT)
7	M	P-15	97	97	P-15 MAINT PERSONNEL (FIRST ENLISTMENT)
8	M	RF/F-4	402	402	F/RF-4 MAINT PERSONNEL (FIRST ENLISTMENT)
9	M	R-10	63	63	R-10 MAINT PERSONNEL (FIRST ENLISTMENT)
10	P	X1 TD	5.00	1.00	AFSC 031X1 TASK DIFFICULTY RATINGS

ST5 431X1, TACTICAL AIRCRAFT MAINTENANCE (DATED APR 1981), IS PRESENTED BELOW WITH MATCHED JOB INVENTORY TASKS AND OCCUPATIONAL SURVEY DATA FOR FIRST-TERM AIRCRAFT GROUPS.

USE OF ST5 FACPR PRINTOUTS: ST5 ITEMS ARE LISTED BETWEEN THE DOTTED LINES, WITH MATCHED TASKS LISTED BELOW AND SURVEY DATA PRINTED TO THE RIGHT OF EACH TASK. JOB INVENTORY TASKS TO BE EMPHASIZED WITHIN EACH ST5 AREA CAN BE IDENTIFIED USING THIS PRINTOUT. IN ADDITION, TASKS WHICH WERE NOT WATCHED WITH ST5 ITEMS ARE LISTED IN THE "TASKS NOT REFERENCED" SECTION IN DESCENDING ORDER OF FIRST-TERM 431X1 TRAINING EMPHASIS RATINGS. THIS PRINTOUT CAN BE USED TO COMPARE AIRCRAFT DIFFERENCES AND HELP DECIDE IF TASKS SHOULD BE INCLUDED IN FUTURE ST5S OR PLACED IN MAJCOM JWB'S. ALSO, THIS PRINTOUT MAY ASSIST IN DEVELOPING FOLLOW-ON FTD COURSES AND MAJCOM TRAINING PACKAGES. NOTE: FIRST EMPLACEMENT AIRCRAFT GROUPS DO NOT CONTAIN INFORMATION ON 431X1 INCUMBENTS WHOSE PRIMARY WORK AREA INVOLVES NONPOWERED AGE, BENCH STOCK, TOOL ROOM, -21 EQUIPMENT, ADMINISTRATIVE, OR TRANSIENT MAINTENANCE FUNCTIONS.

O TSK	TITLES	X1	OV-	F-	FB-	F-	F-	RF/	A-	X1
TE		PL	10	111	111	15	15	F-4	10	TO
00*		(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(F)

000 ST5 431X1, TACTICAL AIRCRAFT MAINTENANCE
SPECIFICITY IMPRVL 19817

001 1. CAREER LADDER PROGRESSION

002 2. SECURITY

003 2A. COMMUNICATIONS SECURITY (COMSEC) 0 20 3C

004 2B. OPERATIONS SECURITY TOPSET

005 3. AF OCCUPATIONAL SAFETY AND HEALTH
(AFOSH) PROGRAM

U TSM	TITLES	X1	Y1	OV-	F-	FB-	F-	F-	PF/	A-	X1
		TE	IEL	IN	III	III	16	15	F-4	10	TD
		000	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(F)

006 3A. APPLY SAFETY PRECAUTIONS WHEN USING 28/10 3C 4C
TOOLS AND EQUIPMENT, SERVICING AIRCRAFT
SYSTEMS, AND PERFORMING AIRCRAFT
MAINTENANCE

I 431 POSITION AEROSPACE GROUND EQUIPMENT (ABE) TO AIRCRAFT 6.08 70.8 72.2 85.4 75.6 88.9 79.8 84.3 63.5 3.07

007 3B. PRACTICE HOUSEKEEPING CONSISTENT WITH 28/10 3C 4C
SAFETY OF PERSONNEL AND EQUIPMENT

008 3C. NUCLEAR SAFETY/NUCLEAR SAFETY
REGULATIONS

H 382 UPLOAD OF DOWNLOAD MONITORS 0.38 20.0 22.2 1.4 0.0 1.9 3.1 2.2 9.5 6.18

009 3D. APPLY SAFETY PRECAUTIONS PERTAINING
TO THE FOLLOWING

010 30(1). ENGINE AIR INTAKE AND EXHAUST 28/A 3C 4C

011 30(2). HIGH INTENSITY SOUND 28 3C 4C

012 30(3). PROPELLER AND TURBINE PLANE OF
ROTATION 28/B 3C 4C

013 30(4). ANTENNA RADIATION 28/B 3C 4C

D TSM	TITLES	X1	Y1	OV	F-	FB-	F-	F-	RF	A-	X1
		IFL	IO	II	II	II	II	II	II	II	II
		00	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(F)
022	48. AIR FORCE MANUALS AND REGULATIONS R/- B C										
F 105	MAINTAIN STANDARD AIR FORCE PUBLICATIONS, REGULATIONS, OR MANUALS	2.40	5.6	0	5.6	2.2	9.3	5.2	2.5	6.3	5.22
023	4C. USE TECHNICAL PUBLICATIONS ZB/IB JC 4C										
H 377	RESEARCH TECHNICAL PUBLICATIONS	4.75	26.1	30.9	40.3	28.9	31.5	33.0	32.3	22.2	5.44
024	4D. USE STANDARD PUBLICATIONS IB/- JC 4C										
025	4E. UPDATE AIRCRAFT MAINTENANCE MANUALS ZB/- 4C 4C										
E 171	ANNOYATE TECHNICAL ORDER SYSTEM PUBLICATION IMPROVEMENT REPORT AND REPLY FORMS (AFTO FORM 22)	3.82	4.9	5.6	8.3	11.1	3.7	8.2	3.7	6.3	5.38
C 84	INITIATE UNSATISFACTORY REPORTS	1.24	1.8	3.6	2.1	0	1.9	0	1.2	3.2	5.83
026	4F. INITIATE TECHNICAL ORDER IMPROVEMENT REPORT										
027	5. SUPERVISION AND TRAINING										
028	5A. SUPERVISION										
D 109	COUNSEL TRAINEES ON TRAINING PROGRESS	3.78	7.4	11.1	10.4	6.7	5.6	5.2	7.2	6.3	5.14
C 93	PREPARE RPN'S	3.73	5.1	5.6	6.9	8.9	1.9	3.1	5.0	4.8	6.57
B 48	ORIENT NEWLY ASSIGNED PERSONNEL	3.35	26.2	22.2	27.8	35.6	24.1	25.8	30.3	27.0	4.23
A 3	DETERMINE WORK PRIORITIES	3.04	20.0	33.3	26.4	35.6	18.5	22.7	17.7	14.3	4.97
D 107	CONDUCT SAFETY TRAINING	2.81	3.9	11.1	5.6	2.2	3.7	5.2	3.5	3.2	5.35
B 54	SUPERVISE APPRENTICE TACTICAL AIRCRAFT MAINTENANCE SPECIALISTS (AFSC 43131)	2.94	12.3	11.1	21.5	22.2	13.0	16.5	13.9	11.1	5.96
A 9	DEVELOP WORK METHODS OR PROCEDURES	2.18	11.1	22.2	14.6	13.6	9.3	9.3	9.7	11.1	6.17
B 42	IMPLEMENT SAFETY PROGRAMS	2.16	2.8	5.6	2.1	2.2	1.9	2.1	1.5	3.2	5.45
D 108	CONDUCT SECURITY TRAINING	1.83	2.6	5.6	4.2	2.2	3.7	3.1	1.5	3.2	5.36
B 56	SUPERVISE PERSONNEL WITH AFSCS OTHER THAN 431X1 OR 431X2	1.74	5.3	11.1	9.0	6.7	3.7	7.2	6.7	3.2	6.04

SYS 431X1 FIRST-TERM AIRCRAFT GROUP COMPARISON

FCP601 PAGE 60

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

D TSK	TITLES	X1 TE =0=	Y1 1EL (M)	OV- 10 (M)	F- 111 (M)	F9- 111 (M)	F- 16 (M)	F- 15 (M)	RF- 10 (M)	A- 10 (M)	X1 Y0 (F)
A 27	PREPARE WORK ASSIGNMENTS	1.72	6.4	11.1	11.1	6.7	5.6	5.2	5.2	3.2	4.83
B 47	INTERPRET POLICIES, DIRECTIVES, OR PROCEDURES FOR SUBORDINATES	1.71	6.2	5.6	9.7	6.7	1.9	4.1	4.7	4.8	5.50
B 34	COUNSEL PERSONNEL ON PERSONAL OR MILITARY RELATED MATTERS	1.70	5.5	5.6	6.9	2.2	3.7	4.1	4.0	7.6	6.34
C 67	EVALUATE INDIVIDUALS FOR RECOGNITION	1.67	2.9	5.6	2.8	2.2	1.9	1.0	2.2	4.8	5.66
B 57	SUPERVISE TACTICAL AIRCRAFT MAINTENANCE SPECIALISTS (AFSC 43151)	1.68	7.5	16.7	15.3	8.4	3.7	5.2	9.0	3.2	5.56
B 45	IMPLEMENT SUGGESTION PROGRAMS	1.63	2.5	5.6	2.8	2.2	1.9	.0	.7	6.3	6.98
C 92	PERFORM SELF-INSPECTIONS	1.61	10.1	11.1	9.7	15.6	11.1	12.4	10.7	7.9	5.52
C 88	PERFORM IMPROVED INSPECTIONS	1.46	4.4	5.6	4.2	4.4	7.4	4.1	4.2	3.2	5.36
A 11	ESTABLISH MAINTENANCE PROCEDURES	1.45	8.2	27.8	11.8	22.2	9.3	7.2	6.5	9.5	6.72
B 30	ASSIGN PERSONNEL TO DUTY POSITIONS	1.42	6.5	11.1	10.4	4.4	5.6	5.2	4.7	6.3	4.32
C 97	PREPARE REPLIES TO INSPECTION REPORTS	1.41	3.2	5.6	4.2	.0	1.9	.0	4.0	3.2	5.85
A 15	ESTABLISH WORK SCHEDULES	1.41	5.5	16.7	7.6	8.9	1.9	6.2	3.2	6.3	8.89
B 43	IMPLEMENT SECURITY PROGRAMS	1.36	2.2	5.6	2.1	.0	1.9	1.0	1.2	3.2	5.76
A 10	ESTABLISH INSPECTION PROCEDURES	1.33	8.0	22.2	13.2	17.8	9.3	9.3	4.7	7.9	6.51
B 41	IMPLEMENT QUALITY CONTROL STANDARDS	1.30	2.7	5.6	4.9	4.4	1.9	1.0	1.2	4.8	5.90
C 64	EVALUATE COMPLIANCE WITH PERFORMANCE STANDARDS	1.28	3.8	5.6	4.2	4.4	1.9	1.0	1.7	3.2	5.68
C 83	ENDORSE AIRMAN PERFORMANCE REPORTS (AFSC 43151)	1.28	2.8	5.6	4.2	4.4	1.9	2.1	1.7	3.2	5.52
A 13	ESTABLISH PERFORMANCE STANDARDS	1.21	2.5	5.6	3.5	2.2	5.6	1.0	1.2	6.3	5.36
C 96	PREPARE RECOMMENDATIONS FOR AWARDS OR DECORATIONS	1.18	3.4	5.6	2.8	4.4	3.7	3.1	2.5	3.2	6.35
B 38	DIRECT MAINTENANCE OR UTILIZATION OF EQUIPMENT OR SUPPLIES	1.18	1.2	5.6	1.4	.0	1.9	.0	.5	3.2	7.18
C 66	EVALUATE INDIVIDUALS FOR PROMOTION, DEMOTION, OR RECLASSIFICATION	1.07	4.8	5.6	4.9	4.4	5.6	2.1	3.2	4.8	5.46
C 88	EVALUATE INSPECTION REPORTS OR PROCEDURES	1.02	1.7	5.6	1.4	2.2	1.9	.0	1.0	3.2	6.27
C 60	ANALYZE WORKLOAD REQUIREMENTS	1.02	3.0	5.6	6.3	2.2	1.9	.0	1.5	3.2	5.79
A 6	DEVELOP INSPECTION SCHEDULES	.82	4.7	11.1	8.3	15.6	3.7	3.1	3.0	4.8	5.96
B 59	DIRECT MAINTENANCE OR UTILIZATION OF FACILITIES OR WORK AREAS	.71	4.0	11.1	6.3	6.7	1.9	2.1	3.7	4.8	5.66
A 28	SCHEDULE TEMPORARY DUTY, LEAVES, OR PASSES	.66	2.2	5.6	1.4	.0	5.6	1.0	1.2	1.6	4.26
A 2	DETERMINE REQUIREMENTS FOR SPACE, PERSONNEL, EQUIPMENT, OR SUPPLIES	.61	6.9	11.1	6.3	6.7	1.9	2.1	5.0	4.8	6.23
B 40	IMPLEMENT COST REDUCTION PROGRAMS	.57	1.4	5.6	1.4	.0	1.9	.0	.7	3.2	6.15
B 55	SUPERVISE CIVILIAN PERSONNEL	.41	1.7	5.6	1.4	.0	1.9	1.0	.7	.0	6.49
B 58	SUPERVISE TACTICAL AIRCRAFT MAINTENANCE TECHNICIANS (AFSC 43171)	.36	1.2	5.6	.0	.0	1.9	.0	1.5	1.6	5.29
B 48	INITIATE PERSONNEL ACTION REQUESTS	.33	2.4	5.6	2.1	2.2	1.9	1.0	1.0	3.2	4.82
C 94	PREPARE CIVILIAN PERFORMANCE RATINGS OR SUPERVISORY APPRAISALS	.24	1.1	5.6	.7	.0	1.9	.0	.7	3.2	6.43
B 53	SUPERVISE APPRENTICE AIRLIFT/BOMBARDMENT AIRCRAFT MAINTENANCE SPECIALISTS (AFSC 43152)	.20	1.5	5.6	.0	6.7	1.9	.0	.5	1.6	6.44
D 103	ASSIGN COURSE INSTRUCTORS	.14	1.1	5.6	.7	.0	1.9	.0	.2	3.2	5.22
B 51	SUPERVISE AIRCRAFT/BOMBARDMENT AIRCRAFT MAINTENANCE SPECIALISTS (AFSC 43152)	.08	1.1	5.6	.0	2.2	1.9	.0	.2	1.6	6.50
B 52	SUPERVISE AIRCRAFT/BOMBARDMENT AIRCRAFT MAINTENANCE TECHNICIANS (AFSC 43172)	.01	.8	5.6	.0	.0	1.9	.0	.2	1.6	6.48

SYT 431X1 FIRST-TERM AIRCRAFT GROUP COMPARISON

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

FCP001 PAGE 69

D TSM	TITLES	X1 TE	X1 DEL	OV- (M)	F- (M)	F8- (M)	F- (M)	16 (M)	15 (M)	F-4 (M)	A- (M)	X1 TO	(F)
-------	--------	----------	-----------	------------	-----------	------------	-----------	-----------	-----------	------------	-----------	----------	-----

029 59. TRAINING

D 105	CONDUCT OJT	8.91	24.6	22.2	31.3	28.9	18.5	34.0	26.9	17.5	5.32		
D 121	MAINTAIN TRAINING RECORDS, CHARTS, OR GRAPHS	3.48	5.7	11.1	8.3	6.4	3.7	4.1	6.5	7.9	5.49		
D 117	EVALUATE OJT TRAINERS OR TRAINEES	2.83	5.5	11.1	7.6	6.7	3.7	3.1	6.7	6.3	3.95		
D 110	DETERMINE OJT TRAINING REQUIREMENTS	2.09	4.3	11.1	4.2	2.2	1.9	4.1	4.2	4.8	5.66		
D 119	EVALUATE TRAINING PROGRESS OF STUDENTS	2.05	4.3	11.1	5.6	.0	3.7	8.1	8.0	4.8	5.46		
E 173	ANNOTATE TRAINING REQUEST AND TRAINING COMPLETION NOTIFICATION FORMS (AF FORM 2476)	2.03	3.8	16.7	1.4	.0	1.9	2.1	2.7	3.2	4.12		
D 122	PLAN OJT	1.45	2.8	5.6	6.3	2.2	1.9	.0	2.0	3.2	5.95		
D 114	DIRECT OR IMPLEMENT OJT PROGRAMS	1.35	2.5	5.6	2.8	4.4	1.9	.0	1.2	6.3	6.22		
D 118	EVALUATE TRAINING METHODS OR TECHNIQUES	1.29	2.8	11.1	4.2	2.2	1.9	.0	2.0	4.8	6.11		
D 109	ASSIGN ON-THE-JOB TRAINING TO OJT TRAINERS	1.23	2.4	11.1	3.5	2.2	1.9	.0	1.7	3.2	4.74		
D 113	DEVELOP TRAINING AIDS	1.00	1.9	11.1	1.4	4.4	1.9	.0	.7	3.2	6.30		
D 120	MAINTAIN STUDY REFERENCE FILES	.88	1.5	5.6	2.8	.0	1.9	.0	.7	3.2	5.07		
D 116	EVALUATE INSTRUCTOR PERFORMANCE	.75	1.6	.0	2.1	.0	1.9	1.0	1.7	3.2	6.50		
D 115	DIRECT OR IMPLEMENT TRAINING PROGRAMS OTHER THAN OJT	.73	1.6	5.6	.7	.0	1.9	.0	.5	4.8	6.27		
D 127	SELECT INDIVIDUALS FOR SPECIALIZED TRAINING	.61	1.3	5.6	.7	2.2	1.9	1.0	.5	3.2	5.80		
D 128	WRITE TEST QUESTIONS	.50	1.2	5.6	1.4	.0	1.9	.0	.5	3.2	7.19		
D 126	SCORE TESTS	.44	1.1	5.6	1.4	.0	1.9	.0	.5	3.2	3.81		
D 102	ADMINISTER TESTS	.48	1.7	5.6	1.4	.0	1.9	.0	.7	3.2	4.28		
D 125	PROCURE TRAINING AIDS, SPACE, OR EQUIPMENT	.38	1.4	5.6	1.4	.0	1.9	1.0	.2	3.2	5.95		

030 6. MAINTENANCE MANAGEMENT

E 152	ANNOTATE MAINTENANCE PREPLAN FORMS (AF FORM 2906)	3.97	9.3	11.1	12.5	26.7	3.7	9.3	10.4	7.9	3.96		
G 199	MAINTAIN TOOL CHITS	2.76	11.4	5.6	13.9	8.9	5.6	9.3	8.7	6.3	5.28		
G 196	MAINTAIN BENCHMARK PARTS OR EQUIPMENT LEVELS	2.50	9.2	11.1	6.9	6.7	5.6	7.2	4.7	9.5	4.88		
F 186	MAINTAIN STATUS BOARDS, GRAPHS, OR CHARTS	2.22	9.0	5.6	11.8	8.9	1.9	6.2	7.0	9.5	4.36		
C 70	EVALUATE MAINTENANCE DATA COLLECTION (MDC) REPORTS	1.93	4.1	5.6	6.9	4.4	1.9	6.2	3.5	4.8	5.58		
G 202	VERIFY DUE-IN FROM MAINTENANCE (DIFM) DOCUMENT LISTINGS (R-26)	1.83	5.6	11.1	3.5	4.4	1.9	.0	3.7	6.3	4.91		
F 178	MAINTAIN EQUIPMENT OR AIRCRAFT STATUS REPORTS	1.72	15.9	5.6	18.1	13.6	22.2	18.5	16.4	14.3	5.00		
F 188	MAINTAIN TIME COMPLIANCE TECHNICAL ORDER (TCO) REQUIREMENTS	1.58	10.2	.0	11.8	6.7	16.7	14.4	12.2	15.9	5.80		
F 189	MAINTAIN VEHICLE CONTROL LOGS	1.50	7.5	5.6	11.1	6.7	3.7	8.2	7.7	7.9	4.49		
C 75	EVALUATE SAFETY PROGRAMS	1.30	1.9	5.6	2.1	4.4	1.9	.0	1.0	4.8	5.69		
C 65	EVALUATE EMERGENCY PROCEDURES	1.24	2.6	5.6	2.8	6.7	1.9	2.1	2.0	4.8	5.72		
E 183	ANNOTATE ROUTING AND REVIEW OF QUALITY CONTROL REPORTS FORMS (AF FORM 2419)	1.22	1.8	5.6	2.8	.0	1.9	2.1	1.5	3.2	4.52		
G 197	MAINTAIN DAILY DOCUMENT REGISTER AND ITEM SURVEILLANCE LISTS (1004)	1.18	3.5	.0	2.1	4.4	1.9	3.1	1.5	6.3	4.65		
A 4	DEVELOP EQUIPMENT UTILIZATION OR MAINTENANCE SCHEDULES	1.07	6.8	11.1	6.9	8.9	3.7	7.2	5.2	7.9	5.86		
F 183	MAINTAIN PRECISION MEASUREMENT EQUIPMENT (PME) CALIBRATION SCHEDULES	1.00	3.4	5.6	2.1	4.4	1.9	2.1	1.5	4.8	4.81		
C 89	PERFORM PERSONNEL PROFICIENCY EVALUATIONS	.97	1.7	5.6	1.4	4.4	3.7	1.0	1.0	3.2	5.60		
C 81	EVALUATE USE OF WORKSPACE, EQUIPMENT, OR SUPPLIES	.94	3.0	5.6	2.8	2.2	3.7	1.0	1.5	4.8	5.40		
G 204	VERIFY SUPPLY DUEOUT LISTINGS (R-35)	.93	2.5	5.6	1.4	2.2	1.9	.0	1.5	4.8	4.81		

STS 431X1 FIRST-TERM AIRCRAFT GROUP COMPARISON

FCP601 PAGE 70

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

D TSM	TITLES	X1 #0*	X1 (M)	OV- 10 (M)	F- 111 (M)	F- 16 (M)	F- 15 (M)	RF/ F-4 (M)	A- 10 (M)	X1 (F)
C 76	EVALUATE SECURITY PROGRAMS	.02	1.5	5.6	1.4	.0	1.9	.0	.2	4.8 5.76
F 179	MAINTAIN EQUIPMENT TIME CHANGE REQUIREMENTS	.92	7.5	5.6	7.6	11.1	11.1	2.1	9.5	7.9 5.24
F 180	MAINTAIN MAINTENANCE MANAGEMENT INFORMATION AND CONTROL SYSTEMS (MMICS) WORKCENTER LISTINGS	.92	2.7	.0	1.4	2.2	1.9	1.0	1.0	4.8 5.21
E 159	ANNOTATE QUALITY CONTROL INSPECTION SUMMARY FORMS (AF FORM 24207)	.89	1.7	5.6	2.1	.0	1.9	1.0	1.2	3.2 4.62
C 77	EVALUATE SELF-INSECTION PROGRAMS	.85	2.0	5.6	2.1	2.2	1.9	1.0	1.0	4.8 5.70
C 82	EVALUATE WORK SCHEDULES	.85	2.1	5.6	2.8	.0	1.9	.0	.7	6.3 3.11
C 78	EVALUATE SUGGESTIONS	.74	1.9	5.6	2.1	2.2	1.9	.0	1.0	3.2 5.80
B 29	ADJUST DAILY MAINTENANCE PLANS TO MEET OPERATIONAL COMMITMENTS	.73	4.9	11.1	6.9	4.4	5.6	4.1	3.0	4.8 5.69
C 91	PERFORM QUALITY VERIFICATION INSPECTIONS (QVIT)	.68	1.7	5.6	.7	.0	5.6	1.0	2.0	4.8 5.87
C 79	EVALUATE TECHNICAL ORDER IMPROVEMENT REPORTS	.68	1.4	5.6	2.1	2.2	1.9	.0	1.0	3.2 6.24
C 95	PREPARE INSPECTION REPORTS	.81	3.4	5.6	4.9	2.2	3.7	3.1	3.0	4.8 5.76
C 73	EVALUATE MATERIAL DEFICIENCY REPORTS	.61	1.1	5.6	1.4	.0	1.9	.0	.5	3.2 6.30
P 182	MAINTAIN MASTER IDENTIFICATION (ID) LISTINGS	.58	2.5	.0	2.8	2.2	1.9	2.1	1.0	4.8 4.94
C 62	EVALUATE ADMINISTRATIVE FORMS, FILES, OR PROCEDURES	.53	3.7	5.6	4.2	6.7	3.7	6.2	2.5	4.8 5.32
P 177	MAINTAIN ADMINISTRATIVE OR RECORDS FILES	.53	4.8	.0	2.1	4.4	5.6	3.1	2.5	4.8 5.13
C 71	EVALUATE MAINTENANCE OF PUBLICATION LIBRARIES	.53	2.2	5.6	2.1	.0	1.9	1.0	1.5	3.2 5.80
C 85	INVESTIGATE ACCIDENTS OR INCIDENTS	.52	1.5	5.6	1.4	.0	1.9	.0	1.0	4.8 6.78
C 90	PERFORM PRODUCTION INSPECTIONS	.52	2.6	5.6	1.4	6.7	5.6	3.1	1.7	3.2 5.64
C 86	PERFORM ACTIVITY INSPECTIONS	.51	6.8	11.1	6.3	15.6	15.0	6.2	5.5	4.8 6.60
C 80	EVALUATE UNIT EMERGENCY PLANS	.48	1.4	5.6	1.4	2.2	1.9	.0	.5	4.8 6.34
C 72	EVALUATE MAINTENANCE PRODUCTION REPORTS	.45	1.2	5.6	1.4	.0	1.9	.0	.2	4.8 5.34
F 184	MAINTAIN PREVENTIVE MAINTENANCE INSPECTION (PMI) LISTINGS	.45	2.6	.0	1.4	2.2	3.7	5.2	1.7	4.8 4.84
P 191	PREPARE AIRCRAFT INBOUND OR OVERTIME RECOMMENDATIONS	.44	2.0	5.6	2.1	.0	3.7	1.0	2.5	3.2 5.77
C 74	EVALUATE PROCEDURES FOR STORAGE, INVENTORY, OR INSPECTION OF PROPERTY ITEMS	.37	1.8	5.6	1.4	.0	1.9	.0	.5	4.8 5.61
F 190	OPERATE COMPUTER REMOTE TERMINALS	.34	1.8	.0	1.4	.0	1.9	1.0	.2	3.2 6.35
E 164	ANNOTATE SCHEDULE OF TECHNICIAN AVAILABILITY FORMS (AF FORM 2446)	.32	1.1	5.6	2.1	2.2	1.9	.0	.2	4.8 4.76
A 5	DEVELOP INPUTS TO MOBILITY PLANS	.29	2.7	5.6	2.8	.0	1.9	2.1	1.0	3.2 6.84
C 87	PERFORM DEFICIENCY ANALYSIS	.29	1.3	5.6	1.4	.0	1.9	1.0	.7	3.2 7.21
F 181	MAINTAIN MANPOWER AUTHORIZATION DOCUMENTS	.25	1.7	.0	1.4	.0	1.9	.0	.7	3.2 5.83
E 157	ANNOTATE PERSONNEL EVALUATION AND OVERALL MSEP (MAINT STAND/VAL PROGRAM) POINTS COMPUTATION FORMS (AF FORM 2410)	.25	.7	5.6	1.4	.0	1.9	.0	.2	3.2 5.61
A 1	DETERMINE BUDGET OR FINANCIAL REQUIREMENTS	.21	4.5	11.1	4.9	2.2	3.7	3.1	3.5	3.2 7.53
A 2	PREPARE UNIT EMERGENCY OR CONTINGENCY PLANS	.21	1.8	5.6	2.1	.0	1.9	.0	1.0	1.6 7.70
E 17	ANNOTATE TECHNICAL INSPECTION POINTS COMPUTATION FORMS (AF FORM 2417)	.13	1.1	5.6	1.4	.0	1.9	.0	.2	3.2 5.23
E 158	ANNOTATE PUNCH CARD TRANSCRIPT FORMS (AF FORM 1510)	.12	1.2	5.6	1.4	.0	1.9	.0	.2	4.8 5.33
B 49	PREPARE BUDGET OR FINANCIAL REQUESTS	.10	1.4	5.6	2.1	.0	1.9	.0	.5	1.6 7.13
C 101	WRITE STAFF STUDIES, SURVEYS, OR SPECIAL REPORTS	.09	1.1	5.6	.7	.0	1.9	.0	.7	3.2 7.63
C 63	EVALUATE BUDGETING OR FINANCIAL REQUIREMENTS	.08	.9	5.6	1.4	.0	1.9	.0	.2	3.2 7.17

TITLE	X1	Y1	OV-	F-	F8-	F-	F-	RF/	A-	X1
Y1	11.1	10	11.1	11	16	15	10	10	10	10
Y2	11.1	10	11.1	11	16	15	10	10	10	10
Y3	11.1	10	11.1	11	16	15	10	10	10	10

0 TSK

031 7. MAINTENANCE AND INSPECTION SYSTEMS AND FORMS

032 7A. MAINTENANCE SYSTEMS

D/A B C

033 7B. INSPECTION SYSTEMS

D/A B C

E 145 ANNOTATE DANGER FORMS (AF FORM 1492)	3.32	7.3	22.2	13.2	15.6	7.4	6.2	3.7	3.2	4.31
E 174 ANNOTATE UNSERVICEABLE (CONDENSED) TAG MATERIAL FORMS (DD FORM 1577)	2.42	10.9	16.7	13.9	17.8	7.4	16.4	10.9	12.7	3.99
E 175 ANNOTATE UNSERVICEABLE (PREPARABLE) TAG MATERIAL FORMS (DD FORM 1577-2)	2.35	11.1	18.7	14.6	22.2	7.4	18.4	11.4	9.3	3.98
E 166 ANNOTATE SERVICEABLE TAG-MATERIAL FORMS (DD FORM 1577)	2.15	9.0	16.7	9.0	15.6	13.0	16.4	9.7	9.5	4.04

034 7C. USE MAINTENANCE DATA COLLECTION FORMS 28/18 3C 3C

E 150 ANNOTATE MAINTENANCE DATA COLLECTION RECORD FORMS (AFTO FORM 349)	7.25	59.5	61.1	70.1	75.6	66.7	73.2	70.6	34.0	4.25
E 161 ANNOTATE REPAIRABLE ITEM PROCESSING TAG FORMS (AFTO FORM 350)	6.02	51.6	55.6	62.5	84.4	55.6	59.8	80.0	42.9	3.97
C 99 REVIEW MAINTENANCE DATA OR EQUIPMENT RECORD FORMS	2.38	14.2	16.7	16.0	20.0	13.0	21.6	14.2	9.3	4.94
C 100 VERIFY MAINTENANCE MANAGEMENT INFORMATION AND CONTROL SYSTEM (MHCS) SPECIAL CERTIFICATION/INSPECTION LISTINGS	1.08	2.2	5.6	2.1	2.2	3.7	5.2	1.0	4.8	5.54

035 7D. MATERIAL DEFICIENCY REPORTING SYSTEM A/- B C

F 193 PREPARE MATERIAL DEFICIENCY REPORTS	1.05	2.2	.0	1.4	.0	3.7	6.2	1.5	3.2	6.31
---	------	-----	----	-----	----	-----	-----	-----	-----	------

036 8. MAINTENANCE MATERIAL AND TOOLS

037 9. RESPONSIBILITIES FOR SUPPLIES

STS 03111 FIRST-TERM AIRCRAFT GROUP COMPARISON

FCP601 PAGE 73

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

D YSK	TITLES	Y1	Y2	OV-	F-	F8-	F-	F-	RF/	A-	X1
		1FL	10	111	16	15	16	15	F-4	10	10
		(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(F)

045 10. AIRCRAFT GENERAL

046 10A. PREPARE AND USE AIRCRAFT AND
SUPPORTING MAINTENANCE RECORDS

28/18 3C NC

E 135	ANNOTATE AFTO FORM 781R/EROSPACE VEHICLE INSPECTION/ENGINE DATA, CALENDAR ITEM INSP. & DELAY DISCREPANCY DOCUMENT	7.24	65.6	55.6	81.3	82.2	83.3	77.3	74.9	69.6	3.93
E 135	ANNOTATE AEROSPACE VEHICLE FLIGHT STATUS AND MAINTENANCE DOCUMENT FORMS (AFTO FORM 781M)	7.17	61.4	44.4	70.1	75.6	81.5	68.0	68.4	68.3	3.92
E 151	ANNOTATE MAINTENANCE DISCREPANCY AND WORK DOCUMENT FORMS (AFTO FORM 781A)	7.14	56.2	61.1	67.4	73.3	68.5	69.1	66.4	44.8	4.03
E 134	ANNOTATE AEROSPACE VEHICLE-ENGINE FLIGHT FORMS (AFTO FORM 781J)	8.58	51.6	38.9	59.7	64.4	74.1	68.0	59.0	58.7	3.75
E 131	ANNOTATE AEROSPACE VEHICLE FLIGHT ORTH DOCUMENT FORMS (AFTO FORM 781I)	6.19	44.7	35.6	59.0	62.2	64.8	53.6	53.7	49.2	3.91
E 132	ANNOTATE AEROSPACE VEHICLE FLIGHT REPORT AND MAINTENANCE DOCUMENT FORMS (AFTO FORM 781F)	5.14	33.6	27.8	45.8	44.4	40.7	41.2	35.3	36.1	3.86
E 136	ANNOTATE AIRCRAFT MAINTENANCE CHECKSHEETS	4.44	23.3	22.2	34.0	28.9	24.1	34.0	30.1	34.9	4.00
E 141	ANNOTATE CALENDAR AND HOURLY ITEM INSPECTION DOCUMENT FORMS (AFTO FORM 781D)	4.19	14.6	5.6	21.5	26.7	14.8	18.6	21.6	14.3	3.88
E 129	ANNOTATE ACCESSORY REPLACEMENT DOCUMENT FORMS (AFTO FORM 781E)	1.97	9.0	11.1	15.3	15.6	11.1	12.4	6.7	7.9	4.30
E 167	ANNOTATE SIGNIFICANT HISTORICAL DATA FORMS (AFTO FORM 95)	1.77	2.5	11.1	2.1	2.2	9.3	5.2	2.0	3.2	4.25
E 130	ANNOTATE AEROSPACE VEHICLE DATA CARD FORMS (AFTO FORM 359)	1.61	14.8	33.3	20.1	22.2	18.5	19.6	12.7	15.9	4.24
E 140	ANNOTATE AVIONICS CONFIGURATION AND LOAD STATUS DOCUMENT FORMS (AFTO FORM 781C)	1.44	4.5	5.6	9.7	6.7	3.7	.0	1.7	7.9	4.81
E 139	ANNOTATE AIRPLANE WEIGHING RECORD FORMS (DD FORM 365B)	1.25	2.0	11.1	2.1	.0	1.9	1.0	.7	6.3	5.99
E 142	ANNOTATE CHART A-BASIC WEIGHT CHECKLIST FORMS (DD FORM 365A)	1.16	1.9	5.6	2.1	.0	1.9	.0	2.2	9.3	5.38
E 149	ANNOTATE J79 ENGINE RUN UP RECORD FORMS (AFTO FORM 781M)	1.10	5.4	11.1	2.8	.0	3.7	.0	15.4	4.8	4.51
E 143	ANNOTATE CHART C-BASIC WEIGHT AND BALANCE RECORD FORMS (DD FORM 365C)	1.04	1.6	5.6	2.1	.0	1.9	.0	.5	6.3	5.58
E 153	ANNOTATE MODULAR ENGINE TIME/CYCLE ACCUMULATION RECORD FORMS (AFTO FORM 93)	1.03	3.8	5.6	2.8	.0	29.6	17.5	2.5	3.2	4.47
E 169	ANNOTATE SYSTEM/EQUIPMENT STATUS RECORD FORMS (AFTO FORM 244)	.85	3.4	11.1	5.6	4.4	1.9	1.0	1.5	3.2	4.12
E 138	ANNOTATE AIRCRAFT/MISSILE EQUIPMENT TRANSFER/SHIPPING LISTING FORMS (AFTO FORM 2692)	.73	1.8	5.6	2.1	6.7	1.9	.0	1.0	6.3	4.97
E 176	ANNOTATE WEIGHT AND BALANCE CLEARANCE FORM F FORMS (DD FORM 365F)	.62	1.5	5.6	1.4	.0	1.9	.0	.7	4.8	5.72
E 160	ANNOTATE RECORD OF WEIGHT AND BALANCE PERSONNEL FORMS (DD FORM 365G)	.59	1.9	5.6	2.1	2.2	3.7	3.1	1.7	4.8	5.17
E 154	ANNOTATE MSR SYSTEM DATA FORMS (AFTO FORM 494)	.08	.9	5.6	1.4	.0	1.9	.0	.2	3.2	4.64

O TSM TITLES

X1 X1 QV- F- FB- F- RF/ A- X1
YE 1FL 10 111 15 16 15 F-4 10 YD
0 (M) (M) (M) (M) (M) (M) (F)

007 108. INVENTORY AIRCRAFT EQUIPMENT ON 18/- 3C 3C
AF FORM 2691

G 195 INVENTORY SUPPLIES, EQUIPMENT, OR TOOLS
Q 892 INSPECT -21 SUPPORT EQUIPMENT 3.84 23.4 27.8 28.5 24.4 13.0 25.8 18.9 19.0 4.45
1.34 3.3 3.0 2.8 0.0 1.9 2.1 4.0 3.2 3.33

008 10C. CORROSION CONTROL B C C

N 381 TREAT MINOR AIRCRAFT CORROSION 3.49 28.3 66.7 38.2 33.3 25.9 30.9 40.3 36.5 4.15

009 10D. CLEAN AIRFRAME 28/B 3C 4C

N 228 CLEAN EXTERNAL SURFACES OF AIRCRAFT OTHER THAN TRANSPARENT SURFACES 3.44 57.4 66.7 63.2 68.9 87.0 78.4 84.2 57.1 3.52

M 230 CLEAN TRANSPARENT SURFACES 5.00 52.6 50.0 66.0 68.9 79.6 58.8 57.0 55.6 3.27
M 229 CLEAN INTERIOR OF AIRCRAFT, SUCH AS CREW COMPARTMENTS OR 3.56 48.1 61.1 71.5 68.9 57.4 64.9 50.2 54.0 3.28

CARGO COMPARTMENTS
M 381 TREAT MINOR AIRCRAFT CORROSION 3.49 28.3 66.7 38.2 33.3 25.9 30.9 40.3 36.5 4.15
R 888 CLEAN ENGINE AIR INTAKE DUCTS 2.70 15.9 16.7 21.5 22.2 7.4 26.8 18.2 11.1 2.93

I 389 DECONTAMINATE AIRCRAFT 2.47 7.1 11.1 10.4 2.2 7.4 5.2 9.2 9.5 5.10
M 227 BRIGHTEN AIRCRAFT SURFACES 2.01 24.2 27.8 21.5 26.7 38.9 22.7 28.6 15.9 3.77
E 137 ANNOTATE AIRCRAFT/MISSILE EQUIPMENT PROPERTY RECORD FORMS .85 1.9 5.6 2.8 4.4 1.9 .0 1.0 4.6 4.88
(AF FORM 2691)

050 10E. IDENTIFY PRESENCE OF CORROSION 28/B 3C 4C

M 381 TREAT MINOR AIRCRAFT CORROSION 3.49 28.3 66.7 38.2 33.3 25.9 30.9 40.3 36.5 4.15

051 10F. PERFORM AIRCRAFT INSPECTIONS

052 10F17. PHASED CONCEPT OF PREFLIGHT, END -38 3C 4C
OF RUNWAY, THRUFLIGHT, BASIC POSTFLIGHT,
AND PHASED

0 TSM TITLES

X1	X1	OV-	F-	F8-	F-	F-	RF/	A-	X1
TE	IEL	IO	III	III	16	15	F-4	10	TO
AD	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(F)

053 10F12). PERIODIC CONCEPT OF PREFLIGHT, END 3B 3C 4C
OF RUNWAY, THROUGHFLIGHT, BASIC POSTFLIGHT,
HOURLY POSTFLIGHT, AND PERIODIC

054 10F13). ISOCRONAL CONCEPT OF PREFLIGHT, 3B 3C 4C
END OF RUNWAY, THROUGHFLIGHT, HOME STATION
CHECK, MINOR, MAJOR, AND BASIC
POSTFLIGHT (BPO)

055 10F14). SUPPLEMENTAL INSPECTIONS:
ACCEPTANCE, CALENDAR, SPECIAL, AND TIME
REPLACEMENT ITEM

056 10G. USE INTERPHONE 2B/1B 3C 4C

I 414 OPERATE AIRCRAFT RADIOS 2.99 20.0 16.7 20.1 22.2 9.3 5.2 22.4 41.3 4.39

057 10H. PERFORM GROUND HANDLING

I 403 GROUND AIRCRAFT 6.98 77.2 77.8 87.5 77.8 87.0 87.6 91.3 84.1 1.98

058 10H11). LAUNCH AIRCRAFT 2B/8 4C 4C

I 410 MARSHAL AIRCRAFT
I 426 PERFORM AIRCRAFT LAUNCH CHECKLIST PROCEDURES
W 311 REMOVE OR INSTALL AIRCRAFT PROTECTIVE COVERINGS

7.15	73.4	77.8	78.5	73.3	94.4	77.3	84.6	81.0	3.03
6.48	64.6	55.6	77.1	71.1	85.2	76.3	80.1	74.6	4.46
6.70	49.0	50.0	61.8	55.6	64.8	75.3	51.0	52.4	2.62

059 10H12). RECOVER AIRCRAFT 2B/8 4C 4C

I 410 MARSHAL AIRCRAFT
I 426 PERFORM AIRCRAFT RECOVERY CHECKLIST PROCEDURES
W 311 REMOVE OR INSTALL AIRCRAFT PROTECTIVE COVERINGS

7.15	73.4	77.8	78.5	73.3	94.4	77.3	84.6	81.0	3.03
6.39	60.8	44.4	75.0	60.0	79.6	67.0	74.6	66.7	4.61
6.70	49.0	50.0	61.8	55.6	64.8	75.3	51.0	52.4	2.62

ST5 431X1 FIRST-TERM AIRCRAFT GROUP COMPARISON

FCP601 PAGE 76

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

D TSM TITLES

060 10M(3). TON AIRCRAFT

061 10M(3)A). TON TEAM SUPERVISOR

I 395 DIRECT TOWING OPERATIONS

062 10M(3)B). TON VEHICLE OPERATOR

I 426 OPERATE TON VEHICLES DURING AIRCRAFT TOWING OPERATIONS

063 10M(3)C). TON BRAKE OPERATOR

I 413 OPERATE AIRCRAFT COCKPIT CONTROLS DURING TOWING OPERATIONS

064 10M(3)D). WING/TALE WALKER

I 450 WALK WINGS OR TAIL DURING TOWING OPERATIONS

065 10M(4). MOOR AIRCRAFT

I 411 MOOR AIRCRAFT

066 10M(5). JACK AND LEVEL AIRCRAFT

I 405 JACK AIRCRAFT USING AXLE JACKS
I 406 JACK AIRCRAFT USING TRIPPOD JACKS
I 407 LIFT AIRCRAFT BY AIR BAGS
I 420 OPERATE HYDRAULIC JACKING HANDPOLES

067 10M(5)A). JACKING SUPERVISOR

I 396 DIRECT JACKING OPERATIONS

X1

Y1

DEL

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35

36

37

38

39

40

41

42

43

44

45

46

47

48

49

50

51

52

53

54

55

56

57

58

59

60

X1

Y1

DEL

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35

36

37

38

39

40

41

42

43

44

45

46

47

48

49

50

51

52

53

54

55

56

57

58

59

60

X1

Y1

DEL

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35

36

37

38

39

40

41

42

43

44

45

46

47

48

49

50

51

52

53

54

55

56

57

58

59

60

X1

Y1

DEL

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35

36

37

38

39

40

41

42

43

44

45

46

47

48

49

50

51

52

53

54

55

56

57

58

59

60

X1

Y1

DEL

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35

36

37

38

39

40

41

42

43

44

45

46

47

48

49

50

51

52

53

54

55

56

57

58

59

60

X1

Y1

DEL

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

D TSN TITLES
 KI Y1 OV- F- FB- F- F- RF/ A- KI
 TE IFL 10 111 11 16 15 F-4 10 10
 =0= (M) (M) (M) (M) (M) (M) (M) (M) (M) (M)

068 10M151B). JACKING TEAM MEMBER 28/18 3C 4C

069 10M181: UPLAND BALLAST 28/18 3C 4C

M 313 REMOVE OR INSTALL BALLASTS 2.00 11.1 22.2 29.9 11.1 7.4 10.3 6.7 33.3 3.70

070 10M177: DOWNLOAD BALLAST 28/18 3C 4C

M 313 REMOVE OR INSTALL BALLASTS 2.00 11.1 22.2 29.9 11.1 7.4 10.3 6.7 33.3 3.70

071 11: AIRFRAME SYSTEMS

072 11A. AIRFRAME COMPONENTS AND CONSTRUCTION A B C

073 11B. PERFORM OPERATIONAL CHECK OF 28/B 3C 4C
 OPERATIONAL DOORS

M 295 OPERATIONALLY CHECK RAT DOORS 1.24 14.8 5.6 4.9 .0 3.7 1.0 37.1 3.2 4.10
 M 283 OPERATIONALLY CHECK AIR DEFLECTOR DOORS .52 8.3 5.6 34.7 40.0 3.7 3.1 5.5 3.2 4.57
 M 285 OPERATIONALLY CHECK BOMB BAY DOORS .45 6.6 5.6 32.6 55.6 1.9 .0 2.2 3.2 4.54
 M 292 OPERATIONALLY CHECK GUN PURGE DOORS .21 1.6 5.6 .7 .0 3.7 2.1 2.2 3.2 4.55
 M 294 OPERATIONALLY CHECK PHOTOFLASH DOORS .20 2.1 5.6 .7 .0 1.9 .0 4.5 3.2 4.65

074 11C11: REMOVE AIRFRAME COMPONENTS SUCH AS 28/18 4C
 COULINGS, PANELS, DOORS, RADOMES, AND
 RPT SECTIONS

M 310 REMOVE OR INSTALL AIRCRAFT HARDWARE, SUCH AS SCREWS OR FASTENERS 6.25 73.1 77.8 86.4 80.0 83.3 84.5 85.1 76.2 2.83
 M 303 REMOVE OR INSTALL ACCESS PANELS 6.07 74.2 72.2 89.6 75.6 47.0 67.6 89.1 76.2 2.89
 M 375 REMOVE OR INSTALL WING TIPS 3.97 33.5 22.2 19.4 33.3 9.3 32.0 44.8 30.2 4.95
 M 301 REMOVE OR INSTALL ACCESS DOOR OR MATCH LINAGE OR LATCHING MECHANISMS COMPONENTS 3.51 32.6 27.4 50.7 31.1 37.0 23.7 45.8 30.2 4.91
 M 347 REMOVE OR INSTALL RADOMES 2.61 26.8 5.6 41.7 35.6 11.1 49.5 44.5 11.1 4.79

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

SYNOPSIS 431X1 FIRST-TERM AIRCRAFT GROUP COMPARISON

FCP001 PAGE 78

DTM	TITLE	X1	TE	X1	OV-	F-	F8-	F-	F-	F-	RF-	A-	X1
		D	IFL	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(F)
M 372	REMOVE OR INSTALL WING LEADING EDGES	2.52	24.8	11.1	18.1	24.4	20.4	4.1	29.9	31.7	5.99		
M 318	REMOVE OR INSTALL CANOPY LINKAGE OR LATCHING MECHANISM COMPONENTS	2.50	11.2	44.4	11.8	.0	3.7	5.2	12.2	23.8	7.11		
M 307	REMOVE OR INSTALL AFT SECTIONS	1.89	23.5	22.2	22.2	15.6	14.8	5.2	23.4	7.9	6.07		
M 359	REMOVE OR INSTALL TAIL COMES	1.81	24.2	33.3	2.1	4.4	9.3	25.8	39.1	39.7	4.83		
M 374	REMOVE OR INSTALL WING TRAILING EDGES	1.79	12.5	57.8	16.0	13.3	13.0	5.2	19.7	19.0	5.79		
M 918	REMOVE OR INSTALL ENGINE COUPLINGS	1.74	14.2	50.0	20.1	37.8	11.1	6.2	6.7	69.8	4.19		
M 330	REMOVE OR INSTALL TURBOPUMP DOORS	1.41	21.1	5.6	.7	.0	1.9	.0	67.2	3.2	5.01		
M 375	REMOVE OR INSTALL WINGS	1.28	6.0	16.7	6.9	6.7	7.4	1.0	3.7	7.9	8.54		
M 346	REMOVE OR INSTALL RADOME COMPONENTS	1.17	9.7	5.6	18.8	17.8	3.7	12.4	16.7	6.3	4.83		
M 348	REMOVE OR INSTALL RAT DOORS	1.14	9.5	.0	4.9	2.2	1.9	.0	22.6	3.2	4.95		
M 916	REMOVE OR INSTALL BLOW-IN, SUCTION, OR FLIPPER DOORS	.92	8.8	.0	39.6	44.4	1.9	.0	7.5	3.2	5.28		
M 309	REMOVE OR INSTALL AIR DEFLECTOR DOORS	.74	10.5	11.1	52.8	46.7	7.4	3.1	8.7	3.2	5.28		
M 312	REMOVE OR INSTALL ARMOR PLATING	.60	4.1	50.0	2.1	2.2	3.7	2.1	3.5	12.7	3.56		
M 371	REMOVE OR INSTALL WING FOLDS	.59	7.1	5.6	2.1	.0	3.7	.0	20.6	3.2	6.52		
M 370	REMOVE OR INSTALL WING FOLD LATCHING MECHANISM COMPONENTS	.55	9.2	5.6	1.4	.0	1.9	.0	29.9	7.9	8.25		
M 315	REMOVE OR INSTALL BOMB BAY DOORS	.34	3.4	5.6	7.6	26.7	1.9	.0	1.0	4.8	5.51		
M 338	REMOVE OR INSTALL GUN PURGE DOORS	.25	2.0	11.1	.7	.0	3.7	3.1	2.5	3.2	7.94		
M 345	REMOVE OR INSTALL PHOTOFLASH DOORS	.21	1.9	11.1	.7	.0	1.9	.0	4.0	3.2	5.16		

	TIME	WINDSPEED	TEMPERATURE	HUMIDITY	PRESSURE	ALTITUDE	SPEED	DIRECTION	CLOUDS	WEATHER	REMARKS
075	11C(2). REMOVE NONEXPLOSIVE AIRCRAFT SEATS	28/-	AC	AC							
M 395	REMOVE OR INSTALL SEATS OTHER THAN EJECTION SEATS	1-1.9	12.6	18.7	55.6	1.9	.0	2.0	3.2	5.87	
076	11C(3). REMOVE CANOPY AND WINDSHIELD BRASS	1B/-	3C	AC							
M 317	REMOVE OR INSTALL CANOPIES	2.95	15.1	55.6	15.3	11.1	5.6	9.3	12.9	15.9	6.58
M 369	REMOVE OR INSTALL WINDOWS ON WINDSHIELDS	2.85	19.0	55.6	13.2	11.1	1.9	4.1	14.7	19.0	8.63
077	11C(4). REMOVE TRAVEL PODS	2B/-	3C	AC							
M 383	UPLOAD OR DOWNLOAD PODS	1.13	8.9	16.7	1.9	2.2	16.7	2.1	15.9	15.9	5.00
078	11D(1). INSTALL AIRFRAME COMPONENTS SUCH AS CONDUITS, PANELS, DOORS, RACKS, AND AFT SECTIONS	2B/10	AC	AC							
M 310	REMOVE OR INSTALL AIRCRAFT HARDWARE, SUCH AS SCREWS OR FASTENERS	8.25	73.1	77.8	86.8	80.0	83.3	88.5	85.1	76.2	2.83

STG 431X1 FIRST-TERM AIRCRAFT GROUP COMPARISON

FCP001 PAGE 79

OCCUPATIONAL ANALYSIS PROGRAM
USAFONC (ATC) RANDOLPH AFB TX

TITLE	X1	X2	OV-	F-	FB-	F-	F-	PF-	A-	X1
	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(F)
M 303 REMOVE OR INSTALL ACCESS PANELS	6.07	79.2	72.2	89.6	75.6	87.0	87.6	89.1	76.2	2.89
M 373 REMOVE OR INSTALL WING TIPS	3.97	33.5	22.2	19.4	53.3	9.3	32.0	84.8	30.2	8.95
M 301 REMOVE OR INSTALL ACCESS DOOR OR HATCH LINGAGE OR LATCHING MECHANISMS COMPONENTS	3.51	32.6	27.8	50.7	31.1	37.0	23.7	45.8	30.2	8.91
M 397 REMOVE OR INSTALL RADOMES	2.61	26.8	5.6	41.7	35.6	11.1	49.5	44.5	11.1	4.79
M 372 REMOVE OR INSTALL WING LEADING EDGES	2.52	28.8	11.1	18.1	24.4	20.4	4.1	29.5	31.7	5.99
M 318 REMOVE OR INSTALL CANOPY LINGAGE OR LATCHING MECHANISM	2.50	11.2	44.4	11.8	.0	3.7	5.2	12.2	23.8	7.11
M 307 REMOVE OR INSTALL AFT SECTIONS	1.89	23.5	22.2	22.2	15.6	14.8	5.2	23.4	7.9	6.07
M 359 REMOVE OR INSTALL TAIL COMES	1.81	24.2	33.3	2.1	4.4	9.3	25.8	39.1	39.7	4.85
M 374 REMOVE OR INSTALL WING TRAILING EDGES	1.79	12.5	27.8	16.0	13.3	13.0	5.2	19.7	19.0	5.79
M 918 REMOVE OR INSTALL ENGINE COVINGS	1.74	18.2	50.0	20.1	37.8	11.1	6.2	6.7	69.8	6.19
M 330 REMOVE OR INSTALL DRACHUTE DOORS	1.41	21.1	5.6	.7	.0	1.9	.0	67.2	3.2	5.01
M 375 REMOVE OR INSTALL WINGS	1.28	6.0	16.7	6.9	6.7	7.4	1.0	3.7	7.9	6.54
M 346 REMOVE OR INSTALL RADOME COMPONENTS	1.17	9.7	5.6	18.8	17.8	3.7	12.4	16.7	6.3	4.88
M 348 REMOVE OR INSTALL RAT DOORS	1.14	9.5	.0	4.4	2.2	1.9	.0	22.6	3.2	7.95
M 916 REMOVE OR INSTALL BLU-IN, SUCHER, OR FLIPPER DOORS	.92	8.8	.0	39.6	44.4	1.9	.0	7.5	3.2	5.28
M 309 REMOVE OR INSTALL AIR DEFLECTOR DOORS	.74	10.5	11.1	32.8	48.7	7.4	3.1	8.7	3.2	5.28
M 372 REMOVE OR INSTALL AFT PLATING	.60	4.1	50.0	2.1	2.2	3.7	2.1	3.5	12.1	3.54
M 372 REMOVE OR INSTALL WING FOLDS	.59	7.1	5.6	2.1	.0	3.7	.0	20.8	3.2	6.52
M 370 REMOVE OR INSTALL WING FOLD LATCHING MECHANISM COMPONENTS	.55	9.2	5.6	1.4	.0	1.9	.0	29.9	7.9	6.25
M 315 REMOVE OR INSTALL BOMB BAY DOORS	.34	3.4	5.6	7.8	28.7	1.9	.0	1.0	8.8	5.51
M 338 REMOVE OR INSTALL SUN PURGE DOORS	.25	2.0	11.1	.7	.0	3.7	3.1	2.5	3.2	4.94
M 345 REMOVE OR INSTALL PHOTOFLASH DOORS	.21	1.9	11.1	.7	.0	1.9	.0	4.0	3.2	5.16

079 11012). INSTALL NONEXPLOSIVE AIRCRAFT 28/- 9C 9C

SEATS

M 353 REMOVE OR INSTALL SEATS OTHER THAN EJECTION SEATS 1.19 12.3 16.7 55.6 55.6 1.9 .0 2.0 3.2 3.87

080 11013). INSTALL CANOPY AND WINDSHIELD 18/- 3C 9C
GLASS

M 317 REMOVE OR INSTALL CANOPIES 2.95 15.1 35.6 15.3 11.1 5.6 9.3 12.9 15.9 6.58

M 369 REMOVE OR INSTALL WINDOWS OR WINDSHIELDS 2.85 19.0 55.6 13.2 11.1 1.9 4.1 14.7 19.0 6.63

081 11014). INSTALL TRAVEL PODS 28/- 3C 9C

M 383 UPLOAD OR DOWNLOAD PODS 1.13 8.9 16.7 1.4 2.2 16.7 2.1 15.9 15.9 5.00

D TSK	TITLES	X1	Y1	OV	F-	F8-	F-	F-	FF-	A-	X1
		TE	1FL	10	111	111	16	15	F-4	10	TD
		40*	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(F)

002 11E. INSPECT AIRFRAME AND AIRFRAME COMPONENTS 2B/1B 3C 4C

M 230	INSPECT ACCESS PANELS	6.58	77.1	83.3	88.2	82.2	94.4	85.6	88.8	93.7	3.81
M 239	INSPECT AIRFRAME STRUCTURES	6.50	65.5	55.6	74.3	82.2	79.6	80.4	78.9	79.4	5.05
M 238	INSPECT AIRCRAFT FOR CORROSION	5.90	64.0	77.8	77.1	75.6	75.9	78.4	78.9	63.5	4.92
M 233	INSPECT ACCESS DOORS OR HATCHES	5.35	83.8	66.7	75.7	68.4	79.6	76.3	75.4	68.3	4.14
M 263	INSPECT WINDOWS OR WINDSHIELDS	4.54	56.6	72.2	63.2	66.7	37.0	57.7	67.2	60.3	4.16
M 240	INSPECT ANTENNAS	4.30	33.1	50.0	64.6	51.1	75.9	69.1	67.9	61.9	4.31
M 253	INSPECT RADOMES	3.80	44.8	22.2	67.4	71.1	83.3	80.4	75.1	9.5	3.94
M 275	INSPECT ENGINE COOLING LATCHES	1.98	11.9	50.0	16.7	44.4	5.6	2.1	5.2	61.9	3.81
M 254	INSPECT RAY DOORS	1.35	17.1	5.6	6.9	6.7	5.6	1.0	3.3	6.3	4.15
M 264	INSPECT WING FOLD SYSTEMS	1.12	22.1	5.6	4.2	2.2	3.7	2.1	72.6	3.3	4.88
M 298	OPERATIONALLY CHECK WING FOLD SYSTEMS	1.01	21.0	5.6	6.9	4.4	1.9	.0	70.1	3.2	4.35
M 249	INSPECT GUN PURGE DOORS	.74	7.0	12.1	3.3	.0	27.8	19.6	8.5	9.5	4.67
M 255	INSPECT RELIEF FACILITIES	.72	9.0	50.0	9.0	13.3	33.3	1.0	4.5	4.0	3.72
M 292	INSPECT PHOTOFLASH DOORS	.40	4.4	11.1	2.8	.0	3.7	1.0	11.2	3.2	4.45

003 11F11. ADJUST OPERATIONAL DOORS 2B/- 3C 3C

M 205	ADJUST ACCESS DOOR OR HATCH LATCHES OR LATCHING MECHANISMS	4.53	37.8	61.1	57.8	58.8	46.3	27.8	48.3	38.1	4.88
M 219	ADJUST RAM AIR TURBINE (RAT) DOORS	1.07	7.6	11.1	3.5	2.2	3.7	1.0	12.2	3.2	5.45
M 208	ADJUST BOMB BAY DOOR LATCHES OR LATCHING MECHANISMS	.86	3.3	16.7	4.9	24.4	1.9	.0	3.0	3.2	3.82
M 216	ADJUST GUN PURGE DOORS	.46	2.4	11.1	1.4	.0	3.7	6.2	3.7	3.2	5.45
M 218	ADJUST PHOTOFLASH DOORS	.29	1.9	5.6	.7	.0	1.9	.0	4.0	3.2	5.26

004 11F12. ADJUST COWL FLAPS 2B/- 3C 3C

005 12. LANDING GEAR SYSTEMS

006 12A. LANDING GEAR COMPONENTS AND SYSTEM OPERATION A B C

007 12B11. PERFORM LANDING GEAR OPERATIONAL CHECK 2B/1B 3C 4C

J 500	OPERATIONALLY CHECK LANDING GEAR INDICATOR SYSTEMS	3.84	25.9	50.0	21.5	6.7	35.2	32.0	37.8	25.4	4.50
-------	--	------	------	------	------	-----	------	------	------	------	------

STS 43123 FIRST-TERM AIRCRAFT GROUP COMPARISON

FCP601 PAGE 81

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

C TSK

TITLES

X1 X1 OV- F- FB- F- HF/ A- X1
TE IFL ID ILL 16 15 F-4 10 TD
*DO (M) (M) (M) (M) (M) (M) (F)

J 499 OPERATIONALLY CHECK LANDING GEAR EXTENSION OR RETRACTION MECHANISMS 3.52 26.4 66.7 22.2 8.9 40.7 40.2 33.1 34.9 5.21

088 128(12). PERFORM BRAKE OPERATIONAL CHECK 28/18 3C 4C

J 497 OPERATIONALLY CHECK BRAKE SYSTEMS 5.02 33.1 50.11 29.2 28.9 38.9 39.8 33.8 38.1 4.46

089 128(13). PERFORM STEERING SYSTEM OPERATIONAL CHECK 28/18 3C 4C

J 503 OPERATIONALLY CHECK LANDING GEAR STEERING SYSTEMS 2.62 13.5 22.2 10.4 4.4 16.7 23.7 15.7 17.5 4.93

090 128(17). PERFORM ARRESTING GEAR OPERATIONAL CHECK 28/18 3C 4C

J 498 OPERATIONALLY CHECK ARRESTING GEAR SYSTEMS 2.62 30.6 11.1 34.0 33.3 40.7 58.8 43.8 43.8 4.33

091 128(15). PERFORM ANTI-SKID SYSTEM OPERATIONAL CHECK 28/8 3C 4C

J 495 OPERATIONALLY CHECK ANTISKID SYSTEMS 1.87 9.1 5.6 6.9 .0 13.0 6.2 20.9 15.9 5.17

092 12C(1). SERVICE ARRESTING GEAR 28/18 4C 4C

I 439 SERVICE HYDRAULIC SYSTEMS 7.01 74.2 61.1 88.2 80.0 90.7 81.4 87.3 81.0 3.68
I 443 SERVICE PNEUMATIC SYSTEMS 5.51 54.4 16.7 84.0 77.8 85.2 39.2 88.3 34.9 4.05
M 740 SERVICE TAIL MOONS 2.29 33.7 .0 75.0 68.9 37.0 58.8 66.7 9.5 3.90

093 12C(2). SERVICE SHOCK STRUTS 28/18 4C 4C

J 539 SERVICE LANDING GEAR STRUTS WITH NITROGEN OR AIR 5.69 52.4 55.6 64.6 60.0 51.9 66.0 68.4 42.1 40
J 538 SERVICE LANDING GEAR STRUTS WITH HYDRAULIC FLUIDS 5.85 48.5 55.6 50.7 53.3 53.7 54.6 60.2 33.5 33.8

094 12C(13). SERVICE TIRES 28/18 4C 4C

D TSM TITLES

I 447 SERVICE TIMES

095 12C191. SERVICE BRAKE SYSTEM 28/18 AC AC

J 532 SERVICE BRAKE SYSTEMS

096 12C191. SERVICE LANDING GEAR COMPONENTS 28/18 AC AC

097 120. LUBRICATE LANDING GEAR COMPONENTS 28/18 AC AC

H 281 LUBRICATE AIRCRAFT COMPONENTS
J 504 PACK WHEEL BEARINGS

098 12E. BLEED BRAKE SYSTEMS 28/18 AC AC

J 461 BLEED BRAKE SYSTEMS

099 12F. ADJUST LANDING GEAR COMPONENTS 27/28 3C

J 454 ADJUST LANDING GEAR DOOR LINKAGE, ACTUATING, OR LATCHING MECHANISMS

J 459 ADJUST LANDING GEAR UP OR DOWN LOCK MECHANISMS

J 452 ADJUST BRAKE SYSTEM MECHANICAL COMPONENTS

J 458 ADJUST LANDING GEAR STEERING SYSTEM COMPONENTS

H 741 ADJUST PROXIMITY OR MICRO SWITCHES

J 460 ADJUST NOSE GEAR FOLDING BULKHEAD LINKAGE OR LATCHING MECHANISMS

100 126113. REMOVE WHEEL AND TIRE ASSEMBLIES 28/18 AC AC

J 531 REMOVE OR INSTALL WHEEL ASSEMBLIES

101 126121. REMOVE BRAKE ASSEMBLIES 28/18 AC AC

X1 Y1 OV- F- FB- F- F- RF/ A- X1
YF 1FL 10 111 11 16 15 F-4 10 10
=D= (M) (M) (M) (M) (M) (M) (M) (F)

7.02 73.8 83.3 83.3 73.3 92.6 71.1 83.6 76.2 3.60

5.22 43.2 66.7 61.1 42.2 53.7 43.3 43.3 25.4 4.25

6.73 70.5 83.3 84.7 77.8 79.6 84.5 86.1 71.0 4.32
2.21 14.6 44.4 10.4 8.9 20.4 10.3 11.9 14.3 3.50

5.09 46.3 61.1 60.1 28.9 53.7 74.2 56.5 42.9 4.1

3.07 19.9 66.7 20.8 11.1 31.5 8.2 44.1 22.2 5.91

2.71 14.0 72.2 16.0 8.9 16.7 7.2 14.4 9.5 6.18
2.52 20.7 48.4 20.8 8.9 7.4 6.2 21.1 12.7 3.97
1.62 6.1 16.7 4.2 4.4 9.3 2.1 6.5 9.5 4.23
.75 2.7 .0 2.1 .0 1.9 .0 2.2 9.5 5.58
.52 4.6 11.1 4.9 6.7 7.4 1.0 5.0 6.3 6.10

6.10 31.8 55.8 47.8 13.3 61.1 60.8 70.1 49.2 4.67

D TSK TITLES

J 508 REMOVE OR INSTALL BRAKE ASSEMBLIES

102 126131. REMOVE LANDING GEAR COMPONENTS 1A/- 3C 4C

J 514 REMOVE OR INSTALL LANDING GEAR DOORS

J 526 REMOVE OR INSTALL LANDING GEAR STRUTS

J 528 REMOVE OR INSTALL LANDING GEAR UP OR DOWN LOCK MECHANISM

COMPONENTS

J 513 REMOVE OR INSTALL LANDING GEAR DOOR LINKAGE, ACTUATING, OR

LATCHING MECHANISM COMPONENTS

J 519 REMOVE OR INSTALL LANDING GEAR HYDRAULIC SYSTEM

COMPONENTS

J 509 REMOVE OR INSTALL BRAKE SYSTEM MECHANICAL COMPONENTS

OTHER THAN BRAKE ASSEMBLIES

J 525 REMOVE OR INSTALL LANDING GEAR STRUCTURAL COMPONENTS, SUCH

AS DRAG BRACES OR SWING ARMS

J 507 REMOVE OR INSTALL ARRESTING GEAR SYSTEM COMPONENTS

J 524 REMOVE OR INSTALL LANDING GEAR STEERING SYSTEM COMPONENTS

J 517 REMOVE OR INSTALL LANDING GEAR ELECTRICAL SYSTEM

COMPONENTS

J 506 REMOVE OR INSTALL ANTISHOCK SYSTEM COMPONENTS

J 515 REMOVE OR INSTALL LANDING GEAR DRAG PIN BUSHINGS

J 516 REMOVE OR INSTALL LANDING GEAR DRAG PINS

J 511 REMOVE OR INSTALL LANDING GEAR BELL CROWNS

J 529 REMOVE OR INSTALL NOSE GEAR FOLDING BULKHEAD LINKAGE OR

LATCHING MECHANISM COMPONENTS

103 12M11. INSTALL WHEEL AND TIRE ASSEMBLIES 2B/10 4C 4C

J 531 REMOVE OR INSTALL WHEEL ASSEMBLIES

104 12M12. INSTALL BRAKE ASSEMBLIES 2B/10 4C 4C

J 508 REMOVE OR INSTALL BRAKE ASSEMBLIES

105 12M13. INSTALL LANDING GEAR COMPONENTS 1A/- 3C 4C

J 514 REMOVE OR INSTALL LANDING GEAR DOORS

J 526 REMOVE OR INSTALL LANDING GEAR STRUTS

J 528 REMOVE OR INSTALL LANDING GEAR UP OR DOWN LOCK MECHANISM

COMPONENTS

X1 Y1 OV- F- F8- F- F- F- X1
YE IEL 10 111 16 15 10 10 10
+00 (M) (M) (M) (M) (M) (M) (M) (F)

6.10 55.4 61.1 61.1 11.1 74.2 79.1 47.6 4.93

4.97 40.3 55.4 54.2 42.2 35.2 21.6 54.2 36.5 4.97

3.22 17.2 81.1 21.5 8.9 20.4 6.2 21.9 19.0 6.57

2.59 14.5 50.0 19.4 8.9 18.5 4.1 16.9 6.3 5.65

2.50 19.1 44.4 27.1 13.3 18.5 8.2 23.9 14.3 5.39

2.01 11.9 44.4 10.4 2.2 9.3 6.2 12.4 25.4 5.49

2.32 12.5 27.8 20.8 8.9 7.4 9.3 21.4 11.1 5.06

2.11 9.8 44.4 9.0 4.4 7.4 3.1 11.7 12.7 5.78

1.83 16.2 5.6 25.7 6.7 31.5 34.0 31.8 6.3 5.08

1.85 5.7 16.7 4.2 2.2 7.4 4.1 6.2 7.9 5.68

1.23 4.8 22.2 4.9 2.2 7.4 1.0 7.0 9.5 5.37

1.21 10.9 5.6 12.5 4.4 11.1 3.1 55.2 17.5 4.91

.87 4.8 27.8 5.6 6.7 9.3 1.0 5.2 6.3 5.14

.83 5.4 22.2 6.3 6.7 14.8 3.1 5.5 9.5 5.05

.89 3.3 38.9 1.4 2.2 1.9 1.0 2.7 4.8 5.14

.43 3.4 5.6 5.6 4.4 5.6 2.1 3.2 3.2 5.64

6.10 51.8 35.6 64.6 13.3 61.1 60.8 70.1 49.2 4.47

6.10 55.4 61.1 61.1 11.1 61.1 74.2 79.1 47.6 4.93

4.97 40.3 55.4 54.2 42.2 35.2 21.6 54.2 36.5 4.97

3.22 17.2 81.1 21.5 8.9 20.4 6.2 21.9 19.0 6.57

2.59 14.5 50.0 19.4 8.9 18.5 4.1 16.9 6.3 5.65

SYS 43121 FIRST-TERM AIRCRAFT GROUP COMPARISON

TITLE	X1	Y1	OV-	F-	FB-	F-	5F/	A-	X1
TE	(H)	(H)	(H)	(H)	(H)	(H)	(H)	(H)	(F)
J 513 REMOVE OR INSTALL LANDING GEAR DOOR LINKAGE, ACTUATING, OR LATCHING MECHANISM COMPONENTS	2.50	19.1	44.4	27.1	13.3	18.5	8.2	23.9	14.3 5.39
J 519 REMOVE OR INSTALL LANDING GEAR HYDRAULIC SYSTEM COMPONENTS	2.41	11.9	44.4	10.4	2.2	9.3	6.2	12.4	25.4 5.49
J 509 REMOVE OR INSTALL BRAKE SYSTEM MECHANICAL COMPONENTS OTHER THAN BRAKE ASSEMBLIES	2.32	12.5	27.6	20.8	8.9	7.4	9.3	21.4	11.1 5.06
J 525 REMOVE OR INSTALL LANDING GEAR STRUCTURAL COMPONENTS, SUCH AS DRAG BRACES OR SWING ARMS	2.11	9.6	44.4	9.0	4.4	7.4	3.1	11.7	12.7 5.78
J 507 REMOVE OR INSTALL ARRESTING GEAR SYSTEM COMPONENTS	1.83	16.2	5.6	25.7	6.7	31.5	34.0	31.8	6.3 5.08
J 524 REMOVE OR INSTALL LANDING GEAR STEERING SYSTEM COMPONENTS	1.85	5.7	16.7	4.2	2.2	7.4	4.1	6.2	7.9 5.68
J 517 REMOVE OR INSTALL LANDING GEAR ELECTRICAL SYSTEM COMPONENTS	1.23	4.8	22.2	4.9	2.2	7.4	1.0	7.0	9.5 5.37
J 506 REMOVE OR INSTALL ANTISKID SYSTEM COMPONENTS	1.21	18.9	5.6	12.5	4.4	11.1	3.1	55.2	17.5 4.91
J 515 REMOVE OR INSTALL LANDING GEAR DRAG PIN BUSHINGS	.87	4.8	27.8	5.6	6.7	9.3	1.0	5.2	6.3 5.18
J 516 REMOVE OR INSTALL LANDING GEAR DRAG PINS	.83	5.4	22.2	6.3	6.7	14.8	3.1	5.5	9.5 5.05
J 529 REMOVE OR INSTALL ROSE BEAR FOLDING BACKWARD LINKAGE OR LATCHING MECHANISM COMPONENTS	.43	3.4	5.6	5.6	4.4	5.6	2.1	3.2	3.2 5.64

