

DUTY AREA
AIRCRAFT POWER PLANT MECHANIC, ROLLS ROYCE PEGASUS (MOS 6222)

A. GENERAL, OPERATIONAL AND SAFETY DUTIES

1. Operates and maintains applicable shop support/special equipment.
2. Demonstrates/applies applicable safety precautions and procedures around the work center.
3. Demonstrates/applies knowledge of applicable publications, diagrams, sketches and drawings.
4. Performs tasks using applicable precision measuring equipment.

B. SCHEDULED AND UNSCHEDULED MAINTENANCE DUTIES

1. Performs required scheduled/unscheduled inspections on applicable systems/components as per Maintenance Requirement Cards.
2. Incorporates applicable Technical Directives Changes/bulletins.
3. Detects corrosion and performs corrosion control.
4. Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the gas turbine starter/auxiliary power unit using appropriate maintenance procedures and support/test equipment.
5. Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the intermediate section using appropriate maintenance procedures and support/test equipment.
6. Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the accessory drive section using appropriate maintenance procedures and support/test equipment.
7. Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the turbine exhaust diffuser assembly using appropriate maintenance procedures and support/test equipment.
8. Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the exhaust delivery system using appropriate maintenance procedures and support/test equipment.
9. Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the oil system using appropriate maintenance procedures and support/test equipment.
10. Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the engine electrical harness using appropriate maintenance procedures and support/test equipment.
11. Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the nozzle control system using appropriate maintenance procedures and support/test equipment.
12. Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the water injection system using appropriate maintenance procedures and support/test equipment.

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13. Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the low pressure compressor section using appropriate maintenance procedures and support/test equipment.
14. Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the high pressure compressor using appropriate maintenance procedures and support/test equipment.
15. Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the center section using appropriate maintenance procedures and support/test equipment.
16. Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the combustion section using appropriate maintenance procedures and support/test equipment.
17. Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the high pressure turbine section using appropriate maintenance procedures and support/test equipment.
18. Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the low pressure turbine section using appropriate maintenance procedures and support/test equipment.
19. Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the fuel gallery and primers section using appropriate maintenance procedures and support/test equipment.
20. Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the digital engine control system using appropriate maintenance procedures and support/test equipment.
21. Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the high pressure compressor control system using appropriate maintenance procedures and support/test equipment.
22. Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the LP drive shaft assembly using appropriate maintenance procedures and support/test equipment.
23. Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the low pressure compressor section using appropriate maintenance procedures and support/test equipment.
24. Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the high pressure compressor section using appropriate maintenance procedures and support/test equipment.
25. Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the combustion section using appropriate maintenance procedures and support/test equipment.
26. Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the high pressure turbine section using appropriate maintenance procedures and support/test equipment.
27. Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the low pressure turbine section using appropriate maintenance procedures and support/test equipment.
28. Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the engine control system using appropriate maintenance procedures and support/test equipment.
29. Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the engine monitoring system using appropriate maintenance procedures and support/test equipment.

SKILL PROGRESSION LEVEL DEFINITIONS

LEVEL I: An asterisk in level I indicates the task is taught at the "Entry Level (A) School".

Level II: An asterisk in level II indicates the task is taught at the NAMTRAMARUNIT. Other tasks in level II not indicated with an asterisk will be signed off when exposed to the individual for the first time. All subsequent training which the Marine performs after initial exposure should be annotated on the OPNAV 4790/33 form until he/she is signed off in level III.

LEVEL III: An asterisk in level III indicates the task is considered training essential. A sign-off in level III indicates the Marine can perform that task w/o direct supervision. The unit is responsible for these sign-off's.

LEVEL IV: Used by the unit to indicate an individual is advanced in technical and supervisory functions. Prior to sign-off, all training essential and training optional tasks in level III must have been signed-off. Only one sign-off for the Duty Area is required.

Sign-off blanks: (MO/YR)/(INDIVIDUAL'S INITIALS)/(SUPERVISOR'S INITIALS)

Note: Refer to MCO P4790.20_ for further clarification.

ITSS (MATMEP) 400 DIVISION

INDIVIDUAL DUTY AREA QUALIFICATION SUMMARY
AIRCRAFT POWER PLANT MECHANIC, ROLLS ROYCE PEGASUS (MOS 6222)

NAME/SSN _____ Granted MOS 6221 _____ / _____ Level II Completed _____ / _____
Granted MOS 6222 _____ / _____ Level III Completed _____ / _____
Level IV Completed _____ / _____

DUTY #	DUTY DESCRIPTION	LEVEL I		LEVEL II		LEVEL III		LEVEL IV	
		DATE	/ SIGN						
A.	GENERAL, OPERATIONAL AND SAFETY DUTIES	XXXXXXXXXXXXXXXXXXXXXXXXXXXX							
A.1	SUPPORT/SPECIAL EQUIPMENT	XXXXXXXXXXXXXXXXXXXX	/						
A.2	SAFETY PRECAUTIONS AND PROCEDURES AROUND THE WORK CENTER	/		/		/		/	
A.3	PUBLICATIONS, DIAGRAMS, SKETCHES AND DRAWINGS	/		/		/		/	
A.4	PRECISION MEASURING EQUIPMENT	/		/		/		/	
B.	SCHEDULED AND UNSCHEDULED MAINTENANCE DUTIES	XXXXXXXXXXXXXXXXXXXXXXXXXXXX							
B.1	REQUIRED SCHEDULED/UNSCHEDULED INSPECTIONS	XXXXXXXXXXXXXXXXXXXX	/						
B.2	TECHNICAL DIRECTIVES CHANGES/BULLETINS	XXXXXXXX XXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/				
B.3	CORROSION CONTROL	/		/		/		/	
B.4	AUXILIARY POWER UNIT	/		/		/		/	
B.5	INTERMEDIATE SECTION	XXXXXXXXXXXXXXXXXXXX	/						
B.6	ACCESSORY DRIVE SECTION	XXXXXXXXXXXXXXXXXXXX	/						
B.7	TURBINE EXHAUST DIFFUSER ASSEMBLY	XXXXXXXXXXXX XXXXXX	/						
B.8	EXHAUST DELIVERY SYSTEM	/		/		/		/	
B.9	OIL SYSTEM	XXXXXXXXXXXXXXXXXXXX	/						
B.10	ENGINE ELECTRICAL HARNESS	XXXXXXXXXXXXXXXXXXXX	/						
B.11	NOZZLE CONTROL SYSTEM	XXXXXXXXXXXXXXXXXXXX	/						
B.12	WATER INJECTION SYSTEM	XXXXXXXXXXXXXXXXXXXX	/						
B.13	LOW PRESSURE COMPRESSOR SECTION	/		/		/		/	
B.14	HIGH PRESSURE COMPRESSOR	/		/		/		/	
B.15	CENTER SECTION	XXXXXXXXXXXXXXXXXXXX	/						
B.16	COMBUSTION SECTION	/		/		/		/	
B.17	HIGH PRESSURE TURBINE SECTION	/		/		/		/	
B.18	LOW PRESSURE TURBINE SECTION	/		/		/		/	
B.19	FUEL GALLERY AND PRIMERS SECTION	XXXXXXXXXXXXXXXXXXXX	/						
B.20	DIGITAL ENGINE CONTROL SYSTEM	XXXXXXXXXXXXXXXXXXXX	/						
B.21	HIGH PRESSURE COMPRESSOR CONTROL SYSTEM	XXXXXXXXXXXXXXXXXXXX	/						
B.22	LP DRIVE SHAFT ASSEMBLY	XXXXXXXXXXXXXXXXXXXX	/						
B.23	LOW PRESSURE COMPRESSOR SECTION	XXXXXXXXXXXXXXXXXXXX	/						
B.24	HIGH PRESSURE COMPRESSOR SECTION	XXXXXXXXXXXXXXXXXXXX	/						
B.25	COMBUSTION SECTION	XXXXXXXXXXXXXXXXXXXX	/						
B.26	HIGH PRESSURE TURBINE SECTION	XXXXXXXXXXXXXXXXXXXX	/						
B.27	LOW PRESSURE TURBINE SECTION	XXXXXXXXXXXXXXXXXXXX	/						
B.28	ENGINE CONTROL SYSTEM	XXXXXXXXXXXXXXXXXXXX	/						
B.29	ENGINE MONITORING SYSTEM	XXXXXXXXXXXXXXXXXXXX	/						

