

DUTY AREA
AIRCRAFT INTERTIAL NAVIGATION SYSTEMS TECHNICIAN (MOS 6462/6469)

A. GENERAL, OPERATING AND SAFETY DUTIES

1. Demonstrates/applies knowledge of applicable publications, diagrams, sketches and drawings.
2. 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. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the electronic control unit, using appropriate maintenance procedures and support/test equipment.
3. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the ACS temperatures/flow control, using appropriate maintenance procedures and support/test equipment.
4. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the strobe light power supply, using appropriate maintenance procedures and support/test equipment.
5. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the fire detection unit, using appropriate maintenance procedures and support/test equipment.
6. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the engine performance monitor (AEU-12/A), using appropriate maintenance procedures and support/test equipment.
7. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the air data computer (CP-1334/A), using appropriate maintenance procedures and support/test equipment.
8. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the roll pitch yaw computer (CP-1330/ASW-44), using appropriate maintenance procedures and support/test equipment.
9. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the rate gyroscope (CN-1511/ASW-44), using appropriate maintenance procedures and support/test equipment.
10. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the linear electric accelerometer (CN-1512/ASW-44), using appropriate maintenance procedures and support/test equipment.
11. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the air data sensor (DT-600/ASW-44), using appropriate maintenance procedures and support/test equipment.
12. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the maintenance signal data converter (CV-3493/ASM-612), using appropriate maintenance procedures and support/test equipment.
13. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the maintenance signal recorder (RO-508/ASM-612), using appropriate maintenance procedures and support/test equipment.
14. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the nose wheel-well DDI (ID-2150/ASM-612), using appropriate maintenance procedures and support/test equipment.
15. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the inter-communication/amplifier (AM-6979/A), using appropriate maintenance procedures and support/test equipment.
16. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the control converter (C-10382/A), using appropriate maintenance procedures and support/test equipment.

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17. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **electronic equipment control (C-10380/ASQ)**, using appropriate maintenance procedures and support/test equipment.
18. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **horizontal indicator (IP-1350/A)**, using appropriate maintenance procedures and support/test equipment.
19. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **multi-display indicator (IP-1317/A)**, using appropriate maintenance procedures and support/test equipment.
20. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **multi-display rear indicator (IP-1318/A)**, using appropriate maintenance procedures and support/test equipment.
21. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **heads-up display (AN/AVQ-28)**, using appropriate maintenance procedures and support/test equipment.
22. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **interconnecting box (J-3656/ASQ-173)**, using appropriate maintenance procedures and support/test equipment.
23. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **camera drive mount (TG-244/ASQ-173)**, using appropriate maintenance procedures and support/test equipment.
24. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **FLIR power supply (PP-7567/AAS-38)**, using appropriate maintenance procedures and support/test equipment.
25. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **roll drive amplifier**, using appropriate maintenance procedures and support/test equipment.
26. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **FEC temperature controller (C-10681/AAS38)**, using appropriate maintenance procedures and support/test equipment.
27. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **armament computer (CP-1342/AYQ-9(V))**, using appropriate maintenance procedures and support/test equipment.
28. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **gun encoder/decoder (KY-855/AYQ-9(V))**, using appropriate maintenance procedures and support/test equipment.
29. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **wing tip encoder/decoder (KY-851/AYQ-9(V))**, using appropriate maintenance procedures and support/test equipment.
30. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **fuselage encoder/decoder (KY-854/AYQ-9(V))**, using appropriate maintenance procedures and support/test equipment.
31. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **pylon encoder/decoder (KY-853/AYQ-9(V))**, using appropriate maintenance procedures and support/test equipment.
32. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **armament computer (CP-2218/AYK-22(V))**, using appropriate maintenance procedures and support/test equipment.
33. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **signal data converter control (CV-4257/AYK-22(V))**, using appropriate maintenance procedures and support/test equipment.
34. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **interference blanker (MX-9965/A)**, using appropriate maintenance procedures and support/test equipment.
35. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **intercommunication amplifier and the amplifier/intercommunication test program sets**, using appropriate maintenance procedures and support/test equipment.
36. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **rate gyroscope test program set**, using appropriate maintenance procedures and support/test equipment.

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37. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the roll pitch yaw computer test program set, using appropriate maintenance procedures and support/test equipment.
38. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the maintenance signal data recorder test program set, using appropriate maintenance procedures and support/test equipment.
39. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the electronic equipment control test program set, using appropriate maintenance procedures and support/test equipment.
40. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the horizontal indicator test program set, using appropriate maintenance procedures and support/test equipment.
41. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the armament computer test program set, using appropriate maintenance procedures and support/test equipment.
42. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the encoder/decoder test program set, using appropriate maintenance procedures and support/test equipment.
43. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the heads-up display test program set, using appropriate maintenance procedures and support/test equipment.
44. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the avionics test set (AN/USM-470(V)), using appropriate maintenance procedures and support/test equipment.
45. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the night digital display repeater indicator (IP-1318 A/A), using appropriate maintenance procedures and support/test equipment.
46. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the night digital display indicator (IP-1556/A), using appropriate maintenance procedures and support/test equipment.
47. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the digital map computer (CP-1802/ASQ-196), using appropriate maintenance procedures and support/test equipment.
48. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the digital map unit (MU-928/ASQ-196), using appropriate maintenance procedures and support/test equipment.
49. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the memory unit (MU-8603/ASQ-194), using appropriate maintenance procedures and support/test equipment.
50. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the night heads-up display (AN/AVQ-32), using appropriate maintenance procedures and support/test equipment.
51. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the night heads-up display (AN/AVQ-36), using appropriate maintenance procedures and support/test equipment.
52. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the multipurpose color display (IP-1531/A), using appropriate maintenance procedures and support/test equipment.
53. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the integrated fuel engine indicator (ID-2389/A), using appropriate maintenance procedures and support/test equipment.
54. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the amplifier communication intercom (AM-7360/A) using appropriate maintenance procedures and support/test equipment.
55. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the signal data computer (CP-1726/ASQ-194), using appropriate maintenance procedures and support/test equipment.