106 121. DETERMINE PERSISTENCY OF RETARDING AIRCRAFT TIES

107 120. TROUBLESHOOT LANDING GEAR SYSTEM

J 489 ISOLATE BRAKE SYSTEM MALFUNCTIONS	2.58	10.9	33.3	15.3	4.4	9.3	7.2	13.2	11.1 6.05
J 491 ISOLATE LANDING GEAR EXTENSION OR RETRACTION MECHANISM MALFUNCTIONS	1.98	9.0	33.3	7.6	4.4	7.4	5.2	10.4	9.5 8.44
M 207 INTERPRET SYSTEM SCHEMATICS	1.77	6.4	11.1	8.3	6.7	9.3	7.2	6.7	4.8 6.82
J 494 ISOLATE LANDING GEAR STEERING SYSTEM MALFUNCTIONS	1.63	5.6	16.7	5.6	4.4	5.6	4.1	4.2	6.3 6.59
J 488 ISOLATE ARRESTING GEAR SYSTEM MALFUNCTIONS	1.83	7.3	11.1	8.3	2.2	7.4	8.2	14.2	3.2 3.95
M 246 INTERPRET SYSTEM LAYOUT DRAWINGS OR BLUEPRINTS	.91	4.8	11.1	5.6	4.4	7.4	2.1	4.7	4.8 6.69
M 265 INTERPRET SYSTEM GRAPHS OR CHARTS	.85	4.9	5.6	9.0	2.2	5.6	5.2	3.7	11.1 5.78

108 124. INSPECT LANDING GEAR SYSTEM

J 485 INSPECT TIES	6.84	79.3	83.3	88.2	91.1	90.7	88.7	91.5	88.9 3.79
J 486 INSPECT WHEEL ASSEMBLIES	6.14	58.7	72.2	68.1	48.9	70.6	87.0	68.9	69.8 3.95
J 480 INSPECT BRAKE SYSTEMS	5.97	58.4	61.1	72.9	53.6	74.1	82.5	88.4	80.3 4.50
J 481 INSPECT LANDING GEAR HYDRAULIC SYSTEM COMPONENTS	5.17	68.2	83.3	76.4	71.1	75.9	79.4	81.8	77.8 4.48
J 474 INSPECT LANDING GEAR UP OR DOWN LOCK MECHANISMS	5.11	53.3	63.3	62.5	53.5	55.6	52.6	52.2	49.2 4.66
J 483 INSPECT LANDING GEAR EXTENSION OR RETRACTION MECHANISMS	4.99	44.8	61.1	55.8	42.2	61.1	49.3	54.2	42.9 4.80
J 480 INSPECT LANDING GEAR STRUCTURAL COMPONENTS	4.88	45.2	50.0	49.3	64.4	61.1	53.6	52.2	55.6 4.89

D TSK	TITLES	X1	X1	OV-	F-	FB-	F-	F-	15	RF/	A-	X1
		TE	1FL	10	1E1	111	16	16	(M)	(M)	(M)	(F)
J 469	INSPECT LANDING GEAR DOOR MECHANISMS	4.74	51.6	66.7	58.3	57.8	57.4	59.8	65.7	52.4	4.45	
J 471	INSPECT LANDING GEAR ELECTRICAL SYSTEM COMPONENTS	4.16	31.0	22.2	31.3	22.2	33.3	29.9	40.3	25.4	4.70	
J 479	INSPECT LANDING GEAR STEERING SYSTEMS	4.15	34.6	22.2	31.9	28.9	40.7	34.0	40.3	31.7	4.70	
J 487	INSPECT WHEEL BEARINGS	3.92	29.5	72.2	22.9	13.3	46.3	22.7	29.6	31.7	4.15	
J 465	INSPECT ARRESTING GEAR SYSTEMS	2.91	39.4	16.7	58.3	44.4	68.5	71.1	71.6	12.7	4.43	
J 470	INSPECT LANDING GEAR DRAG PINS OR BUSHINGS	2.01	27.3	22.2	27.1	28.4	33.3	26.8	40.0	23.8	4.60	
J 464	INSPECT ANTISKID SYSTEMS	2.32	25.6	5.6	36.1	22.2	35.2	35.1	48.5	28.6	4.52	
J 487	INSPECT LANDING GEAR BELL CRANKS	2.31	17.2	50.0	20.8	13.3	9.3	33.0	21.6	9.5	4.48	
J 475	INSPECT LANDING GEAR BOXES	.86	13.6	11.1	16.7	17.8	9.3	14.4	20.4	7.9	4.85	

109 13. UTILITY SYSTEMS

110 13A. UTILITY SYSTEM COMPONENTS AND SYSTEM A B C

111 13B(1). PERFORM OVERHEAT WARNING SYSTEM 28/18 3C 4C

K 576 OPERATIONALLY CHECK FIRE WARNING OR OVERHEAT DETECTION SYSTEMS

112 13B(2). PERFORM FIRE DETECTION SYSTEM 28/18 3C 4C

K 576 OPERATIONALLY CHECK FIRE WARNING OR OVERHEAT DETECTION SYSTEMS

113 13B(3). PERFORM FIRE EXTINGUISHING SYSTEM 28/18 3C 4C

K 575 OPERATIONALLY CHECK FIRE EXTINGUISHER OR SUPPRESSION SYSTEMS

SYS 431X1 FIRST-TERM AIRCRAFT GROUP COMPARISON

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

FCP601 PAGE 06

	X1	Y1	OV-	F-	F8-	F-	F-	F-	RF/	A-	X1
	YE	IEL	IO	111	111	16	15	15	F-4	10	Y0
	000	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(F)

D TSH

TITLES

114 138(4). PERFORM AIR CONDITIONING SYSTEM 28/8 3C 4C
OPERATIONAL CHECK

K 569 OPERATIONALLY CHECK AIR-CONDITIONING SYSTEMS 1.65 7.7 5.6 5.6 4.4 3.7 4.1 10.0 15.9 5.26

115 138(5). PERFORM OXYGEN SYSTEM OPERATIONAL 28/19 3C 4C
CHECK

K 568 LEAK CHECK OXYGEN SYSTEMS 2.94 18.0 38.9 18.8 15.6 11.1 12.4 21.9 11.1 4.30
K 577 OPERATIONALLY CHECK OXYGEN FEED SYSTEMS 2.45 13.0 22.2 6.9 17.8 11.1 12.4 19.4 23.8 4.30

116 138(6). PERFORM PRESSURIZATION SYSTEM 28/8 3C 4C
OPERATIONAL CHECK

K 578 OPERATIONALLY CHECK PRESSURIZATION SYSTEMS 1.09 5.5 5.6 6.3 2.2 1.9 2.1 6.0 4.5 5.11

117 138(7). PERFORM RAIN REMOVAL SYSTEM 28/8 3C 4C
OPERATIONAL CHECK

K 582 OPERATIONALLY CHECK WINDSHIELD RAIN REMOVAL SYSTEMS 1.21 7.6 38.9 13.9 22.2 1.9 3.1 8.7 19.0 4.43

118 138(8). PERFORM WINDSHIELD WIPER SYSTEM 28/8 3C 4C
OPERATIONAL CHECK

K 583 OPERATIONALLY CHECK WINDSHIELD WIPER SYSTEMS .32 2.9 55.6 1.4 2.2 .0 .0 .2 4.8 4.04

119 138(9). PERFORM BLEED AIR SYSTEM 28/8 3C 4C
OPERATIONAL CHECK

K 573 OPERATIONALLY CHECK BLEED AIR SYSTEMS 1.17 9.0 16.7 2.8 .0 .0 7.2 14.2 15.9 5.16

120 138(10). PERFORM ANTI-ICING SYSTEM 28/8 3C 4C
OPERATIONAL CHECK

K 581 OPERATIONALLY CHECK WINDSHIELD DEFOG SYSTEMS .97 5.4 11.1 3.8 8.7 1.9 3.1 5.7 19.0 4.60
K 574 OPERATIONALLY CHECK DEICING SYSTEMS .32 3.3 16.7 4.9 2.2 .0 3.1 3.0 11.1 5.13

STS 431X1 FIRST-TERM AIRCRAFT GROUP COMPARISON

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

FCP601 PAGE 17

MSI 0	TITLES
1	1. TITLE
2	2. AUTHOR
3	3. SUBJECT
4	4. PUBLICATION
5	5. DATE
6	6. PRICE
7	7. AVAILABILITY
8	8. NOTES
9	9. INDEXING
10	10. SUMMARY
11	11. ABSTRACT
12	12. REFERENCES
13	13. BIBLIOGRAPHY
14	14. CITATIONS
15	15. QUOTATIONS
16	16. PARAPHRASES
17	17. ANALYSES
18	18. CRITICISMS
19	19. REVIEWS
20	20. REVISIONS
21	21. CORRECTIONS
22	22. ADDENDUMS
23	23. SUPPLEMENTS
24	24. APPENDICES
25	25. INDEXES
26	26. GLOSSARIES
27	27. BIBLIOGRAPHIES
28	28. REFERENCES
29	29. CITATIONS
30	30. QUOTATIONS
31	31. PARAPHRASES
32	32. ANALYSES
33	33. CRITICISMS
34	34. REVIEWS
35	35. REVISIONS
36	36. CORRECTIONS
37	37. ADDENDUMS
38	38. SUPPLEMENTS
39	39. APPENDICES
40	40. INDEXES
41	41. GLOSSARIES
42	42. BIBLIOGRAPHIES
43	43. REFERENCES
44	44. CITATIONS
45	45. QUOTATIONS
46	46. PARAPHRASES
47	47. ANALYSES
48	48. CRITICISMS
49	49. REVIEWS
50	50. REVISIONS
51	51. CORRECTIONS
52	52. ADDENDUMS
53	53. SUPPLEMENTS
54	54. APPENDICES
55	55. INDEXES
56	56. GLOSSARIES
57	57. BIBLIOGRAPHIES
58	58. REFERENCES
59	59. CITATIONS
60	60. QUOTATIONS
61	61. PARAPHRASES
62	62. ANALYSES
63	63. CRITICISMS
64	64. REVIEWS
65	65. REVISIONS
66	66. CORRECTIONS
67	67. ADDENDUMS
68	68. SUPPLEMENTS
69	69. APPENDICES
70	70. INDEXES
71	71. GLOSSARIES
72	72. BIBLIOGRAPHIES
73	73. REFERENCES
74	74. CITATIONS
75	75. QUOTATIONS
76	76. PARAPHRASES
77	77. ANALYSES
78	78. CRITICISMS
79	79. REVIEWS
80	80. REVISIONS
81	81. CORRECTIONS
82	82. ADDENDUMS
83	83. SUPPLEMENTS
84	84. APPENDICES
85	85. INDEXES
86	86. GLOSSARIES
87	87. BIBLIOGRAPHIES
88	88. REFERENCES
89	89. CITATIONS
90	90. QUOTATIONS
91	91. PARAPHRASES
92	92. ANALYSES
93	93. CRITICISMS
94	94. REVIEWS
95	95. REVISIONS
96	96. CORRECTIONS
97	97. ADDENDUMS
98	98. SUPPLEMENTS
99	99. APPENDICES
100	100. INDEXES

[illegible]

121	13C(11). SERVICE OXYGEN SYSTEM	28/10	4C
121	13C(11). SERVICE OXYGEN SYSTEM	28/10	4C

144 I 144 SERVICE OXYGEN SYSTEMS WITH ALTA Q10017 ALTA Q10017 OXYGEN

I I 441 SERVICE OXYGEN SYSTEMS WITH LIQUID OXYGEN
I I 440 SERVICE OXYGEN SYSTEMS WITH HIGH PRESSURE GASEOUS OXYGEN

I 442 SERVICE OXYGEN SYSTEMS WITH LOW PRESSURE GASEOUS OXYGEN

122	13C(2). SERVICE NITROGEN SYSTEM	20/-	3C	4C
-----	---------------------------------	------	----	----

123 13C(3): SERVICE ENVIRONMENTAL SYSTEM 28/B JC 4C

K 602 SERVICE AIR-CONDITIONING SYSTEMS

K 606 SERVICE WINDFIELD WASHNER SYSTEMS

K 603 SERVICE AIRCRAFT MOUNTED AIR COMPRESSORS

124	190117	PURGE OXYGEN SYSTEM	18/7A	38	40
-----	--------	---------------------	-------	----	----

K 505 PURGE LIQUID OXYGEN SYSTEMS

K 584 PUMPE GASEOUS OXYGEN SYSTEMS

125	130(2). PURGE NITROGEN SYSTEM	10/-	30	90
-----	-------------------------------	------	----	----

126 CELL 17. DRAIN OXYGEN SYSTEM 187A 3C 4C

127 13E(12). DRAIN NITROGEN SYSTEM 10/- 30 4C

128- 13F. REMOVE UTILITY SYSTEM COMPONENTS ----- 2B/2-3C----- 4C

SUCH AS DUCTS, VALVES, AND DEMULSIFIERS

W 595 REMOVE OR INSTALL OXYGEN REGULATORS

506 REMOVE OR INSTALL AIR-CONDITIONING SYSTEM COMPONENTS

Year	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100																																																																																																																												
Population	1.00	1.01	1.02	1.03	1.04	1.05	1.06	1.07	1.08	1.09	1.10	1.11	1.12	1.13	1.14	1.15	1.16	1.17	1.18	1.19	1.20	1.21	1.22	1.23	1.24	1.25	1.26	1.27	1.28	1.29	1.30	1.31	1.32	1.33	1.34	1.35	1.36	1.37	1.38	1.39	1.40	1.41	1.42	1.43	1.44	1.45	1.46	1.47	1.48	1.49	1.50	1.51	1.52	1.53	1.54	1.55	1.56	1.57	1.58	1.59	1.60	1.61	1.62	1.63	1.64	1.65	1.66	1.67	1.68	1.69	1.70	1.71	1.72	1.73	1.74	1.75	1.76	1.77	1.78	1.79	1.80	1.81	1.82	1.83	1.84	1.85	1.86	1.87	1.88	1.89	1.90	1.91	1.92	1.93	1.94	1.95	1.96	1.97	1.98	1.99	2.00	2.01	2.02	2.03	2.04	2.05	2.06	2.07	2.08	2.09	2.10	2.11	2.12	2.13	2.14	2.15	2.16	2.17	2.18	2.19	2.20	2.21	2.22	2.23	2.24	2.25	2.26	2.27	2.28	2.29	2.30	2.31	2.32	2.33	2.34	2.35	2.36	2.37	2.38	2.39	2.40	2.41	2.42	2.43	2.44	2.45	2.46	2.47	2.48	2.49	2.50	2.51	2.52	2.53	2.54	2.55	2.56	2.57	2.58	2.59	2.60	2.61	2.62	2.63	2.64	2.65	2.66	2.67	2.68	2.69	2.70	2.71	2.72	2.73	2.74	2.75	2.76	2.77	2.78	2.79	2.80	2.81	2.82	2.83	2.84	2.85	2.86	2.87	2.88	2.89	2.90	2.91	2.92	2.93	2.94	2.95	2.96	2.97	2.98	2.99	3.00	3.01	3.02	3.03	3.04	3.05	3.06	3.07	3.08	3.09	3.10	3.11	3.12	3.13	3.14	3.15	3.16	3.17	3.18	3.19	3.20	3.21	3.22	3.23	3.24	3.25	3.26	3.27	3.28	3.29	3.30	3.31	3.32	3.33	3.34	3.35	3.36	3.37	3.38	3.39	3.40	3.41	3.42	3.43	3.44	3.45	3.46	3.47	3.48	3.49	3.50	3.51	3.52	3.53	3.54	3.55	3.56	3.57	3.58	3.59	3.60	3.61	3.62	3.63	3.64

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

SYSTEMS ANALYSIS FIRST-TERM AIRCRAFT GROUP COMPARISON

FCP601 PAGE 88

U TSK	TITLES	X1 TE	X1 1FL	OV- (M)	F- 111 (M)	F8- 111 (M)	F- 16 (M)	F- 15 (M)	RF/ (M)	A- 1G (M)	X1 TD (F)
K 593	REMOVE OR INSTALL GASEOUS OXYGEN ROTTLES	1.09	6.4	22.2	7.6	4.4	3.7	1.0	5.5	9.5	4.46
K 599	REMOVE OR INSTALL WINDSHIELD RAIN REMOVAL SYSTEM COMPONENTS	.72	3.5	22.2	3.5	.0	.0	2.1	2.5	7.9	5.00
K 598	REMOVE OR INSTALL WINDSHIELD DEFOG SYSTEM COMPONENTS	.85	3.2	5.6	1.4	.0	.0	2.1	2.5	6.3	4.90
M 341	REMOVE OR INSTALL LEADING EDGE BLEED AIR DUCTS	.56	5.0	11.1	4.2	2.2	1.9	.0	11.2	3.2	6.47
K 601	REMOVE OR INSTALL WINDSHIELD WIPER SYSTEM COMPONENTS	.25	2.3	22.2	.7	.0	.0	.0	.0	3.2	4.39
K 600	REMOVE OR INSTALL WINDSHIELD WASHER SYSTEM COMPONENTS	.20	2.2	11.1	4.9	4.4	.0	.0	.5	7.9	4.67
K 600	REMOVE OR INSTALL HEATING SYSTEM COMPONENTS	.19	1.5	5.6	1.4	.0	.0	2.1	1.0	4.8	5.69

	20/-	30	40
129	136.	REMOVE LOX CONVERTERS	

	30.3	36.7	49.3	60.0	77.8	82.9	66.2	58.7	4.14
--	------	------	------	------	------	------	------	------	------

130	13H. INSTALL UTILITY SYSTEM COMPONENTS	2B/-	3C	4C

ITEM	DESCRIPTION	QTY	UNIT	PRICE	TOTAL	AMOUNT	DATE	BY
K 595	REMOVE OR INSTALL OXYGEN REGULATORS	1.66	9.2	11.2	29.9	53.3	1.9	6.2
K 596	REMOVE OR INSTALL AIR-CONDITIONING SYSTEM COMPONENTS	1.11	4.4	5.6	2.8	2.2	3.7	1.0
K 597	REMOVE OR INSTALL GASEOUS OXYGEN BOTTLES	1.09	6.4	22.2	7.6	4.4	0.0	2.1
K 598	REMOVE OR INSTALL WINDSHIELD RAIN REMOVAL SYSTEM COMPONENTS	.72	3.5	22.2	3.5	0.0	0.0	2.1
K 599	REMOVE OR INSTALL WINDSHIELD DEFOG SYSTEM COMPONENTS	.65	3.2	5.6	1.4	0.0	0.0	2.1
K 600	REMOVE OR INSTALL LEADING EDGE BLEED AIR DUCTS	.56	5.0	11.1	4.2	2.2	1.9	0.0
K 601	REMOVE OR INSTALL WINDSHIELD WIPER SYSTEM COMPONENTS	.25	2.3	22.2	.7	0.0	0.0	0.0
K 602	REMOVE OR INSTALL WINDSHIELD WASHER SYSTEM COMPONENTS	.20	2.2	11.1	4.9	4.4	0.0	0.0
K 603	REMOVE OR INSTALL WINDSHIELD SYSTEM COMPONENTS	.19	1.5	5.6	1.4	0.0	0.0	2.1
K 604	REMOVE OR INSTALL WINDSHIELD SYSTEM COMPONENTS	.19	1.5	5.6	1.4	0.0	0.0	2.1
K 605	REMOVE OR INSTALL WINDSHIELD SYSTEM COMPONENTS	.19	1.5	5.6	1.4	0.0	0.0	2.1
K 606	REMOVE OR INSTALL WINDSHIELD SYSTEM COMPONENTS	.19	1.5	5.6	1.4	0.0	0.0	2.1
K 607	REMOVE OR INSTALL WINDSHIELD SYSTEM COMPONENTS	.19	1.5	5.6	1.4	0.0	0.0	2.1
K 608	REMOVE OR INSTALL WINDSHIELD SYSTEM COMPONENTS	.19	1.5	5.6	1.4	0.0	0.0	2.1
K 609	REMOVE OR INSTALL WINDSHIELD SYSTEM COMPONENTS	.19	1.5	5.6	1.4	0.0	0.0	2.1
K 610	REMOVE OR INSTALL WINDSHIELD SYSTEM COMPONENTS	.19	1.5	5.6	1.4	0.0	0.0	2.1
K 611	REMOVE OR INSTALL WINDSHIELD SYSTEM COMPONENTS	.19	1.5	5.6	1.4	0.0	0.0	2.1
K 612	REMOVE OR INSTALL WINDSHIELD SYSTEM COMPONENTS	.19	1.5	5.6	1.4	0.0	0.0	2.1
K 613	REMOVE OR INSTALL WINDSHIELD SYSTEM COMPONENTS	.19	1.5	5.6	1.4	0.0	0.0	2.1
K 614	REMOVE OR INSTALL WINDSHIELD SYSTEM COMPONENTS	.19	1.5	5.6	1.4	0.0	0.0	2.1
K 615	REMOVE OR INSTALL WINDSHIELD SYSTEM COMPONENTS	.19	1.5	5.6	1.4	0.0	0.0	2.1
K 616	REMOVE OR INSTALL WINDSHIELD SYSTEM COMPONENTS	.19	1.5	5.6	1.4	0.0	0.0	2.1
K 617	REMOVE OR INSTALL WINDSHIELD SYSTEM COMPONENTS	.19	1.5	5.6	1.4	0.0	0.0	2.1
K 618	REMOVE OR INSTALL WINDSHIELD SYSTEM COMPONENTS	.19	1.5	5.6	1.4	0.0	0.0	2.1
K 619	REMOVE OR INSTALL WINDSHIELD SYSTEM COMPONENTS	.19	1.5	5.6	1.4	0.0	0.0	2.1
K 620	REMOVE OR INSTALL WINDSHIELD SYSTEM COMPONENTS	.19	1.5	5.6	1.4	0.0	0.0	2.1
K 621	REMOVE OR INSTALL WINDSHIELD SYSTEM COMPONENTS	.19	1.5	5.6	1.4	0.0	0.0	2.1
K 622	REMOVE OR INSTALL WINDSHIELD SYSTEM COMPONENTS	.19	1.5	5.6	1.4	0.0	0.0	2.1
K 623	REMOVE OR INSTALL WINDSHIELD SYSTEM COMPONENTS	.19	1.5	5.6	1.4	0.0	0.0	2.1
K 624	REMOVE OR INSTALL WINDSHIELD SYSTEM COMPONENTS	.19	1.5	5.6	1.4	0.0	0.0	2.1
K 625	REMOVE OR INSTALL WINDSHIELD SYSTEM COMPONENTS	.19	1.5	5.6	1.4	0.0	0.0	2.1
K 626	REMOVE OR INSTALL WINDSHIELD SYSTEM COMPONENTS	.19	1.5	5.6	1.4	0.0	0.0	2.1
K 627	REMOVE OR INSTALL WINDSHIELD SYSTEM COMPONENTS	.19	1.5	5.6	1.4	0.0	0.0	2.1
K 628	REMOVE OR INSTALL WINDSHIELD SYSTEM COMPONENTS	.19	1.5	5.6	1.4	0.0	0.0	2.1
K 629	REMOVE OR INSTALL WINDSHIELD SYSTEM COMPONENTS	.19	1.5	5.6	1.4	0.0	0.0	2.1
K 630	REMOVE OR INSTALL WINDSHIELD SYSTEM COMPONENTS	.19	1.5	5.6	1.4	0.0	0.0	2.1
K 631	REMOVE OR INSTALL WINDSHIELD SYSTEM COMPONENTS	.19	1.5	5.6	1.4	0.0	0.0	2.1
K 632	REMOVE OR INSTALL WINDSHIELD SYSTEM COMPONENTS	.19	1.5	5.6	1.4	0.0	0.0	2.1
K 633	REMOVE OR INSTALL WINDSHIELD SYSTEM COMPONENTS	.19	1.5	5.6	1.4	0.0	0.0	2.1
K 634	REMOVE OR INSTALL WINDSHIELD SYSTEM COMPONENTS	.19	1.5	5.6	1.4	0.0	0.0	2.1
K 635	REMOVE OR INSTALL WINDSHIELD SYSTEM COMPONENTS	.19	1.5	5.6	1.4	0.0	0.0	2.1
K 636	REMOVE OR INSTALL WINDSHIELD SYSTEM COMPONENTS	.19	1.5	5.6	1.4	0.0	0.0	2.

	20/-	3C	4C
121	12V INSTANT LOX CONVERTERS		

[illegible]

COAST GUARD VESSEL - 30

[illegible]

ST5 431X1 FIRST-TERM AIRCRAFT GROUP COMPARISON

O TSM TITLES

FCP601 PAGE 09

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

X1	Y1	OV-	F-	FB-	F-	F-	RF/	A-	X1
YE	IFL	ID	111	111	16	15	F-4	10	YD
0D*	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(F)

133 13J12). TROUBLESHOOT FIRE DETECTION - - 3C

134 13J13). TROUBLESHOOT FIRE EXTINGUISHING - - 3C

135 13J14). TROUBLESHOOT AIR CONDITIONING - - 3C

K 565 ISOLATE AIR-CONDITIONING SYSTEM MALFUNCTIONS

136 13J15). TROUBLESHOOT OXYGEN SYSTEM - - 3C

137 13J16). TROUBLESHOOT PRESSURIZATION - - 3C

K 567 ISOLATE PRESSURIZATION SYSTEM MALFUNCTIONS

138 13J17). TROUBLESHOOT RAIN REMOVAL SYSTEM - - 3C

139 13J18). TROUBLESHOOT WINDSHIELD WIPER - - 3C

140 13J19). TROUBLESHOOT BLEED AIR SYSTEM - - 3C

141 13J107). TROUBLESHOOT ANTI-ICING SYSTEM - - 3C

K 566 ISOLATE DEICING SYSTEM MALFUNCTIONS

.22 1.3 11.1 2.1 .0 .0 1.0 .7 3.2 6.18

STX 431X1 FIRST-TERM AIRCRAFT GROUP COMPARISON

FCP001 PAGE 90

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

D TSM TITLES

XJ Y1 OV- F- FB- F- RF/ A- X1
TE 1FL 1D 111 111 16 15 F-4 10 10
-0- (M) (M) (M) (M) (M) (M) (F)

142 13K11). INSPECT OVERHEAT WARNING SYSTEM 28/18 3C 4C

M 595 INSPECT FIRE WARNING OR OVERHEAT DETECTION SYSTEMS 4.12 33.4 33.3 47.9 24.4 14.8 37.1 35.8 34.9 4.73

143 13K12). INSPECT FIRE DETECTION SYSTEM 28/18 3C 4C

M 595 INSPECT FIRE WARNING OR OVERHEAT DETECTION SYSTEMS 4.12 33.4 33.3 47.9 24.4 14.8 37.1 35.8 34.9 4.73

144 13K13). INSPECT FIRE EXTINGUISHING SYSTEM 28/18 3C 4C

M 554 INSPECT FIRE EXTINGUISHER OR SUPPRESSION SYSTEMS 1.05 13.8 27.8 35.8 15.8 7.4 29.9 6.0 31.7 4.31

145 13K14). INSPECT AIR CONDITIONING SYSTEM 28/18 3C 4C

M 546 INSPECT AIR-CONDITIONING SYSTEMS 1.93 8.0 5.6 6.9 4.4 9.3 6.2 7.7 14.3 4.93

146 13K15). INSPECT OXYGEN SYSTEM 28/18 3C 4C

M 557 INSPECT LIQUID OXYGEN SYSTEMS 3.36 33.9 5.6 38.9 46.7 44.4 46.4 46.8 46.2 4.53
M 556 INSPECT GASEOUS OXYGEN SYSTEMS 1.94 14.5 33.3 36.8 35.6 5.6 9.3 8.2 4.8 4.41

147 13K16). INSPECT PRESSURIZATION SYSTEM 28/18 3C 4C

M 547 INSPECT AIRCRAFT MOUNTED AIR COMPRESSORS .54 5.9 5.6 4.2 .0 3.7 1.0 15.7 7.9 4.82

148 13K17). INSPECT RAIN REMOVAL SYSTEM 28/18 3C 4C

M 562 INSPECT WINDSHIELD RAIN REMOVAL SYSTEMS 1.64 12.2 38.9 18.8 26.7 7.4 9.3 13.9 28.6 4.26

149 13K18). INSPECT WINDSHIELD WIPER SYSTEM 28/18 3C 4C

M 544 INSPECT WINDSHIELD WIPER SYSTEMS .37 3.8 50.0 2.8 2.2 1.9 .0 1.2 4.8 4.09

STS 431X1 FIRST-TERM AIRCRAFT GROUP COMPARISON

FCP601 PAGE 91

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH FB TX

771LES

	X1	Y1	OV-	F-	F8-	F-	F-	RF/	A-	X1
YF	1EL	10	111	16	15	F-4	10	TD		
D	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(F)

150 13K(9). INSPECT BLEED AIR SYSTEM 20/18 3C 4C

151 13K107. INSPECT ANTICIPATING SYSTEM 3C

K 561 INSPECT WINDSHIELD DEFOG SYSTEMS 1.71 10.3 22.2 7.6 13.3 3.7 5.2 10.0 22.2 4.36
K 551 INSPECT DEICING SYSTEMS .54 5.9 16.7 13.2 4.4 1.9 8.2 4.7 9.5 4.81

152 14. FLIGHT CONTROL SYSTEMS

153 14B. FLIGHT CONTROL COMPONENTS AND SYSTEM A B C
OPERATION

154 14B. PERFORM OPERATIONAL CHECKS OF FLIGHT 2878 3C 4C
CONTROL SYSTEMS

L 649 OPERATIONALLY CHECK FLAP SYSTEMS 3.09 30.5 38.9 45.8 48.9 11.1 19.6 42.0 39.7 5.08
L 653 OPERATIONALLY CHECK PRIMARY FLIGHT CONTROL SYSTEMS 3.06 24.0 22.2 18.1 22.2 9.3 26.8 32.6 38.1 5.29
L 655 OPERATIONALLY CHECK SPOILER ON SPEED BRAKE SYSTEMS 2.87 27.2 .0 28.5 24.8 16.7 26.8 41.0 36.5 5.02
L 644 MEASURE FLIGHT CONTROL SURFACE TRAVEL USING PROTRACTORS, 2.82 11.1 27.8 9.0 6.7 3.7 10.3 11.4 12.7 5.63
TEAPLATES, OR RIGGING DEVICES
L 652 OPERATIONALLY CHECK FLIGHT CONTROL TRIM SYSTEMS 2.82 18.6 27.8 6.3 13.3 5.6 13.4 22.9 31.7 5.21
L 645 MEASURE FORCE FEEL OF STICKS OR COLUMNS 1.30 5.6 .0 10.4 6.7 .0 1.0 5.5 9.5 5.58
L 654 OPERATIONALLY CHECK SLAT SYSTEMS 1.14 15.6 .0 50.0 48.9 .0 .0 25.6 39.7 5.11
L 430 PERFORM STAB DRUP CHECKS 1.06 14.3 5.6 44.6 53.6 7.4 5.2 18.7 6.3 8.29
L 650 OPERATIONALLY CHECK FLIGHT CONTROL HYDRAULIC .96 5.1 5.6 2.1 4.4 1.9 5.2 6.0 14.3 5.38
POWER PACKAGES
L 646 OPERATIONALLY CHECK ARTIFICIAL FEEL SYSTEMS .87 4.6 5.6 2.1 2.2 .0 1.0 6.0 9.5 5.62
L 651 OPERATIONALLY CHECK FLIGHT CONTROL LOCKING MECHANISMS .86 6.9 .0 3.5 4.4 3.7 7.2 9.2 7.9 5.22
L 656 OPERATIONALLY CHECK WING SWEEP SYSTEMS .50 4.9 .0 31.3 35.6 .0 .0 1.5 4.8 5.37
L 647 OPERATIONALLY CHECK AUTOPILOT SYSTEMS .34 2.8 .0 1.4 2.2 .0 1.0 6.0 11.1 5.67
L 648 OPERATIONALLY CHECK BLC SYSTEMS .32 5.8 .0 .7 .0 2.1 17.2 3.2 5.26

155 14C. REMOVE FLIGHT CONTROL COMPONENTS 2878 3C 4C
SUCH AS SURFACES AND ACTUATORS

L 644 REMOVE OR INSTALL FLAPS 3.31 23.7 38.9 20.8 13.3 25.9 12.4 38.1 33.3 6.02
L 648 REMOVE OR INSTALL PRIMARY FLIGHT CONTROL SURFACES 3.07 12.3 16.7 13.2 11.1 18.5 9.3 14.9 11.1 6.22

STS 431X1 FIRST-YFM AIRCRAFT GROUP COMPARISON

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

FCP601 PAGE 92

D TSK TITLES

X1	X1	OV-	F-	FB-	F-	F-	F-	RF/	A-	X1
TE	IFL	IO	III	III	IS	IS	IS	F-4	TD	TD
#0=	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(F)
L 687 REMOVE OR INSTALL SPOILERS OR SPEED BRAKES	2.63	22.2	11.1	41.0	33.3	7.4	12.4	38.8	11.1	5.87
M 340 REMOVE OR INSTALL HORIZONTAL STABILIZERS	2.22	12.4	50.0	16.0	11.1	31.5	6.2	18.7	17.5	7.06
L 670 REMOVE OR INSTALL FLIGHT CONTROL CABLE TURN BUCKLES	2.10	8.3	5.6	9.0	6.7	.0	3.1	5.5	7.9	5.80
L 668 REMOVE OR INSTALL FLIGHT CONTROL CABLE PULLEYS	2.09	9.0	16.7	8.3	6.7	.0	1.0	6.5	9.5	5.69
L 667 REMOVE OR INSTALL FLIGHT CONTROL BUSHINGS OR BEARINGS	2.03	9.8	27.8	14.6	8.9	5.6	4.1	9.2	14.3	5.72
L 671 REMOVE OR INSTALL FLIGHT CONTROL CABLES	2.02	8.8	5.6	11.1	8.9	.0	2.1	6.0	11.1	6.19
L 674 REMOVE OR INSTALL FLIGHT CONTROL PUSH PULL RODS	2.01	10.2	16.7	10.4	11.1	.0	3.1	9.0	12.7	5.74
M 339 REMOVE OR INSTALL HORIZONTAL OR VERTICAL STABILIZER LEADING EDGES	1.98	19.2	14.4	21.5	28.9	20.4	4.1	27.4	27.0	5.83
M 368 REMOVE OR INSTALL VERTICAL STABILIZERS	1.81	10.1	50.0	13.2	8.9	11.1	6.2	8.2	17.5	6.82
L 666 REMOVE OR INSTALL FLIGHT CONTROL BELL CRANKS	1.75	8.0	16.7	12.5	6.7	.0	3.1	9.5	9.5	6.05
L 661 REMOVE OR INSTALL FLAP CONTROL MECHANISM COMPONENTS	1.74	9.4	16.7	12.5	8.9	7.4	2.1	10.9	11.1	6.16
L 665 REMOVE OR INSTALL FLIGHT CONTROL ACTUATORS OTHER THAN WING SWEEP ACTUATORS	1.64	8.5	11.1	11.8	11.1	5.6	10.3	7.0	17.5	6.33
L 676 REMOVE OR INSTALL FLIGHT CONTROL TORQUE TUBES	1.60	8.0	5.6	9.7	8.9	14.8	3.1	8.2	11.1	5.66
L 679 REMOVE OR INSTALL GUST LOCKS	1.31	6.9	61.1	2.8	2.2	.0	.0	1.5	3.2	4.19
L 688 REMOVE OR INSTALL TRIM TABS	1.20	6.2	44.4	2.8	6.7	.0	.0	2.7	15.9	5.38
L 675 REMOVE OR INSTALL FLIGHT CONTROL SURFACE POSITION INDICATORS	.99	3.4	.0	2.1	4.4	1.9	2.1	4.5	11.1	5.31
L 669 REMOVE OR INSTALL FLIGHT CONTROL CABLE TENSION REGULATORS	.93	4.0	.0	5.6	6.7	.0	.0	3.5	6.3	6.14
L 672 REMOVE OR INSTALL FLIGHT CONTROL DRIVE MOTORS	.92	4.8	11.1	9.7	6.7	1.9	1.0	3.7	9.5	5.99
L 686 REMOVE OR INSTALL FLAP JACK SCREWS	.86	6.9	.0	19.4	22.2	.0	.0	11.4	23.8	6.20
L 662 REMOVE OR INSTALL FLIGHT CONTROL FEEL SYSTEM COMPONENTS	.78	4.9	5.6	8.3	6.7	.0	.0	3.0	3.2	6.06
L 657 REMOVE OR INSTALL ARTIFICIAL FEEL SYSTEM COMPONENTS	.69	3.6	.0	2.8	2.2	.0	1.0	5.2	9.5	5.65
L 681 REMOVE OR INSTALL RODDER DAMPERS	.63	4.3	.0	1.4	2.2	3.7	.0	9.5	3.2	5.83
L 663 REMOVE OR INSTALL FLAP OR SLAT ASYMMETRY SYSTEM COMPONENTS	.52	4.0	.0	9.7	6.7	16.7	.0	4.2	4.8	6.52
L 673 REMOVE OR INSTALL FLIGHT CONTROL GEAR BOXES	.49	4.3	11.1	7.6	6.7	3.7	.0	1.2	6.3	6.32
L 684 REMOVE OR INSTALL SLAT CONTROL MECHANISM COMPONENTS	.42	3.4	.0	10.4	6.7	.0	.0	5.0	11.1	6.09
L 677 REMOVE OR INSTALL FLIGHT CONTROL UNIVERSAL JOINTS	.42	2.9	5.6	4.2	6.7	1.9	.0	1.2	6.3	5.59
L 683 REMOVE OR INSTALL SLAT CARRIAGE ASSEMBLY COMPONENTS	.28	2.1	.0	10.4	6.7	.0	.0	1.2	6.3	5.89
L 682 REMOVE OR INSTALL SLAT DRIVE SYSTEMS COMPONENTS	.24	2.4	.0	9.0	6.7	.0	.0	2.5	6.3	5.90
L 658 REMOVE OR INSTALL BLC VALVE LINKAGE	.22	1.9	.0	.7	.0	.0	.0	3.7	3.2	5.68
L 685 REMOVE OR INSTALL SLAT JACK SCREWS	.17	1.8	.0	3.5	4.4	.0	.0	1.5	3.2	6.05
L 689 REMOVE OR INSTALL WING SWEEP ACTUATORS	.17	1.9	.0	10.4	11.1	.0	.0	.2	4.8	6.20
L 678 REMOVE OR INSTALL GUST DAMPERS	.12	1.3	.0	1.4	.0	.0	.0	.5	3.2	5.18

156 160. INSTALL FLIGHT CONTROL COMPONENTS 28/A 3C 4C
SUCH AS SURFACES AND ACTUATORS

L 664 REMOVE OR INSTALL FLAPS	3.31	23.7	38.9	20.8	13.3	25.9	12.4	38.1	33.3	6.02
L 680 REMOVE OR INSTALL PRIMARY FLIGHT CONTROL SURFACES	3.07	12.3	16.7	13.2	11.1	18.3	9.3	14.9	11.1	6.22
L 687 REMOVE OR INSTALL SPOILERS OR SPEED BRAKES	2.63	22.2	11.1	41.0	33.3	7.4	12.4	38.8	11.1	5.87
M 340 REMOVE OR INSTALL HORIZONTAL STABILIZERS	2.22	12.4	50.0	16.0	11.1	31.5	6.2	18.7	17.5	7.06
L 670 REMOVE OR INSTALL FLIGHT CONTROL CABLE TURN BUCKLES	2.10	8.3	5.6	9.0	6.7	.0	3.1	5.5	7.9	5.80
L 668 REMOVE OR INSTALL FLIGHT CONTROL CABLE PULLEYS	2.09	9.0	16.7	8.3	6.7	.0	1.0	6.5	9.5	5.69
L 667 REMOVE OR INSTALL FLIGHT CONTROL BUSHINGS OR BEARINGS	2.03	9.8	27.8	14.6	8.9	5.6	4.1	9.2	14.3	5.72

STS 43111 FIRST-TERM AIRCRAFT GROUP COMPARISON

FCP601 PAGE 94

USAFOMC (ATC) RANDOLPH AFB TX

TITLES

O TSM	X1	Y1	OV	F-	FB-	F-	F-	RF/	A-	X1
	TEL	10	111	16	15	16	15	F-4	10	TD
	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(F)
L 610 ADJUST FLAP OR SLAT ASYMMETRY SYSTEMS	.82	4.6	.0	9.7	6.7	14.8	.0	3.5	6.3	6.46
L 608 ADJUST FLAP CARRIAGE ASSEMBLIES	.88	3.9	5.6	11.8	8.9	1.9	.0	2.2	7.9	6.04
L 623 ADJUST SLAT CONTROL MECHANISMS	.53	2.9	.0	10.4	6.7	.0	.0	3.5	4.8	6.19
L 692 SYNCHRONIZE FLAP JACK SCREWS	.53	2.4	.0	5.6	6.7	.0	.0	2.2	3.2	6.50
L 622 ADJUST SLAT CARRIAGE ASSEMBLIES	.35	2.4	.0	11.8	6.7	.0	.0	1.5	1.6	6.10
L 693 SYNCHRONIZE SLAT JACK SCREWS	.17	1.2	.0	2.8	4.4	.0	.0	1.0	3.2	6.64
L 621 ADJUST REGULATORS ON FLIGHT CONTROL BALANCE PANELS	.15	.9	.0	1.4	2.2	.0	.0	.5	1.6	6.15

158 14F. TROUBLESHOOT FLIGHT CONTROL SYSTEMS - 28 3C

L 640 ISOLATE PRIMARY FLIGHT CONTROL SYSTEM MALFUNCTIONS	1.93	8.1	16.7	8.3	8.9	3.7	3.1	7.7	15.9	7.00
M 267 INTERPRET SYSTEM SCHEMATICS	1.77	6.4	11.1	8.3	6.7	9.3	7.2	6.7	1.8	6.82
L 639 ISOLATE FLIGHT CONTROL TRIM SYSTEM MALFUNCTIONS	1.72	6.9	22.2	2.8	6.7	1.9	2.1	6.7	14.3	6.63
L 638 ISOLATE FLAP SYSTEM MALFUNCTIONS	1.89	9.8	11.1	16.0	11.1	5.8	2.1	10.4	14.3	6.58
L 642 ISOLATE SPOILER OR SPEED BRAKE SYSTEM MALFUNCTIONS	1.68	8.5	.0	9.7	11.1	5.6	3.1	9.5	14.3	6.54
M 266 INTERPRET SYSTEM LAYOUT DRAWINGS OR BLUEPRINTS	.91	4.8	11.1	5.6	4.4	7.4	2.1	4.7	6.8	6.69
M 265 INTERPRET SYSTEM GRAPHS OR CHARTS	.85	4.9	5.6	9.0	2.2	5.6	5.2	5.2	12.1	5.78
L 641 ISOLATE SLAT SYSTEM MALFUNCTIONS	.86	4.3	.0	16.0	15.6	.0	.0	5.2	12.1	5.57
L 543 ISOLATE WING SWEEP SYSTEM MALFUNCTIONS	.22	2.4	.0	14.6	11.1	.0	.0	1.5	4.8	6.82

159 14G. LUBRICATE FLIGHT CONTROLS - 28/18 3C

M 201 LUBRICATE AIRCRAFT COMPONENTS	6.73	70.5	83.3	84.7	77.8	79.6	84.5	86.1	81.0	4.32
-------------------------------------	------	------	------	------	------	------	------	------	------	------

160 14H. INSPECT FLIGHT CONTROL SYSTEMS - 28/18 3C

L 629 INSPECT FLAP SYSTEMS	3.90	34.4	50.0	55.6	55.6	22.2	28.9	45.3	39.7	4.97
L 635 INSPECT PRIMARY FLIGHT CONTROL SYSTEMS	3.82	27.5	33.3	32.6	35.6	14.8	28.9	34.8	36.8	5.21
L 636 INSPECT SPOILER OR SPEED BRAKE SYSTEMS	3.67	37.5	11.1	51.4	42.2	40.7	32.0	57.2	30.1	4.89
L 632 INSPECT FLIGHT CONTROL TRIM SYSTEMS	2.80	18.0	33.3	11.1	11.1	5.6	14.4	22.9	25.9	5.17
L 634 INSPECT SLAT SYSTEMS	1.44	17.3	.0	59.7	55.6	1.9	3.1	26.9	39.7	5.00
L 630 INSPECT FLIGHT CONTROL ARTIFICIAL FEEL SYSTEMS	1.35	1.2	.0	4.9	4.4	1.9	3.1	9.7	11.1	5.24
L 631 INSPECT FLIGHT CONTROL LOCKING MECHANISMS	1.05	8.7	5.6	9.0	6.7	3.7	9.3	11.9	7.9	5.03
L 638 INSPECT WING SWEEP SYSTEMS	.84	7.0	.0	46.5	40.0	1.9	.0	2.7	3.2	4.86
L 628 INSPECT BLC DUCTS	.48	10.3	.0	.7	13.3	.0	3.1	31.1	1.6	4.72
L 627 INSPECT BLC VALVES	.29	2.8	.0	2.1	.0	.0	.0	6.5	1.6	4.85
L 625 INSPECT AUTOPILOT SYSTEMS	.28	1.9	.0	.7	2.2	.0	.0	2.7	6.3	5.53
L 620 INSPECT 00000-ENGINE LOGS	.02	.9	.0	1.4	2.2	.0	.0	1.2	1.6	5.04

161 15. PNEUDRAULIC SYSTEMS

X1 Y1 OV- F- FB- F- F- F- X1
YE IFL 10 111 111 16 15 F-4 10 7D
#00 (M) (M) (M) (M) (M) (M) (F)

162 15A. PNEUMATIC SYSTEM COMPONENTS AND
SYSTEM OPERATION A B C

163 15B11. PERFORM HYDRAULIC SYSTEM
OPERATIONAL CHECK 2B/1B 3C 4C

M 717 OPERATIONALLY CHECK HYDRAULIC SYSTEM ACTUATORS 2.91 18.9 16.7 18.8 8.9 16.7 17.5 23.4 20.6 5.31
M 719 OPERATIONALLY CHECK HYDRAULIC SYSTEM PUMPS 2.14 8.8 16.7 5.6 2.2 .0 8.2 9.5 7.9 5.86
M 720 OPERATIONALLY CHECK HYDRAULIC SYSTEM VALVES 1.62 5.6 5.6 4.9 2.2 1.9 7.2 5.2 7.9 5.32
M 718 OPERATIONALLY CHECK HYDRAULIC SYSTEM POWER PACKS .52 3.1 11.1 1.4 .0 .0 1.0 2.2 1.6 5.13

164 15B12. PERFORM PNEUMATIC SYSTEM
OPERATIONAL CHECK 2B/1B 3C 4C

M 721 OPERATIONALLY CHECK PNEUMATIC SYSTEM VALVES 1.05 4.5 .0 5.6 2.2 1.9 .0 7.0 3.2 5.23

165 15C11. SERVICE HYDRAULIC SYSTEM
2B/1B 4C 4C

I 439 SERVICE HYDRAULIC SYSTEMS 7.01 70.2 61.1 88.2 80.0 90.7 81.4 87.3 81.0 3.68
I 389 BLEED HYDRAULIC SYSTEMS 3.58 84.5 88.7 88.1 88.9 81.5 78.3 89.1 75.0 4.17
P 827 OPERATIONALLY CHECK HYDRAULIC SERVICING CARTS 3.61 28.4 22.2 27.8 24.4 20.4 20.6 32.8 25.4 3.43

166 15C12. SERVICE PNEUMATIC SYSTEM
2B/1B 4C 4C

I 443 SERVICE PNEUMATIC SYSTEMS 5.51 50.4 16.7 84.0 77.8 85.2 39.2 88.3 34.9 4.05
I 386 BLEED PNEUMATIC SYSTEMS 4.04 40.5 16.7 80.6 68.9 74.1 32.0 63.4 34.9 3.78

167 15C13. SERVICE ACCUMULATOR
2B/1B 4C 4C

M 727 SERVICE HYDRAULIC SYSTEM ACCUMULATORS 3.68 31.5 .0 39.0 44.4 51.9 33.0 36.3 44.4 4.13
M 738 SERVICE PNEUMATIC SYSTEM ACCUMULATORS 2.75 28.0 .0 61.1 55.6 46.3 16.5 38.8 14.3 4.11
L 691 SERVICE RUDDER DAMPERS .83 7.2 .0 4.9 .0 1.9 .0 22.4 4.8 0.84

168 15D. REMOVE PNEUMATIC SYSTEM COMPONENTS
SUCH AS ACTUATORS, ACCUMULATORS, AND
FILTERS 2B/1B 3C 4C

ST5 431X1 FIRST-TERM AIRCRAFT GROUP COMPARISON

FCP601 PAGE 06

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

D TSM	TITLES	Y1	Y2	OV-	F-	FB-	F-	F-	RF-	A-	X1
		(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(F)
M 735	REMOVE OR INSTALL SCHRAEDER VALVES	4.32	31.0	16.7	50.7	60.0	40.7	36.1	43.8	15.9	3.71
M 724	REMOVE OR INSTALL HYDRAULIC SYSTEM FILTERS	2.28	10.7	5.6	15.3	6.7	7.4	21.6	8.7	12.7	4.51
M 722	REMOVE OR INSTALL ACCUMULATOR PRESSURE GAUGES	1.97	9.1	.0	13.2	11.1	22.2	12.4	10.0	11.1	4.53
M 723	REMOVE OR INSTALL HYDRAULIC SYSTEM ACCUMULATORS	1.68	6.0	.0	7.6	2.2	5.6	5.2	6.2	17.5	5.07
M 727	REMOVE OR INSTALL HYDRAULIC SYSTEM SIGHT GAUGES	1.43	4.8	11.1	8.3	2.2	1.9	7.2	4.5	9.5	4.43
M 730	REMOVE OR INSTALL PNEUMATIC SYSTEM AIR BOTTLES	1.29	6.2	.0	8.3	2.2	3.7	1.0	11.2	6.3	4.98
M 728	REMOVE OR INSTALL PNEUMATIC SYSTEM ACCUMULATORS	1.20	4.0	.0	7.6	.0	3.7	4.1	4.2	7.9	4.98
M 731	REMOVE OR INSTALL PNEUMATIC SYSTEM CHEMICAL DRYERS	1.18	11.6	.0	52.1	44.4	.0	2.1	20.6	3.2	4.44
M 729	REMOVE OR INSTALL PNEUMATIC SYSTEM ACTUATORS	.93	3.6	.0	9.0	2.2	3.7	1.0	3.2	4.8	5.13
M 733	REMOVE OR INSTALL PNEUMATIC SYSTEM FILTERS	.87	4.8	.0	10.4	2.2	1.9	1.0	7.2	4.8	4.42
M 732	REMOVE OR INSTALL PNEUMATIC SYSTEM DEHYDRATORS	.85	4.9	.0	15.3	17.8	.0	1.0	7.7	4.8	4.46
M 734	REMOVE OR INSTALL PNEUMATIC SYSTEM VALVES	.63	3.4	.0	6.3	.0	.0	.0	4.7	6.3	4.87
M 725	REMOVE OR INSTALL HYDRAULIC SYSTEM GROUND TEST VALVE	.32	1.6	.0	1.4	.0	.0	.0	1.2	3.2	5.12
MECHANICAL COMPONENTS											
M 726	REMOVE OR INSTALL HYDRAULIC SYSTEM POWER PACKS	.28	1.4	5.6	.7	.0	.0	.0	.5	1.6	5.47

169 15C. INSTALL PNEUMATIC SYSTEM COMPONENTS

287- 3C 4C

M 735	REMOVE OR INSTALL SCHRAEDER VALVES	4.32	31.0	16.7	50.7	60.0	40.7	36.1	43.8	15.9	3.71
M 724	REMOVE OR INSTALL HYDRAULIC SYSTEM FILTERS	2.28	10.7	5.6	15.3	6.7	7.4	21.6	8.7	12.7	4.51
M 722	REMOVE OR INSTALL ACCUMULATOR PRESSURE GAUGES	1.97	9.1	.0	13.2	11.1	22.2	12.4	10.0	11.1	4.53
M 723	REMOVE OR INSTALL HYDRAULIC SYSTEM ACCUMULATORS	1.68	6.0	.0	7.6	2.2	5.6	5.2	6.2	17.5	5.07
M 727	REMOVE OR INSTALL HYDRAULIC SYSTEM SIGHT GAUGES	1.43	4.8	11.1	8.3	2.2	1.9	7.2	4.5	9.5	4.43
M 730	REMOVE OR INSTALL PNEUMATIC SYSTEM AIR BOTTLES	1.29	6.2	.0	8.3	2.2	3.7	1.0	11.2	6.3	4.98
M 728	REMOVE OR INSTALL PNEUMATIC SYSTEM ACCUMULATORS	1.20	4.0	.0	7.6	.0	3.7	4.1	4.2	7.9	4.98
M 731	REMOVE OR INSTALL PNEUMATIC SYSTEM CHEMICAL DRYERS	1.18	11.6	.0	52.1	44.4	.0	2.1	20.6	3.2	4.44
M 729	REMOVE OR INSTALL PNEUMATIC SYSTEM ACTUATORS	.93	3.6	.0	9.0	2.2	3.7	1.0	3.2	4.8	5.13
M 733	REMOVE OR INSTALL PNEUMATIC SYSTEM FILTERS	.87	4.8	.0	10.4	2.2	1.9	1.0	7.2	4.8	4.42
M 732	REMOVE OR INSTALL PNEUMATIC SYSTEM DEHYDRATORS	.85	4.9	.0	15.3	17.8	.0	1.0	7.7	4.8	4.46
M 734	REMOVE OR INSTALL PNEUMATIC SYSTEM VALVES	.63	3.4	.0	6.3	.0	.0	.0	4.7	6.3	4.87
M 725	REMOVE OR INSTALL HYDRAULIC SYSTEM GROUND TEST VALVE	.32	1.6	.0	1.4	.0	.0	.0	1.2	3.2	5.12
MECHANICAL COMPONENTS											
M 726	REMOVE OR INSTALL HYDRAULIC SYSTEM POWER PACKS	.28	1.4	5.6	.7	.0	.0	.0	.5	1.6	5.47

170 15F11. TROUBLESHOOT HYDRAULIC SYSTEM

3C

M 715	ISOLATE HYDRAULIC SYSTEM MALFUNCTIONS	2.07	7.2	11.1	6.3	.0	1.9	.0	10.2	9.5	6.68
M 267	INTERPRET SYSTEM SCHEMATICS	1.77	6.4	11.1	8.3	6.7	9.3	7.2	6.7	4.8	6.82
M 266	INTERPRET SYSTEM LAYOUT DRAWINGS OR BLUEPRINTS	.91	4.8	11.1	5.6	4.4	7.4	2.1	4.7	4.8	6.69
M 265	INTERPRET SYSTEM GRAPHS OR CHARTS	.85	4.9	5.6	9.0	2.2	5.6	5.2	3.7	11.1	5.78

STS 431X1 FIRST-TERM AIRCRAFT GROUP COMPARISON

FCP601 PAGE 08

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

[illegible]

177	16A. ENGINE SYSTEM COMPONENTS AND SYSTEM OPERATION	A	B	C

	16011. PERFORM ENGINE AND SUBSYSTEMS	28/-	3C	3C
1178	OPERATIONAL CHECK			

	R	908	OPERATIONALLY	CHECK	STARTERS	1.95	9.5	5.6	8.3	13.3	3.7	5.2	14.4	11.1	5.02
	R	904	OPERATIONALLY	CHECK	ENGINE IGNITION SYSTEMS	1.95	10.0	11.1	3.5	4.4	3.7	2.1	14.7	15.9	5.00
	K	904	OPERATIONALLY	CHECK	APU'S, EPU'S, OR GTC'S	1.18	10.0	5.6	2.1	6.7	11.1	2.1	11.2	34.9	4.92
	N	766	PERFORM	CONTINUITY	CHECKS OF ENGINE START SYSTEMS	.68	4.5	5.6	6.3	2.2	.0	1.0	7.2	7.9	4.85
	R	905	OPERATIONALLY	CHECK	ENGINE OIL COOLER DOORS OR FLAPS	.58	3.4	22.2	2.8	.0	.0	2.1	2.7	4.8	5.03
	R	911	OPERATIONALLY	CHECK	VARIWAMP AIR INDUCTION SYSTEMS	.52	3.8	.0	.7	.0	.0	7.2	10.0	3.2	5.58
	R	902	OPERATIONALLY	CHECK	AFTERBURNER EVELID SYSTEMS	.45	3.0	5.6	2.1	.0	3.7	3.1	4.5	3.2	5.42
	R	903	OPERATIONALLY	CHECK	BECROUTH AIR INDUCTION SYSTEMS	.25	4.0	.0	.7	.0	.0	.0	12.4	4.8	5.85
	K	571	OPERATIONALLY	CHECK	ATM'S	.22	2.3	5.6	1.4	.0	.0	.0	1.2	4.8	5.07
	R	907	OPERATIONALLY	CHECK	SPINE AIR INDUCTION SYSTEMS	.18	1.3	.0	6.3	2.2	.0	.0	.2	4.8	5.50
	912	OPERATIONALLY	CHECK	WATER INJECTION	SYSTEMS	.02	1.4	.0	.7	.0	.0	.0	.5	3.2	5.28

179 168121 - PERFORM OIL COOLER DOOMS
OPERATIONAL CHECK 287- 3C 3C

180 180137- PERFORM THROTTLES OPERATIONAL 287- 3C 3C
CHECK

[illegible]

	101	16C(1)	SERVICE OIL SYSTEM	3B/1B	9E	9C
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						
41						
42						
43						
44						
45						
46						
47						
48						
49						
50						
51						
52						
53						
54						
55						
56						
57						
58						
59						
60						
61						
62						
63						
64						
65						
66						
67						
68						
69						
70						
71						
72						
73						
74						
75						
76						
77						
78						
79						
80						
81						
82						
83						
84						
85						
86						
87						
88						
89						
90						
91						
92						
93						
94						
95						
96						
97						
98						
99						
100						

	7.03	73.7	85.3	80.6	84.8	87.0	75.3	82.8	76.2	3.34
I 430 SERVICE ENGINE OIL										
I 197 DRAIN ENGINE OIL	4.01	33.3	38.9	35.4	17.8	40.7	38.1	44.0	27.0	3.72
P 850 OPERATOR/MAINT CHECK-OIL SERVICING CARTR	3.28	22.1	5.6	24.3	24.3	15.3	23.7	34.3	19.0	3.82
M 604 SERVICE APU'S, EPU'S, OR GTC'S	1.24	7.9	5.6	1.4	.0	51.9	4.1	5.0	47.6	4.33
M 605 SERVICE ATM'S	.28	2.1	5.6	.7	.0	.0	1.5	3.2	4.14	

102	16C(2). SERVICE CONSTANT	SPEED ORIVE	3B/B	4C	4C
-----	--------------------------	-------------	------	----	----

I 436 SERVICE ALTERNATOR OR GENERATOR DRIVES				
1	2	3	4	5
2.15	14.6	5.6	39.6	28.9
				37.0
				11.3
				4.5
				17.5
				4.30

ST5 431X1 FIRST-TERM AIRCRAFT GROUP COMPARISON

FCP601 PAGE 100

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

Y1 Y2 Y3 Y4 Y5 Y6 Y7 Y8 Y9 Y10 Y11 Y12 Y13 Y14 Y15 Y16 Y17 Y18 Y19 Y20 Y21 Y22 Y23 Y24 Y25 Y26 Y27 Y28 Y29 Y30 Y31 Y32 Y33 Y34 Y35 Y36 Y37 Y38 Y39 Y40 Y41 Y42 Y43 Y44 Y45 Y46 Y47 Y48 Y49 Y50 Y51 Y52 Y53 Y54 Y55 Y56 Y57 Y58 Y59 Y60 Y61 Y62 Y63 Y64 Y65 Y66 Y67 Y68 Y69 Y70 Y71 Y72 Y73 Y74 Y75 Y76 Y77 Y78 Y79 Y80 Y81 Y82 Y83 Y84 Y85 Y86 Y87 Y88 Y89 Y90 Y91 Y92 Y93 Y94 Y95 Y96 Y97 Y98 Y99 Y100

D 154 TITLES

191 16017). REMOVE STARTER CARTRIDGES 28/- 4C 4C

R 926 REMOVE OR INSTALL STARTER CARTRIDGES

192 16E11). INSTALL GENERATORS 28/- 3C 3C

N 767 REMOVE OR INSTALL ALTERNATORS OR GENERATORS

193 16E12). INSTALL STARTERS 28/- 3C 3C

R 927 REMOVE OR INSTALL STARTERS

194 16E13). INSTALL TAILPIPER 28/- 3C 3C

R 928 REMOVE OR INSTALL TAIL PIPES

195 16E14). INSTALL SPIKE ASSEMBLIES 28/- 3C 3C

R 925 REMOVE OR INSTALL SPIKE AIR INDUCTION SYSTEM COMPONENTS

R 915 REMOVE OR INSTALL BELMOUTH AIR INDUCTION SYSTEM COMPONENTS

196 16E15). INSTALL IGNITER PLUGS 28/- 3C 3C

R 924 REMOVE OR INSTALL IGNITER PLUGS

197 16E16). INSTALL THROTTLE QUADRANTS 28/- 3C 3C

R 933 REMOVE OR INSTALL THROTTLE QUADRANTS

R 932 REMOVE OR INSTALL THROTTLE QUADRANT COMPONENTS

R 931 REMOVE OR INSTALL THROTTLE CABLES

R 929 REMOVE OR INSTALL THROTTLE CABLE PULLEYS

R 930 REMOVE OR INSTALL THROTTLE CABLE TENSION REGULATORS

198 16E17). INSTALL STARTER CARTRIDGES 28/- 4C 4C

R 926 REMOVE OR INSTALL STARTER CARTRIDGES

STC 431X1 FIRST-TERM AIRCRAFT GROUP COMPARISON

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

FCP601 PAGE 101

O TSK	TITLES	X1	YF	OV	F-	FB-	F-	F-	F-	HF/	A-	X1
		1FL	10	111	111	16	15	16	15	F-4	10	TD
		(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(F)

199 16F. PERFORM GROUND OPERATION OF ENGINE 1A/- 3C 4C

I 414 OPERATE AIRCRAFT RADIOS	2.99	20.0	16.7	20.1	22.2	9.3	5.2	22.4	41.3	4.39
U 980 OPERATE TURBOJET ENGINES	.67	5.2	.0	.7	4.4	.0	.0	7.5	4.8	6.20
U 979 OPERATE TURBOFAN ENGINES	.65	3.7	.0	7.6	11.1	3.7	5.2	1.2	17.5	6.37
U 982 PERFORM TURBOFAN ENGINE WET TRIM	.27	1.2	.0	2.1	.0	1.9	.0	.7	14.3	6.46
U 981 PERFORM TURBOFAN ENGINE DRY TRIM	.25	1.2	.0	1.4	.0	1.9	.0	.5	14.3	6.30
U 983 PERFORM TURBOJET ENGINE DRY TRIM	.17	1.2	.0	.7	.0	.0	.0	1.2	3.2	6.45
U 984 PERFORM TURBOJET ENGINE WET TRIM	.15	1.1	.0	.7	.0	.0	.0	1.5	3.2	6.58

200 165. TAKE ENGINE OIL SAMPLES (JOAP) 3B/1B 4C 4C

I 449 TAKE ENGINE OIL SAMPLES	6.59	71.0	83.3	81.3	73.3	92.6	77.3	82.3	81.0	3.16
E 156 ANNOTATE OIL ANALYSIS REQUEST FORMS (DD FORM 2026)	5.86	37.0	38.9	45.8	40.0	50.0	42.3	47.8	34.9	4.03

201 16M. PERFORM ENGINE REMOVAL PREPARATION PROCEDURES 2B/- 3C 4C

U 986 REMOVE OR INSTALL TURBOJET ENGINES	.51	6.0	.0	3.5	4.4	1.9	7.2	8.2	4.8	7.15
U 985 REMOVE OR INSTALL TURBOFAN ENGINES	.50	5.2	.0	11.1	4.4	3.7	18.6	2.0	33.3	6.79

202 16I. PERFORM ENGINE INSTALLATION PREPARATION PROCEDURES 2B/- 3C 4C

U 986 REMOVE OR INSTALL TURBOJET ENGINES	.51	6.0	.0	3.5	4.4	1.9	7.2	8.2	4.8	7.15
U 985 REMOVE OR INSTALL TURBOFAN ENGINES	.50	5.2	.0	11.1	4.4	3.7	18.6	2.0	33.3	6.79

203 16J. REMOVE ENGINE FROM AIRCRAFT 2B/- 3C 4C

U 986 REMOVE OR INSTALL TURBOJET ENGINES	.51	6.0	.0	3.5	4.4	1.9	7.2	8.2	4.8	7.15
U 985 REMOVE OR INSTALL TURBOFAN ENGINES	.50	5.2	.0	11.1	4.4	3.7	18.6	2.0	33.3	6.79

204 16H. INSTALL ENGINE IN AIRCRAFT 2B/- 3C 4C

U 986 REMOVE OR INSTALL TURBOJET ENGINES	.51	6.0	.0	3.5	4.4	1.9	7.2	8.2	4.8	7.15
U 985 REMOVE OR INSTALL TURBOFAN ENGINES	.50	5.2	.0	11.1	4.4	3.7	18.6	2.0	33.3	6.79

AD-A111 325

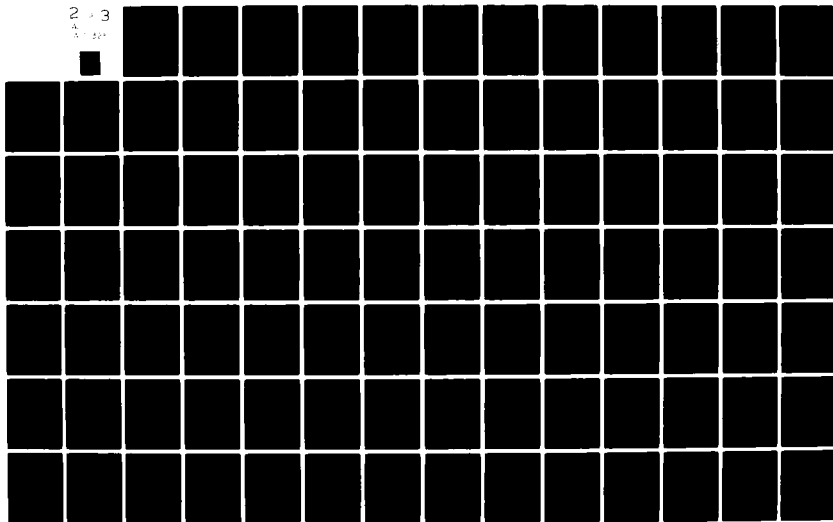
AIR FORCE OCCUPATIONAL MEASUREMENT CENTER RANDOLPH AFB TX F/G 5/9
TRAINING EXTRACT, AFSC 431X1. TACTICAL AIRCRAFT MAINTENANCE. (U)
JAN 82

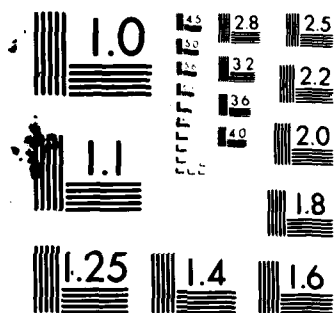
UNCLASSIFIED

NL

2 x 3

A
A 100





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

STS 431K1 FIRST-TERM AIRCRAFT GROUP COMPARISON

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

FCP601 PAGE 102

D TSK	TITLES	X1 YE	X1 IFL	OV- 10	F- 111	FB- 111	F- 16	F- 15	RF/ A-	A- 1C	X1 1D
		D	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(F)

205 10L. INSPECT INSTALLED ENGINE 28/18 3C 4C

R 868	INSPECT AIR INLET OR EXHAUST AREAS	4.96	39.8	16.7	52.8	44.4	50.0	48.5	54.0	33.3	4.47
R 869	INSPECT VISIBLE ENGINE MOUNTS OR ATTACH POINTS	3.48	25.4	38.9	29.9	17.8	25.9	28.9	40.5	19.0	4.62
R 870	INSPECT ENGINE OIL LINES OR FITTINGS	3.27	19.2	38.0	21.5	4.4	25.9	20.6	23.1	18.0	4.11
R 872	INSPECT ENGINE ACCESSORIES, SUCH AS FUEL PUMPS, HYDRAULIC PUMPS, OR CONSTANT SPEED DRIVES	3.08	17.6	22.2	31.3	28.9	22.2	14.4	20.1	15.9	4.83
R 880	INSPECT ENGINE INDICATORS OR INSTRUMENTS	2.79	13.3	11.1	14.6	11.1	13.0	19.6	14.9	17.5	4.19
R 887	INSPECT AFTERBURNER (TBI) CYCLE SYSTEMS	2.49	18.2	.0	25.0	15.6	16.7	24.7	31.6	6.3	4.58
R 891	INSPECT THROTTLE SYSTEM COMPONENTS	2.49	10.2	5.6	18.1	6.7	1.9	9.3	12.4	7.9	4.76
R 879	INSPECT ENGINE FUEL FILTERS	2.35	13.4	27.8	20.1	11.1	18.3	23.7	7.7	33.3	4.21
R 882	INSPECT ENGINE OIL FILTERS	2.22	12.7	27.8	14.6	4.4	29.6	38.1	7.5	22.2	4.12
R 885	INSPECT ENGINE QUICK-DISCONNECT LINES	2.20	16.0	11.1	14.6	6.7	14.8	13.4	19.9	17.5	4.03
R 873	INSPECT ENGINE AIR LINES OR FITTINGS	2.15	10.9	22.2	16.7	13.3	1.9	8.2	14.7	6.3	4.47
R 890	INSPECT STARTERS	2.15	10.9	22.2	16.7	13.3	1.9	8.2	14.7	6.3	4.47
R 877	INSPECT ENGINE FIREWALLS	1.94	16.1	11.1	29.2	22.2	7.4	10.3	15.9	11.1	4.25
R 881	INSPECT ENGINE OIL COOLERS	1.77	7.8	27.8	9.0	4.4	1.9	4.1	6.2	11.1	4.30
R 878	INSPECT ENGINE FUEL CONTROLS	1.75	6.9	27.8	10.4	2.2	5.6	5.2	6.2	14.3	4.86
R 871	INSPECT CARTRIDGE TYPE STARTER BREECH CAPS	1.63	20.8	.0	47.9	53.3	.0	2.1	50.0	3.2	3.58
R 870	INSPECT BLOW-IN, SUCKER, OR FLIPPER DOORS	1.39	18.0	.0	58.3	57.8	11.1	6.2	18.2	4.8	3.98
R 894	INSPECT VENTRAMP AIR INDUCTION SYSTEMS	1.08	10.1	.0	2.8	.0	1.9	22.7	27.4	6.3	5.05
R 874	INSPECT ENGINE BLEED VALVE ASSEMBLIES	1.03	4.5	16.7	9.7	2.2	.0	1.0	3.5	6.3	4.49
R 876	INSPECT ENGINE FIREWALL SHUT-OFF VALVES	.94	5.7	.0	37.5	28.9	.0	1.0	1.0	17.2	4.13
R 869	INSPECT BELMOUTH AIR INDUCTION SYSTEMS	.88	3.7	.0	4.2	.0	7.4	4.1	29.4	4.8	4.57
R 889	INSPECT SPIRE AIR INDUCTION SYSTEMS	.88	3.7	.0	4.2	.0	7.4	4.1	29.4	4.8	4.57
R 884	INSPECT ENGINE PRESSURIZATION OR DUMP VALVE SCREENS	.36	1.9	5.6	5.6	.0	.0	.0	1.5	4.8	4.68
R 886	INSPECT ENGINE VORTER SYSTEMS	.19	2.7	.0	18.1	8.9	1.9	1.0	1.5	3.2	3.82
R 897	ISOLATE SPIRE AIR INDUCTION SYSTEM MALFUNCTIONS	.17	.6	.0	2.1	2.2	.0	.0	.5	3.2	6.47
R 896	ISOLATE BELMOUTH AIR INDUCTION SYSTEM MALFUNCTIONS	.15	2.4	.0	1.4	.0	.0	.0	7.0	3.2	6.47
R 887	INSPECT PNEUMATIC WATER INJECTION PUMPS OR BRACKETS	.02	1.1	.0	3.5	.0	.0	.0	.7	3.2	4.27

206 10M. INSPECT INSTALLED AUXILIARY POWER 28/18 3C 4C

R 549	INSPECT AUXILIARY POWER UNITS (APU), EMERGENCY POWER UNITS (EPU), OR GAS TURBINE COMPRESSORS (GTC)	1.31	12.2	5.6	13.2	6.7	40.7	6.2	11.4	31.7	4.87
-------	--	------	------	-----	------	-----	------	-----	------	------	------

207 10N. CLEAN ENGINE OIL SCREENS 28/18 3C 4C

208 17. PROPELLERS 28/18 3C 4C

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

FCP601 PAGE 103

SYNOPSIS

YPM	STPS	YIPLES
VI	-----	VI
VE	-----	VE
OD*	-----	OD*
OV-	10	OV-
	(M)	
F-	111	F-
	(M)	
FB-	16	FB-
	(M)	
F-	15	F-
	(M)	
F-	10	F-
	(M)	
AF/	AF/	AF/
A-	A-	A-
VI	VI	VI
TC	TC	TC
(F)	(F)	(F)

2209 17A. PROPELLER SYSTEM COMPONENTS AND A B C

210	170. INSPECT PROPELLER SYSTEM	28/-	3C	4C

R	888	TWISPECT PROPELLERS	.58	2.3	38.9	2.8	.0	.0	.5	6.3	4.32
S	949	INSPECT PROPELLER GOVERNOR REGULATORS	.2	.9	.0	2.1	.0	.0	.2	1.6	4.75

.....