INDIVIDUAL QUALIFICATION RECORD
AIRCRAFT POWER PLANT MECHANIC, ROLLS ROYCE PEGASUS (MOS 6222)

A. GENERAL, OPERATIONAL AND SAFETY DUTIES

A.1 Operates and maintains applicable shop support/special equipment.

TASK #	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	O&M engine transfer trailer	A1-F402A-MMI-200 A1-F402B-MMI-200	* / /	* / /	* / /	
B	O&M Bradbury platform engine maintenance	A1-F402A-MMI-200 A1-F402B-MMI-200				

A.2 Demonstrates/applies applicable safety precautions and procedures around the work center.

A	Ground occupational safety and health program in specific areas					
A-1	First aid procedures	Marine BST/ Essential Subjects Book	*	/ /	* / /	
A-2	Hazardous material/waste	OPNAVINST 4790.2 OSHA 29 CFR 1910 NAVAIR A1-NAOSH-SAF-000/P5100-1 DOD 4140.27-M Local Instr	*	* / /	* / /	
A-3	Safety procedures near electricity	OSHA 29 CFR 1910 NAVAIR A1-NAOSH-SAF-000/P5100-1 Local Instr	*	* / /	* / /	

DA A.2 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A-4	Personal protective equipment, (Safety/flight boots, clothing, hearing/eye protection, etc.)	OSHA 29 CFR 1910 NAVAIR A1-NAOSH-SAF-000/P5100-1	*	* / /	* / /	
A-5	Safety markings	OSHA 29 CFR 1910 NAVAIR A1-NAOSH-SAF-000/P5100-1 Local Instr	*	/ /	* / /	
B	Hydraulic contamination	OPNAVINST 4790.2 NA01-1A-17 Local Instr	*	/ /	* / /	

A.3 Demonstrates/applies knowledge of applicable publication, diagrams, sketches and drawings.

A	Naval Aviation Maintenance Program, (NAMP)	OPNAVINST 4790.2	*	/ /	* / /	
B	Naval Air Systems Command Technical Manual Program	NA00-25-100	*	/ /	* / /	
C	Occupational Safety & Health Administration Manual	OSHA 29 CFR 1910		/ /	* / /	
D	Safety Requirements for Naval Aviation Shore Activities	NAVAIR A1-NAOSH-SAF-000/P5100-1		/ /	* / /	
E	Preservation of Aircraft Engines	NA15-02-500	*	/ /	/ /	
F	Weapons Systems Cleaning & Corrosion Control Manual	NA01-1A-509	*	/ /	* / /	
G	Support Equipment Corrosion Control Manual	NA17-1-125		/ /	* / /	
H	Aviation Hydraulics Manual	NA01-1A-17		/ /	* / /	
I	Master Cross Reference List	NAVSUP-P485		/ /	* / /	
J	Individual Component Repair List, (ICRL)	NAVAIRINST 4790.18		/ /	/ /	
K	Borescope Light Source & Light Equipment	AG-64STE-OMP-000	*	/ /	* / /	
L	Quick Engine Change Manual	A1-700VB-QEC-000		/ /	* / /	
M	Tech Documentation List	A1-AV8BB-AML-000		/ /	* / /	
N	Work Unit Code Manual, AV-8B	A1-AV8BB-WUC-800		/ /	* / /	

DA A.3 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV	
O	Illustrated Parts Breakdown	A1-F402A-IPB-400 A1-F402B-IPB-400		*	/ /	*	/ /
P	Maintenance Instruction Manual	A1-F402A-MMI-200 A1-F402B-MMI-200		*	/ /	*	/ /
Q	Maintenance Instruction Manual	A1-F402A-MMI-210 A1-F402B-MMI-210		*	/ /	*	/ /
R	Maintenance Instruction Manual	A1-F402A-MMI-220 A1-F402B-MMI-220		*	/ /	*	/ /
S	Maintenance Instruction Manual	A1-F402A-MMI-230 A1-F402B-MMI-230		*	/ /	*	/ /
T	Maintenance Instruction Manual	A1-580VB-MMI-200 A1-580VB-IPB-400	*	/ /	*	/ /	
U	Work Unit Code Manual For Turbofan, Turbojet, & Reciprocating Engine	NA 02-1-8	*	/ /	*	/ /	
V	Work Unit Code Manual for Aeronautical Support	NA 16-1-8.1		/ /	*	/ /	
W	Standardization Directory	SD-1		/ /	/	/	
X	Rolls Royce Standard Practices Manual	A1-F402-SPM-000		*	/ /	*	/ /

A.4 Performs tasks using applicable precision measuring equipment.

A	Operates micrometer, (outside)	A1-F402B-SPM-000	*	*	/ /	*	/ /
B	Operates vernier depth gauge	A1-F402B-SPM-000	*	*	/ /	*	/ /
C	Operates vernier calipers	A1-F402B-SPM-000	*	*	/ /	*	/ /
D	Operates micrometer, (inside)	A1-F402B-SPM-000	*	*	/ /	*	/ /
E	Operates feeler gauges	A1-F402B-SPM-000	*	*	/ /	*	/ /
F	Operates dial calipers	A1-F402B-SPM-000	*	*	/ /	*	/ /
G	Operates magnetic dial indicators	A1-F402B-SPM-000	*	*	/ /	*	/ /
H	Operates optical micrometer	A1-F402B-SPM-000		/ /	*	/ /	
I	Operates small hole gauge	A1-F402B-SPM-000		*	/ /	*	/ /

INDIVIDUAL QUALIFICATION RECORD
AIRCRAFT POWER PLANT MECHANIC, ROLLS ROYCE PEGASUS (MOS 6222)

B. SCHEDULED AND UNSCHEDULED MAINTENANCE DUTIES

B.1 Performs required scheduled/unscheduled inspections on applicable systems/components as per Maintenance Requirement Cards.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	F-402 500/1000 hour high time inspection	A1-F402A-MRC-300 A1-F402B-MRC-200		*	/ /	*	/ /
B	Borescope inspection	A1-F402A-MMI-200 A1-F402B-MMI-200		*	/ /	*	/ /
C	Low pressure FOD inspection	A1-F402A-MMI-200 A1-F402B-MMI-200		*	/ /	*	/ /
D	Oil contamination inspection	A1-F402A-MMI-200 A1-F402B-MMI-200			/ /	*	/ /
E	Cracked exhaust duct inspection	A1-F402A-MMI-200 A1-F402B-MMI-200		*	/ /	*	/ /
F	Oil leak from front intake section inspection	A1-F402A-MMI-200 A1-F402B-MMI-200		*	/ /	*	/ /
G	High pressure FOD inspection	A1-F402A-MMI-200 A1-F402B-MMI-200		*	/ /	*	/ /
H	Excessive IGV travel inspection	A1-F402A-MMI-200 A1-F402B-MMI-200		*	/ /	*	/ /

B.2 Incorporates applicable Technical Directives changes/bulletins.