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56. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the night attack intermediate avionics test set, 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 NAMTRAGRU. Other task in Level II not indicated with an asterisk will be signed off when exposed to the individual for the first time. All subsequent training in 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 supervision. The unit is responsible for these sign-offs.

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 task in level III must be 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.

IQR, MOS 6462/6469, NAME: _____

DATE: August 2002

INDIVIDUAL DUTY AREA QUALIFICATION SUMMARY
AIRCRAFT INERTIAL NAVIGATION SYSTEMS TECHNICIAN (MOS 6462/6469)

NAME/SSN _____ GRANTED MOS 6461/6469 _____ / _____ LEVEL II Completed _____ / _____
GRANTED MOS 6462/6469 _____ / _____ LEVEL III Completed _____ / _____
LEVEL IV Completed _____ / _____

DUTY #	DUTY DESCRIPTION	LEVEL I DATE/SIGN	LEVEL II DATE / SIGN	LEVEL III DATE / SIGN	LEVEL IV DATE / SIGN
A.	GENERAL OPERATIONAL, AND SAFETY DUTIES	XX			
A.1	PUBLICATIONS, DIAGRAMS, SKETCHES AND DRAWINGS	XXXXXXXXXXXXXXXXXXXX	/	/	/
A.2	PRECISION MEASURING EQUIPMENT		XXXXXXXXXXXXXXXXXXXX	/	/
B.	SCHEDULED AND UNSCHEDULED MAINTENANCE DUTIES	XXXXXXXXXXXXXXXXXXXX		XXXXXXXXXXXXXXXXXXXX	
B.1	REQUIRED SCHEDULED/UNSCHEDULED INSPECTIONS	XXXXXXXXXXXXXXXXXXXX	/	/	/
B.2	ELECTRONIC CONTROL UNIT	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B.3	ACS TEMPERATURE/FLOW CONTROL	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B.4	STROBE LIGHT POWER SUPPLY	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B.5	FIRE DETECTION UNIT	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B.6	ENGINE PERFORMANCE MONITOR (ASQ-12/A)	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B.7	AIR DATA COMPUTER (CP-1334/A)	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B.8	ROLL PITCH YAW COMPUTER (CP-1330/ASW-44)	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B.9	RATE GYROSCOPE (CN-1511/ASW-44)	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B.10	LINEAR ELECTRIC ACCELEROMETER (CN-1512/ASW-44)	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B.11	AIR DATA SENSOR (DT-600/ASW-44)	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B.12	MAINTENANCE SIGNAL DATA CONVERTER (CV-3493/ASM-612)	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B.13	MAINTENANCE SIGNAL DATA RECORDER (RO-508/ASM612)	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B.14	NOSE WHEEL-WELL DDI (ID-2150/ASM-612)	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B.15	INTER-COMMUNICATION/AMPLIFIER (AM-6979/A)	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B.16	CONTROL CONVERTER (C-10382/A)	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B.17	ELECTRONIC EQUIPMENT CONTROL (C-10380/ASQ)	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B.18	HORIZONTAL INDICATOR (IP-1350/A)	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B.19	MULTI-PURPOSE INDICATOR (IP-1317/A)	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B.20	MULTI-DISPLAY REAR INDICATOR (IP-1318/A)	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B.21	HEADS-UP DISPLAY (AN/AVQ-28)	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B.22	INTERCONNECTING BOX (J-3656/ASQ-173)	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B.23	CAMERA DRIVE MOUNT (TG-244/ASQ-173)	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B.24	FLIR POWER SUPPLY (PP-7567/AAS-38)	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B.25	ROLL DRIVE AMPLIFIER	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B.26	FEC TEMPERATURE CONTROLLER (C-10681/AAS-38)	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B.27	ARMAMENT COMPUTER (CP-1342/AYQ-9(V))	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B.28	GUN ENCODER/DECODER (KY-855/AYQ-9(V))	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B.29	WING TIP ENCODER/DECODER (KY-851/AYQ-9(V))	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/

IOR, MOS 6462/6469, NAME:

DATE: August 2002

ITSS (MATMEP) 600 DIVISION (W/C 650)

IQS MOS 6462/6469 (Continued)

DUTY #	DUTY DESCRIPTION	LEVEL I DATE/SIGN	LEVEL II DATE / SIGN	LEVEL III DATE / SIGN	LEVEL IV DATE / SIGN
B. 30	FUSELAGE ENCODER/DECODER (KY-854/AYQ-9(V))	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B. 31	PYLON ENCODER/DECODER (KY-853/AYQ-9(V))	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B. 32	ARMAMENT COMPUTER (CP-2218/AYK-22(V))	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B. 33	SIGNAL DATA CONVERTER CONTROL (CV-4257/AYK-22(V))	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B. 34	INTERFERENCE BLANKER (MX-9965/A)	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B. 35	INTERCOMMUNICATION AMPLIFIER AND THE AMPLIFIER/INTERCOMMUNICATION TEST PROGRAM SET	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B. 36	RATE GYROSCOPE TEST PROGRAM SET	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B. 37	ROLL PITCH YAW COMPUTER TEST PROGRAM	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B. 38	MAINTENANCE SIGNAL DATA RECORDER TEST PROGRAM SET	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B. 39	ELECTRONIC EQUIPMENT CONTROL TEST PROGRAM SET	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B. 40	HORIZONTAL INDICATOR TEST PROGRAM SET	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B. 41	ARMAMENT COMPUTER TEST PROGRAM SET	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B. 42	ENCODER/DECODER TEST PROGRAM SET	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B. 43	HEADS-UP DISPLAY TEST PROGRAM SET	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B. 44	AVIONICS TEST SET (AN/USM-407(V)1)	XXXXXXXXXXXXXXXXXXXX	/	/	/
B. 45	NIGHT DIGITAL DISPLAY REPEATER INDICATOR	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B. 46	NIGHT DIGITAL DISPLAY INDICATOR	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B. 47	DIGITAL MAP COMPUTER	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B. 48	DIGITAL MAP UNIT	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B. 49	MEMORY UNIT	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B. 50	NIGHT HEADS-UP DISPLAY (AN/AVQ-32)	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B. 51	NIGHT HEADS-UP DISPLAY (AN/AVQ-36)	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B. 52	MULTI PURPOSE COLOR DISPLAY (IP-1535/A)	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B. 53	INTEGRATED FUEL ENGINE INDICATOR (ID-2389/A)	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B. 54	AMPLIFIER COMMUNICATION INTERCOM	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B. 55	SIGNAL DATA COMPUTER (CP-1726/ASQ-194)	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/
B. 56	NIGHT ATTACK INTERMEDIATE AVIONICS TEST SET	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/	/