211 17C. SERVICE PROPELLER SYSTEM 287- 3C 4C

[illegible]

1. The first part of the document is a list of names and titles, including "The Hon. Mr. Justice" and "The Hon. Mr. Justice".

212 18. AIRCRAFT FUEL SYSTEMS

213 105. FUEL SYSTEM COMPONENTS AND SYSTEM A U C

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100
101
102
103
104
105
106
107
108
109
110
111
112
113
114
115
116
117
118
119
120
121
122
123
124
125
126
127
128
129
130
131
132
133
134
135
136
137
138
139
140
141
142
143
144
145
146
147
148
149
150
151
152
153
154
155
156
157
158
159
160
161
162
163
164
165
166
167
168
169
170
171
172
173
174
175
176
177
178
179
180
181
182
183
184
185
186
187
188
189
190
191
192
193
194
195
196
197
198
199
200
201
202
203
204
205
206
207
208
209
210
211
212
213
214
215
216
217
218
219
220
221
222
223
224
225
226
227
228
229
230
231
232
233
234
235
236
237
238
239
240
241
242
243
244
245
246
247
248
249
250
251
252
253
254
255
256
257
258
259
260
261
262
263
264
265
266
267
268
269
270
271
272
273
274
275
276
277
278
279
280
281
282
283
284
285
286
287
288
289
290
291
292
293
294
295
296
297
298
299
300
301
302
303
304
305
306
307
308
309
310
311
312
313
314
315
316
317
318
319
320
321
322
323
324
325
326
327
328
329
330
331
332
333
334
335
336
337
338
339
340
341
342
343
344
345
346
347
348
349
350
351
352
353
354
355
356
357
358
359
360
361
362
363
364
365
366
367
368
369
370
371
372
373
374
375
376
377
378
379
380
381
382
383
384
385
386
387
388
389
390
391
392
393
394
395
396
397
398
399
400
401
402
403
404
405
406
407
408
409
410
411
412
413
414
415
416
417
418
419
420
421
422
423
424
425
426
427
428
429
430
431
432
433
434
435
436
437
438
439
440
441
442
443
444
445
446
447
448
449
450
451
452
453
454
455
456
457
458
459
460
461
462
463
464
465
466
467
468
469
470
471
472
473
474
475
476
477
478
479
480
481
482
483
484
485
486
487
488
489
490
491
492
493
494
495
496
497
498
499
500
501
502
503
504
505
506
507
508
509
510
511
512
513
514
515
516
517
518
519
520
521
522
523
524
525
526
527
528
529
530
531
532
533
534
535
536
537
538
539
540
541
542
543
544
545
546
547
548
549
550
551
552
553
554
555
556
557
558
559
560
561
562
563
564
565
566
567
568
569
570
571
572
573
574
575
576
577
578
579
580
581
582
583
584
585
586
587
588
589
590
591
592
593
594
595
596
597
598
599
600
601
602
603
604
605
606
607
608
609
610
611
612
613
614
615
616
617
618
619
620
621
622
623
624
625
626
627
628
629
630
631
632
633
634
635
636
637
638
639
640
641
642
643
644
645
646
647
648
649
650
651
652
653
654
655
656
657
658
659
660
661
662
663
664
665
666
667
668
669
670
671
672
673
674
675
676
677
678
679
680
681
682
683
684
685
686
687
688
689
690
691
692
693
694
695
696
697
698
699
700
701
702
703
704
705
706
707
708
709
710
711
712
713
714
715
716
717
718
719
720
721
722
723
724
725
726
727
728
729
730
731
732
733
734
735
736
737
738
739
740
741
742
743
744
745
746
747
748
749
750
751
752
753
754
755
756
757
758
759
760
761
762
763
764
765
766
767
768
769
770
771
772
773
774
775
776
777
778
779
780
781
782
783
784
785
786
787
788
789
790
791
792
793
794
795
796
797
798
799
800
801
802
803
804
805
806
807
808
809
810
811
812
813
814
815
816
817
818
819
820
821
822
823
824
825
826
827
828
829
830
831
832
833
834
835
836
837
838
839
840
84

15343 1060110236
 15344 10604474 - 111308

0	790	OPERATIONALLY	CHECK	FUEL	BOOST PUMPS	3.23	26.4	11.1	18.1	17.6	21.1	25.8	33.1	20.6	4.57
0	809	TRANSFER	FUEL	WITHIN	AIRCRAFT	2.99	27.0	16.7	47.2	62.2	35.2	19.6	42.8	20.6	4.85
0	791	OPERATIONALLY	CHECK	FUEL	CONTROL PANELS	2.39	19.6	11.1	23.6	33.3	13.0	16.5	21.6	30.2	4.56
0	790	OPERATIONALLY	CHECK	FUEL	TANK FEED SYSTEMS	1.84	13.9	16.7	20.8	33.3	9.3	11.3	21.1	17.5	4.91
0	796	OPERATIONALLY	CHECK	FUEL	TRANSFER PUMPS	1.82	19.7	5.6	23.6	26.7	9.3	21.6	32.6	20.6	4.72
0	797	OPERATIONALLY	CHECK	FUEL	VALVES	1.38	12.3	.0	23.6	22.2	.0	8.2	12.9	22.2	4.93
0	795	OPERATIONALLY	CHECK	FUEL	TANK PRESSURE SYSTEMS	1.34	10.0	.0	16.7	24.6	1.9	4.1	13.7	11.1	4.95
0	792	OPERATIONALLY	CHECK	FUEL	CROSSPEED SYSTEMS	1.10	9.6	.0	10.4	13.3	9.3	4.1	4.5	20.6	4.83
0	798	OPERATIONALLY	CHECK	FUEL	IN-FLEET FUEL DUMP SYSTEMS	.42	2.7	.0	2.8	.0	1.9	3.1	3.2	4.8	5.02
0	793	OPERATIONALLY	CHECK	FUEL	MANIFOLD DRAIN PUMPS	.32	4.5	.0	4.2	6.7	1.9	3.1	2.7	7.9	4.86

215 - 100127 - PLASMA-EXTERNAL FUEL SYSTEM - JC - 9C

OPERATIONAL CHECK

D TSM	TITLES										
		X1	Y1	OV	F-	FB-	F-	F-	9F-	A-	X1
		TE	PL	LD	LD	LD	LD	LD	LD	LD	LD
		D	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(F)
0 789	OPERATIONALLY CHECK EXTERNAL FUEL TANKS	3.15	23.5	22.2	27.1	46.7	29.6	19.6	44.5	27.0	5.07
0 809	TRANSFER FUEL WITHIN AIRCRAFT	2.99	27.0	16.7	47.2	62.2	35.2	19.6	42.8	20.6	4.83
216	18C. REFUEL AIRCRAFT (NORMAL)										
217	18C(1). REFUEL TEAM SUPERVISOR										
I 393	DIRECT FUELING OR DEFUELING OPERATIONS	6.19	60.9	61.1	73.6	55.6	87.0	74.2	78.9	57.1	4.86
218	18C(2). REFUEL TEAM MEMBER										
I 402	FUEL AIRCRAFT USING SINGLEPOINT REFUELING METHODS	5.32	68.9	11.1	81.9	80.0	94.4	79.4	88.8	81.0	3.88
I 401	FUEL AIRCRAFT USING OVERWING REFUELING METHODS	4.97	43.4	83.3	9.0	20.0	46.3	46.4	64.7	22.2	3.92
219	18D. REFUEL AIRCRAFT (WITH ENGINE OPERATING)										
220	18D(1). REFUEL TEAM SUPERVISOR										
221	18D(2). REFUEL TEAM MEMBER										
I 400	FUEL AIRCRAFT USING NOT PIT REFUELING METHODS	2.91	18.2	5.6	15.3	15.6	11.1	40.2	36.9	30.2	5.16
222	18E. DEFUEL AIRCRAFT										
223	18E(1). DEFUEL TEAM SUPERVISOR										
I 393	DIRECT FUELING OR DEFUELING OPERATIONS	6.19	60.9	61.1	73.6	55.6	87.0	74.2	78.9	57.1	4.86

STS 43113 FIRST-TERM AIRCRAFT GROUP COMPARISON

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

FCP601 PAGE 105

O TSK	TITLES	X1	Y1	OV-	F-	FR-	F-	F-	RF-	A-	X1
		YE	IFL	10	111	111	16	15	F-4	10	TD
		0	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(F)

224 10E12). DEFUEL TEAM MEMBER 28/10 3C 4C

1 391 DEFUEL AIRCRAFT USING SINGLEPOINT METHODS
1 398 DRAIN WATER FROM FUEL TANK SUMPS
1 390 DEFUEL AIRCRAFT USING OVERWING METHODS

5.35	65.2	11.1	82.6	77.8	74.4	76.3	83.3	68.7	4.47
4.98	29.6	50.0	52.8	40.0	37.0	2.1	19.2	19.0	2.98
4.36	38.1	77.8	8.3	25.0	51.9	47.4	66.2	15.9	4.48

225 10F. PREPARE AIRCRAFT FOR FUEL CELL MAINTENANCE 18/- 20 3C

0 799 PREPARE AIRCRAFT OF FUEL CELL MAINTENANCE
0 776 DRY-DRAIN FUEL TANKS

4.52	32.8	27.8	37.5	42.2	55.6	34.0	42.3	34.9	4.96
2.23	20.6	27.8	23.6	33.3	31.5	16.5	29.4	12.7	3.52

226 10G11). REMOVE EXTERNAL FUEL TANKS 28/- 3C 4C

0 801 REMOVE OR INSTALL EXTERNAL FUEL TANKS
0 805 REMOVE OR INSTALL FUEL TANK PYLONS

4.30	39.9	50.0	26.5	15.6	77.8	61.9	75.6	61.9	5.06
1.34	9.3	.0	6.3	11.1	27.8	16.5	16.2	9.5	4.99

227 10G12). REMOVE AIRCRAFT FUEL CELLS/TANKS 28/- 3C

228 10H11). INSTALL EXTERNAL FUEL TANKS 28/- 3C 4C

0 801 REMOVE OR INSTALL EXTERNAL FUEL TANKS
0 805 REMOVE OR INSTALL FUEL TANK PYLONS

4.30	39.9	50.0	26.5	15.6	77.8	61.9	75.6	61.9	5.06
1.34	9.3	.0	6.3	11.1	27.8	16.5	16.2	9.5	4.99

229 10H12). INSTALL AIRCRAFT FUEL CELLS/TANKS 28/- 3C

230 10I. CHANGE FUEL FILTERS 28/- 4C 3C

231 10J. CLEAN FUEL FILTERS 28/- 4C 3C

	X1	X1	F-	PB-	F-	A-	X1
	TE	IPL	IO	III	16	10	IO
	adu	(M)	(M)	(M)	(M)	(M)	(F)

TITLES

D TSM

D TSK	TITLES	X1 TE +0*	Y1 IFL (M)	OV- 1D (M)	F- 111 (M)	F8- 111 (M)	F- 16 (M)	F- 15 (M)	RF/ F-4 (M)	A- 10 (M)	X1 TD (F)
-------	--------	-----------------	------------------	------------------	------------------	-------------------	-----------------	-----------------	-------------------	-----------------	-----------------

239 19A. ELECTRICAL SYSTEM COMPONENTS AND SYSTEM OPERATION A B C

240 19B11). PERFORM ELECTRICAL SUPPLY SYSTEM OPERATIONAL CHECK 28/10 2C 3C

N 756	OPERATIONALLY CHECK BATTERIES	4.63	46.5	33.3	67.4	55.6	63.0	2.1	57.7	49.2	3.72
N 761	OPERATIONALLY CHECK INVERTERS	2.03	8.6	48.4	1.4	4.4	1.4	1.0	2.7	38.1	3.76
N 767	OPERATIONALLY CHECK ALTERNATORS OR GENERATORS	1.84	9.2	16.7	6.9	4.4	1.9	2.1	9.7	9.5	5.33
N 763	OPERATIONALLY CHECK TRANSFORMER RECTIFIERS	.92	3.9	.0	.7	.0	.0	.0	2.2	6.3	4.38
N 579	OPERATIONALLY CHECK RAT'S	.02	9.7	5.6	2.1	.0	.0	.0	26.6	3.2	9.42
N 762	OPERATIONALLY CHECK PROXIMITY OR MICRO SWITCHES	.80	4.1	.0	2.8	.0	5.6	3.1	3.2	11.1	4.57

241 19B12). PERFORM LIGHTING SYSTEM OPERATIONAL CHECK 28/10 4C 4C

N 759	OPERATIONALLY CHECK EXTERNAL LIGHTS	5.87	59.5	50.0	67.4	75.6	74.1	67.0	71.9	60.3	3.31
N 760	OPERATIONALLY CHECK INTERNAL LIGHTS	3.03	50.3	49.4	69.4	71.1	68.3	63.9	70.8	55.1	3.32
N 755	ISOLATE EXTERNAL LIGHTING SYSTEM MALFUNCTIONS	2.32	17.1	11.1	14.6	15.6	24.1	23.7	25.6	11.1	6.02
N 756	ISOLATE INTERNAL LIGHTING SYSTEM MALFUNCTIONS	2.11	13.9	11.1	13.2	11.1	22.2	12.4	20.8	9.3	8.01

242 19B13). PERFORM INDICATOR WARNING SYSTEM OPERATIONAL CHECK 28/10 3C 4C

243 19C11). REMOVE LIGHT LENSES 28/10 3C 4C

N 771	REMOVE OR INSTALL LIGHT LENSES	5.84	56.4	55.6	68.8	71.1	74.1	66.0	67.4	55.6	2.31
-------	--------------------------------	------	------	------	------	------	------	------	------	------	------

244 19C12). REMOVE LIGHT BULBS 28/10 3C 4C

N 770	REMOVE OR INSTALL LIGHT BULBS	5.87	67.3	61.1	80.6	80.0	87.0	71.1	80.3	73.0	2.23
-------	-------------------------------	------	------	------	------	------	------	------	------	------	------

245 19C13). REMOVE BATTERIES 28/10 4C 4C

N 768	REMOVE OR INSTALL BATTERIES	5.86	60.8	55.6	79.9	71.1	83.3	1.0	78.9	77.8	4.38
-------	-----------------------------	------	------	------	------	------	------	-----	------	------	------

O T5A	TITLES	Y1 TE =00	Y1 JPL (P)	OV- IO (M)	F- 111 (M)	FB- 111 (M)	F- 16 (M)	F- 15 (M)	RF/ F-4 (M)	A- 10 (M)	X1 TO (F)
246	19C14). REMOVE HARNESES				28/-	3C	3C				
247	19D11). INSTALL LIGHT LENSES				28/1B	3C	4C				
N 771	REMOVE OR INSTALL LIGHT LENSES	5.04	56.4	55.6	68.8	71.1	74.1	66.0	67.4	55.6	2.31
248	19D12). INSTALL LIGHT BULBS				28/1B	3C	4C				
N 770	REMOVE OR INSTALL LIGHT BULBS	5.87	67.3	61.1	80.6	80.0	87.0	71.1	80.3	73.0	2.23
249	19D13). INSTALL BATTERIES				28/1B	4C	4C				
N 768	REMOVE OR INSTALL BATTERIES	5.46	60.8	55.6	79.9	71.1	83.3	1.0	78.9	77.8	4.38
250	19D14). INSTALL HARNESES				28/-	3C	3C				
251	19E. USE WIRING DIAGRAMS				10/A	20	28				
N 267	INTERPRET SYSTEM SCHEMATICS	1.77	6.4	11.1	8.3	6.7	9.3	7.2	8.7	4.8	6.82
N 266	INTERPRET SYSTEM LAYOUT DRAWINGS OR BLUEPRINTS	.91	4.0	11.1	5.6	4.4	7.4	2.1	4.7	4.8	6.69
N 265	INTERPRET SYSTEM GRAPHS OR CHARTS	.85	4.9	5.6	9.0	2.2	5.6	5.2	3.7	11.1	5.78
252	19F. INSPECT 11)COMPONENTS, 12)CONTROLS, 28/1B 3C 4C AND 13)HARNESES AND CONNECTORS										
N 747	INSPECT EXTERNAL LIGHTS	5.78	60.9	44.4	73.6	80.0	79.6	70.1	71.6	76.2	3.45
N 750	INSPECT INTERNAL LIGHTS	5.59	54.9	44.4	68.8	73.3	53.7	63.9	66.2	66.7	3.44
N 748	INSPECT EXTERNAL POWER RECEPTACLES	5.05	44.1	44.4	43.1	57.8	72.2	51.5	55.7	41.3	3.44
N 749	INSPECT FUSE OR CIRCUIT BREAKER PANELS	4.95	47.4	38.9	32.1	44.4	57.4	52.6	56.7	52.4	3.58
N 746	INSPECT BATTERY VENT SYSTEMS	3.64	30.1	33.3	45.1	51.1	27.0	3.1	43.3	42.9	3.88
N 743	INSPECT FIDUCIARY WIRING OR CONNECTORS	3.82	31.1	27.8	35.4	31.1	40.7	32.0	41.8	33.3	4.44
N 753	INSPECT MICHEL-CADMIUM BATTERIES	3.03	22.8	16.7	23.6	11.1	44.4	1.0	30.3	23.8	4.44
N 744	INSPECT ALTERNATORS OR GENERATORS	1.95	10.0	11.1	13.9	8.7	5.6	8.2	4.7	9.5	4.70
N 751	INSPECT INVERTERS	1.42	6.1	5.6	4.9	2.2	7.4	3.1	2.5	9.5	4.23
N 550	INSPECT RAM AIR TURBINES (RAT)	1.04	13.5	9.8	7.8	.0	7.4	2.1	30.8	4.8	4.44
N 754	INSPECT TRANSFORMER RECTIFIERS	.89	5.1	.0	3.5	2.2	1.9	4.1	1.7	4.8	4.44

STS 431X1 FIRST-TERM AIRCRAFT GROUP COMPARISON

FCP601 PAGE 109

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

D TSM	TITLES	Y1	X1	OV-	F-	FB-	F-	F-	F-	RF/	A-	X1
		TE	IFL	ID	111	111	16	15	16	F-6	10	TO
		000	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(F)
N 752	INSPECT LEAD-ACID BATTERIES	.75	5.9	5.6	4.9	2.2	3.7	1.0	5.5	6.3	3.97	
N 505	INSPECT AIR TURBINE MOTORS (ATM)	.36	5.5	11.1	4.9	2.2	3.7	5.2	6.7	4.8	6.83	
N 507	REMOVE OP INSTALL ATM'S	.18	1.3	5.6	.7	.0	.0	.0	.7	4.6	6.00	

253 196. CONNECT EXTERNAL ELECTRICAL POWER 28/18 4C 4C

254 19M. DISCONNECT EXTERNAL ELECTRICAL POWER 28/18 4C 4C

255 191. SERVICE ELECTRICAL COMPONENTS SUCH AS BATTERIES AND SUMP JARS 28/78 4C 4C

N 742	CLEAN BATTERY TERMINALS OR CONNECTORS	2.45	18.2	27.8	22.2	17.8	24.1	2.1	21.4	19.0	3.19	
N 774	SERVICE BATTERY SUMP JARS	.86	3.7	.0	2.1	2.2	.0	.0	1.5	9.5	2.94	
N 773	SERVICE BATTERIES	.57	4.0	5.6	4.9	.0	.0	1.0	2.7	18.3	3.31	
N 764	PERFORM BATTERY SPECIFIC GRAVITY CHECKS	.41	1.7	5.6	.7	.0	.0	.0	1.2	4.8	4.11	

256 20. CROSS SYSTEM

257 20A. EGRESS SYSTEM COMPONENTS AND SYSTEM OPERATION A B C

N 270	ISOLATE CANOPY SYSTEM MALFUNCTIONS	2.40	10.8	14.7	7.6	6.7	9.3	9.3	13.9	19.0	7.06	
-------	------------------------------------	------	------	------	-----	-----	-----	-----	------	------	------	--

258 20B11. PERFORM CANOPY SYSTEM OPERATIONAL CHECK 28/18 3C 4C

N 287 OPERATIONALLY CHECK CANOPIES

5.29	57.1	44.4	49.3	57.8	70.4	74.2	77.6	69.8	4.49	
------	------	------	------	------	------	------	------	------	------	--

259 20B12. PERFORM SEAT ADJUSTMENT SYSTEM OPERATIONAL CHECK 28/18 3C 4C

N 256 INSPECT SEAT LOCKING MECHANISMS

2.23	23.5	33.3	40.3	44.0	29.6	25.0	24.4	9.5	4.28	
------	------	------	------	------	------	------	------	-----	------	--

STY 431X1 FIRST-TERM AIRCRAFT GROUP COMPARISON

FCP601 PAGE 110

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

D TSK	TITLES	X1	Y1	OV-	F-	F9-	F-	F-	F-	RF/	A-	X1
		YE	IFL	10	11	11	16	15	15	F-4	10	10
		D	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(F)

260 20C. INSTALL SAFETY PINS 28/18 NC NC

M 350 REMOVE OR INSTALL SAFETY DEVICES, SUCH AS SEAT PINS OR BEAR LOCKS 6.17 61.1 66.7 75.7 53.3 77.8 78.4 79.6 54.0 3.13

261 20D. REMOVE SAFETY PINS 28/18 NC NC

M 350 REMOVE OR INSTALL SAFETY DEVICES, SUCH AS SEAT PINS OR BEAR LOCKS 6.17 61.1 66.7 75.7 53.3 77.8 78.4 79.6 54.0 3.13

262 20E. INSPECT EGRESS SYSTEM 28/18 3C NC

M 257 INSPECT SEATS, SEATBELTS, INVENTAL REELS, OR SHOULDER HARNESSSES 6.134 65.1 66.7 76.2 84.4 92.6 83.5 70.1 73.0 4.62
M 263 INSPECT CANOPY SYSTEMS 5.53 51.0 55.6 52.8 48.9 53.7 70.1 65.7 60.3 5.70
M 267 INSPECT EJECTION SYSTEMS 9.77 34.9 55.6 29.2 17.8 51.9 57.7 49.5 36.5 6.91

263 20F. ADJUST CANOPY LINNAGE AND LATCHING 28/18 3C NC

M 209 ADJUST CANOPY LINNAGE OR LATCHING MECHANISMS 3.74 16.8 77.8 19.4 17.8 3.7 10.3 17.7 27.0 5.95

264 21. DRAG CHUTE SYSTEM

265 21A. DRAG CHUTE COMPONENTS AND SYSTEM 28/18 3C NC

M 329 REMOVE OR INSTALL DRAGCHUTE DOOR LINNAGE OR LATCHING MECHANISM COMPONENTS 1.44 18.2 5.6 2.1 .0 5.6 1.0 53.2 3.2 5.85

266 21B. PERFORM OPERATIONAL CHECK OF DRAG CHUTE SYSTEM 28/18 3C NC

M 290 OPERATIONALLY CHECK DRAGCHUTE RELEASE SYSTEMS 1.08 28.0 5.6 1.4 .0 7.4 .0 74.1 4.8 4.81

SYS 43141 FIRST-TERM AIRCRAFT GROUP COMPARISON

	X1	X1	OV-	F-	FB-	F-	F-	RF/	A-	X1
	TE	IFL	10	111	111	16	15	F-4	10	TO
	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(F)
000										

D TSM TITLES

267 21. ADJUST DRAG CHUTE SYSTEM - 3C 4C

M 234 ADJUST DRAGCHUTE DOOR LINKAGE OR LATCHING MECHANISMS

268 210. REMOVE CHUTE ASSEMBLY 28/18 3C 4C

I 433 REMOVE OR INSTALL DRAGCHUTES

269 21E. INSTALL CHUTE ASSEMBLY 28/18 3C 4C

I 433 REMOVE OR INSTALL DRAGCHUTES

270 21F. TROUBLESHOOT DRAG CHUTE SYSTEM - 28 3C

M 267 INTERPRET SYSTEM SCHEMATICS

M 273 ISOLATE DRAGCHUTE SYSTEM MALFUNCTIONS

M 268 INTERPRET SYSTEM LAYOUT DRAWINGS OR BLUEPRINTS

M 265 INTERPRET SYSTEM GRAPHS OR CHARTS

271 21G. INSPECT DRAG CHUTE SYSTEM 28/18 3C 4C

M 246 INSPECT DRAGCHUTE SYSTEMS

272 22. AEROSPACE GROUND EQUIPMENT

273 22A. MAINTENANCE STANDS: (1)INSPECT OR 28/18 4C 4C

I 422 OPERATE MAINTENANCE STANDS

P 834 PERFORM NONPOWERED AGE PRIOR-TO-USE INSPECTIONS

274 22B. AIRCRAFT JACKS: (1)INSPECT OR 28/18 3C 4C

I 405 JACK AIRCRAFT USING AXLE JACKS

6.21	75.2	88.9	88.2	80.0	87.0	88.7	85.3	84.1	2.55
3.57	12.1	22.2	10.6	8.9	11.1	12.4	16.2	7.9	2.98
6.88	69.0	66.7	86.1	55.6	96.3	89.7	88.6	79.4	3.43

STS 431X1 FIRST-TERM AIRCRAFT GROUP COMPARISON

FCPO01 PAGE 112

OCCUPATIONAL ANALYSIS PROGRAM
USAFORC (ATC) RANDOLPH AFB TX

O TSM TITLES

I 406 JACK AIRCRAFT USING IRIPOD JACKS
P 834 PERFORM NONPOWERED AGE PRIOR-TO-USE INSPECTIONS

275 22C. OXYGEN SERVICING EQUIPMENT: 28/18 AC AC
(1)INSPECT OR 12)USE

P 834 PERFORM NONPOWERED AGE PRIOR-TO-USE INSPECTIONS
P 78 OPERATIONALLY CHECK LOX SERVICING CARTS
P 826 OPERATIONALLY CHECK GASEOUS OXYGEN SERVICING CARTS

276 22D. AIR COMPRESSORS: 11)INSPECT OR 28/18 3C AC
(2)USE

I 412 OPERATE AIR COMPRESSORS

277 22E. GROUND HEATERS AND BLOWERS: 28/18 3C AC
(1)INSPECT OR 12)USE

I 418 OPERATE GROUND HEATERS
I 435 REMOVE SNOW OR ICE FROM AIRCRAFT USING AGE

278 22F. PORTABLE GENERATORS: 11)INSPECT OR 28/18 3C AC
(2)USE

I 424 OPERATE PORTABLE GENERATORS

279 22G. PORTABLE LIGHTING EQUIPMENT: 28/18 3C 3C
(1)INSPECT OR 12)USE

I 425 OPERATE PORTABLE LIGHTING EQUIPMENT

280 22H. PORTABLE HYDRAULIC TEST STAND: - 28 3C
(1)INSPECT OR 12)USE

I 421 OPERATE HYDRAULIC TEST STANDS

X1	Y1	OV-	F-	FB-	F-	F-	RF/	A-	X1
TE	1EL	10	111	111	16	15	F-4	10	TD
2D*	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(F)

6.73	73.9	83.3	91.7	73.3	96.3	91.8	90.8	87.3	4.28
3.57	12.1	22.2	14.6	8.9	11.1	12.4	16.2	7.9	2.98

3.57	12.1	22.2	14.6	8.9	11.1	12.4	16.2	7.9	2.98
3.37	23.3	.0	25.7	24.4	18.3	19.6	29.9	30.2	3.93
2.04	11.9	22.2	25.7	22.2	3.7	1.0	6.0	6.3	3.69

5.96	55.4	72.2	73.6	75.6	61.1	43.3	69.4	47.6	3.62
------	------	------	------	------	------	------	------	------	------

5.34	53.2	66.7	78.5	80.0	66.7	44.3	63.9	36.5	3.89
3.67	22.8	50.0	36.1	42.2	40.7	7.2	18.9	27.0	3.97

5.63	55.3	55.6	59.7	42.2	66.7	70.1	64.9	44.4	3.73
------	------	------	------	------	------	------	------	------	------

6.25	74.2	66.7	86.8	86.7	87.0	79.4	88.8	77.8	2.91
------	------	------	------	------	------	------	------	------	------

5.15	44.9	33.3	50.7	60.0	63.0	60.8	59.5	47.6	5.23
------	------	------	------	------	------	------	------	------	------

ST5 431X1 FIRST-TERM AIRCRAFT GROUP COMPARISON

FCP601 PAGE 113

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

O TSK	TITLES	X1	Y1	X1	OV-	F-	FB-	F-	F-	PF/	A-	X1
		IFL	IN	III	III	III	III	III	III	F-4	10	TO
		(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(F)

281 221. AIR CONDITIONING UNITS: (1)INSPECT 28/8 3C 4C
OR (2)USE

1 423 OPERATE PORTABLE AIR-CONDITIONING EQUIPMENT 2.89 20.5 11.1 22.2 13.3 90.7 60.8 20.4 9.5 4.00

282 22J. GAS TURBINE COMPRESSORS: (1)INSPECT 28/18 3C 4C
OR (2)USE

1 417 OPERATE GAS TURBINE COMPRESSORS 3.85 37.3 27.8 52.1 40.0 53.7 38.1 48.8 38.1 3.91

283 22K. TOW VEHICLES: (1)INSPECT OR (2)USE 28/- 3C 3C

1 428 OPERATE TOW VEHICLES DURING AIRCRAFT TOWING OPERATIONS 6.28 40.8 61.1 47.9 13.3 37.0 50.5 56.2 41.3 4.65

284 22L. NITROGEN SERVICING EQUIPMENT: 28/- 3C 3C
(1)INSPECT OR (2)USE

P 834 PERFORM NONPOWERED AGE PRIOR-TO-USE INSPECTIONS 3.57 12.1 22.2 14.6 8.9 11.1 12.4 16.2 7.9 2.98
P 829 OPERATIONALLY CHECK NITROGEN SERVICING CARTS 3.82 17.3 11.1 18.1 20.0 22.2 22.7 22.9 22.2 3.65

285 22M. HOISTING EQUIPMENT: (1)INSPECT OR 28/- 4C 4C
(2)USE

P 834 PERFORM NONPOWERED AGE PRIOR-TO-USE INSPECTIONS 3.57 12.1 22.2 14.6 8.9 11.1 12.4 16.2 7.9 2.98

286 22N. POWER PLANT STANDS AND DOLLIES: 28/- 4C 4C
(1)INSPECT OR (2)USE

P 834 PERFORM NONPOWERED AGE PRIOR-TO-USE INSPECTIONS 3.57 12.1 22.2 14.6 8.9 11.1 12.4 16.2 7.9 2.98

O TSK TITLES

X1
TE
40*

X1
1EL
(M)

OV-
10
(M)

F-
111
(M)

F-
16
(M)

F-
15
(M)

RF/
A-
(M)

RF/
10
(M)

RF/
10
(M)

RF/
10
(M)

RF/
10
(M)

RF/
10
(M)

RF/
10
(M)

TASKS NOT REFERENCED

S 200 ORDER PARTS BY VOICE COMMUNICATIONS
I 434 REMOVE SNOW OR ICE FROM AIRCRAFT MANUALLY
M 378 RETORQUE STRUCTURE MOUNT BOLTS
P 841 TOW NONPOWERED AGE
I 388 COOL HOT BRAKES
I 427 PERFORM AIRCRAFT COLD WEATHER PROCEDURES
P 818 MAINTAIN MAINTENANCE STANDS
P 837 SERVICE HYDRAULIC SERVICING CARTS
M 231 DEBRIEF AIRCRAFT
P 840 SERVICE OIL SERVICING CARTS
P 824 MAINTAIN WARNING SIGNS, SUCH AS "DANGER AIRCRAFT ON JACKS"
P 816 MAINTAIN HYDRAULIC SERVICING CARTS
M 320 REMOVE OR INSTALL CANOPY RAIN SEALS
P 813 MAINTAIN AIRCRAFT JACKS
O 810 TRANSPORT EXTERNAL FUEL TANKS FROM OR TO STORAGE AREAS
P 811 INSPECT GROUND ENGINE RUNUP SCREENS
P 823 MAINTAIN TOWING EQUIPMENT OTHER THAN VEHICLES
P 821 MAINTAIN OIL SERVICING CARTS
P 825 MAINTAIN WASTE OIL OR CONTAMINATED FUEL BOWSERS
O 808 REMOVE OR INSTALL STAND PIPES OR SEALS ON EXTERNAL FUEL TANKS

1 STD DEVIATION
ABOVE MEAN INC EMPHASIS

8.09	10.0	38.9	36.8	57.8	11.1	23.7	26.9	31.7	3.89
4.01	33.8	38.9	52.1	66.7	77.8	24.7	34.1	44.4	3.53
3.93	31.3	33.3	37.5	24.4	42.6	67.4	43.0	33.3	4.38
3.71	22.9	22.2	31.3	26.7	13.0	23.7	27.4	20.6	2.12
3.65	14.8	27.8	17.4	13.3	18.5	10.3	18.4	12.7	4.55
3.55	22.4	44.4	36.8	46.7	38.9	16.5	24.9	20.6	4.32
3.33	10.1	11.1	7.6	2.2	1.9	10.3	10.7	15.3	3.04
3.28	17.5	.0	7.6	24.4	5.6	20.6	21.4	38.1	2.80
3.24	17.6	5.6	5.6	8.9	7.4	6.2	11.2	9.5	1.79
3.23	17.5	5.6	9.7	20.0	1.9	28.9	26.6	19.0	2.74
3.04	10.6	11.1	10.4	6.7	7.4	14.4	11.9	11.1	2.15
2.94	12.9	16.7	7.6	6.7	3.7	14.4	19.0	19.0	3.62
2.93	27.9	61.1	47.2	31.1	14.8	44.3	58.0	11.1	4.21
2.85	11.4	16.7	9.0	8.9	7.4	10.3	12.7	14.3	3.47
2.72	20.2	22.2	6.3	6.7	38.9	28.9	45.8	15.9	2.93
2.72	23.1	16.7	2.1	2.2	7.4	29.9	54.2	6.3	3.23
2.71	8.4	11.1	4.9	2.2	1.9	7.2	6.2	7.9	3.36
2.62	12.2	.0	6.3	4.4	1.9	20.6	16.9	11.1	3.36
2.54	10.3	.0	6.9	2.2	3.6	8.2	15.7	4.8	2.86
2.49	17.1	22.2	13.9	4.4	11.1	15.5	44.0	23.6	4.46

M 772 REMOVE OR INSTALL LIGHT REFLECTORS
M 769 REMOVE OR INSTALL FUSES OR CURRENT LIMITERS
O 800 PREPARE EXTERNAL FUEL TANKS FOR STORAGE
P 820 MAINTAIN NITROGEN SERVICING CARTS
M 376 REMOVE SCRATCHES FROM TRANSPARENT SURFACES
M 319 REMOVE OR INSTALL CANOPY PRESSURE SEALS
P 817 MAINTAIN LOX SERVICING CARTS
M 237 INSPECT AIRCRAFT EMERGENCY EQUIPMENT FOR AVAILABILITY, SUCH AS FIRST AID KITS, TOOLS, OR FIRE EXTINGUISHERS
J 462 BREAK DOWN WHEEL AND TIRE ASSEMBLIES
J 463 BUILD UP WHEEL AND TIRE ASSEMBLIES
I 416 OPERATE DOLLIES, SLINGS, OR CRADLES
M 302 REMOVE OR INSTALL ACCESS DOOR OR MATCH PRESSURE SEALS
M 352 REMOVE OR INSTALL SEATBELTS OR SHOULDER HARNESSSES
P 819 MAINTAIN MAINTENANCE TRAILERS OR DOLLIES
R 854 ADJUST THROTTLE LINKAGES OR CABLES
R 860 ADJUST THROTTLE QUADRANTS
M 1040 REMOVE OR INSTALL TPR DOORS
P 833 PERFORM MINOR MAINTENANCE ON LOX CARTS, SUCH AS TIGHTENING SCREWS OR BOLTS
P 815 MAINTAIN BASEOUS OXYGEN SERVICING CARTS
B 54 WRITE CORRESPONDENCE
I 404 INSTALL OR REMOVE AIRCRAFT DECALS
E 140 AMBULATE EQUIPMENT DISCREPANCIES FORMS 147 FORM 2-2211
P 839 SERVICE NITROGEN SERVICING CARTS
R 894 ISOLATE THROTTLE SYSTEM MALFUNCTIONS
M 380 STRAIGHTEN OR REMOVE SMALL DENTS FROM AIRCRAFT PANELS

AVERAGE IN

2.41	16.5	.0	25.7	26.7	20.4	12.4	17.9	15.9	2.31
2.36	18.9	11.1	30.6	28.7	1.9	.0	21.9	11.1	3.77
2.31	19.5	27.8	16.7	13.3	37.0	20.6	38.8	23.0	4.48
2.30	4.9	5.6	3.5	.0	3.7	6.2	3.7	7.9	3.66
2.28	11.5	16.7	11.1	2.2	13.0	16.5	20.6	15.9	5.32
2.28	15.9	11.1	16.7	17.8	11.1	19.6	19.7	19.0	3.29
2.24	6.5	.0	3.5	6.7	.0	5.2	6.0	7.9	4.31
1.99	27.7	44.4	44.4	33.3	22.2	33.0	27.6	30.2	3.84
1.93	19.5	33.3	16.7	8.9	18.5	16.5	34.1	15.9	4.46
1.68	15.2	33.3	14.6	8.9	16.7	14.4	25.4	14.3	4.56
1.85	19.5	38.9	18.1	13.3	20.4	21.5	24.4	14.3	4.36
1.83	18.1	16.7	31.9	24.4	27.8	12.4	18.9	12.7	4.72
1.78	14.8	11.1	61.1	64.8	7.4	6.2	6.0	9.5	4.43
1.75	5.3	11.1	3.5	2.2	1.9	2.1	4.7	7.9	3.27
1.71	8.8	5.6	11.1	11.1	3.7	1.0	5.0	9.5	5.80
1.71	7.4	16.7	13.2	6.7	3.7	3.1	5.7	11.1	6.16
1.71	10.8	.0	6.9	11.1	20.4	16.5	19.9	4.8	4.98
1.64	6.7	.0	5.6	2.2	1.9	6.2	7.2	7.9	2.68
1.59	5.6	16.7	4.9	2.2	.0	.0	2.0	4.8	3.89
1.55	3.1	5.6	2.8	2.2	5.6	1.0	2.2	1.6	6.55
1.55	17.4	27.8	13.2	22.2	18.5	17.5	21.9	9.5	2.83
1.54	9.2	11.1	16.0	11.1	7.4	14.4	11.2	6.3	4.38
1.53	3.3	.0	1.4	.0	.0	6.2	2.0	4.8	3.35
1.52	9.4	.0	7.6	8.9	1.9	2.1	4.7	4.8	6.59
1.50	15.6	22.2	20.1	11.1	13.0	11.3	22.9	20.6	4.43

TRAINING EMPHASIS RATINGS

575 431X1 FIRST-TEAM AIRCRAFT GROUP COMPARISON

FCP601 PAGE 116

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

O TSK TITLES

	X1	Y1	QV-	F-	F9-	F-	F-	RF/	A-	X1
	TE	IFL	IO	111	16	15	15	F-4	10	10
	000	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(F)
J 522 REMOVE OR INSTALL LANDING GEAR MANUAL EXTENSION MECHANISM COMPONENTS	.86	3.3	5.6	2.8	2.2	5.6	.0	4.0	3.2	5.61
O 787 ISOLATE FUEL TANK FEED SYSTEM MALFUNCTIONS	.85	3.6	.0	4.2	.0	.0	2.1	5.0	4.8	6.31
A 24 PREPARE JOB DESCRIPTIONS	.84	4.6	5.6	5.6	2.2	1.9	3.1	4.2	3.2	6.01
M 277 ISOLATE RAT DOOR SYSTEM MALFUNCTIONS	.82	5.4	5.6	2.1	.0	1.9	.0	11.7	4.8	5.97
I 432 POSITION CRASH RECOVERY EQUIPMENT WITHIN CRASH SITE OR DISABLED AIRCRAFT AREAS	.82	6.4	16.7	8.3	11.1	1.9	2.1	7.2	6.3	5.14
M 220 ADJUST SEAT LOCKING MECHANISMS	.82	9.1	16.7	23.6	22.2	5.6	3.1	4.7	6.3	5.16
M 745 INSPECT BATTERY CHARGERS	.78	7.2	.0	9.7	4.4	3.7	3.1	6.2	3.2	4.53
M 739 SERVICE TAIL BUMPERS	.77	10.3	.0	75.7	68.9	1.9	3.1	3.0	4.8	3.93
A 16 ESTABLISH PUBLICATION LIBRARIES	.77	2.6	5.6	1.4	.0	1.9	1.0	1.5	3.2	6.30
P 832 PERFORM MINOR MAINTENANCE ON ENGINE INTAKE SCREENS, SUCH AS REPLACING RIVETS OR STRAIGHTENING PARTS	.76	3.8	.0	3.5	2.2	3.7	4.1	6.5	7.9	3.10
M 332 REMOVE OR INSTALL EJECTION SEATS	.76	4.6	11.1	12.5	15.6	3.7	2.1	3.2	7.9	7.18
I 409 MAINTAIN CRASH RECOVERY EQUIPMENT, SUCH AS LIFTING BAGS OR SLINGS	.75	5.6	16.7	7.6	8.9	1.9	2.1	6.2	6.3	5.76
M 714 INSPECT TAIL BUMPERS	.72	9.5	.0	69.4	64.4	1.9	3.1	1.7	4.8	4.06
O 806 REMOVE OR INSTALL INTERNAL AUXILIARY FUEL TANKS	.72	3.7	.0	6.3	4.4	3.7	8.2	3.5	6.3	3.41
C 98 REVIEW CORRESPONDENCE	.71	1.9	5.6	1.4	.0	1.9	1.0	.5	3.2	5.06
M 292 INSPECT BOMB BAY DOOR SYSTEMS	.71	9.3	11.1	47.2	60.0	1.9	1.0	4.0	3.2	4.66
O 788 ISOLATE FUEL TANK PRESSURE SYSTEM MALFUNCTIONS	.71	2.8	.0	2.8	.0	.0	3.1	3.2	3.2	6.30
B 855 ADJUST ENGINE FUEL CONTROLS	.69	2.0	16.7	.7	2.2	1.9	1.0	.7	6.3	6.52
M 308 REMOVE OR INSTALL AIR DEFLECTOR DOOR COMPONENTS	.69	8.5	5.6	46.5	35.6	7.4	.0	7.5	3.2	5.32
I 392 DIRECT CRASH RECOVERY OPERATIONS	.69	4.8	11.1	6.9	4.4	3.7	3.1	3.0	6.3	6.99
M 349 REMOVE OR INSTALL RELIEF FACILITY COMPONENTS	.68	7.3	22.2	6.3	11.1	18.5	1.0	3.7	4.8	4.00
O 851 STOW -21 SUPPORT EQUIPMENT	.68	2.4	.0	2.1	.0	.0	1.0	2.2	4.8	3.04
I 419 OPERATE HIGH LIFT BOOMS	.68	4.0	16.7	3.5	4.4	1.9	4.1	2.0	3.2	4.50
M 226 ADJUST WING-FOKED LATCHING MECHANISMS	.68	10.0	5.6	.7	.0	1.9	.0	3.1	4.8	3.99
M 204 ADJUST AFT CARGO DOOR OR RAMP LINKAGE OR LATCHING MECHANISMS	.66	4.9	55.6	9.0	.0	1.9	4.1	2.7	4.8	5.58
O 775 BUILD UP EXTERNAL FUEL TANKS	.66	4.5	.0	4.2	6.7	7.4	2.1	5.5	6.3	4.68
J 478 INSPECT LANDING GEAR SHROBBER	.65	6.2	5.6	4.2	4.4	7.4	7.2	7.0	30.2	4.80
M 334 REMOVE OR INSTALL ENGINE STRUTS OR PYLONS	.64	7.5	22.2	9.0	.0	3.7	13.4	9.0	9.5	6.08
O 849 PICK UP OR DELIVER -21 SUPPORT EQUIPMENT	.64	2.3	.0	2.1	.0	.0	1.0	3.2	3.2	2.75
P 822 MAINTAIN PORTABLE MOISTS	.63	2.5	.0	1.4	2.2	.0	2.1	1.5	4.8	3.56
M 291 INSPECT BILGE PUMPS	.62	6.3	5.6	43.8	28.9	1.9	.0	1.7	3.2	4.32
M 331 REMOVE OR INSTALL EJECTION SEAT COMPONENTS	.60	3.5	11.1	5.6	4.4	3.7	3.1	3.5	6.3	6.88
L 659 REMOVE OR INSTALL PUMP BRAKE SYSTEM COMPONENTS	.60	5.3	.0	12.5	8.9	7.4	1.0	5.7	11.1	5.85
S 198 MAINTAIN PROPERTY CUSTODIAN AUTHORIZATION/CUSTODY RECEIPT LISTINGS (FCRCL)	.59	1.9	5.6	2.1	.0	1.9	.0	.7	3.2	5.17
M 245 INSPECT CREW ENTRANCE DOOR SYSTEMS	.59	12.2	16.7	25.0	26.7	3.7	6.2	7.7	22.2	4.62
B 896 ADJUST ENGINE OIL PRESSURE	.59	1.8	11.1	1.4	2.2	.0	2.1	.7	6.3	5.78
O 896 PACK OR UNPACK -21 SUPPORT EQUIPMENT	.58	1.8	.0	1.4	.0	.0	1.0	1.5	3.2	3.29
O 790 ISOLATE FUEL-CROSSFEED SYSTEM MALFUNCTIONS	.56	2.2	.0	2.1	.0	.0	.0	1.5	4.8	6.34
O 847 PERFORM CORROSION CONTROL ON -21 SUPPORT EQUIPMENT	.56	1.6	.0	1.4	.0	.0	1.0	1.2	3.2	3.16
A 23 PREPARE BREIFINGS	.55	3.5	5.6	1.4	.0	1.9	.0	1.5	3.2	6.63
M 213 ADJUST CREW ENTRANCE DOOR LATCHING MECHANISMS	.54	5.3	16.7	4.2	2.2	3.7	.0	2.7	11.1	5.63
M 211 ADJUST CREW ENTRANCE DOOR ACTUATING MECHANISMS	.54	5.9	16.7	8.3	11.1	3.7	1.0	2.5	12.7	5.57
L 660 REMOVE OR INSTALL FLAP CARRIAGE ASSEMBLY COMPONENTS	.53	4.4	.0	12.5	13.3	.0	.0	3.5	6.3	5.87

TITLES	X1 TE	X1 IEL	OV- IN	F- 111	F8- 141	F- 16	F- 15	RF/ A-	A- 10	TD	X1 (F)
D 154											
B 31 CONDUCT BRIEFINGS	.53	3.1	5.6	3.5	.0	1.9	2.1	1.7	4.8	5.17	
M 503 INSPECT WINDMILLED WASHER SYSTEMS	.52	8.3	18.7	12.5	8.9	1.9	2.1	1.5	36.5	4.14	
J 537 SERVICE LANDING GEAR SHROUDERS WITH NITROGEN OR AIR	.51	4.4	5.6	3.5	4.4	1.9	3.1	3.5	4.8	4.26	
A 26 PREPARE UNIT ORIENTATION PROGRAMS	.49	1.5	5.6	1.4	.0	1.9	.0	.5	1.6	5.87	
D 123 PREPARE LESSON PLANS	.49	1.2	5.6	1.4	.0	1.9	.0	.5	3.2	6.81	
A 17 PLAN EQUIPMENT OR FACILITY MAINTENANCE REQUIREMENTS	.49	3.5	5.6	3.5	2.2	1.9	.0	2.7	4.8	5.72	
A 7 DEVELOP ORGANIZATIONAL CHARTS	.48	2.9	5.6	2.8	.0	1.9	.0	1.5	3.2	4.83	
R 920 REMOVE OR INSTALL ENGINE NOSE DOWNS	.48	5.8	.0	6.9	6.7	.0	2.1	1.7	6.3	7.89	
I 437 SERVICE AVIONICS LIQUID COOLING SYSTEMS	.47	4.6	11.1	18.1	15.6	3.7	7.2	1.7	7.9	4.27	
R 936 REMOVE OR INSTALL VARIANP AIR INDUCTION SYSTEM COMPONENTS	.45	3.8	.0	.7	.0	.0	4.1	9.2	3.2	6.13	
E 148 ANNOTATE JOB/STATUS DOCUMENT FORMS (AF FORM 264)	.44	1.5	5.6	1.4	2.2	1.9	.0	1.0	3.2	4.46	
I 415 OPERATE CENTRALIZED AIRCRAFT SUPPORT SYSTEMS (CHSS)	.44	2.3	5.6	1.4	.0	3.7	3.1	1.5	3.2	7.44	
D 124 PREPARE TRAINING REPORTS	.44	1.5	5.6	1.4	.0	1.9	1.0	.2	3.2	6.44	
J 536 SERVICE LANDING GEAR SHROUDERS WITH HYDRAULIC FLUID	.44	3.9	5.6	3.5	2.2	1.9	2.1	2.5	3.2	4.26	
B 36 DIRECT MAINTENANCE OF ADMINISTRATIVE FILES	.43	1.7	5.6	1.4	.0	1.9	.0	1.0	3.2	5.66	
A 12 ESTABLISH ORGANIZATIONAL POLICIES, OFFICE INSTRUCTIONS (OIP), OR STANDARD OPERATING PROCEDURES (SOP)	.42	1.9	5.6	2.1	2.2	1.9	.0	.5	3.2	7.24	
D 104 CONDUCT RESIDENT COURSE CLASSROOM TRAINING	.41	1.4	5.6	.7	.0	1.9	2.1	.5	3.2	1.51	
M 765 PERFORM CONTINUITY CHECKS OF ENGINE MAGNETIC PLUGS	.39	1.8	.0	2.1	.0	.0	1.0	1.5	15.9	4.52	
M 736 REMOVE OR INSTALL TAIL BUMPERS	.39	5.0	.0	38.1	17.8	1.9	1.0	1.5	4.8	4.89	
M 694 ADJUST TAIL BUMPERS	.38	3.9	.0	27.1	11.1	.0	.0	1.0	4.8	8.81	
S 947 INSPECT TENSION WANNESSES	.38	1.4	5.6	2.1	.0	.0	.0	.5	4.8	4.43	
O 782 INSPECT HYDRAZINE BOTTLES	.36	1.5	.0	1.4	.0	20.4	.0	1.5	1.6	4.41	
M 528 REMOVE OR INSTALL CREW ENTRANCE DOORS	.35	4.4	16.7	2.1	2.2	1.9	.0	.7	14.3	5.31	
M 235 INSPECT AFT CARGO DOOR OR RAMP SYSTEMS	.35	6.5	61.1	4.9	6.7	3.7	11.3	3.2	4.8	4.89	
M 289 OPERATIONALLY CHECK CREW ENTRANCE DOOR SYSTEMS	.34	7.3	22.2	13.2	8.9	5.6	2.1	3.0	20.8	4.84	
M 314 REMOVE OR INSTALL BOMB BAY DOOR LINKAGE OR LATCHING MECHANISM COMPONENTS	.34	3.5	5.6	9.7	26.7	1.9	.0	1.0	4.8	5.44	
P 814 MAINTAIN FACILITY MOUNTED MOISTS	.34	1.6	.0	1.4	.0	.0	1.0	1.2	3.2	3.41	
J 808 REBUILD LANDING GEAR BELL CRANKS	.31	1.5	16.7	1.4	2.2	1.9	.0	1.2	4.8	5.91	
M 222 ADJUST SLIDING WINDOW LINKAGE OR LATCHING MECHANISMS	.31	3.3	5.6	2.1	.0	1.9	.0	.7	3.2	5.13	
M 544 ADJUST WINDMILLED WIPER MECHANISMS	.31	2.5	22.2	2.1	.0	1.9	.0	.2	3.2	4.55	
M 325 REMOVE OR INSTALL CREW ENTRANCE DOOR LATCHING MECHANISM COMPONENTS	.31	4.1	11.1	4.2	2.2	1.9	.0	.2	12.7	5.60	
J 484 INSPECT NOSE GEAR FOLDING BULKHEAD SYSTEMS	.31	0.1	5.6	16.0	13.3	9.3	8.2	7.7	9.5	4.96	
I 445 SERVICE RELIEF FACILITIES	.30	4.4	27.8	5.6	8.9	1.9	.0	1.2	3.2	3.01	
M 212 ADJUST CREW ENTRANCE DOOR CARRIAGE MECHANISMS	.30	3.3	11.1	4.4	1.9	.0	.0	1.2	6.3	5.57	
M 550 INSPECT AVIONICS LIQUID COOLING SYSTEMS	.30	2.3	5.6	6.3	.0	1.9	7.2	1.0	3.2	4.75	
F 194 TYPE RECORDS, REPORTS, OR CORRESPONDENCE	.28	2.6	.0	3.5	.0	1.9	.0	2.0	3.2	5.82	
R 863 ADJUST VARIANP AIR INDUCTION CONTROL LINKAGE	.28	1.8	.0	1.4	.0	.0	1.0	2.5	4.8	6.36	
R 901 ISOLATE VARIANP AIR INDUCTION SYSTEM MALFUNCTIONS	.28	1.5	.0	.7	.0	.0	1.0	3.0	3.2	7.01	
J 516 REMOVE OR INSTALL LANDING GEAR BEAR BOXES	.27	2.6	5.6	2.8	4.4	3.7	.0	1.5	3.2	5.60	
M 304 REMOVE OR INSTALL AFT CARGO DOOR OR RAMP LINKAGE OR LATCHING MECHANISM COMPONENTS	.27	2.7	33.3	2.1	2.2	3.7	1.0	1.0	3.2	5.41	
M 323 REMOVE OR INSTALL CREW ENTRANCE DOOR ACTUATING MECHANISM COMPONENTS	.27	3.7	11.1	5.6	4.4	3.7	1.0	.5	9.5	5.74	
U 970 OPERATE SOUND SUPPRESSORS	.27	2.3	.0	2.1	.0	1.9	2.1	3.7	4.8	6.32	
M 333 REMOVE OR INSTALL ELECTRONIC COUNTERMEASURES (ECMT) SCOPES OR ECM CONTROL PANELS	.27	2.3	11.1	.7	.0	1.9	1.0	3.7	6.3	5.63	

STS 43181 FIRST-TERM AIRCRAFT GROUP COMPARISON

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

FCP601 PAGE 118

D TSK	TITLES	TE	XL	YL	OV	F-	FB-	F-	F-	IS	RF/	A-	XL
		(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(F)
S 942	INSPECT COUL FLAPS	.25	1.8	5.6	3.5	.0	.0	.0	.0	.0	.5	4.8	4.31
O 112	DEVELOP RESIDENT COURSE ON CAREER DEVELOPMENT COURSE (COC)	.25	1.4	11.1	1.4	.0	.0	.0	.0	.0	.2	8.8	7.61
E 185	ANNUATE SERVICE REPORT RECORD FORMS (APTO FORM 2407)	.24	1.5	5.6	2.1	8.4	1.9	1.0	.0	.7	3.2	4.43	
M 210	ADJUST CARGO COMPARTMENT PRESSURE DOOR LINNAGE OR LATCHING	.24	2.9	11.1	2.1	4.4	1.9	.0	.0	1.5	3.2	6.07	
	MECHANISMS												
M 232	FOLD OR ERCT VERTICAL FINS	.24	3.3	5.6	.7	2.2	3.7	1.0	.0	.5	4.8	5.11	
M 280	TORD OR UNCORD CARGO	.24	5.1	27.8	6.3	2.2	1.9	7.2	.0	.5	8.8	4.89	
S 963	REMOVE OR INSTALL SPARK PLUGS	.23	.9	5.6	1.4	.0	.0	.0	.0	.5	3.2	4.27	
M 289	ISOLATE BOMB BAY DOWN SYSTEM MALFUNCTIONS	.23	1.7	5.6	3.5	11.1	1.9	.0	.0	.5	3.2	6.82	
M 306	REMOVE OR INSTALL AFT CARGO DOORS OR RAMPS	.23	2.5	38.9	3.5	.0	1.9	2.1	1.2	3.2	6.15		
S 988	INSPECT HORNETS	.23	1.3	5.6	1.4	.0	1.9	.0	.0	.5	4.8	4.71	
S 959	REMOVE OR INSTALL COUL FLAPS	.23	1.1	.0	.7	.0	.0	.0	.0	.2	3.2	4.77	
S 955	OPERATIONALLY CHECK COUL FLAPS	.22	1.3	5.6	.7	.0	.0	1.0	.0	.5	3.2	4.84	
I 444	SERVICE RADOME DEICING SYSTEMS	.22	2.0	5.6	5.6	6.7	1.9	.0	1.0	4.8	3.91		
R 906	OPERATIONALLY CHECK PROPELLER CONTROL SYSTEMS	.22	.8	5.6	1.4	.0	.0	.0	.0	.5	1.6	5.54	
S 939	ADJUST COUL FLAPS	.21	1.4	11.1	1.4	.0	.0	.0	.0	.5	3.2	5.03	
M 275	ISOLATE GUN PUMP DOOR SYSTEM MALFUNCTIONS	.21	1.0	5.6	.7	.0	3.7	.0	1.2	4.8	5.08		
J 475	INSPECT LANDING GEAR KNEELING SYSTEMS	.21	3.8	5.6	4.9	2.2	1.9	3.1	3.7	4.3	4.98		
S 946	ISOLATE CREW ENTRANCE DOOR SYSTEMS MALFUNCTIONS	.21	3.8	5.6	4.2	2.2	1.9	.0	1.2	4.8	5.29		
S 940	REMOVE OR INSTALL HORNETS	.21	2.5	11.1	2.8	2.2	.0	1.0	1.0	4.8	4.24		
O 111	DETERMINE RESIDENT COURSE TRAINING REQUIREMENTS	.21	.8	.0	2.1	.0	.0	.0	.2	3.2	5.63		
M 276	ISOLATE PHOTOGRAPH DOOR SYSTEM MALFUNCTIONS	.20	1.6	11.1	1.4	.0	1.9	1.0	1.0	3.2	6.28		
R 852	ADJUST BELMOUTH AIR INDUCTION CONTROL LINNAGE OR CABLES	.19	1.9	5.6	.7	.0	1.9	.0	4.5	4.8	6.37		
S 944	INSPECT CYLINDER MECHS	.19	.9	.0	2.8	.0	.0	.0	.2	1.6	4.87		
L 607	ADJUST BOUNDARY LAYER CONTROL (BLC) VALVE LINNAGE	.19	1.4	.0	1.4	.0	.0	1.0	2.2	3.2	6.11		
R 857	ADJUST SPIKE AIR INDUCTION CONTROL LINNAGE OR CABLES	.19	1.2	.0	4.9	2.2	.0	.0	.5	4.8	6.20		
M 268	INSPECT SLIDING WINDOW MECHANISMS	.18	3.8	5.6	1.4	.0	1.9	.0	.5	3.2	4.27		
J 530	REMOVE OR INSTALL NOSE GEAR FOLDING BUCKHEADS	.18	1.7	5.6	2.1	.0	3.7	2.1	1.0	3.2	5.57		
S 953	OPERATE RECIPROCATING ENGINES	.18	.6	5.6	.7	.0	.0	.0	.2	1.6	5.93		
R 938	REMOVE OR INSTALL TRANSCENDING COUL INDUCTION SYSTEM	.18	1.1	.0	9.0	.0	.0	.0	.2	3.2	5.78		
	COMPONENTS												
S 945	INSPECT ENGINE OIL BREATHER STAND PIPES	.18	1.1	.0	2.4	.0	1.9	.0	.5	3.2	4.76		
M 248	INSPECT FORWARD CARGO VISION OR RAMP SYSTEMS	.18	2.3	5.6	1.4	.0	3.7	3.1	2.0	4.8	5.10		
M 244	INSPECT CARGO COMPARTMENT PRESSURE DOOR SYSTEMS	.18	4.3	5.6	2.1	.0	1.9	3.1	1.2	3.2	5.31		
I 446	SERVICE THRUST AUGMENTATION SYSTEMS	.18	1.5	.0	.7	.0	1.9	2.1	1.0	3.2	5.83		
R 919	REMOVE OR INSTALL ENGINE FIREWALL SHUT OFF VALVE CONTROL	.17	.9	.0	1.4	.0	.0	2.1	.7	1.6	5.28		
	LIENAGE OR CABLES												
J 976	INSPECT LANDING GEAR LEVELING CYLINDERS	.17	5.1	5.6	5.6	4.4	1.9	5.2	4.0	3.2	4.71		
S 962	REMOVE OR INSTALL RECIPROCATING ENGINES	.17	.6	.0	1.4	.0	.0	.0	.5	1.6	6.83		
M 224	ADJUST TROOP DOOR LATCHING MECHANISMS	.17	1.8	10.7	.7	.0	1.9	.0	.5	3.2	5.37		
M 324	REMOVE OR INSTALL CREW ENTRANCE DOOR CARRIAGE MECHANISM	.17	2.3	11.1	2.1	2.2	1.9	.0	.7	6.3	5.74		
	COMPONENTS												
S 943	INSPECT CYLINDER FINS	.17	1.0	5.6	2.8	.0	.0	.0	.2	1.6	4.13		
S 963	REMOVE OR INSTALL RECIPROCATING ENGINE PROPELLERS	.17	.6	.0	1.4	.0	.0	.0	.2	1.6	6.54		
T 974	RIG ENGINE CONDITION CABLES	.17	.5	5.6	.7	.0	.0	.0	.2	3.2	5.88		
J 968	INSPECT LANDING GEAR CROSSWIND CRAB SYSTEMS	.16	4.9	5.6	6.9	6.7	3.7	8.2	5.5	4.8	5.12		
A 18	PLAN LAYOUTS OF FACILITIES	.16	2.4	5.6	3.5	2.2	1.9	1.0	1.0	6.3	5.59		

STS 4311 FIRST-TERM AIRCRAFT GROUP COMPARISON

FCP601 PAGE 119

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

TITLES

D TSK

TE	X1	OV-	F-	F8-	F-	F-	F-	A-	X1
DE	TEL	IO	III	III	IS	IS	IS	IO	IO
(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(F)
S 952 ISOLATE RECIPROCATING ENGINE OIL PRESSURE SYSTEM	.16	.4	.0	1.4	.0	.0	.0	.5	1.6 6.72
HALF FUNCTIONS									
J 455 ADJUST LANDING GEAR KNEELING SYSTEM COMPONENTS	.16	1.8	11.1	2.1	.0	1.9	.0	2.0	6.3 5.86
J 482 INSPECT LANDING GEAR TRUCKS OR BOBIES	.16	5.8	5.6	1.4	6.7	1.9	3.1	4.7	4.8 4.87
M 282 OPERATIONALLY CHECK AFT CARGO DOORS OR RAMPS	.15	.0	22.2	2.1	.0	1.9	4.1	1.2	3.2 4.87
M 282 INSPECT UPPER DECK ACCESS LADDERS	.15	4.1	11.1	2.8	.0	3.7	4.1	2.2	7.9 4.13
J 510 REMOVE OR INSTALL LANDING GEAR BALL SCREWS	.15	1.9	5.6	2.1	2.2	1.9	.0	1.0	3.2 5.30
V 989 INSPECT TOW BELLS	.15	1.3	.0	.7	.0	.0	3.1	2.7	3.2 3.18
M 221 ADJUST SIDE CARGO DOOR OR RAMP LINKAGE OR LATCHING	.15	2.3	5.6	2.6	.0	1.9	.0	.5	3.2 5.72
MECHANISMS									
I 387 BLEED THRUST AUGMENTATION SYSTEMS	.15	2.0	5.6	3.5	2.2	3.7	.0	3.0	3.2 4.30
R 854 ADJUST ENGINE FIREWALL SHUT OFF VALVE CONTROL LINKAGE OR CABLES	.15	.6	.0	.7	.0	.0	.0	.5	3.2 5.32
T 971 OPERATE TOWROPE ENGINES	.15	.8	5.6	.7	.0	.0	.0	.5	3.2 3.81
M 215 ADJUST FORWARD CARGO VISOR OR RAMP LINKAGE OR LATCHING	.15	1.2	5.6	2.1	.0	1.9	.0	.5	3.2 5.77
MECHANISMS									
M 305 REMOVE OR INSTALL AFT CARGO DOOR OR RAMP PRESSURE SEALS	.15	2.7	22.2	2.1	.0	1.9	.0	1.0	3.2 4.95
M 251 INSPECT LIFECRAFT STORAGE	.15	3.7	11.1	.7	.0	1.9	4.1	.5	4.8 3.70
M 572 OPERATIONALLY CHECK AVIONICS LIQUID COOLING SYSTEMS	.14	1.1	5.6	2.1	.0	.0	1.0	.5	3.2 5.25
V 995 INSPECT TOW TARGET BRIDGE ASSEMBLIES	.14	1.3	.0	2.1	.0	.0	2.1	2.7	3.2 4.08
M 225 ADJUST UPPER DECK ACCESS LADDER ACTUATING OR LATCHING	.14	2.3	11.1	3.5	4.4	1.9	4.1	2.0	3.2 5.05
MECHANISMS									
J 527 REMOVE OR INSTALL LANDING GEAR TRUCKS OR BOBIES	.14	1.7	5.6	1.4	6.7	1.9	1.0	.5	3.2 6.47
S 950 ISOLATE RECIPROCATING ENGINE FUEL FLOW OR CARBURETOR SYSTEM	.14	.3	.0	1.4	.0	.0	.0	.2	1.6 7.10
HALF FUNCTIONS									
M 250 INSPECT LIFECRAFT DOOR RELEASE MECHANISMS	.13	2.9	5.6	1.4	2.2	1.9	2.1	.7	4.8 4.93
S 951 ISOLATE RECIPROCATING ENGINE IGNITION SYSTEM HALF FUNCTIONS	.13	.4	.0	1.4	.0	.0	.0	.2	1.6 7.06
M 289 INSPECT SIDE CARGO DOOR SYSTEMS	.13	2.9	5.6	1.4	.0	1.9	.0	.2	4.8 3.70
M 261 INSPECT TROOP DOOR SYSTEMS	.13	2.3	5.6	1.4	.0	1.9	.0	.2	3.2 4.70
O 808 REMOVE OR INSTALL FUEL MANIFOLD DRAIN PUMPS	.13	.7	.0	1.4	.0	.0	.0	.5	3.2 5.28
M 217 ADJUST LIFECRAFT DOOR RELEASE LINKAGE OR LATCHING	.13	1.6	5.6	.7	.0	1.9	.0	.7	3.2 5.64
MECHANISMS									
V 987 ASSEMBLE TOW TARGETS	.13	1.2	.0	1.4	.0	.0	2.1	2.2	3.2 3.98
M 355 REMOVE OR INSTALL SIDE CARGO DOOR LINKAGE OR LATCHING	.12	2.1	5.6	1.4	.0	1.9	.0	.5	3.2 5.34
MECHANISMS COMPONENTS									
J 477 INSPECT LANDING GEAR SKI SYSTEMS	.12	2.1	5.6	2.1	.0	1.9	2.1	2.3	4.8 4.87
J 457 REMOVE OR INSTALL CARBURETOR SCREENS	.12	.3	.0	1.4	.0	.0	.0	.2	1.6 4.69
J 453 ADJUST LANDING GEAR CROSSING CROD SYSTEM COMPONENTS	.12	1.6	5.6	1.4	.0	1.9	.0	1.0	4.8 5.92
A 21 PREPARE AGENDA FOR STAFF MEETINGS	.12	1.5	5.6	1.4	.0	1.9	1.0	.5	3.2 6.16
M 223 ADJUST TROOP DOOR CARRIAGE MECHANISMS	.12	1.6	11.1	1.4	.0	1.9	.0	.5	3.2 5.31
A 22 PREPARE AGENDA FOR SYMPOSIUMS, CONFERENCES, OR WORKSHOPS	.12	2.0	5.6	1.4	.0	1.9	.0	.5	3.2 6.90
M 271 ISOLATE CARGO COMPARTMENT PRESSURE DOOR SYSTEM	.12	1.7	5.6	1.4	.0	1.9	.0	.2	5.2 6.71
HALF FUNCTIONS									
M 358 REMOVE OR INSTALL SLIDING WINDOW LINKAGE OR LATCHING	.12	2.7	5.6	.7	.0	1.9	.0	.7	3.2 5.02
MECHANISMS COMPONENTS									
M 379 SERVICE CAMERAS	.12	1.2	5.6	2.1	.0	3.7	.0	.7	4.8 5.05
J 457 ADJUST LANDING GEAR SKI SYSTEM COMPONENTS	.11	1.2	5.6	1.4	.0	1.9	.0	.7	4.8 6.04
R 862 ADJUST TRANSLATING COIL INDUCTION ACTUATOR RODS ENDS	.11	.8	.0	3.5	.0	.0	.0	.2	4.8 5.56
R 893 INSPECT TRANSLATING COIL INDUCTION SYSTEMS	.11	1.4	.0	11.1	.0	1.9	1.0	.7	4.8 4.79

Pages 121-123 deleted as they pertain primarily to AFSC 43IX2.

STS 431X1 FIRST-TERM AIRCRAFT GROUP COMPARISON

STS 431X1, TACTICAL AIRCRAFT MAINTENANCE (DATED APR 1981), IS PRESENTED BELOW WITH WATCHED JOB INVENTORY TASKS AND OCCUPATIONAL SURVEY DATA FOR FIRST-TERM AIRCRAFT GROUPS.

USE OF STS FACPART PRINTOUTS: STS ITEMS ARE LISTED BETWEEN THE DOTTED LINES, WITH WATCHED TASKS LISTED BELOW AND SURVEY DATA PRINTED TO THE RIGHT OF EACH TASK. JOB INVENTORY TASKS TO BE EMPHASIZED WITHIN EACH STS AREA CAN BE IDENTIFIED USING THIS PRINTOUT. IN ADDITION, TASKS WHICH WERE NOT WATCHED WITH STS ITEMS ARE LISTED IN THE "TASKS NOT REFERENCED" SECTION IN DESCENDING ORDER OF FIRST-TERM 431X1 TRAINING EMPHASIS RATINGS. THIS PRINTOUT CAN BE USED TO COMPARE AIRCRAFT DIFFERENCES AND HELP DECIDE IF TASKS SHOULD BE INCLUDED IN FUTURE STS'S OR PLACED IN MAJCOM JPB'S. ALSO, THIS PRINTOUT MAY ASSIST IN DEVELOPING FOLLOW-ON FTD COURSES AND MAJCOM TRAINING PACKAGES. NOTE: FIRST ENLISTMENT AIRCRAFT GROUPS DO NOT CONTAIN INFORMATION ON 431X1 INCUMBENTS WHOSE PRIMARY WORK AREA INVOLVES NONPOWERED AGE, BENCH STOCK, TOOL ROOM, -21 EQUIPMENT, ADMINISTRATIVE, OR TRANSIENT MAINTENANCE FUNCTIONS.

VECTOR TYPE CODES:

- (T) = 2 TIME SPENT BY ALL MEMBERS
- (M) = 2 MEMBERS PERFORMING
- (F) = TASK FACTOR
- (D) = DICHOTOMOUS SET
- (B) = 2 TIME SPENT BY MEMBERS PERFORMING
- (-) = PROGRAM GENERATED VECTOR

NO	TYPE	VECTOR	MEMBERS/		SO	DESCRIPTION
			MEAN	SD		
1	D	X1 TE	1.99	1.00		AFSC 431X1 TRAINING EMPHASIS RATINGS
2	M	A-7	25	19		A-7 MAINT PERSONNEL (FIRST ENLISTMENT)
3	M	R71FLY	19	8		SR-71 FLTL MAINT PERSONNEL (FIRST ENLISTMENT)
4	M	R71REP	8	8		SR-71 AERO REPAIR PERSONNEL (FIRST ENLISTMENT)
5	M	U-2	29	29		U-2 MAINT PERSONNEL (FIRST ENLISTMENT)
6	M	T-33	28	28		T-33 MAINT PERSONNEL (FIRST ENLISTMENT)
7	M	P-106	39	39		P-106 MAINT PERSONNEL (FIRST ENLISTMENT)
8	M	T-37	46	46		1ST ENL T-37 MAINT PERSONNEL
9	M	T-38	109	109		1ST ENL T-38 MAINT PERSONNEL
10	F	X1 TO	5.00	1.00		AFSC 431X1 TASK DIFFICULTY RATINGS

STS 431X1 FIRST-TERM AIRCRAFT GROUP COMPARISON

FCB402 PAGE 125

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

STS 431X1, TACTICAL AIRCRAFT MAINTENANCE (DATED APR 1981), IS PRESENTED BELOW WITH MATCHED JOB INVENTORY TASKS AND OCCUPATIONAL SURVEY DATA FOR FIRST-TERM AIRCRAFT GROUPS.

USE OF STS FACT PRINTOUTS: STS ITEMS ARE LISTED BETWEEN THE EDITED LINES, WITH MATCHED TASKS LISTED BELOW AND SURVEY DATA PRINTED TO THE RIGHT OF EACH TASK. JOB INVENTORY TASKS TO BE EMPHASIZED WITHIN EACH STS AREA CAN BE IDENTIFIED USING THIS PRINTOUT. IN ADDITION, TASKS WHICH WERE NOT MATCHED WITH STS ITEMS ARE LISTED IN THE "TASKS NOT REFERENCED" SECTION IN DESCENDING ORDER OF FIRST-TERM 431X1 TRAINING EMPHASIS RATINGS. THIS PRINTOUT CAN BE USED TO COMPARE AIRCRAFT DIFFERENCES AND HELP DECIDE IF TASKS SHOULD BE INCLUDED IN FUTURE STS'S OR PLACED IN MAJCOM JPB'S. ALSO, THIS PRINTOUT MAY ASSIST IN DEVELOPING FOLLOW-ON FTD COURSES AND MAJCOM TRAINING PACKAGES. NOTE: FIRST ENLISTMENT AIRCRAFT GROUPS DO NOT CONTAIN INFORMATION ON 431X1 INCUMBENTS WHOSE PRIMARY WORK AREA INVOLVES NONPOWERED ARE, BENCH STOCK, TOOL ROOM, -25 EQUIPMENT, ADMINISTRATIVE, OR TRANSIENT MAINTENANCE FUNCTIONS.