A	Rapid Action Minor Engineering Change, (RAMEC), Proposals	NAVAIRINST 5215.10			/ /	*	/ /
B	Incorporates Technical Directives	OPNAVINST 4790.2			/ /	*	/ /

B.3 Detects corrosion and performs corrosion control.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Identifies corrosion during all maintenance actions performed on the engine	NA15-02-500 NA01-1A-509		*	* / /	* / /	
B	Performs corrective action on corrosion discrepancies found on the engine/ components	NA15-02-500 NA01-1A-509			* / /	* / /	
C	Performs corrosion prevention using proper preventive materials & method	NA15-02-500 NA01-1A-509		*	* / /	* / /	
D	Performs corrosion detection/prevention on support equipment	NA17-1-125			* / /	* / /	

B.4 Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the gas turbine starter/auxiliary power unit using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Auxiliary power unit	A1-580VB-MMI-200		*	* / /	* / /	
B	Fault isolation						
B-1	Gas turbine starter	A1-580VB-MMI-200	2414A00		* / /	* / /	
B-2	Exhaust/lagging assembly	A1-580VB-MMI-200	2414A90		* / /	* / /	
B-3	Oil pump assembly	A1-580VB-MMI-200	2414AJ0		* / /	* / /	
B-4	Filter/valve assembly	A1-580VB-MMI-200	2414AK0		* / /	* / /	
B-5	Oil relief valve	A1-580VB-MMI-200	2414AM0		* / /	* / /	
B-6	Fuel sprayers	A1-580VB-MMI-200	2414AN0		* / /	* / /	
B-7	Main air casing assembly	A1-580VB-MMI-200	2414AX0		* / /	* / /	
C	Intermediate maintenance						
C-1	Repairs gas turbine starter	A1-580VB-MMI-200	2414A00		* / /	* / /	
C-2	Repairs exhaust/lagging assembly	A1-580VB-MMI-200	2414A90		/ /	* / /	
C-3	R&R exhaust/lagging assembly	A1-580VB-MMI-200	2414A90		* / /	* / /	
C-4	Repairs pump assembly	A1-580VB-MMI-200	2414AJ0		/ /	* / /	
C-5	R&R pump assembly	A1-580VB-MMI-200	2414AJ0		* / /	* / /	
C-6	Repairs filter/valve assembly	A1-580VB-MMI-200	2414AK0		/ /	* / /	
C-7	R&R filter/valve assembly	A1-580VB-MMI-200	2414AK0		* / /	* / /	
C-8	Repairs oil relief valve	A1-580VB-MMI-200	2414AM0		/ /	* / /	
C-9	R&R oil relief valve	A1-580VB-MMI-200	2414AM0		* / /	* / /	
C-10	Repairs fuel sprayers	A1-580VB-MMI-200	2414AN0		/ /	* / /	
C-11	R&R fuel sprayers	A1-580VB-MMI-200	2414AN0		* / /	* / /	
C-12	Repairs main air casing assembly	A1-580VB-MMI-200	2414AX0		/ /	* / /	
C-13	R&R main air casing assembly	A1-580VB-MMI-200	2414AX0		* / /	* / /	

B.5 Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the intermediate section using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Theory of operation						
A-1	Intermediate section	A1-F402A-MMI-200 A1-F402A-MMI-210	2792100/ 27A2100		*	/	/
		A1-F402B-MMI-200 A1-F402B-MMI-210	2792100/ 27A2100		*	/	/
B	Fault isolation						
B-1	Intermediate case module	A1-F402A-MMI-200 A1-F402A-MMI-210	2792100/ 27A2100		*	/	/
		A1-F402B-MMI-200 A1-F402B-MMI-210	2792100/ 27A2100		*	/	/
C	Intermediate maintenance						
C-1	R&R intermediate case module	A1-F402A-MMI-200 A1-F402A-MMI-210	2792100/ 27A2100		*	/	/
		A1-F402B-MMI-200 A1-F402B-MMI-210	2792100/ 27A2100		*	/	/
C-2	Repairs intermediate case module	A1-F402A-MMI-200 A1-F402A-MMI-210	2792100/ 279A100		*	/	/
		A1-F402B-MMI-200 A1-F402B-MMI-210	2792100/ 27A2100		*	/	/
C-3	R&R dust cover	A1-F402A-MMI-200 A1-F402A-MMI-210	2792180/ 279A2120		*	/	/
		A1-F402B-MMI-200 A1-F402B-MMI-210	2792100/ 27A2100		*	/	/
C-4	R&R air valve assembly	A1-F402A-MMI-200 A1-F402A-MMI-210	27922/ 27A2200		*	/	/
		A1-F402B-MMI-200 A1-F402B-MMI-210	2792100/ 27A2100		*	/	/
C-5	R&R support cone	A1-F402A-MMI-200 A1-F402A-MMI-210	27923/ 27A2200		*	/	/
		A1-F402B-MMI-200 A1-F402B-MMI-210	2792100/ 27A2100		*	/	/
C-6	R&R internal low pressure gear assembly	A1-F402A-MMI-200 A1-F402A-MMI-210	27924/ 27A23		*	/	/
		A1-F402B-MMI-200 A1-F402B-MMI-210	2792100/ 27A2100		*	/	/

B.6 Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the accessory drive section using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Theory of operation						
A-1	Accessory drive section	A1-F402A-MMI-200 A1-F402A-MMI-210	27931/ 27A91		*	/	/
		A1-F402B-MMI-200 A1-F402B-MMI-210	27931/ 27A91		*	/	/
B	Intermediate maintenance						
B-1	R&R accessory gearbox module	A1-F402A-MMI-200 A1-F402A-MMI-230	27931/ 27A91		*	/	/
		A1-F402B-MMI-200 A1-F402B-MMI-210	27931/ 27A91		*	/	/

B.7 Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the turbine exhaust diffuser assembly using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Turbine exhaust diffuser assembly	A1-F402A-MMI-200 A1-F402A-MMI-210	27931/ 27A91		*	/	/
		A1-F402B-MMI-200 A1-F402B-MMI-210	27931/ 27A91		*	/	/
B	Intermediate maintenance						
B-1	R&R exhaust diffuser	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	27991/ 27A7100		*	/	/
		A1-F402B-MMI-200 A1-F402B-MMI-210 A1-F402B-MMI-230	27931/ 27A91		*	/	/
B-2	R&R thermal insulation blanket	A1-F402A-MMI-200	27992		*	/	/