IQR, MOS 6462/6469, NAME: _____

DATE: August 2002

INDIVIDUAL QUALIFICATION RECORD
AIRCRAFT INTERTIAL NAVIGATION SYSTEMS TECHNICIAN (MOS 6464/6469)

A. GENERAL, OPERATING AND SAFETY DUTIES

A.1 Demonstrates/applies knowledge of applicable publications, diagrams, sketches and drawings.

TASK #	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Naval Aviation Maintenance Program (NAMP)	OPNAVINST 4790.2 series		/ /	* / /	
B	Naval Air Systems Command Technical Manual Program	NA 00-25-100		/ /	/ /	
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	Description Avionics Cleaning & Corrosion Control Manual	NA 16-1-540	*	/ /	* / /	
F	Support Equipment Corrosion Control Manual	NA 17-1-125		/ /	/ /	
G	Work Unit Code Manual (WUC)	A1-F18AC-WUC-800		/ /	/ /	
H	Individual Components Repair List (ICRL)	NAVAIRINST 4790.18		/ /	/ /	
I	Master Components Repair List, (MCRL)	NAVSUP-P485		/ /	/ /	

A.2 Performs tasks using applicable precision measuring equipment.

A	Operates multimeters	NA 01-1A-505	*	/ /	* / /	
B	Operates storage scope/oscilloscope	Manufacturer's pub		/ /	* / /	
C	Operates logic analyzer	Manufacturer's pub		/ /	* / /	
D	Operates bus analyzer	Manufacturer's pub		/ /	/ /	
E	Operates LCR meter	Manufacturer's pub		/ /	/ /	
F	Operates CRT analyzer	Manufacturer's pub		/ /	* / /	

INDIVIDUAL QUALIFICATION RECORD
AIRCRAFT INTERTIAL NAVIGATION SYSTEMS TECHNICIAN (MOS 6464/6469)

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	Periodic Maintenance Requirement Cards	AG-08AC-MRC-200		*	/ /	*	/ /

B.2 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the electronic control unit, using appropriate maintenance procedures and support/test equipment

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	Electronic control unit	A1-580AC-240-010	24A83		/ /	*	/ /
B	Test and check						
B-1	Electronic control unit	A1-580AC-240-010	24A83		/ /	*	/ /
C	Troubleshooting						
C-1	Electronic control unit	A1-580AC-240-010	24A83		/ /	*	/ /
D	Intermediate Maintenance						
D-1	A/D electronic control unit	A1-580AC-240-010	24A83		/ /	*	/ /
D-1A	Repairs electronic control unit	A1-580AC-240-010	24A83		/ /	*	/ /

B.3 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the ACS temperatures/flow control, using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	ACS temperature/flow control	A1-571AC-410-010	41157		/ /	*	/ /
B	Test and check						
B-1	ACS temperature/flow control	A1-571AC-410-010	41157		/ /	*	/ /
C	Troubleshooting						
C-1	ACS temperature/flow control	A1-571AC-410-010	41157		/ /	*	/ /
D	Intermediate maintenance						
D-1	A/D ACS temperature/flow control	A1-571AC-410-010	41157		/ /	*	/ /
D-1A	Repairs ACS temperature/flow control	A1-571AC-410-010	41157		/ /	*	/ /

B-4 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the strobe light power supply, using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	Strobe light power supply	A1-217AC-440-200	4431420		/ /	*	/ /
B	Test and check						
B-1	Strobe light power supply	A1-217AC-440-200	4431420		/ /	*	/ /

DA B.4 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
C	Troubleshooting						
C-1	Strobe light power supply	A1-217AC-440-200	4431420		/ /	* / /	
D	Intermediate maintenance						
D-1	A/D strobe light power supply	A1-217AC-440-200	4431420		/ /	* / /	
D-1A	Repairs strobe light power supply	A1-217AC-440-200	4431420		/ /	* / /	

B.5 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the fire detection unit, using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	Fire detection unit	A1-490AC-490-100	49111		/ /	* / /	
B	Test and check						
B-1	Fire detection unit	A1-490AC-490-100	49111		/ /	* / /	
C	Troubleshooting						
C-1	Fire detection unit	A1-490AC-490-100	49111		/ /	* / /	
D	Intermediate maintenance						
D-1	A/D fire detection unit	A1-490AC-490-100	49111		/ /	* / /	

B.6 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the engine performance monitor (AEU-12/A), using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	Engine performance monitor (AEU-12/A)	AN-500AC-510-000	5111C		/ /	* / /	
B	Test and check						
B-1	Engine performance monitor (AEU-12/A)	AN-500AC-510-000	5111C		/ /	* / /	
C	Troubleshooting						
C-1	Engine performance monitor (AEU-12/A)	AN-500AC-510-000	5111C		/ /	* / /	
D	Troubleshooting						
D-1	A/D engine performance monitor (AEU-12/A)	AN-500AC-510-000	5111C		/ /	* / /	
D-1A	Repairs engine performance monitor (AEU-12/A)	AN-500AC-510-000	5111C		/ /	* / /	

B.7 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the air data computer (CP-1334/A), using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	Air data computer (CP-1334/A)	A1-250AC-560-000	56X28		/ /	* / /	
B	Test and check						
B-1	Air data computer (CP-1334/A)	A1-250AC-560-000	56X28		/ /	* / /	

DA B.7 (Continued)