0 TSM	TITLES	X1	A-7	R71	R71	U-2	T-33	F-37	T-37	X1
		YE	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(F)
		000								

000 STS 431X1, TACTICAL AIRCRAFT MAINTENANCE SPECIFIC TOPIC 1981

001 1. CAREER LADDER PROGRESSION

002 2. SECURITY

003 2A. COMMUNICATIONS SECURITY (COMSEC) 0 20 3C

004 2B. OPERATIONS SECURITY (OPSEC)

005 3. AF OCCUPATIONAL SAFETY AND HEALTH (AFOSH) PROGRAM

STS 431X1 FIRST-TEAM AIRCRAFT GROUP COMPARISON

FCP602 PAGE 126
OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

D TSM TITLES

X1 A-7 971 R71 U-2 T- F- T- X1
TE FLT REP (M) (M) (M) (M) (M) (M)
40= (M) (M) (M) (M) (M) (M) (F)

006 3A. APPLY SAFETY PRECAUTIONS WHEN USING 2B/1B 3C 4C
TOOLS AND EQUIPMENT, SERVICING AIRCRAFT
SYSTEMS, AND PERFORMING AIRCRAFT
MAINTENANCE

I 431 POSITION AEROSPACE GROUND EQUIPMENT (AGE) TO AIRCRAFT 6.08 84.0 84.2 25.0 69.0 75.0 85.2 71.7 86.2 3.07

007 3B. PRACTICE HOUSEKEEPING CONSISTENT WITH 2B/1B 3C 4C
SAFETY OF PERSONNEL AND EQUIPMENT

008 3C. NUCLEAR SAFETY/NUCLEAR SAFETY A B C
REGULATIONS

M 382 UPLOD OF DOWNLOD HONITONS .38 .0 .0 .0 .0 .0 .0 .0 .0 6.18

009 3D. APPLY SAFETY PRECAUTIONS PERTAINING
TO THE FOLLOWING

010 3D(1). ENGINE AIR INTAKE AND EXHAUST 2B/A 3C 4C

011 3D(2). HIGH INTENSITY SOUND 2B 3C 4C

012 3D(3). PROPELLER AND TURBINE PLANE OF 2B/B 3C 4C
ROTATION

013 3D(4). ANTENNA RADIATION 2B/B 3C 4C

FCP60Z PAGE 127
OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

TITLES

DATE	TIME	LOCATION	REMARKS
15	1015	GROUND HANDLING OF AIRCRAFT	28/B 4C 4C

	7.15	92.0	63.2	125.5	62.1	78.6	96.3	93.5	94.3	3.03
1 410 MARSHAL AIRCRAFT										
1 403 GROUND AIRCRAFT	6.94	76.0	84.2	25.0	75.9	96.4	90.7	9.5	89.9	1.88
W 350 REMOVE OR INSTALL SAFETY DEVICES, SUCH AS SENT PINS OR	6.17	92.0	52.6	30.0	85.5	60.7	72.2	65.2	58.7	3.13
GEAR LOCKS										
W 431 POSITION AIRSPACE GROUND EQUIPMENT TARGET TO AIRCRAFT	6.08	88.0	84.2	25.0	69.0	75.0	85.2	71.7	86.2	3.07

015	30(16). AIRCRAFT CONTAINING LIVE AMMUNITION AND EXPLOSIVE MATERIAL	2B/-	3C	4C

W 299 PREPARE AIRCRAFT FOR MUNITIONS LOADING OR UNLOADING	1.45	6.0	.0	.0	7.4	.0	9 4.59
W 302 UNLOAD OR DISMOUNT MUNITIONS	.38	.0	.0	.0	3.7	.0	0 6.16

016	30(17). FOREIGN OBJECT DAMAGE (FOD)	3C/18 3C	4C

~~SECRET~~

018 W(2). POSITION FIRE EXTINGUISHERS 20/18 3C 4C

29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 841. 842. 843. 844. 845. 846. 847. 848. 849. 850. 851. 852. 853. 854. 855. 856. 857. 858. 859. 860. 861.

| | | | | | | | | |
|------|------|----|------|------|------|------|------|------|
| 6.20 | 88.7 | .0 | 72.4 | 50.0 | 63.0 | 80.4 | #5.9 | 1.91 |
|------|------|----|------|------|------|------|------|------|

| 021 | 04. YECM 00000 (10) SYSTEM | B | B | C |
|-------|----------------------------|---|---|---|
| ----- | | | | |

[illegible]

SY5 431X1 FIRST-TERM AIRCRAFT GROUP COMPARISON

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

FCP02 PAGE 128

| O ISH | TITLE | Y1 | A-7 | R71 | R71 | U-2 | T- | F- | T- | X1 |
|-------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | TF | | FLT | R/R | (M) | (M) | 33 | 106 | 37 |
| | | 40* | (M) | (M) | (M) | (M) | (M) | (M) | (M) | (F) |

022 4B. AIR FORCE MANUALS AND REGULATIONS B/- B C

F 185 MAINTAIN STANDARD AIR FORCE PUBLICATIONS, REGULATIONS, OR MANUALS 2.40 7.0 5.3 .0 3.6 .0 10.9 5.5 5.22

023 4C. USE TECHNICAL PUBLICATIONS 28/18 3C 4C

H 377 RESEARCH TECHNICAL PUBLICATIONS 4.75 16.0 31.6 12.5 34.5 25.0 31.5 17.4 19.3 5.40

024 4D. USE STANDARD PUBLICATIONS 18/- 3C 4C

025 4E. UPDATE AIRCRAFT MAINTENANCE MANUALS 28/- 4C 4C

026 4F. INITIATE TECHNICAL ORDER IMPROVEMENT 8/- 28 3C

E 171 ANNOTATE TECHNICAL ORDER SYSTEM PUBLICATION IMPROVEMENT 3.52 4.0 10.5 12.5 .0 3.6 3.7 2.2 4.6 5.34
C 84 INITIATE UNSATISFACTORY REPORTS 1.24 4.0 5.3 .0 .0 1.7 .0 2.8 3.83

027 5. SUPERVISION AND TRAINING

028 5A. SUPERVISION

| O 109 | COUNSEL TRAINEES ON TRAINING PROGRESS | 3.74 | 4.0 | 10.5 | .0 | 3.4 | 7.1 | 5.6 | 10.9 | 14.7 | 5.14 |
|-------|---|------|------|------|------|------|------|------|------|------|------|
| C 93 | PREPARE APR'S | 3.73 | 4.0 | 10.5 | .0 | .0 | .0 | 7.4 | 13.0 | 7.3 | 6.57 |
| B 48 | ORIENT NEWLY ASSIGNED PERSONNEL | 3.35 | 24.0 | 5.3 | 37.5 | 10.3 | 17.9 | 27.8 | 30.4 | 32.1 | 4.23 |
| A 3 | DETERMINE WORK PRIORITIES | 3.09 | 8.0 | 15.8 | .0 | 13.8 | 10.7 | 9.3 | 17.4 | 12.8 | 4.97 |
| D 107 | CONDUCT SAFETY TRAINING | 2.81 | 4.0 | 5.3 | .0 | 3.4 | 7.1 | .0 | 2.2 | .9 | 5.35 |
| B 54 | SUPERVISE APPRENTICE TACTICAL AIRCRAFT MAINTENANCE SPECIALISTS (AFSC 43131) | 2.49 | 20.0 | 10.5 | 25.0 | 3.4 | 14.3 | 11.1 | 8.7 | 11.9 | 5.96 |
| A 9 | DEVELOP WORK METHODS OR PROCEDURES | 2.14 | 8.0 | 5.3 | 12.5 | 6.9 | 7.1 | 11.1 | 8.7 | 10.1 | 6.17 |
| B 42 | IMPLEMENT SAFETY PROGRAMS | 2.16 | 4.0 | 5.3 | .0 | .0 | 7.1 | .0 | .0 | 2.8 | 5.45 |
| B 100 | CONDUCT SECURITY TRAINING | 1.85 | .0 | 5.3 | .0 | 3.4 | 3.6 | .0 | 2.2 | .9 | 5.36 |
| B 56 | SUPERVISE PERSONNEL WITH AFSCS OTHER THAN 431X1 OR 431X2 | 1.74 | 4.0 | 10.5 | .0 | 3.4 | 7.1 | 1.9 | .0 | .9 | 6.04 |

SYSTEMS FIRST-TERM AIRCRAFT GROUP COMPARISON

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

FCP602 PAGE 129

| D | TSM | TITLES | X1
YE | A-7
(M) | R71
FLT
(M) | R71
RER
(M) | U-2
(M) | T-1
(M) | F-
33
(M) | 106
(M) | T-
37
(M) | 1-
38
(M) | X1
YD
(F) |
|---|-----|--|----------|------------|-------------------|-------------------|------------|------------|-----------------|------------|-----------------|-----------------|-----------------|
| A | 27 | PREPARE WORK ASSIGNMENTS | 1.72 | 4.0 | 21.1 | .0 | .0 | .0 | 3.7 | 3.7 | 13.0 | 8.3 | 4.83 |
| B | 47 | INTERPRET POLICIES, DIRECTIVES, OR PROCEDURES FOR SUBORDINATES | 1.71 | 4.0 | 10.5 | .0 | .0 | .0 | 7.1 | 3.7 | 8.7 | 6.4 | 5.50 |
| B | 34 | COUNSEL PERSONNEL ON PERSONAL OR MILITARY RELATED MATTERS | 1.70 | 4.0 | 10.5 | .0 | .0 | .0 | 7.1 | 7.4 | 4.3 | 5.5 | 6.34 |
| C | 67 | EVALUATE INDIVIDUALS FOR RECOGNITION | 1.67 | 4.0 | 5.3 | .0 | .0 | .0 | 7.1 | .0 | 4.3 | 2.8 | 5.66 |
| B | 57 | SUPERVISE TACTICAL AIRCRAFT MAINTENANCE SPECIALISTS (AFSC 43151) | 1.86 | 12.0 | 10.5 | .0 | 3.4 | 3.6 | 3.7 | .0 | 6.5 | 6.4 | 5.36 |
| B | 45 | IMPLEMENT SUGGESTION PROGRAMS | 1.63 | 4.0 | 5.3 | .0 | .0 | .0 | .0 | .0 | .0 | 3.7 | 4.94 |
| C | 92 | PERFORM SELF-INSPECTIONS | 1.61 | 8.0 | .0 | .0 | 6.9 | .0 | 5.6 | .0 | 4.3 | 6.4 | 5.52 |
| C | 88 | PERFORM IMPROVISED INSPECTIONS | 1.46 | 4.0 | .0 | .0 | 3.4 | .0 | 3.6 | 1.9 | 2.2 | 2.8 | 5.36 |
| A | 11 | ESTABLISH MAINTENANCE PROCEDURES | 1.45 | 4.0 | 5.3 | .0 | 6.9 | 7.1 | 1.9 | 1.9 | 10.9 | 7.3 | 6.72 |
| B | 30 | ASSIGN PERSONNEL TO DUTY POSITIONS | 1.42 | 8.0 | 15.8 | 12.5 | 3.4 | 3.6 | .0 | .0 | 10.9 | 7.3 | 4.32 |
| C | 97 | PREPARE REPLIES TO INSPECTION REPORTS | 1.41 | 4.0 | .0 | .0 | .0 | .0 | 3.7 | .0 | .0 | .0 | .0 |
| A | 19 | ESTABLISH WORK SCHEDULES | 1.41 | .0 | .0 | .0 | 12.5 | 3.4 | .0 | .0 | 15.0 | 5.5 | 4.89 |
| B | 43 | IMPLEMENT SECURITY PROGRAMS | 1.36 | 4.0 | 5.3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.76 |
| A | 10 | ESTABLISH INSPECTION PROCEDURES | 1.33 | 4.0 | 10.5 | .0 | 6.9 | 7.1 | 1.9 | 1.9 | 13.0 | 7.3 | 6.51 |
| B | 41 | IMPLEMENT QUALITY CONTROL STANDARDS | 1.30 | 4.0 | 5.3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.90 |
| B | 44 | IMPLEMENT SELF-INSPECTION PROGRAMS | 1.28 | .0 | 5.3 | .0 | .0 | .0 | .0 | .0 | 2.2 | 2.8 | 5.68 |
| C | 64 | EVALUATE COMPLIANCE WITH PERFORMANCE STANDARDS | 1.28 | 4.0 | 5.3 | 12.5 | 3.4 | 3.6 | .0 | .0 | 2.2 | 1.8 | 5.52 |
| C | 83 | INDOOR AIRMAN PERFORMANCE REPORTS (AFSC 43152) | 1.21 | 4.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.8 | 5.34 |
| A | 13 | ESTABLISH PERFORMANCE STANDARDS | 1.18 | 4.0 | 5.3 | 12.5 | 3.4 | 7.1 | 1.9 | 4.3 | .0 | .0 | 7.12 |
| C | 96 | PREPARE RECOMMENDATIONS FOR AWARDS OR DECORATIONS | 1.16 | .0 | 5.3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| B | 38 | DIRECT MAINTENANCE OR UTILIZATION OF EQUIPMENT OR SUPPLIES | 1.07 | 4.0 | .0 | .0 | .0 | 3.6 | 1.9 | 4.3 | 2.8 | 5.46 | 5.46 |
| C | 66 | EVALUATE INDIVIDUALS FOR PROMOTION, DEMOTION, OR RECLASSIFICATION | 1.02 | 4.0 | 5.3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.27 |
| C | 68 | EVALUATE INSPECTION REPORTS OR PROCEDURES | 1.02 | .0 | 5.3 | .0 | .0 | 3.6 | .0 | .0 | 4.3 | 1.8 | 5.74 |
| C | 40 | ANALYZE WORKLOAD REQUIREMENTS | 1.02 | 4.0 | 5.3 | .0 | .0 | .0 | 1.9 | .0 | 2.2 | 4.6 | 5.96 |
| A | 6 | DEVELOP INSPECTION SCHEDULES | .82 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.3 | 2.8 | 5.66 |
| B | 39 | DIRECT MAINTENANCE OR UTILIZATION OF FACILITIES OR WORK AREAS | .71 | 4.0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.3 | 1.8 | 5.09 |
| A | 28 | SCHEDULE TEMPORARY DUTY, LEAVES, OR PASSES | .66 | 4.0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.2 | .0 | 4.26 |
| A | 2 | DETERMINE REQUIREMENTS FOR SPACE, PERSONNEL, EQUIPMENT, OR SUPPLIES | .61 | 8.0 | 5.3 | 12.5 | 3.4 | 3.6 | 1.9 | .0 | 4.3 | 2.8 | 6.23 |
| B | 40 | IMPLEMENT COST REDUCTION PROGRAMS | .57 | .0 | 5.3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.15 |
| B | 55 | SUPERVISE CIVILIAN PERSONNEL | .41 | .0 | .0 | .0 | .0 | .0 | 3.7 | .0 | .0 | .0 | 6.49 |
| B | 56 | SUPERVISE TACTICAL AIRCRAFT MAINTENANCE TECHNICIANS (AFSC 43171) | .36 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.29 |
| B | 48 | INITIATE PERSONNEL ACTION REQUESTS | .33 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.82 |
| C | 94 | PREPARE CIVILIAN PERFORMANCE RATINGS OR SUPERVISORY APPRAISALS | .24 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.43 |
| B | 53 | SUPERVISE APPRENTICE AIRLIFT/BOMBARDMENT AIRCRAFT MAINTENANCE SPECIALISTS (AFSC 43152) | .20 | .0 | .0 | .0 | 25.0 | 3.4 | 7.1 | 1.9 | .0 | .0 | 6.44 |
| D | 103 | ASSIGN COURSE INSTRUCTORS | .14 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.22 |
| B | 51 | SUPERVISE AIRCRAFT/BOMBARDMENT AIRCRAFT MAINTENANCE SPECIALISTS (AFSC 43152) | .08 | .0 | .0 | .0 | .0 | .0 | 3.6 | .0 | .0 | .0 | 6.50 |
| B | 52 | SUPERVISE AIRLIFT/BOMBARDMENT AIRCRAFT MAINTENANCE TECHNICIANS (AFSC 43172) | .01 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.48 |

STS 43121 FIRST-TERM AIRCRAFT GROUP COMPARISON

FCP602 PAGE 130

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

D TASK TITLES

X1 A-7 R71 R71 U-2 T- F- T- X1
YE PER FLT 33 106 37 38 TD
000 (M) (M) (M) (M) (M) (F)

029 50. TRAINING

D 105 CONDUCT OJT 4.91 24.0 21.1 .0 17.2 32.1 27.8 37.0 42.2 5.52
D 121 MAINTAIN TRAINING RECORDS, CHARTS, OR GRAPHS 3.48 4.0 5.3 .0 3.4 3.6 1.9 .0 8.3 5.49
D 117 EVALUATE OJT TRAINERS OR TRAINEES 2.43 7.0 .0 .0 .0 3.6 3.7 2.2 5.5 5.95
D 110 DETERMINE OJT TRAINING REQUIREMENTS 2.09 .0 5.3 .0 .0 .0 1.9 2.2 5.5 5.66
D 119 EVALUATE TRAINING PROGRESS OF STUDENTS 2.05 4.0 .0 .0 .0 .0 1.9 2.2 6.3 5.46
E 173 ANNOTATE TRAINING REQUEST AND TRAINING COMPLETION 2.03 .0 .0 .0 3.4 3.6 3.7 2.2 2.8 4.12
NOTIFICATION FORMS (AF FORM 2426)

D 122 PLAN OJT 1.45 .0 5.3 .0 6.9 .0 1.9 .0 2.8 5.95
D 114 DIRECT OR IMPLEMENT OJT PROGRAMS 1.35 .0 5.3 .0 .0 3.6 3.7 .0 2.8 6.22
D 118 EVALUATE TRAINING METHODS OR TECHNIQUES 1.29 .0 .0 .0 .0 3.6 .0 2.2 2.8 6.11
D 104 ASSIGN ON-THE-JOB TRAINING (OJT) TRAINERS 1.23 .0 .0 .0 3.4 .0 1.9 .0 3.7 4.74
D 113 DEVELOP TRAINING AIDS 1.00 4.0 .0 .0 .0 .0 .0 .0 1.8 6.30
D 120 MAINTAIN STUDY REFERENCE FILES .88 .0 .0 .0 .0 .0 .0 4.3 .0 5.07
D 116 EVALUATE INSTRUCTOR PERFORMANCE .75 .0 .0 .0 .0 .0 .0 1.8 6.50
D 115 DIRECT OR IMPLEMENT TRAINING PROGRAMS OTHER THAN OJT .73 .0 .0 .0 .0 .0 .0 1.8 6.27
D 127 SELECT INDIVIDUALS FOR SPECIALIZED TRAINING .61 .0 .0 .0 .0 .0 .0 .0 5.40
D 128 WRITE TEST QUESTIONS .50 .0 .0 .0 .0 .0 .0 .0 7.19
D 126 SCORE TESTS .48 .0 .0 .0 .0 .0 .0 .0 9 3.81
D 102 ADMINISTER TESTS .48 .0 .0 .0 .0 .0 .0 .0 3.7 8.28
D 125 PROCURE TRAINING AIDS, SPACE, OR EQUIPMENT .38 .0 .0 .0 .0 .0 .0 .0 1.8 5.95

030 6. MAINTENANCE MANAGEMENT

E 152 ANNOTATE MAINTENANCE PREPLAN FORMS (AF FORM 2406) 3.97 8.0 10.5 .0 6.9 7.1 5.6 4.3 5.5 3.96
E 199 MAINTAIN TOOL CRIBS 2.78 12.0 .0 .0 3.4 10.7 5.6 21.7 11.0 5.28
E 196 MAINTAIN BENCHMARK PARTS OR EQUIPMENT LEVELS 2.50 4.0 .0 12.5 13.6 7.1 3.7 2.2 5.5 4.88
F 106 MAINTAIN STATUS BOARDS, GRAPHS, OR CHARTS 2.22 4.0 .0 .0 .0 3.6 3.7 8.7 16.5 4.56
C 70 EVALUATE MAINTENANCE DATA COLLECTION (MDC) REPORTS 1.93 .0 .0 12.5 3.4 .0 .0 4.3 2.8 5.58
E 202 VERIFY DUE-IN FROM MAINTENANCE (DIFMT) DOCUMENT LISTINGS (IR-26) 1.83 .0 .0 25.0 10.3 3.6 3.7 6.5 3.7 4.91
F 178 MAINTAIN EQUIPMENT OR AIRCRAFT STATUS REPORTS 1.72 16.0 10.5 12.5 6.9 10.7 24.1 17.4 16.3 5.00
F 108 MAINTAIN TIME COMPLIANCE TECHNICAL ORDER (TCO) 1.54 8.0 .0 .0 3.4 7.1 5.6 10.9 11.0 5.60
REQUIREMENTS

F 109 MAINTAIN VEHICLE CONTROL LOGS 1.50 4.0 .0 .0 3.4 .0 5.6 13.0 7.3 4.49
C 78 EVALUATE SAFETY PROGRAMS 1.30 .0 .0 .0 .0 .0 .0 2.2 2.8 5.69
C 65 EVALUATE EMERGENCY PROCEDURES 1.24 4.0 5.3 .0 .0 .0 .0 4.3 .9 5.72
E 105 ANNOTATE ROUTING AND REVIEW OF QUALITY CONTROL REPORTS 1.22 .0 .0 .0 .0 1.9 .0 .0 4.9 4.52
FORMS (AF FORM 2419)

E 197 MAINTAIN DAILY DOCUMENT REGISTER AND ITEM SURVEILLANCE 1.14 .0 .0 12.5 3.4 .0 1.9 .0 .0 4.65
LISTS (004)

A 4 DEVELOP EQUIPMENT UTILIZATION OR MAINTENANCE SCHEDULES 1.07 4.0 .0 .0 .0 .0 .0 4.3 5.5 5.86
F 103 MAINTAIN PRECISION MEASUREMENT EQUIPMENT (PME) 1.00 .0 .0 .0 .0 1.9 6.5 .9 4.81
CALIBRATION SCHEDULES

C 09 PERFORM PERSONNEL PROFICIENCY EVALUATIONS .97 .0 .0 .0 .0 .0 .0 .0 2.8 5.60
C 01 EVALUATE USE OF WORKSPACE, EQUIPMENT, OR SUPPLIES .94 .0 5.3 .0 .0 .0 .0 2.2 2.8 5.40
E 204 VERIFY SUPPLY DUEOUT LISTINGS (IR-35) .93 .0 .0 .0 .0 1.9 .0 .0 4.81

SYS 43121 FIRST-TERM AIRCRAFT GROUP COMPARISON

FCP602 PAGE 131
OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

D TSK TITLES

| | | | | | | | | |
|-------|--|------|-----|-----|------|-------|------|--------------|
| 71 | A-7 | 471 | R71 | U-2 | T-33 | F-106 | T-37 | X1 |
| YE | (M) | (M) | (M) | (M) | (M) | (M) | (M) | (F) |
| AD* | | | | | | | | |
| .92 | .0 | .0 | .0 | .0 | .0 | .0 | 2.2 | .9 5.76 |
| .92 | .0 | .0 | .0 | .0 | .0 | 13.0 | 8.7 | 1.8 5.24 |
| .92 | .0 | .0 | .0 | .0 | .0 | .0 | 2.2 | .0 5.21 |
| .89 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .9 4.62 |
| .85 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .3 3.7 5.70 |
| .85 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 2.8 5.11 |
| .74 | .0 | .0 | .0 | .0 | .0 | .0 | 3.7 | 2.2 1.8 5.00 |
| .73 | .0 | 10.5 | .0 | .0 | .0 | 3.6 | 2.2 | 1.6 5.69 |
| C 76 | EVALUATE SECURITY PROGRAMS | | | | | | | |
| F 179 | MAINTAIN EQUIPMENT TIME CHANGE REQUIREMENTS | | | | | | | |
| F 180 | MAINTAIN MAINTENANCE MANAGEMENT INFORMATION AND CONTROL SYSTEMS (MMCS) WORKCENTER LISTINGS | | | | | | | |
| E 159 | ANNOTATE QUALITY CONTROL INSPECTION SUMMARY FORMS (AF FORM 29201) | | | | | | | |
| C 77 | EVALUATE SELF-INSPECTION PROGRAMS | | | | | | | |
| C 82 | EVALUATE WORK SCHEDULES | | | | | | | |
| C 78 | EVALUATE SUGGESTIONS | | | | | | | |
| B 29 | ADJUST DAILY MAINTENANCE PLANS TO MEET OPERATIONAL COMMITMENTS | | | | | | | |
| C 91 | PERFORM QUALITY VERIFICATION INSPECTIONS (QVIT) | | | | | | | |
| C 79 | EVALUATE TECHNICAL ORDER IMPROVEMENT REPORTS | | | | | | | |
| C 99 | PREPARE INSPECTION REPORTS | | | | | | | |
| C 73 | EVALUATE MATERIAL DEFICIENCY REPORTS | | | | | | | |
| F 182 | MAINTAIN MASTER IDENTIFICATION (MID) LISTINGS | | | | | | | |
| C 62 | EVALUATE ADMINISTRATIVE FORMS, FILES, OR PROCEDURES | | | | | | | |
| F 177 | MAINTAIN ADMINISTRATIVE OR RECORDS FILES | | | | | | | |
| C 71 | EVALUATE MAINTENANCE OF PUBLICATION LIBRARIES | | | | | | | |
| C 85 | INVESTIGATE ACCIDENTS OR INCIDENTS | | | | | | | |
| C 90 | PERFORM PRODUCTION INSPECTIONS | | | | | | | |
| C 86 | PERFORM ACTIVITY INSPECTIONS | | | | | | | |
| C 80 | EVALUATE UNIT EMERGENCY PLANS | | | | | | | |
| F 184 | MAINTAIN PREVENTIVE MAINTENANCE INSPECTION (PMI) LISTINGS | | | | | | | |
| P 191 | PREPARE AIRCRAFT INBOUND OR GUARANTINE RECOMMENDATIONS | | | | | | | |
| C 74 | EVALUATE PROCEDURES FOR STORAGE, INVENTORY, OR INSPECTION OF PROPERTY ITEMS | | | | | | | |
| F 190 | OPERATE COMPUTER REMOTE TERMINALS | | | | | | | |
| E 169 | ANNOTATE SCHEDULE OF TECHNICIAN AVAILABILITY FORMS (AF FORM 2946) | | | | | | | |
| A 3 | DEVELOP INPUTS TO MOBILITY PLANS | | | | | | | |
| C 87 | PERFORM DEFICIENCY ANALYSIS | | | | | | | |
| P 181 | MAINTAIN HANDBOOK AUTHORIZATION DOCUMENTS | | | | | | | |
| E 157 | ANNOTATE PERSONNEL EVALUATION AND OVERALL MSEP (MAINT STANDARDS PROGRAM) POINTS COMPUTATION FORMS (AF FORM 2918) | | | | | | | |
| A 1 | DETERMINE BUDGET OR FINANCIAL REQUIREMENTS | | | | | | | |
| B 25 | PREPARE UNIT EMERGENCY OR CONTINGENCY PLANS | | | | | | | |
| E 170 | ANNOTATE TECHNICAL INSPECTION POINTS COMPUTATION FORMS (AF FORM 2917) | | | | | | | |
| C 180 | ANNOTATE PUNCH CARD TRANSCRIPT FORMS (AF FORM 1530) | | | | | | | |
| B 49 | PREPARE BUDGET OR FINANCIAL REQUESTS | | | | | | | |
| C 101 | UNIT STAFF STUDIES, SURVEYS, OR SPECIAL REPORTS | | | | | | | |
| C 83 | EVALUATE SUGGESTING OR FINANCIAL REQUIREMENTS | | | | | | | |

STS 031X1 FIRST-TERM AIRCRAFT GROUP COMPARISON

FCP602 PAGE 132
OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

| D TSK | TITLES | X1 | A-7 | R71 | R71 | U-2 | T- | F- | T- | X1 |
|-------|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | TE | (M) | FLY | (M) | (M) | (M) | 33 | 106 | 37 |
| | | 000 | | | | | | (M) | (M) | (M) |

031 7. MAINTENANCE AND INSPECTION SYSTEMS AND FORMS

032 7A. MAINTENANCE SYSTEMS

D/A B C

033 7B. INSPECTION SYSTEMS

D/A B C

E 105 ANNOTATE DANGER FORMS (AF FORM 1492)

E 176 ANNOTATE UNSERVICEABLE (CONDENSED) TAG MATERIAL FORMS (100 FORM 1577)

E 175 ANNOTATE UNSERVICEABLE (PREPARABLE) TAG MATERIAL FORMS (100 FORM 1577-2)

E 106 ANNOTATE SERVICEABLE TAG-MATERIAL FORMS (100 FORM 1578)

034 7C. USE MAINTENANCE DATA COLLECTION FORMS 28/18 3C 3C

E 150 ANNOTATE MAINTENANCE DATA COLLECTION RECORD FORMS (AFIO FORM 349)

E 161 ANNOTATE REPAIRABLE ITEM PROCESSING TAG FORMS (AFIO FORM 350)

C 99 REVIEW MAINTENANCE DATA OR EQUIPMENT RECORD FORMS

C 100 VERIFY MAINTENANCE MANAGEMENT INFORMATION AND CONTROL SYSTEM (MMS) SPECIAL CERTIFICATION/INSPECTION LISTINGS

035 7D. MATERIAL DEFICIENCY REPORTING SYSTEM A/- B C

F 193 PREPARE MATERIAL DEFICIENCY REPORTS

036 8. MAINTENANCE MATERIAL AND TOOLS

037 9. RESPONSIBILITIES FOR SUPPLIES

| | | | | | | | | | |
|------|------|-----|------|------|------|------|------|------|------|
| 3.32 | A.0 | 0.0 | 37.5 | 3.4 | 7.1 | 9.3 | 2.2 | 1.8 | 4.31 |
| 2.42 | 12.0 | 5.3 | 37.5 | 31.0 | 17.9 | 16.7 | 10.9 | 4.8 | 3.99 |
| 2.35 | 12.0 | 5.3 | 37.5 | 24.7 | 21.4 | 16.7 | 4.3 | 4.6 | 3.98 |
| 2.15 | 4.0 | 0.0 | 12.5 | 24.1 | 10.7 | 5.7 | 8.7 | 5.25 | 4.08 |

| | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|
| 7.23 | 76.0 | 63.2 | 37.5 | 48.3 | 25.0 | 74.1 | 71.7 | 66.1 | 4.25 |
| 6.02 | 56.0 | 47.4 | 50.0 | 44.8 | 51.6 | 81.1 | 73.9 | 57.8 | 3.97 |
| 2.36 | 12.0 | 15.8 | 0.0 | 6.9 | 17.9 | 7.1 | 15.2 | 11.0 | 4.98 |
| 1.08 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.9 | 5.56 |

| | | | | | | | | | |
|------|-----|-----|-----|-----|-----|-----|-----|-----|------|
| 1.05 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.9 | 6.31 |
|------|-----|-----|-----|-----|-----|-----|-----|-----|------|

STS 431X1 FIRST-TERM AIRCRAFT GROUP COMPARISON

FCR602 PAGE 133 OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

D TSM TITLES

| | A-7 | R71 | R71 | U-2 | T-1 | F-1 | T-1 | X1 |
|----|-----|-----|-----|-----|-----|-----|-----|-----|
| PI | | | | | | | | |
| VF | | FLT | RCR | | 33 | 106 | 37 | 38 |
| WD | (M) | (M) | (M) | (M) | (M) | (M) | (M) | (F) |

030 9A. MAINTENANCE SUPPLY CONCEPT A7- B B

E 168 ANNOTATE SUPPLY CONTROL LOG FORMS (AF FORM 2413) 4.01 4.0 10.5 .0 6.9 7.1 3.7 41.3 11.0 3.97

S 201 RESEARCH SUPPLY PUBLICATIONS 2.12 .0 10.5 12.5 10.3 3.6 3.7 2.2 2.8 5.09

039 9B. CRITICAL ITEM LIST A7- B B

S 203 VERIFY PRIORITY MONITOR REPORTS (D-18) 1.17 .0 .0 12.5 3.4 .0 1.9 .0 2.8 4.81

040 9C. OBTAIN INFORMATION FOR SPECIAL REQUISITION, ISSUE, AND TURN-IN SLIPS 28 30

E 147 ANNOTATE ISSUE/TURN-IN REQUEST FORMS (AF FORM 2005) 1.51 28.0 5.3 .0 10.7 24.1 4.3 10.1 4.33

E 172 ANNOTATE TEMPORARY ISSUE RECEIPT FORMS (AF FORM 1207) 2.12 4.0 5.3 37.5 20.7 7.1 20.4 19.6 10.1 3.64

E 144 ANNOTATE CUSTOMER REQUEST/RECEIPT FORMS (AF FORM 6018) .82 .0 .0 .0 .0 .0 .0 .0 .0 3.31

E 155 ANNOTATE NON-MSM REQUISITION (MANUAL) FORMS .58 .0 .0 .0 .0 .0 1.9 .0 1.8 5.01

E 162 ANNOTATE REQUISITION AND INVOICE/SHIPPING DOCUMENT FORMS (DD FORM 1199) .29 .0 .0 .0 6.9 3.6 1.9 2.2 .9 4.65

043 9D. PREPARE EQUIPMENT AUTHORIZATION LIST - 28

042 9E. STATEMENT OF CHARGES A7- B B

043 9F. REPORT OF SURVEY - B B

044 9G. PREPARE REPAIRABLE OR SERVICEABLE PARTS FOR TURN-IN 28 30 40

C 61 CERTIFY STATUS OF REPAIRABLE, SERVICEABLE, OR CONDEMNED PARTS 2.49 4.0 .0 12.5 10.3 7.1 7.4 4.3 6.0 5.26

G TSK TITLES

X1 A-7 971 971 U-2 T- F- T- X1
TE FLY PCR 33 106 37 38 TD
=D* (M) (M) (M) (M) (M) (M) (F)

047 108. INVENTORY AIRCRAFT EQUIPMENT ON 18/- 3C 3C
AF FORM 2691

6 195 INVENTORY SUPPLIES, EQUIPMENT, OR TOOLS
0 842 INSPECT -21 SUPPORT EQUIPMENT

3.84 16.0 10.5 37.5 17.2 28.6 18.5 32.6 11.9 4.85
1.38 .0 .0 .0 .0 3.6 1.9 .0 .0 3.53

048 10C. CORROSION CONTROL B C C C

M 381 TREAT MINOR AIRCRAFT CORROSION

3.49 28.0 15.8 25.0 41.4 46.4 38.9 10.9 14.7 4.15

049 10D. CLEAN AIRFRAME 28/8 3C 4C

M 220 CLEAN EXTERNAL SURFACES OF AIRCRAFT OTHER THAN TRANSPARENT SURFACES

5.44 92.0 78.9 .0 53.2 60.7 76.1 78.3 74.5 3.52

M 230 CLEAN TRANSPARENT SURFACES
M 220 CLEAN INTERIOR OF AIRCRAFT, SUCH AS CREW COMPARTMENTS OR CARGO COMPARTMENTS

5.00 68.0 78.9 .0 51.7 46.4 68.8 69.8 65.1 3.27
3.56 40.0 78.9 .0 48.3 60.7 44.4 56.5 54.1 3.28

M 381 TREAT MINOR AIRCRAFT CORROSION

3.49 28.0 15.8 25.0 41.4 46.4 38.9 10.9 14.7 4.15

M 389 CLEAN ENGINE AIR INTAKE DUCTS
I 389 DECONTAMINATE AIRCRAFT

2.70 44.0 15.8 .0 13.8 21.4 29.6 25.9 10.1 2.93
2.47 12.0 5.3 .0 10.3 17.9 7.4 4.3 1.8 5.10

M 227 BRIGHTEN AIRCRAFT SURFACES
E 137 ANNOTATE AIRCRAFT/MISSILE EQUIPMENT PROPERTY RECORD FORMS
(AF FORM 2891)

2.01 32.0 15.8 .0 17.2 25.0 46.3 37.0 34.9 3.77
.85 4.0 .0 .0 .0 .0 .0 .0 .0 4.88

050 10E. IDENTIFY PRESENCE OF CORROSION 28/8 3C 4C

M 381 TREAT MINOR AIRCRAFT CORROSION

3.49 28.0 15.8 25.0 41.4 46.4 38.9 10.9 14.7 4.15

051 10F. PERFORM AIRCRAFT INSPECTIONS

052 10F117 PHASED CONCEPT OF PREFLIGHT, END 38 3C 4C
OF RUNWAY, THRUSTLIGHT, BASIC POSTFLIGHT,
AND PHASED

STC 3311 FIRST-TERM AIRCRAFT GROUP COMPARISON

FCP602 PAGE 136

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

D TSK TITLES

X1 A-7 R71 R71 U-2 T- F- T- T-
YE FLT PCR (M) (M) (M) (M) (M) (M)
0

053 10F(12). PERIODIC CONCEPT OF PREFLIGHT, END 3B 3C 4C
OF RUNWAY, THRUFLIGHT, BASIC POSTFLIGHT,
HOURLY POSTFLIGHT, AND PERIODIC

054 10F(13). ISOCRONAL CONCEPT OF PREFLIGHT, 3B 3C 4C
END OF RUNWAY, THRUFLIGHT, HOME STATION
CHECK, MINOR, MAJOR, AND BASIC
POSTFLIGHT (BPO)

055 10F(14). SUPPLEMENTAL INSPECTIONS, 3C 4C
ACCEPTANCE, CALENDAR, SPECIAL, AND TIME
REPLACEMENT ITEM

056 10G. USE INTERPHONE 2B/1B 3C 4C

I 414 OPERATE AIRCRAFT RADIOS 2.99 36.0 15.8 0 6.9 28.6 42.6 17.4 18.3 4.39

057 10H. PERFORM GROUND HANDLING

I 403 GROUND AIRCRAFT 6.94 76.0 84.2 25.0 75.9 96.8 90.7 93.5 89.9 1.88

058 10H(1). LAUNCH AIRCRAFT 2B/8 4C 4C

I 410 MARSHAL AIRCRAFT 7.15 92.0 61.2 12.5 62.1 78.6 96.3 93.5 94.5 3.03
I 428 PERFORM AIRCRAFT LAUNCH CHECKLIST PROCEDURES 6.48 92.0 73.7 0 51.7 53.6 90.7 58.7 77.1 4.46
M 311 REMOVE OR INSTALL AIRCRAFT PROTECTIVE COVERINGS 8.70 84.0 68.4 25.0 62.1 50.0 59.3 45.7 53.2 2.62

059 10H(2). RECOVER AIRCRAFT 2B/8 4C 4C

I 410 MARSHAL AIRCRAFT 7.15 92.0 63.2 12.5 62.1 78.6 96.3 93.5 94.5 3.03
I 429 PERFORM AIRCRAFT RECOVERY CHECKLIST PROCEDURES 6.39 72.0 73.7 0 44.8 57.1 85.2 60.9 77.1 4.41
M 311 REMOVE OR INSTALL AIRCRAFT PROTECTIVE COVERINGS 8.70 84.0 68.4 25.0 62.1 50.0 59.3 45.7 53.2 2.62

STS 431X1 FIRST-TEAM AIRCRAFT GROUP COMPARISON

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

FCP602 PAGE 137

| D TSM | TITLES | OCCUPATIONAL ANALYSIS PROGRAM | | | | | | | | | |
|-------|--------|-------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | X1 | A-7 | R71 | R71 | U-2 | T- | F- | T- | X1 | YD |
| | | TE | | FLY | PER | | 33 | 106 | 37 | 30 | |
| | | 00* | (M) | (M) | (M) | (M) | (M) | (M) | (M) | (M) | (F) |

060 10M131. YOM AIRCRAFT

061 10M13111. YOM TEAM SUPERVISOR

I 395 DIRECT TOWING OPERATIONS 6.40 96.0 26.3 .0 13.8 75.0 90.7 52.2 65.1 4.60

062 10M131187. YOM VEHICLE OPERATOR

I 426 OPERATE YOM VEHICLES DURING AIRCRAFT TOWING OPERATIONS 6.28 36.0 5.3 .0 24.1 64.3 64.8 41.3 51.4 4.45

063 10M131167. YOM ENGINE OPERATOR

I 413 OPERATE AIRCRAFT COCKPIT CONTROLS DURING TOWING OPERATIONS 5.19 80.0 47.4 .0 37.9 57.1 66.7 54.3 51.4 3.82

064 10M131187. WING/TAIL WALKER

I 450 WALK WINGS OR TAIL DURING TOWING OPERATIONS 6.57 92.0 84.2 12.5 79.3 92.9 96.3 80.4 93.6 2.08

065 10M131. MOOR AIRCRAFT

I 411 MOOR AIRCRAFT 4.94 40.0 15.8 .0 48.3 7.1 29.6 93.5 85.3 3.21

066 10M131. JACK AND LEVEL AIRCRAFT

I 405 JACK AIRCRAFT USING AXLE JACKS 6.88 76.0 10.5 75.0 51.7 82.1 79.6 82.6 89.0 3.43
 I 406 JACK AIRCRAFT USING TRIPOD JACKS 6.73 92.0 31.8 87.5 24.1 96.4 96.3 89.1 71.6 4.28
 I 407 LIFT AIRCRAFT BY AIR BAGS 1.05 .0 .0 37.5 13.8 3.6 3.7 .0 .0 6.45
 I 420 OPERATE HYDRAULIC JACKING MANIFOLDS .77 8.0 .0 37.5 6.7 7.1 1.9 2.2 1.8 5.42

067 10M131(A). JACKING SUPERVISOR

I 394 DIRECT JACKING OPERATIONS 6.23 92.0 10.3 90.0 41.4 75.0 90.7 60.9 66.1 4.90

SYS 43121 FIRST-TERM AIRCRAFT GROUP COMPARISON

FCB602 PAGE 139

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (IATC) RANDOLPH AFB TX

TITLES

O TSK

| | X1 | A-7 | R71 | P71 | U-2 | T-1 | F-1 | T-1 | X1 |
|---|------|------|------|------|------|------|------|------|------|
| | TE | (M) | (P) | (H) | (M) | (P) | (M) | (M) | (F) |
| M 372 REMOVE OR INSTALL WING LEADING EDGES | 2.52 | 4.0 | 36.8 | 25.0 | 6.9 | 71.4 | 66.7 | 6.5 | 46.8 |
| M 378 REMOVE OR INSTALL CANOPY LINKAGE OR LATCHING MECHANISM COMPONENTS | 2.50 | 8.0 | 5.3 | 62.5 | 20.7 | 32.1 | 33.3 | 8.7 | 11.0 |
| M 307 REMOVE OR INSTALL AFT SECTIONS | 1.89 | 48.0 | 15.8 | .0 | 72.4 | 85.7 | 29.6 | 13.0 | 37.8 |
| M 359 REMOVE OR INSTALL TAIL CONES | 1.81 | 92.0 | 5.3 | .0 | 17.2 | 25.0 | 64.8 | 56.5 | 12.8 |
| M 374 REMOVE OR INSTALL WING TRAILING EDGES | 1.79 | 8.0 | 31.6 | .0 | 3.4 | 21.4 | 18.5 | 2.2 | 7.3 |
| M 918 REMOVE OR INSTALL ENGINE COUPLINGS | 1.74 | 4.0 | .0 | .0 | 3.4 | 7.1 | 5.6 | 2.2 | 1.8 |
| M 350 REMOVE OR INSTALL ORGASMITE DOORS | 1.71 | .0 | 36.8 | 75.0 | 24.1 | .0 | 37.0 | .0 | 5.01 |
| M 375 REMOVE OR INSTALL WINGS | 1.28 | 4.0 | .0 | 37.5 | 20.7 | .0 | 1.9 | .0 | 6.6 |
| M 346 REMOVE OR INSTALL RADOME COMPONENTS | 1.17 | 8.0 | 5.3 | .0 | .0 | 7.1 | 7.4 | .0 | 1.8 |
| M 348 REMOVE OR INSTALL RAY DOORS | 1.14 | .0 | .0 | .0 | .0 | 3.6 | 74.1 | .0 | 4.95 |
| M 915 REMOVE OR INSTALL BLOW-IN, SUCKER, OR FLIPPER DOORS | .72 | .0 | 52.6 | 25.0 | 20.7 | 3.6 | .0 | .0 | 2.8 |
| M 309 REMOVE OR INSTALL AIR DEFLECTOR DOORS | .74 | .0 | 5.3 | 12.5 | 10.3 | .0 | 9.3 | 2.2 | .9 |
| M 312 REMOVE OR INSTALL WINDOW PENTING | .60 | 72.0 | .0 | .0 | .0 | 3.6 | 3.7 | .0 | 3.56 |
| M 371 REMOVE OR INSTALL WING FOLDS | .59 | 8.0 | .0 | 12.5 | 24.1 | 7.1 | 1.9 | .0 | .9 |
| M 370 REMOVE OR INSTALL WING FOLD LATCHING MECHANISM COMPONENTS | .55 | 16.0 | .0 | .0 | 10.3 | 3.6 | .0 | .0 | 5.25 |
| M 315 REMOVE OR INSTALL BOMB BAY DOORS | .34 | .0 | .0 | .0 | .0 | .0 | 7.4 | .0 | 5.51 |
| M 338 REMOVE OR INSTALL TUN PURGE DOORS | .25 | 20.0 | .0 | .0 | .0 | .0 | .0 | .0 | .9 |
| M 345 REMOVE OR INSTALL PHOTOFLASH DOORS | .21 | .0 | 5.3 | .0 | .0 | .0 | .0 | .0 | 5.16 |

075 11C121. REMOVE NONEXPLOSIVE AIRCRAFT SEATS 28/- 4C 4C

M 393 REMOVE OR INSTALL SEATS OTHER THAN EJECTION SEATS 1.19 .0 5.3 .0 .0 .0 .0 5.3 1.07

076 11C131. REMOVE CANOPY AND WINDSHIELD GLASS 18/- 3C 4C

M 317 REMOVE OR INSTALL CANOPIES 2.95 4.0 5.3 100.0 31.0 37.1 59.3 2.2 10.1 4.58

M 369 REMOVE OR INSTALL WINDOW OR WINDSHIELDS 2.85 .0 .0 87.5 31.0 25.0 72.2 2.2 44.0 6.63

077 11C101. REMOVE TRAVEL PODS 28/- 3C 4C

M 383 UPLOAD OR DOWNLOAD PODS 1.13 28.0 .0 .0 3.4 28.6 1.9 .0 17.4 5.00

078 11D131. INSTALL AIRFRAME COMPONENTS SUCH AS COUPLING PANELS, DOORS, RADOMES, AND AFT SECTIONS 28/18 4C 4C

M 310 REMOVE OR INSTALL AIRCRAFT HARDWARE, SUCH AS SCREWS OR FASTENERS 6.25 92.0 89.5 62.5 79.3 78.6 83.3 82.6 91.7 2.83

STX 431X1 FIRST-TERM AIRCRAFT GROUP COMPARISON

OCCUPATIONAL ANALYSIS PROGRAM
USAFORC (ATC) RANDOLPH AFB TX

FCP602 PAGE 140

| D TSK | TITLES | X1 | A-7 | 971 | 971 | 971 | U-2 | T- | F- | T- | X1 |
|-------|--|------|------|------|------|------|------|------|------|------|------|
| | | YE | (M) | FLY | (M) | P/R | (M) | 33 | 106 | 37 | TD |
| | | #DE | (M) | (M) | (M) | (M) | (M) | (M) | (M) | (M) | (F) |
| M 303 | REMOVE OR INSTALL ACCESS PANELS | 6.07 | 92.0 | 84.2 | 25.0 | 25.0 | 62.1 | 89.3 | 92.6 | 78.3 | 86.2 |
| M 373 | REMOVE OR INSTALL WING TIPS | 3.97 | 44.0 | 10.5 | 25.0 | 25.0 | 31.0 | 35.7 | 46.3 | 67.4 | 69.7 |
| M 301 | REMOVE OR INSTALL ACCESS DOOR OR HATCH LINKAGE OR LATCHING MECHANISMS COMPONENTS | 3.51 | 20.0 | 31.6 | 25.0 | 25.0 | 41.4 | 35.7 | 55.6 | 21.7 | 20.2 |
| M 347 | REMOVE OR INSTALL RADOMES | 2.61 | 36.0 | 5.3 | .0 | .0 | 10.3 | 53.6 | 13.0 | .0 | 15.6 |
| M 372 | REMOVE OR INSTALL WING LEADING EDGES | 2.52 | 4.0 | 35.8 | 25.0 | 25.0 | 6.9 | 71.4 | 66.7 | 6.5 | 46.8 |
| M 318 | REMOVE OR INSTALL CANOPY LINKAGE OR LATCHING MECHANISM COMPONENTS | 2.50 | 8.0 | 5.3 | 62.5 | 62.5 | 20.7 | 32.1 | 33.3 | 8.7 | 11.0 |
| M 307 | REMOVE OR INSTALL AFT SECTIONS | 1.89 | 44.0 | 15.8 | .0 | .0 | 72.4 | 85.7 | 29.6 | 13.0 | 57.8 |
| M 359 | REMOVE OR INSTALL TAIL COMES | 1.81 | 92.0 | 5.3 | .0 | .0 | 17.2 | 25.0 | 64.8 | 56.5 | 12.8 |
| M 374 | REMOVE OR INSTALL WING TRAILING EDGES | 1.79 | 4.0 | 31.6 | .0 | .0 | 3.4 | 21.4 | 18.5 | 2.2 | 7.3 |
| M 918 | REMOVE OR INSTALL ENGINE COVINGS | 1.74 | 4.0 | .0 | .0 | .0 | 3.4 | 7.1 | 5.6 | 2.2 | 1.8 |
| M 330 | REMOVE OR INSTALL DRAGCHUTE DOORS | 1.41 | .0 | 36.8 | 75.0 | 24.1 | .0 | 37.0 | .0 | .0 | 5.01 |
| M 375 | REMOVE OR INSTALL WINGS | 1.28 | 4.0 | .0 | 37.5 | 20.7 | .0 | 1.9 | .0 | .0 | 8.54 |
| M 346 | REMOVE OR INSTALL RADOME COMPONENTS | 1.17 | 8.0 | 5.3 | .0 | .0 | .0 | 7.1 | 7.4 | .0 | 1.8 |
| M 348 | REMOVE OR INSTALL WAT DOORS | 1.14 | .0 | .0 | .0 | .0 | .0 | 3.6 | 74.1 | .0 | 4.95 |
| M 916 | REMOVE OR INSTALL BLOW-IN, SUCKER, OR FLIPPER DOORS | .92 | .0 | 52.6 | 25.0 | 20.7 | 3.6 | .0 | .0 | 2.8 | 5.28 |
| M 309 | REMOVE OR INSTALL AIR DEFLECTOR DOORS | .74 | .0 | 5.3 | 12.5 | 10.3 | .0 | 9.3 | 2.2 | .0 | 5.28 |
| M 312 | REMOVE OR INSTALL ARMOR PLATING | .60 | 72.0 | .0 | .0 | .0 | .0 | 3.6 | 3.7 | .0 | 3.56 |
| M 371 | REMOVE OR INSTALL WING FOLDS | .59 | 8.0 | .0 | 12.5 | 24.1 | 7.1 | 1.9 | .0 | .0 | 6.52 |
| M 370 | REMOVE OR INSTALL WING FOLD LATCHING MECHANISM COMPONENTS | .55 | 16.0 | .0 | .0 | 10.3 | 3.6 | .0 | .0 | .0 | 6.25 |
| M 315 | REMOVE OR INSTALL BOMB BAY DOORS | .34 | .0 | .0 | .0 | .0 | .0 | .0 | 7.4 | .0 | 5.51 |
| M 338 | REMOVE OR INSTALL GUN PURGE DOORS | .25 | 20.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.94 |
| M 345 | REMOVE OR INSTALL PHOTOFLASH DOORS | .21 | .0 | 5.3 | .0 | .0 | .0 | .0 | .0 | .0 | 5.16 |

079 110121. INSTALL NONEXPLOSIVE AIRCRAFT SEATS 28/- 4C 4C

M 353 REMOVE OR INSTALL SEATS OTHER THAN EJECTION SEATS 1.19 .0 5.3 .0 .0 .0 .0 .0 5.5 3.87

080 110127. INSTALL CANOPY AND WINDSHIELD GLASS 18/- 3C 4C

M 317 REMOVE OR INSTALL CANOPIES 2.93 4.0 5.3 100.0 31.0 57.1 59.3 2.2 10.1 6.58

M 369 REMOVE OR INSTALL WINDOWS OR WINDSHIELDS 2.85 4.0 .0 87.5 31.0 25.0 72.2 2.2 44.0 6.63

081 110197. INSTALL TRAVEL PODS 28/- 3C 4C

M 303 UPLOAD OR DOWNLOAD PODS 1.13 28.0 .0 .0 3.4 28.6 1.9 .0 17.4 5.00

STY 431X1 FIRST-TERM AIRCRAFT GROUP COMPARISON

FCP602 PAGE 141

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

D TSK TITLES

082 11E. INSPECT AIRFRAME AND AIRFRAME 28/18 3C 4C

COMPONENTS

| | | | | | | | | | | | |
|-------|---------------------------------------|------|-------|------|------|------|------|------|------|------|------|
| M 230 | INSPECT ACCESS PANELS | 6.58 | 100.0 | 94.7 | 12.5 | 72.4 | 89.3 | 92.6 | 91.3 | 84.4 | 3.81 |
| M 239 | INSPECT AIRFRAME STRUCTURES | 6.40 | 76.0 | 89.5 | 50.0 | 75.9 | 78.6 | 85.2 | 58.7 | 89.7 | 5.05 |
| M 238 | INSPECT AIRCRAFT FOR CORROSION | 5.90 | 72.0 | 89.5 | 50.0 | 79.3 | 75.0 | 70.4 | 58.7 | 69.7 | 4.92 |
| M 233 | INSPECT ACCESS DOORS OR MATCHES | 5.25 | 80.0 | 84.2 | 12.5 | 65.5 | 78.6 | 79.6 | 67.4 | 64.2 | 4.14 |
| M 263 | INSPECT WINDOWS OR WINDSHIELDS | 4.54 | 76.0 | 84.2 | 75.0 | 79.3 | 71.4 | 79.6 | 58.7 | 65.1 | 4.16 |
| M 240 | INSPECT ANTENNAS | 4.30 | 56.0 | 89.5 | .0 | 51.7 | 71.4 | 57.8 | 69.6 | 57.8 | 3.31 |
| M 253 | INSPECT RADOMES | 3.80 | 56.0 | 63.2 | .0 | 24.1 | 53.6 | 68.5 | 2.2 | 22.0 | 3.94 |
| M 875 | INSPECT ENGINE COUPLING LATCHES | 1.48 | 4.0 | 5.3 | .0 | .0 | 3.6 | 3.7 | 4.3 | .9 | 3.81 |
| M 254 | INSPECT RAT DOORS | 1.35 | 60.0 | .0 | .0 | 3.4 | 10.7 | 90.7 | .0 | .0 | 4.15 |
| M 264 | INSPECT WING FOLD SYSTEMS | 1.12 | 52.0 | 5.3 | 12.5 | 34.5 | 3.6 | 5.6 | .0 | .0 | 4.88 |
| M 298 | OPERATIONALLY CHECK WING FOLD SYSTEMS | 1.01 | 56.0 | .0 | .0 | 17.2 | 3.6 | 1.9 | .0 | .0 | 4.35 |
| M 249 | INSPECT GUN PURGE DOORS | .74 | 40.0 | .0 | .0 | .0 | .0 | 3.7 | .0 | .9 | 3.67 |
| M 255 | INSPECT RELIEF FACILITIES | .72 | 36.0 | 5.3 | .0 | 31.0 | 42.9 | 5.6 | .0 | .9 | 3.72 |
| M 292 | INSPECT PHOTOFLASH DOORS | .20 | .0 | 5.3 | .0 | .0 | .0 | 1.9 | .0 | .0 | 4.45 |

083 11F(1). ADJUST OPERATIONAL DOORS 28/- 3C 3C

| | | | | | | | | | | | |
|-------|--|------|------|------|------|------|------|------|------|------|------|
| M 205 | ADJUST ACCESS DOOR OR MATCH LINKAGE OR LATCHING MECHANISMS | 4.43 | 36.0 | 31.6 | 87.5 | 31.7 | 46.4 | 84.3 | 47.8 | 27.5 | 4.88 |
| M 219 | ADJUST RAM AIR TURBINE (RAT) DOORS | 1.07 | .0 | .0 | 12.5 | 3.4 | 7.1 | 75.9 | .0 | .0 | 5.45 |
| M 208 | ADJUST BOMB BAY DOOR LINKAGE OR LATCHING MECHANISMS | .86 | .0 | .0 | .0 | .0 | 3.6 | 7.4 | .0 | .0 | 5.82 |
| M 216 | ADJUST GUN PURGE DOORS | .86 | 8.0 | .0 | .0 | .0 | .0 | 1.9 | .0 | .0 | 5.45 |
| M 218 | ADJUST PHOTOFLASH DOORS | .29 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.26 |

084 11F(2). ADJUST COUL FLAPS 28/- 3C 3C

085 12. LANDING GEAR SYSTEMS

086 12A. LANDING GEAR COMPONENTS AND SYSTEM A 8 C

OPERATION

087 12B(1). PERFORM LANDING GEAR OPERATIONAL 28/18 3C 4C

CHECK

J 500 OPERATIONALLY CHECK LANDING GEAR INDICATOR SYSTEMS 3.80 36.0 10.5 17.5 41.4 42.9 55.6 13.0 16.5 4.58

ST5 431X1 FIRST-TERM AIRCRAFT GROUP COMPARISON

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

FCP602 PAGE 142

0 TSM

TITLES

D E F

| | |
|-----|-----|
| A-7 | DTJ |
| (M) | FLT |
| | (M) |

F- 33 (M)
F- 106 (M)

| Y- | Y- | X1 |
|-----|-----|-----|
| 37 | 38 | Y0 |
| (M) | (M) | (F) |

J 499 OPERATIONALLY CHECK LANDING GEAR EXTENSION OR RETRACTION MECHANISMS

| 080 | 12B(12). PERFORM BRAKE OPERATIONAL CHECK | 2B/10 3C | 4C |
|-----|--|----------|----|
| | | | |

J 997 OPERATIONALLY CHECK BRAKE SYSTEMS-

| |
|------|
| 5.05 | 5.07 | 5.08 | 5.09 | 5.10 | 5.11 | 5.12 | 5.13 | 5.14 | 5.15 | 5.16 | 5.17 | 5.18 | 5.19 | 5.20 | 5.21 | 5.22 | 5.23 | 5.24 | 5.25 | 5.26 | 5.27 | 5.28 | 5.29 | 5.30 | 5.31 | 5.32 | 5.33 | 5.34 | 5.35 | 5.36 | 5.37 | 5.38 | 5.39 | 5.40 | 5.41 | 5.42 | 5.43 | 5.44 | 5.45 | 5.46 | 5.47 | 5.48 | 5.49 | 5.50 | 5.51 | 5.52 | 5.53 | 5.54 | 5.55 | 5.56 | 5.57 | 5.58 | 5.59 | 5.60 | 5.61 | 5.62 | 5.63 | 5.64 | 5.65 | 5.66 | 5.67 | 5.68 | 5.69 | 5.70 | 5.71 | 5.72 | 5.73 | 5.74 | 5.75 | 5.76 | 5.77 | 5.78 | 5.79 | 5.80 | 5.81 | 5.82 | 5.83 | 5.84 | 5.85 | 5.86 | 5.87 | 5.88 | 5.89 | 5.90 | 5.91 | 5.92 | 5.93 | 5.94 | 5.95 | 5.96 | 5.97 | 5.98 | 5.99 | 6.00 |
|------|

| | | | |
|-----|--|----------|----|
| 089 | 12B13). PERFORM STEERING SYSTEM
OPERATIONAL CHECK | 28/18 JC | 4C |
|-----|--|----------|----|

| J 503 OPERATIONALLY CHECK LANDING GEAR STEERING SYSTEMS | 2.62 | 16.0 | .0 | 37.5 | 24.1 | 7.1 | 38.9 | 13.0 | 9.2 | 4.93 |
|---|------|------|----|------|------|-----|------|------|-----|------|
|---|------|------|----|------|------|-----|------|------|-----|------|

090 120147. PERFORM ARRESTING GEAR
OPERATIONAL CHECK 28/10 JC WC

J 090 OPERATIONALLY CHECK ARRESTING GEAR SYSTEMS

| | | | | |
|-----|----------------------------------|------|----|----|
| 091 | 120(5). PERFORM ANTI-SKID SYSTEM | 28/0 | 3C | 4C |
| | OPERATIONAL CHECK | | | |

J 495 OPERATIONALLY CHECK ANTI-SID SYSTEMS

092-12C(11). SERVICE ARRESTING GEAR 28/7/15 AC WAC

I 439 SERVICE HYDRAULIC SYSTEMS
I 443 SERVICE PNEUMATIC SYSTEMS
M 740 SERVICE TAIL MOONS

| | | | | |
|-----|-------------------------------|-------|----|----|
| 093 | 12C(12). SERVICE SMOCK STRUTS | 28/18 | 4C | 4C |
|-----|-------------------------------|-------|----|----|

J 539 SERVICE LANDING GEAR STRUTS WITH NITROGEN OR AIR
J 538 SERVICE LANDING GEAR STRUTS WITH HYDRAULIC FLUIDS

| 094 | 12C(13), SERVICE TIRES | 28/10 4C | 4C |
|-----|------------------------|----------|----|
| | | | |

STS 431X1 FIRST-TERM AIRCRAFT GROUP COMPARISON

FCP602 PAGE 143

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

D TSK TITLES

I 447 SERVICE TIRES

7.02 100.0 94.7 75.0 93.1 89.3 98.1 84.8 87.2 3.60

O95 12C(4). SERVICE BRAKE SYSTEM

28/18 4C 4C

J 532 SERVICE BRAKE SYSTEMS

5.22 64.0 21.1 0.0 55.2 67.9 74.1 69.6 84.4 4.25

O96 12C(5). SERVICE LANDING GEAR COMPONENTS

28/18 4C 4C

O97 12D. LUBRICATE LANDING GEAR COMPONENTS

28/18 4C 4C

M 201 LUBRICATE AIRCRAFT COMPONENTS

J 504 PACK WHEEL BEARINGS

6.73 96.0 89.5 50.0 89.7 75.0 79.6 78.3 68.8 4.32
2.21 16.0 0.0 87.5 62.1 39.3 20.4 6.5 15.6 3.50

O98 12C. BLEED BRAKE SYSTEMS

28/18 4C 4C

J 461 BLEED BRAKE SYSTEMS

5.09 84.0 5.3 25.0 24.1 82.1 70.4 50.0 65.1 4.51

O99 12F. ADJUST LANDING GEAR COMPONENTS

17- 28 3C

J 454 ADJUST LANDING GEAR DOOR LINKAGE, ACTUATING, OR LATCHING MECHANISMS

3.07 8.0 0.0 87.5 37.9 50.0 48.1 4.3 11.9 5.91

J 459 ADJUST LANDING GEAR UP OR DOWN LOCK MECHANISMS

2.71 8.0 0.0 75.0 24.1 60.7 35.2 0.0 6.4 6.18

J 452 ADJUST BRAKE SYSTEM MECHANICAL COMPONENTS

2.52 44.0 0.0 0.0 39.3 35.2 8.7 82.6 5.47

J 458 ADJUST LANDING GEAR STEERING SYSTEM COMPONENTS

1.62 4.0 0.0 75.0 20.7 10.7 16.7 0.0 2.8 6.23

M 741 ADJUST PROXIMITY OR MICRO-SWITCHES

.73 4.0 0.0 0.0 25.0 3.7 0.0 1.8 5.58

J 460 ADJUST NOSE GEAR FOLDING BULKHEAD LINKAGE OR LATCHING MECHANISMS

.52 4.0 0.0 37.5 10.3 7.1 5.6 0.0 .9 6.10

100 126(1). REMOVE WHEEL AND TIRE ASSEMBLIES

28/18 4C 4C

J 531 REMOVE OR INSTALL WHEEL ASSEMBLIES

6.10 60.0 0.0 87.5 65.5 67.9 81.5 60.9 78.0 4.67

101 126(2). REMOVE BRAKE ASSEMBLIES

28/18 4C 4C

| D TSK | TITLES | Y1
TE
DO | A-7
(M) | R71
FLT
(M) | R71
RER
(M) | U-2
(M) | T-
(M) | F-
(M) | T-
(M) | T-
(M) | K1
YD
(F) |
|-------|--|------------------|------------|-------------------|-------------------|------------|-----------|-----------|-----------|-----------|-----------------|
| | | | | | | | | | | | |
| J 508 | REMOVE OR INSTALL BRAKE ASSEMBLIES | 6.10 | 92.0 | .0 | 50.0 | 27.6 | 78.6 | 75.9 | 65.2 | 78.0 | 4.93 |
| 102 | 126(13). REMOVE LANDING GEAR COMPONENTS | 127- | 3C | 4C | | | | | | | |
| J 514 | REMOVE OR INSTALL LANDING GEAR DOORS | 4.97 | 8.0 | 15.8 | 37.5 | 62.1 | 75.0 | 72.2 | 34.8 | 61.5 | 4.97 |
| J 526 | REMOVE OR INSTALL LANDING GEAR STRUTS | 3.22 | 8.0 | .0 | 50.0 | 24.1 | 42.9 | 38.9 | .0 | 13.8 | 6.57 |
| J 528 | REMOVE OR INSTALL LANDING GEAR UP OR DOWN LOCK MECHANISM COMPONENTS | 2.59 | 8.0 | .0 | 62.5 | 17.2 | 42.9 | 24.1 | 2.2 | 10.1 | 5.65 |
| J 513 | REMOVE OR INSTALL LANDING GEAR DOOR LINKAGE, ACTUATING, OR LATCHING MECHANISM COMPONENTS | 2.50 | 24.0 | 5.3 | 37.5 | 27.6 | 39.3 | 40.7 | 2.2 | 13.8 | 5.39 |
| J 519 | REMOVE OR INSTALL LANDING GEAR HYDRAULIC SYSTEM COMPONENTS | 2.41 | 8.0 | .0 | .0 | 3.4 | 28.6 | 50.0 | 4.3 | 6.4 | 5.49 |
| J 509 | REMOVE OR INSTALL BRAKE SYSTEM MECHANICAL COMPONENTS OTHER THAN BRAKE ASSEMBLIES | 2.32 | 8.0 | .0 | .0 | 6.9 | 17.9 | 29.6 | 6.5 | 6.4 | 5.06 |
| J 525 | REMOVE OR INSTALL LANDING GEAR STRUCTURAL COMPONENTS, SUCH AS DRAG BRACES OR SWING ARMS | 2.11 | 4.0 | .0 | 50.0 | 10.3 | 21.4 | 29.6 | 2.2 | 5.5 | 5.78 |
| J 507 | REMOVE OR INSTALL ARRESTING GEAR SYSTEM COMPONENTS | 1.83 | 52.0 | .0 | .0 | .0 | .0 | 31.5 | .0 | .0 | 5.08 |
| J 524 | REMOVE OR INSTALL LANDING GEAR STEERING SYSTEM COMPONENTS | 1.83 | 8.0 | .0 | 37.5 | 10.3 | 7.1 | 18.3 | .0 | 4.6 | 5.88 |
| J 517 | REMOVE OR INSTALL LANDING GEAR ELECTRICAL SYSTEM COMPONENTS | 1.23 | 4.0 | .0 | .0 | 3.4 | 14.3 | 9.3 | 2.2 | .0 | 5.37 |
| J 506 | REMOVE OR INSTALL ANTISKID SYSTEM COMPONENTS | 1.21 | 40.0 | .0 | 37.5 | 3.4 | 3.6 | 5.6 | .0 | .0 | 4.91 |
| J 515 | REMOVE OR INSTALL LANDING GEAR DRAG PIN BUSHINGS | .87 | 8.0 | .0 | 12.5 | 3.4 | 7.1 | 16.7 | .0 | .0 | 5.14 |
| J 516 | REMOVE OR INSTALL LANDING GEAR DRAG PINS | .83 | 4.0 | .0 | 12.5 | 13.8 | 7.1 | 20.4 | .0 | .0 | 5.05 |
| J 511 | REMOVE OR INSTALL LANDING GEAR BELL CRANKS | .89 | 4.0 | .0 | .0 | .0 | 14.3 | 3.7 | .0 | .0 | 5.14 |
| J 529 | REMOVE OR INSTALL NOSE GEAR FOLDING BULKHEAD LINKAGE OR LATCHING MECHANISM COMPONENTS | .83 | .0 | .0 | 12.5 | 6.9 | 7.1 | 7.4 | .0 | .0 | 5.64 |
| 103 | 12H(1). INSTALL WHEEL AND TIRE ASSEMBLIES | 28/18 | 4C | 4C | | | | | | | |
| J 531 | REMOVE OR INSTALL WHEEL ASSEMBLIES | 6.10 | 60.0 | .0 | 87.5 | 65.5 | 67.9 | 81.5 | 60.9 | 78.0 | 4.67 |
| 104 | 12H(2). INSTALL BRAKE ASSEMBLIES | 28/18 | 4C | 4C | | | | | | | |
| J 508 | REMOVE OR INSTALL BRAKE ASSEMBLIES | 6.10 | 92.0 | .0 | 50.0 | 27.6 | 78.6 | 75.9 | 65.2 | 78.0 | 4.93 |
| 105 | 12H(3). INSTALL LANDING GEAR COMPONENTS | 1A/- | 3C | 4C | | | | | | | |
| J 514 | REMOVE OR INSTALL LANDING GEAR DOORS | 4.97 | 8.0 | 15.8 | 37.5 | 62.1 | 75.0 | 72.2 | 34.8 | 61.5 | 4.97 |
| J 526 | REMOVE OR INSTALL LANDING GEAR STRUTS | 3.22 | 8.0 | .0 | 50.0 | 24.1 | 42.9 | 38.9 | .0 | 13.8 | 6.57 |
| J 528 | REMOVE OR INSTALL LANDING GEAR UP OR DOWN LOCK MECHANISM COMPONENTS | 2.59 | 8.0 | .0 | 62.5 | 17.2 | 42.9 | 24.1 | 2.2 | 10.1 | 5.65 |

ST5 431X1 FIRST-TERM AIRCRAFT GROUP COMPARISON

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

FCP602 PAGE 145

TITLES

| D TSK | X1 | A-7 | R71 | R71 | U-2 | T-33 | T-37 | X1 |
|--|------|------|-----|------|------|------|------|---------------|
| | TE | FM | FM | FM | FM | FM | FM | FM |
| J 513 REMOVE OR INSTALL LANDING GEAR DOOR LINKAGE, ACTUATING, OR LATCHING MECHANISM COMPONENTS | 2.50 | 24.0 | 5.3 | 37.5 | 27.6 | 39.3 | 40.7 | 2.2 13.8 5.39 |
| J 519 REMOVE OR INSTALL LANDING GEAR HYDRAULIC SYSTEM COMPONENTS | 2.41 | 8.0 | .0 | .0 | 3.4 | 28.6 | 50.0 | 4.3 6.4 5.49 |
| J 509 REMOVE OR INSTALL BRAKE SYSTEM MECHANICAL COMPONENTS OTHER THAN BRAKE ASSEMBLIES | 2.32 | 8.0 | .0 | .0 | 6.9 | 17.9 | 29.6 | 6.5 6.4 5.06 |
| J 525 REMOVE OR INSTALL LANDING GEAR STRUCTURAL COMPONENTS, SUCH AS DRAG BRACES OR SWING ARMS | 2.11 | 4.0 | .0 | 50.0 | 10.3 | 21.4 | 29.6 | 2.2 5.5 5.78 |
| J 507 REMOVE OR INSTALL ARRESTING GEAR SYSTEM COMPONENTS | 1.83 | 52.0 | .0 | .0 | .0 | 31.5 | .0 | .0 5.08 |
| J 524 REMOVE OR INSTALL LANDING GEAR STEERING SYSTEM COMPONENTS | 1.85 | 7.0 | .0 | 37.5 | 10.3 | 7.1 | 18.5 | .0 4.6 5.68 |
| J 517 REMOVE OR INSTALL LANDING GEAR ELECTRICAL SYSTEM COMPONENTS | 1.23 | 4.0 | .0 | .0 | 3.4 | 14.3 | 9.3 | 2.2 .0 5.37 |
| J 506 REMOVE OR INSTALL ANTISKID SYSTEM COMPONENTS | 1.21 | 40.0 | .0 | 37.5 | 3.4 | 3.6 | 5.6 | .0 .0 4.91 |
| J 515 REMOVE OR INSTALL LANDING GEAR DRAG PIN BUSHINGS | .87 | 4.0 | .0 | 12.5 | 3.4 | 7.1 | 16.7 | .0 .0 5.14 |
| J 516 REMOVE OR INSTALL LANDING GEAR DRAG PINS | .83 | 4.0 | .0 | 12.5 | 13.8 | 7.1 | 20.4 | .0 .0 5.05 |
| J 529 REMOVE OR INSTALL NOSE GEAR FOLDING BULKHEAD LINKAGE OR LATCHING MECHANISM COMPONENTS | .73 | .0 | .0 | 12.5 | 6.9 | 7.1 | 7.4 | .0 .0 5.64 |