B.8 Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the exhaust delivery system using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Theory of operation						
A-1	Exhaust delivery system	A1-F402A-MMI-200 A1-F402A-MMI-210	279A1/ 27AG300	*	* / /	* / /	
		A1-F402B-MMI-200 A1-F402B-MMI-210	279A1/ 27AG300		* / /	* / /	
B	Intermediate maintenance						
B-1	R&R LPC delivery duct	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	279A1/ 27AG300		* / /	* / /	
		A1-F402B-MMI-200 A1-F402B-MMI-210 A1-F402B-MMI-230	279A1/ 27AG300		* / /	* / /	
		A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	279A2/ 27AG400		* / /	* / /	
B-2	R&R LPC extension duct	A1-F402B-MMI-200 A1-F402B-MMI-210 A1-F402B-MMI-230	279A1/ 27AG300		* / /	* / /	
		A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	279A3/ 27A8100		* / /	* / /	
		A1-F402B-MMI-200 A1-F402B-MMI-210 A1-F402B-MMI-230	279A1/ 27AG300		* / /	* / /	
B-3	R&R exhaust duct assembly	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	279A4/ 27A8120		* / /	* / /	
		A1-F402B-MMI-200 A1-F402B-MMI-210 A1-F402B-MMI-230	279A5/ 27A8130		* / /	* / /	
		A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	279A600/ 27A8200		* / /	* / /	
B-4	R&R top blanket	A1-F402B-MMI-200 A1-F402B-MMI-210 A1-F402B-MMI-230	279A1/ 27AG300		* / /	* / /	
		A1-F402A-MMI-220 A1-F402B-MMI-200					
		A1-F402A-MMI-220 A1-F402B-MMI-200					
B-5	R&R bottom blanket	A1-F402A-MMI-220 A1-F402B-MMI-200					
		A1-F402A-MMI-220 A1-F402B-MMI-200					
		A1-F402A-MMI-220 A1-F402B-MMI-200					
B-6	R&R turbine exhaust rotating nozzle assembly, (LH)	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230					
		A1-F402B-MMI-200 A1-F402B-MMI-210 A1-F402B-MMI-230					
		A1-F402B-MMI-200 A1-F402B-MMI-210 A1-F402B-MMI-230					

DA B.8 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
B-7	R&R trimmer	A1-F402A-MMI-200					
		A1-F402A-MMI-210	279A610/	*	/	/	
		A1-F402A-MMI-230	27AG120				
	R&R turbine exhaust rotating nozzle assembly, (RH)	A1-F402B-MMI-200					
		A1-F402B-MMI-210	279A610/	*	/	/	
		A1-F402B-MMI-230	27AG120				
B-8	R&R trimmer	A1-F402A-MMI-200					
		A1-F402A-MMI-210	279A700/	*	/	/	
		A1-F402A-MMI-230	27A8500				
	R&R turbine exhaust rotating nozzle assembly, (RH)	A1-F402B-MMI-200					
		A1-F402B-MMI-210	279A610/	*	/	/	
B-9	R&R trimmer	A1-F402A-MMI-230	27AG120				
		A1-F402A-MMI-200					
		A1-F402A-MMI-210	279A710/	*	/	/	
	R&R trimmer	A1-F402A-MMI-230	27AG120				
		A1-F402B-MMI-200					
	R&R trimmer	A1-F402B-MMI-210	279A610/	*	/	/	
		A1-F402B-MMI-230	27AG120				

B.9 Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the oil system using appropriate maintenance procedures and support/test equipment.

A Theory of operation							
A-1	Oil system	A1-F402A-MMI-200					
		A1-F402A-MMI-210		*	/	/	
		A1-F402A-MMI-230					
	Pressure relief valve assembly	A1-F402B-MMI-200					
		A1-F402B-MMI-210		*	/	/	
		A1-F402B-MMI-230					
B Fault isolation							
B-1	Pressure relief valve assembly	A1-F402A-MMI-200			/	/	
		A1-F402A-MMI-210	279G4				
	Pressure relief valve assembly	A1-F402B-MMI-200		*	/	/	
		A1-F402B-MMI-210					
C Intermediate maintenance							

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DA B.9 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
C-1 R&R oil tank	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	279G1/ 27AB1		*	/	/	
	A1-F402B-MMI-200 A1-F402B-MMI-210 A1-F402B-MMI-230	279G1/ 27AB1		*	/	/	
	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	279G2/ 27AB2		*	/	/	
	A1-F402B-MMI-200 A1-F402B-MMI-210 A1-F402B-MMI-230	279G2/ 27AB2		*	/	/	
	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	279G3/ 27AB5		*	/	/	
	A1-F402B-MMI-200 A1-F402B-MMI-210 A1-F402B-MMI-230	279G3/ 27AB5		*	/	/	
C-4 R&R pressure relief valve assembly	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	279G4/ 27AB410		*	/	/	
	A1-F402B-MMI-200 A1-F402B-MMI-210 A1-F402B-MMI-230	279G4/ 27AB410		*	/	/	
	A1-F402A-MMI-220	279G4/ 27AB410			/	/	
	A1-F402B-MMI-220				/	/	
C-6 R&R oil low pressure indicator assembly	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	279G5/ 27A92		*	/	/	
	A1-F402B-MMI-200 A1-F402B-MMI-210 A1-F402B-MMI-230	279G5/ 27A92		*	/	/	
	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	279G600/ 27A2100		*	/	/	
	A1-F402B-MMI-200 A1-F402B-MMI-210 A1-F402B-MMI-230	279G600/ 27A2100		*	/	/	
C-7 R&R magnetic probe assembly	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	279G600/ 27A2100		*	/	/	
	A1-F402B-MMI-200 A1-F402B-MMI-210 A1-F402B-MMI-230	279G600/ 27A2100		*	/	/	

DA B.9 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
C-8 R&R body	A1-F402A-MMI-200						
	A1-F402A-MMI-210	279G610/		/	/	*	/ /
	A1-F402A-MMI-230	27A2100					
	A1-F402B-MMI-200						
	A1-F402B-MMI-210	279G610/		/	/	*	/ /
	A1-F402B-MMI-230	27A2100					
C-9 R&R probe	A1-F402A-MMI-200						
	A1-F402A-MMI-210	279G620/		/	/	*	/ /
	A1-F402A-MMI-230	27A2100					
	A1-F402B-MMI-200						
C-10 R&R fuel cooled oil cooler	A1-F402B-MMI-210	279G610/		/	/	*	/ /
	A1-F402B-MMI-230	27A2100					
	A1-F402A-MMI-200						
	A1-F402A-MMI-210	279G7/		*	/ /	*	/ /
C-11 R&R oil/air separator	A1-F402A-MMI-230	27AB3					
	A1-F402B-MMI-200						
	A1-F402B-MMI-210	279G610/		/	/	*	/ /
	A1-F402B-MMI-230	27A2100					

B.10 Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the engine electrical harness using appropriate maintenance procedures and support/test equipment.

A Theory of operation							
A-1 Engine electrical harness	A1-F402A-MMI-200						
	A1-F402A-MMI-210			*	/ /	*	/ /
	A1-F402A-MMI-230						
	A1-F402B-MMI-200						
	A1-F402B-MMI-210			*	/ /	*	/ /
	A1-F402B-MMI-230						
B Intermediate maintenance							
B-1 R&R electrical harness	A1-F402A-MMI-200						
	A1-F402A-MMI-210	279H0/		*	/ /	*	/ /
	A1-F402A-MMI-230	27AC1					
	A1-F402B-MMI-200						
	A1-F402B-MMI-210	279H0/		*	/ /	*	/ /
	A1-F402B-MMI-230	27AC1					