C	Troubleshooting							
C-1	Air data computer (CP-1334/A)	A1-250AC-560-000	56X28		/ /	*	/ /	
D	Intermediate maintenance							
D-1	A/D air data computer (CP-1334/A)	A1-250AC-560-000	56X28		/ /	*	/ /	
D-1A	Repairs air data computer (CP-1334/A)	A1-250AC-560-000	56X28		/ /	*	/ /	

B.8 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the roll pitch yaw computer (CP-1330/ASW-44), using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV	
A	Principles of operation							
A-1	Roll pitch yaw computer (CP-1330/ASW-44)	AN-330AC-570-000	57D91		/ /	*	/ /	
B	Test and check							
B-1	Roll pitch yaw computer (CP-1330/ASW-44)	AN-330AC-570-000	57D91		/ /	*	/ /	
C	Troubleshooting							
C-1	Roll pitch yaw computer (CP-1330/ASW-44)	AN-330AC-570-000	57D91		/ /	*	/ /	
D	Intermediate maintenance							
D-1	A/D roll pitch yaw computer (CP-1330/ASW-44)	AN-330AC-570-000	57D91		/ /	*	/ /	
D-1A	Repairs roll pitch yaw computer (CP-1330/ASW-44)	AN-330AC-570-000	57D91		/ /	*	/ /	

B.9 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the rate gyroscope (CN-1511/ASW-44), using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV	
A	Principles of operation							
A-1	Rate gyroscope (CP-1511/ASW-44)	AN-340AC-570-000	57D95		/ /	*	/ /	
B	Test and check							
B-1	Rate gyroscope (CP-1511/ASW-44)	AN-340AC-570-000	57D95		/ /	*	/ /	
C	Troubleshooting							
C-1	Rate gyroscope (CP-1511/ASW-44)	AN-340AC-570-000	57D95		/ /	*	/ /	
D	Intermediate maintenance							
D-1	A/D rate gyroscope (CP-1511/ASW-44)	AN-340AC-570-000	57D95		/ /	*	/ /	
D-1A	Repairs rate gyroscope (CP-1511/ASW-44)	AN-340AC-570-000	57D95		/ /	*	/ /	

B.10 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the linear electric accelerometer (CN-1512/ASW-44), using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV	
A	Principles of operation							
A-1	Linear electric accelerometer (CP-1512/ASW-44)	AN-310AC-570-000	57D96		/ /	*	/ /	

DA B.10 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
B	Test and check						
B-1	Linear electric accelerometer (CP-1512/ASW-44)	AN-310AC-570-000	57D96		/ /	* / /	
C	Troubleshooting						
C-1	Linear electric accelerometer (CP-1512/ASW-44)	AN-310AC-570-000	57D96		/ /	* / /	
D	Intermediate maintenance						
D-1	A/D linear electric accelerometer (CP-1512/ASW-44)	AN-310AC-570-000	57D96		/ /	* / /	
D-1A	Repair linear electric accelerometer (CP-1512/ASW-44))	AN-310AC-570-000	57D96		/ /	* / /	

B.11 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the air data sensor (DT-600/ASW-44), using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	Air data sensor (DT-600/ASW-44)	AN-300AC-570-000	57D97		/ /	* / /	
B	Test and check						
B-1	Air data sensor (DT-600/ASW-44)	AN-300AC-570-000	57D97		/ /	* / /	
C	Troubleshooting						
C-1	Air data sensor (DT-600/ASW-44)	AN-300AC-570-000	57D97		/ /	* / /	
D	Intermediate maintenance						
D-1	A/D air data sensor (DT-600/ASW-44)	AN-300AC-570-000	57D97		/ /	* / /	
D-1A	Repair air data sensor (DT-600/ASW-44)	AN-300AC-570-000	57D97		/ /	* / /	

B.12 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the maintenance signal data converter (CV-3493/ASM-612), using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	Maintenance signal data converter (CV-3493/ASM-612)	AT-991AC-580-000	58381		/ /	* / /	
B	Test and check						
B-1	Maintenance signal data converter (CV-3493/ASM-612)	AT-991AC-580-000	58381		/ /	* / /	
C	Troubleshooting						
C-1	Maintenance signal data converter (CV-3493/ASM-612)	AT-991AC-580-000	58381		/ /	* / /	
D	Intermediate maintenance						
D-1	A/D maintenance signal data converter (CV-3493/ASM-612))	AT-991AC-580-000	58381		/ /	* / /	
D-1A	Repairs maintenance signal data converter (CV-3493/ASM-612)	AT-991AC-580-000	58381		/ /	* / /	

B.13 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the maintenance signal recorder (RO-508/ASM-612), using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	Maintenance signal data recorder (RO-508/ASM-612)	AT-991AC-580-010	58382		/ /	* / /	
B	Test and check						
B-1	Maintenance signal data recorder (RO-508/ASM-612)	AT-991AC-580-010	58382		/ /	* / /	
C	Troubleshooting						
C-1	Maintenance signal data recorder (RO-508/ASM-612)	AT-991AC-580-010	58382		/ /	* / /	
D	Intermediate maintenance						
D-1	A/D maintenance signal data recorder (RO-508/ASM-612)	AT-991AC-580-010	58382		/ /	* / /	
D-1A	Repairs maintenance signal data recorder (RO-508/ASM-612)	AT-991AC-580-010	58382		/ /	* / /	

B.14 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the nose wheel-well DDI (ID-2150/ASM-612), using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	Nose wheel-well DDI (ID-2150/ASM-612)	AN-000AC-580-000	58384		/ /	* / /	
B	Test and check						
B-1	Nose wheel-well DDI (ID-2150/ASM-612)	AN-000AC-580-000	58384		/ /	* / /	
C	Troubleshooting						
C-1	Nose wheel-well DDI (ID-2150/ASM-612)	AN-000AC-580-000	58384		/ /	* / /	
D	Intermediate maintenance						
D-1	A/D nose wheel-well DDI (ID-2150/ASM-612)	AN-000AC-580-000	58384		/ /	* / /	
D-1A	Repairs nose wheel-well DDI (ID-2150/ASM-612)	AN-000AC-580-000	58384		/ /	* / /	