106 121. DETERMINE PERSISTENCY OF RETARDING AIRCRAFT TIMES

107 12J. TROUBLESHOOT LANDING GEAR SYSTEM

| | | | | | | | | |
|---|------|------|------|------|------|------|------|----------------|
| J 489 ISOLATE BRAKE SYSTEM MALFUNCTIONS | 2.58 | 16.0 | .0 | .0 | .0 | 25.0 | 33.3 | 10.9 16.5 6.05 |
| J 491 ISOLATE LANDING GEAR EXTENSION OR RETRACTION MECHANISM MALFUNCTIONS | 1.98 | 4.0 | .0 | 37.5 | 13.8 | 14.3 | 22.2 | .0 5.5 6.44 |
| M 267 INTERPRET SYSTEM SCHEMATICS | 1.77 | 4.0 | .0 | .0 | 10.3 | 21.4 | 13.0 | 2.2 3.7 6.82 |
| J 494 ISOLATE LANDING GEAR STEERING SYSTEM MALFUNCTIONS | 1.63 | 4.0 | .0 | 37.5 | 6.9 | 3.6 | 20.4 | 4.3 2.8 6.59 |
| J 488 ISOLATE ARRESTING GEAR SYSTEM MALFUNCTIONS | 1.83 | 12.0 | .0 | .0 | .0 | 3.8 | 25.9 | 2.2 .0 5.95 |
| M 266 INTERPRET SYSTEM LAYOUT DRAWINGS OR BLUEPRINTS | .91 | 4.0 | 10.5 | 12.5 | 27.6 | 7.1 | 9.3 | 2.2 2.8 6.69 |
| M 265 INTERPRET SYSTEM GRAPHS OR CHARTS | .85 | 4.0 | 5.3 | 12.5 | 8.9 | 3.6 | 7.4 | .0 2.8 5.78 |

108 12K. INSPECT LANDING GEAR SYSTEM

| | | | | | | | | |
|---|------|------|------|------|------|------|------|----------------|
| J 485 INSPECT TIRES | 6.89 | 96.0 | 84.2 | 75.0 | 93.1 | 96.4 | 98.1 | 97.8 93.6 3.79 |
| J 486 INSPECT WHEEL ASSEMBLIES | 6.14 | 76.0 | 68.4 | 75.0 | 79.3 | 71.4 | 85.2 | 65.2 80.7 3.95 |
| J 488 INSPECT BRAKE SYSTEMS | 5.97 | 88.0 | 83.2 | 50.0 | 89.0 | 78.6 | 85.2 | 60.9 78.0 4.30 |
| J 481 INSPECT LANDING GEAR STRUTS | 5.77 | 72.0 | 78.9 | 62.5 | 86.2 | 92.9 | 92.6 | 80.4 86.2 4.48 |
| J 474 INSPECT LANDING GEAR-HYDRAULIC SYSTEM COMPONENTS | 5.17 | 48.0 | 78.9 | .0 | 98.6 | 71.4 | 75.9 | 54.3 63.3 4.66 |
| J 483 INSPECT LANDING GEAR UP OR DOWN LOCK MECHANISMS | 5.11 | 68.0 | 63.2 | 50.0 | 75.9 | 67.9 | 63.0 | 63.0 70.6 4.66 |
| J 472 INSPECT LANDING GEAR EXTENSION OR RETRACTION MECHANISMS | 4.99 | 44.0 | 73.7 | 50.0 | 89.0 | 67.9 | 51.9 | 50.0 50.5 4.80 |
| J 480 INSPECT LANDING GEAR STRUCTURAL COMPONENTS | 4.88 | 44.0 | 52.6 | 37.5 | 69.0 | 50.0 | 68.5 | 45.7 61.5 4.69 |

STS 031X1 FIRST-TERM AIRCRAFT GROUP COMPARISON

FCP602 PAGE 146

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

D TSK TITLES

| D TSN | TITLES | | | | | | | | | | | |
|-------|---------|---|------|------|------|------|------|------|------|------|------|------|
| J 469 | INSPECT | LANDING GEAR DOOR MECHANISMS | 4.74 | 64.0 | 73.7 | 62.5 | 72.4 | 71.4 | 77.8 | 47.8 | 61.5 | 4.45 |
| J 471 | INSPECT | LANDING GEAR ELECTRICAL SYSTEM COMPONENTS | 4.16 | 32.0 | 57.9 | .0 | 55.2 | 46.4 | 40.7 | 39.1 | 45.9 | 4.70 |
| J 479 | INSPECT | LANDING GEAR STEERING SYSTEMS | 4.15 | 24.0 | 52.6 | 50.0 | 62.1 | 10.7 | 53.7 | 56.5 | 53.2 | 4.70 |
| J 487 | INSPECT | WHEEL BEARINGS | 3.92 | 40.0 | 5.3 | 75.0 | 44.8 | 67.9 | 53.7 | 26.1 | 46.8 | 4.15 |
| J 465 | INSPECT | ARRESTING GEAR SYSTEMS | 2.91 | 89.0 | .0 | .0 | 10.3 | 3.6 | 74.1 | 2.2 | 8.3 | 4.43 |
| J 470 | INSPECT | LANDING GEAR DRAG PINS OR BUSHINGS | 2.61 | 12.0 | 5.3 | 25.0 | 41.4 | 35.7 | 51.9 | 13.0 | 36.7 | 4.60 |
| J 464 | INSPECT | ANTISHOCK SYSTEMS | 2.32 | 88.0 | 26.3 | .0 | 3.4 | 3.6 | 11.1 | .0 | 1.8 | 4.52 |
| J 467 | INSPECT | LANDING GEAR BELL CRANKS | 2.31 | 20.0 | 10.5 | .0 | 20.7 | 25.0 | 14.8 | 8.7 | 12.8 | 4.48 |
| J 473 | INSPECT | LANDING GEAR BOXES | .84 | 4.0 | 5.3 | 12.5 | 13.8 | 7.1 | 18.5 | 2.2 | 20.2 | 4.85 |

109 13. UTILITY SYSTEMS

110 13A. UTILITY SYSTEM COMPONENTS AND SYSTEM A B C
OPERATION

111 13B(1). PERFORM OVERHEAT WARNING SYSTEM 28/18 3C 4C
OPERATIONAL CHECK

K 576 OPERATIONALLY CHECK FIRE WARNING OR OVERHEAT DETECTION SYSTEMS
3.91 32.0 47.4 .0 37.9 39.3 37.0 45.7 42.2 4.35

112 13B(2). PERFORM FIRE DETECTION SYSTEM 28/18 3C 4C
OPERATIONAL CHECK

K 576 OPERATIONALLY CHECK FIRE WARNING OR OVERHEAT DETECTION SYSTEMS
3.91 32.0 47.4 .0 37.9 39.3 37.0 45.7 42.2 4.35

113 13B(3). PERFORM FIRE EXTINGUISHING SYSTEM 28/18 3C 4C
OPERATIONAL CHECK

K 575 OPERATIONALLY CHECK FIRE EXTINGUISHER OR SUPPRESSION SYSTEMS
.73 12.0 .0 .0 3.4 .0 .0 .0 2.8 4.78

STC 43121 FIRST-TERM AIRCRAFT GROUP COMPARISON

FCP602 PAGE 198

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

D TSK TITLES

X1 A-7 R71 R71 U-2 T- F- T- K1
TE FLT PER (M) (M) (M) (M) (F)
00*

121 13C11) SERVICE OXYGEN SYSTEM 28/18 4C 4C

I 441 SERVICE OXYGEN SYSTEMS WITH LIQUID OXYGEN 3.46 88.0 84.2 0.0 69.0 3.6 98.1 2.2 92.7 4.46
I 440 SERVICE OXYGEN SYSTEMS WITH HIGH PRESSURE GASEOUS 2.82 4.0 15.8 0.0 72.4 14.3 20.4 32.6 11.0 3.94
OXYGEN
I 442 SERVICE OXYGEN SYSTEMS WITH LOW PRESSURE GASEOUS 1.99 0.0 10.5 0.0 13.8 67.9 9.3 67.4 7.3 3.96
OXYGEN

122 13C12) SERVICE NITROGEN SYSTEM 28/- 3C 4C

123 13C13) SERVICE ENVIRONMENTAL SYSTEM 28/8 3C 4C

K 602 SERVICE AIR-CONDITIONING SYSTEMS .49 0.0 0.0 0.0 0.0 3.6 9.3 0.0 0.0 4.76
K 606 SERVICE WINDMILLED BURNER SYSTEMS .23 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 3.76
K 603 SERVICE AIRCRAFT MOUNTED AIR COMPRESSORS .39 0.0 0.0 0.0 0.0 0.0 1.9 0.0 0.0 4.53

124 13D11) PURGE OXYGEN SYSTEM 18/4 3B 4C

K 585 PURGE LIQUID OXYGEN SYSTEMS 2.37 36.0 21.1 0.0 10.3 0.0 57.4 2.2 25.7 4.92
K 584 PURGE GASEOUS OXYGEN SYSTEMS 1.74 2.0 0.0 0.0 21.4 80.7 7.4 87.0 7.3 4.77

125 13D12) PURGE NITROGEN SYSTEM 18/- 3B 4C

126 13E11) DRAIN OXYGEN SYSTEM 18/4 3C 4C

127 13E12) DRAIN NITROGEN SYSTEM 18/- 3B 4C

128 13F) REMOVE UTILITY SYSTEM COMPONENTS 28/- 3C 4C
SUCH AS DUCTS, VALVES, AND DEHUMIDIFIERS

K 595 REMOVE OR INSTALL OXYGEN REGULATORS 1.66 0.0 0.0 0.0 3.4 21.4 7.4 8.7 0.3 4.55
K 586 REMOVE OR INSTALL AIR-CONDITIONING SYSTEM COMPONENTS 1.11 0.0 0.0 0.0 3.4 10.7 22.2 6.5 7.3 5.74

| OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX | | | | | | | | | | | | |
|--|--|------------|------|------|------|------|------|------|------|-----|------|-----|
| FCP602 PAGE 149 | | | | | | | | | | | | |
| SYS 431X1 FIRST-TEAM AIRCRAFT GROUP COMPARISON | | | | | | | | | | | | |
| D TASK | TITLES | X1 | A-7 | R71 | P71 | U-2 | T- | F- | T- | X1 | 37 | 7D |
| | | YE | (M) | (M) | (M) | (M) | (M) | (M) | (M) | (M) | (M) | (F) |
| M 593 | REMOVE OR INSTALL GASEOUS OXYGEN BOTTLES | 1.09 | 12.0 | .0 | .0 | 6.9 | 35.7 | 3.7 | 17.4 | .0 | 4.46 | |
| M 599 | REMOVE OR INSTALL WINDSHIELD WASH REMOVAL SYSTEM COMPONENTS | .72 | 8.0 | .0 | 12.5 | .0 | .0 | 9.3 | .0 | .9 | 5.00 | |
| M 598 | REMOVE OR INSTALL WINDSHIELD DEFOG SYSTEM COMPONENTS | .65 | .0 | .0 | 12.5 | 3.4 | 3.6 | 7.4 | .0 | 5.5 | 4.90 | |
| M 341 | REMOVE OR INSTALL LEADING EDGE BLEED AIR DUCTS | .56 | 4.0 | .0 | .0 | .0 | .0 | 9.3 | .0 | .9 | 6.47 | |
| M 601 | REMOVE OR INSTALL WINDSHIELD WIPER SYSTEM COMPONENTS | .25 | .0 | .0 | .0 | .0 | 3.6 | .0 | .0 | .0 | 4.39 | |
| M 600 | REMOVE OR INSTALL WINDSHIELD WASHER SYSTEM COMPONENTS | .20 | 4.0 | .0 | .0 | 3.4 | .0 | 1.9 | .0 | .0 | 4.67 | |
| M 588 | REMOVE OR INSTALL DEFICING SYSTEM COMPONENTS | .19 | 4.0 | .0 | .0 | .0 | .0 | 11.1 | .0 | .0 | 5.69 | |
| ----- | | | | | | | | | | | | |
| 129 | 136. REMOVE LOX CONVERTERS | 28/- 3C 4C | | | | | | | | | | |
| ----- | | | | | | | | | | | | |
| M 594 | REMOVE OR INSTALL LIQUID OXYGEN CONVERTERS | 3.63 | 72.0 | 5.3 | .0 | 3.4 | .0 | 51.9 | .0 | 6.4 | 4.14 | |
| ----- | | | | | | | | | | | | |
| 130 | 13M. INSTALL UTILITY SYSTEM COMPONENTS SUCH AS DUCTS, VALVES, AND DEMULDER SYSTEMS | 28/- 3C 4C | | | | | | | | | | |
| ----- | | | | | | | | | | | | |
| M 595 | REMOVE OR INSTALL OXYGEN REGULATORS | 1.66 | 4.0 | .0 | .0 | 3.4 | 21.4 | 7.4 | 8.7 | 8.3 | 4.55 | |
| M 586 | REMOVE OR INSTALL AIR-CONDITIONING SYSTEM COMPONENTS | 1.11 | .0 | .0 | .0 | 3.4 | 10.7 | 22.2 | 6.3 | 7.3 | 3.78 | |
| M 593 | REMOVE OR INSTALL GASEOUS OXYGEN BOTTLES | 1.09 | 12.0 | .0 | .0 | 6.9 | 35.7 | 3.7 | 17.4 | .0 | 4.46 | |
| M 599 | REMOVE OR INSTALL WINDSHIELD WASH REMOVAL SYSTEM COMPONENTS | .72 | 8.0 | .0 | 12.5 | .0 | .0 | 9.3 | .0 | .9 | 5.00 | |
| M 598 | REMOVE OR INSTALL WINDSHIELD DEFOG SYSTEM COMPONENTS | .65 | .0 | .0 | 12.5 | 3.4 | 3.6 | 7.4 | .0 | 5.5 | 4.90 | |
| M 341 | REMOVE OR INSTALL LEADING EDGE BLEED AIR DUCTS | .56 | 4.0 | .0 | .0 | .0 | .0 | 9.3 | .0 | .9 | 6.47 | |
| M 601 | REMOVE OR INSTALL WINDSHIELD WIPER SYSTEM COMPONENTS | .25 | .0 | .0 | .0 | .0 | 3.6 | .0 | .0 | .0 | 4.39 | |
| M 600 | REMOVE OR INSTALL WINDSHIELD WASHER SYSTEM COMPONENTS | .20 | 4.0 | .0 | .0 | 3.4 | .0 | 1.9 | .0 | .0 | 4.67 | |
| M 588 | REMOVE OR INSTALL DEFICING SYSTEM COMPONENTS | .19 | 4.0 | .0 | .0 | .0 | .0 | 11.1 | .0 | .0 | 5.69 | |
| ----- | | | | | | | | | | | | |
| 131 | 131. INSTALL LOX CONVERTERS | 28/- 3C 4C | | | | | | | | | | |
| ----- | | | | | | | | | | | | |
| M 594 | REMOVE OR INSTALL LIQUID OXYGEN CONVERTERS | 3.63 | 72.0 | 5.3 | .0 | 3.4 | .0 | 51.9 | .0 | 6.4 | 4.14 | |
| ----- | | | | | | | | | | | | |
| 132 | 13J11. TROUBLESHOOT OVERHEAT WARNING SYSTEM | - - 3C | | | | | | | | | | |
| ----- | | | | | | | | | | | | |
| M 267 | INTERPRET SYSTEM SCHEMATICS | 1.77 | 4.0 | .3 | .0 | 10.3 | 21.4 | 13.0 | 2.2 | 3.7 | 6.82 | |
| M 266 | INTERPRET SYSTEM LAYOUT DRAWINGS OR BLUEPRINTS | .91 | 4.0 | 10.5 | 12.5 | 27.6 | 7.1 | 9.3 | 2.2 | 2.8 | 6.69 | |
| M 265 | INTERPRET SYSTEM GRAPHS OR CHARTS | .85 | 4.0 | 5.3 | 12.5 | 6.9 | 3.6 | 7.4 | .0 | 2.8 | 5.78 | |

STS 031X1 FIRST-YEAR AIRCRAFT GROUP COMPARISON

FCP602 PAGE 150

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

| | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| X1 | A-7 | R71 | P71 | U-2 | T- | F- | T- | T- |
| YE | (M) | FLY | PDR | (M) | 33 | 106 | 37 | 38 |
| *D* | (M) | (M) | (M) | (M) | (M) | (M) | (M) | (F) |

| TITLES | MSL 0 |
|--------|-------|
|--------|-------|

| 133 | 13J(2). | TROUBleshoot FIRE DETECTION | - | - | 3C |
|-----|---------|-----------------------------|---|---|----|
| | | SYSTEM | | | |

| | | | | |
|-----|--|---|---|----|
| 134 | 13J431. TROUBLESNOOT FIRE EXTINGUISHING SYSTEM | - | - | 3C |
|-----|--|---|---|----|

| | | | | |
|-----|--|---|---|----|
| 135 | 13J(4). TROUBLESHOOT AIR CONDITIONING SYSTEM | - | - | 3C |
|-----|--|---|---|----|

N 565 ISOLATE AIR-CONDITIONING SYSTEM MALFUNCTIONS

| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 | 121 | 122 | 123 | 124 | 125 | 126 | 127 | 128 | 129 | 130 | 131 | 132 | 133 | 134 | 135 | 136 | 137 | 138 | 139 | 140 | 141 | 142 | 143 | 144 | 145 | 146 | 147 | 148 | 149 | 150 | 151 | 152 | 153 | 154 | 155 | 156 | 157 | 158 | 159 | 160 | 161 | 162 | 163 | 164 | 165 | 166 | 167 | 168 | 169 | 170 | 171 | 172 | 173 | 174 | 175 | 176 | 177 | 178 | 179 | 180 | 181 | 182 | 183 | 184 | 185 | 186 | 187 | 188 | 189 | 190 | 191 | 192 | 193 | 194 | 195 | 196 | 197 | 198 | 199 | 200 | 201 | 202 | 203 | 204 | 205 | 206 | 207 | 208 | 209 | 210 | 211 | 212 | 213 | 214 | 215 | 216 | 217 | 218 | 219 | 220 | 221 | 222 | 223 | 224 | 225 | 226 | 227 | 228 | 229 | 230 | 231 | 232 | 233 | 234 | 235 | 236 | 237 | 238 | 239 | 240 | 241 | 242 | 243 | 244 | 245 | 246 | 247 | 248 | 249 | 250 | 251 | 252 | 253 | 254 | 255 | 256 | 257 | 258 | 259 | 260 | 261 | 262 | 263 | 264 | 265 | 266 | 267 | 268 | 269 | 270 | 271 | 272 | 273 | 274 | 275 | 276 | 277 | 278 | 279 | 280 | 281 | 282 | 283 | 284 | 285 | 286 | 287 | 288 | 289 | 290 | 291 | 292 | 293 | 294 | 295 | 296 | 297 | 298 | 299 | 300 | 301 | 302 | 303 | 304 | 305 | 306 | 307 | 308 | 309 | 310 | 311 | 312 | 313 | 314 | 315 | 316 | 317 | 318 | 319 | 320 | 321 | 322 | 323 | 324 | 325 | 326 | 327 | 328 | 329 | 330 | 331 | 332 | 333 | 334 | 335 | 336 | 337 | 338 | 339 | 340 | 341 | 342 | 343 | 344 | 345 | 346 | 347 | 348 | 349 | 350 | 351 | 352 | 353 | 354 | 355 | 356 | 357 | 358 | 359 | 360 | 361 | 362 | 363 | 364 | 365 | 366 | 367 | 368 | 369 | 370 | 371 | 372 | 373 | 374 | 375 | 376 | 377 | 378 | 379 | 380 | 381 | 382 | 383 | 384 | 385 | 386 | 387 | 388 | 389 | 390 | 391 | 392 | 393 | 394 | 395 | 396 | 397 | 398 | 399 | 400 | 401 | 402 | 403 | 404 | 405 | 406 | 407 | 408 | 409 | 410 | 411 | 412 | 413 | 414 | 415 | 416 | 417 | 418 | 419 | 420 | 421 | 422 | 423 | 424 | 425 | 426 | 427 | 428 | 429 | 430 | 431 | 432 | 433 | 434 | 435 | 436 | 437 | 438 | 439 | 440 | 441 | 442 | 443 | 444 | 445 | 446 | 447 | 448 | 449 | 450 | 451 | 452 | 453 | 454 | 455 | 456 | 457 | 458 | 459 | 460 | 461 | 462 | 463 | 464 | 465 | 466 | 467 | 468 | 469 | 470 | 471 | 472 | 473 | 474 | 475 | 476 | 477 | 478 | 479 | 480 | 481 | 482 | 483 | 484 | 485 | 486 | 487 | 488 | 489 | 490 | 491 | 492 | 493 | 494 | 495 | 496 | 497 | 498 | 499 | 500 | 501 | 502 | 503 | 504 | 505 | 506 | 507 | 508 | 509 | 510 | 511 | 512 | 513 | 514 | 515 | 516 | 517 | 518 | 519 | 520 | 521 | 522 | 523</ |
|--|---|---|---|---|---|---|---|---|---|---|-----|-------|
|--|---|---|---|---|---|---|---|---|---|---|-----|-------|

136 13J(5). TROUBLESHOOT DRYDEN SYSTEM 3C

| | | | | |
|-----|--|---|---|----|
| 137 | 13J(6). TROUBLESHOOT PRESSURIZATION SYSTEM | - | - | 3C |
|-----|--|---|---|----|

N 567 ISOLATE PRESSURIZATION SYSTEM MALFUNCTIONS

| | | | | | | | | |
|-----|----|----|-----|------|------|----|----|------|
| .67 | .0 | .0 | 3.4 | 10.7 | 11.1 | .0 | .0 | 6.33 |
|-----|----|----|-----|------|------|----|----|------|

130 13J171. TROUBLESHOOT RAIN REMOVAL SYSTEM - 2 - JC

| | | | | |
|-----|--|---|---|----|
| 139 | 13J18). TROUBLESHOOT WINDSHIELD WIPER SYSTEM | - | - | 3C |
|-----|--|---|---|----|

140 13J(9). TROUBLESHOOT BLEED AIR SYSTEM - - JC

408 134101-74000239007 4477-7C140 545724-36

N 566 ISOLATE DEFICING SYSTEM MALFUNCTIONS

[illegible]

STS 43121 FIRST-TERM AIRCRAFT GROUP COMPARISON

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

FCP602 PAGE 151

| DTK | TITLES | X1 | A-7 | P71 | P71 | U-2 | T- | F- | T- | X1 |
|-----|--|------|------|------|-----|-----|------|------|------|------|
| | | 7E | (M) | (M) | FLY | (M) | (M) | 33 | 106 | 37 |
| | | 400 | | | | | | (M) | (M) | (M) |
| 192 | 13K(11). INSPECT OVERHEAT WARNING SYSTEM 28/18 JC 4C | | | | | | | | | |
| | | 4.12 | 32.0 | 42.1 | | 0.0 | 44.8 | 50.0 | 53.7 | 52.2 |
| | | | | | | | | | | 4.73 |
| 193 | 13K(12). INSPECT FIRE DETECTION SYSTEM 28/18 JC 4C | | | | | | | | | |
| | | 4.12 | 32.0 | 42.1 | | 0.0 | 44.8 | 50.0 | 53.7 | 52.2 |
| | | | | | | | | | | 4.73 |
| 194 | 13K(13). INSPECT FIRE EXTINGUISHING SYSTEM 28/18 JC 4C | | | | | | | | | |
| | | 1.65 | 16.0 | 5.3 | | 0.0 | 6.9 | 0.0 | 3.6 | 4.3 |
| | | | | | | | | | | 4.31 |
| 195 | 13K(14). INSPECT AIR CONDITIONING SYSTEM 28/18 JC 4C | | | | | | | | | |
| | | 1.93 | 4.0 | 15.8 | | 0.0 | 10.3 | 23.0 | 16.7 | 21.7 |
| | | | | | | | | | | 4.93 |
| 196 | 13K(15). INSPECT OXYGEN SYSTEM 28/18 JC 4C | | | | | | | | | |
| | | 3.56 | 60.0 | 47.4 | | 0.0 | 34.3 | 0.0 | 81.1 | 0.0 |
| | | 1.94 | 16.0 | 15.8 | | 0.0 | 27.6 | 53.6 | 5.6 | 65.2 |
| | | | | | | | | | | 3.7 |
| | | | | | | | | | | 4.41 |
| 197 | 13K(16). INSPECT PRESSURIZATION SYSTEM 28/18 JC 4C | | | | | | | | | |
| | | 0.54 | 4.0 | 0.0 | | 0.0 | 0.0 | 0.0 | 1.9 | 0.0 |
| | | | | | | | | | | 1.8 |
| | | | | | | | | | | 4.62 |
| 198 | 13K(17). INSPECT RAIN REMOVAL SYSTEM 28/18 JC 4C | | | | | | | | | |
| | | 1.64 | 4.0 | 31.6 | | 0.0 | 3.4 | 7.1 | 18.5 | 0.0 |
| | | | | | | | | | | 3.7 |
| | | | | | | | | | | 4.26 |
| 199 | 13K(18). INSPECT WINDSHIELD WIPER SYSTEM 28/18 JC 4C | | | | | | | | | |
| | | 0.37 | 0.0 | 0.0 | | 0.0 | 0.0 | 5.6 | 0.0 | 0.0 |
| | | | | | | | | | | 1.8 |
| | | | | | | | | | | 4.09 |

192 13K(11). INSPECT OVERHEAT WARNING SYSTEM 28/18 JC 4C

193 13K(12). INSPECT FIRE DETECTION SYSTEM 28/18 JC 4C

194 13K(13). INSPECT FIRE EXTINGUISHING SYSTEM 28/18 JC 4C

195 13K(14). INSPECT AIR CONDITIONING SYSTEM 28/18 JC 4C

196 13K(15). INSPECT OXYGEN SYSTEM 28/18 JC 4C

197 13K(16). INSPECT PRESSURIZATION SYSTEM 28/18 JC 4C

198 13K(17). INSPECT RAIN REMOVAL SYSTEM 28/18 JC 4C

199 13K(18). INSPECT WINDSHIELD WIPER SYSTEM 28/18 JC 4C

200 13K(19). INSPECT WINDSHIELD WIPER SYSTEM 28/18 JC 4C

| D TSM | TITLES | X1 | A-7 | R71 | R71 | U-2 | T- | F- | T- | X1 |
|-------|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | YE | (M) | FLY | PZR | (M) | (M) | 106 | 37 | 38 |
| | | *D* | (M) | (M) | (M) | (M) | (M) | (M) | (M) | (F) |

150 13M19). INSPECT BLEED AIR SYSTEM 28/1B 3C 4C

151 13M101. INSPECT ANTI-ICE SYSTEM 3C

| | | | | | | | | | | |
|--|------|-----|------|-----|------|------|------|-----|------|------|
| K 541 INSPECT WINDSHIELD DEFOG SYSTEMS | 1.71 | 0.0 | 15.8 | 0.0 | 31.0 | 14.3 | 9.3 | 6.5 | 27.5 | 4.36 |
| K 551 INSPECT DETING SYSTEMS | .54 | 0.0 | 0.0 | 0.0 | 0.0 | 3.6 | 14.8 | 6.5 | 5.3 | 6.81 |

152 14. FLIGHT CONTROL SYSTEMS

153 14B. FLIGHT CONTROL COMPONENTS AND SYSTEM A B C

154 14C. PERFORM OPERATIONAL CHECKS OF FLIGHT 28/8 3C 4C
 CONTROL SYSTEMS

| | | | | | | | | | | |
|--|------|------|-----|------|------|------|------|------|------|------|
| L 649 OPERATIONALLY CHECK FLAP SYSTEMS | 3.09 | 20.0 | 0.0 | 75.0 | 34.5 | 53.6 | 1.9 | 17.4 | 31.2 | 5.08 |
| L 653 OPERATIONALLY CHECK PRIMARY FLIGHT CONTROL SYSTEMS | 3.06 | 20.0 | 5.3 | 62.5 | 44.8 | 35.7 | 29.6 | 21.7 | 15.6 | 5.29 |
| L 655 OPERATIONALLY CHECK SPOTTER OR SPEED BRAKE SYSTEMS | 2.87 | 0.0 | 0.0 | 62.5 | 34.5 | 32.1 | 42.6 | 21.7 | 18.3 | 5.02 |
| L 644 MEASURE FLIGHT CONTROL SURFACE TRAVEL USING PROTRACTORS, TEMPLATES, OR RIBBING DEVICES | 2.82 | 0.0 | 0.0 | 62.5 | 27.6 | 46.4 | 25.9 | 6.5 | 7.3 | 5.63 |
| L 652 OPERATIONALLY CHECK FLIGHT CONTROL TRIM SYSTEMS | 2.82 | 20.0 | 5.3 | 75.0 | 27.6 | 50.0 | 33.3 | 19.6 | 14.7 | 5.21 |
| L 645 MEASURE FORCE FEEL OF STICKS OR COLUMNS | 1.30 | 0.0 | 0.0 | 62.5 | 13.8 | 5.6 | 20.4 | 0.0 | 3.7 | 5.58 |
| L 654 OPERATIONALLY CHECK SLAT SYSTEMS | 1.14 | 12.0 | 0.0 | 12.5 | 3.4 | 7.1 | 1.9 | 0.0 | 0.0 | 5.11 |
| L 630 PERFORM STAB DRIFT CHECKS | 1.06 | 0.0 | 0.0 | 12.5 | 3.4 | 0.0 | 3.7 | 0.0 | 4.6 | 4.29 |
| L 650 OPERATIONALLY CHECK FLIGHT CONTROL HYDRAULIC POWER PACKAGES | .96 | 4.0 | 0.0 | 0.0 | 0.0 | 7.1 | 11.1 | 0.0 | 2.8 | 5.38 |
| L 646 OPERATIONALLY CHECK ARTIFICIAL FEEL SYSTEMS | .87 | 4.0 | 0.0 | 12.5 | 3.4 | 3.6 | 16.7 | 0.0 | 3.7 | 5.62 |
| L 651 OPERATIONALLY CHECK FLIGHT CONTROL LOCKING MECHANISMS | .86 | 4.0 | 0.0 | 50.0 | 13.8 | 10.7 | 5.6 | 4.3 | 1.8 | 5.22 |
| L 656 OPERATIONALLY CHECK WING SWEEP SYSTEMS | .50 | 4.0 | 0.0 | 12.5 | 0.0 | 0.0 | 1.9 | 0.0 | 0.0 | 5.37 |
| L 647 OPERATIONALLY CHECK AUTOPILOT SYSTEMS | .34 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.9 | 0.0 | 1.8 | 5.67 |
| L 648 OPERATIONALLY CHECK BLC SYSTEMS | .32 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.7 | 0.0 | 0.0 | 5.26 |

155 14C. REMOVE FLIGHT CONTROL COMPONENTS 28/8 3C 4C
 SUCH AS SURFACES AND ACTUATORS

| | | | | | | | | | | |
|---|------|-----|-----|-------|------|------|------|-----|------|------|
| L 649 REMOVE OR INSTALL FLAPS | 3.31 | 4.0 | 0.0 | 100.0 | 41.4 | 32.1 | 3.7 | 4.7 | 23.9 | 6.02 |
| L 648 REMOVE OR INSTALL PRIMARY FLIGHT CONTROL SURFACES | 3.07 | 4.0 | 0.0 | 75.0 | 31.0 | 25.0 | 24.1 | 4.3 | 6.4 | 6.22 |

STS 431X1 FIRST-TERM AIRCRAFT GROUP COMPARISON

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

FCP602 PAGE 153

D TASK

TITLES

| X1 | A-7 | R71 | R71 | U-2 | T- | F- | T- | X1 |
|---|------|------|------|-------|------|------|------|------|
| TE | (M) | FLY | PER | (M) | (M) | (M) | (M) | TO |
| 40* | (M) | (M) | (M) | (M) | (M) | (M) | (M) | (F) |
| L 667 REMOVE OR INSTALL SPOILERS OR SPEED BRAKES | 2.93 | 4.0 | .0 | 50.0 | 24.1 | 46.4 | 40.7 | 6.5 |
| M 340 REMOVE OR INSTALL HORIZONTAL STABILIZERS | 2.22 | 4.0 | .0 | 12.5 | 13.8 | 46.4 | 7.4 | 2.2 |
| L 670 REMOVE OR INSTALL FLIGHT CONTROL CABLE TURN BUCKLES | 2.10 | 4.0 | .0 | 87.5 | 31.0 | 32.1 | 18.5 | .0 |
| L 668 REMOVE OR INSTALL FLIGHT CONTROL CABLE PULLEYS | 2.09 | 4.0 | .0 | 100.0 | 27.6 | 42.9 | 11.1 | .0 |
| L 667 REMOVE OR INSTALL FLIGHT CONTROL BUSHINGS OR BEARINGS | 2.03 | 4.0 | .0 | 62.5 | 24.1 | 28.6 | 9.3 | .0 |
| L 671 REMOVE OR INSTALL FLIGHT CONTROL CABLES | 2.02 | 4.0 | .0 | 100.0 | 31.0 | 35.7 | 9.3 | .0 |
| L 674 REMOVE OR INSTALL FLIGHT CONTROL PUSH PULL RODS | 2.01 | 4.0 | .0 | 75.0 | 34.5 | 60.7 | 16.7 | 2.2 |
| M 339 REMOVE OR INSTALL HORIZONTAL OR VERTICAL STABILIZER LEADING EDGES | 1.98 | 4.0 | 10.5 | .0 | 6.9 | 28.6 | 46.3 | 8.3 |
| M 368 REMOVE OR INSTALL VERTICAL STABILIZERS | 1.81 | 4.0 | 5.3 | 25.0 | 13.8 | 46.4 | 9.3 | 10.9 |
| L 666 REMOVE OR INSTALL FLIGHT CONTROL BELL CRANKS | 1.75 | 4.0 | .0 | 50.0 | 20.7 | 17.9 | 9.3 | .0 |
| L 661 REMOVE OR INSTALL FLAP CONTROL MECHANISM COMPONENTS | 1.74 | .0 | .0 | 75.0 | 24.1 | 32.1 | 1.9 | 2.2 |
| L 665 REMOVE OR INSTALL FLIGHT CONTROL ACTUATORS OTHER THAN | 1.64 | 4.0 | .0 | 62.5 | 20.7 | 17.9 | 31.5 | 17.4 |
| WING SWEEP ACTUATORS | | | | | | | | 1.8 |
| L 676 REMOVE OR INSTALL FLIGHT CONTROL TORQUE TUBES | 1.60 | .0 | .0 | 75.0 | 41.4 | 17.9 | 16.7 | 2.2 |
| L 679 REMOVE OR INSTALL GUST LOCKS | 1.31 | .0 | .0 | 12.5 | 31.7 | 32.1 | 1.9 | 43.5 |
| L 668 REMOVE OR INSTALL TRIM TABS | 1.20 | .0 | .0 | 62.5 | 13.8 | 32.1 | 1.9 | 23.9 |
| L 675 REMOVE OR INSTALL FLIGHT CONTROL SURFACE POSITION INDICATORS | .99 | .0 | .0 | 12.5 | 8.9 | 10.7 | 5.8 | .0 |
| L 669 REMOVE OR INSTALL FLIGHT CONTROL CABLE TENSION REGULATORS | .93 | .0 | .0 | 87.5 | 24.1 | 10.7 | 7.4 | .0 |
| L 672 REMOVE OR INSTALL FLIGHT CONTROL DRIVE MOTORS | .92 | .0 | .0 | 12.5 | .0 | 21.4 | 1.9 | 4.3 |
| L 666 REMOVE OR INSTALL SLATS | .86 | .0 | .0 | .0 | .0 | 3.6 | 1.9 | .0 |
| L 662 REMOVE OR INSTALL FLAP JACK SCREWS | .78 | 4.0 | .0 | 62.5 | 20.7 | 21.4 | .0 | .0 |
| L 657 REMOVE OR INSTALL ARTIFICIAL FEEL SYSTEM COMPONENTS | .69 | 16.0 | .0 | .0 | .0 | 3.6 | 14.8 | .0 |
| L 661 REMOVE OR INSTALL RUDDER DAMPERS | .63 | 4.0 | .0 | 12.5 | 3.4 | 10.7 | 5.8 | .0 |
| L 663 REMOVE OR INSTALL FLAP OR SLAT ASYMMETRY SYSTEM COMPONENTS | .52 | .0 | .0 | 12.5 | 10.3 | 3.6 | .0 | .0 |
| L 673 REMOVE OR INSTALL FLIGHT CONTROL GEAR BOXES | .49 | .0 | .0 | 25.0 | 3.4 | 10.7 | 3.7 | .0 |
| L 664 REMOVE OR INSTALL SLAT CONTROL MECHANISM COMPONENTS | .42 | .0 | .0 | .0 | .0 | 7.1 | .0 | .0 |
| L 677 REMOVE OR INSTALL FLIGHT CONTROL UNIVERSAL JOINTS | .42 | .0 | .0 | 75.0 | 31.0 | 10.7 | 1.9 | .0 |
| L 663 REMOVE OR INSTALL SLAT CARRIAGE ASSEMBLY COMPONENTS | .28 | .0 | .0 | .0 | .0 | 3.6 | .0 | .0 |
| L 662 REMOVE OR INSTALL SLAT BRAKE SYSTEMS COMPONENTS | .24 | .0 | .0 | .0 | .0 | .0 | 1.9 | .0 |
| L 658 REMOVE OR INSTALL BLC VALVE LINKAGE | .22 | .0 | .0 | .0 | .0 | .0 | 1.9 | .0 |
| L 685 REMOVE OR INSTALL SLAT JACK SCREWS | .17 | .0 | .0 | .0 | 3.4 | 3.6 | 1.9 | .0 |
| L 689 REMOVE OR INSTALL WING SWEEP ACTUATORS | .12 | .0 | .0 | .0 | .0 | .0 | 1.9 | .0 |
| L 678 REMOVE OR INSTALL GUST DAMPERS | .12 | .0 | .0 | .0 | 3.4 | 7.1 | .0 | .0 |

156 140. INSTALL FLIGHT CONTROL COMPONENTS 28/A 3C 4C
SUCH AS SURFACES AND ACTUATORS

| | | | | | | | | |
|---|------|-----|----|-------|------|------|------|-----|
| L 664 REMOVE OR INSTALL FLAPS | 3.31 | 4.0 | .0 | 100.0 | 41.4 | 32.1 | 3.7 | 8.7 |
| L 680 REMOVE OR INSTALL PRIMARY FLIGHT CONTROL SURFACES | 3.07 | 4.0 | .0 | 75.0 | 31.0 | 29.0 | 24.1 | 4.3 |
| L 687 REMOVE OR INSTALL SPOILERS OR SPEED BRAKES | 2.63 | 4.0 | .0 | 50.0 | 24.1 | 46.4 | 40.7 | 6.5 |
| M 340 REMOVE OR INSTALL HORIZONTAL STABILIZERS | 2.22 | 4.0 | .0 | 12.5 | 13.8 | 46.4 | 7.4 | 2.2 |
| L 670 REMOVE OR INSTALL FLIGHT CONTROL CABLE TURN BUCKLES | 2.10 | 4.0 | .0 | 87.5 | 31.0 | 32.1 | 18.5 | .0 |
| L 668 REMOVE OR INSTALL FLIGHT CONTROL CABLE PULLEYS | 2.09 | 4.0 | .0 | 100.0 | 27.6 | 42.9 | 11.1 | .0 |
| L 667 REMOVE OR INSTALL FLIGHT CONTROL BUSHINGS OR BEARINGS | 2.03 | 4.0 | .0 | 62.5 | 24.1 | 28.6 | 9.3 | .0 |

| | | | | | | | | |
|---|------|-----|----|------|------|------|-----|----|
| L 667 REMOVE OR INSTALL FLIGHT CONTROL BUSHINGS OR BEARINGS | 2.03 | 4.0 | .0 | 62.5 | 24.1 | 28.6 | 9.3 | .0 |
|---|------|-----|----|------|------|------|-----|----|

SYNOPSIS FIRST-TERM AIRCRAFT GROUP COMPARISON

FCP602 PAGE 154

OCCUPATIONAL ANALYSIS PROGRAM
USAFONC (ATC) PANDOLPH AFB TX

TITLES

| D TSK | X1
TE | A-7
(M) | FLY
(M) | R71
(M) | PER
(M) | U-2
(M) | T-33
(M) | F-106
(M) | T-37
(M) | T-38
(M) | X1
TD
(F) |
|---|----------|------------|------------|------------|------------|------------|-------------|--------------|-------------|-------------|-----------------|
| L 671 REMOVE OR INSTALL FLIGHT CONTROL CABLES | 2.02 | 4.0 | 0.0 | 100.0 | 31.0 | 35.7 | 9.3 | 2.2 | 6.4 | 6.19 | |
| L 674 REMOVE OR INSTALL FLIGHT CONTROL PUSH PULL RODS | 2.01 | 4.0 | 0.0 | 75.0 | 34.5 | 50.7 | 16.7 | 2.2 | 7.3 | 5.74 | |
| M 339 REMOVE OR INSTALL HORIZONTAL OR VERTICAL STABILIZER | 1.98 | 4.0 | 10.5 | 0.0 | 6.9 | 28.6 | 46.3 | 4.3 | 19.3 | 5.65 | |
| LEADING EDGES | | | | | | | | | | | |
| M 368 REMOVE OR INSTALL VERTICAL STABILIZERS | 1.81 | 4.0 | 5.3 | 25.0 | 13.8 | 46.4 | 9.3 | 10.9 | 7.3 | 6.82 | |
| L 686 REMOVE OR INSTALL FLIGHT CONTROL BELL CRANKS | 1.75 | 4.0 | 0.0 | 50.0 | 20.7 | 17.9 | 9.3 | 0.0 | 4.6 | 6.03 | |
| L 681 REMOVE OR INSTALL FLAP CONTROL MECHANISM COMPONENTS | 1.74 | 0.0 | 0.0 | 75.0 | 24.1 | 32.1 | 1.9 | 2.2 | 2.8 | 6.16 | |
| L 685 REMOVE OR INSTALL FLIGHT CONTROL ACTUATORS OTHER THAN | 1.64 | 4.0 | 0.0 | 62.5 | 20.7 | 17.9 | 31.5 | 17.6 | 1.8 | 6.33 | |
| WING SWEEP ACTUATORS | | | | | | | | | | | |
| L 676 REMOVE OR INSTALL FLIGHT CONTROL TORQUE TUBES | 1.60 | 0.0 | 0.0 | 75.0 | 41.4 | 17.9 | 16.7 | 2.2 | 0.9 | 5.66 | |
| L 679 REMOVE OR INSTALL GUST LOCKS | 1.31 | 0.0 | 0.0 | 12.5 | 51.7 | 32.1 | 1.9 | 43.5 | 2.8 | 4.19 | |
| L 688 REMOVE OR INSTALL TRIM TABS | 1.20 | 0.0 | 0.0 | 62.5 | 13.8 | 32.1 | 1.9 | 23.9 | 0.9 | 5.38 | |
| L 675 REMOVE OR INSTALL FLIGHT CONTROL SURFACE POSITION | 0.99 | 0.0 | 0.0 | 12.5 | 6.9 | 10.7 | 5.6 | 0.0 | 0.9 | 5.31 | |
| INDICATORS | | | | | | | | | | | |
| L 669 REMOVE OR INSTALL FLIGHT CONTROL CABLE TENSION | 0.93 | 0.0 | 0.0 | 87.5 | 24.1 | 10.7 | 7.4 | 0.0 | 1.8 | 6.14 | |
| REGULATORS | | | | | | | | | | | |
| L 672 REMOVE OR INSTALL FLIGHT CONTROL DRIVE MOTORS | 0.92 | 0.0 | 0.0 | 12.5 | 0.0 | 21.4 | 1.9 | 4.3 | 0.9 | 5.99 | |
| L 684 REMOVE OR INSTALL FLIGHT CONTROL DRIVE MOTORS | 0.86 | 0.0 | 0.0 | 0.0 | 0.0 | 3.6 | 1.9 | 0.0 | 0.0 | 6.20 | |
| L 662 REMOVE OR INSTALL FLAP JACK SCREWS | 0.78 | 4.0 | 0.0 | 62.5 | 20.7 | 21.4 | 0.0 | 0.0 | 2.8 | 6.06 | |
| L 657 REMOVE OR INSTALL ARTIFICIAL FEEL SYSTEM COMPONENTS | 0.69 | 16.0 | 0.0 | 0.0 | 0.0 | 3.6 | 16.8 | 0.0 | 1.8 | 5.65 | |
| L 681 REMOVE OR INSTALL RUDDER DAMPERS | 0.63 | 4.0 | 0.0 | 12.5 | 3.4 | 10.7 | 5.6 | 0.0 | 0.9 | 5.83 | |
| L 663 REMOVE OR INSTALL FLIGHT CONTROL SYSTEM COMPONENTS | 0.52 | 0.0 | 0.0 | 12.5 | 10.3 | 3.6 | 0.0 | 0.0 | 0.0 | 6.32 | |
| L 673 REMOVE OR INSTALL FLIGHT CONTROL GEAR BOXES | 0.49 | 0.0 | 0.0 | 25.0 | 3.4 | 10.7 | 3.7 | 0.0 | 13.8 | 6.32 | |
| L 684 REMOVE OR INSTALL FLIGHT CONTROL MECHANISM COMPONENTS | 0.42 | 0.0 | 0.0 | 0.0 | 0.0 | 7.1 | 0.0 | 0.0 | 0.0 | 6.09 | |
| L 677 REMOVE OR INSTALL FLIGHT CONTROL UNIVERSAL JOINTS | 0.42 | 0.0 | 0.0 | 75.0 | 31.0 | 10.7 | 1.9 | 0.0 | 0.0 | 5.59 | |
| L 683 REMOVE OR INSTALL FLIGHT CONTROL MECHANISM COMPONENTS | 0.28 | 0.0 | 0.0 | 0.0 | 0.0 | 3.6 | 0.0 | 0.0 | 0.0 | 5.89 | |
| L 685 REMOVE OR INSTALL FLIGHT CONTROL MECHANISM COMPONENTS | 0.24 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.9 | 0.0 | 0.0 | 5.90 | |
| L 682 REMOVE OR INSTALL FLIGHT CONTROL MECHANISM COMPONENTS | 0.22 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.9 | 0.0 | 0.0 | 5.88 | |
| L 686 REMOVE OR INSTALL SEC VALVE LINKAGE | 0.17 | 0.0 | 0.0 | 0.0 | 3.4 | 3.6 | 1.9 | 0.0 | 0.0 | 6.05 | |
| L 689 REMOVE OR INSTALL FLIGHT JACK SCREWS | 0.17 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.9 | 0.0 | 0.0 | 6.20 | |
| L 678 REMOVE OR INSTALL WING SWEEP ACTUATORS | 0.12 | 0.0 | 0.0 | 0.0 | 0.0 | 7.1 | 0.0 | 2.2 | 0.0 | 5.18 | |
| L 678 REMOVE OR INSTALL GUST DAMPERS | | | | | | | | | | | |

157 102. 916 FLIGHT CONTROL SYSTEMS 28/ 3C 4C

| | | | | | | | | | | | |
|---|------|-----|-----|-------|------|------|------|-----|-----|------|--|
| L 637 INSTALL OR REMOVE FLIGHT CONTROL RIG PINS | 2.93 | 0.0 | 0.0 | 87.5 | 44.8 | 32.1 | 31.5 | 0.0 | 8.3 | 4.28 | |
| L 614 ADJUST FLIGHT CONTROL CABLE TENSION | 2.52 | 0.0 | 0.0 | 100.0 | 27.6 | 39.3 | 13.0 | 0.0 | 7.3 | 6.15 | |
| L 624 CHECK FLIGHT CONTROL CABLE TENSIONS | 2.50 | 0.0 | 5.3 | 87.5 | 20.7 | 46.4 | 11.1 | 0.0 | 9.2 | 5.16 | |
| L 618 ADJUST FLIGHT CONTROL MECHANICAL STOPS | 2.39 | 0.0 | 0.0 | 87.5 | 27.6 | 28.6 | 16.7 | 0.0 | 4.6 | 5.79 | |
| L 611 ADJUST FLIGHT CONTROL ACTUATOR ROD ENDS | 2.38 | 0.0 | 0.0 | 87.5 | 31.0 | 35.7 | 25.9 | 0.0 | 4.6 | 5.73 | |
| L 619 ADJUST FLIGHT CONTROL PUSH PULL RODS | 2.35 | 0.0 | 0.0 | 100.0 | 27.6 | 42.9 | 24.1 | 0.0 | 6.4 | 5.85 | |
| L 620 ADJUST FLIGHT CONTROL TRIM ACTUATORS | 1.81 | 0.0 | 0.0 | 62.5 | 17.2 | 32.1 | 20.4 | 6.5 | 0.9 | 6.00 | |
| L 609 ADJUST FLIGHT CONTROL MECHANISMS | 1.84 | 0.0 | 0.0 | 75.0 | 27.6 | 28.6 | 1.9 | 2.2 | 5.5 | 6.06 | |
| L 612 ADJUST FLIGHT CONTROL ADJUSTABLE TABS | 1.58 | 0.0 | 0.0 | 87.5 | 20.7 | 32.1 | 11.1 | 6.5 | 0.0 | 5.59 | |
| L 615 ADJUST FLIGHT CONTROL FIXED TABS | 1.24 | 0.0 | 0.0 | 62.5 | 13.8 | 21.4 | 7.4 | 0.0 | 0.0 | 5.50 | |
| L 616 ADJUST FLIGHT CONTROL LIMIT SWITCHES | 1.20 | 0.0 | 0.0 | 37.5 | 17.2 | 7.1 | 13.0 | 0.0 | 0.9 | 5.97 | |
| L 613 ADJUST FLIGHT CONTROL ARTIFICIAL FEEL | 0.94 | 0.0 | 0.0 | 62.5 | 10.3 | 10.7 | 16.7 | 0.0 | 4.6 | 6.00 | |
| L 617 ADJUST FLIGHT CONTROL LOCKING MECHANISMS | 0.87 | 0.0 | 0.0 | 75.0 | 10.3 | 10.7 | 9.3 | 0.0 | 1.8 | 6.09 | |

STS 431X1 FIRST-TERM AIRCRAFT GROUP COMPARISON

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

PCP602 PAGE 155

| D TSK | TITLES | X1
TF
+0* | A-7
(M) | R71
FLT
(M) | R71
RQR
(M) | U-2
(M) | T-33
(M) | F-106
(M) | T-37
(M) | X1
T0
(F) |
|-------|--|-----------------|------------|-------------------|-------------------|------------|-------------|--------------|-------------|-----------------|
| L 610 | ADJUST FLAP OR SLAT ASYMMETRY SYSTEMS | .82 | .0 | .0 | .0 | 10.3 | 3.6 | 1.9 | .0 | 1.8 6.46 |
| L 608 | ADJUST FLAP CARRIAGE ASSEMBLIES | .64 | .0 | .0 | .0 | 6.9 | 10.7 | .0 | .0 | .0 6.04 |
| L 623 | ADJUST SLAT CONTROL MECHANISMS | .53 | .0 | .0 | .0 | .0 | 3.6 | 1.9 | .0 | .0 6.19 |
| L 692 | SYNCHRONIZE FLAP JACK SCREWS | .53 | .0 | .0 | 12.5 | 10.3 | 18.3 | .0 | .0 | .0 6.50 |
| L 622 | ADJUST SLAT CARRIAGE ASSEMBLIES | .35 | .0 | .0 | .0 | .0 | 3.6 | 1.9 | .0 | .0 6.10 |
| L 693 | SYNCHRONIZE SLAT JACK SCREWS | .17 | .0 | .0 | .0 | .0 | 7.1 | .0 | .0 | .0 6.64 |
| L 621 | ADJUST REGULATORS ON FLIGHT CONTROL BALANCE PANELS | .15 | .0 | .0 | .0 | 3.4 | .0 | 1.9 | .0 | .0 6.15 |

158 14F. TROUBLESHOOT FLIGHT CONTROL SYSTEMS - 28 3C

| | | | | | | | | | | |
|-------|--|------|----|------|------|------|------|------|-----|----------|
| L 640 | ISOLATE PRIMARY FLIGHT CONTROL SYSTEM MALFUNCTIONS | 1.93 | .0 | .0 | 50.0 | 17.2 | 28.6 | 7.4 | 4.3 | 6.4 7.00 |
| M 267 | INTERPRET SYSTEM SCHEMATICS | 1.77 | .0 | .0 | .0 | 10.3 | 21.4 | 13.0 | 2.2 | 3.7 6.82 |
| L 639 | ISOLATE FLIGHT CONTROL TRIM SYSTEM MALFUNCTIONS | 1.72 | .0 | .0 | 62.5 | 13.8 | 32.1 | 9.3 | 4.3 | 2.8 6.63 |
| L 638 | ISOLATE FLAP SYSTEM MALFUNCTIONS | 1.69 | .0 | .0 | 75.0 | 27.6 | 28.6 | 1.9 | 4.3 | 4.6 6.58 |
| M 266 | ISOLATE SPOILER OR SPEED BRAKE SYSTEM MALFUNCTIONS | 1.68 | .0 | .0 | 62.5 | 13.8 | 28.6 | 24.1 | 6.5 | 5.5 6.54 |
| M 268 | INTERPRET SYSTEM LAYOUT DRAWINGS OR BLUEPRINTS | .91 | .0 | 10.5 | 12.5 | 27.6 | 7.1 | 9.3 | 2.2 | 2.8 6.59 |
| M 265 | INTERPRET SYSTEM GRAPHS OR CHARTS | .85 | .0 | 5.3 | 12.5 | 6.9 | 3.6 | 7.4 | .0 | 2.8 5.78 |
| L 641 | ISOLATE SLAT SYSTEM MALFUNCTIONS | .56 | .0 | .0 | 12.5 | .0 | 7.1 | 1.9 | .0 | .0 6.57 |
| L 643 | ISOLATE WING SWEPT SYSTEM MALFUNCTIONS | .22 | .0 | .0 | 12.5 | .0 | .0 | .0 | .0 | .0 6.82 |

159 14G. LUBRICATE FLIGHT CONTROLS - 28/18 3C 3C

| | | | | | | | | | | |
|-------|-------------------------------|------|------|------|------|------|------|------|------|-----------|
| M 201 | LUBRICATE AIRCRAFT COMPONENTS | 6.73 | 96.0 | 89.5 | 50.0 | 89.7 | 75.0 | 79.6 | 78.3 | 68.8 4.32 |
|-------|-------------------------------|------|------|------|------|------|------|------|------|-----------|

160 14H. INSPECT FLIGHT CONTROL SYSTEMS - 28/18 3C 4C

| | | | | | | | | | | |
|-------|--|------|------|-----|------|------|------|------|------|-----------|
| L 629 | INSPECT FLAP SYSTEMS | 3.90 | 32.0 | .0 | 75.0 | 62.1 | 53.6 | 3.7 | 19.6 | 24.8 4.97 |
| L 633 | INSPECT PRIMARY FLIGHT CONTROL SYSTEMS | 3.82 | 28.0 | 9.3 | 62.5 | 35.2 | 53.6 | 35.2 | 23.9 | 18.3 5.21 |
| L 635 | INSPECT SPOILER OR SPEED BRAKE SYSTEMS | 3.67 | 36.0 | .0 | 62.5 | 58.6 | 50.0 | 61.1 | 30.4 | 30.3 4.89 |
| L 632 | INSPECT FLIGHT CONTROL TRIM SYSTEMS | 2.80 | 8.0 | .0 | 75.0 | 41.4 | 46.4 | 29.6 | 19.6 | 11.9 5.17 |
| L 634 | INSPECT SLAT SYSTEMS | 1.44 | 8.0 | .0 | 12.5 | 3.4 | 7.1 | 5.6 | .0 | .9 5.00 |
| L 630 | INSPECT FLIGHT CONTROL ARTIFICIAL FEEL SYSTEMS | 1.35 | 28.0 | .0 | 12.5 | 3.4 | 7.1 | 27.8 | .0 | 5.5 5.24 |
| L 631 | INSPECT FLIGHT CONTROL LOCKING MECHANISMS | 1.05 | 8.0 | .0 | 50.0 | 24.1 | 17.9 | 9.3 | 6.5 | 2.8 5.03 |
| L 636 | INSPECT WING SWEPT SYSTEMS | .84 | .0 | .0 | 12.5 | .0 | .0 | .0 | .0 | .9 4.86 |
| L 626 | INSPECT BLC DUCTS | .48 | 8.0 | .0 | .0 | 13.8 | .0 | 13.0 | .0 | 1.8 4.72 |
| L 627 | INSPECT BLC VALVES | .29 | 4.0 | .0 | .0 | .0 | .0 | 5.6 | .0 | .0 4.85 |
| L 625 | INSPECT AUTOPILOT SYSTEMS | .28 | .0 | .0 | .0 | 3.4 | .0 | 3.7 | .0 | 1.8 5.53 |
| L 628 | INSPECT BOOST ENGINE LOCKS | .02 | .0 | .0 | .0 | .0 | 3.6 | 3.7 | .0 | .0 5.04 |

161 15. PNEUMATIC SYSTEMS

| D TSK | TITLES | Y1 | A-7 | P71 | U-2 | F-33 | T-37 | X1 |
|-------|--|------|-------|------|------|------|------|------|
| | | TE | (M) | (M) | (M) | (M) | (M) | (F) |
| | | ED* | (M) | (M) | (M) | (M) | (M) | (F) |
| 162 | 15A. PNEUDRAULIC SYSTEM COMPONENTS AND SYSTEM OPERATION | | | | | | | |
| 163 | 15B(1). PERFORM HYDRAULIC SYSTEM OPERATIONAL CHECK | | | | | | | |
| | | | | | | | | |
| | M 717 OPERATIONALLY CHECK HYDRAULIC SYSTEM ACTUATORS | 2.91 | 20.0 | 10.5 | .0 | 17.2 | 32.1 | 42.6 |
| | M 719 OPERATIONALLY CHECK HYDRAULIC SYSTEM PUMPS | 2.18 | 4.0 | .0 | .0 | 19.3 | 24.1 | 6.5 |
| | M 720 OPERATIONALLY CHECK HYDRAULIC SYSTEM VALVES | 1.62 | 4.0 | .0 | .0 | 3.4 | 10.7 | 16.7 |
| | M 718 OPERATIONALLY CHECK HYDRAULIC SYSTEM POWER PACKS | .52 | 4.0 | .0 | .0 | .0 | 7.1 | 9.3 |
| 164 | 15B(2). PERFORM PNEUMATIC SYSTEM OPERATIONAL CHECK | | | | | | | |
| | | | | | | | | |
| | M 721 OPERATIONALLY CHECK PNEUMATIC SYSTEM VALVES | 1.05 | 8.0 | .0 | .0 | 3.6 | 18.5 | .0 |
| 165 | 15C(1). SERVICE HYDRAULIC SYSTEM | | | | | | | |
| | | | | | | | | |
| | I 439 SERVICE HYDRAULIC SYSTEMS | 7.01 | 100.0 | 84.2 | .0 | 58.6 | 89.3 | 87.0 |
| | I 385 BLEED HYDRAULIC SYSTEMS | 5.55 | 88.0 | 57.9 | 25.0 | 81.4 | 57.1 | 81.5 |
| | P 827 OPERATIONALLY CHECK HYDRAULIC SERVICING CARTS | 3.61 | 28.0 | 26.3 | .0 | 24.1 | 17.9 | 44.4 |
| 166 | 15C(2). SERVICE PNEUMATIC SYSTEM | | | | | | | |
| | | | | | | | | |
| | I 443 SERVICE PNEUMATIC SYSTEMS | 5.51 | 68.0 | 63.2 | .0 | 34.5 | 32.1 | 94.4 |
| | I 386 BLEED PNEUMATIC SYSTEMS | 4.04 | 52.0 | 21.1 | .0 | 13.8 | 7.1 | 75.0 |
| 167 | 15C(3). SERVICE ACCUMULATOR | | | | | | | |
| | | | | | | | | |
| | M 737 SERVICE HYDRAULIC SYSTEM ACCUMULATORS | 3.88 | 82.0 | 82.1 | .0 | 31.0 | 35.7 | 59.3 |
| | M 738 SERVICE PNEUMATIC SYSTEM ACCUMULATORS | 2.75 | 48.0 | 36.8 | .0 | 13.8 | 3.6 | 50.0 |
| | L 691 SERVICE RUDDER DAMPERS | .63 | 18.0 | .0 | .0 | .0 | 10.7 | 1.9 |
| 168 | 15D. REMOVE PNEUDRAULIC SYSTEM COMPONENTS SUCH AS ACTUATORS, ACCUMULATORS, AND FILTERS | | | | | | | |
| | | | | | | | | |
| | M 739 SERVICE HYDRAULIC SYSTEM COMPONENTS | 3.88 | 82.0 | 82.1 | .0 | 31.0 | 35.7 | 59.3 |
| | M 738 SERVICE PNEUMATIC SYSTEM COMPONENTS | 2.75 | 48.0 | 36.8 | .0 | 13.8 | 3.6 | 50.0 |
| | L 691 SERVICE RUDDER DAMPERS | .63 | 18.0 | .0 | .0 | .0 | 10.7 | 1.9 |
| 169 | 15D. REMOVE PNEUDRAULIC SYSTEM COMPONENTS SUCH AS ACTUATORS, ACCUMULATORS, AND FILTERS | | | | | | | |
| | | | | | | | | |
| | M 739 SERVICE HYDRAULIC SYSTEM COMPONENTS | 3.88 | 82.0 | 82.1 | .0 | 31.0 | 35.7 | 59.3 |
| | M 738 SERVICE PNEUMATIC SYSTEM COMPONENTS | 2.75 | 48.0 | 36.8 | .0 | 13.8 | 3.6 | 50.0 |
| | L 691 SERVICE RUDDER DAMPERS | .63 | 18.0 | .0 | .0 | .0 | 10.7 | 1.9 |

STS 431X1 FIRST-TER" AIRCRAFT GROUP COMPARISON

FCP602 PAGE 157
OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

D. TASK

TITLES

| X1 | A-7 | P71 | P71 | U-2 | T- | F- | T- | T- | X1 |
|------|------|------|-----|------|------|------|------|------|------|
| TF | (M) | (M) | (M) | (M) | (M) | (M) | (M) | (M) | (F) |
| 4.32 | 52.0 | 10.5 | .0 | 20.7 | 39.3 | 51.9 | 28.3 | 26.6 | 3.71 |
| 2.28 | 12.0 | .0 | .0 | 3.4 | 21.4 | 38.9 | 2.2 | 16.5 | 4.51 |
| 1.97 | 24.0 | .0 | .0 | .0 | 10.7 | 38.9 | 6.5 | .9 | 4.53 |
| 1.68 | 4.0 | .0 | .0 | .0 | 16.3 | 29.6 | 2.2 | .0 | 5.07 |
| 1.43 | .0 | .0 | .0 | .0 | 7.1 | 16.7 | 4.3 | .9 | 4.43 |
| 1.29 | .0 | .0 | .0 | 3.4 | 7.1 | 24.1 | 2.2 | .9 | 4.98 |
| 1.20 | .0 | .0 | .0 | 3.4 | 3.6 | 24.1 | .0 | .0 | 4.98 |
| 1.18 | .0 | .0 | .0 | .0 | .0 | 1.9 | .0 | .0 | 4.44 |
| .93 | .0 | .0 | .0 | 3.4 | 3.6 | 16.7 | .0 | .9 | 5.13 |
| .87 | .0 | .0 | .0 | .0 | 3.6 | 24.1 | .0 | 2.8 | 4.42 |
| .85 | .0 | .0 | .0 | .0 | .0 | 5.6 | .0 | .0 | 4.46 |
| .63 | .0 | .0 | .0 | 3.4 | 3.6 | 16.7 | .0 | .0 | 4.87 |
| .32 | .0 | .0 | .0 | .0 | 14.3 | 5.6 | .0 | .9 | 5.12 |
| .28 | .0 | .0 | .0 | .0 | 3.6 | 1.9 | .0 | 1.8 | 5.47 |

MECHANICAL COMPONENTS

M 726 REMOVE OR INSTALL HYDRAULIC SYSTEM POWER PACKS

169 152. INSTALL PNEUMATIC SYSTEM 287-3C 4C

COMPONENTS

| | | | | | | | | | | |
|--|------|------|------|----|------|------|------|------|------|------|
| M 735 REMOVE OR INSTALL SCHRAEDER VALVES | 4.32 | 52.0 | 10.5 | .0 | 20.7 | 39.3 | 51.9 | 28.3 | 26.6 | 3.71 |
| M 724 REMOVE OR INSTALL HYDRAULIC SYSTEM FILTERS | 2.28 | 12.0 | .0 | .0 | 3.4 | 21.4 | 38.9 | 2.2 | 16.5 | 4.51 |
| M 722 REMOVE OR INSTALL ACCUMULATOR PRESSURE GAUGES | 1.97 | 24.0 | .0 | .0 | .0 | 10.7 | 38.9 | 6.5 | .9 | 4.53 |
| M 723 REMOVE OR INSTALL HYDRAULIC SYSTEM ACCUMULATORS | 1.68 | 4.0 | .0 | .0 | .0 | 14.3 | 29.6 | 2.2 | .0 | 5.07 |
| M 727 REMOVE OR INSTALL HYDRAULIC SYSTEM STIMT GROUES | 1.43 | .0 | .0 | .0 | .0 | 7.1 | 16.7 | 4.3 | .9 | 4.43 |
| M 730 REMOVE OR INSTALL PNEUMATIC SYSTEM AIR BOTTLES | 1.29 | .0 | .0 | .0 | 3.4 | 7.1 | 24.1 | 2.2 | .9 | 4.98 |
| M 728 REMOVE OR INSTALL PNEUMATIC SYSTEM ACCUMULATORS | 1.20 | .0 | .0 | .0 | 3.4 | 3.6 | 24.1 | .0 | .0 | 4.98 |
| M 731 REMOVE OR INSTALL PNEUMATIC SYSTEM ACTUATORS | 1.18 | .0 | .0 | .0 | .0 | .0 | 1.9 | .0 | .0 | 4.44 |
| M 729 REMOVE OR INSTALL PNEUMATIC SYSTEM ACTUATORS | .93 | .0 | .0 | .0 | 3.4 | 3.6 | 16.7 | .0 | .9 | 5.13 |
| M 733 REMOVE OR INSTALL PNEUMATIC SYSTEM FILTERS | .87 | .0 | .0 | .0 | .0 | 3.6 | 24.1 | .0 | 2.8 | 4.42 |
| M 732 REMOVE OR INSTALL PNEUMATIC SYSTEM DEHYDRATORS | .85 | .0 | .0 | .0 | .0 | .0 | 5.6 | .0 | .0 | 4.46 |
| M 734 REMOVE OR INSTALL PNEUMATIC SYSTEM VALVES | .63 | .0 | .0 | .0 | 3.4 | 3.6 | 16.7 | .0 | .0 | 4.87 |
| M 725 REMOVE OR INSTALL HYDRAULIC SYSTEM GROUND TEST VALVE | .32 | .0 | .0 | .0 | .0 | 14.3 | 5.6 | .0 | .9 | 5.12 |
| M 726 REMOVE OR INSTALL HYDRAULIC SYSTEM POWER PACKS | .28 | .0 | .0 | .0 | .0 | 3.6 | 1.9 | .0 | 1.8 | 5.47 |

170 15F(1). TROUBLESHOOT HYDRAULIC SYSTEM - 3C

| | | | | | | | | | | |
|--|------|-----|------|------|------|------|------|-----|-----|------|
| M 715 ISOLATE HYDRAULIC SYSTEM MALFUNCTIONS | 2.07 | .0 | .0 | .0 | 8.9 | 21.4 | 29.0 | 4.3 | 3.7 | 6.68 |
| M 267 INTERPRET SYSTEM SCHEMATICS | 1.77 | 4.0 | .0 | .0 | 10.3 | 21.4 | 13.0 | 2.2 | 3.7 | 6.02 |
| M 266 INTERPRET SYSTEM LAYOUT DRAWINGS OR BLUEPRINTS | .91 | .0 | 10.5 | 12.5 | 27.8 | 7.1 | 9.3 | 2.2 | 2.8 | 6.89 |
| M 265 INTERPRET SYSTEM GRAPHS OR CHARTS | .85 | 4.0 | 5.3 | 12.5 | 6.9 | 3.6 | 7.4 | .0 | 2.8 | 5.78 |

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

SYSTEMS 431X1 F15-YEAR AIRCRAFT GROUP COMPARISON

FCP602 PAGE 159

| TITLES | | D YSM | |
|--------|-----|-------|-----|
| X1 | --- | --- | --- |
| YE | --- | --- | --- |
| ON* | --- | --- | --- |
| A-7 | (M) | --- | --- |
| R71 | (M) | --- | --- |
| PT1 | (M) | --- | --- |
| PCP | (M) | --- | --- |
| U-2 | (M) | --- | --- |
| T- | (M) | --- | --- |
| F- | (M) | --- | --- |
| T- | (M) | --- | --- |
| YD | (M) | --- | --- |
| X1 | (F) | --- | --- |

| 1377 | 16A. ENGINE SYSTEM COMPONENTS AND SYSTEM OPERATION | A | B | C |
|------|--|---|---|---|
| | | | | |

| 178 | 16P(1), PERFORM ENGINE AND SUBSYSTEMS OPERATIONAL CHECK | 2B/- | 3C | 3C |
|-----|---|------|----|----|
| | | | | |

[illegible]

179 168(2). PERFORM OIL COOLER DOORS
OPERATIONAL CHECK 287-3C 3C

180 180(1). PERFORM THROTTLES OPERATIONAL 287-3C 3C
CMECH

| 909 OPERATIONALLY CMCHN THROTTLE SYSTEMS | | | | | | | | | |
|--|------|------|----|------|------|------|------|-----|------|
| | 2.08 | 16.0 | .0 | 62.5 | 17.8 | 31.5 | 15.2 | 8.3 | 5.11 |

101 16C11). SERVICE OIL SYSTEM 38/18 4C 4C

| | 7.03 | 100.0 | 94.7 | .0 | 72.4 | 85.7 | 96.3 | 95.7 | 91.7 | 3.34 |
|---|------|-------|------|----|------|------|------|------|------|------|
| I 436 SERVICE ENGINE OIL | | | | | | | | | | |
| I 197 DRAIN ENGINE OIL | 4.01 | 84.0 | 36.8 | .0 | .0 | 25.0 | 72.2 | 87.0 | 14.7 | 3.72 |
| P 830 OPERATIONALLY CHECK OIL-SERVICING-CARTS | 3.24 | .0 | 31.6 | .0 | 10.3 | .0 | 58.9 | 17.4 | 33.9 | 3.42 |
| M 604 SERVICE APU'S, EPU'S, OR GTC'S | 1.24 | 4.0 | .0 | .0 | .0 | .0 | 3.7 | 2.2 | .9 | 4.33 |
| M 605 SERVICE ATM'S | .28 | .0 | .0 | .0 | .0 | .0 | 16.7 | .0 | .0 | 4.14 |

182 16C17). SERVICE CONSTANT SPEED DRIVE 3P/B 4C 4C

| | | | | | | | | | |
|---|------|------|------|----|----|------|----|------|------|
| 1 436 SERVICE ALTERNATOR ON GENERATOR UNIT#23 | 2.15 | 16.0 | 31.6 | .0 | .0 | 37.0 | .0 | 19.3 | 0.30 |
|---|------|------|------|----|----|------|----|------|------|

STX 431X1 FIRST-TERM AIRCRAFT GROUP COMPARISON

FCP602 PAGE 160

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

| D TSK | TITLES | X1 | A-7 | R71 | P71 | U-2 | T-33 | F-106 | T-37 | X1 |
|-------|--|------|-----|------|------|------|------|-------|------|-----------|
| | | WE | (M) | (M) | (M) | (M) | (M) | (M) | (M) | (F) |
| 183 | 16C(13). SERVICE GEARBOX | | | | | | | | | |
| 184 | 16C(17). SERVICE ACCESSORY DRIVE | | | | | | | | | |
| 185 | 16D(11). REMOVE GENERATORS | | | | | | | | | |
| N 767 | REMOVE OR INSTALL ALTERNATORS OR GENERATORS | 1.50 | .0 | .0 | .0 | 3.4 | 21.6 | 20.4 | .0 | 15.6 5.54 |
| 186 | 16D(12). REMOVE STARTERS | | | | | | | | | |
| R 927 | REMOVE OR INSTALL STARTERS | 1.37 | .0 | 10.5 | .0 | .0 | 17.9 | 70.4 | .0 | .0 5.03 |
| 187 | 16D(13). REMOVE TAILPIPS | | | | | | | | | |
| R 928 | REMOVE OR INSTALL TAIL PIPES | 1.35 | .0 | 5.3 | .0 | 24.1 | 75.0 | 5.6 | 8.7 | 11.3 4.77 |
| R 913 | REMOVE OR INSTALL AFTERBURNER EVELID SYSTEM COMPONENTS | .35 | .0 | .0 | .0 | .0 | .0 | 9.3 | .0 | .0 5.37 |
| 188 | 16D(14). REMOVE SPINE ASSEMBLIES | | | | | | | | | |
| R 925 | REMOVE OR INSTALL SPINE AIR INDUCTION SYSTEM COMPONENTS | .27 | .0 | .0 | 37.5 | 13.8 | .0 | 1.9 | .0 | .0 5.40 |
| R 915 | REMOVE OR INSTALL BELMOUTH AIR INDUCTION SYSTEM COMPONENTS | .22 | .0 | .0 | .0 | 3.4 | 3.6 | .0 | .0 | .0 6.06 |
| 189 | 16D(15). REMOVE IGNITER PLUGS | | | | | | | | | |
| R 924 | REMOVE OR INSTALL IGNITER PLUGS | .90 | .0 | .0 | .0 | 3.4 | 42.9 | 7.4 | 4.3 | 2.8 4.49 |
| 190 | 16D(16). REMOVE THROTTLE QUADRANTS | | | | | | | | | |
| R 923 | REMOVE OR INSTALL THROTTLE QUADRANTS | 2.46 | .0 | .0 | 50.0 | 13.8 | 10.7 | 48.1 | 43.5 | 6.4 6.47 |
| R 922 | REMOVE OR INSTALL THROTTLE CABLES | 1.80 | .0 | .0 | 62.5 | 13.8 | 10.7 | 25.9 | 13.0 | 9.6 6.15 |
| R 929 | REMOVE OR INSTALL THROTTLE CABLE PULLEYS | 1.59 | .0 | .0 | 75.0 | 20.7 | 10.7 | 18.3 | .0 | 5.5 5.86 |
| R 930 | REMOVE OR INSTALL THROTTLE CABLE TENSION REGULATORS | .96 | .0 | .0 | 75.0 | 20.7 | 10.7 | 11.1 | .0 | 4.6 4.96 |
| | | .34 | .0 | .0 | 25.0 | 10.3 | 7.1 | 3.6 | .0 | 1.8 5.28 |