B.11 Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the nozzle control system using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Theory of operation						
A-1	Nozzle control system	A1-F402A-MMI-200		*	/	*	/
		A1-F402A-MMI-220		*	/	*	/
B	Intermediate maintenance	A1-F402B-MMI-200		*	/	*	/
		A1-F402B-MMI-220		*	/	*	/
B-1	R&R rear nozzle drive sprocket, (LS)	A1-F402A-MMI-200	279L5/				
		A1-F402A-MMI-220	27A82	*	/	*	/
		A1-F402B-MMI-200	279L5/				
		A1-F402B-MMI-220	27A82	*	/	*	/
B-2	Repairs rear nozzle drive sprocket, (LS)	A1-F402A-MMI-200	279L5/				
		A1-F402A-MMI-220	27A82	*	/	*	/
		A1-F402B-MMI-200	279L5/				
		A1-F402B-MMI-220	27A82	*	/	*	/
B-3	R&R rear nozzle drive sprocket, (RT)	A1-F402A-MMI-200	279L6/				
		A1-F402A-MMI-220	27A85	*	/	*	/
		A1-F402B-MMI-200	279L5/				
		A1-F402B-MMI-220	27A82	*	/	*	/
B-4	Repairs rear nozzle drive sprocket, (RT)	A1-F402A-MMI-200	279L6/				
		A1-F402A-MMI-220	27A85	*	/	*	/
		A1-F402B-MMI-200	279L5/				
		A1-F402B-MMI-220	27A82	*	/	*	/

B.12 Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the water injection system using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Theory of operation						
A-1	Water injection system	A1-F402A-MMI-200		*	/	*	/
		A1-F402A-MMI-220		*	/	*	/
B	Intermediate maintenance	A1-F402B-MMI-200		*	/	*	/
		A1-F402B-MMI-220		*	/	*	/
B-1	R&R water delivery tube/valve	A1-F402A-MMI-200	279M1/	*	/	*	/
		A1-F402A-MMI-220	27A42	*	/	*	/
		A1-F402B-MMI-200	279M1/	*	/	*	/
		A1-F402B-MMI-220	27A42	*	/	*	/
B-2	R&R left hand rear manifold	A1-F402A-MMI-200	279M2/	*	/	*	/
		A1-F402A-MMI-220	27A41EO	*	/	*	/
		A1-F402B-MMI-200	279M2/	*	/	*	/
		A1-F402B-MMI-220	27A41EO	*	/	*	/
B-3	R&R Right hand rear manifold	A1-F402A-MMI-200	279M3/	*	/	*	/
		A1-F402A-MMI-220	27A41FO	*	/	*	/
		A1-F402B-MMI-200	279M3/	*	/	*	/
		A1-F402B-MMI-220	27A41FO	*	/	*	/

B.13 Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the low pressure compressor section using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Low pressure compressor assembly	A1-F402A-MMI-200 A1-F402A-MMI-210		*	*	*	/
B	Fault isolation						
B-1	Low pressure compressor assembly	A1-F402A-MMI-200 A1-F402A-MMI-210	27910		/	*	/
B-2	Case unit	A1-F402A-MMI-200 A1-F402A-MMI-210	27914	*	/	/	/
C	Intermediate maintenance						
C-1	R&R stage 1 rotor module	A1-F402A-MMI-200 A1-F402A-MMI-210	2791100	*	/	*	/
C-2	Repairs stage 1 rotor module	A1-F402A-MMI-200 A1-F402A-MMI-210	2791100		/	/	/
C-3	R&R stage 1 blades	A1-F402A-MMI-200 A1-F402A-MMI-210	2791110	*	/	*	/
C-4	Repairs stage 1 blades	A1-F402A-MMI-200 A1-F402A-MMI-210	2791110	*	/	*	/

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DA B.13 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
C-5	R&R stage 1 spacer	A1-F402A-MMI-200 A1-F402A-MMI-210	279130	*	/ /	*	/ /
C-6	R&R stage 2 rotor module	A1-F402A-MMI-200 A1-F402A-MMI-210	2791200	*	/ /	*	/ /
C-7	Repairs stage 2 rotor module	A1-F402A-MMI-200 A1-F402A-MMI-210	2791200		/ /	/	/
C-8	R&R stage 2 blades	A1-F402A-MMI-200 A1-F402A-MMI-210	2791210	*	/ /	*	/ /
C-9	Repairs stage 2 blades	A1-F402A-MMI-200 A1-F402A-MMI-210	2791210	*	/ /	*	/ /
C-10	R&R stage 2 spacer	A1-F402A-MMI-200 A1-F402A-MMI-210	2791300	*	/ /	*	/ /
C-11	R&R stage 3 rotor module	A1-F402A-MMI-200 A1-F402A-MMI-210	2791312	*	/ /	*	/ /
C-12	Repairs stage 3 rotor module	A1-F402A-MMI-200 A1-F402A-MMI-210	2791300		/ /	/	/
C-13	R&R stage 3 blades	A1-F402A-MMI-200 A1-F402A-MMI-210	2791310	*	/ /	*	/ /
C-14	Repairs stage 3 blades	A1-F402A-MMI-200 A1-F402A-MMI-210	2791310	*	/ /	*	/ /
C-15	R&R case unit	A1-F402A-MMI-200 A1-F402A-MMI-210	27914/ 27A11B0	*	/ /	*	/ /
C-16	Repairs case unit	A1-F402A-MMI-200 A1-F402A-MMI-210	27914/ 27A11B0		/ /	*	/ /
C-17	R&R stage 1 labyrinth sleeve	A1-F402A-MMI-200 A1-F402A-MMI-210	27916	*	/ /	*	/ /
C-18	R&R stage 2 labyrinth sleeve	A1-F402A-MMI-200 A1-F402A-MMI-210	27918	*	/ /	*	/ /

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B.14 Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the high pressure compressor using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Theory of operation						
A-1	High pressure compressor	A1-F402A-MMI-200 A1-F402A-MMI-210		*	* / /	* / /	
B	Fault isolation						
B-1	High pressure compressor rotor	A1-F402A-MMI-200 A1-F402A-MMI-210	2794A00/ 27A31		/ /	* / /	
C	Intermediate maintenance						
C-1	R&R 5th stage LS pressure balance tube	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	27941	*	/ /	* / /	
C-2	R&R 5th stage RS pressure balance tube	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	27942	*	/ /	* / /	
C-3	R&R bleed air duct assembly	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	27943	*	/ /	* / /	
C-4	R&R HP compressor case unit, (front)	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	27944		/ /	* / /	
C-5	R&R HP compressor case, (rear)	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	27946		/ /	* / /	
C-6	R&R HP compressor rotor	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	2794A00/ 27A31		/ /	* / /	
C-7	Repairs HP compressor rotor	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	2794A00/ 27A31		/ /	* / /	

B.15 Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the center section using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Theory of operation						
A-1	HP Delivery case	A1-F402A-MMI-200 A1-F402A-MMI-210			/ /	* / /	
B	Fault isolation						
B-1	Delivery casing	A1-F402A-MMI-200 A1-F402A-MMI-210	2795300		/ /	* / /	
C	Intermediate maintenance						
C-1	R&R combustion chamber inner casing	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	2795100		* / /	* / /	
C-2	R&R HP compressor rear air seal housing	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	2795110		* / /	* / /	
C-3	R&R support ring	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	27952		* / /	* / /	
C-4	R&R delivery case	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	2795300/ 27A4130		* / /	* / /	
C-5	Repairs delivery case	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	2795300		/ /	* / /	
C-6	R&R trunnion, (LH)	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	2795310/ 27A4150		* / /	* / /	
C-7	R&R trunnion, (RH)	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	2795320/ 27A4140		* / /	* / /	
C-8	R&R bulkhead assembly	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	2795400/ 27A41C0		* / /	* / /	
C-9	R&R bulkhead seal	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	2795410/ 27A4100		* / /	* / /	