B.15 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the inter-communication/amplifier (AM-6979/A), using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	Inter-communication amplifier (AM-6979/A)	AE-105AC-640-000	64X11		/ /	* / /	
B	Test and check						
B-1	Inter-communication amplifier (AM-6979/A)	AE-105AC-640-000	64X11		/ /	* / /	

DA B.15 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
C	Troubleshooting						
C-1	Inter-communication amplifier (AM-6979/A)	AE-105AC-640-000	64X11		/ /	* / /	
D	Intermediate maintenance						
D-1	A/D inter-communication amplifier (AM-6979/A)	AE-105AC-640-000	64X11		/ /	* / /	
D-1A	Repairs inter-communication amplifier (AM-6979/A)	AE-105AC-640-000	64X11		/ /	* / /	

B.16 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the control converter (C-10382/A), using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	A/D control converter (C-10392/A)	AE-005LO-670-000	67X21		/ /	* / /	
B	Test and check						
B-1	A/D control converter (C-10392/A)	AE-005LO-670-000	67X21		/ /	* / /	
C	Troubleshooting						
C-1	A/D control converter (C-10392/A)	AE-005LO-670-000	64X11		/ /	* / /	
D	Intermediate maintenance						
D-1	A/D inter-communication amplifier (AM-6979/A)	AE-005LO-670-000	67X21		/ /	* / /	
D-1A	Repairs inter-communication amplifier (AM-6979/A)	AE-005LO-670-000	67X21		/ /	* / /	

B.17 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the electronic equipment control (C-10380/ASQ), using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	Electronic equipment control (C-10380/ASQ)	AN-310AC-670-000	67X22		/ /	* / /	
B	Test and check						
B-1	Electronic equipment control (C-10380/ASQ)	AN-310AC-670-000	67X22		/ /	* / /	
C	Troubleshooting						
C-1	Electronic equipment control (C-10380/ASQ)	AN-310AC-670-000	67X22		/ /	* / /	
D	Intermediate maintenance						
D-1	A/D electronic equipment control (C-10380/ASQ))	AN-310AC-670-000	67X22		/ /	* / /	
D-1A	Repairs electronic equipment control (C-10380/ASQ)	AN-310AC-670-000	67X22		/ /	* / /	

B.18 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the horizontal indicator (IP-1350/A), using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	Horizontal indicator (IP-1350/A)	A1-220AC-730-010	73X3200		/ /	* / /	
A-2	Horizontal indicator video processor	A1-220AC-730-010	73X3220		/ /		
B	Test and check						
B-1	Horizontal indicator (IP-1350/A))	A1-220AC-730-010	73X3200		/ /	* / /	
B-2	Horizontal indicator video processor	A1-220AC-730-010	73X3220		/ /	* / /	
C	Troubleshooting						
C-1	Horizontal indicator (IP-1350/A)	A1-220AC-730-010	73X3200		/ /	* / /	
C-2	Horizontal indicator video processor (IP-1350/A)	A1-220AC-730-010	73X3220		/ /	* / /	
D	Intermediate maintenance						
D-1	Repairs horizontal indicator (IP-1350/A)	A1-220AC-730-010	73X3200		/ /	* / /	
D-1A	Aligns horizontal indicator (IP-1350/A)	A1-220AC-730-010	73X3220		/ /	* / /	
D-2	Repairs horizontal indicator video processor	A1-220AC-730-010	73X3220		/ /	* / /	
D-3	Repairs connector assembly	A1-220AC-730-010	73X32A0		/ /	* / /	
D-4	R&R optics	A1-220AC-730-010	73X3200		/ /	* / /	

B.19 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the multi-display indicator (IP-1317/A), using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	Multi-display indicator (IP-1317/A)	AW-640AC-740-080	74681		/ /	* / /	
A-2	Multi-display indicator CRT/front housing	AW-640AC-740-090	7468120		/ /	* / /	
A-3	Multi-display indicator deflection amplifier	AW-640AC-740-090	7468140		/ /	* / /	
A-4	Multi-display indicator video amplifier	AW-640AC-740-080	7468150		/ /	* / /	
B	Test and check						
B-1	Multi-display indicator (IP-1317/A)	AW-640AC-740-080	74681		/ /	* / /	
B-2	Multi-display indicator CRT/front housing	AW-640AC-740-090	7468120		/ /	* / /	
B-3	Multi-display indicator deflection amplifier	AW-640AC-740-080	7468140		/ /	* / /	
B-4	Multi-display indicator video amplifier	AW-640AC-740-080	7468150		/ /	* / /	
C	Troubleshooting						
C-1	Multi-display indicator (IP-1317/A)	AW-640AC-740-080	74681		/ /	* / /	
C-2	Multi-display indicator CRT/front housing	AW-640AC-740-090	7468120		/ /	* / /	
C-3	Multi-display indicator deflection amplifier	AW-640AC-740-090	7468140		/ /	* / /	

DA B.19 (Continues)

C-4	Multi-display indicator video amplifier	AW-640AC-740-080	7468150		/ /	* / /	
D	Intermediate maintenance						
D-1	Repairs multi-display indicator (IP-1317/A)	AW-640AC-740-080	74681		/ /	* / /	
D-1A	Aligns multi-display indicator (IP-1317/A)	AW-640AC-740-080	74681		/ /	* / /	
D-2	Repairs multi-display indicator CRT/front housing	AW-640AC-740-090	7468120		/ /	* / /	
D-3	Repairs multi-display indicator deflection amplifier	AW-640AC-740-090	7468140		/ /	* / /	
D-3A	Aligns multi-display indicator deflection amplifier	AW-640AC-740-090	7468140		/ /	* / /	
D-4	Repairs multi-display indicator deflection amplifier	AW-640AC-740-080	7468150		/ /	* / /	
D-4A	Aligns multi-display indicator video amplifier	AW-640AC-740-080	7468150		/ /	* / /	