STS 431X1 FIRST-TERM AIRCRAFT GROUP COMPARISON

FCP602 PAGE 161

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

| D TSK | TITLES | X1
TE
#00 | A-7
(M) | R71
FLT
(M) | P71
RER
(M) | U-2
(M) | T-
33
(M) | F-
106
(M) | T-
37
(M) | T-
38
(M) | (F) |
|-------|--|-----------------|------------|-------------------|-------------------|------------|-----------------|------------------|-----------------|-----------------|------|
| 191 | 16D(7). REMOVE STARTER CARTRIDGES | | | | | | | | | | |
| R 926 | REMOVE OR INSTALL STARTER CARTRIDGES | 1.39 | .0 | .0 | .0 | .0 | 3.6 | .0 | .0 | .0 | 3.89 |
| 192 | 16E(1). INSTALL GENERATORS | | | | | | | | | | |
| M 767 | REMOVE OR INSTALL ALTERNATORS OR GENERATORS | 1.50 | .0 | .0 | .0 | 3.4 | 21.4 | 20.4 | .0 | 15.6 | 5.34 |
| 193 | 16E(2). INSTALL STARTERS | | | | | | | | | | |
| R 927 | REMOVE OR INSTALL STARTERS | 1.37 | .0 | 10.5 | .0 | .0 | 17.9 | 70.4 | .0 | .0 | 5.05 |
| 194 | 16E(3). INSTALL TAILPIPS | | | | | | | | | | |
| R 928 | REMOVE OR INSTALL TAIL PIPES | 1.35 | .0 | 5.3 | .0 | 24.1 | 75.0 | 5.6 | 8.7 | 11.9 | 4.77 |
| 195 | 16E(4). INSTALL SPIKE ASSEMBLIES | | | | | | | | | | |
| R 929 | REMOVE OR INSTALL SPIKE AIR INDUCTION SYSTEM COMPONENTS | .27 | .0 | .0 | 37.5 | 13.8 | .0 | 1.9 | .0 | .0 | 5.40 |
| R 915 | REMOVE OR INSTALL BELMOUTH AIR INDUCTION SYSTEM COMPONENTS | .22 | .0 | .0 | .0 | 3.4 | 3.6 | .0 | .0 | .0 | 6.06 |
| 196 | 16E(5). INSTALL TOWER PLUGS | | | | | | | | | | |
| R 924 | REMOVE OR INSTALL IGNITER PLUGS | .90 | .0 | .0 | .0 | 3.4 | 42.9 | 7.4 | 4.3 | 2.8 | 4.49 |
| 197 | 16E(6). INSTALL THROTTLE QUADRANTS | | | | | | | | | | |
| R 933 | REMOVE OR INSTALL THROTTLE QUADRANTS | 2.44 | .0 | .0 | 50.0 | 13.8 | 10.7 | 48.1 | 43.5 | 6.4 | 6.47 |
| R 932 | REMOVE OR INSTALL THROTTLE QUADRANT COMPONENTS | 1.80 | .0 | .0 | 8.5 | 13.8 | 10.7 | 29.9 | 15.2 | 4.6 | 8.35 |
| R 931 | REMOVE OR INSTALL THROTTLE CABLES | 1.59 | .0 | .0 | 75.0 | 20.7 | 10.7 | 18.5 | .0 | 5.5 | 5.86 |
| R 929 | REMOVE OR INSTALL THROTTLE CABLE PULLEYS | .94 | .0 | .0 | 75.0 | 20.7 | 10.7 | 11.1 | .0 | 4.6 | 4.96 |
| R 930 | REMOVE OR INSTALL THROTTLE CABLE TENSION REGULATORS | .34 | .0 | .0 | 25.0 | 10.3 | 7.1 | 5.6 | .0 | 1.8 | 5.28 |
| 198 | 16E(7). INSTALL STARTER CARTRIDGES | | | | | | | | | | |
| R 926 | REMOVE OR INSTALL STARTER CARTRIDGES | 1.39 | .0 | .0 | .0 | .0 | 3.6 | .0 | .0 | .0 | 3.89 |

D 3SM TITLES

199 16F. PERFORM GROUND OPERATION OF ENGINE 1A/- 3C 4C

| | | | | | | | | | | |
|--|------|------|------|----|-----|------|------|------|------|------|
| I 414 OPERATE AIRCRAFT RADIOS | 2.99 | 36.0 | 15.8 | .0 | 6.9 | 28.6 | 42.6 | 17.4 | 18.3 | 6.39 |
| U 980 OPERATE TURBOJET ENGINES | .67 | 8.0 | 15.8 | .0 | .0 | 10.7 | 13.0 | 10.9 | 10.1 | 6.20 |
| U 979 OPERATE TURBOFAN ENGINES | .23 | 28.0 | .0 | .0 | .0 | .0 | 1.9 | .0 | .9 | 6.37 |
| U 982 PERFORM TURBOFAN ENGINE WET TRIM | .27 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.46 |
| U 981 PERFORM TURBOFAN ENGINE DRY TRIM | .25 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.30 |
| U 983 PERFORM TURBOJET ENGINE DRY TRIM | .17 | 8.0 | .0 | .0 | .0 | 7.1 | 1.9 | .0 | .0 | 6.45 |
| U 984 PERFORM TURBOJET ENGINE WET TRIM | .15 | .0 | .0 | .0 | .0 | .0 | 3.7 | .0 | .0 | 6.58 |

200 16G. TAKE ENGINE OIL SAMPLES (JOAP) 3B/18 4C 4C

| | | | | | | | | | | |
|--|------|------|-----|----|------|------|------|------|------|------|
| I 449 TAKE ENGINE OIL SAMPLES | 6.59 | 76.0 | .0 | .0 | 72.4 | 85.7 | 98.4 | 97.8 | 94.5 | 5.18 |
| E 156 ANNOTATE OIL ANALYSIS REQUEST FORMS (DD FORM 2026) | 5.86 | 56.0 | 5.3 | .0 | 41.4 | 35.7 | 44.4 | 56.5 | 56.0 | 4.03 |

201 18M. PERFORM ENGINE REMOVAL PREPARATION 28/- 3C 4C

| | | | | | | | | | | |
|--|-----|------|----|----|----|-----|------|------|----|----------|
| U 986 REMOVE OR INSTALL TURBOJET ENGINES | .51 | 4.0 | .0 | .0 | .0 | 3.4 | 14.3 | 37.0 | .0 | 6.4 7.15 |
| U 985 REMOVE OR INSTALL TURBOFAN ENGINES | .50 | 12.0 | .0 | .0 | .0 | .0 | 3.6 | 11.1 | .0 | .9 6.79 |

202 18J. PERFORM ENGINE INSTALLATION PREPARATION PROCEDURES 26/- 3C 4C

| | | | | | | | | | | |
|--|-----|------|----|----|----|-----|------|------|----|----------|
| U 986 REMOVE OR INSTALL TURBOJET ENGINES | .51 | 4.0 | .0 | .0 | .0 | 3.4 | 14.3 | 37.0 | .0 | 6.4 7.15 |
| U 985 REMOVE OR INSTALL TURBOFAN ENGINES | .50 | 12.0 | .0 | .0 | .0 | .0 | 3.6 | 11.1 | .0 | .9 6.79 |

203 18J. REMOVE ENGINE FROM AIRCRAFT 28/- 3C 4C

| | | | | | | | | | | |
|--|-----|------|----|----|----|-----|------|------|----|----------|
| U 986 REMOVE OR INSTALL TURBOJET ENGINES | .51 | 4.0 | .0 | .0 | .0 | 3.4 | 14.3 | 37.0 | .0 | 6.4 7.15 |
| U 985 REMOVE OR INSTALL TURBOFAN ENGINES | .50 | 12.0 | .0 | .0 | .0 | .0 | 3.6 | 11.1 | .0 | .9 6.79 |

204 16H. INSTALL ENGINE IN AIRCRAFT 28/- 3C 4C

| | | | | | | | | | | |
|--|-----|------|----|----|----|-----|------|------|----|----------|
| U 986 REMOVE OR INSTALL TURBOJET ENGINES | .51 | 4.0 | .0 | .0 | .0 | 3.4 | 14.3 | 37.0 | .0 | 6.4 7.15 |
| U 985 REMOVE OR INSTALL TURBOFAN ENGINES | .50 | 12.0 | .0 | .0 | .0 | .0 | 3.6 | 11.1 | .0 | .9 6.79 |

STS 331X1 FIRST-TERM AIRCRAFT GROUP COMPARISON

FCP602 PAGE 163

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

0 TSK TITLES

X1 A-7 R71 P71 U-2 T- F- T- X1
TE FLT RCR (M) (M) (M) (M) (M) (M) (M) (M)
400 (M) (M) (M) (M) (M) (M) (M) (M)

205 16L. INSPECT INSTALLED ENGINE 20/18 3C 4C

R 868 INSPECT AIR INLET OR EXHAUST AREAS
R 895 INSPECT VISIBLE ENGINE MOUNTS OR ATTACH POINTS
R 893 INSPECT ENGINE OIL LINES OR FITTINGS
R 872 INSPECT ENGINE ACCESSORIES, SUCH AS FUEL PUMPS, HYDRAULIC
PUMPS, OR CONSTANT SPEED DRIVES
R 880 INSPECT ENGINE INDICATORS OR INSTRUMENTS
R 867 INSPECT AFTERBURNER TAP/LEVEL SYSTEMS
R 891 INSPECT THROTTLE SYSTEM COMPONENTS
R 879 INSPECT ENGINE FUEL FILTERS
R 882 INSPECT ENGINE OIL FILTERS
R 885 INSPECT ENGINE QUICK-DISCONNECT LINES
R 873 INSPECT ENGINE AIR LINES OR FITTINGS
R 890 INSPECT STARTERS
R 877 INSPECT ENGINE FIREWALLS
R 881 INSPECT ENGINE OIL COOLERS
R 878 INSPECT ENGINE FUEL CONTROLS
R 871 INSPECT CARTRIDGE TYPE STARTER BREACH CAPS
R 870 INSPECT BLOW-IN, SUCKER, OR FLIPPER DOORS
R 894 INSPECT VARIAMP AIR INDUCTION SYSTEMS
R 874 INSPECT ENGINE BLEED VALVE ASSEMBLIES
R 876 INSPECT ENGINE FIREWALL SHUT-OFF VALVES
R 869 INSPECT BELMOUTH AIR INDUCTION SYSTEMS
R 889 INSPECT SPIRE AIR INDUCTION SYSTEMS
R 884 INSPECT ENGINE PRESSURIZATION OR DUMP VALVE SCREENS
R 886 INSPECT ENGINE VORTEX SYSTEMS
R 897 ISOLATE SPIRE AIR INDUCTION SYSTEM MALFUNCTIONS
R 898 ISOLATE BELMOUTH AIR INDUCTION SYSTEM MALFUNCTIONS
R 887 INSPECT PNEUMATIC WATER INJECTION PUMPS OR BRACKETS

206 16M. INSPECT INSTALLED AUXILIARY POWER 20/18 3C 4C
UNIT

R 509 INSPECT AUXILIARY POWER UNITS INPUT, EMERGENCY POWER UNITS
(EPU), OR GAS TURBINE COMPRESSORS (GTC)

207 16N. CLEAN ENGINE OIL SCREENS 20/18 3C 4C

208 17. PROPELLERS

4.96 48.0 57.9 .0 41.4 28.6 59.3 50.0 45.0 4.47
3.48 24.0 5.3 .0 51.7 35.7 33.3 28.3 22.9 4.62
3.27 24.0 26.3 .0 31.4 21.4 40.7 41.3 15.3 4.11
3.08 24.0 31.6 .0 31.0 14.3 59.3 15.2 11.0 4.83
2.79 24.0 21.1 .0 20.7 21.4 24.1 23.9 14.7 4.19
2.99 .0 21.1 .0 3.4 .0 55.6 .0 22.0 4.56
2.49 .0 5.3 37.5 37.9 21.4 22.2 13.0 10.1 4.76
2.35 14.0 10.5 .0 13.8 14.3 25.9 32.6 16.3 4.21
2.22 10.0 5.3 .0 24.1 14.3 31.5 8.7 11.0 4.12
2.20 32.0 .0 12.5 44.8 35.7 46.3 32.6 9.2 4.03
2.15 4.0 10.5 .0 34.5 14.3 42.6 10.9 1.8 4.47
2.15 24.0 10.5 .0 24.1 10.7 51.9 8.5 2.8 4.44
1.94 .0 5.3 .0 13.6 7.1 16.7 17.4 30.3 4.25
1.77 16.0 .0 .0 18.3 .0 37.0 .0 9.30
1.76 4.0 5.3 .0 24.1 17.9 20.4 4.3 3.7 4.86
1.63 .0 .0 .0 .0 .0 3.6 .0 .0 3.58
1.39 4.0 63.2 37.5 37.9 21.4 3.7 2.2 12.8 3.98
1.08 4.0 .0 .0 3.4 3.6 24.1 .0 .0 5.05
1.03 .0 5.3 .0 17.2 7.1 7.4 2.2 4.6 4.49
.94 .0 .0 .0 3.4 .0 1.9 .0 .0 4.13
.65 4.0 26.3 .0 3.4 3.6 3.7 .0 1.8 4.57
.48 .0 21.1 .0 .0 .0 .0 .0 .0 4.68
.36 .0 .0 .0 3.4 .0 3.7 .0 .0 4.12
.19 .0 .0 .0 .0 .0 1.9 .0 .0 3.82
.17 .0 .0 .0 .0 .0 .0 .0 .0 6.47
.13 .0 .0 .0 3.4 3.6 .0 .0 .0 6.40
.02 .0 .0 .0 .0 .0 .0 .0 .0 4.27

1.31 16.0 5.3 .0 3.4 10.7 11.1 19.6 14.7 4.87

STS 331X1 FIRST-TERM AIRCRAFT GROUP COMPARISON

OCCUPATIONAL ANALYSIS PROGRAM
USAFOPC (ATC) RANDOLPH AFB TX

FCP602 PAGE 164

| D TSM | TITLES | X1 | A-7 | R71 | U-2 | T-33 | F-106 | T-37 | X1 |
|-------|--------|-----|-----|-----|-----|------|-------|------|-----|
| | | YE | (M) | (M) | (M) | (M) | (M) | (M) | (F) |
| | | 00* | | | | | | | |

209 17A. PROPELLER SYSTEM COMPONENTS AND SYSTEM OPERATION A B C

210 17B. INSPECT PROPELLER SYSTEM 28/- 3C 4C

| | | | | | | | | | | |
|---|-----|----|----|----|----|----|-----|----|----|------|
| R 888 INSPECT PROPELLERS | .58 | .0 | .0 | .0 | .0 | .0 | 1.9 | .0 | .9 | 4.32 |
| S 949 INSPECT PROPELLER GOVERNOR REGULATORS | .21 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.75 |

211 17C. SERVICE PROPELLER SYSTEM 287- 3C 4C

| | | | | | | | | | | |
|--|-----|----|----|----|----|----|----|----|----|------|
| S 966 SERVICE RECIPROCATING ENGINE PROPELLER GOVERNOR REGULATORS | .11 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.49 |
| T 977 SERVICE TURBOPROP PROPELLERS | .07 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.91 |

212 18. AIRCRAFT FUEL SYSTEMS

213 18A. FUEL SYSTEM COMPONENTS AND SYSTEM OPERATION A B C

214 18B11. PERFORM INTERNAL FUEL SYSTEM OPERATIONAL CHECK 28/18- 3C 4C

| | | | | | | | | | | |
|---|------|------|------|----|------|------|------|------|------|------|
| 0 790 OPERATIONALLY CHECK FUEL BOOST PUMPS | 5.23 | 8.0 | 73.7 | .0 | 48.8 | 76.8 | 48.4 | 65.2 | 9.2 | 4.57 |
| 0 809 TRANSFER FUEL WITHIN AIRCRAFT | 2.99 | 16.0 | 52.6 | .0 | 55.2 | 53.6 | 9.3 | 4.3 | 3.7 | 4.85 |
| 0 791 OPERATIONALLY CHECK FUEL CONTROL PANELS | 2.39 | 8.0 | 68.4 | .0 | 10.3 | 25.0 | 27.8 | 15.2 | 5.5 | 4.56 |
| 0 792 OPERATIONALLY CHECK FUEL TANK FEED SYSTEMS | 1.84 | 20.0 | 21.1 | .0 | 6.9 | 25.0 | 9.3 | 4.3 | 1.8 | 4.91 |
| 0 796 OPERATIONALLY CHECK FUEL TRANSFER PUMPS | 1.82 | 8.0 | 42.1 | .0 | 41.4 | 42.9 | 5.6 | 8.7 | .9 | 4.72 |
| 0 797 OPERATIONALLY CHECK FUEL VALVES | 1.34 | 4.0 | 15.8 | .0 | 3.4 | 14.3 | 9.3 | 2.2 | 12.8 | 4.83 |
| 0 795 OPERATIONALLY CHECK FUEL TANK PRESSURE SYSTEMS | 1.34 | 12.0 | 21.1 | .0 | 6.9 | 25.0 | 7.4 | .0 | 1.8 | 4.95 |
| 0 792 OPERATIONALLY CHECK FUEL CROSSFEED SYSTEMS | 1.10 | .0 | 73.7 | .0 | 41.4 | 7.1 | 5.6 | 6.5 | 10.1 | 4.83 |
| 0 798 OPERATIONALLY CHECK IN-FLIGHT FUEL DUMP SYSTEMS | .42 | .0 | 21.1 | .0 | 10.3 | 3.6 | 1.9 | .0 | .0 | 5.02 |
| 0 793 OPERATIONALLY CHECK FUEL MANIFOLD DRAIN PUMPS | .32 | .0 | 5.3 | .0 | .0 | 7.1 | 5.6 | .0 | .0 | 4.86 |

215 18B12. PERFORM EXTERNAL FUEL SYSTEM OPERATIONAL CHECK 3C 4C

O TSM TITLES

| X1 | A-7 | R71 | U-2 | T-37 | T-38 | X1 |
|-----|-----|-----|-----|------|------|-----|
| TE | FLY | PER | (M) | (M) | (M) | (F) |
| 0.0 | (M) | (M) | (M) | (M) | (M) | (F) |

O 789 OPERATIONALLY CHECK EXTERNAL FUEL TANKS

| | | | | | | | | | |
|------|------|------|-----|------|------|------|-----|-----|------|
| 3.15 | 54.0 | 5.3 | 0.0 | 6.9 | 28.6 | 25.9 | 2.2 | 2.8 | 5.07 |
| 2.99 | 16.0 | 52.6 | 0.0 | 55.2 | 53.8 | 9.3 | 5.3 | 5.7 | 4.85 |

O 809 TRANSFER FUEL WITHIN AIRCRAFT

216 18C. REFUEL AIRCRAFT (NORMAL)

217 18C11). REFUEL TEAM SUPERVISOR

I 393 DIRECT FUELING OR DEFUELING OPERATIONS

218 18C12). REFUEL TEAM MEMBER

I 402 FUEL AIRCRAFT USING SINGLEPOINT REFUELING METHODS
I 401 FUEL AIRCRAFT USING OVERWING REFUELING METHODS

219 18D. REFUEL AIRCRAFT (WITH ENGINE OPERATING)

220 18D11). REFUEL TEAM SUPERVISOR

221 18D12). REFUEL TEAM MEMBER

I 400 FUEL AIRCRAFT USING HOT PIT REFUELING METHODS

222 18E. DEFUEL AIRCRAFT

223 18E11). DEFUEL TEAM SUPERVISOR

I 393 DIRECT FUELING OR DEFUELING OPERATIONS

6.19 92.0 42.1 0.0 31.0 71.4 77.4 71.7 66.1 4.86

FCP602 PAGE 166

USAFOMC (ATC) RANDOLPH AFB TX

OCCUPATIONAL ANALYSIS PROGRAM

SYS 431X1 FIRST-TERM AIRCRAFT GROUP COMPARISON

| | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
|----|
| 11 | |
| 12 | |
| 13 | |
| 14 | |
| 15 | |
| 16 | |
| 17 | |
| 18 | |
| 19 | |
| 20 | |
| 21 | |
| 22 | |
| 23 | |
| 24 | |
| 25 | |
| 26 | |
| 27 | |
| 28 | |
| 29 | |
| 30 | |

O TASK TITLES

224 10E(12). DEFUEL TEAM MEMBER 20/18 3C 4C

I 391 DEFUEL AIRCRAFT USING SINGLEPOINT METHODS
I 398 DRAIN WATER FROM FUEL TANK SUMPS
I 390 DEFUEL AIRCRAFT USING OVERWING METHODS

225 10F. PREPARE AIRCRAFT FOR FUEL CELL MAINTENANCE 18/- 28 3C

O 799 PREPARE AIRCRAFT OF FUEL CELL MAINTENANCE
O 776 DRY-DRAIN FUEL TANKS

226 10G(11). REMOVE EXTERNAL FUEL TANKS 28/- 3C 4C

O 801 REMOVE OR INSTALL EXTERNAL FUEL TANKS
O 805 REMOVE OR INSTALL FUEL TANK PYLONS

227 10H(12). REMOVE AIRCRAFT FUEL CELL/TANKS 28/- 3C 4C

228 10H(11). INSTALL EXTERNAL FUEL TANKS 28/- 3C 4C

O 803 REMOVE OR INSTALL EXTERNAL FUEL TANKS
O 805 REMOVE OR INSTALL FUEL TANK PYLONS

229 10H(12). INSTALL AIRCRAFT FUEL CELL/TANKS 28/- 3C 4C

230 10I. CHANGE FUEL FILTERS 28/- 4C 3C

231 10J. CLEAN FUEL FILTERS 28/- 4C 3C

STC 4321 FIRST-TEAM AIRCRAFT GROUP COMPARISON

FC6602 PAGE 167

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

X1 A-7 R71 P71 U-2 T- F- T- X1
TE FLT PER (M) (M) (M) (M) (M) (M) (F)
AD* (M) (M) (M) (M) (M) (M) (F)

D TSK TITLES

232 18K. CLASSIFY FUEL LEAKS - 3C 4C

233 18L. INSPECT AIRCRAFT FUEL SYSTEM 28718 3C 4C

0 779 INSPECT FUEL TANKS FOR LEAKS
0 780 INSPECT SINGLEPOINT FUEL RECEPTACLES
0 781 INSPECT FUEL VENT OUTLETS
0 777 INSPECT EXTERNAL FUEL SYSTEM COMPONENTS, SUCH AS CANNON
PLUGS, LOCKING MECHANISMS, VALVES, OR LINES
0 780 INSPECT FUEL TRANSFER PUMPS
0 783 INSPECT IN-FLIGHT FUEL DUMP SYSTEMS
0 778 INSPECT FUEL MANIFOLD ORATH PUMPS
0 785 INSPECT SUMBER TANKS OR VENT BOXES

234 18M. IN-FLIGHT REFUELING SYSTEM

235 18N(1). IFR SYSTEM COMPONENTS AND OPERATION A B C

236 18N(2). INSPECT IFR SYSTEM 28718 3C 4C

X1032 INSPECT IFR RECEPTACLES
X1029 INSPECT IFR DOORS

237 18M(3). PERFORM OPERATIONAL CHECK OF IFR SYSTEM 28718 3C 4C

X1030 OPERATIONALLY CHECK IFR DOORS
X1036 OPERATIONALLY CHECK IFR RECEPTACLES

238 19. ELECTRICAL SYSTEMS

STS 431X1 FIRST-TERM AIRCRAFT GROUP COMPARISON

FCP602 PAGE 168

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

| D TSK | TITLES | X1 | A-7 | R71 | R71 | U-2 | F- | F- | T- | T- | X1 |
|-------|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | YE | (M) | FLY | RGR | (M) | (M) | (M) | (M) | (M) | (F) |
| | | *D* | | | | | | | | | |

239 19A. ELECTRICAL SYSTEM COMPONENTS AND SYSTEM OPERATION A B C

240 19B11. PERFORM ELECTRICAL SUPPLY SYSTEM 28/18 2C 3C
OPERATIONAL CHECK

| | | | | | | | | | | | |
|-------|---|------|------|-----|----|------|------|------|------|------|------|
| N 758 | OPERATIONALLY CHECK BATTERIES | 4.63 | 52.0 | 5.3 | .0 | 27.6 | 85.7 | 68.5 | 67.4 | 77.1 | 3.72 |
| N 761 | OPERATIONALLY CHECK INVERTERS | 2.03 | 8.0 | .0 | .0 | 17.2 | 67.9 | 3.7 | 65.2 | 7.8 | 3.76 |
| N 767 | OPERATIONALLY CHECK ALTERNATORS OR GENERATORS | 1.84 | 8.0 | 5.3 | .0 | 6.9 | 25.0 | 20.4 | 8.7 | 10.1 | 5.33 |
| N 763 | OPERATIONALLY CHECK TRANSFORMER RECTIFIERS | .92 | .0 | 5.3 | .0 | 17.2 | 3.6 | 29.6 | .0 | 1.8 | 4.30 |
| N 579 | OPERATIONALLY CHECK RAT'S | .82 | 28.0 | .0 | .0 | .0 | .0 | 40.7 | .0 | .0 | 4.42 |
| N 762 | OPERATIONALLY CHECK PROXIMITY OR MICRO SWITCHES | .80 | 8.0 | .0 | .0 | .0 | 25.0 | 7.4 | 2.2 | 1.8 | 4.57 |

241 19B12. PERFORM LIGHTING SYSTEM 28/18 4C 4C
OPERATIONAL CHECK

| | | | | | | | | | | | |
|-------|---|------|------|------|----|------|------|------|------|------|------|
| N 759 | OPERATIONALLY CHECK EXTERNAL LIGHTS | 5.87 | 80.0 | 73.7 | .0 | 62.1 | 85.7 | 87.0 | 71.7 | 79.6 | 3.31 |
| N 760 | OPERATIONALLY CHECK INTERNAL LIGHTS | 3.85 | 72.0 | 73.7 | .0 | 58.6 | 89.3 | 85.2 | 71.7 | 77.7 | 3.32 |
| N 755 | ISOLATE EXTERNAL LIGHTING SYSTEM MALFUNCTIONS | 2.32 | 12.0 | 10.5 | .0 | 13.8 | 28.6 | 18.5 | 19.6 | 17.4 | 6.02 |
| N 756 | ISOLATE INTERNAL LIGHTING SYSTEM MALFUNCTIONS | 2.11 | 12.0 | 10.5 | .0 | 13.8 | 21.4 | 18.5 | 17.4 | 11.0 | 6.01 |

242 19B13. PERFORM INDICATOR WARNING SYSTEM 28/18 3C 4C
OPERATIONAL CHECK

243 19C11. REMOVE LIGHT LENSES 28/18 3C 4C

| | | | | | | | | | | | |
|-------|--------------------------------|------|------|------|----|------|------|------|------|------|------|
| N 771 | REMOVE OR INSTALL LIGHT LENSES | 5.84 | 84.0 | 57.9 | .0 | 41.4 | 76.6 | 87.0 | 76.1 | 80.7 | 2.31 |
|-------|--------------------------------|------|------|------|----|------|------|------|------|------|------|

244 19C12. REMOVE LIGHT BULBS 28/18 3C 4C

| | | | | | | | | | | | |
|-------|-------------------------------|------|------|------|----|------|------|------|------|------|------|
| N 770 | REMOVE OR INSTALL LIGHT BULBS | 5.87 | 96.0 | 78.9 | .0 | 69.0 | 89.3 | 90.7 | 95.7 | 89.0 | 2.23 |
|-------|-------------------------------|------|------|------|----|------|------|------|------|------|------|

245 19C13. REMOVE BATTERIES 28/18 4C 4C

| | | | | | | | | | | | |
|-------|-----------------------------|------|------|----|----|------|------|------|------|------|------|
| N 766 | REMOVE OR INSTALL BATTERIES | 5.46 | 92.0 | .0 | .0 | 72.4 | 82.1 | 87.0 | 93.5 | 85.3 | 4.38 |
|-------|-----------------------------|------|------|----|----|------|------|------|------|------|------|

| O TSN | TITLES | X1 | A-7 | R71 | FLT | R2R | U-2 | T-33 | F-106 | T-37 | T-38 | X1 |
|-------|---|------|------|------|-----|------|------|------|-------|------|------|------|
| | | 400 | (M) | (M) | (M) | (M) | (M) | (M) | (M) | (M) | (M) | (F) |
| 246 | 19C(A). REMOVE HARNESES | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 247 | 19D117. INSTAL LIGHT LENSES | | | | | | | | | | | |
| | | | | | | | | | | | | |
| N 771 | REMOVE OR INSTALL LIGHT LENSES | 5.84 | 84.0 | 57.9 | | .0 | 41.4 | 78.6 | 87.0 | 76.1 | 80.7 | 2.31 |
| 248 | 19D127. INSTAL LIGHT BULBS | | | | | | | | | | | |
| | | | | | | | | | | | | |
| N 770 | REMOVE OR INSTALL LIGHT BULBS | 5.87 | 96.0 | 78.9 | | .0 | 69.0 | 89.3 | 90.7 | 95.7 | 89.0 | 2.23 |
| 249 | 19D137. INSTAL BATTERIES | | | | | | | | | | | |
| | | | | | | | | | | | | |
| N 768 | REMOVE OR INSTALL BATTERIES | 5.46 | 92.0 | .0 | | .0 | 72.4 | 82.1 | 87.0 | 93.5 | 85.3 | 4.38 |
| 250 | 19D147. INSTAL HARNESES | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 251 | 19E. USE WIRING DIAGRAMS | | | | | | | | | | | |
| | | | | | | | | | | | | |
| N 267 | INTERPRET SYSTEM SCHEMATICS | 1.77 | 4.0 | .0 | | .0 | 10.3 | 21.4 | 13.0 | 7.2 | 3.7 | 6.82 |
| N 266 | INTERPRET SYSTEM LAYOUT DRAWINGS OR BLUEPRINTS | .91 | 4.0 | 10.5 | | 12.5 | 27.6 | 7.1 | 9.3 | 2.2 | 2.8 | 6.69 |
| N 265 | INTERPRET SYSTEM GRAPHS OR CHARTS | .85 | 4.0 | 5.3 | | 12.5 | 6.9 | 3.6 | 7.4 | .0 | 2.8 | 5.78 |
| 252 | 19F. INSPECT (1)COMPONENTS, (2)CONTROLS, AND (3)HARNESES AND CONNECTORS | | | | | | | | | | | |
| | | | | | | | | | | | | |
| N 767 | INSPECT EXTERNAL LIGHTS | 5.78 | 96.0 | 73.7 | | .0 | 65.5 | 75.0 | 87.0 | 67.4 | 78.9 | 3.45 |
| N 750 | INSPECT INTERNAL LIGHTS | 5.59 | 84.0 | 88.4 | | .0 | 65.5 | 82.1 | 79.6 | 69.8 | 66.1 | 3.44 |
| N 748 | INSPECT EXTERNAL POWER RECEPTACLES | 5.05 | 60.0 | 52.6 | | .0 | 58.6 | 64.3 | 66.7 | 52.2 | 48.6 | 3.44 |
| N 749 | INSPECT FUSE OR CIRCUIT BREAKER PANELS | 4.95 | 72.0 | 68.4 | | .0 | 55.2 | 75.0 | 83.3 | 63.0 | 57.8 | 3.58 |
| N 746 | INSPECT BATTERY VENT SYSTEMS | 3.64 | 48.0 | .0 | | .0 | 3.4 | 57.1 | 33.3 | 52.2 | 9.2 | 3.84 |
| N 743 | INSPECT AIRCRAFT WIRING OR CONNECTORS | 3.62 | 52.0 | 57.9 | | .0 | 55.2 | 46.4 | 40.7 | 37.0 | 25.7 | 4.44 |
| N 753 | INSPECT NICKEL-CADMIUM BATTERIES | 3.03 | 28.0 | .0 | | .0 | 10.3 | 64.3 | 46.3 | 41.5 | 21.1 | 4.08 |
| N 744 | INSPECT ALTERNATORS OR GENERATORS | 1.99 | 12.0 | 19.8 | | .0 | 41.4 | 25.0 | 25.9 | 2.2 | 11.9 | 4.70 |
| N 751 | INSPECT INVERTERS | 1.42 | 4.0 | 5.3 | | .0 | 34.5 | 50.0 | 5.6 | 37.0 | .9 | 4.23 |
| N 558 | INSPECT RAM AIR TURBINES (RAT) | 1.04 | 56.0 | .0 | | .0 | .0 | 3.6 | 66.7 | 2.2 | 1.8 | 4.46 |
| N 754 | INSPECT TRANSFORMER RECTIFIERS | .84 | 4.0 | .0 | | .0 | 37.9 | 3.6 | 38.9 | .0 | .0 | 4.49 |

| STS 433X1 FIRST-TERM AIRCRAFT GROUP COMPARISON | | | OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) PANDOLPH AFB TX | | | | | | | | | | | |
|--|---|-----------------|--|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| D TSK | TITLES | X1
TE
+0* | FCP002 PAGE 170 | | | 170 | | | 170 | | | 170 | | |
| | | | A-7
(M) | FLY
(M) | RZR
(M) | U-2
(M) | T-
(M) | F-
(M) | T-
(M) | T-
(M) | T-
(M) | T-
(M) | T-
(M) | T-
(M) |
| M 752 | INSPECT LEAD-ACID BATTERIES | .75 | 4.0 | .0 | .0 | .0 | .0 | 3.7 | 13.0 | 3.7 | 3.97 | | | |
| N 345 | INSPECT AIR TURBINE MOTORS (XTMT) | .36 | 4.0 | 10.5 | .0 | .0 | 7.1 | 22.2 | 4.3 | 4.6 | 4.83 | | | |
| N 587 | REMOVE OR INSTALL ATM'S | .18 | .0 | .0 | .0 | .0 | .0 | 9.3 | .0 | .0 | 6.00 | | | |
| 253 | 196. CONNECT EXTERNAL ELECTRICAL POWER 2B/18 4C 4C | | | | | | | | | | | | | |
| 254 | 19H. DISCONNECT EXTERNAL ELECTRICAL POWER 2B/18 4C 4C | | | | | | | | | | | | | |
| 255 | 191. SERVICE ELECTRICAL COMPONENTS SUCH AS BATTERIES AND SUMP JARS 2B/8 4C 4C | | | | | | | | | | | | | |
| M 742 | CLEAN BATTERY TERMINALS OR CONNECTORS | 2.95 | 20.0 | .0 | .0 | .0 | 13.8 | 21.4 | 18.5 | 6.5 | 31.2 | 3.19 | | |
| N 776 | SERVICE BATTERY SUMP JARS | .06 | .0 | .0 | .0 | .0 | .0 | 50.0 | 1.9 | .0 | .0 | 2.04 | | |
| N 775 | SERVICE BATTERIES | .57 | .0 | .0 | .0 | .0 | 7.1 | 1.9 | .0 | .9 | 3.31 | | | |
| N 764 | PERFORM BATTERY SPECIFIC GRAVITY CHECKS | .41 | 4.0 | .0 | .0 | .0 | .0 | 3.7 | 2.2 | .0 | 4.11 | | | |
| 256 | 20. EGRESS SYSTEM | | | | | | | | | | | | | |
| 257 | 20A. EGRESS SYSTEM COMPONENTS AND SYSTEM OPERATION A B C | | | | | | | | | | | | | |
| M 270 | ISOLATE CANOPY SYSTEM MALFUNCTIONS | 2.40 | 4.0 | 5.3 | 75.0 | 20.7 | 42.9 | 27.8 | 8.7 | 9.2 | 7.06 | | | |
| 258 | 20B(1). PERFORM CANOPY SYSTEM OPERATIONAL CHECK 2B/18 3C 4C | | | | | | | | | | | | | |
| M 287 | OPERATIONALLY CHECK CANOPIES | 5.24 | 84.0 | 89.5 | 75.0 | 72.4 | 78.6 | 41.5 | 78.3 | 78.9 | 4.49 | | | |
| 259 | 20B(2). PERFORM SEAT ADJUSTMENT SYSTEM OPERATIONAL CHECK 2B/8 3C 4C | | | | | | | | | | | | | |
| M 256 | INSPECT SEAT LOCKING MECHANISMS | 2.23 | 16.0 | 31.6 | .0 | 13.8 | 21.4 | 25.9 | 26.1 | 15.6 | 4.28 | | | |

SYNOPSIS FIRST-TERM AIRCRAFT GROUP COMPARISON

FCP602 PAGE 171

O TSM

TITLES

260 20C. INSTALL SAFETY PINS 28/18 AC AC

M 350 REMOVE OR INSTALL SAFETY DEVICES, SUCH AS SEAT PINS OR
BEAR LOCKS 6.17 92.0 52.6 50.0 65.5 60.7 72.2 65.2 58.7 3.13

261 20D. REMOVE SAFETY PINS 28/18 AC AC

M 350 REMOVE OR INSTALL SAFETY DEVICES, SUCH AS SEAT PINS OR
BEAR LOCKS 6.17 92.0 52.6 50.0 65.5 60.7 72.2 65.2 58.7 3.13

262 20E. INSPECT EGRESS SYSTEM 28/18 3C AC

M 257 INSPECT SEATS, SEATBELTS, INERTIAL REELS, OR SHOULDER
HARNESSES 6.34 88.0 94.7 .0 65.5 71.4 87.0 82.6 77.1 4.62
M 243 INSPECT CHUTE SYSTEMS 5.53 76.0 94.7 87.5 74.3 71.4 64.8 54.3 66.1 5.70
M 247 INSPECT EJECTION SYSTEMS 4.77 40.0 73.7 .0 44.8 50.0 40.7 41.3 33.9 6.41

263 20F. ADJUST CANOPY LINKAGE AND LATCHING 28/18 3C AC
MECHANISMS

M 209 ADJUST CANOPY LINKAGE OR LATCHING MECHANISMS 3.74 16.0 .0 100.0 44.8 46.4 51.9 6.5 11.9 6.95

264 21. DRAG CHUTE SYSTEM

265 21A. DRAG CHUTE COMPONENTS AND SYSTEM 28/18 3C AC
OPERATION

M 329 REMOVE OR INSTALL DRAGCHUTE DOOR LINKAGE OR LATCHING
MECHANISM COMPONENTS 1.44 .0 26.3 87.5 27.6 3.6 59.3 2.2 .9 5.85

266 21B. PERFORM OPERATIONAL CHECK OF DRAG
CHUTE SYSTEM 28/18 3C AC

M 290 OPERATIONALLY CHECK DRAGCHUTE RELEASE SYSTEMS 1.64 .0 44.7 82.5 72.4 3.6 77.8 .0 1.0 4.41

USAFOMC (ATC) RANDOLPH AFB TX

FCP602 PAGE 171

O TSM

TITLES

260 20C. INSTALL SAFETY PINS 28/18 AC AC

M 350 REMOVE OR INSTALL SAFETY DEVICES, SUCH AS SEAT PINS OR
BEAR LOCKS 6.17 92.0 52.6 50.0 65.5 60.7 72.2 65.2 58.7 3.13

261 20D. REMOVE SAFETY PINS 28/18 AC AC

M 350 REMOVE OR INSTALL SAFETY DEVICES, SUCH AS SEAT PINS OR
BEAR LOCKS 6.17 92.0 52.6 50.0 65.5 60.7 72.2 65.2 58.7 3.13

262 20E. INSPECT EGRESS SYSTEM 28/18 3C AC

M 257 INSPECT SEATS, SEATBELTS, INERTIAL REELS, OR SHOULDER
HARNESSES 6.34 88.0 94.7 .0 65.5 71.4 87.0 82.6 77.1 4.62
M 243 INSPECT CHUTE SYSTEMS 5.53 76.0 94.7 87.5 74.3 71.4 64.8 54.3 66.1 5.70
M 247 INSPECT EJECTION SYSTEMS 4.77 40.0 73.7 .0 44.8 50.0 40.7 41.3 33.9 6.41

263 20F. ADJUST CANOPY LINKAGE AND LATCHING 28/18 3C AC
MECHANISMS

M 209 ADJUST CANOPY LINKAGE OR LATCHING MECHANISMS 3.74 16.0 .0 100.0 44.8 46.4 51.9 6.5 11.9 6.95

264 21. DRAG CHUTE SYSTEM

265 21A. DRAG CHUTE COMPONENTS AND SYSTEM 28/18 3C AC
OPERATION

M 329 REMOVE OR INSTALL DRAGCHUTE DOOR LINKAGE OR LATCHING
MECHANISM COMPONENTS 1.44 .0 26.3 87.5 27.6 3.6 59.3 2.2 .9 5.85

266 21B. PERFORM OPERATIONAL CHECK OF DRAG
CHUTE SYSTEM 28/18 3C AC

M 290 OPERATIONALLY CHECK DRAGCHUTE RELEASE SYSTEMS 1.64 .0 44.7 82.5 72.4 3.6 77.8 .0 1.0 4.41

| STS 431X1 FIRST-TERM AIRCRAFT GROUP COMPARISON | | | | OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX | | | | | | | | | |
|--|---|----------------|-------------------|--|-------------------|------------|-----------------|------------------|-----------------|-----------------|------|--|--|
| | | | | FCP602 | PAGE | 172 | | | | | | | |
| D TSM | TITLES | X1
TE
0* | 1-7
FLY
(M) | R71
(M) | P71
PCR
(M) | U-2
(M) | T-
33
(M) | F-
106
(M) | T-
37
(M) | X1
TD
(F) | | | |
| 267 | 21C. ADJUST DRAG CHUTE SYSTEM
- 3C 4C | | | | | | | | | | | | |
| M 214 | ADJUST DRAGCHUTE DOOR LIRAGE OR LATCHING MECHANISMS | 1.67 | .0 | 31.6 | 87.5 | 34.5 | 3.6 | 55.6 | 2.2 | .9 | 5.93 | | |
| 268 | 21D. REMOVE CHUTE ASSEMBLY
28/18 3C 4C | | | | | | | | | | | | |
| I 433 | REMOVE OR INSTALL DRAGCHUTES | 2.09 | .0 | 89.5 | .0 | 69.0 | .0 | 87.0 | .0 | 2.8 | 4.12 | | |
| 269 | 21E. INSTALL CHUTE ASSEMBLY
28/18 3C 4C | | | | | | | | | | | | |
| I 433 | REMOVE OR INSTALL DRAGCHUTES | 2.09 | .0 | 89.5 | .0 | 69.0 | .0 | 87.0 | .0 | 2.8 | 4.12 | | |
| 270 | 21F. TROUBLESHOOT DRAG CHUTE SYSTEM
- 28 3C | | | | | | | | | | | | |
| M 267 | INTERPRET SYSTEM SCHEMATICS | 1.77 | .0 | .0 | .0 | 10.3 | 21.4 | 13.0 | 2.2 | 3.7 | 6.82 | | |
| M 273 | ISOLATE DRAGCHUTE SYSTEM MALFUNCTIONS | 1.33 | .0 | 26.3 | 62.5 | 31.0 | 3.6 | 48.1 | .0 | .0 | 6.38 | | |
| M 266 | INTERPRET SYSTEM LAYOUT DRAWINGS OR BLUEPRINTS | .91 | .0 | 10.3 | 12.5 | 27.6 | 7.1 | 9.3 | 2.2 | 2.8 | 6.69 | | |
| M 265 | INTERPRET SYSTEM GRAPHS OR CHARTS | .85 | .0 | 5.3 | 12.5 | 6.9 | 3.6 | 7.4 | .0 | 2.8 | 5.78 | | |
| 271 | 21G. INSPECT DRAG CHUTE SYSTEM
28/18 3C 4C | | | | | | | | | | | | |
| M 246 | INSPECT DRAGCHUTE SYSTEMS | 1.99 | .0 | 94.7 | 100.0 | 89.7 | 3.6 | 85.2 | 2.2 | 7.3 | 5.23 | | |
| 272 | 22. AEROSPACE GROUND EQUIPMENT | | | | | | | | | | | | |
| 273 | 22A. MAINTENANCE STANDS: (1) INSPECT OR 12) USE | | | | | | | | | | | | |
| I 422 | OPERATE MAINTENANCE STANDS | 6.21 | 92.0 | 89.5 | 62.5 | 75.9 | 67.9 | 85.2 | 56.5 | 86.2 | 2.55 | | |
| P 836 | PERFORM NONPOWERED ABE PRIOR-TO-USE INSPECTIONS | 3.57 | 8.0 | 5.3 | 12.5 | 6.9 | 7.1 | 14.8 | 17.4 | 11.0 | 2.98 | | |
| 274 | 22B. AIRCRAFT JACKS: (1) INSPECT OR 12) USE | | | | | | | | | | | | |
| I 405 | JACK AIRCRAFT USING AXLE JACKS | 6.88 | 76.0 | 10.5 | 75.0 | 51.7 | 82.1 | 79.6 | 82.6 | 89.7 | 3.43 | | |

D TSK TITLES

I 404 JACK AIRCRAFT USING TRIPOD JACKS
P 834 PERFORM NONPOWERED AGE PRIOR-TO-USE INSPECTIONS

275 22C. OXYGEN SERVICING EQUIPMENT: 28/18 NC 4C
111 INSPECT OR 121 USE

P 834 PERFORM NONPOWERED AGE PRIOR-TO-USE INSPECTIONS
P 828 OPERATIONALLY CHECK LOX SERVICING CARTS
P 826 OPERATIONALLY CHECK GASEOUS OXYGEN SERVICING CARTS

276 22D. AIR COMPRESSORST 111 INSPECT OR 28/18 3C 4C
121 USE

I 412 OPERATE AIR COMPRESSORS

277 22E. GROUND HEATERS AND BLOWERS: 28/18 3C 4C
111 INSPECT OR 121 USE

I 418 OPERATE GROUND HEATERS
I 425 REMOVE SNOW OR ICE FROM AIRCRAFT USING AGE

278 22F. PORTABLE GENERATORS: 111 INSPECT OR 28/18 3C 4C
121 USE

I 424 OPERATE PORTABLE GENERATORS

279 22G. PORTABLE LIGHTING EQUIPMENT: 28/18 3C 3C
111 INSPECT OR 121 USE

I 425 OPERATE PORTABLE LIGHTING EQUIPMENT

280 22H. PORTABLE HYDRAULIC TEST STAND: - 28 3C
111 INSPECT OR 121 USE

I 421 OPERATE HYDRAULIC TEST STANDS

| | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| X1 | A-7 | P71 | P71 | U-2 | 1- | F- | 1- | X1 |
| TF | (M) | FL7 | P2R | (M) | 33 | 106 | 37 | 38 |
| AD* | (M) | (M) | (M) | (M) | (M) | (M) | (M) | (F) |

| | | | | | | | | |
|------|------|------|------|------|------|------|------|------|
| 6.73 | 92.0 | 31.6 | 87.5 | 24.1 | 96.4 | 96.3 | 89.1 | 71.6 |
| 3.57 | 8.0 | 5.3 | 12.5 | 6.9 | 7.1 | 14.8 | 17.4 | 11.0 |

| | | | | | | | | |
|------|------|------|------|------|------|------|------|------|
| 3.57 | 8.0 | 5.3 | 12.5 | 6.9 | 7.1 | 14.8 | 17.4 | 11.0 |
| 3.37 | 28.0 | 21.1 | .0 | 31.0 | 3.6 | 46.3 | .0 | 39.4 |
| 2.04 | 8.0 | 10.5 | .0 | 20.7 | 39.3 | 7.4 | 58.7 | 5.5 |

| | | | | | | | | |
|------|------|------|------|-----|------|------|------|------|
| 5.96 | 48.0 | 21.1 | 25.0 | 6.9 | 50.0 | 90.7 | 82.6 | 59.6 |
|------|------|------|------|-----|------|------|------|------|

| | | | | | | | | |
|------|------|------|------|------|------|------|------|------|
| 5.34 | 72.0 | 78.9 | 25.0 | 44.8 | 50.0 | 87.0 | 52.2 | 57.8 |
| 3.67 | 28.0 | .0 | .0 | 20.7 | 25.0 | 25.9 | 37.0 | 41.3 |

| | | | | | | | | |
|------|------|------|------|------|------|------|------|------|
| 5.63 | 72.0 | 78.9 | 12.5 | 31.0 | 50.0 | 75.9 | 58.7 | 67.0 |
|------|------|------|------|------|------|------|------|------|

| | | | | | | | | |
|------|------|------|------|------|------|------|------|------|
| 8.25 | 92.0 | 78.9 | 50.0 | 72.4 | 78.6 | 90.7 | 82.6 | 83.5 |
|------|------|------|------|------|------|------|------|------|

| | | | | | | | | |
|------|------|------|------|------|------|------|------|------|
| 5.15 | 32.0 | 89.5 | 25.0 | 10.3 | 67.9 | 72.2 | 26.1 | 36.7 |
|------|------|------|------|------|------|------|------|------|

| O TSK | 7172LS | X1
TE
=0* | A-7
(M) | R71
FLT
(M) | R71
PCR
(M) | U-2
(M) | T-
33
(M) | F-
106
(M) | T-
37
(M) | X1
38
(M) | Y0
30
(F) |
|-------|---|-----------------|------------|-------------------|-------------------|------------|-----------------|------------------|-----------------|-----------------|-----------------|
| | | | | | | | | | | | |
| 281 | 221. AIR CONDITIONING UNITS: (1)INSPECT 28/B 3C 4C
OR (2)USE | | | | | | | | | | |
| 1 823 | OPERATE PORTABLE AIR-CONDITIONING EQUIPMENT | 2.89 | 4.0 | 89.2 | 40 | 27.6 | 3.6 | 18.5 | .0 | 1.8 | 4.00 |
| 282 | 22J. GAS TURBINE COMPRESSORS: (1)INSPECT 28/18 3C 4C
OR (2)USE | | | | | | | | | | |
| 1 817 | OPERATE GAS TURBINE COMPRESSORS | 3.85 | 28.0 | 21.1 | 40 | 17.2 | 25.0 | 42.8 | 17.4 | 53.2 | 3.91 |
| 283 | 22K. TOW VEHICLES: (1)INSPECT OR (2)USE 28/- 3C 3C | | | | | | | | | | |
| 1 826 | OPERATE TOW VEHICLES DURING AIRCRAFT TOWING OPERATIONS | 8.28 | 36.0 | 5.3 | 40 | 24.1 | 64.5 | 64.8 | 41.3 | 51.4 | 4.45 |
| 284 | 22L. NITROGEN SERVICING EQUIPMENT: 28/- 3C 3C
(1)INSPECT OR (2)USE | | | | | | | | | | |
| P 834 | PERFORM NONPOWERED AGE PRIOR-TO-USE INSPECTIONS | 3.57 | 8.0 | 5.3 | 12.5 | 6.9 | 7.1 | 14.8 | 17.4 | 11.0 | 2.98 |
| P 829 | OPERATIONALLY CHECK NITROGEN SERVICING CARTS | 3.42 | 24.0 | 26.3 | 12.5 | 31.0 | 7.1 | 3.7 | 4.3 | 27.5 | 3.85 |
| 285 | 22M. MOISTING EQUIPMENT: (1)INSPECT OR 28/- 4C 4C
(2)USE | | | | | | | | | | |
| P 834 | PERFORM NONPOWERED AGE PRIOR-TO-USE INSPECTIONS | 3.57 | 8.0 | 5.3 | 12.5 | 6.9 | 7.1 | 14.8 | 17.4 | 11.0 | 2.98 |
| 286 | 22N. POWER PLANT STANDS AND DOLLIES: 28/- 4C 4C
(1)INSPECT OR (2)USE | | | | | | | | | | |
| P 834 | PERFORM NONPOWERED AGE PRIOR-TO-USE INSPECTIONS | 3.57 | 8.0 | 5.3 | 12.5 | 6.9 | 7.1 | 14.8 | 17.4 | 11.0 | 2.98 |

STS 433X1 FIRST-TERM AIRCRAFT GROUP COMPARISON

FCP602 PAGE 175

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

| U TSM | TITLES | Y1 | A-7 | R71 | R71 | U-2 | T- | F- | T- | X1 |
|-------|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | TE | (M) | FLY | PCR | (M) | (M) | (M) | (M) | (M) |
| | | *0* | | (M) | | | | | | (F) |

TASKS NOT REFERENCED

| | | | | | | | | | | | |
|-------|---|------|------|------|-------|------|------|------|------|------|------|
| 6 200 | ORDER PARTS BY VOICE COMMUNICATIONS | 4.09 | 16.0 | 21.1 | 50.0 | 34.5 | 42.9 | 13.0 | 47.8 | 35.8 | 3.89 |
| I 436 | REMOVE SNOW OR ICE FROM AIRCRAFT MANUALLY | 4.01 | 36.0 | 5.3 | .0 | 10.3 | 57.1 | 48.1 | 34.8 | 48.6 | 3.53 |
| M 378 | RETORQUE STRUCTURE MOUNT BOLTS | 3.87 | 12.0 | 15.8 | 50.0 | 41.4 | 46.4 | 33.3 | 10.9 | 29.4 | 4.36 |
| P 841 | TOW NONPOWERED ABE | 3.71 | 24.0 | 5.3 | 25.0 | 17.2 | 39.3 | 35.2 | 17.4 | 26.6 | 2.12 |
| I 388 | COOL HOT WIRRES | 3.65 | 8.0 | 89.5 | .0 | 3.4 | 7.1 | 31.5 | 2.2 | 13.8 | 6.55 |
| I 427 | PERFORM AIRCRAFT COLD WEATHER PROCEDURES | 3.55 | 8.0 | 26.3 | .0 | 13.8 | 25.0 | 35.2 | 23.9 | 23.9 | 4.32 |
| P 818 | RETRAIN MAINTENANCE STUNDS | 3.33 | .0 | 5.3 | .0 | 3.4 | 7.1 | 18.5 | 10.9 | 11.0 | 3.04 |
| P 837 | SERVICE HYDRAULIC SERVICING CARTS | 3.28 | .0 | .0 | .0 | 24.1 | 10.7 | 55.6 | 4.3 | 20.2 | 2.80 |
| M 231 | DESERVE LINCENWS | 3.24 | .0 | 47.4 | 50.0 | 38.6 | 50.0 | 11.1 | 13.0 | 8.3 | 6.79 |
| P 840 | SERVICE OIL SERVICING CARTS | 3.23 | .0 | 26.3 | .0 | 10.3 | 3.6 | 46.3 | 21.7 | 21.1 | 2.74 |
| P 824 | MAINTAIN WARNING SIGNS, SUCH AS "DANGER AIRCRAFT ON JACKS" | 3.08 | 12.0 | .0 | 87.5 | 17.2 | 10.7 | 20.4 | 6.5 | 3.7 | 2.15 |
| P 816 | MAINTAIN HYDRAULIC SERVICING CARTS | 2.94 | 4.0 | 5.3 | .0 | 13.8 | 14.3 | 27.8 | 8.7 | 21.1 | 3.62 |
| M 320 | REMOVE OR INSTALL CANOPY RAIN SEALS | 2.93 | 4.0 | .0 | 12.5 | 3.4 | 7.1 | 31.5 | 54.3 | 2.8 | 4.21 |
| P 813 | MAINTAIN AIRCRAFT JACKS | 2.85 | 4.0 | .0 | 100.0 | 31.0 | 14.3 | 25.9 | 6.5 | 5.5 | 3.47 |
| P 811 | TRANSPORT EXTERNAL FUEL TANKS FROM ON TO STORAGE AREAS | 2.72 | 48.0 | .0 | .0 | .0 | 28.6 | 42.6 | .0 | .0 | 2.93 |
| P 823 | MAINTAIN TOWING EQUIPMENT OTHER THAN VEHICLES | 2.71 | 52.0 | .0 | .0 | 58.6 | 3.6 | 72.2 | .0 | .0 | 3.23 |
| P 825 | MAINTAIN OIL SERVICING CARTS | 2.62 | 8.0 | 10.5 | .0 | 10.3 | .0 | 16.7 | 15.2 | 22.9 | 3.36 |
| P 825 | MAINTAIN WASTE OIL OR CONTAMINATED FUEL BOWSERS | 2.58 | .0 | 10.5 | .0 | 3.4 | 7.1 | 27.8 | 4.3 | 8.3 | 2.86 |
| O 808 | REMOVE OR INSTALL STAND PIPES OR SEALS ON EXTERNAL FUEL TANKS | 2.49 | 56.0 | .0 | .0 | .0 | 7.1 | 11.1 | .0 | .0 | 4.46 |
| M 772 | REMOVE OR INSTALL LIGHT REFLECTORS | 2.41 | 12.0 | .0 | .0 | 10.3 | 21.4 | 14.8 | 37.0 | 20.2 | 2.31 |
| M 769 | REMOVE OR INSTALL FUSES OR CURRENT LIMITERS | 2.36 | 20.0 | 5.3 | .0 | 6.9 | 28.6 | 70.4 | 37.0 | 27.3 | 3.77 |
| O 800 | PREPARE EXTERNAL FUEL TANKS FOR STORAGE | 2.31 | 56.0 | .0 | .0 | 3.4 | 32.1 | 44.4 | 2.2 | .0 | 4.48 |
| P 820 | MAINTAIN NITROGEN SERVICING CARTS | 2.30 | .0 | 5.3 | .0 | .0 | .0 | 3.7 | 6.5 | 13.8 | 3.55 |
| M 376 | REMOVE SCRATCHES FROM TRANSPARENT SURFACES | 2.28 | 16.0 | 5.3 | .0 | 10.3 | 14.3 | 18.5 | 6.5 | 5.5 | 5.32 |
| M 319 | REMOVE OR INSTALL CANOPY PRESSURE SEALS | 2.28 | 4.0 | 5.3 | .0 | 6.9 | 28.6 | 51.9 | 28.3 | 10.1 | 5.29 |
| P 817 | MAINTAIN LOX SERVICING CARTS | 2.24 | 8.0 | 5.3 | .0 | .0 | 3.6 | 14.6 | 2.2 | 10.1 | 4.31 |
| M 237 | INSPECT AIRCRAFT EMERGENCY EQUIPMENT FOR AVAILABILITY, SUCH AS FIRST AID KITS, TOOLS, OR FIRE EXTINGUISHERS | 1.99 | 48.0 | 21.1 | .0 | 13.8 | 10.7 | 31.5 | 21.7 | 22.0 | 3.89 |
| J 962 | BREAK DOWN WHEEL AND TIRE ASSEMBLIES | 1.93 | .0 | .0 | 87.5 | 41.4 | 28.6 | 20.4 | 10.9 | 9.2 | 4.46 |
| J 963 | BUILD UP WHEEL AND TIRE ASSEMBLIES | 1.88 | .0 | .0 | 87.5 | 31.0 | 25.0 | 16.7 | 9.7 | 5.5 | 4.56 |
| I 416 | OPERATE DOLLIES, SLINGS, OR CRAWLERS | 1.85 | 56.0 | 26.3 | 62.5 | 28.1 | 53.6 | 13.0 | 4.3 | 26.6 | 4.36 |
| M 302 | REMOVE OR INSTALL ACCESS DOOR OR MATCH PRESSURE SEALS | 1.83 | 12.0 | 15.8 | 12.5 | 24.1 | 28.6 | 38.9 | 6.5 | 9.2 | 4.72 |
| M 352 | REMOVE OR INSTALL SEATBELTS OR SHOULDER HARNESSES | 1.78 | 4.0 | .0 | .0 | 3.4 | 10.7 | 3.7 | 6.5 | 3.7 | 4.43 |
| P 819 | MAINTAIN MAINTENANCE TRAILERS OR DOLLIES | 1.75 | .0 | 5.3 | 62.5 | 17.2 | 3.6 | 7.4 | .0 | 1.8 | 3.27 |
| R 859 | ADJUST THROTTLE LINKAGES OR CABLES | 1.71 | .0 | .0 | 75.0 | 17.2 | 10.7 | 33.3 | 4.3 | 5.5 | 5.80 |
| R 860 | ADJUST THROTTLE QUADRANTS | 1.71 | .0 | .0 | 50.0 | 17.2 | 17.9 | 27.8 | 19.6 | 6.4 | 6.16 |
| X1040 | REMOVE OR INSTALL TPR DOORS | 1.71 | 7.0 | 52.6 | .0 | .0 | .0 | 46.3 | .0 | .0 | 4.98 |
| P 833 | PERFORM PINOR MAINTENANCE ON LOX CARTS, SUCH AS TIGHTENING SCREWS OR BOLTS | 1.64 | 4.0 | 5.3 | .0 | 3.4 | 3.6 | 20.4 | .0 | 8.3 | 2.68 |
| P 815 | MAINTAIN BASEDUS OXYGEN SERVICING CARTS | 1.59 | .0 | .0 | .0 | .0 | 35.7 | 3.7 | 45.7 | 5.5 | 3.89 |
| B 59 | WHITE CORRESPONDENCE | 1.55 | .0 | .0 | .0 | .0 | 3.6 | 1.9 | 6.5 | 2.8 | 6.55 |
| I 404 | INSTALL OR REMOVE AIRCRAFT DECALS | 1.55 | 12.0 | 5.3 | .0 | 6.9 | 39.3 | 24.1 | 6.5 | 19.3 | 2.83 |
| E 104 | ANNUNCIATE EQUIPMENT DISCREPANCIES FORMS (TP FORM 2421) | 1.54 | 4.0 | 10.5 | .0 | 3.4 | .0 | 11.1 | 6.5 | 11.0 | 4.38 |
| P 839 | SERVICE NITROGEN SERVICING CARTS | 1.53 | .0 | .0 | .0 | .0 | 3.6 | 1.9 | 2.2 | 8.3 | 3.35 |
| R 849 | ISOLATE THROTTLE SYSTEM MALFUNCTIONS | 1.52 | .0 | .0 | 25.0 | 6.9 | 14.3 | 13.0 | 2.2 | 1.8 | 6.59 |
| M 340 | STRAIGHTEN OR REMOVE SMALL DENTS FROM AIRCRAFT PANELS | 1.50 | 40.0 | 10.5 | .0 | 17.2 | 21.4 | 16.7 | 13.0 | 8.3 | 4.43 |

1 STD DEVIATION
ABOVE MEAN INC EMPHASIS

TRAINING EMPHASIS RATINGS
AVERAGE IN

SYS 431X1 FIRST-TERM AIRCRAFT GROUP COMPARISON

FCP602 PAGE 176

USAFOMC (ATC) RANDOLPH AFB TX

OCCUPATIONAL ANALYSIS PROGRAM

TITLES

D TSM

X1

TE

AD

A-7

R71

FLY

R2R

U-2

T-

F-

T-

X1

TE

AD

A-7

R71

FLY

R2R

U-2

T-

F-

T-

X1

TE

AD

A-7

R71

FLY

R2R

U-2

T-

F-

T-

X1

TE

AD

A-7

R71

FLY

R2R

U-2

T-

F-

T-

X1

TE

AD

A-7

R71

FLY

R2R

U-2

T-

F-

T-

X1

TE

AD

A-7

R71

FLY

R2R

U-2

T-

F-

T-

X1

TE

AD

A-7

R71

FLY

R2R

U-2

T-

F-

T-

X1

TE

AD

A-7

R71

FLY

R2R

U-2

T-

F-

T-

X1

TE

AD

A-7

R71

FLY

R2R

U-2

T-

F-

T-

X1

TE

AD

A-7

R71

FLY

R2R

U-2

T-

F-

T-

X1

TE

AD

A-7

R71

FLY

R2R

U-2

T-

F-

T-

X1

TE

AD

A-7

R71

FLY

R2R

U-2

T-

F-

T-

X1

TE

AD

A-7

R71

FLY

R2R

U-2

T-

F-

T-

X1

TE

AD

A-7

R71

FLY

R2R

U-2

T-

F-

T-

X1

TE

AD

A-7

R71

FLY

R2R

U-2

T-

F-

T-

X1

TE

AD

A-7

R71

FLY

R2R

U-2

T-

F-

T-

X1

TE

AD

A-7

R71

FLY

R2R

U-2

T-

F-

T-

X1

TE

AD

A-7

R71

FLY

R2R

U-2

T-

F-

T-

X1

TE

AD

A-7

R71

FLY

R2R

U-2

T-

F-

T-

X1

TE

AD

A-7

R71

FLY

R2R

U-2

T-

F-

T-

X1

TE

AD

A-7

R71

FLY

R2R

U-2

T-

F-

T-

X1

TE

AD

A-7

R71

FLY

R2R

U-2

T-

F-

T-

X1

TE

AD

A-7

R71

FLY

R2R

U-2

T-

F-

T-

X1

TE

AD

A-7

R71

FLY

R2R

U-2

T-

F-

T-

X1

TE

AD

A-7

R71

FLY

R2R

U-2

T-

F-

T-

X1

TE

AD

A-7

R71

FLY

R2R

U-2

T-

F-

T-

X1

TE

AD

A-7

R71

FLY

R2R

U-2

T-

F-

T-

X1

TE

AD

A-7

R71

FLY

R2R

U-2

T-

F-

T-

X1

TE

AD

A-7

R71

FLY

R2R

U-2

STS 431X1 FIRST-TERM AIRCRAFT GROUP COMPARISON

FCP602 PAGE 177

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

| D TSK | TITLES | X1
TE | A-7
(M) | R71
FLY
(M) | R71
PER
(M) | U-2
(M) | T-
33
(M) | F-
106
(M) | T-
37
(M) | X1
YD
(M) | X1
(F) |
|-------|---|----------|------------|-------------------|-------------------|------------|-----------------|------------------|-----------------|-----------------|-----------|
| J 522 | REMOVE OR INSTALL LANDING GEAR MANUAL EXTENSION MECHANISM COMPONENTS | .86 | .0 | .0 | .0 | .0 | 3.4 | 7.1 | 1.9 | 2.2 | 3.7 5.61 |
| O 787 | ISOLATE FUEL TANK FEED SYSTEM MALFUNCTIONS | .85 | .0 | .0 | .0 | .0 | 6.9 | 17.9 | 1.9 | 2.2 | .0 6.31 |
| A 24 | PREPARE JOB DESCRIPTIONS | .84 | .0 | 5.3 | .0 | .0 | 3.4 | .0 | 3.7 | 4.3 | 1.8 6.01 |
| M 277 | ISOLATE RAT DOOR SYSTEM MALFUNCTIONS | .82 | .0 | .0 | .0 | .0 | .0 | 3.6 | 44.4 | .0 | .0 5.97 |
| I 432 | POSITION CRASH RECOVERY EQUIPMENT WITHIN CRASH SITE OR DISABLED AIRCRAFT AREAS | .82 | .0 | .0 | .0 | 37.5 | 13.8 | 10.7 | 5.6 | .0 | 1.8 5.14 |
| M 228 | ADJUST SEAT LOCKING MECHANISMS | .82 | .0 | 5.3 | .0 | .0 | .0 | 3.6 | 1.9 | 10.9 | 2.8 5.16 |
| M 745 | INSPECT BATTERY CHARGERS | .78 | 20.0 | .0 | .0 | .0 | .0 | 10.7 | 40.7 | .0 | 5.5 4.53 |
| M 739 | SERVICE TAIL BUMPERS | .78 | .0 | .0 | .0 | .0 | .0 | .0 | 1.9 | .0 | .0 3.93 |
| A 14 | ESTABLISH PUBLICATION LIBRARIES | .77 | .0 | .0 | .0 | .0 | .0 | 7.1 | .0 | .0 | 1.8 6.30 |
| P 832 | PERFORM MINOR MAINTENANCE ON ENGINE INTAKE SCREENS, SUCH AS REPLACING RIVETS OR STRAIGHTENING PARTS | .76 | .0 | .0 | .0 | .0 | 10.3 | .0 | 7.4 | .0 | .9 3.10 |
| M 332 | REMOVE OR INSTALL EJECTION SEATS | .76 | .0 | .0 | .0 | .0 | .0 | 14.3 | 18.5 | .0 | .9 7.16 |
| I 409 | MAINTAIN CRASH RECOVERY EQUIPMENT, SUCH AS LIFTING BAGS OR SLINGS | .75 | .0 | .0 | .0 | 62.5 | 17.2 | 7.1 | .0 | .0 | 2.8 5.76 |
| M 714 | INSPECT TAIL BUMPERS | .72 | 4.0 | .0 | .0 | .0 | .0 | .0 | 5.6 | .0 | .0 4.06 |
| O 806 | REMOVE OR INSTALL INTERNAL AUXILIARY FUEL TANKS | .72 | .0 | .0 | .0 | .0 | .0 | 14.3 | 5.6 | .0 | .9 5.31 |
| C 98 | REVIEW CORRESPONDENCE | .71 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.2 | 1.8 5.06 |
| M 242 | INSPECT BOMB BAY DOOR SYSTEMS | .71 | .0 | .0 | .0 | .0 | .0 | 3.6 | 14.8 | 2.2 | 3.7 4.66 |
| O 788 | ISOLATE FUEL TANK PRESSURE SYSTEM MALFUNCTIONS | .71 | .0 | .0 | .0 | .0 | 6.9 | 14.3 | 1.9 | .0 | .0 6.30 |
| R 855 | ADJUST ENGINE FUEL CONTROLS | .69 | .0 | .0 | .0 | .0 | .0 | 14.3 | 16.7 | .0 | .9 4.42 |
| M 308 | REMOVE OR INSTALL AIR DEFLECTOR DOOR COMPONENTS | .69 | .0 | 5.3 | .0 | .0 | .0 | .0 | 7.4 | 4.3 | .0 5.32 |
| I 392 | DIRECT CRASH RECOVERY OPERATIONS | .69 | .0 | .0 | .0 | 25.0 | 10.3 | 7.1 | 3.7 | 2.2 | 1.8 4.99 |
| M 349 | REMOVE OR INSTALL RELIEF FACILITY COMPONENTS | .68 | 36.0 | .0 | .0 | .0 | 27.6 | 25.0 | 7.4 | .0 | 2.8 4.00 |
| O 851 | STOW -21 SUPPORT EQUIPMENT | .68 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 3.04 |
| I 419 | OPERATE HIGHLIGHT BOOMS | .68 | .0 | 5.3 | .0 | .0 | 3.4 | 14.3 | 3.7 | .0 | .0 4.50 |
| M 226 | ADJUST WING FOLD LATCHING MECHANISMS | .68 | 28.0 | .0 | .0 | 12.5 | 6.9 | 3.6 | .0 | 2.2 | .0 5.99 |
| M 206 | ADJUST AFT CARGO DOOR OR RAMP LINNAGE OR LATCHING MECHANISMS | .66 | .0 | .0 | .0 | 25.0 | 3.4 | .0 | 1.9 | 2.2 | .9 5.58 |
| O 775 | BUILD UP EXTERNAL FUEL TANKS | .66 | 12.0 | .0 | .0 | .0 | .0 | 21.4 | 9.3 | .0 | .0 4.88 |
| J 478 | INSPECT LANDING GEAR SHOCKERS | .65 | .0 | 5.3 | .0 | 37.5 | 10.3 | 3.6 | 14.8 | .0 | 2.8 4.80 |
| M 334 | REMOVE OR INSTALL ENGINE STRUTS OR PYLONS | .64 | 12.0 | .0 | .0 | 37.5 | 13.6 | 7.1 | 20.4 | .0 | 3.7 6.08 |
| O 849 | PICK UP OR DELIVER -21 SUPPORT EQUIPMENT | .64 | .0 | .0 | .0 | .0 | .0 | 3.6 | 1.9 | .0 | .0 2.75 |
| P 822 | MAINTAIN PORTABLE MOISTS | .63 | .0 | 5.3 | .0 | 25.0 | 17.2 | .0 | 1.9 | .0 | .9 3.56 |
| M 241 | INSPECT BILGE PUMPS | .62 | .0 | .0 | .0 | .0 | .0 | .0 | 5.6 | .0 | 1.8 4.32 |
| M 331 | REMOVE OR INSTALL EJECTION SEAT COMPONENTS | .60 | .0 | 5.3 | .0 | .0 | .0 | 10.7 | 11.1 | .0 | .0 6.88 |
| L 859 | REMOVE OR INSTALL PUMP BRAKE SYSTEM COMPONENTS | .60 | .0 | .0 | .0 | .0 | .0 | 17.9 | 3.7 | .0 | 1.8 3.65 |
| G 198 | MAINTAIN PROPERTY CUSTODIAN AUTHORIZATION/CUSTODY RECEIPT LISTINGS TO CRECT | .59 | .0 | .0 | .0 | .0 | .0 | .0 | 1.9 | .0 | .0 5.17 |
| M 245 | INSPECT CREW ENTRANCE DOOR SYSTEMS | .59 | 12.0 | 21.1 | 12.5 | 6.9 | .0 | 7.1 | 7.4 | 2.2 | 9.2 4.62 |
| R 856 | ADJUST ENGINE OIL PRESSURE | .59 | .0 | .0 | .0 | .0 | .0 | 7.1 | 16.7 | .0 | .0 5.76 |
| O 846 | PACK OR UNPACK -21 SUPPORT EQUIPMENT | .58 | .0 | .0 | .0 | .0 | .0 | 3.6 | 1.9 | .0 | .0 3.29 |
| O 786 | ISOLATE FUEL CROSSFEED SYSTEM MALFUNCTIONS | .58 | .0 | .0 | .0 | .0 | 3.4 | 7.1 | 1.9 | 2.2 | .0 6.34 |
| O 847 | PERFORM CORROSION CONTROL ON -21 SUPPORT EQUIPMENT | .56 | .0 | .0 | .0 | .0 | .0 | 3.6 | .0 | .0 | .0 3.16 |
| A 23 | PREPARE BRIEFINGS | .55 | .0 | 5.3 | .0 | .0 | 3.4 | .0 | .0 | .0 | .9 6.63 |
| M 213 | ADJUST CREW ENTRANCE DOOR LATCHING MECHANISMS | .54 | .0 | .0 | .0 | 25.0 | 3.4 | 3.6 | 5.6 | .0 | 1.8 5.63 |
| M 211 | ADJUST CREW ENTRANCE DOOR ACTUATING MECHANISMS | .54 | .0 | 19.8 | 29.0 | 3.4 | 3.6 | 3.7 | .0 | 4.3 | 1.8 5.37 |
| L 660 | REMOVE OR INSTALL FLAP CARriage ASSEMBLY COMPONENTS | .53 | .0 | .0 | .0 | 12.5 | 10.3 | 3.6 | .0 | .0 | .0 5.87 |