B.16 Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the combustion section using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Theory of operation						
A-1	Combustion section	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230		*	* / /	* / /	
B	Intermediate maintenance						
B-1	R&R turbine case assembly	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230					
B-2	R&R combustion chamber case assembly	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	27961		* / /	* / /	
B-3	R&R HP stage 1 support nozzle cone	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	27963		* / /	* / /	
B-4	R&R inner seal housing assembly	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	27964/ 27A41A0		* / /	* / /	
B-5	R&R outer seal housing assembly	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	27965/ 27A4190		* / /	* / /	
B-6	R&R blade containment shield assembly	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	27968		* / /	* / /	
B-7	R&R radiation shield assembly	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	2796A/ 27A43		* / /	* / /	

B.17 Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the high pressure turbine section using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Theory of operation						
A-1	High pressure turbine section	A1-F402A-MMI-200 A1-F402A-MMI-210		*	* / /	* / /	
B	Fault isolation						
B-1	HP turbine 2nd stage stator diaphragm assembly	A1-F402A-MMI-200 A1-F402A-MMI-210	2797100		* / /	* / /	
B-2	HP turbine 1st stage rotor module	A1-F402A-MMI-200 A1-F402A-MMI-210	279200		* / /	* / /	
B-3	HP turbine RA	A1-F402A-MMI-220	27A5100		* / /	* / /	
C	Intermediate maintenance						
C-1	R&R HP turbine 2nd stage stator diaphragm assembly	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	2797100/ 27A5150		* / /	* / /	
C-2	Repair HP turbine 2nd stage stator diaphragm assembly	A1-F402A-MMI-200 A1-F402A-MMI-210	2797100/27 A5150		/ /	/ /	
C-3	R&R diaphragm, (front plate)	A1-F402A-MMI-220	2797120		* / /	* / /	
C-4	R&R diaphragm, (rear plate)	A1-F402A-MMI-220	2797130		* / /	* / /	
C-5	R&R seal housing assembly, (front)	A1-F402A-MMI-220	2797140		* / /	* / /	
C-6	R&R seal housing assembly, (rear)	A1-F402A-MMI-220	2797150		* / /	* / /	
C-7	R&R HP turbine 1st stage rotor module	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	2797200		* / /	* / /	
C-8	R&R HP turbine 2nd stage rotor module	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	2797300		* / /	* / /	

B.18 Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the low pressure turbine section using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Theory of operation						
A-1	LP turbine section	A1-F402A-MMI-200 A1-F402A-MMI-210		*	* / /	* / /	
B	Fault isolation						
B-1	LP stage 1 turbine nozzle valve assembly	A1-F402A-MMI-200 A1-F402A-MMI-210	2798100		* / /	* / /	
B-2	Stage 1 LP diaphragm	A1-F402A-MMI-200 A1-F402A-MMI-210	2798110		* / /	* / /	
B-3	LP stage 2 turbine nozzle vane assembly	A1-F402A-MMI-200 A1-F402A-MMI-210	2798400		/ /	* / /	
B-4	Stage 1 LP rotor assembly	A1-F402A-MMI-200 A1-F402A-MMI-210	2798500		/ /	* / /	
B-5	Stage 1 LP turbine blades	A1-F402A-MMI-200 A1-F402A-MMI-210	2798520		/ /	* / /	
B-6	Stage 2 LP rotor assembly	A1-F402A-MMI-200 A1-F402A-MMI-210	2798600		/ /	* / /	
B-7	Stage 2 LP turbine blades	A1-F402A-MMI-200 A1-F402A-MMI-210	2798620		/ /	* / /	
C	Intermediate maintenance						
C-1	R&R LP stage 1 turbine nozzle vane assembly	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	2798100 279A6110		* / /	* / /	
C-2	Repairs LP stage 1 turbine nozzle vane assembly	A1-F402A-MMI-220	2798100		* / /	* / /	
C-3	R&R stage 1 LP diaphragm	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	2798110		* / /	* / /	
C-4	Repairs stage 1 LP diaphragm	A1-F402A-MMI-220	2798110		* / /	* / /	
C-5	R&R LP stage 2 turbine nozzle vane assembly	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	2798400		* / /	* / /	
C-6	Repairs LP stage 2 turbine nozzle vane assembly	A1-F402A-MMI-220	2798400		/ /	* / /	
C-7	R&R LP stage 2 housing A/O seal	A1-F402A-MMI-220	2798420		/ /	* / /	
C-8	R&R stage 1 LP rotor assembly	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	2798500		/ /	* / /	
C-9	R&R stage 2 LP rotor assembly	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	2798600		* / /	* / /	
C-10	R&R LP drive hub	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	27987		/ /	* / /	

B.19 Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the **fuel gallery and primers section** using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Theory of operation						
A-1	Fuel gallery and primers section	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230			*	/	/
B	Intermediate maintenance						
B-1	R&R fuel gallery	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	279C300	*	/	/	/
B-2	R&R gallery check valve assembly	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	279C310	*	/	/	/
B-3	R&R station 1 junction box	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	279C320	*	/	/	/
B-4	R&R station 5 dump valve assembly/ junction box	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	279C330	*	/	/	/
B-5	R&R station 2, 3, 4, 6, 7, 8, 9, junction box	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	279C340	*	/	/	/
B-6	R&R primary fuel system control check V hose assembly	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	279C5	*	/	/	/
B-7	R&R secondary fuel system control-check V hose assembly	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	279C6	*	/	/	/

B.20 Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the digital engine control system using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Theory of operation						
A-1	Digital engine control system	A1-F402A-MMI-200 A1-F402A-MMI-210			/ /	* / /	
B	Intermediate maintenance						
B-1	R&R fuel meeting unit	A1-F402A-MMI-200 A1-F402A-MMI-210	279F100/ 27AA300		/ /	* / /	
B-2	R&R PLA assembly	A1-F402A-MMI-200 A1-F402A-MMI-210	279F2/ 27AA2		/ /	* / /	
B-3	R&R digital engine control unit	A1-F402A-MMI-200 A1-F402A-MMI-210	279F302/ 27AA400		/ /	* / /	
B-4	R&R support bracket	A1-F402A-MMI-200 A1-F402A-MMI-210	279F4		/ /	* / /	
B-5	R&R anti-vibration mounting rail assembly, (left)	A1-F402A-MMI-200 A1-F402A-MMI-210	279F8/ 27AA9		/ /	* / /	
B-6	R&R anti-vibration mounting rail assembly, (Right)	A1-F402A-MMI-200 A1-F402A-MMI-210	279FA/ 27AA9		/ /	* / /	
B-7	R&R NF pulse probe assembly	A1-F402A-MMI-200 A1-F402A-MMI-210	279FB		/ /	* / /	
B-8	R&R NH pulse probe assembly	A1-F402A-MMI-200 A1-F402A-MMI-210	279FC		/ /	* / /	
B-9	R&R thermocouple harness	A1-F402A-MMI-200 A1-F402A-MMI-210	279FD/ 279AA1	*	/ /	* / /	
B-10	R&R LP filter	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	279F150/ 27AA3F0		/ /	* / /	
B-11	R&R MFC solenoid	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	279F120/ 27AA3F0		/ /	* / /	
B-12	R&R bleed air pressure switch	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230	279F160/ 27AA310	*	/ /	* / /	
B-13	Preservation of FMU, DECU, IGV control unit	A1-F402A-MMI-200 A1-F402A-MMI-210 A1-F402A-MMI-230		*	/ /	* / /	
		A1-F402B-MMI-200 A1-F402B-MMI-210 A1-F402B-MMI-230		*	/ /	* / /	