B.20 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the multi-display rear indicator (IP-1318/A), using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	Multi-display rear indicator (IP-1318/A)	AW-640AC-740-070	74683		/ /	* / /	
A-2	Multi-display rear indicator deflection amplifier	AW-640AC-740-070	7468340		/ /	* / /	
A-3	Multi-display rear indicator video amplifier	AW-640AC-740-070	7468350		/ /	* / /	
B	Test and check						
B-1	Multi-display rear indicator (IP-1318/A)	AW-640AC-740-070	74681		/ /	* / /	
B-2	Multi-display rear indicator deflection amplifier	AW-640AC-740-070	7468340		/ /	* / /	
B-3	Multi-display rear indicator video amplifier	AW-640AC-740-070	7468350		/ /	* / /	
C	Troubleshooting						
C-1	Multi-display rear indicator (IP-1318/A)	AW-640AC-740-070	74683		/ /	* / /	
C-2	Multi-display rear indicator deflection amplifier	AW-640AC-740-070	7468340		/ /	* / /	
C-3	Multi-display rear indicator video amplifier	AW-640AC-740-070	7468350		/ /	* / /	
D	Intermediate maintenance						
D-1	Repairs multi-display rear indicator (IP-1318/A)	AW-640AC-740-070	74683		/ /	* / /	
D-2	Repairs multi-display rear indicator (IP-1318/A)	AW-640AC-740-070	7468340		/ /	* / /	
D-3	Repairs multi-display rear indicator video amplifier	AW-640AC-740-070	7468350		/ /	* / /	

B.21 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the heads-up display (AN/AVQ-28), using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	Heads-up display (AN/AVQ-28)	AN-310AC-670-000	74D61		/ /	* / /	
B	Test and check						
B-1	Heads-up display (AN/AVQ-28)	AW-646AC-740-000	74D61		/ /	* / /	
C	Troubleshooting						
C-1	Heads-up display (AN/AVQ-28)	AW-646AC-740-000	74D61		/ /	* / /	
D	Intermediate maintenance						
D-1	Repairs heads-up display (AN/AVQ-28)	AW-646AC-740-000	74D61		/ /	* / /	
D-1A	Aligns heads-up display (AN/AVQ-28)	AW-646AC-740-000	74D61		/ /	* / /	

B.22 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the interconnecting box (J-3656/ASQ-173), using appropriate maintenance procedures and support/test equipment

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	Interconnecting box (J-3656/ASQ-173)	AW-245AC-740-000	74D72		/ /	* / /	
B	Test and check						
B-1	Interconnecting box (J-3656/ASQ-173)	AW-245AC-740-000	74D72		/ /	* / /	
C	Troubleshooting						
C-1	Interconnecting box (J-3656/ASQ-173)	AW-245AC-740-000	74D72		/ /	* / /	
D	Intermediate maintenance						
D-1	A/D interconnecting box (J-3656/ASQ-173)	AW-245AC-740-000	74D72		/ /	* / /	
D-1A	Repairs interconnecting box (J-3656/ASQ-173))	AW-245AC-740-000	74D72		/ /	* / /	

B.23 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the camera drive mount (TG-244/ASQ-173), using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	Camera drive mount (TG-244/ASQ-173)	AW-241AC-740-000	74D73		/ /	* / /	
B	Test and check						
B-1	Camera drive mount (TG-244/ASQ-173)	AW-241AC-740-000	74D73		/ /	* / /	
C	Troubleshooting						
C-1	Camera drive mount (TG-244/ASQ-173)	AW-241AC-740-000	74D73		/ /	* / /	
D	Intermediate maintenance						
D-1	A/D camera drive mount (TG-244/ASQ-173)	AW-241AC-740-000	74D73		/ /	* / /	
D-1A	Repairs camera drive mount (TG-244/ASQ-173)	AW-241AC-740-000	74D73		/ /	* / /	

B.24 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **FLIR power supply (PP-7567/AAS-38)**, using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	FLIR power supply (PP-7567/AAS-38)	AW-215AC-740-000	74D94		/ /	* / /	
B	Test and check						
B-1	FLIR power supply (PP-7567/AAS-38)	AW-215AC-740-000	74D94		/ /	* / /	
C	Troubleshooting						
C-1	FLIR power supply (PP-7567/AAS-38)	AW-215AC-740-000	74D94		/ /	* / /	
D	Intermediate maintenance						
D-1	A/D FLIR power supply (PP-7567/AAS-38)	AW-215AC-740-000	74D94		/ /	* / /	
D-1A	Repairs FLIR power supply (PP-7567/AAS-38)	AW-215AC-740-000	74D94		/ /	* / /	

B.25 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **roll drive amplifier**, using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	Roll drive amplifier	AW-215AC-740-040	74D98		/ /	* / /	
B	Test and check						
B-1	Roll drive amplifier	AW-215AC-740-040	74D98		/ /	* / /	
C	Troubleshooting						
C-1	Roll drive amplifier	AW-215AC-740-040	74D98		/ /	* / /	
D	Intermediate maintenance						
D-1	A/D roll drive amplifier	AW-215AC-740-040	74D98		/ /	* / /	
D-1A	Repairs roll drive amplifier	AW-215AC-740-040	74D98		/ /	* / /	

B.26 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **FEC temperature controller (C-10681/AAS38)**, using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	FEC temperature controller (C-10681/AAS-38)	AW-215AC-740-050	74D9A		/ /	* / /	
B	Test and check						
B-1	FEC temperature controller (C-10681/AAS-38)	AW-215AC-740-050	74D9A		/ /	* / /	
C	Troubleshooting						
C-1	FEC temperature controller (C-10681/AAS-38)	AW-215AC-740-050	74D9A		/ /	* / /	
D	Intermediate maintenance						
D-1	A/D FEC temperature controller (C-10681/AAS-38)	AW-215AC-740-050	74D9A		/ /	* / /	
D-1A	Repairs FEC temperature controller (C-10681/AAS-38)	AW-215AC-740-050	74D9A		/ /	* / /	