STS 431X1 FIRST-TERM AIRCRAFT GROUP COMPARISON

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

FCP602 PAGE 178

| D TSM | TITLES | Y1 | Y2 | Y3 | Y4 | Y5 | Y6 | Y7 | Y8 | Y9 | Y10 | Y11 | Y12 | Y13 | Y14 | Y15 | Y16 | Y17 | Y18 | Y19 | Y20 | Y21 | Y22 | Y23 | Y24 | Y25 | Y26 | Y27 | Y28 | Y29 | Y30 | Y31 | Y32 | Y33 | Y34 | Y35 | Y36 | Y37 | Y38 | Y39 | Y40 | Y41 | Y42 | Y43 | Y44 | Y45 | Y46 | Y47 | Y48 | Y49 | Y50 | Y51 | Y52 | Y53 | Y54 | Y55 | Y56 | Y57 | Y58 | Y59 | Y60 | Y61 | Y62 | Y63 | Y64 | Y65 | Y66 | Y67 | Y68 | Y69 | Y70 | Y71 | Y72 | Y73 | Y74 | Y75 | Y76 | Y77 | Y78 | Y79 | Y80 | Y81 | Y82 | Y83 | Y84 | Y85 | Y86 | Y87 | Y88 | Y89 | Y90 | Y91 | Y92 | Y93 | Y94 | Y95 | Y96 | Y97 | Y98 | Y99 | Y100 | Y101 | Y102 | Y103 | Y104 | Y105 | Y106 | Y107 | Y108 | Y109 | Y110 | Y111 | Y112 | Y113 | Y114 | Y115 | Y116 | Y117 | Y118 | Y119 | Y120 | Y121 | Y122 | Y123 | Y124 | Y125 | Y126 | Y127 | Y128 | Y129 | Y130 | Y131 | Y132 | Y133 | Y134 | Y135 | Y136 | Y137 | Y138 | Y139 | Y140 | Y141 | Y142 | Y143 | Y144 | Y145 | Y146 | Y147 | Y148 | Y149 | Y150 | Y151 | Y152 | Y153 | Y154 | Y155 | Y156 | Y157 | Y158 | Y159 | Y160 | Y161 | Y162 | Y163 | Y164 | Y165 | Y166 | Y167 | Y168 | Y169 | Y170 | Y171 | Y172 | Y173 | Y174 | Y175 | Y176 | Y177 | Y178 | Y179 | Y180 | Y181 | Y182 | Y183 | Y184 | Y185 | Y186 | Y187 | Y188 | Y189 | Y190 | Y191 | Y192 | Y193 | Y194 | Y195 | Y196 | Y197 | Y198 | Y199 | Y200 | Y201 | Y202 | Y203 | Y204 | Y205 | Y206 | Y207 | Y208 | Y209 | Y210 | Y211 | Y212 | Y213 | Y214 | Y215 | Y216 | Y217 | Y218 | Y219 | Y220 | Y221 | Y222 | Y223 | Y224 | Y225 | Y226 | Y227 | Y228 | Y229 | Y230 | Y231 | Y232 | Y233 | Y234 | Y235 | Y236 | Y237 | Y238 | Y239 | Y240 | Y241 | Y242 | Y243 | Y244 | Y245 | Y246 | Y247 | Y248 | Y249 | Y250 | Y251 | Y252 | Y253 | Y254 | Y255 | Y256 | Y257 | Y258 | Y259 | Y260 | Y261 | Y262 | Y263 | Y264 | Y265 | Y266 | Y267 | Y268 | Y269 | Y270 | Y271 | Y272 | Y273 | Y274 | Y275 | Y276 | Y277 | Y278 | Y279 | Y280 | Y281 | Y282 | Y283 | Y284 | Y285 | Y286 | Y287 | Y288 | Y289 | Y290 | Y291 | Y292 | Y293 | Y294 | Y295 | Y296 | Y297 | Y298 | Y299 | Y300 | Y301 | Y302 | Y303 | Y304 | Y305 | Y306 | Y307 | Y308 | Y309 | Y310 | Y311 | Y312 | Y313 | Y314 | Y315 | Y316 | Y317 | Y318 | Y319 | Y320 | Y321 | Y322 | Y323 | Y324 | Y325 | Y326 | Y327 | Y328 | Y329 | Y330 | Y331 | Y332 | Y333 | Y334 | Y335 | Y336 | Y337 | Y338 | Y339 | Y340 | Y341 | Y342 | Y343 | Y344 | Y345 | Y346 | Y347 | Y348 | Y349 | Y350 | Y351 | Y352 | Y353 | Y354 | Y355 | Y356 | Y357 | Y358 | Y359 | Y360 | Y361 | Y362 | Y363 | Y364 | Y365 | Y366 | Y367 | Y368 | Y369 | Y370 | Y371 | Y372 | Y373 | Y374 | Y375 | Y376 | Y377 | Y378 | Y379 | Y380 | Y381 | Y382 | Y383 | Y384 | Y385 | Y386 | Y387 | Y388 | Y389 | Y390 | Y391 | Y392 | Y393 | Y394 | Y395 | Y396 | Y397 | Y398 | Y399 | Y400 | Y401 | Y402 | Y403 | Y404 | Y405 | Y406 | Y407 | Y408 | Y409 | Y410 | Y411 | Y412 | Y413 | Y414 | Y415 | Y416 | Y417 | Y418 | Y419 | Y420 | Y421 | Y422 | Y423 | Y424 | Y425 | Y426 | Y427 | Y428 | Y429 | Y430 | Y431 | Y432 | Y433 | Y434 | Y435 | Y436 | Y437 | Y438 | Y439 | Y440 | Y441 | Y442 | Y443 | Y444 | Y445 | Y446 | Y447 | Y448 | Y449 | Y450 | Y451 | Y452 | Y453 | Y454 | Y455 | Y456 | Y457 | Y458 | Y459 | Y460 | Y461 | Y462 | Y463 | Y464 | Y465 | Y466 | Y467 | Y468 | Y469 | Y470 | Y471 | Y472 | Y473 | Y474 | Y475 | Y476 | Y477 | Y478 | Y479 | Y480 | Y481 | Y482 | Y483 | Y484 | Y485 | Y486 | Y487 | Y488 | Y489 | Y490 | Y491 | Y492 | Y493 | Y494 | Y495 | Y496 | Y497 | Y498 | Y499 | Y500 | Y501 | Y502 | Y503 | Y504 | Y505 | Y506 | Y507 | Y508 | Y509 | Y510 | Y511 | Y512 | Y513 | Y514 | Y515 | Y516 | Y517 | Y518 | Y519 | Y520 | Y521 | Y522 | Y523 | Y524 | Y525 | Y526 | Y527 | Y528 | Y529 | Y530 | Y531 | Y532 | Y533 | Y534 | Y535 | Y536 | Y537 | Y538 | Y539 | Y540 | Y541 | Y542 | Y543 | Y544 | Y545 | Y546 | Y547 | Y548 | Y549 | Y550 | Y551 | Y552 | Y553 | Y554 | Y555 | Y556 | Y557 | Y558 | Y559 | Y560 | Y561 | Y562 | Y563 | Y564 | Y565 | Y566 | Y567 | Y568 | Y569 | Y570 | Y571 | Y572 | Y573 | Y574 | Y575 | Y576 | Y577 | Y578 | Y579 | Y580 | Y581 | Y582 | Y583 | Y584 | Y585 | Y586 | Y587 | Y588 | Y589 | Y590 | Y591 | Y592 | Y593 | Y594 | Y595 | Y596 | Y597 | Y598 | Y599 | Y600 | Y601 | Y602 | Y603 | Y604 | Y605 | Y606 | Y607 | Y608 | Y609 | Y610 | Y611 | Y612 | Y613 | Y614 | Y615 | Y616 | Y617 | Y618 | Y619 | Y620 | Y621 | Y622 | Y623 | Y624 | Y625 | Y626 | Y627 | Y628 | Y629 | Y630 | Y631 | Y632 | Y633 | Y634 | Y635 | Y636 | Y637 | Y638 | Y639 | Y640 | Y641 | Y642 | Y643 | Y644 | Y645 | Y646 | Y647 | Y648 | Y649 | Y650 | Y651 | Y652 | Y653 | Y654 | Y655 | Y656 | Y657 | Y658 | Y659 | Y660 | Y661 | Y662 | Y663 | Y664 | Y665 | Y666 | Y667 | Y668 | Y669 | Y670 | Y671 | Y672 | Y673 | Y674 | Y675 | Y676 | Y677 | Y678 | Y679 | Y680 | Y681 | Y682 | Y683 | Y684 | Y685 | Y686 | Y687 | Y688 | Y689 | Y690 | Y691 | Y692 | Y693 | Y694 | Y695 | Y696 | Y697 | Y698 | Y699 | Y700 | Y701 | Y702 | Y703 | Y704 | Y705 | Y706 | Y707 | Y708 | Y709 | Y710 | Y711 | Y712 | Y713 | Y714 | Y715 | Y716 | Y717 | Y718 | Y719 | Y720 | Y721 | Y722 | Y723 | Y724 | Y725 | Y726 | Y727 | Y728 | Y729 | Y730 | Y731 | Y732 | Y733 | Y734 | Y735 | Y736 | Y737 | Y738 | Y739 | Y740 | Y741 | Y742 | Y743 | Y744 | Y745 | Y746 | Y747 | Y748 | Y749 | Y750 | Y751 | Y752 | Y753 | Y754 | Y755 | Y756 | Y757 | Y758 | Y759 | Y760 | Y761 | Y762 | Y763 | Y764 | Y765 | Y766 | Y767 | Y768 | Y769 | Y770 | Y771 | Y772 | Y773 | Y774 | Y775 | Y776 | Y777 | Y778 | Y779 | Y780 | Y781 | Y782 | Y783 | Y784 | Y785 | Y786 | Y787 | Y788 | Y789 | Y790 | Y791 | Y792 | Y793 | Y794 | Y795 | Y796 | Y797 | Y798 | Y799 | Y800 | Y801 | Y802 | Y803 | Y804 | Y805 | Y806 | Y807 | Y808 | Y809 | Y810 | Y811 | Y812 | Y813 | Y814 | Y815 | Y816 | Y817 | Y818 | Y819 | Y820 | Y821 | Y822 | Y823 | Y824 | Y825 | Y826 | Y827 | Y828 | Y829 | Y830 | Y831 | Y832 | Y833 | Y834 | Y835 | Y836 | Y837 | Y838 | Y839 | Y840 | Y841 | Y842 | Y843 | Y844 | Y845 | Y846 | Y847 | Y848 | Y849 | Y850 | Y851 | Y852 | Y853 | Y854 | Y855 | Y856 | Y857 | Y858 | Y859 | Y860 | Y861 | Y862 | Y863 | Y864 | Y865 | Y866 | Y867 | Y868 | Y869 | Y870 | Y871 | Y872 | Y873 | Y874 | Y875 | Y876 | Y877 | Y878 | Y879 | Y880 | Y881 | Y882 | Y883 | Y884 | Y885 | Y886 | Y887 | Y888 | Y889 | Y890 | Y891 | Y892 | Y893 | Y894 | Y895 | Y896 | Y897 | Y898 | Y899 | Y900 | Y901 | Y902 | Y903 | Y904 | Y905 | Y906 | Y907 | Y908 | Y909 | Y910 | Y911 | Y912 | Y913 | Y914 | Y915 | Y916 | Y917 | Y918 | Y919 | Y920 | Y921 | Y922 | Y923 | Y924 | Y925 | Y926 | Y927 | Y928 | Y929 | Y930 | Y931 | Y932 | Y933 | Y934 | Y935 | Y936 | Y937 | Y938 | Y939 | Y940 | Y941 | Y942 | Y943 | Y944 | Y945 | Y946 | Y947 | Y948 | Y949 | Y950 | Y951 | Y952 | Y953 | Y954 | Y955 | Y956 | Y957 | Y958 | Y959 | Y960 | Y961 | Y962 | Y963 | Y964 | Y965 | Y966 | Y967 | Y968 | Y969 | Y970 | Y971 | Y972 | Y973 | Y974 | Y975 | Y976 | Y977 | Y978 | Y979 | Y980 | Y981 | Y982 | Y983 | Y984 | Y985 | Y986 | Y987 | Y988 | Y989 | Y990 | Y991 | Y992 | Y993 | Y994 | Y995 | Y996 | Y997 | Y998 | Y999 | Y1000 | Y1001 | Y1002 | Y1003 | Y1004 | Y1005 | Y1006 | Y1007 | Y1008 | Y1009 | Y1010 | Y1011 | Y1012 | Y1013 | Y1014 | Y1015 | Y1016 | Y1017 | Y1018 | Y1019 | Y1020 | Y1021 | Y1022 | Y1023 | Y1024 | Y1025 | Y1026 | Y1027 | Y1028 | Y1029 | Y1030 | Y1031 | Y1032 | Y1033 | Y1034 | Y1035 | Y1036 | Y1037 | Y1038 | Y1039 | Y1040 | Y1041 | Y1042 | Y1043 | Y1044 | Y1045 | Y1046 | Y1047 | Y1048 | Y1049 | Y1050 | Y1051 | Y1052 | Y1053 | Y1054 | Y1055 | Y1056 | Y1057 | Y1058 | Y1059 | Y1060 | Y1061 | Y1062 | Y1063 | Y1064 | Y1065 | Y1066 | Y1067 | Y1068 | Y1069 | Y1070 | Y1071 | Y1072 | Y1073 | Y1074 | Y1075 | Y1076 | Y1077 | Y1078 | Y1079 | Y1080 | Y1081 | Y1082 | Y1083 | Y1084 | Y1085 | Y1086 | Y1087 | Y1088 | Y1089 | Y1090 | Y1091 | Y1092 | Y1093 | Y1094 | Y1095 | Y1096 | Y1097 | Y1098 | Y1099 | Y1100 | Y1101 | Y1102 | Y1103 | Y1104 | Y1105 | Y1106 | Y1107 | Y1108 | Y1109 | Y1110 | Y1111 | Y1112 | Y1113 | Y1114 | Y1115 | Y1116 | Y1117 | Y1118 | Y1119 | Y1120 | Y1121 | Y1122 | Y1123 | Y1124 | Y1125 | Y1126 | Y1127 | Y1128 | Y1129 | Y1130 | Y1131 | Y1132 | Y1133 | Y1134 | Y1135 | Y1136 | Y1137 | Y1138 | Y1139 | Y1140 | Y1141 | Y1142 | Y1143 | Y1144 | Y1145 | Y1146 | Y1147 | Y1148 | Y1149 | Y1150 | Y1151 | Y1152 | Y1153 | Y1154 | Y1155 | Y1156 | Y1157 | Y1158 | Y1159 | Y1160 | Y1161 | Y1162 | Y1163 | Y1164 | Y1165 | Y1166 | Y1167 | Y1168 | Y1169 | Y1170 | Y1171 | Y1172 | Y1173 | Y1174 | Y1175 | Y1176 | Y1177 | Y1178 | Y1179 | Y1180 | Y1181 | Y1182 | Y1183 | Y1184 | Y1185 | Y1186 | Y1187 | Y1188 | Y1189 | Y1190 | Y1191 | Y1192 | Y1193 | Y1194 | Y1195 | Y1196 | Y1197 | Y1198 | Y1199 | Y1200 | Y1201 | Y1202 | Y1203 | Y1204 | Y1205 | Y1206 | Y1207 | Y1208 | Y1209 | Y1210 | Y1211 | Y1212 | Y1213 | Y1214 | Y1215 | Y1216 | Y1217 | Y1218 | Y1219 | Y1220 | Y1221 | Y1222 | Y1223 | Y1224 | Y1225 | Y1226 | Y1227 | Y1228 | Y1229 | Y1230 | Y1231 | Y1232 | Y1233 | Y1234 | Y1235 | Y1236 | Y1237 | Y1238 | Y1239 | Y1240 | Y1241 | Y1242 | Y1243 | Y1244 | Y1245 | Y1246 | Y1247 | Y1248 | Y1249 | Y1250 | Y1251 | Y1252 | Y1253 | Y1254 | Y1255 | Y1256 | Y1257 | Y1258 | Y1259 | Y1260 | Y1261 | Y1262 | Y1263 | Y1264 | Y1265 | Y1266 | Y1267 | Y1268 | Y1269 | Y1270 | Y1271 | Y1272 | Y1273 | Y1274 | Y1275 | Y1276 | Y1277 | Y1278 | Y1279 | Y1280 | Y1281 | Y1282 | Y1283 | Y1284 | Y1285 | Y1286 | Y1287 | Y1288 | Y1289 | Y1290 | Y1291 | Y1292 | Y1293 | Y1294 | Y1295 | Y1296 | Y1297 | Y1298 | Y1299 | Y1300 | Y1301 | Y1302 | Y1303 | Y1304 | Y1305 | Y1306 | Y1307 | Y1308 | Y1309 | Y1310 | Y1311 | Y1312 | Y1313 | Y1314 | Y1315 | Y1316 | Y1317 | Y1318 | Y1319 | Y1320 | Y1321 | Y1322 | Y1323 | Y1324 | Y1325 | Y1326 | Y1327 | Y1328 | |
|-------|--------|----|----|----|----|----|----|----|----|----|------|-------|--|
|-------|--------|----|----|----|----|----|----|----|----|----|------|-------|--|

STS 431X1 FIRST-TERM AIRCRAFT GROUP COMPARISON

FCP602 PAGE 179

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

| D TSK | TITLES | V1 | A-7
(M) | R71
FLT
(M) | R71
PCR
(M) | U-2
(M) | T-33
(M) | F-106
(M) | T-37
(M) | T-38
(M) | X1
TO
(F) |
|-------|--|-----|------------|-------------------|-------------------|------------|-------------|--------------|-------------|-------------|-----------------|
| S 942 | INSPECT COWL FLAPS | .25 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .9 4.31 |
| D 112 | DEVELOP RESIDENT COURSE OR CAREER DEVELOPMENT COURSE (CDC)
CURRICULUM MATERIALS | .25 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 7.61 |
| E 165 | ANNOTATE SERVICE REPORT RECORD FORMS (AFTO FORM 240) | .24 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 4.93 |
| M 210 | ADJUST CARGO COMPARTMENT PRESSURE DOOR LINKAGE OR LATCHING
MECHANISMS | .24 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 6.07 |
| M 232 | FOLD OR ERECT VERTICAL FINS | .24 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 5.11 |
| M 240 | LOAD OR UNLOAD CARGO | .24 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 5.69 |
| S 963 | REMOVE OR INSTALL SPARK PLUGS | .23 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 4.27 |
| M 269 | ISOLATE BOMB BAY DOOR SYSTEM MALFUNCTIONS | .23 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 6.82 |
| M 306 | REMOVE OR INSTALL AFT CARGO DOORS OR RAMPS | .23 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 6.15 |
| S 998 | INSPECT MAGNETS | .23 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 4.71 |
| S 959 | REMOVE OR INSTALL COWL FLAPS | .23 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 4.77 |
| S 955 | OPERATIONALLY CHECK COWL FLAPS | .22 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 4.84 |
| I 444 | SERVICE RADOME DEICING SYSTEMS | .22 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 3.91 |
| R 906 | OPERATIONALLY CHECK PROPELLER CONTROL SYSTEMS | .22 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 5.54 |
| S 939 | ADJUST COWL FLAPS | .21 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 5.03 |
| M 275 | ISOLATE GUN PURGE DOOR SYSTEM MALFUNCTIONS | .21 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 6.08 |
| J 475 | INSPECT LANDING GEAR KNEELING SYSTEMS | .21 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 4.98 |
| M 272 | ISOLATE CREW ENTRANCE DOOR SYSTEMS MALFUNCTIONS | .21 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 6.29 |
| S 946 | INSPECT EXHAUST MANIFOLDS | .21 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 4.24 |
| S 960 | REMOVE OR INSTALL MAGNETS | .21 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 5.63 |
| O 111 | DETERMINE RESIDENT COURSE TRAINING REQUIREMENTS | .20 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 6.28 |
| M 276 | ISOLATE PHOTOFLASH DOOR SYSTEM MALFUNCTIONS | .20 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 6.24 |
| R 852 | ADJUST BELMOUTH AIR INDUCTION CONTROL LINKAGE OR CABLES | .19 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 6.37 |
| S 944 | INSPECT CYLINDER HEADS | .19 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 6.87 |
| L 607 | ADJUST BOUNDARY LAYER CONTROL (BLC) VALVE LINKAGE | .19 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 6.11 |
| R 897 | ADJUST SPINE AIR INDUCTION CONTROL LINKAGE OR CABLES | .19 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 6.20 |
| M 260 | INSPECT SLIDING WINDOW MECHANISMS | .18 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 4.27 |
| J 530 | REMOVE OR INSTALL NOSE GEAR FOLDING BULWARDS | .18 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 5.57 |
| S 953 | OPERATE RECIPROCATING ENGINES | .18 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 5.93 |
| R 935 | REMOVE OR INSTALL TRANSLATING COWL INDUCTION SYSTEM
COMPONENTS | .18 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 5.76 |
| S 945 | INSPECT ENGINE OIL BREATHER STAND PIPES | .17 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 4.13 |
| M 248 | INSPECT FORWARD CARGO VISION OR RAMP SYSTEMS | .17 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 5.10 |
| M 244 | INSPECT CARGO COMPARTMENT PRESSURE DOOR SYSTEMS | .17 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 3.83 |
| I 446 | SERVICE THRUST AUGMENTATION SYSTEMS | .17 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 5.28 |
| R 919 | REMOVE OR INSTALL ENGINE FIREWALL SHUT OFF VALVE CONTROL
LINKAGE OR CABLES | .17 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 4.71 |
| J 476 | INSPECT LANDING GEAR LEVELING CYLINDERS | .17 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 6.83 |
| S 962 | REMOVE OR INSTALL RECIPROCATING ENGINES | .17 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 5.37 |
| M 224 | ADJUST TROOP DOOR LATCHING MECHANISMS | .17 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 5.74 |
| M 324 | REMOVE OR INSTALL CREW ENTRANCE DOOR CARRIAGE MECHANISM
COMPONENTS | .17 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 4.13 |
| S 993 | INSPECT CYLINDER FINS | .17 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 6.56 |
| S 961 | REMOVE OR INSTALL RECIPROCATING ENGINE PROPELLERS | .17 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 5.08 |
| T 974 | RIG ENGINE CONDITION CABLES | .16 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 5.12 |
| J 468 | INSPECT LANDING GEAR CROSSWIND CRAB SYSTEMS | .16 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 2.2 |
| A 18 | PLAN LAYOUTS OF FACILITIES | .16 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 2.2 |

SYS 031X1 FIRST-TERM AIRCRAFT GROUP COMPARISON

OCCUPATIONAL ANALYSIS PROGRAM

FCP602 PAGE 180

USAFOMC (ATC) RANDOLPH AFB TX

D TSM

TITLES

| X1 | A-7 | R71 | R71 | U-2 | T- | F- | T- | X1 |
|---|-----|------|-----|------|------|-----|-----|------|
| YE | FLY | PCR | FLY | (M) | (M) | (M) | (M) | TO |
| 000 | (M) | (M) | (M) | (M) | (M) | (M) | (M) | (F) |
| S 952 ISOLATE RECIPROCATING ENGINE OIL PRESSURE SYSTEM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.72 |
| WALFUNCTIONS | | | | | | | | |
| J 455 ADJUST LANDING GEAR KNEELING SYSTEM COMPONENTS | .16 | .0 | .0 | .0 | .0 | .0 | .0 | 5.86 |
| J 482 INSPECT LANDING GEAR TRUCKS OR BODIES | .16 | .0 | .0 | 10.3 | .0 | .0 | .0 | 4.87 |
| M 282 OPERATIONALLY CHECK AFT CARGO DOORS OR RAMPS | .15 | .0 | .0 | 12.5 | .0 | .0 | .0 | 4.87 |
| M 262 INSPECT UPPER DECK ACCESS LADDERS | .15 | .0 | .0 | 3.4 | .0 | .0 | .0 | 4.13 |
| J 510 REMOVE OR INSTALL LANDING GEAR BALL SCREWS | .15 | .0 | .0 | 12.5 | .0 | .0 | .0 | 5.30 |
| V 989 INSPECT TOW REELS | .15 | .0 | .0 | .0 | .0 | .0 | .0 | 4.18 |
| M 221 ADJUST SIDE CARGO DOOR OR RAMP LINKAGE OR LATCHING | .15 | .0 | .0 | 12.5 | .0 | .0 | .0 | 5.72 |
| MECHANISMS | | | | | | | | |
| I 307 BLEED THRUST AUGMENTATION SYSTEMS | .15 | .0 | .0 | .0 | .0 | .0 | .0 | 4.30 |
| R 854 ADJUST ENGINE FIREBALL SHUT OFF VALVE CONTROL LINKAGE OR | .15 | .0 | .0 | .0 | .0 | .0 | .0 | 5.32 |
| CABLES | | | | | | | | |
| T 971 OPERATE TURBOPROP ENGINES | .15 | .0 | .0 | .0 | .0 | .0 | .0 | 5.81 |
| M 215 ADJUST FORWARD CARGO VISOR OR RAMP LINKAGE OR LATCHING | .15 | .0 | .0 | .0 | .0 | .0 | .0 | 5.77 |
| MECHANISMS | | | | | | | | |
| M 305 REMOVE OR INSTALL AFT CARGO DOOR OR RAMP PRESSURE SEALS | .15 | .0 | .0 | .0 | .0 | .0 | .0 | 4.95 |
| M 251 INSPECT LIFERAFT STORAGE | .14 | .0 | .0 | .0 | .0 | .0 | .0 | 4.70 |
| M 572 OPERATIONALLY CHECK AVIONICS LIQUID COOLING SYSTEMS | .14 | .0 | .0 | .0 | .0 | .0 | .0 | 5.25 |
| V 990 INSPECT TOW TARGET BRIDGE ASSEMBLIES | .14 | .0 | .0 | .0 | .0 | .0 | .0 | 4.04 |
| M 225 ADJUST UPPER DECK ACCESS LADDER ACTUATING OR LATCHING | .14 | 12.0 | .0 | .0 | .0 | .0 | .0 | 5.05 |
| MECHANISMS | | | | | | | | |
| J 527 REMOVE OR INSTALL LANDING GEAR TRUCKS OR BODIES | .14 | .0 | .0 | 62.5 | 13.8 | .0 | .0 | 6.47 |
| S 950 ISOLATE RECIPROCATING ENGINE FUEL FLOW OR CARBURATOR SYSTEM | .14 | .0 | .0 | .0 | .0 | .0 | .0 | 7.10 |
| WALFUNCTIONS | | | | | | | | |
| M 250 INSPECT LIFERAFT DOOR RELEASE MECHANISMS | .13 | .0 | .0 | .0 | .0 | .0 | .0 | 4.83 |
| S 951 ISOLATE RECIPROCATING ENGINE IGNITION SYSTEM MALFUNCTIONS | .13 | .0 | .0 | .0 | .0 | .0 | .0 | 7.06 |
| M 259 INSPECT SIDE CARGO DOOR SYSTEMS | .13 | .0 | .0 | 12.5 | .0 | .0 | .0 | 4.70 |
| M 261 INSPECT TROOP DOOR SYSTEMS | .13 | .0 | .0 | .0 | .0 | .0 | .0 | 4.70 |
| O 804 REMOVE OR INSTALL FUEL MANIFOLD DRAIN PUMPS | .13 | .0 | .0 | .0 | .0 | .0 | .0 | 5.28 |
| M 217 ADJUST LIFERAFT DOOR RELEASE LINKAGE OR LATCHING | .13 | .0 | .0 | .0 | .0 | .0 | .0 | 5.64 |
| MECHANISMS | | | | | | | | |
| V 987 ASSEMBLE TOW TARGETS | .13 | .0 | .0 | .0 | .0 | .0 | .0 | 3.98 |
| M 395 REMOVE OR INSTALL SIDE CARGO DOOR LINKAGE OR LATCHING | .12 | .0 | .0 | 12.5 | .0 | .0 | .0 | 5.54 |
| MECHANISM COMPONENTS | | | | | | | | |
| J 477 INSPECT LANDING GEAR SKI SYSTEMS | .12 | .0 | .0 | .0 | .0 | .0 | .0 | 4.87 |
| S 957 REMOVE OR INSTALL CARBURATOR SCREENS | .12 | .0 | .0 | .0 | .0 | .0 | .0 | 4.69 |
| J 453 ADJUST LANDING GEAR CROSSING CRAB SYSTEM COMPONENTS | .12 | .0 | .0 | 3.4 | .0 | .0 | .0 | 5.92 |
| A 21 PREPARE AGENDA FOR STAFF MEETINGS | .12 | .0 | .0 | .0 | .0 | .0 | .0 | 6.16 |
| M 223 ADJUST TROOP DOOR CARRIAGE MECHANISMS | .12 | .0 | .0 | .0 | .0 | .0 | .0 | 5.31 |
| A 22 PREPARE AGENDA FOR SYMPOSIUMS, CONFERENCES, OR WORKSHOPS | .12 | .0 | .0 | .0 | .0 | .0 | .0 | 6.90 |
| M 271 ISOLATE CARGO COMPARTMENT PRESSURE DOOR SYSTEM | .12 | .0 | .0 | .0 | .0 | .0 | .0 | 6.71 |
| WALFUNCTIONS | | | | | | | | |
| M 358 REMOVE OR INSTALL SLIDING WINDOW LINKAGE OR LATCHING | .12 | .0 | .0 | 12.5 | 3.4 | .0 | .0 | 5.02 |
| MECHANISM COMPONENTS | | | | | | | | |
| M 379 SERVICE CAREPAS | .12 | .0 | .0 | .0 | .0 | .0 | .0 | 5.05 |
| J 457 ADJUST LANDING GEAR SKI SYSTEM COMPONENTS | .11 | .0 | .0 | .0 | .0 | .0 | .0 | 6.04 |
| R 802 ADJUST TRANSLATING COOL INDUCTION ACTUATOR ROOFS ENDS | .11 | .0 | .0 | .0 | .0 | .0 | .0 | 5.56 |
| R 893 INSPECT TRANSLATING COOL INDUCTION SYSTEMS | .11 | .0 | .0 | .0 | .0 | .0 | .0 | 4.79 |

Pages 181-184 deleted as they pertain primarily to AFSC 431X2.

POI 3A0R431X1/X2 MATCHED WITH 431X1 SURVEY DATA

POI 3A0R431X1/32, TACTICAL & AIRLIFT/BOMBARDMENT ACFT MAINTENANCE TNG
DATED JULY 1981D, IS PRESENTED BELOW WITH MATCHED JOB INVENTORY TASKS AND
OCCUPATIONAL SURVEY DATA FOR AFS 431X1.

USE OF POI FACPRY PRINTOUTS: POI OBJECTIVES ARE LISTED BETWEEN THE DOTTED
LINES, WITH MATCHED TASKS LISTED BELOW AND SURVEY DATA PRINTED TO THE RIGHT OF
EACH TASK. TRAINING OBJECTIVES CAN BE COMPARED WITH PERCENT PERFORMING, AND
THE RELATIVE TRAINING EMPHASIS AND TASK DIFFICULTY RATINGS (SEE ATCP 52-22 FOR
CRITERIA). PERFORMANCE OBJECTIVES WHICH ARE NOT WELL SUPPORTED CAN BE CON-
SIDERED FOR REPLACEMENT WITH OBJECTIVES INVOLVING TASKS PERFORMED BY HIGHER
PERCENTAGES OF INCUMBENTS AND RATED HIGHER IN TRAINING EMPHASIS AND TASK
DIFFICULTY. IN ADDITION, TASKS WHICH WERE NOT MATCHED WITH POI OBJECTIVES ARE
LISTED IN THE 'TASKS NOT REFERENCED' SECTION IN DESCENDING ORDER OF 431X1
FIRST-TERM TRAINING EMPHASIS. THESE TASKS CAN BE USED TO IDENTIFY TASKS WHICH
MAY WARRANT TRAINING AND WHICH CAN BE INCLUDED IN FUTURE POI'S. FOR A MORE
DETAILED EXPLANATION OF TRAINING EMPHASIS AND TASK DIFFICULTY RATINGS, SEE THE
NARRATIVE OCCUPATIONAL SURVEY REPORT OR 431X1 TRAINING REPORT, OR FOR
ASSISTANCE PHONE USRPOHC70NYO AT RUTOVON 487-5811.

VECTOR TYPE CODES:

- (T) = 3 TIME SPENT BY ALL MEMBERS
- (M) = 3 MEMBERS PERFORMING
- (P) = TASK FACTOR
- (D) = DICHOTOMOUS SET
- (B) = 3 TIME SPENT BY MEMBERS PERFORMING
- (-) = PROGRAM GENERATED VECTOR

| NO | TYPE | VECTOR | MEMB | SD | DESCRIPTION |
|----|------|--------|------|------|--------------------------------------|
| 1 | D | X1 TE | 1.50 | 1.69 | AFSC 431X1 TRAINING EMPHASIS RATINGS |
| 2 | M | 1STJOB | 710 | | 431X1 AIRMEN WITH 1-24 MOS AFMS |
| 3 | M | 1STEWL | 1809 | | 431X1 AIRMEN WITH 1-48 MOS AFMS |
| 4 | F | X1 TO | 5.00 | 1.00 | AFSC 431X1 TASK DIFFICULTY RATINGS |

POI 3A0R4311/12 MATCHED WITH 431X1 SURVEY DATA

POI 3A0R4311/32, TACTICAL & AIRLIFT/BOMBARDMENT ACFT MAINTENANCE INS
(DATED JULY 1981), IS PRESENTED BELOW WITH MATCHED JOB INVENTORY TASKS AND
OCCUPATIONAL SURVEY DATA FOR AFS 431X1.

USE OF POI FACPT PRINTOUTS: POI OBJECTIVES ARE LISTED BETWEEN THE DOTTED
LINES, WITH MATCHED TASKS LISTED BELOW AND SURVEY DATA PRINTED TO THE RIGHT OF
EACH TASK. TRAINING OBJECTIVES CAN BE COMPARED WITH PERCENT PERFORMING, AND
THE RELATIVE TRAINING EMPHASIS AND TASK DIFFICULTY RATINGS (SEE ATCW 52-22 FOR
CRITERIA). PERFORMANCE OBJECTIVES WHICH ARE NOT WELL SUPPORTED CAN BE CON-
SIDERED FOR REPLACEMENT WITH OBJECTIVES INVOLVING TASKS PERFORMED BY HIGHER
PERCENTAGES OF INCUMBENTS AND RATED HIGHER IN TRAINING EMPHASIS AND TASK
DIFFICULTY. IN ADDITION, TASKS WHICH WERE NOT MATCHED WITH POI OBJECTIVES ARE
LISTED IN THE 'TASKS NOT REFERENCED' SECTION IN DESCENDING ORDER OF 431X1
FIRST-TERM TRAINING EMPHASIS. THESE TASKS CAN BE USED TO IDENTIFY TASKS WHICH
MAY WARRANT TRAINING AND WHICH CAN BE INCLUDED IN FUTURE POI'S. FOR A MORE
DETAILED EXPLANATION OF TRAINING EMPHASIS AND TASK DIFFICULTY RATINGS, SEE THE
NARRATIVE OCCUPATIONAL SURVEY REPORT OR 431X1 TRAINING REPORT, OR FOR
ASSISTANCE PHONE USRPM/CJ/NOVO AT ROTUNDA 987-5811.

| O TSM | TITLES | X1
TE | 1ST
JOB
(M) | 1ST
ENC
(M) | X1
TO
(F) |
|-------|---|----------|-------------------|-------------------|-----------------|
| 000 | POI 43A0R4311/43132
TACTICAL AND AIRCRAFT/BOMBARDMENT AIRCRAFT MAINTENANCE
TRAINING
21 JUL 1981 - EFFECTIVE 1 OCTOBER 1981 | 00* | | | |

001 AIRCRAFT FUNDAMENTALS, SYSTEMS AND INSPECTION

002 1. ORIENTATION: (2 HRS)

003 2. CAREER PROGRESSION: (2 HRS)

004 24. GIVEN A LIST OF AIR FORCE SPECIALTY CODES (APCS), JOB
TITLES, AND DUTIES OF EACH SKILL LEVEL, MATCH EACH
SPECIALTY CODE WITH ITS JOB TITLE AND THE DUTIES OF THAT
SKILL LEVEL. MUST MATCH CORRECTLY NINE OUT OF 13
RESPONSES. (U; 1 HR)

| Y1 | 1ST | 1ST | X1 |
|-----|-----|-----|-----|
| TE | JOB | ENL | TD |
| *D* | (M) | (M) | (F) |

0 TSK TITLES

005 29. GIVEN APPLICABLE PUBLICATIONS INFORMATION, LIST THE REQUIREMENTS FOR PROMOTION/PROMOTION IN THE 431X1 CAREER FIELD, CORRECTLY COMPLETING SEVEN OF 11 RESPONSES. (M; 1HR)

006 3. SAFETY: GIVEN SAFETY INFORMATION AND A LIST OF INCOMPLETE STATEMENTS RELATING TO SAFETY, CORRECTLY COMPLETE 17 OF 22 STATEMENTS AND CORRECT RESPONSES TO 100 PERCENT ACCURACY. (M, PC; 3 HRS)

007 4. MAINTENANCE MANAGEMENT: GIVEN INFORMATION FROM AFM 66-1 AND AFR 66-5 AND A LIST OF RESPONSIBILITIES FOR THE MAINTENANCE ORGANIZATIONS AND FUNCTIONS UNDER THE DEPUTY COMMANDER FOR MAINTENANCE, MATCH THE ORGANIZATION WITH ITS FUNCTION OR RESPONSIBILITY. FOURTEEN OUT OF 20 RESPONSES MUST BE CORRECT. (M; 4 HRS)

008 5. TECHNICAL ORDERS. 16 HRS

009 5A. GIVEN LISTS OF TECHNICAL ORDER NUMBERS AND STATEMENTS OF PURPOSE, MATCH THE TECHNICAL ORDER NUMBERS TO THE PURPOSE. MUST CORRECTLY COMPLETE 10 OF 15 RESPONSES. (M; 2 HRS)

010 5B. USING AN AIRCRAFT -2 TECHNICAL ORDER, LOCATE MAINTENANCE INSTRUCTIONS FOR FOUR GIVEN TASKS WITH NO MORE THAN TWO INSTRUCTOR ASSISTS PER TASK. (M, PC; 2 HRS)

011 5C. USING AN AIRCRAFT -2 TECHNICAL ORDER ILLUSTRATED PARTS BREAKDOWN AND GIVEN PART NUMBER/DESCRIPTION, LOCATE THE REQUIRED INFORMATION FOR FOUR PARTS WITH NO MORE THAN TWO INSTRUCTOR ASSISTS. (M, PC; 2 HRS)

POI 3A0R331X1/12 MATCHED WITH 431X1 SURVEY DATA

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

FCP605 PAGE 1A0

PI 1ST 1ST XI
TE JOB ENL YD
#0* (M) (M) (F)

O TSK TITLES

012 6. AEROSPACE GROUND EQUIPMENT: USING INFORMATION FROM APPLICABLE TECHNICAL ORDERS, CHECK-LISTS, NECESSARY EQUIPMENT, AND WORKING IN TEAMS, PARTICIPATE IN POSITIONING AND OPERATING AEROSPACE GROUND EQUIPMENT COMPLETING SEVEN PROJECTS WITH NO MORE THAN FOUR INSTRUCTOR ASSISTS PER PROJECT PER TERM. (W, PC; 5 HRS)

| | | | | |
|---|------|------|------|------|
| I 425 OPERATE PORTABLE LIGHTING EQUIPMENT | 6.25 | 75.2 | 74.2 | 2.91 |
| I 422 OPERATE MAINTENANCE STANDS | 6.21 | 78.2 | 75.2 | 2.55 |
| I 431 POSITION AEROSPACE GROUND EQUIPMENT (AGE) TO AIRCRAFT | 6.08 | 71.7 | 70.8 | 3.07 |
| I 422 OPERATE AIR COMPRESSORS | 5.96 | 54.9 | 55.4 | 3.62 |
| I 424 OPERATE PORTABLE GENERATORS | 5.63 | 56.9 | 55.3 | 3.73 |
| I 418 OPERATE GROUND HEATERS | 5.34 | 53.0 | 53.2 | 3.89 |
| I 417 OPERATE GAS TURBINE COMPRESSORS | 3.85 | 41.5 | 37.3 | 3.91 |
| P 834 PERFORM NONPOWERED ASE PRIOR-TO-USE INSPECTIONS | 3.57 | 10.4 | 12.1 | 2.98 |
| I 423 OPERATE PORTABLE AIR-CONDITIONING EQUIPMENT | 2.84 | 17.7 | 20.5 | 4.00 |
| E 189 ANNOTATE SYSTEM/EQUIPMENT STATUS RECORD FORMS (AFTO FORM 244) | .85 | 3.2 | 3.4 | 1.12 |

013 7. AIRCRAFT RECORDS: GIVEN AFTO 791 SERIES FORMS, AND INFORMATION FORM 00-20 SERIES TOS AND A LIST OF MAINTENANCE ACTIONS, MAKE ENTRIES ON EACH FORM COMPLETING SIX PROJECTS WITH NO MORE THAN THREE ERRORS PER PROJECT. (W, PC; 4 HRS)

014 8. WHOTOOLKIT: GIVEN AN ASSORTMENT OF TOOLS AND A LIST OF TASKS, SELECT AND USE THE PROPER TOOL FOR EACH TASK WITH NO MORE THAN ONE INSTRUCTOR ASSIST PER TASK. (W, PC; 4 HRS)

015 9. MAINTENANCE DOCUMENTATION. (4 HRS)

016 9A. GIVEN INFORMATION ABOUT THE PURPOSE OF THE MAINTENANCE DATA COLLECTION SYSTEM, THE SOURCES OF DATA FOR FORM ENTRIES, AND A LIST OF INCOMPLETE STATEMENTS, COMPLETE THE STATEMENTS. SEVEN OUT OF 11 RESPONSES MUST BE CORRECT. (W; 0.5 HRS)

Y1 1ST 1ST X1
TE JOB ENL ID
D (M) (H) (F)

D TSM TITLES

017 98. GIVEN A -06 WORK UNIT CODE MANUAL AND A LIST OF STATEMENTS RELATING TO MAINTENANCE ACTIVITIES, LOCATE THE CODES USED IN AIRCRAFT MAINTENANCE DOCUMENTATION. MUST COMPLETE NINE OUT OF 15 RESPONSES CORRECTLY. (W, PC: 1 HRS)

018 9C. USING A -06 WORK UNIT CODE MANUAL, AFIO FORMS 349 AND 350, AND A LIST OF MAINTENANCE ACTIONS, DOCUMENT FOUR MAINTENANCE ACTIONS ON APPLICABLE FORMS WITH NO MORE THAN THREE ERRORS PER FORM. (W, PC: 2.5 HRS)

019 10. HARDWARE. (6 HRS)

020 10A. GIVEN INFORMATION FROM TECHNICAL ORDERS ON AIRCRAFT HARDWARE AND SAFETYING DEVICES, ILLUSTRATIONS AND DESCRIPTIVE STATEMENTS, MATCH THE ILLUSTRATION TO THE STATEMENT WHICH WILL BEST IDENTIFY THE HARDWARE OR SAFETYING DEVICES. MUST COMPLETE 12 OUT OF 20 ENTRIES CORRECTLY. (W: 2 HRS)

021 10B. GIVEN ITEMS OF HARDWARE AND SAFETYING DEVICES, PROPERLY REMOVE AND REINSTALL SAFETY ITEMS ON A TRAINER, COMPLETING EIGHT TASKS WITH NO MORE THAN TWO INSTRUCTOR ASSISTS PER TASK. (W, PC: 2 HRS)

022 11. AIRFRAME. (6HRS)

023 11A. GIVEN INFORMATION FROM APPLICABLE TECHNICAL ORDERS AND CHARTS SHOWING BASIC AIRFRAME CONSTRUCTION, IDENTIFY MAJOR AIRCRAFT SECTIONS AND STRUCTURAL FEATURES, COMPLETING 14 OUT OF 20 RESPONSES CORRECTLY. (W: 2 HRS)

POI 340R431X1/X2 MATCHED WITH 431X1 SURVEY DATA

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

FCP605 PAGE 190

O TSM TITLES

X1 X1
TF 1ST 1ST
=D* JOB ENL
(M) (M) (F)

024 11P. GIVEN INFORMATION FROM APPLICABLE TECHNICAL ORDERS AND CHARTS SHOWING TYPES AND CAUSES OF CORROSION, IDENTIFY THE VARIOUS TYPES OF CORROSION, CAUSES OF CORROSION AND REASONS FOR CORROSION CONTROL, COMPLETING 18 OUT OF 24 CORRECTLY. (M; 1 HR)

H 238 INSPECT AIRCRAFT FOR CORROSION

5.90 85.5 84.0 4.92

025 11C. USING APPLICABLE TECHNICAL ORDERS, AIRCRAFT/TRAINER, NECESSARY TOOLS AND EQUIPMENT, AND WORKING IN TEAMS, REMOVE, INSPECT, AND REINSTALL THREE AIRCRAFT COMPONENTS WITH NO MORE THAN TWO INSTRUCTOR ASSISTS PER TASK PER TEAM. (M, PC; 5 HRS)

H 381 TREAT MINOR AIRCRAFT CORROSION

5.89 25.2 28.3 4.15

026 12. AIRCRAFT SYSTEMS GENERAL. (7 HRS)

027 12A. GIVEN INFORMATION FROM THE APPLICABLE TECHNICAL ORDERS, IDENTIFY AND STATE THE PURPOSE OF AIRCRAFT SYSTEMS AND COMPONENTS, CORRECTLY COMPLETING 18 OUT OF 26 RESPONSES. (M; 2.5 HRS)

028 12B. USING AN AIRCRAFT, APPLICABLE TECHNICAL ORDERS, WORKING IN TEAMS, AND PROVIDED WITH THE NECESSARY EQUIPMENT, LOCATE A MINIMUM OF ONE COMPONENT FROM EACH SYSTEM WITH NO MORE THAN TWO INSTRUCTOR ASSISTS PER TASK PER TEAM. (M, PC; 4.5 HRS)

029 13. ENGINES. (6 HRS)

| | X1 | 1ST | 1ST | X1 |
|-----|-----|-----|-----|-----|
| TE | TE | JOB | ENL | TD |
| *0* | (M) | (M) | (M) | (F) |

D. 154 TITLES

030 13A. GIVEN INFORMATION EXTRACTED FROM TECHNICAL ORDERS AND LIST OF ILLUSTRATIONS OF AIRCRAFT ENGINES, IDENTIFY THE MAJOR CONSTRUCTION FEATURES OF THE TURBOJET, TURBOFAN, TURBOPROP, AND RECIPROCATING ENGINES. THIRTEEN OF 19 RESPONSES MUST BE CORRECT. (N: 1 HR)

031 13B. GIVEN INFORMATION EXTRACTED FROM TECHNICAL ORDERS, A LIST OF ENGINE SYSTEMS, SYSTEM COMPONENTS AND A LIST OF STATEMENTS OF PURPOSE, MATCH THE SYSTEMS AND COMPONENTS TO THEIR PURPOSE. SEVENTEEN OF 25 RESPONSES MUST BE CORRECT. (N: 2 HRS)

032 13C. USING AN AIRCRAFT/TRAINER, TECHNICAL ORDERS/CHECKLIST, NECESSARY EQUIPMENT, AND WORKING IN TEAMS, PARTICIPATE IN TAKING A SAMPLE FOR SPECTROMETRIC OIL ANALYSIS, AND SERVICE AN ENGINE OIL SYSTEM WITH NO MORE THAN TWO INSTRUCTOR ASSISTANTS. (N, PC: 2.5 HRS)

| | | | | |
|--|------|------|------|------|
| I 430 SERVICE ENGINE OIL | 7.03 | 75.9 | 73.7 | 3.34 |
| I 449 TAKE ENGINE OIL SAMPLES | 6.59 | 75.2 | 71.0 | 3.16 |
| E 156 ANNOTATE OIL ANALYSIS REQUEST FORMS (DD FORM 2026) | 5.86 | 33.9 | 37.0 | 4.03 |

033 13D. GIVEN EXTRACTS FROM TECHNICAL ORDERS AND AN AIRCRAFT ENGINE, LOCATE SPECIFIED COMPONENTS. THIRTY-SEVEN OF 54 RESPONSES MUST BE CORRECT. (N: 2.5 HRS)

034 14. ELECTRICAL SYSTEMS. (7 HRS)

035 14A. GIVEN INFORMATION ON ELECTRICAL SYMBOLS AND TERMS, ILLUSTRATIONS OF ELECTRICAL SYMBOLS, A LIST OF ELECTRICAL SYSTEM TERMS, AND A LIST OF STATEMENTS OF PURPOSE/DEFINITIONS, MATCH THE SYMBOLS AND TERMS TO THEIR PURPOSE OR DEFINITION BY CORRECTLY COMPLETING 18 OF 24 RESPONSES. (N: 1 HR)

POI JA000311X12 MATCHED WITH 031X1 SURVEY DATA

FCP005 PAGE 102

X1 1ST 1ST A2
YE JOB ENL TO
=00 (M) (M) (F)

O TSK TITLES

036 148. GIVEN INFORMATION ON THE COMPONENTS AND OPERATION OF AN ELECTRICAL SYSTEM AND A LIST OF INCOMPLETE STATEMENTS CONCERNING THIS SYSTEM, CORRECTLY COMPLETE 18 OF 24 STATEMENTS. (M; 2 MRS)

| | | | | |
|---|------|------|------|------|
| N 769 REMOVE OR INSTALL FUSES OR CURRENT LIMITERS | 2.36 | 15.4 | 18.9 | 3.77 |
| N 770 SERVICE BATTERY SUMP JAWS | .86 | 3.8 | 3.7 | 2.94 |
| N 773 SERVICE BATTERIES | .57 | 4.0 | 4.0 | 3.31 |

037 149. USING AIRCRAFT/TRAINER, NECESSARY TOOLS AND EQUIPMENT, TECHNICAL ORDERS/CHECKLISTS, AND WORKING IN TEAMS, PARTICIPATE IN REMOVING AND REINSTALLING FOUR ELECTRICAL SYSTEM COMPONENTS WITH NO MORE THAN THREE INSTRUCTOR ASSISTS PER TASK PER TEAM. (M; PC; 4 MRS)

| | | | | |
|---|------|------|------|------|
| N 759 OPERATIONALLY CHECK EXTERNAL LIGHTS | 5.87 | 58.9 | 59.5 | 3.31 |
| N 770 REMOVE OR INSTALL LIGHT BULBS | 5.87 | 69.6 | 67.3 | 2.23 |
| N 760 OPERATIONALLY CHECK INTERNAL LIGHTS | 5.85 | 57.5 | 58.5 | 3.32 |
| N 771 REMOVE OR INSTALL LIGHT LENSES | 5.84 | 56.2 | 56.4 | 2.31 |
| N 768 REMOVE OR INSTALL BATTERIES | 5.86 | 62.4 | 60.8 | 4.38 |
| N 758 OPERATIONALLY CHECK BATTERIES | 4.63 | 49.8 | 46.3 | 3.72 |
| N 772 REMOVE OR INSTALL LIGHT REFLECTORS | 2.41 | 17.5 | 16.5 | 2.31 |
| N 761 OPERATIONALLY CHECK INVERTERS | 2.03 | 7.7 | 8.6 | 3.76 |
| N 757 OPERATIONALLY CHECK ALTERNATORS OR GENERATORS | 1.84 | 5.6 | 9.2 | 5.33 |
| N 763 OPERATIONALLY CHECK TRANSFORMER RECTIFIERS | .92 | 3.0 | 3.9 | 4.30 |

038 15. UTILITY SYSTEMS. (8 MRS)

039 15A. GIVEN TECHNICAL INFORMATION ON UTILITY SYSTEMS, A LIST OF COMPONENTS AND A LIST OF STATEMENTS OF PURPOSE, MATCH THE COMPONENTS TO THEIR PURPOSE. TWELVE OUT OF 12 RESPONSES MUST BE CORRECT. (M; 2 MRS)

040 15B. USING AIRCRAFT/TRAINER, TECHNICAL ORDERS/CHECKLIST, NECESSARY EQUIPMENT AND WORKING IN TEAMS, PARTICIPATE IN SERVICING OXYGEN SYSTEMS, COMPLETING TWO TASKS WITH NO MORE THAN THREE INSTRUCTOR ASSISTS PER TASK PER TEAM. (M; PC; 2-2 MRS)

I 041 SERVICE OXYGEN SYSTEMS WITH LIQUID OXYGEN

5.06 62.9 60.9 4.86

| Q TASK | TITLES | X1
YE
D | 1ST
JOB
(M) | 1ST
ENL
(M) | X1
TD
(F) |
|--------|--|-----------------|-------------------|-------------------|-----------------|
| K 594 | REMOVE OR INSTALL LIQUID OXYGEN CONVERTERS | 3.63 | 36.3 | 36.7 | 4.14 |
| I 440 | SERVICE OXYGEN SYSTEMS WITH HIGH PRESSURE GASEOUS OXYGEN | 2.82 | 24.5 | 28.9 | 3.94 |
| I 442 | SERVICE OXYGEN SYSTEMS WITH LOW PRESSURE GASEOUS OXYGEN | 1.99 | 15.4 | 15.4 | 3.96 |

Q41 15C. USING AIRCRAFT/TRAINER, TECHNICAL ORDERS/TECHNICISTS, NECESSARY EQUIPMENT, AND WORKING IN TEAMS, PARTICIPATE IN PERFORMING AN OPERATIONAL CHECK OF UTILITY SYSTEMS COMPLETING TWO TASKS WITH NO MORE THAN TWO INSTRUCTOR ASSISTS PER TEAM PER TASK. (N, PC; 2-3 HRS)

| K 576 | OPERATIONALLY CHECK FIRE WARNING OR OVERHEAT DETECTION SYSTEMS | 3.91 | 22.1 | 26.3 | 4.35 |
|--|--|------|------|------|------|
| K 577 <td>OPERATIONALLY CHECK OXYGEN FEED SYSTEMS</td> <td>2.45</td> <td>10.6</td> <td>13.0</td> <td>4.30</td> | OPERATIONALLY CHECK OXYGEN FEED SYSTEMS | 2.45 | 10.6 | 13.0 | 4.30 |
| K 569 <td>OPERATIONALLY CHECK AIR-CONDITIONING SYSTEMS</td> <td>1.65</td> <td>8.2</td> <td>7.7</td> <td>5.26</td> | OPERATIONALLY CHECK AIR-CONDITIONING SYSTEMS | 1.65 | 8.2 | 7.7 | 5.26 |
| K 582 <td>OPERATIONALLY CHECK WINDSHIELD RAIN REMOVAL SYSTEMS</td> <td>1.21</td> <td>6.3</td> <td>7.6</td> <td>4.43</td> | OPERATIONALLY CHECK WINDSHIELD RAIN REMOVAL SYSTEMS | 1.21 | 6.3 | 7.6 | 4.43 |
| K 573 <td>OPERATIONALLY CHECK BLEED AIR SYSTEMS</td> <td>1.17</td> <td>7.6</td> <td>9.0</td> <td>5.16</td> | OPERATIONALLY CHECK BLEED AIR SYSTEMS | 1.17 | 7.6 | 9.0 | 5.16 |
| K 578 <td>OPERATIONALLY CHECK PRESSURIZATION SYSTEMS</td> <td>1.09</td> <td>4.6</td> <td>5.5</td> <td>5.11</td> | OPERATIONALLY CHECK PRESSURIZATION SYSTEMS | 1.09 | 4.6 | 5.5 | 5.11 |
| K 581 <td>OPERATIONALLY CHECK WINDSHIELD DEFOG SYSTEMS</td> <td>.97</td> <td>3.7</td> <td>3.8</td> <td>4.80</td> | OPERATIONALLY CHECK WINDSHIELD DEFOG SYSTEMS | .97 | 3.7 | 3.8 | 4.80 |
| K 574 <td>OPERATIONALLY CHECK DEICING SYSTEMS</td> <td>.32</td> <td>2.4</td> <td>3.3</td> <td>5.13</td> | OPERATIONALLY CHECK DEICING SYSTEMS | .32 | 2.4 | 3.3 | 5.13 |

Q42 15D. USING AN AIRCRAFT, 1-0. AND WORKBOOK, INSPECT THE AIRCRAFT UTILITY SYSTEM COMPONENTS AND RECORD DISCREPANCIES. COMPLETE TWO TASKS WITH NO MORE THAN TWO INSTRUCTOR ASSISTS PER TASK PER TEAM. (N, PC; 1 HR)

Q43 16. TEST AND CRITIQUE. 11.5 HRS

Q44 17. FUEL SYSTEMS. (6.5 HRS)

POS 3A083311/X2 MATCHED WITH 43111 SURVEY DATA

X1 1ST 1ST X1
TE JOB ENL TD
400 (M) (M) (F)

D TSK TITLES

045 17A. GIVEN TECHNICAL INFORMATION ON AIRCRAFT FUEL SYSTEM AND COMPONENTS, A LIST OF SUBSYSTEM AND COMPONENTS, AND A LIST OF STATEMENTS OF PURPOSE, MATCH THE SUBSYSTEM AND COMPONENT TO ITS PURPOSE. FIFTEEN OUT OF 20 RESPONSES MUST BE CORRECT. (M; 1.5 MRS)

046 17B. GIVEN AN AIRCRAFT/TRAINEE, TECHNICAL ORDERS/CHECK-LISTS, NECESSARY EQUIPMENT, AND WORKING IN TEAMS, INSPECT, PERFORM AN OPERATIONAL CHECK OF AND SERVICE THE AIRCRAFT FUEL SYSTEM WITH NO MORE THAN THREE INSTRUCTOR ASSISTS PER TASKS PER TERM. (M; PC1 5 MRS)

I 391 DEFUEL AIRCRAFT USING SINGLEPOINT METHODS
I 402 FUEL AIRCRAFT USING SINGLEPOINT REFUELING METHODS
I 401 FUEL AIRCRAFT USING OVERWING REFUELING METHODS
I 390 DEFUEL AIRCRAFT USING OVERWING METHODS
O 790 OPERATIONALLY CHECK FUEL BOOST PUMPS
O 790 OPERATIONALLY CHECK FUEL CONTROL PANELS
O 791 OPERATIONALLY CHECK FUEL TANK FEED SYSTEMS
O 790 OPERATIONALLY CHECK FUEL TRANSFER PUMPS
O 790 OPERATIONALLY CHECK FUEL VALVES
O 792 OPERATIONALLY CHECK FUEL CROSSFEED SYSTEMS
O 793 OPERATIONALLY CHECK FUEL MAINFOLD DRAIN PUMPS

047 18. PNEUMATIC SYSTEMS. (8 MRS)

048 18A. GIVEN TECHNICAL INFORMATION, A LIST OF PNEUMATIC SYSTEM COMPONENTS, AND A LIST OF STATEMENTS OF PURPOSE, MATCH EACH COMPONENT TO ITS PURPOSE BY CORRECTLY COMPLETING 13 OUT OF 19 RESPONSES. (M; 3 MRS)

049 18B. USING AN AIRCRAFT/TRAINEE, APPLICABLE TECHNICAL ORDERS/CHECKLIST, NECESSARY EQUIPMENT, AND WORKING IN TEAMS, PARTICIPATE IN SERVICING TWO PNEUMATIC SYSTEM COMPONENTS WITH NO MORE THAN TWO INSTRUCTOR ASSISTS PER TASK. (M; PC1 5 MRS)

I 439 SERVICE HYDRAULIC SYSTEMS

5.35 65.8 65.2 4.47
5.32 71.1 68.7 3.92
4.97 40.6 43.4 4.78
4.36 31.8 39.7 4.57
3.23 23.7 26.4 4.85
2.99 22.7 27.0 4.56
2.39 17.2 19.6 4.91
1.84 12.3 13.9 4.72
1.82 10.3 19.7 4.83
1.38 10.8 12.3 4.83
1.10 9.6 9.6 4.86
.32 5.7 4.5

7.01 77.3 74.2 3.68

POI 3A0R31X1X2 MATCHED WITH 431X1 SURVEY DATA

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

FC605 PAGE 195

| G TSN | TITLES | Y1
TE
#00 | Y2
JOB
(M) | Y3
ENL
(M) | X1
TD
(F) |
|-------|---|-----------------|------------------|------------------|-----------------|
| I 305 | BLEED HYDRAULIC SYSTEMS | 5.55 | 65.1 | 64.5 | 4.17 |
| I 403 | SERVICE PNEUMATIC SYSTEMS | 5.51 | 53.8 | 54.4 | 4.05 |
| I 386 | BLEED PNEUMATIC SYSTEMS | 4.04 | 39.2 | 40.5 | 3.78 |
| M 737 | SERVICE HYDRAULIC SYSTEM ACCUMULATORS | 3.66 | 30.3 | 31.5 | 4.13 |
| P 627 | OPERATIONALLY CHECK HYDRAULIC SERVICING CARTS | 3.61 | 22.5 | 24.4 | 3.43 |
| P 829 | OPERATIONALLY CHECK NITROGEN SERVICING CARTS | 3.42 | 15.9 | 17.3 | 3.65 |
| M 738 | SERVICE PNEUMATIC SYSTEM ACCUMULATORS | 2.75 | 24.9 | 25.0 | 4.11 |

050 18C. USING AN AIRCRAFT/TRAINEE, APPLICABLE TECHNICAL ORDERS/CHECKLIST, NECESSARY EQUIPMENT, AND WORKING IN TEAMS, PARTICIPATE IN PERFORMING AN OPERATIONAL CHECK OF A PNEUMATIC SYSTEM WITH NO MORE THAN TWO INSTRUCTOR ASSISTS PER TEAM. 1B, PC; 2 HRS

| G TSN | TITLES | Y1
TE
#00 | Y2
JOB
(M) | Y3
ENL
(M) | X1
TD
(F) |
|-------|--|-----------------|------------------|------------------|-----------------|
| M 717 | OPERATIONALLY CHECK HYDRAULIC SYSTEM ACTUATORS | 2.91 | 13.9 | 18.9 | 5.31 |
| M 719 | OPERATIONALLY CHECK HYDRAULIC SYSTEM PUMPS | 2.74 | 5.4 | 8.8 | 5.44 |
| M 720 | OPERATIONALLY CHECK HYDRAULIC SYSTEM VALVES | 1.62 | 3.9 | 5.6 | 5.32 |
| M 721 | OPERATIONALLY CHECK PNEUMATIC SYSTEM VLVES | 1.05 | 3.4 | 4.3 | 5.23 |
| M 202 | OPERATIONALLY CHECK APT CARGO DOORS OR RAMPS | .15 | 4.6 | 4.0 | 4.87 |
| M 208 | OPERATIONALLY CHECK CARGO COMPARTMENT PRESSURE DOORS | .07 | 3.8 | 3.1 | 4.95 |

051 19. LANDING GEAR SYSTEMS. 18 HRS

052 19A. GIVEN TECHNICAL INFORMATION, A LIST OF LANDING GEAR SYSTEM COMPONENTS AND A LIST OF STATEMENTS OF PURPOSE, MATCH THE COMPONENTS TO THEIR PURPOSE. FOURTEEN OUT OF 20 MUST BE CORRECT. 1B; 3 HRS

053 19B. GIVEN AN AIRCRAFT/TRAINEE, TECHNICAL ORDERS/CHECKLISTS, NECESSARY EQUIPMENT AND WORKING IN TEAMS, PARTICIPATE IN PERFORMING AN OPERATIONAL CHECK OF THE LANDING GEAR SYSTEMS WITH NO MORE THAN FIVE INSTRUCTOR ASSISTS PER TEAM. 1B, PC; 3 HRS

| G TSN | TITLES | Y1
TE
#00 | Y2
JOB
(M) | Y3
ENL
(M) | X1
TD
(F) |
|-------|---|-----------------|------------------|------------------|-----------------|
| I 405 | JACK AIRCRAFT USING AXLE JACKS | 6.88 | 74.4 | 69.0 | 3.43 |
| I 406 | JACK AIRCRAFT USING TRIPOD JACKS | 6.73 | 77.6 | 73.9 | 4.28 |
| J 500 | OPERATIONALLY CHECK LANDING GEAR INDICATOR SYSTEMS | 3.84 | 22.1 | 25.9 | 4.58 |
| J 999 | OPERATIONALLY CHECK LANDING GEAR EXTENSION OR RETRACTION MECHANISMS | 3.52 | 21.9 | 26.4 | 5.21 |

| D TSK | TITLES | X1
TE | X2
ENL
(M) | X3
ENL
(M) | X4
ENL
(M) | X5
ENL
(M) |
|-------|---|----------|------------------|------------------|------------------|------------------|
| J 502 | OPERATIONALLY CHECK LANDING GEAR STEERING SYSTEMS | 2.62 | 9.6 | 13.5 | 4.93 | |

054 19C. GIVEN AN AIRCRAFT/TRAINER, TECHNICAL ORDERS/CHECK-LISTS, NECESSARY EQUIPMENT, AND WORKING IN TEAMS, PARTICIPATE IN SERVICING A LANDING GEAR SHOCK STRUT WITH NO MORE THAN THREE INSTRUCTOR ASSISTS PER TEAM. (IN, PC: 1 HR)

| | | | | | |
|-------|---|------|------|------|------|
| J 53V | SERVICE LANDING GEAR STRUTS WITH NITROGEN OR AIR | 5.69 | 51.0 | 52.4 | 4.60 |
| J 538 | SERVICE LANDING GEAR STRUTS WITH HYDRAULIC FLUIDS | 5.65 | 46.3 | 46.5 | 4.38 |
| M 735 | REMOVE OR INSTALL SCHWABER VALVES | 4.32 | 27.7 | 31.0 | 3.71 |

055 19D. GIVEN AN AIRCRAFT/TRAINER, TECHNICAL ORDERS/CHECK-LISTS, NECESSARY EQUIPMENT, WORKING IN TEAMS, PARTICIPATE IN PERFORMING AN OPERATIONAL CHECK OF THE NOSE GEAR STEERING SYSTEM WITH NO MORE THAN THREE INSTRUCTOR ASSISTS PER TEAM. (IN, PC: 1 HR)

056 20. BRAKING SYSTEM. (7 HRS)

057 20A. GIVEN TECHNICAL INFORMATION, A LIST OF BRAKING SYSTEM COMPONENTS AND A LIST OF STATEMENTS OF PURPOSE, MATCH THE COMPONENTS TO THEIR PURPOSE. TEN OUT OF 15 RESPONSES MUST BE CORRECT. (WT 3 HRS)

058 20B. USING AN AIRCRAFT/TRAINER, TECHNICAL ORDERS/CHECK-LISTS, NECESSARY EQUIPMENT, AND WORKING IN TEAMS, PARTICIPATE IN REMOVING AND REINSTALLING A WHEEL AND BRAKE ASSEMBLY WITH NO MORE THAN FOUR INSTRUCTOR ASSISTS PER TASK PER TEAM. (IN, PC: 2 HRS)

| | | | | | |
|-------|------------------------------------|------|------|------|------|
| J 086 | INSPECT WHEEL ASSEMBLIES | 6.14 | 30.1 | 38.7 | 3.95 |
| J 508 | REMOVE OR INSTALL BRAKE ASSEMBLIES | 6.10 | 55.5 | 55.4 | 4.93 |
| J 531 | REMOVE OR INSTALL WHEEL ASSEMBLIES | 6.10 | 49.6 | 51.6 | 4.67 |
| J 532 | SERVICE BRAKE SYSTEMS | 5.22 | 43.1 | 43.2 | 4.25 |
| J 901 | BLEED BRAKE SYSTEMS | 5.09 | 47.6 | 46.3 | 4.51 |
| J 907 | INSPECT WHEEL BEARINGS | 3.92 | 30.3 | 29.5 | 4.15 |

POI 3AQR431X1/X2 MATCHED WITH 431X1 SURVEY DATA

FLP605 PAGE 107

| D TSM | TITLES | X1
TF | X1
0 | JOB
(M) | ENL
(M) | TD
(F) |
|-------|--|----------|-----------|------------|------------|-----------|
| 059 | 20C. USING AN AIRCRAFT/TRAINER, TECHNICAL ORDERS/CHECK-LISTS, NECESSARY EQUIPMENT, AND WORKING IN TEAMS, PARTICIPATE IN INSTALLING AN AIRCRAFT DRAG CHUTE WITH NO MORE THAN THREE INSTRUCTOR ASSISTS PER TEAM. (W, PC; 1 HRS) | | | | | |
| I 433 | REMOVE OR INSTALL DRAGCHUTES | 2.09 | | 30.8 | 33.6 | 4.12 |
| M 246 | INSPECT DRAGCHUTE SYSTEMS | 1.99 | | 30.7 | 32.8 | 5.23 |
| M 290 | OPERATIONALLY CHECK DRAGCHUTE RELEASE SYSTEMS | 1.68 | | 25.6 | 28.0 | 4.91 |
| 060 | 20G. USING AN AIRCRAFT/TRAINER, TECHNICAL ORDERS/CHECK-LISTS, NECESSARY EQUIPMENT, AND WORKING IN TEAMS, PARTICIPATE IN PERFORMING AN OPERATIONAL CHECK OF THE ARRESTING GEAR SYSTEM WITH NO MORE THAN THREE INSTRUCTOR ASSISTS PER TEAM. (W, PC; 1 HRS) | | | | | |
| J 496 | OPERATIONALLY CHECK ARRESTING GEAR SYSTEMS | 2.62 | | 27.0 | 30.6 | 4.33 |
| M 740 | SERVICE TAIL HOOPS | 2.29 | | 32.1 | 33.7 | 3.90 |
| 061 | 21. FLIGHT CONTROLS. (7 HRS) | | | | | |
| 062 | 21A. GIVEN TECHNICAL INFORMATION ON AIRCRAFT FLIGHT CONTROL SYSTEMS, SYSTEM COMPONENTS AND OPERATION, AND A LIST OF INCOMPLETE STATEMENTS CONCERNING THESE SYSTEMS, THEIR COMPONENTS AND OPERATION, CORRECTLY COMPLETE 20 OF 20 RESPONSES. (W; 2 HRS) | | | | | |
| L 651 | OPERATIONALLY CHECK FLIGHT CONTROL LOCKING MECHANISMS | .86 | | 7.5 | 6.9 | 5.22 |
| 063 | 21B. GIVEN INFORMATION ON THE INSPECTION OF FLIGHT CONTROL SYSTEMS AND A LIST OF INCOMPLETE STATEMENTS CONCERNING THIS SUBJECT, CORRECTLY COMPLETE 15 OF 20 RESPONSES. (W; 0.5 HRS) | | | | | |
| 064 | 21C. GIVEN AN AIRCRAFT/TRAINER, TECHNICAL ORDERS/CHECK-LISTS, AND NECESSARY EQUIPMENT, PARTICIPATE IN PERFORMING FLIGHT CONTROL SYSTEM OPERATIONAL CHECK WITH NO MORE THAN THREE INSTRUCTOR ASSISTS PER TEAM. (W, PC; 4.5 HRS) | | | | | |
| L 653 | OPERATIONALLY CHECK PRIMARY FLIGHT CONTROL SYSTEMS | 3.06 | | 19.3 | 24.0 | 5.29 |