B.21 Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the high pressure compressor control system using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Theory of operation						
A-1	HP compressor control system	A1-F402A-MMI-200 A1-F402A-MMI-210		*	/ /	*	/ /
B	Fault isolation						
B-1	VIGV control unit	A1-F402A-MMI-200 A1-F402A-MMI-230 A1-F402B-MMI-200 A1-F402B-MMI-230	279K5/ 27AD1 279K5/ 27AD1	*	/ /	*	/ /
C	Intermediate maintenance						
C-1	R&R BOV unit, (TOP)	A1-F402A-MMI-200 A1-F402A-MMI-220 A1-F402B-MMI-200 A1-F402B-MMI-220	279K1/ 27AD2 279K1/ 27AD2	*	/ /	*	/ /
C-2	Repairs BOV unit, (TOP)	A1-F402A-MMI-200 A1-F402A-MMI-220 A1-F402B-MMI-200 A1-F402B-MMI-220	279K1/ 27AD2 279K1/ 27AD2		/ /	*	/ /
C-3	R&R BOV unit, (BOTTOM)	A1-F402A-MMI-200 A1-F402A-MMI-220 A1-F402B-MMI-200 A1-F402B-MMI-220	279K2/ 27AD3 279K2/ 27AD3	*	/ /	*	/ /
C-4	Repairs BOV unit, (Bottom)	A1-F402A-MMI-200 A1-F402A-MMI-220 A1-F402B-MMI-200 A1-F402B-MMI-220	279K2/ 27AD3 279K2/ 27AD3		/ /	*	/ /
C-5	R&R VIGV position transmitter	A1-F402A-MMI-200 A1-F402A-MMI-220 A1-F402B-MMI-200 A1-F402B-MMI-220	279K4/ 27AD4 279K4/ 27AD4	*	/ /	*	/ /
C-6	R&R VIGV control unit	A1-F402A-MMI-200 A1-F402A-MMI-220 A1-F402B-MMI-200 A1-F402B-MMI-220	279K5/ 27AD1 279K5/ 27AD1	*	/ /	*	/ /

B.22 Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the LP drive shaft assembly using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Theory of operation						
A-1	LP drive shaft assembly	A1-F402A-MMI-200			*	/	/
		A1-F402A-MMI-210			*	/	/
B	Intermediate maintenance	A1-F402A-MMI-230			*	/	/
		A1-F402B-MMI-200			*	/	/
B-1	R&R LP drive assembly	A1-F402B-MMI-210	279B1/		*	/	/
		A1-F402B-MMI-230	27AH100		*	/	/
C	Repair LP drive assembly	A1-F402B-MMI-200	279B1/		*	/	/
		A1-F402B-MMI-210	27AH100		*	/	/
D	Repair LP drive assembly	A1-F402B-MMI-230			*	/	/

B.23 Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the low pressure compressor section using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Low pressure compressor MRA	A1-F402B-MMI-200 SERIES			*	/	/
B	Fault isolation						
B-1	Low pressure compressor MRA	A1-F402B-MMI-200 SERIES			*	/	/
C	Intermediate maintenance						
C-1	R&R Low pressure compressor MRA	A1-F402B-MMI-200 SERIES	27A1100		*	/	/
C-2	Repair low pressure compressor MRA	A1-F402B-MMI-200 SERIES	27A1100		*	/	/
C-3	R&R #1 blade set	A1-F402B-MMI-200 SERIES	27A1110		*	/	/
C-4	Repair #1 blade set	A1-F402B-MMI-200 SERIES	27A1110		*	/	/
C-5	R&R LP 1 rear seal ring	A1-F402B-MMI-200 SERIES	271120		*	/	/
C-6	R&R #1 and #2 disk assembly	A1-F402B-MMI-200 SERIES	27A1130		*	/	/
C-7	R&R LP 2 front seal ring	A1-F402B-MMI-200 SERIES	27A1131		*	/	/

DA B.23 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
C-8	R&R #1 and # 2 disk	A1-F402B-MMI-200 SERIES	27A1132	*	/ /	*	/ /
C-9	R&R # 2 blade set	A1-F402B-MMI-200 SERIES	27A1140	*	/ /	*	/ /
C-10	Repair #2 blade set	A1-F402B-MMI-200 SERIES	27A1140	*	/ /	*	/ /
C-11	R&R LP 2 rear seal ring	A1-F402B-MMI-200 SERIES	27A1150	*	/ /	*	/ /
C-12	R&R #3 blade set	A1-F402B-MMI-200 SERIES	27A1180		/ /	*	/ /
C-13	Repair #3 blade set	A1-F402B-MMI-200 SERIES	27A1180		/ /	*	/ /
C-14	R&R #3 disk assembly	A1-F402B-MMI-200 SERIES	27A1190		/ /	*	/ /
C-15	R&R LPC 3 spacer	A1-F402B-MMI-200 SERIES	27A11A0		/ /	*	/ /
C-16	R&R LP compressor case	A1-F402B-MMI-200 SERIES	27A11B0	*	/ /	*	/ /
C-17	Repair LP compressor case	A1-F402B-MMI-200 SERIES	27A11B0	*	/ /	*	/ /

B.24 Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the high pressure compressor section using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	High pressure compressor	A1-F402B-MMI-200 SERIES		*	/ /	*	/ /
B	Fault isolation						
B-1	High pressure compressor rotor RA	A1-F402B-MMI-200 SERIES	27A31	*	/ /	*	/ /
B-2	High pressure compressor rotor case RA	A1-F402B-MMI-200 SERIES	27A3200	*	/ /	*	/ /
C	Intermediate maintenance						
C-1	R&R High pressure compressor rotor RA	A1-F402B-MMI-200 SERIES	27A31	*	/ /	*	/ /
C-2	Repair High pressure compressor rotor RA	A1-F402B-MMI-200 SERIES	27A31	*	/ /	*	/ /
C-3	R&R High pressure compressor case RA	A1-F402B-MMI-200 SERIES	27A3200	*	/ /	*	/ /
C-4	Repair High pressure compressor case RA	A1-F402B-MMI-200 SERIES	27A3200	*	/ /	*	/ /
C-5	R&R bleed air duct assembly	A1-F402B-MMI-200 SERIES	27A3230		/ /	*	/ /