B.27 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the armament computer (CP-1342/AYQ-9(V)), using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	Armament computer (CP-1342/AYQ-9(V))	AW-640AC-740-000	74N11		/ /	* / /	
B	Test and check						
B-1	Armament computer (CP-1342/AYQ-9(V))	AW-640AC-740-000	74N11		/ /	* / /	
C	Troubleshooting						
C-1	Armament computer (CP-1342/AYQ-9(V))	AW-640AC-740-000	74N11		/ /	* / /	
D	Intermediate maintenance						
D-1	A/D armament computer (CP-1342/AYQ-9(V))	AW-640AC-740-000	74N11		/ /	* / /	
D-1A	Repairs armament computer (CP-1342/AYQ-9(V))	AW-640AC-740-000	74N11		/ /	* / /	
D-2	A/D armament computer (CP-1342/AYQ-9(V))	AW-644AC-740-040	74N71		/ /	* / /	
D-2A	Repairs armament computer (CP-1342/AYQ-9(V))	AW-644AC-740-040	74N71		/ /	* / /	

B.28 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the gun encoder/decoder (KY-855/AYQ-9(V)), using appropriate maintenance procedures and support/test equipment

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	Gun encoder/decoder (KY-855/AYQ-9(V))	AW-640AC-740-010	74N13		/ /	* / /	
A-2	Gun encoder/decoder (KY-855/AYQ-9(V))	AW-644AC-740-030	74N73				
B	Test and check						
B-1	Gun encoder/decoder (KY-855/AYQ-9(V))	AW-640AC-740-010	74N13		/ /	* / /	
B-2	Gun encoder/decoder (KY-855/AYQ-9(V))	AW-644AC-740-030	74N73		/ /	* / /	
C	Troubleshooting						
C-1	Gun encoder/decoder (KY-855/AYQ-9(V))	AW-640AC-740-010	74N13		/ /	* / /	
D	Gun encoder/decoder (KY-855/AYQ-9(V))	AW-644AC-740-030	74N73		/ /	* / /	
D-1	A/D gun encoder/decoder (KY-855/AYQ-9(V))	AW-640AC-740-010	74N13		/ /	* / /	
D-1A	Repairs gun encoder/decoder (KY-855/AYQ-9(V))	AW-640AC-740-010	74N13		/ /	* / /	
D-2	A/D gun encoder/decoder (KY-855/AYQ-9(V))	AW-644AC-740-030	74N73		/ /	* / /	
D-2A	Repairs gun encoder/decoder (KY-855/AYQ-9(V))	AW-644AC-740-030	74N73		/ /	* / /	

B.29 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the wing tip encoder/decoder (KY-851/AYQ-9(V)), using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	Wing tip encoder/decoder (KY-851/AYQ-9(V))	AW-640AC-740-020	74N14		/ /	* / /	
A-2	Wing tip encoder/decoder (KY-851/AYQ-9(V))	AW-644AC-740-000	74N74		/ /	* / /	

DA B.29 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
B	Test and check						
B-1	Wing tip encoder/decoder (KY-851/AYQ-9(V))	AW-640AC-740-020	74N14		/ /	* / /	
B-2	Wing tip encoder/decoder (KY-851/AYQ-9(V))	AW-644AC-740-000	74N74		/ /	* / /	
C	Troubleshooting						
C-1	Wing tip encoder/decoder (KY-851/AYQ-9(V))	AW-640AC-740-020	74N14		/ /	* / /	
C-2	Wing tip encoder/decoder (KY-851/AYQ-9(V))	AW-644AC-740-000	74N74		/ /	* / /	
D	Intermediate maintenance						
D-1	A/D wing tip encoder/decoder (KY-851/AYQ-9(V))	AW-640AC-740-020	74N14		/ /	* / /	
D-1A	Repairs wing tip encoder/decoder (KY-851/AYQ-9(V))	AW-640AC-740-020	74N14		/ /	* / /	
D-2	A/D wing tip encoder/decoder (KY-851/AYQ-9(V))	AW-644AC-740-000	74N74		/ /	* / /	
D-2A	Repairs wing tip encoder/decoder (KY-851/AYQ-9(V))	AW-644AC-740-000	74N74		/ /	* / /	

B.30 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the armament computer (CP-2218/AYK-22(V)), using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	Fuselage encoder/decoder (KY-854/AYQ-9(V))	AW-640AC-740-030	74N15		/ /	* / /	
A-2	Fuselage encoder/decoder (KY-854/AYQ-9(V))	AW-644AC-740-020	74N75		/ /	* / /	
B	Test and check						
B-1	Fuselage encoder/decoder (KY-854/AYQ-9(V))	AW-640AC-740-030	74N15		/ /	* / /	
B-2	Fuselage encoder/decoder (KY-854/AYQ-9(V))	AW-644AC-740-020	74N75		/ /	* / /	
C	Troubleshooting						
C-1	Fuselage encoder/decoder (KY-854/AYQ-9(V))	AW-640AC-740-030	74N15		/ /	* / /	
C-2	Fuselage encoder/decoder (KY-854/AYQ-9(V))	AW-644AC-740-020	74N75		/ /	* / /	
D	Intermediate maintenance						
D-1	A/D fuselage encoder/decoder (KY-854/AYQ-9(V))	AW-640AC-740-030	74N15		/ /	* / /	
D-1A	Repairs fuselage encoder/decoder (KY-854/AYQ-9(V))	AW-640AC-740-030	74N15		/ /	* / /	
D-2	A/D fuselage encoder/decoder (KY-854/AYQ-9(V))	AW-644AC-740-020	74N75		/ /	* / /	
D-2A	Repairs fuselage encoder/decoder (KY-854/AYQ-9(V))	AW-644AC-740-020	74N75		/ /	* / /	

B.31 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the pylon encoder/decoder (KY-853/AYQ-9(V)), using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						