POI 3A00031X1/12 MATCHED WITH 431X1 SURVEY DATA

FCP605 PAGE 108

O TSM TITLES

| | X1 | TE | ED* | 1ST | JOB | ENL | 1ST | 1ST | X1 | TD | (F) |
|--|------|----|-----|------|-----|------|-----|-----|------|----|-----|
| L 655 OPERATIONALLY CHECK SPOILER OR SPEED BRAKE SYSTEMS | 2.87 | | | 21.0 | | 27.2 | | | 5.02 | | |
| L 652 OPERATIONALLY CHECK FLIGHT CONTROL TRIM SYSTEMS | 2.92 | | | 13.7 | | 18.6 | | | 5.21 | | |
| I 399 FOLD OR UNFOLD WINGS | 1.28 | | | 26.3 | | 27.6 | | | 3.59 | | |
| M 298 OPERATIONALLY CHECK WING FOLD SYSTEMS | 1.01 | | | 19.0 | | 21.0 | | | 4.35 | | |

065 22. INSPECTION CONCEPTS. (8 HRS)

066 22A. GIVEN TECHNICAL ORDER INFORMATION, A LIST OF INSPECTION CONCEPTS, TYPES OF INSPECTIONS AND MAINTENANCE, AND A LIST OF DESCRIPTIVE STATEMENTS, MATCH THE STATEMENTS TO THE INSPECTION CONCEPTS, TYPE OF INSPECTION, OR MAINTENANCE. TWELVE OUT OF 17 RESPONSES MUST BE CORRECT. (3 HRS)

067 22B. USING AN AIRCRAFT, TECHNICAL ORDERS, INSPECTION WORK-CARDS, AND AEROSPACE GROUND EQUIPMENT, PARTICIPATE IN PERFORMING A PREFLIGHT/POSTFLIGHT INSPECTION. MUST COMPLETE FOUR WORKCARDS WITH NO MORE THAN THREE INSTRUCTOR ASSISTS PER CARD. (M, PC; 3 HRS)

| | 7.02 | 76.1 | 73.8 | 3.60 |
|--|------|------|------|------|
| I 407 SERVICE TIMES | 6.94 | 79.2 | 77.2 | 1.88 |
| I 403 GROUND AIRCRAFT | 6.88 | 65.9 | 64.6 | 4.86 |
| I 428 PERFORM AIRCRAFT LUNCH CHECKLIST PROCEDURES | 6.39 | 62.5 | 60.8 | 4.61 |
| I 429 PERFORM AIRCRAFT RECOVERY CHECKLIST PROCEDURES | 4.70 | 49.9 | 49.0 | 2.62 |

068 23. ISOCRONAL INSPECTION. (20 HRS)

069 23A. USING AN AIRCRAFT, TECHNICAL ORDERS, INSPECTION WORK-CARDS, AND NECESSARY EQUIPMENT, PARTICIPATE IN PREPARING AN AIRCRAFT FOR THE "ZOOM PHASE" OF MAJOR ISOCRONAL INSPECTION, COMPLETING AT LEAST SEVEN INSPECTION, IN-FLIGHT AND POST-FLIGHT DOCUMENTATION WITH NO MORE THAN FIVE INSTRUCTOR ASSISTS PER STUDENT. (M, PC; 8 HRS)

| | 7.19 | 76.2 | 73.4 | 3.03 |
|-------------------------------------|------|------|------|------|
| I 910 MAINTAIN AIRCRAFT | 6.73 | 72.3 | 70.5 | 4.32 |
| M 281 LUBRICATE AIRCRAFT COMPONENTS | | | | |

POI 3A09431X1/X2 MATCHED WITH 431X1 SURVEY DATA

FCP605 PAGE 199

| D TSK | TITLES | X1
TE
#0* | 157
J08
(M) | 157
EML
(M) | X1
TD
(F) |
|-------|---|-----------------|-------------------|-------------------|-----------------|
| J 450 | WALK WINGS OR TAIL DURING TOWING OPERATIONS | 6.57 | 83.9 | 81.5 | 2.08 |
| M 303 | REMOVE OR INSTALL ACCESS PANELS | 6.07 | 76.8 | 74.2 | 2.89 |
| M 228 | CLEAN EXTERNAL SURFACES OF AIRCRAFT OTHER THAN TRANSPARENT SURFACES | 5.44 | 60.6 | 57.4 | 3.52 |
| M 230 | CLEAN TRANSPARENT SURFACES | 5.00 | 53.2 | 52.6 | 3.27 |
| J 514 | REMOVE OR INSTALL LANDING GEAR DOORS | 4.97 | 31.5 | 40.3 | 4.97 |
| M 373 | REMOVE OR INSTALL WING TIPS | 3.97 | 26.8 | 33.5 | 4.95 |
| M 229 | CLEAN INTERIOR OF AIRCRAFT, SUCH AS CREW COMPARTMENTS OR CARGO COMPARTMENTS | 3.56 | 50.4 | 48.1 | 3.28 |
| L 664 | REMOVE OR INSTALL FLAPS | 3.31 | 18.2 | 23.7 | 6.02 |
| M 307 | REMOVE OR INSTALL AFT SECTIONS | 1.89 | 21.8 | 23.5 | 3.07 |
| M 359 | REMOVE OR INSTALL TAIL CONES | 1.81 | 21.0 | 24.2 | 4.83 |
| R 918 | REMOVE OR INSTALL ENGINE COUPLINGS | 1.74 | 15.5 | 14.2 | 4.19 |
| L 665 | REMOVE OR INSTALL FLIGHT CONTROL ACTUATORS OTHER THAN WING SWEEP ACTUATORS | 1.64 | 8.0 | 8.5 | 6.33 |

D70 238. USING AN AIRCRAFT, TECHNICAL ORDERS, INSPECTION WORK-
CARDS, AND NECESSARY EQUIPMENT, PARTICIPATE IN PERFORMING
AN ISOCRONAL INSPECTION, COMPLETING A MINIMUM OF FOUR
INSPECTION WORKCARDS AND RELATED DOCUMENTATION WITH NO MORE
THAN TWO INSTRUCTOR ASSISTS PER CARD. 1W, PC; 8 HRS

| | | | | | |
|-------|--|------|------|------|------|
| J 485 | INSPECT TIRES | 6.89 | 83.0 | 79.5 | 3.79 |
| M 234 | INSPECT ACCESS PANELS | 6.58 | 80.7 | 77.1 | 3.81 |
| M 239 | INSPECT AIRFRAME STRUCTURES | 6.40 | 65.4 | 65.5 | 5.05 |
| M 310 | REMOVE OR INSTALL AIRCRAFT HARDWARE, SUCH AS SCREWS OR FASTENERS | 6.25 | 74.9 | 73.1 | 2.83 |
| M 303 | REMOVE OR INSTALL ACCESS PANELS | 6.07 | 76.8 | 74.2 | 2.89 |
| J 466 | INSPECT BRAKE SYSTEMS | 5.97 | 58.7 | 58.4 | 4.50 |
| M 747 | INSPECT EXTERNAL LIGHTS | 5.78 | 61.7 | 60.9 | 3.45 |
| J 481 | INSPECT LANDING GEAR STRUTS | 5.77 | 64.5 | 68.2 | 4.48 |
| M 750 | INSPECT INTERNAL LIGHTS | 5.59 | 53.5 | 54.9 | 3.44 |
| M 243 | INSPECT CANOPY SYSTEMS | 5.53 | 51.0 | 51.0 | 5.70 |
| M 233 | INSPECT ACCESS DOORS OR HATCHES | 5.35 | 65.5 | 63.8 | 4.14 |
| J 474 | INSPECT LANDING GEAR HYDRAULIC SYSTEM COMPONENTS | 5.17 | 45.5 | 47.0 | 4.66 |
| J 483 | INSPECT LANDING GEAR UP OR DOWN LOCK MECHANISMS | 5.17 | 51.5 | 53.3 | 4.66 |
| M 748 | INSPECT EXTERNAL POWER RECEPTACLES | 5.05 | 42.0 | 44.1 | 3.44 |
| I 398 | DRAIN WATER FROM FUEL TANK SUMPS | 4.99 | 41.8 | 44.8 | 4.80 |
| J 514 | REMOVE OR INSTALL LANDING GEAR DOORS | 4.98 | 29.3 | 29.6 | 2.98 |
| M 704 | INSPECT HYDRAULIC SYSTEM RESERVOIRS | 4.97 | 31.5 | 40.3 | 4.97 |
| R 868 | INSPECT AIR INLET OR EXHAUST BRCS | 4.97 | 44.1 | 44.7 | 4.30 |
| M 749 | INSPECT FUSE OR CIRCUIT BREAKER PANELS | 4.96 | 39.6 | 39.6 | 4.47 |
| J 480 | INSPECT LANDING GEAR STRUCTURAL COMPONENTS | 4.95 | 47.0 | 47.4 | 3.58 |
| J 469 | INSPECT LANDING GEAR DOOR MECHANISMS | 4.84 | 44.6 | 45.2 | 4.49 |
| O 779 | INSPECT FUEL TANKS FOR LEAKS | 4.74 | 48.7 | 51.6 | 4.45 |
| M 705 | INSPECT HYDRAULIC SYSTEM SIGHT GAUGES | 4.66 | 43.7 | 43.0 | 4.06 |
| | | 4.62 | 36.5 | 37.5 | 3.75 |

POI 3A0R33J1X2 MATCHED WITH 431X1 SURVEY DATA

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) PANOLPH AFB TX

FCP605 PAGE 200

| O TSK | TITLE | Y1
TE
#C | IST
JOB
(M) | IST
EML
(M) | X1
TN
(F) |
|-------|---|----------------|-------------------|-------------------|-----------------|
| M 263 | INSPECT WINDOWS OR WINDSHIELDS | 4.54 | 58.7 | 56.6 | 4.16 |
| M 701 | INSPECT HYDRAULIC SYSTEM PLUMBING | 4.53 | 25.6 | 28.9 | 4.29 |
| M 697 | INSPECT HYDRAULIC SYSTEM ACTUATORS | 4.45 | 41.8 | 41.0 | 4.38 |
| M 280 | ASPECT ANTENNAS | 4.30 | 55.9 | 53.1 | 4.31 |
| J 471 | INSPECT LANDING GEAR ELECTRICAL SYSTEM COMPONENTS | 4.16 | 28.6 | 31.0 | 4.70 |
| J 479 | INSPECT LANDING GEAR STEERING SYSTEMS | 4.15 | 31.3 | 34.6 | 4.70 |
| M 555 | INSPECT FIRE WARNING OR OVERHEAT DETECTION SYSTEMS | 4.12 | 30.3 | 33.4 | 4.73 |
| O 784 | INSPECT SINGLEPOINT FUEL RECEPTEES | 4.06 | 46.5 | 46.2 | 3.78 |
| M 373 | REMOVE OR INSTALL WING TIPS | 3.97 | 26.8 | 33.5 | 4.95 |
| M 696 | INSPECT HYDRAULIC SYSTEM ACCUMULATORS | 3.97 | 37.3 | 37.6 | 4.33 |
| L 629 | INSPECT FLAP SYSTEMS | 3.90 | 32.4 | 34.4 | 4.97 |
| L 633 | INSPECT PRIMARY FLIGHT CONTROL SYSTEMS | 3.82 | 28.1 | 27.5 | 5.21 |
| O 701 | INSPECT FUEL VENT OUTLETS | 3.82 | 34.4 | 34.7 | 3.44 |
| M 283 | INSPECT PROHES | 3.80 | 49.6 | 48.8 | 3.94 |
| L 635 | INSPECT SPOILER OR SPEED BRAKE SYSTEMS | 3.67 | 36.6 | 37.5 | 4.89 |
| M 706 | INSPECT BATTERY VENT SYSTEMS | 3.64 | 29.4 | 30.1 | 3.84 |
| M 698 | INSPECT HYDRAULIC SYSTEM FILTERS | 3.63 | 33.8 | 35.9 | 4.22 |
| M 793 | INSPECT AIRCRAFT WIRING OR CONNECTIONS | 3.62 | 28.3 | 31.1 | 4.44 |
| M 557 | INSPECT LIQUID OXYGEN SYSTEMS | 3.56 | 34.1 | 33.9 | 4.53 |
| R 895 | INSPECT VISIBLE ENGINE MOUNTS OR ATTACH POINTS | 3.48 | 21.5 | 25.4 | 4.62 |
| O 777 | INSPECT EXTERNAL FUEL SYSTEM COMPONENTS, SUCH AS CANNON
PLUMBS, LOCKING MECHANISMS, VALVES, OR LINES | 3.47 | 31.1 | 31.8 | 4.48 |
| M 703 | INSPECT HYDRAULIC SYSTEM PUMPS | 3.38 | 13.7 | 16.1 | 4.52 |
| R 883 | INSPECT ENGINE OIL LINES OR FITTINGS | 3.27 | 16.8 | 19.2 | 4.11 |
| M 708 | INSPECT PNEUMATIC SYSTEM ACCUMULATORS | 3.16 | 25.6 | 27.1 | 4.22 |
| R 872 | INSPECT ENGINE ACCESSORIES, SUCH AS FUEL PUMPS, HYDRAULIC
PUMPS, OR CONSTANT SPEED DRIVES | 3.08 | 16.2 | 17.6 | 4.83 |
| M 753 | INSPECT NICKEL-CADMIUM BATTERIES | 3.03 | 22.5 | 22.8 | 4.04 |
| J 465 | INSPECT ARRESTING GEAR SYSTEMS | 2.91 | 38.5 | 39.4 | 4.43 |
| R 880 | INSPECT ENGINE INDICATORS OR INSTRUMENTS | 2.79 | 10.3 | 13.3 | 4.19 |
| M 706 | INSPECT HYDRAULIC SYSTEM VALVES | 2.73 | 13.1 | 13.7 | 4.30 |
| M 710 | INSPECT PNEUMATIC SYSTEM AIR BOTTLES | 2.62 | 22.4 | 23.7 | 4.15 |
| L 632 | INSPECT PNEUMATIC SYSTEM PLUMBING | 2.61 | 13.4 | 16.6 | 4.12 |
| R 891 | INSPECT THROTTLE CONTROL TRIM SYSTEMS | 2.60 | 15.6 | 18.0 | 5.17 |
| J 464 | INSPECT ANTISKID SYSTEMS | 2.49 | 6.5 | 13.2 | 4.76 |
| J 467 | INSPECT LANDING GEAR BELL CRANKS | 2.32 | 25.8 | 25.6 | 4.52 |
| R 885 | INSPECT ENGINE QUICK-DISCONNECT LINES | 2.31 | 16.8 | 17.2 | 4.48 |
| R 873 | INSPECT ENGINE AIR LINES OR FITTINGS | 2.20 | 13.7 | 16.0 | 4.03 |
| R 890 | INSPECT STARTERS | 2.15 | 9.4 | 10.9 | 4.47 |
| M 709 | INSPECT PNEUMATIC SYSTEM ACTUATORS | 2.15 | 7.2 | 10.0 | 4.44 |
| M 744 | INSPECT ALTERNATORS OR GENERATORS | 2.07 | 14.0 | 18.4 | 4.31 |
| K 554 | INSPECT GASEOUS OXYGEN SYSTEMS | 1.95 | 9.4 | 10.0 | 4.70 |
| R 877 | INSPECT ENGINE FIREWELLS | 1.94 | 13.1 | 14.5 | 4.41 |
| K 546 | INSPECT AIR-CONDITIONING SYSTEMS | 1.94 | 14.8 | 15.1 | 4.25 |
| M 307 | REMOVE OR INSTALL AFT SECTIONS | 1.93 | 6.6 | 8.0 | 4.93 |
| M 359 | REMOVE OR INSTALL TAIL CONES | 1.89 | 21.8 | 23.5 | 6.07 |
| R 878 | INSPECT ENGINE FUEL CONTROLS | 1.81 | 21.0 | 24.2 | 4.93 |
| V 561 | INSPECT WINDSHIELD DEFOG SYSTEMS | 1.75 | 5.9 | 6.9 | 4.86 |
| | | 1.71 | 4.9 | 10.3 | 4.36 |

| O TSK | TITLES | X1
TE
#0* | 1ST
JOB
(M) | 1ST
ENL
(M) | X1
TD
(F) |
|-------|--|-----------------|-------------------|-------------------|-----------------|
| M 562 | INSPECT WINDSHIELD RAIN REMOVAL SYSTEMS | 1.64 | 11.8 | 12.2 | 4.26 |
| M 713 | INSPECT PNEUMATIC SYSTEM VALVES | 1.55 | 9.7 | 9.1 | 4.32 |
| M 700 | INSPECT HYDRAULIC SYSTEM MOTORS | 1.54 | 8.3 | 9.0 | 4.48 |
| R 875 | INSPECT ENGINE COOLING LATCHES | 1.48 | 17.3 | 11.9 | 3.81 |
| M 751 | INSPECT INVERTERS | 1.42 | 5.4 | 6.1 | 4.23 |
| M 264 | INSPECT WING FOLD SYSTEMS | 1.12 | 19.4 | 22.1 | 4.88 |
| L 631 | INSPECT FLIGHT CONTROL LOCKING MECHANISMS | 1.05 | 7.6 | 8.7 | 5.03 |
| O 780 | INSPECT FUEL TRANSFER PUMPS | .92 | 11.7 | 10.3 | 4.63 |
| M 754 | INSPECT TRANSFORMER RECTIFIERS | .89 | 4.9 | 5.1 | 4.49 |
| M 792 | INSPECT LEAD-ACID BATTERIES | .75 | 5.6 | 5.9 | 3.97 |
| M 714 | INSPECT TAIL BUMPERS | .72 | 10.0 | 9.5 | 4.06 |
| M 242 | INSPECT BOMB BAY DOOR SYSTEMS | .71 | 9.4 | 9.3 | 4.66 |
| J 478 | INSPECT LANDING GEAR SHOCKERS | .65 | 6.6 | 8.2 | 4.60 |
| O 778 | INSPECT FUEL HANFOLD DRAIN PUMPS | .63 | 5.6 | 5.1 | 4.30 |
| M 245 | INSPECT CREW ENTRANCE DOOR SYSTEMS | .59 | 11.4 | 12.2 | 4.62 |
| M 699 | INSPECT HYDRAULIC SYSTEM GROUND TEST VALVE MECHANICAL COMPONENTS | .57 | 3.7 | 5.9 | 4.47 |
| M 551 | INSPECT DEICING SYSTEMS | .54 | 6.9 | 5.9 | 4.81 |
| K 564 | INSPECT WINDSHIELD WIPER SYSTEMS | .37 | 3.9 | 3.8 | 4.09 |
| M 238 | INSPECT APT CARGO DOOR OR RAMP SYSTEMS | .35 | 7.0 | 8.3 | 4.69 |
| M 244 | INSPECT CARGO COMPARTMENT PRESSURE DOOR SYSTEMS | .18 | 4.6 | 4.2 | 5.31 |
| ----- | | | | | |
| O71 | 23C. GIVEN THE APPLICABLE TECHNICAL ORDERS, AFTO FORMS 781A, 781M, 781K, 349, AND 350, AND A LIST OF MAINTENANCE DISCREPANCIES, DOCUMENT AND SHOW COMPLETION OF THREE DISCREPANCIES ON THE APPLICABLE FORMS WITH NO MORE THAN SIX INSTRUCTOR ASSISTS PER PROJECT. (W, PC, & MRS) | | | | |
| ----- | | | | | |
| E 135 | ANNOTATE AFTO FORM 781K-AEROSPACE VEHICLE INSPECTION-ENGINE DATA, CALENDAR ITEM INSP-1 DELAY DISCREPANCY DOCUMENT | 7.24 | 61.1 | 65.6 | 3.93 |
| E 150 | ANNOTATE MAINTENANCE DATA COLLECTION RECORD FORMS (AFTO FORM 349) | 7.23 | 54.9 | 59.5 | 4.25 |
| E 133 | ANNOTATE AEROSPACE VEHICLE FLIGHT STATUS AND MAINTENANCE DOCUMENT FORMS (AFTO FORM 781M) | 7.17 | 57.6 | 61.4 | 3.92 |
| E 151 | ANNOTATE MAINTENANCE DISCREPANCY AND WORK DOCUMENT FORMS (AFTO FORM 781A) | 7.14 | 53.0 | 56.2 | 4.03 |
| E 134 | ANNOTATE AEROSPACE VEHICLE-ENGINE FLIGHT FORMS (AFTO FORM 781J) | 6.58 | 48.7 | 51.6 | 3.75 |
| E 131 | ANNOTATE AEROSPACE VEHICLE FLIGHT DATA DOCUMENT FORMS (AFTO FORM 781) | 6.19 | 46.3 | 49.7 | 3.91 |
| E 161 | ANNOTATE REPAIRABLE ITEM PROCESSING TAG FORMS (AFTO FORM 350) | 6.02 | 48.6 | 51.6 | 3.97 |
| E 132 | ANNOTATE AEROSPACE VEHICLE FLIGHT REPORT AND MAINTENANCE DOCUMENT FORMS (AFTO FORM 781F) | 5.19 | 33.9 | 33.6 | 3.86 |
| M 577 | RESEARCH TECHNICAL PUBLICATIONS | 4.75 | 21.7 | 26.1 | 5.44 |

POI 340931X1/12 MATCHED WITH 431X1 SURVEY DATA

X1 X1
TE ENL TO
#00 (M) (F)

Q ISK TITLES

072 24. SECURITY: GIVEN INFORMATION ON OPERATIONS SECURITY,
ATC STUDY GUIDC E389708000001, COMMUNICATIONS SECURITY AND
FILM TF6650, "COMSEC AND YOU," ANSWER THE QUESTIONS LISTED
IN THE WORKBOOK. FOURTEEN OUT OF 20 RESPONSES MUST BE
CORRECT. (M: 2 MRS)

073 25. CANOPY AND EGRESS: GIVEN APPLICABLE TECHNICAL ORDER
INFORMATION ON AIRCRAFT/TRAINER, AND WORKING IN TEAMS,
PARTICIPATE IN MAKING THE EGRESS SYSTEM SAFE FOR MAINTE-
NANCE WITH NO MORE THAN TWO INSTRUCTOR ASSISTANTS PER TEAM.
(M, PC: 3 MRS)

| | | | | |
|--|------|------|------|------|
| M 257 INSPECT SEATS, SEATBELTS, INERTIAL REELS, OR SHOULDER
HARNESSES | 6.34 | 68.7 | 65.1 | 4.62 |
| M 350 REMOVE OR INSTALL SAFETY DEVICES, SUCH AS SEAT PINS OR
SEAR LOCKS | 6.17 | 63.7 | 61.1 | 3.13 |
| M 287 OPERATIONALLY CHECK CANOPIES | 5.29 | 56.6 | 57.1 | 4.49 |
| M 247 INSPECT EJECTION SYSTEMS | 4.77 | 35.6 | 34.9 | 6.41 |
| M 256 INSPECT SEAT LOCKING MECHANISMS | 2.23 | 24.6 | 23.5 | 4.28 |

074 26. TEST AND CRITIQUE: (1.5 MRS)

075 27. COURSE CRITIQUE AND GRADUATION. (1.5 MRS)

AD-A111 325

AIR FORCE OCCUPATIONAL MEASUREMENT CENTER RANDOLPH AFB TX F/G 5/9
TRAINING EXTRACT, AFSC 431X1. TACTICAL AIRCRAFT MAINTENANCE.(U)
JAN 82

UNCLASSIFIED

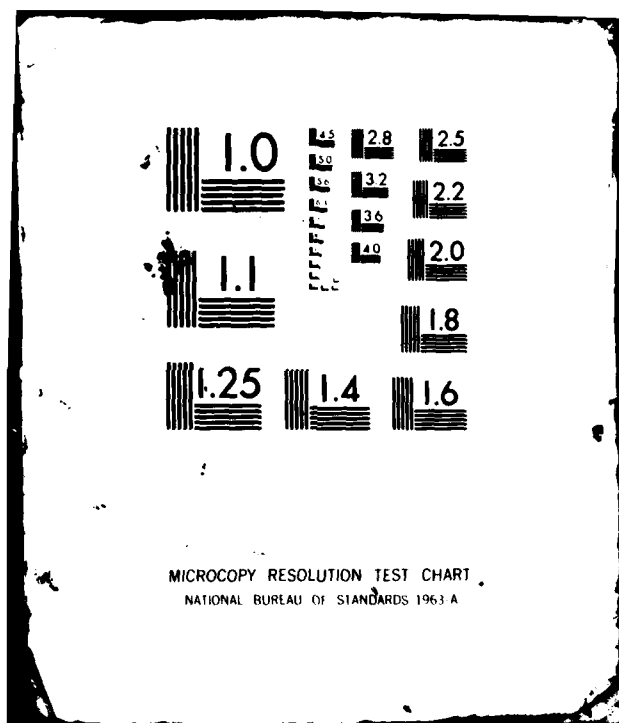
NL

3 3

3 3



END
DATE
FILMED
3 82
DTIC



| | | | | | |
|-------|--------|-----|-----|-----|-----|
| | TITLES | X1 | IS7 | IS7 | XI |
| D TSK | | YE | JOB | ENL | TD |
| | | *D* | (M) | (N) | (F) |

TASKS NOT REPEMPED

| | 2 STD DEVIATION | ABOVE MEAN INC EMPHASIS |
|--|-----------------|-------------------------|
| I 395 DIRECT TOWING OPERATIONS | 6.60 | 49.2 |
| I 426 OPERATE TOW VEHICLES DURING AIRCRAFT TOWING OPERATIONS | 6.2A | 30.8 |
| I 390 DIRECT JACKING OPERATIONS | 6.23 | 53.0 |
| I 448 STANO FIREGUARD | 6.20 | 60.6 |
| I 393 DIRECT FUELING OR DEFUELING OPERATIONS | 6.19 | 55.5 |
| I 413 OPERATE AIRCRAFT COCKPIT CONTROLS DURING TOWING OPERATIONS | 5.19 | 51.1 |
| I 421 OPERATE HYDRAULIC TEST STANDS | 5.15 | 41.7 |
| J 497 OPERATIONALLY CHECK BRAKE SYSTEMS | 5.02 | 29.9 |
| I 411 MOTOR AIRCRAFT | 4.98 | 33.2 |
| O 105 CONDUCT GJY | 4.91 | 10.4 |
| O 799 PREPARE AIRCRAFT OF FUEL CELL MAINTENANCE | 4.52 | 29.0 |
| O 801 REMOVE OR INSTALL EXTERNAL FUEL TANKS | 4.50 | 39.7 |
| E 136 ANNOTATE AIRCRAFT MAINTENANCE CHECKSHEETS | 4.48 | 18.7 |
| M 205 ADJUST ACCESS DOOR OR WATCH LINKAGE OR LATCHING MECHANISMS | 4.43 | 33.7 |
| E 141 ANNOTATE CHECKDOWN AND MOONEY ITEM INSPECTION DOCUMENT | 4.19 | 13.1 |
| | | 57.2 |
| | | 40.6 |
| | | 58.2 |
| | | 1.91 |
| | | 5.85 |
| | | 3.82 |
| | | 5.23 |
| | | 4.44 |
| | | 3.21 |
| | | 5.52 |
| | | 4.96 |
| | | 5.06 |
| | | 4.00 |
| | | 4.68 |
| | | 3.88 |

2 STD DEVIATION

| FORMS (AFTO FORM 7810) | | | |
|------------------------|-------------------------------------|--|------|
| | ORDER PARTS BY VOICE COMMUNICATIONS | | |
| 6 | 200 | ORDER PARTS BY VOICE COMMUNICATIONS | |
| E | 168 | ANNOTATE SUPPLY CONTROL LOG FORMS (AF FORM 2413) | 4.04 |
| I | 397 | DRAIN ENGINE OIL | 4.01 |
| I | 434 | REMOVE SNOW OR ICE FROM AIRCRAFT MANUALLY | 4.01 |
| E | 152 | ANNOTATE MAINTENANCE PROGRAM FORMS (AF FORM 2406) | 3.72 |
| E | 195 | INVENTORY SUPPLIES, EQUIPMENT, OR TOOLS | 3.53 |
| M | 378 | RETORQUE STRUCTURE MOUNT BOLTS | 3.97 |
| D | 109 | ADJUST CANOPY LINKAGE OR LATCHING MECHANISMS | 3.84 |
| D | 209 | COUNSEL TRAINEES ON TRAINING PROGRESS | 3.83 |
| C | 93 | PREPARE APP'S | 3.74 |
| P | 841 | YOU NONPUNCHED AGE | 3.73 |
| I | 435 | REMOVE SNOW OR ICE FROM AIRCRAFT USING AGE | 3.71 |
| I | 388 | COOL HOT BRAKES | 3.67 |
| F | 187 | MAINTAIN TECHNICAL ORDER FILES | 3.65 |
| I | 427 | PERFORM AIRCRAFT COLD-WEATHER PROCEDURES | 3.58 |
| M | 301 | REMOVE OR INSTALL ACCESS DOOR OR WATCH LINKAGE OR LATCHING MECHANISMS COMPONENTS | 3.55 |
| | | | 3.51 |

1 STD DEVIATION

| FORM NO. | DESCRIPTION | 1 STD DEVIATION | APPROVE MEAN TNG DEPHASIS |
|----------|---|-----------------|---------------------------|
| E 147 | ANNOTATE ISSUE/TURN IN REQUEST FORMS (AF FORM 2005) | 3.51 | 13.5 |
| E 121 | MAINTAIN TRAINING RECORDS, CHARTS, ON GRAPHS | 3.58 | 16.3 |
| E 171 | ANNOTATE TECHNICAL ORDER SYSTEM PUBLICATION IMPROVEMENT | 3.62 | 3.7 |
| P 820 | REPORT AND REPLY FORMS (AF FORM 221) | 3.62 | 5.0 |
| P 828 | OPERATIONALLY CHECK LOX SERVICING CARTS | 3.37 | 23.7 |
| P 830 | OPERATIONALLY CHECK OIL SERVICING CARTS | 3.35 | 23.3 |
| P 832 | OPERATIONALLY CHECK OIL SERVICING CARTS | 3.33 | 18.3 |
| P 834 | OPERATIONALLY CHECK OIL SERVICING CARTS | 3.32 | 28.2 |
| P 836 | OPERATIONALLY CHECK OIL SERVICING CARTS | 3.32 | 9.2 |
| P 838 | OPERATIONALLY CHECK OIL SERVICING CARTS | 3.32 | 10.1 |
| P 840 | OPERATIONALLY CHECK OIL SERVICING CARTS | 3.32 | 5.8 |
| P 842 | OPERATIONALLY CHECK OIL SERVICING CARTS | 3.28 | 7.3 |
| P 844 | OPERATIONALLY CHECK OIL SERVICING CARTS | 3.28 | 15.6 |
| P 846 | OPERATIONALLY CHECK OIL SERVICING CARTS | 3.28 | 17.5 |
| P 848 | OPERATIONALLY CHECK OIL SERVICING CARTS | 3.28 | 20.1 |
| P 850 | OPERATIONALLY CHECK OIL SERVICING CARTS | 3.28 | 27.1 |
| P 852 | OPERATIONALLY CHECK OIL SERVICING CARTS | 3.28 | 9.9 |
| P 854 | OPERATIONALLY CHECK OIL SERVICING CARTS | 3.28 | 13.6 |
| P 856 | OPERATIONALLY CHECK OIL SERVICING CARTS | 3.28 | 17.3 |
| P 858 | OPERATIONALLY CHECK OIL SERVICING CARTS | 3.22 | 15.8 |
| P 860 | OPERATIONALLY CHECK OIL SERVICING CARTS | 3.19 | 14.4 |
| P 862 | OPERATIONALLY CHECK OIL SERVICING CARTS | 3.19 | 17.2 |
| P 864 | OPERATIONALLY CHECK OIL SERVICING CARTS | 3.19 | 19.7 |
| P 866 | OPERATIONALLY CHECK OIL SERVICING CARTS | 3.09 | 23.8 |
| P 868 | OPERATIONALLY CHECK OIL SERVICING CARTS | 3.09 | 26.6 |
| P 870 | OPERATIONALLY CHECK OIL SERVICING CARTS | 3.09 | 30.5 |

| D TSK | TITLES | XI
YE
#00 | JOB
ENL
(M) | 157
IM | 157
IM | XI
YD
(F) |
|-------|---|-----------------|-------------------|-----------|-----------|-----------------|
| A 3 | DETERMINE WORK PRIORITIES | 3.08 | 11.9 | 20.0 | | 4.97 |
| J 494 | ADJUST LANDING BEAR DOOR LATCHING MECHANISMS | 3.07 | 15.9 | 19.9 | | 5.97 |
| L 680 | REMOVE OR INSTALL PRIMARY FLIGHT CONTROL SURFACES | 3.07 | 9.9 | 12.3 | | 6.22 |
| P 824 | MAINTAIN WARNING SIGNS, SUCH AS "DANGER AIRCRAFT ON JACKS" | 3.04 | 9.0 | 10.6 | | 2.15 |
| I 410 | OPERATE AIRCRAFT RADIOS | 2.99 | 13.0 | 20.0 | | 8.39 |
| M 317 | REMOVE OR INSTALL CANOPIES | 2.95 | 12.7 | 15.1 | | 6.58 |
| P 818 | MAINTAIN HYDRAULIC SERVICING CARTS | 2.94 | 12.7 | 12.9 | | 3.62 |
| K 568 | CLEAR CHECK OXYGEN SYSTEMS | 2.94 | 13.9 | 18.0 | | 4.50 |
| M 320 | REMOVE OR INSTALL CANOPY RAIN SEALS | 2.93 | 23.4 | 27.9 | | 4.21 |
| L 637 | INSTALL OR REMOVE FLIGHT CONTROL RIG PINS | 2.93 | 10.3 | 12.5 | | 4.28 |
| I 400 | FUEL AIRCRAFT USING HOT PIT REFUELING METHODS | 2.91 | 19.2 | 18.2 | | 3.16 |
| P 813 | MAINTAIN AIRCRAFT JACKS | 2.85 | 10.3 | 11.4 | | 3.47 |
| M 369 | REMOVE OR INSTALL WINDOWS OR WINDSHIELDS | 2.85 | 18.3 | 17.0 | | 6.63 |
| L 644 | MEASURE FLIGHT CONTROL SURFACE TRAVEL USING PROTRACTORS, TEMPLATE, OR ROBBING DEVICES | 2.82 | 8.5 | 11.1 | | 5.63 |
| D 107 | CONDUCT SAFETY TRAINING | 2.81 | 2.3 | 3.9 | | 5.35 |
| X1032 | INSPECT IFR RECEIPTANCES | 2.79 | 22.7 | 26.4 | | 4.35 |
| S 199 | MAINTAIN TOOL CRIBS | 2.76 | 10.0 | 11.4 | | 3.28 |
| B 910 | TRANSPORT EXTERNAL FUEL TANKS FROM OR TO STORAGE AREAS | 2.72 | 17.5 | 20.2 | | 2.93 |
| P 811 | INSPECT GROUND ENGINE RUNUP SCREENS | 2.72 | 17.5 | 23.1 | | 3.23 |
| P 823 | MAINTAIN TOWING EQUIPMENT OTHER THAN VEHICLES | 2.71 | 8.3 | 8.8 | | 3.36 |
| J 499 | ADJUST LANDING BEAR UP OR DOWN LOCK MECHANISMS | 2.71 | 13.2 | 14.0 | | 6.18 |
| R 606 | CLEAN ENGINE AIR INTAKE DUCTS | 2.70 | 15.8 | 15.9 | | 2.43 |
| L 687 | REMOVE OR INSTALL SPOILERS OR SPEED BRAKES | 2.65 | 19.9 | 22.2 | | 5.87 |
| P 821 | MAINTAIN OTC SERVICING CARTS | 2.62 | 11.5 | 12.2 | | 3.36 |
| J 470 | INSPECT LANDING BEAR DRAB PINS OR BUSHINGS | 2.61 | 25.5 | 27.3 | | 4.60 |
| H 347 | REMOVE OR INSTALL KNOCKES | 2.61 | 23.7 | 26.8 | | 4.79 |
| X1029 | INSPECT IFR BOOMS | 2.60 | 27.6 | 31.2 | | 4.17 |
| J 528 | REMOVE OR INSTALL LANDING BEAR UP OR DOWN LOCK MECHANISM COMPONENTS | 2.59 | 19.1 | 14.5 | | 5.85 |
| J 609 | LOCATE BRAME SYSTEM MALFUNCTIONS | 2.58 | 8.5 | 10.9 | | 6.05 |
| C 99 | REVIEW MAINTENANCE DATA OR EQUIPMENT RECORD FORMS | 2.56 | 12.0 | 14.2 | | 4.94 |
| P 825 | MAINTAIN WASTE OIL OR CONTAMINATED FUEL BOWSENS | 2.54 | 7.2 | 10.3 | | 2.66 |
| M 372 | REMOVE OR INSTALL WING LEADING EDGES | 2.52 | 22.1 | 24.8 | | 5.99 |
| J 492 | ADJUST-DRONE SYSTEM MECHANICAL COMPONENTS | 2.52 | 19.7 | 20.7 | | 3.47 |
| L 614 | ADJUST FLIGHT CONTROL CABLE TENSION | 2.52 | 7.9 | 9.3 | | 6.15 |
| L 624 | CHECK-FLIGHT CONTROL CABLE TENSIONS | 2.50 | 8.1 | 9.8 | | 3.16 |
| G 196 | MAINTAIN BENCHMARK PARTS OR EQUIPMENT LEVELS | 2.50 | 7.3 | 9.2 | | 4.88 |
| M 318 | REMOVE OR INSTALL CANOPY LATCHING MECHANISM COMPONENTS | 2.50 | 10.3 | 11.2 | | 7.71 |
| J 513 | REMOVE OR INSTALL LANDING BEAR DOOR LATCHING MECHANISM COMPONENTS | 2.50 | 18.8 | 19.1 | | 3.39 |
| B 54 | SUPERVISOR APPROPRIATE TECHNICAL AIRCRAFT MAINTENANCE SPECIALISTS (AFSC 43131) | 2.49 | 6.8 | 12.3 | | 5.96 |
| C 81 | CERTIFY STATUS OF REPAIRABLE, SERVICEABLE, OR CONDEMNED PARTS | 2.49 | 4.6 | 12.2 | | 5.26 |
| P 189 | MAINTAIN STANDARD AIR FORCE PUBLICATIONS, REGULATIONS, OR MANUALS | 2.49 | 4.5 | 5.8 | | 5.22 |

POI 3A0R31X1/12 MATCHED WITH 431X1 SURVEY DATA

FCP605 PAGE 205

OCCUPATIONAL ANALYSIS PROGRAM
USAFOMC (ATC) RANDOLPH AFB TX

| O TSK | TITLES | X1
TE
#0* | 1ST
JOB
(M) | 1ST
ENL
(M) | X1
TD
(F) |
|-------|---|-----------------|-------------------|-------------------|-----------------|
| O 806 | REMOVE OR INSTALL STAND PIPES OR SEALS ON EXTERNAL FUEL TANKS | 2.49 | 12.5 | 17.1 | 4.46 |
| P 867 | INSPECT AFTERBURNER (AB) EVELID SYSTEMS | 2.49 | 14.9 | 18.2 | 4.58 |
| I 309 | DECONTAMINATE AIRCRAFT | 2.87 | 5.1 | 7.1 | 5.10 |
| R 933 | REMOVE OR INSTALL THROTTLE QUADRANTS | 2.46 | 8.3 | 10.9 | 6.47 |
| M 742 | CLEAN BATTERY TERMINALS OR CONNECTORS | 2.85 | 19.3 | 18.2 | 3.19 |
| D 117 | EVALUATE GJT TRAINERS OR TRAINEES | 2.43 | 2.5 | 5.5 | 5.95 |
| E 174 | ANNOTATE UNSERVICED (CONDENSED) TAG MATERIAL FORMS (100 FORM 1577) | 2.42 | 7.7 | 10.9 | 3.99 |
| J 519 | REMOVE OR INSTALL LANDING BEAR HYDRAULIC SYSTEM COMPONENTS | 2.41 | 8.5 | 11.9 | 5.49 |
| M 270 | ISOLATE CANOPY SYSTEM MALFUNCTIONS | 2.40 | 8.9 | 10.8 | 7.06 |
| L 618 | ADJUST FLIGHT CONTROL MECHANICAL STOPS | 2.39 | 8.7 | 9.4 | 5.79 |
| L 611 | ADJUST FLIGHT CONTROL ACTUATOR ROD ENDS | 2.38 | 7.8 | 10.1 | 5.73 |
| K 585 | PURGE LIQUID OXYGEN SYSTEMS | 2.37 | 21.3 | 20.1 | 4.92 |
| R 879 | INSPECT ENGINE FUEL FILTERS | 2.35 | 13.5 | 13.9 | 4.21 |
| E 175 | ANNOTATE UNSERVICABLE (REPARABLE) TAG MATERIAL FORMS (100 FORM 1577-27) | 2.35 | 7.2 | 11.1 | 3.98 |
| L 619 | ADJUST FLIGHT CONTROL PUSH PULL RODS | 2.35 | 7.7 | 9.7 | 5.85 |
| M 798 | ISOLATE EXTERNAL LIGHTING SYSTEM MALFUNCTIONS | 2.32 | 15.2 | 17.1 | 6.02 |
| J 509 | REMOVE OR INSTALL BRAKE SYSTEM MECHANICAL COMPONENTS | 2.32 | 10.0 | 12.5 | 5.06 |
| | OTHER THAN DRIVE ASSEMBLIES | | | | |
| O 800 | PREPARE EXTERNAL FUEL TANKS FOR STORAGE | 2.31 | 16.6 | 19.5 | 4.48 |
| P 828 | MAINTAIN WITHDRAWN SERVICING CHITS | 2.30 | 4.4 | 4.9 | 3.58 |
| M 724 | REMOVE OR INSTALL HYDRAULIC SYSTEM FILTERS | 2.28 | 9.9 | 10.7 | 4.51 |
| M 370 | REMOVE SCRATCHES FROM TRANSPARENT SURFACES | 2.28 | 8.8 | 11.3 | 5.32 |
| M 319 | REMOVE OR INSTALL CANOPY PHOTO VIE SEALS | 2.28 | 14.6 | 15.9 | 5.29 |
| P 817 | MAINTAIN FOR SERVICING CHIT | 2.24 | 5.8 | 6.3 | 4.31 |
| R 774 | DRY-DRAIN FUEL TANKS | 2.23 | 19.4 | 20.6 | 3.52 |
| R 802 | INSPECT ENGINE OIL FILTERS | 2.22 | 13.9 | 12.7 | 4.12 |
| M 348 | REMOVE OR INSTALL HORIZON | 2.22 | 11.1 | 12.4 | 7.06 |
| P 106 | MAINTAIN STATUS BOARDS, DIALS, OR CHARTS | 2.22 | 5.2 | 7.0 | 4.58 |
| J 504 | PACK WHEEL BEARINGS | 2.21 | 13.9 | 14.4 | 3.50 |
| A 9 | DEVELOP WORK METHODS OR PROCEDURES | 2.18 | 8.7 | 11.1 | 6.17 |
| B 42 | IMPLEMENT SAFETY PROGRAMS | 2.16 | 2.7 | 2.8 | 5.45 |
| E 166 | ANNOTATE SERVICABLE TAG MATERIAL FORMS 100 FORM 15747 | 2.15 | 5.8 | 7.0 | 4.08 |
| I 436 | SERVICE ALTERNATOR OR GENERATOR DRIVES | 2.15 | 13.7 | 14.6 | 4.30 |
| E 172 | ANNOTATE TEMPORARY ISSUE RECEIPT FORMS (100 FORM 1297) | 2.12 | 11.8 | 14.9 | 3.84 |
| B 201 | RESEARCH SUPPLY PUBLICATIONS | 2.12 | 5.1 | 7.4 | 5.09 |
| J 525 | REMOVE OR INSTALL LANDING BEAR STRUCTURAL COMPONENTS, SUCH AS GRAB BRACES OR SLING ARMS | 2.11 | 7.7 | 9.8 | 5.78 |
| M 754 | ISOLATE INTERNAL LIGHTING SYSTEM MALFUNCTIONS | 2.11 | 11.8 | 13.9 | 6.01 |
| L 670 | REMOVE OR INSTALL FLIGHT CONTROL CABLE TURN BUCKLES | 2.10 | 6.9 | 8.3 | 5.80 |
| D 118 | DETERMINE GJT TRAINING REQUIREMENTS | 2.09 | 1.8 | 4.3 | 3.86 |
| L 648 | REMOVE OR INSTALL FLIGHT CONTROL CABLE PULLEYS | 2.09 | 7.2 | 9.0 | 5.69 |
| R 909 | OPERATIONALLY CHECK THROTTLE SYSTEMS | 2.08 | 5.8 | 10.5 | 5.11 |
| M 715 | ISOLATE HYDRAULIC SYSTEM MALFUNCTIONS | 2.07 | 6.3 | 7.2 | 6.68 |
| X1834 | OPERATIONALLY CHECK IFR DOORS | 2.06 | 18.9 | 24.2 | 4.54 |
| D 119 | EVALUATE TRAINING PROGRESS OF STUDENTS | 2.05 | 2.3 | 4.3 | 5.46 |

| D TSM | TITLES | X1 | 1ST | 1ST | 1ST | X1 | 1ST | 1ST | 1ST |
|-------|--|------|------|------|------|----|-----|-----|-----|
| | | TE | JOB | ENL | TD | TE | JOB | ENL | TD |
| | | AD | (M) | (H) | (F) | | (M) | (H) | (F) |
| P 026 | OPERATIONALLY CHECK GASEOUS OXYGEN SERVICING CARTS | 2.04 | 11.0 | 11.9 | 3.69 | | | | |
| E 175 | MINUTATE TRAINING REQUEST AND TRAINING COMPLETION | 2.03 | 2.3 | 3.8 | 4.12 | | | | |
| | NOTIFICATION FORMS (AF FORM 2426) | | | | | | | | |
| L 067 | REMOVE OR INSTALL FLIGHT CONTROL BUSHINGS OR BUSHINGS | 2.03 | 8.2 | 9.8 | 5.72 | | | | |
| L 073 | REMOVE OR INSTALL FLIGHT CONTROL CABLES | 2.02 | 7.7 | 8.8 | 6.19 | | | | |
| M 227 | BRIGHTEN AIRCRAFT SURFACES | 2.01 | 23.1 | 24.2 | 3.77 | | | | |
| L 076 | REMOVE OR INSTALL FLIGHT CONTROL PUSH PULL RODS | 2.01 | 9.0 | 10.2 | 5.74 | | | | |
| M 313 | REMOVE OR INSTALL BALLASTS | 2.00 | 8.5 | 11.1 | 3.70 | | | | |
| M 237 | INSPECT AIRCRAFT EMERGENCY EQUIPMENT FOR AVAILABILITY, | 1.99 | 30.4 | 27.7 | 3.89 | | | | |
| | SUCH AS FIRST AID KITS, TOOLS, OR FIRE EXTINGUISHERS | | | | | | | | |
| J 491 | ISOLATE LANDING BEAR EXTENSION OR RETRACTION MECHANISM | 1.98 | 6.3 | 9.0 | 6.44 | | | | |
| | HELPFUNCTIONS | | | | | | | | |
| M 339 | REMOVE OR INSTALL HORIZONTAL OR VERTICAL STABILIZER | 1.98 | 10.6 | 19.2 | 5.05 | | | | |
| | LEADING EDGES | | | | | | | | |
| M 722 | REMOVE OR INSTALL ACCUMULATOR PRESSURE GAUGES | 1.97 | 6.6 | 9.1 | 4.53 | | | | |
| E 129 | ANNOTATE ACCESSORY REPLACEMENT DOCUMENT FORMS | 1.97 | 10.7 | 9.0 | 4.30 | | | | |
| | (AF TO FORM 781E) | | | | | | | | |
| R 900 | OPERATIONALLY CHECK STARTERS | 1.95 | 3.5 | 9.3 | 5.02 | | | | |
| R 900 | OPERATIONALLY CHECK ENGINE IGNITION SYSTEMS | 1.95 | 4.9 | 10.0 | 5.00 | | | | |
| C 70 | EXECUTE MAINTENANCE WITH COLLECTION TROOP REPORTS | 1.93 | 3.4 | 8.1 | 5.38 | | | | |
| J 402 | BREAK DOWN WHEEL AND TIRE ASSEMBLIES | 1.93 | 24.1 | 19.5 | 4.46 | | | | |
| E 600 | ISOLATE PRIMARY FLIGHT CONTROL SYSTEM MALFUNCTIONS | 1.93 | 8.6 | 8.1 | 7.00 | | | | |
| J 403 | BUILD UP WHEEL AND TIRE ASSEMBLIES | 1.88 | 10.9 | 15.2 | 4.56 | | | | |
| D 100 | CONDUCT SECURITY TRAINING | 1.85 | 2.0 | 2.8 | 5.36 | | | | |
| I 416 | OPERATE DOLLIES, SLIMS, OR CRADLES | 1.85 | 16.5 | 19.5 | 4.36 | | | | |
| G 208 | VERIFY DOC-20 FROM MAINTENANCE TROOP DOCUMENT LISTINGS | 1.83 | 5.2 | 5.6 | 4.91 | | | | |
| | (R-26) | | | | | | | | |
| J 507 | REMOVE OR INSTALL ARRESTING BEAR SYSTEM COMPONENTS | 1.83 | 13.4 | 16.2 | 5.08 | | | | |
| M 302 | REMOVE OR INSTALL ACCESS DOOR OR MATCH PRESSURE SEALS | 1.83 | 10.9 | 18.1 | 4.72 | | | | |
| M 306 | REMOVE OR INSTALL VERTICAL STABILIZERS | 1.81 | 10.4 | 10.1 | 6.82 | | | | |
| L 620 | ADJUST FLIGHT CONTROL TRIM ACTUATORS | 1.81 | 6.1 | 6.6 | 6.00 | | | | |
| R 932 | REMOVE OR INSTALL THROTTLE QUADRANT COMPONENTS | 1.80 | 5.4 | 7.4 | 6.35 | | | | |
| M 374 | REMOVE OR INSTALL WING TRAILING EDGES | 1.79 | 12.5 | 12.5 | 5.79 | | | | |
| M 352 | REMOVE OR INSTALL SEATBELTS OR SHOULDER HARNESS | 1.78 | 14.8 | 14.8 | 4.43 | | | | |
| M 267 | INTERPRET SYSTEM SCHEMATICS | 1.77 | 6.6 | 6.4 | 6.82 | | | | |
| E 107 | ANNOTATE SIGNIFICANT HISTORICAL DATA FORMS (AF TO FORM 95) | 1.77 | 2.1 | 2.5 | 4.25 | | | | |
| R 801 | INSPECT ENGINE OIL COOLERS | 1.77 | 6.3 | 7.8 | 4.30 | | | | |
| L 664 | REMOVE OR INSTALL FLIGHT CONTROL BELL CRANKS | 1.75 | 6.6 | 8.0 | 6.05 | | | | |
| R 819 | MAINTAIN MAINTENANCE TRAILERS OR DOLLIES | 1.75 | 3.8 | 5.3 | 3.27 | | | | |
| B 96 | SUPERVISE PERSONNEL WITH AFSCS OTHER THAN 431X1 OR 431X2 | 1.74 | 2.8 | 5.3 | 6.04 | | | | |
| L 641 | REMOVE OR INSTALL FLAP CONTROL MECHANISM COMPONENTS | 1.74 | 7.9 | 9.4 | 6.16 | | | | |
| M 504 | PURGE GASEOUS OXYGEN SYSTEMS | 1.74 | 10.8 | 11.1 | 4.77 | | | | |
| L 639 | ISOLATE FLIGHT CONTROL TRIM SYSTEM MALFUNCTIONS | 1.72 | 5.1 | 6.9 | 6.63 | | | | |
| P 178 | MAINTAIN EQUIPMENT OR AIRCRAFT STATUS REPORTS | 1.72 | 10.8 | 15.9 | 5.00 | | | | |
| A 27 | PREPARE WORK ASSIGNMENTS | 1.72 | 2.3 | 6.4 | 4.83 | | | | |
| B 47 | INTERPRET POLICIES, DIRECTIVES, OR PROCEDURES FOR | 1.71 | 3.5 | 6.2 | 5.50 | | | | |
| | SUBORDINATES | | | | | | | | |
| R 859 | ADJUST THROTTLE LINKAGES OR CABLES | 1.71 | 9.2 | 6.8 | 5.80 | | | | |
| R 860 | ADJUST THROTTLE QUADRANTS | 1.71 | 5.9 | 7.8 | 6.16 | | | | |

| D TSK | TITLES | X1
YE
#D* | IST
JOB
(M) | IST
EML
(M) | X1
TO
(F) |
|-------|--|-----------------|-------------------|-------------------|-----------------|
| M 727 | REMOVE OR INSTALL HYDRAULIC SYSTEM SIGHT GAUGES | 1.43 | 4.2 | 4.8 | 4.43 |
| J 408 | ISOLATE UNRESTING GEAR SYSTEM MALFUNCTIONS | 1.43 | 5.4 | 7.5 | 5.95 |
| B 30 | ASSIGN PERSONNEL TO DUTY POSITIONS | 1.42 | 1.6 | 6.5 | 4.32 |
| C 97 | PREPARE REPLY TO INSPECTION REPORTS | 1.41 | 2.4 | 3.2 | 5.85 |
| M 330 | REMOVE OR INSTALL DRAGCHUTE DOORS | 1.41 | 16.5 | 21.1 | 5.01 |
| A 15 | ESTABLISH WORK SCHEDULES | 1.41 | 3.7 | 5.5 | 4.89 |
| R 870 | INSPECT BLOW-IN, SUCKER, OR FLIPPER DOORS | 1.39 | 17.0 | 18.0 | 3.98 |
| R 926 | REMOVE OR INSTALL STARTER CARTRIDGES | 1.39 | 11.7 | 13.4 | 3.89 |
| I 451 | WEIGH AIRCRAFT | 1.37 | 7.5 | 7.7 | 6.36 |
| R 927 | REMOVE OR INSTALL STARTERS | 1.37 | 4.9 | 6.9 | 5.03 |
| B 43 | IMPLEMENT SECURITY PROGRAMS | 1.36 | 2.0 | 2.2 | 5.76 |
| O 842 | INSPECT -21 SUPPORT EQUIPMENT | 1.36 | 2.5 | 3.3 | 3.53 |
| O 114 | DIRECT OR IMPLEMENT OUT PROGRAMS | 1.35 | 1.8 | 2.5 | 6.22 |
| R 928 | REMOVE OR INSTALL TAIL PIPES | 1.35 | 5.2 | 5.9 | 4.77 |
| R 864 | CLEAN CARTRIDGE TYPE STARTER BREECH CAPS | 1.35 | 13.4 | 17.0 | 3.22 |
| M 254 | INSPECT RAT DOORS | 1.35 | 13.1 | 17.1 | 4.15 |
| L 630 | INSPECT FLIGHT CONTROL ARTIFICIAL FEEL SYSTEMS | 1.35 | 5.2 | 7.2 | 5.24 |
| O 795 | OPERATIONALLY CHECK FUEL TANK PRESSURE SYSTEMS | 1.34 | 9.0 | 10.0 | 4.95 |
| O 805 | REMOVE OR INSTALL FUEL TANK PYLONS | 1.34 | 8.3 | 9.3 | 4.99 |
| P 836 | SERVICE VIBRONS DRIVEN SERVICING CRTS | 1.34 | 3.0 | 3.8 | 3.80 |
| A 10 | ESTABLISH INSPECTION PROCEDURES | 1.33 | 7.2 | 8.0 | 6.51 |
| M 275 | ISOLATE DRAGCHUTE SYSTEM MALFUNCTIONS | 1.33 | 8.7 | 11.9 | 6.38 |
| M 716 | ISOLATE PNEUMATIC SYSTEM MALFUNCTIONS | 1.33 | 4.5 | 5.7 | 6.59 |
| I 104 | BLEED EMERGENCY POWER UNIT NITROGEN CHARGES | 1.32 | 14.9 | 13.9 | 3.93 |
| K 549 | INSPECT AUXILIARY POWER UNITS (APU), EMERGENCY POWER UNITS (EPDU), OR GAS-TURBINE COMPRESSIONS (TCC) | 1.31 | 12.5 | 12.2 | 4.87 |
| L 679 | REMOVE OR INSTALL GUST LOCKS | 1.31 | 6.6 | 6.9 | 4.19 |
| R 922 | REMOVE OR INSTALL ENGINE OIL FILTERS | 1.30 | 5.1 | 5.3 | 4.57 |
| B 41 | IMPLEMENT QUALITY CONTROL STANDARDS | 1.30 | 2.3 | 2.7 | 5.00 |
| C 75 | EVALUATE SAFETY PROGRAMS | 1.30 | 1.5 | 1.9 | 5.89 |
| L 645 | MEASURE FORCE FEEL OF STICKS OR COLUMNS | 1.30 | 5.6 | 5.6 | 5.58 |
| O 116 | EVACUATE THROTTLE METHODS OR TECHNIQUES | 1.29 | 2.4 | 2.8 | 6.11 |
| M 730 | REMOVE OR INSTALL PNEUMATIC SYSTEM AIR BOTTLES | 1.29 | 5.9 | 6.2 | 4.98 |
| A 16 | PARTICIPATE IN MEETINGS, SUCH AS STAFF MEETINGS, BRIEFINGS, CONFERENCES, OR WORKSHOPS | 1.28 | 12.3 | 11.9 | 4.52 |
| B 44 | IMPLEMENT SELF-INSPECTION PROGRAMS | 1.28 | 3.0 | 3.4 | 5.88 |
| C 64 | EVALUATE COMPLIANCE WITH PERFORMANCE STANDARDS | 1.28 | 2.3 | 2.8 | 5.52 |
| M 375 | REMOVE OR INSTALL VIBS | 1.28 | 5.6 | 6.0 | 5.54 |
| P 812 | LUBRICATE NONPOWERED AGE | 1.28 | 4.8 | 6.5 | 3.01 |
| L 615 | ADJUST FLIGHT CONTROL PIPED TABS | 1.28 | 3.7 | 3.9 | 5.50 |
| P 834 | SERVICE LOX SERVICING CARTS | 1.28 | 3.5 | 4.3 | 3.94 |
| C 139 | ADJUSTATE SIMPLER-RECORD FORMS 100 FORM-36581 | 1.28 | 2.3 | 2.0 | 5.99 |
| R 609 | SERVICE APU'S, CPU'S, OR STC'S | 1.24 | 7.2 | 7.9 | 4.33 |
| C 65 | EVALUATE EMERGENCY PROCEDURES | 1.24 | 2.0 | 2.6 | 5.72 |
| C 84 | INITIATE UNSATISFACTORY REPORTS | 1.24 | 1.1 | 1.8 | 5.83 |
| M 249 | OPERATIONALLY CHECK RAT DOORS | 1.24 | 10.7 | 14.8 | 4.10 |
| P 835 | PERFORM PERIODIC INSPECTION ON NONPOWERED AGE | 1.24 | 4.2 | 4.9 | 3.43 |
| O 104 | ASSIGN ON-THE-JOB TRAINING (OUT) TRAINING | 1.23 | 2.4 | 2.4 | 4.74 |
| M 354 | REMOVE OR INSTALL SHOULDER HARDNESS INERTIAL REELS | 1.23 | 9.9 | 8.8 | 5.23 |

D TSM

TITLES

X1

YE

800

157

JOB

(M)

ENL

(M)

X1

TD

(F)

J 517 REMOVE OR INSTALL LANDING GEAR ELECTRICAL SYSTEM COMPONENTS

1.23

4.2

5.37

E 163 ANNOTATE ROUTING AND REVIEW OF QUALITY CONTROL REPORTS FORMS (AF FORM 2519)

1.22

1.4

4.52

P 831 PERFORM CORROSION CONTROL ON NONPOWERED AGE

1.22

2.0

3.16

C 83 INSPECT AIRMAN PERFORMANCE REPORTS (AF FORM 37)

1.21

1.1

3.38

J 506 REMOVE OR INSTALL ANTISKID SYSTEM COMPONENTS

1.21

16.9

4.91

R 923 REMOVE OR INSTALL ENGINE OIL LINES

1.20

3.8

4.50

L 616 ADJUST FLIGHT CONTROL LIMIT SWITCHES

1.20

3.0

5.97

L 608 REMOVE OR INSTALL TRIM TABS

1.20

5.9

5.38

R 917 REMOVE OR INSTALL ENGINE COOLING LATCHES

1.20

9.6

4.36

M 720 REMOVE OR INSTALL PNEUMATIC SYSTEM ACCUMULATORS

1.20

3.8

4.98

X1039 REMOVE OR INSTALL IFR DOOR COMPONENTS

1.20

3.9

5.03

M 207 ADJUST AIR DEFLECTOR DOOR COMPONENTS

1.19

10.0

5.30

A 8 DEVELOP SELF-INSPECTION PROGRAMS

1.19

4.8

5.81

A 13 ESTABLISH PERFORMANCE STANDARDS

1.18

3.0

6.35

G 197 MAINTAIN DAILY DOCUMENT REGISTER AND ITEM SURVEILLANCE LISTS (DD FORM 1004)

1.18

2.7

4.85

M 570 OPERATIONAL CHECK (AF FORM 37, EPU-3, OR ETC-3)

1.18

8.0

4.92

M 731 REMOVE OR INSTALL PNEUMATIC SYSTEM CHEMICAL DRYERS

1.18

10.4

4.44

C 89 EVACUATE JOB DESCRIPTIONS

1.18

2.3

5.39

M 236 INSPECT AIR DEFLECTOR DOORS

1.18

19.4

4.11

M 340 REMOVE OR INSTALL RADOME COMPONENTS

1.17

7.0

4.88

M 548 INSPECT ANTI "B" SYSTEMS

1.17

7.6

4.85

G 205 VERIFY PRIORITY MONITOR REPORTS (DD FORM 10-107)

1.17

3.0

4.81

R 850 ADJUST THROTTLE BRANES OR FRICTION MECHANISMS

1.17

3.5

5.26

C 96 PREPARE RECOMMENDATIONS FOR REPAIRS OR DECORATIONS

1.16

1.1

7.18

E 142 ANNOTATE CHART A-BASIC WEIGHT CHECKLIST FORMS (DD FORM 3851)

1.16

1.7

5.38

I 396 DISEMPOWER AIRCRAFT FROM RUNWAY BARRIERS

1.15

5.8

5.26

M 340 REMOVE OR INSTALL EXT DOORS

1.14

8.2

4.95

L 654 OPERATIONALLY CHECK SLAT SYSTEMS

1.14

15.6

5.11

G 840 PERFORM WING MAINTENANCE ON -21 SUPPORT EQUIPMENT, SUCH AS TIGHTENING SCREWS OR BOLTS

1.14

5.4

2.61

M 303 UPLAND OR DOWNLAND POOLS

1.13

7.2

5.00

J 456 ADJUST LANDING GEAR MANUAL EXTENSION MECHANISMS

1.11

3.5

6.08

R 580 REMOVE OR INSTALL AIR-CONDITIONING SYSTEM COMPONENTS

1.11

3.0

5.74

E 149 ANNOTATE J79 ENGINE RUN UP RECORD FORMS (AF TO FORM 701N)

1.10

3.8

4.51

R 593 REMOVE OR INSTALL OXYGEN OXYGEN BOTTLES

1.09

8.3

4.86

C 100 VERIFY MAINTENANCE MANAGEMENT INFORMATION AND CONTROL SYSTEM (MMSCT) SPECIAL CERTIFICATION/INSPECTION LISTS

1.08

1.7

5.56

R 890 ISOLATE STARTER SYSTEM MALFUNCTIONS

1.08

1.7

6.46

R 894 INSPECT VARIATION IN INDUCTION SYSTEMS

1.08

8.9

5.05

B 30 DIRECT MAINTENANCE OR UTILIZATION OF EQUIPMENT OR SUPPLIES

1.07

3.5

4.8

M 219 ADJUST MAIN AIR TURBINE (TRAT) DOORS

1.07

6.3

7.8

A 4 DEVELOP EQUIPMENT UTILIZATION OR MAINTENANCE SCHEDULES

1.07

4.1

6.6

I 430 PERFORM STAB-SHOOP CHECKS

1.06

16.2

4.29

I 407 LIFT AIRCRAFT BY AIR BAGS

1.05

4.4

4.2

| D TSK | TITLE | X1
YE
#D* | 1ST
JOB
(M) | 1ST
ENL
(M) | X1
Y1
(F) |
|-------|---|-----------------|-------------------|-------------------|-----------------|
| F 193 | PREPARE MATERIAL DEFICIENCY REPORTS | 1.05 | 2.5 | 2.2 | 6.31 |
| H 558 | INSPECT RAM AIR TURBINES (RATT) | 1.04 | 10.4 | 13.5 | 4.46 |
| E 103 | ANNOTATE CHART C-BASIC HEIGHT AND BALANCE RECORD FORMS
(100 FORM 355C) | 1.04 | 1.5 | 1.6 | 5.58 |
| E 153 | ANNOTATE MODULAR ENGINE TIME/CYCLE ACCUMULATION RECORD
FORMS (AFTO FORM 931) | 1.03 | 4.8 | 3.8 | 4.47 |
| H 300 | RECOVER OR DELIVER DRASCHUTES | 1.03 | 12.8 | 14.4 | 2.17 |
| R 874 | INSPECT ENGINE BLEED VALVE ASSEMBLIES | 1.03 | 3.8 | 4.5 | 4.49 |
| C 66 | EVALUATE INDIVIDUALS FOR PROMOTION, DEMOTION, OR
RECLASSIFICATION | 1.02 | 1.1 | 1.7 | 6.27 |
| C 68 | EVALUATE INSPECTION REPORTS OR PROCEDURES | 1.02 | 2.1 | 3.0 | 5.79 |
| C 60 | ANALYZE WORKLOAD REQUIREMENTS | 1.02 | 3.3 | 3.5 | 5.95 |
| J 533 | SERVICE LANDING GEAR LEVELING CYLINDERS WITH NITROGEN OR
AIR | 1.01 | 15.5 | 17.1 | 4.00 |
| I 408 | LIFT AIRCRAFT BY CRANES | 1.00 | 4.6 | 4.4 | 7.26 |
| D 113 | DEVELOP TRAINING AIDS | 1.00 | 1.4 | 1.9 | 6.30 |
| P 103 | MAINTAIN PRECISION MEASUREMENT EQUIPMENT (PME)
CALIBRATION SCHEDULES | 1.00 | 2.8 | 3.4 | 4.81 |
| O 807 | REMOVE OR INSTALL SINGLEPOINT FUEL RECEPTACLES | .99 | 7.3 | 7.4 | 5.42 |
| C 875 | REMOVE OR INSTALL FLIGHT CONTROL SURFACE POSITION
INDICATORS | .99 | 2.8 | 3.4 | 5.31 |
| C 929 | PERFORM PERSONNEL PROFICIENCY EVALUATIONS | .97 | 1.1 | 1.7 | 5.60 |
| R 94 | REMOVE OR INSTALL THROTTLE CABLE PULLEYS | .96 | 2.8 | 3.6 | 4.94 |
| A 20 | PERFORM SECURITY PROGRAMS | .96 | 1.4 | 1.7 | 5.97 |
| B 35 | DIRECT DEVELOPMENT OR MAINTENANCE OF STATUS BOARDS,
DASHES, OR CHARTS | .96 | 2.1 | 4.3 | 5.67 |
| R 945 | CLEAN CARTRIDGE TYPE STARTERS | .96 | 7.0 | 8.7 | 3.34 |
| L 450 | OPERATIONALLY CHECK FLIGHT CONTROL HYDRAULIC
POWER PACKAGES | .96 | 4.2 | 5.1 | 5.38 |
| R 855 | ADJUST ENGINE CONTROL LATCHES | .95 | 7.8 | 7.0 | 4.08 |
| C 876 | INSPECT ENGINE FIREWALL SHUT OFF VALVES | .94 | 5.9 | 5.7 | 4.13 |
| C 87 | EVALUATE USE OF WORKSPACE, EQUIPMENT, OR SUPPLIES | .94 | 2.1 | 3.0 | 5.40 |
| H 545 | ISOLATE AIR-CONDITIONING SYSTEM MALFUNCTIONS | .94 | 2.3 | 3.2 | 6.27 |
| L 613 | ADJUST FLIGHT CONTROL IDENTIFICATION FEEL | .94 | 3.3 | 4.8 | 5.60 |
| H 729 | REMOVE OR INSTALL PNEUMATIC SYSTEM ACTUATORS | .93 | 3.7 | 3.6 | 5.13 |
| J 536 | SERVICE LANDING GEAR LEVELING CYLINDERS WITH HYDRAULIC
FLUID | .93 | 13.9 | 18.3 | 4.06 |
| G 204 | VERIFY SUPPLY DUEOUT LISTINGS (R-357) | .93 | 2.3 | 2.5 | 4.81 |
| L 649 | REMOVE OR INSTALL FLIGHT CONTROL CABLE TENSION
REGULATORS | .93 | 3.2 | 4.0 | 6.14 |
| L 672 | REMOVE OR INSTALL FLIGHT CONTROL DRIVE MOTORS | .92 | 4.4 | 4.8 | 5.99 |
| R 936 | SERVICE STARTERS | .92 | 4.8 | 5.8 | 4.29 |
| C 76 | EVALUATE SECURITY PROGRAMS | .92 | 1.3 | 1.5 | 5.76 |
| P 179 | MAINTAIN EQUIPMENT TIME CHANGE REQUIREMENTS | .92 | 4.8 | 7.5 | 5.24 |
| F 180 | MAINTAIN MAINTENANCE MANAGEMENT INFORMATION AND CONTROL
SYSTEMS (MMCS) WORKCENTER LISTINGS | .92 | 2.3 | 2.7 | 5.21 |
| R 916 | REMOVE OR INSTALL BLOW-IN, SUCKER, OR FLIPPER DOORS | .92 | 8.3 | 8.8 | 5.28 |
| R 914 | REMOVE OR INSTALL ACCESSORY DRIVE GEAR BOXES | .91 | 3.9 | 6.8 | 5.97 |
| O 802 | REMOVE OR INSTALL FUEL BOOST PUMPS | .91 | 2.7 | 2.9 | 5.64 |

POI 3A080311/12 MATCHED WITH 431X1 SURVEY DATA

OCCUPATIONAL ANALYSIS PROGRAM
USAFONC (ATC) RANDOLPH AFB TX

FCP605 PAGE 211

81

D TSK TITLES

XI
TE
AD*
1ST
JOB
(M)
1ST
EML
(M)
XI
TD
(F)

B 37 DIRECT MAINTENANCE OF PUBLICATION LIBRARIES
M 200 INTERPRET SYSTEM LAYOUT DRAWINGS OR BLUEPRINTS
R 924 REMOVE OR INSTALL IGNITER PLUGS
R 921 REMOVE OR INSTALL ENGINE OIL COOLERS
X1003 R26 IF4 DOORS
E 159 ANNOTATE QUALITY CONTROL INSPECTION SUMMARY FORMS
(AF FORM 2420)
D 120 MAINTAIN STUDY REFERENCE FILES
L 646 OPERATIONALLY CHECK ARTIFICIAL FEEL SYSTEMS
P 192 PREPARE INSPECTION CHECKLISTS
J 515 REMOVE OR INSTALL LANDING GEAR DRAG PIN BUSHINGS
L 617 ADJUST FLIGHT CONTROL LOCKING MECHANISMS
M 733 REMOVE OR INSTALL PNEUMATIC SYSTEM FILTERS
J 475 INSPECT LANDING GEAR BEAM BUCKS
L 604 REMOVE OR INSTALL SLATS
J 522 REMOVE OR INSTALL LANDING GEAR MANUAL EXTENSION MECHANISM COMPONENTS
M 732 REMOVE OR INSTALL PNEUMATIC SYSTEM DEHYDRATORS
O 767 ISOLATE FUEL TANK FEED SYSTEM MALFUNCTIONS
M 205 INTERPRET SYSTEM GRAPHS OR CHARTS
C 77 EVALUATE SELF-INSPECTION PROGRAMS
C 82 EVALUATE WORK SCHEDULES
E 137 ANNOTATE AIRCRAFT/MISSILE EQUIPMENT PROPERTY RECORD FORMS
(AF FORM 2091)
A 24 PREPARE JOB DESCRIPTIONS
J 510 REMOVE OR INSTALL LANDING GEAR DRAG PINS
M 277 ISOLATE RAT DOOR SYSTEM MALFUNCTIONS
I 432 POSITION CRASH RECOVERY EQUIPMENT WITHIN CRASH SITE OR DISABLED AIRCRAFT AREAS
L 610 ADJUST FLAP OR SLAT ASYMMETRY SYSTEMS
K 570 OPERATIONALLY CHECK RAT'S
E 144 ANNOTATE CUSTOMER REQUEST/RECEIPT FORMS TYP FORM 60187
A 6 DEVELOP INSPECTION SCHEDULES
M 220 ADJUST SEAT LOCKING MECHANISMS
M 702 INSPECT HYDRAULIC SYSTEM POWER PACKS
M 765 OPERATIONALLY CHECK PROXIMITY OR MICRO SWITCHES
L 682 INSPECT BATTERY CHARGERS
L 682 REMOVE OR INSTALL FLAP JACK SCREWS
M 739 SERVICE TAIL BUMPERS
M 711 INSPECT PNEUMATIC SYSTEM AIR COMPRESSORS
A 14 ESTABLISH PUBLICATION LIBRARIES
I 420 OPERATE HYDRAULIC JACKING MANIFOLDS
P 832 PERFORM MINOR MAINTENANCE ON ENGINE INTAKE SCREENS, SUCH AS REPLACING NETS OR STRAIGHTENING PARTS
M 332 REMOVE OR INSTALL EJECTION SEATS
D 116 EVALUATE INSTRUCTOR PERFORMANCE
I 409 MAINTAIN CRASH RECOVERY EQUIPMENT, SUCH AS LIFTING BAGS OR SLINGS
M 240 INSPECT GUN PURGE DOORS

82

83