B.25 Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the combustion section using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Theory of operation						
A-1	Combustion section	A1-F402B-MMI-200 SERIES		*	/ /	*	/ /
B	Fault isolation						
B-1	Combustion MRA	A1-F402B-MMI-200 SERIES	27A4100	*	/ /	*	/ /
C	Intermediate maintenance						
C-1	R&R combustion MRA	A1-F402B-MMI-200 SERIES	27A4100	*	/ /	*	/ /
C-2	Repair combustion MRA	A1-F402B-MMI-200 SERIES	27A4100		/ /	*	/ /
C-3	R&R Combustion inner case	A1-F402B-MMI-200 SERIES	27A4110	*	/ /	*	/ /
C-4	R&R Combustion outer case	A1-F402B-MMI-200 SERIES	27A4120	*	/ /	*	/ /
C-5	R&R HP delivery case	A1-F402B-MMI-200 SERIES	27A4130	*	/ /	*	/ /
C-6	R&R trunion mount (right hand)	A1-F402B-MMI-200 SERIES	27A4140	*	/ /	*	/ /
C-7	R&R trunion mount (left hand)	A1-F402B-MMI-200 SERIES	27A4150	*	/ /	*	/ /
C-8	R&R fuel manifold (top)	A1-F402B-MMI-200 SERIES	27A4160	*	/ /	*	/ /
C-9	R&R fuel manifold (bottom)	A1-F402B-MMI-200 SERIES	27A4170	*	/ /	*	/ /
C-10	R&R fuel dump valve	A1-F402B-MMI-200 SERIES	27A4180	*	/ /	*	/ /
C-11	R&R HPT 1 outer seal	A1-F402B-MMI-200 SERIES	27A4190	*	/ /	*	/ /
C-12	R&R HPT 1 inner seal	A1-F402B-MMI-200 SERIES	27A41A0	*	/ /	*	/ /
C-13	R&R bulkhead assembly	A1-F402B-MMI-200 SERIES	27A41C0	*	/ /	*	/ /
C-14	R&R combustion chamber	A1-F402B-MMI-200 SERIES	27A41B0	*	/ /	*	/ /
C-15	R&R water manifold (right hand)	A1-F402B-MMI-200 SERIES	27A41E0	*	/ /	*	/ /

DA B.25 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
C-16	R&R water manifold (left hand)	A1-F402B-MMI-200 SERIES	27A41F0	*	/ /	*	/ /
C-17	R&R fuel primer unit	A1-F402B-MMI-200 SERIES	27A41G0	*	/ /	*	/ /
C-18	R&R radiation shield	A1-F402B-MMI-200 SERIES	27A43	*	/ /	*	/ /
C-19	R&R heat shield (top)	A1-F402B-MMI-200 SERIES	27A44	*	/ /	*	/ /
C-20	R&R heat shield (bottom)	A1-F402B-MMI-200 SERIES	27A45	*	/ /	*	/ /
C-21	R7R HE Igniter	A1-F402B-MMI-200 SERIES		*	/ /	*	/ /

B.26 Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the high pressure turbine section using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	High pressure turbine section	A1-F402B-MMI-200 SERIES		*	/ /	*	/ /
B	Fault isolation						
B-1	High pressure turbine MRA	A1-F402B-MMI-200 SERIES	27A5100	*	/ /	*	/ /
C	Intermediate maintenance						
C-1	R&R High pressure turbine MRA	A1-F402B-MMI-200 SERIES	27A5100	*	/ /	*	/ /
C-2	Disassembly/assembly high pressure turbine MRA	A1-F402B-MMI-200 SERIES	27A5100	*	/ /	*	/ /
C-3	R&R HPT 2 vanes		27A5150	*	/ /	*	/ /
C-4	R&R HPT oil transfer tube RA		27A52	*	/ /	*	/ /

B.27 Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the low pressure turbine section using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Theory of operation						
A-1	Low pressure turbine	A1-F402B-MMI-200 SERIES		*	/	*	/
B	Fault isolation						
B-1	Low pressure turbine MRA	A1-F402B-MMI-200 SERIES	27A6100	*	/	*	/
C	Intermediate maintenance						
C-1	R&R low pressure turbine MRA	A1-F402B-MMI-200 SERIES	27A6100	*	/	*	/
C-2	Repair low pressure turbine MRA	A1-F402B-MMI-200 SERIES	27A6100		/	*	/
C-3	R&R LPT 1 vane RA	A1-F402B-MMI-200 SERIES	27A6110	*	/	*	/
C-4	R&R LP turbine diaphragm seal	A1-F402B-MMI-200 SERIES	27A610010	*	/	*	/
C-5	R&R LPT housing seal	A1-F402B-MMI-200 SERIES	27A6130	*	/	*	/
C-6	R&R low pressure turbine hub	A1-F402B-MMI-200 SERIES	27A6150	*	/	*	/
C-7	R&R LPT 1 rotor RA	A1-F402B-MMI-200 SERIES	27A6160	*	/	*	/
C-8	R&R LPT 2 rotor RA	A1-F402B-MMI-200 SERIES	27A6180	*	/	*	/

B.28 Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the engine control system using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Theory of operation						
A-1	Engine control system	A1-F402B-MMI-200 SERIES		*	/	*	/
B	Intermediate maintenance						
B-1	R&R thermocouple harness	A1-F402B-MMI-200 SERIES	27AA1	*	/	*	/
B-2	R&R pilot lever angle unit	A1-F402B-MMI-200 SERIES	27AA2	*	/	*	/
B-3	R&R fuel metering unit	A1-F402B-MMI-200 SERIES	27AA300	*	/	*	/
B-4	R&R digital electronic control unit	A1-F402B-MMI-200 SERIES	27AA400	*	/	*	/
B-5	R&R bleed air pressure switch	A1-F402B-MMI-200 SERIES	27AA160	*	/	*	/

B.29 Demonstrates/applies knowledge of theory of operation and performs applicable intermediate level maintenance on the engine monitoring system using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Engine monitoring system	A1-F402B-MMI-200 SERIES		*	/	*	/
B	Intermediate maintenance						
B-1	R&R vibrator transducer	A1-F402B-MMI-200 SERIES	27AF1	*	/	*	/
B-2	R&R pressure transducer	A1-F402B-MMI-200 SERIES	27AF2	*	/	*	/
B-3	R&R electrical harness cable assembly	A1-F402B-MMI-200 SERIES	27AF3	*	/	*	/

ITSS (MATMEP) 400 DIVISION

APPENDIX A

INDIVIDUAL EXPERIENCE DATA SHEET

INDIVIDUAL DATA

UNIT EXPERIENCE DATA

NAME: _____

UNIT

SHOP

BILLET

FROM/TO DATES

SSN: _____

FORMAL SCHOOLS

SCHOOLS NAME

DATE COMPLETED

COMMENTS:

DATE: March 2002

ITSS (MATMEP) 400 DIVISION

APPENDIX C

WORK CENTER SUMMARY
AIRCRAFT POWER PLANT MECHANIC, ROLLS ROYCE PEGASUS (MOS 6222)

WORK CENTER NAME / NUMBER _____

NAME/MOS	LEVEL	A.1	A.2	A.3	A.4	B.1	B.2	B.3	B.4	B.5	B.6	B.7	B.8	B.9	B.10	B.11
	II						XXXXX									
	III															
	IV															
	II							XXXXX								
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	III															
	IV															
	II								XXXXX							
	III															
	IV															

DATE: March 2002

ITSS (MATMEP) 400 DIVISION

APPENDIX C

WORK CENTER SUMMARY
AIRCRAFT POWER PLANT MECHANIC, ROLLS ROYCE PEGASUS (MOS 6222)

WORK CENTER NAME / NUMBER _____

DATE: March 2002

ITSS (MATMEP) 400 DIVISION

APPENDIX C

WORK CENTER SUMMARY
AIRCRAFT POWER PLANT MECHANIC, ROLLS ROYCE PEGASUS (MOS 6222)

WORK CENTER NAME / NUMBER _____

NAME/MOS	LEVEL	B .27	B .28	B .29
	II			
	III			
	IV			
	II			
	III			
	IV			
	II			
	III			
	IV			
	II			
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	III			
	IV			

DATE: March 2002

ITSS (MATMEP)

APPENDIX D

SUPPORT EQUIPMENT LICENSING RECORD

NAME/SSN: _____

RANK: _____

MOS: _____

DATE: March 2002