DA B.31 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A-1	Pylon encoder/decoder (KY-853/AYQ-9(V))	AW-640AC-740-040	74N17		/ /	* / /	
A-2	Pylon encoder/decoder (KY-853/AYQ-9(V))	AW-644AC-740-010	74N77		/ /	* / /	
B	Test and check						
B-1	Pylon encoder/decoder (KY-853/AYQ-9(V))	AW-640AC-740-040	74N17		/ /	* / /	
B-2	Pylon encoder/decoder (KY-853/AYQ-9(V))	AW-644AC-740-010	74N77		/ /	* / /	
C	Troubleshooting						
C-1	Pylon encoder/decoder (KY-853/AYQ-9(V))	AW-640AC-740-040	74N17		/ /	* / /	
C-2	Pylon encoder/decoder (KY-853/AYQ-9(V))	AW-644AC-740-010	74N77		/ /	* / /	
D	Intermediate maintenance						
D-1	A/D pylon encoder/decoder (KY-853/AYQ-9(V))	AW-640AC-740-040	74N17		/ /	* / /	
D-1A	Repairs pylon encoder/decoder (KY-853/AYQ-9(V))	AW-640AC-740-040	74N17		/ /	* / /	
D-2	A/D pylon encoder/decoder (KY-853/AYQ-9(V))	AW-644AC-740-010	74N77		/ /	* / /	
D-2A	Repairs pylon encoder/decoder (KY-853/AYQ-9(V))	AW-644AC-740-010	74N77		/ /	* / /	

B.32 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the armament computer (CP-2218/AYK-22(V)), using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	Armament computer (CP-2218/AYK-22 (V))	AW-644AC-740-050			/ /	* / /	
B	Test and check						
B-1	Armament computer (CP-2218/AYK-22 (V))	AW-644AC-740-050			/ /	* / /	
C	Troubleshooting						
C-1	Armament computer (CP-2218/AYK-22 (V))	AW-644AC-740-050			/ /	* / /	
D	Intermediate maintenance						
D-1	A/D armament computer (CP-2218/AYK-22 (V))	AW-644AC-740-050			/ /	* / /	
D-1A	Repairs Armament computer (CP-2218/AYK-22(V))	AW-644AC-740-050			/ /	* / /	

B.33 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the signal data converter control (CV-4257/AYK-22(V)), using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	Signal data converter control (CV-4257/AYK-22(V))	AN-644AC-740-070			/ /	* / /	
B	Test and check						
B-1	Signal data converter control (CV-4257/AYK-22(V))	AN-644AC-740-070			/ /	* / /	

DA B.33 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
C	Troubleshooting						
C-1	Signal data converter control (CV-4257/AYK-22(V))	AN-644AC-740-070			/ /	* / /	
D	Intermediate maintenance						
D-1	A/D signal data converter control (CV-4257/AYK-22(V))	AN-644AC-740-070			/ /	* / /	
D-1A	Repairs signal data converter control (CV-4257/AYK-22(V))	AN-644AC-740-070			/ /	* / /	

B.34 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the interference blanker (MX-9965/A), using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	Interference blanker (MX9965/A)	AE-412AC-760-000	76X45		/ /	* / /	
B	Test and check						
B-1	Interference blanker (MX9965/A)	AE-412AC-760-000	76X45		/ /	* / /	
C	Troubleshooting						
C-1	Interference blanker (MX9965/A)	AE-412AC-760-000	76X45		/ /	* / /	
D	Intermediate maintenance						
D-1	A/D interference blanker (MX9965/A)	AE-412AC-760-000	76X45		/ /	* / /	
D-1A	Repairs interference blanker (MX9965/A)	AE-412AC-760-000	76X45		/ /	* / /	

B.35 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the intercommunication amplifier and the amplifier/intercommunication test program sets, using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	Intercommunications amplifier TPS	AT-908AC-S64-000	64AR0		/ /	* / /	
A-2	Intercommunications amplifier TPS	AT-908AC-S64-010	64AR3		/ /	* / /	
B	Test and check						
B-1	Intercommunications amplifier TPS	AT-908AC-S64-000	64AR0		/ /	* / /	
B-2	Intercommunications amplifier TPS	AT-908AC-S64-010	64AR3		/ /	* / /	
C	Troubleshooting						
C-1	Intercommunications amplifier TPS	AT-908AC-S64-000	64AR0		/ /	* / /	
C-2	Intercommunications amplifier TPS	AT-908AC-S64-010	64AR3		/ /	* / /	
D	Intermediate maintenance						
D-1	Intercommunications amplifier TPS	AT-908AC-S64-000	64AR0		/ /	* / /	
D-2	Intercommunications amplifier TPS	AT-908AC-S64-010	64AR3		/ /	* / /	

B.36 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the rate gyroscope test program set, using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	LEA TPS	AT-908AC-S57-000	56AJ3		/ /	* / /	
A-2	Rate gyroscope TPS	AT-908AC-S57-000	56AJ5				
B	Test and check						
B-1	Rate gyroscope interface device	AT-908AC-S57-000	56AJ3		/ /	* / /	
C	Troubleshooting						
C-1	LEA cable set	AT-908AC-S57-000	56AJ3		/ /	* / /	
C-2	Rate gyroscope interface device	AT-908AC-S57-000	56AJ5		/ *	* / /	
C-3	Rate gyroscope cable set	AT-908AC-S57-000	56AJ6		/ /	* / /	
D	Intermediate maintenance						
D-1	Repairs LEA cable set	AT-908AC-S57-000	56AJ3		/ /	* / /	
D-2	Repairs rate gyroscope interface device	AT-908AC-S57-000	56AJ5		/ /	* / /	

B.37 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the roll pitch yaw computer test program set, using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	Roll pitch yaw computer TPS	AN-330AC-570-010	57AJ1		/ /	* / /	
B	Test and check						
B-1	Roll pitch yaw computer TPS	AN-330AC-570-010	57AJ1		/ /	* / /	
C	Troubleshooting						
C-1	Roll pitch yaw computer TPS	AN-330AC-570-010	57AJ1		/ /	* / /	
D	Intermediate maintenance						
D-1	Repairs roll pitch yaw computer TPS	AN-330AC-570-010	57AJ1		/ /	* / /	

B.38 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the maintenance signal data recorder test program set, using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	Maintenance signal data recorder TPS	AT-908AC-S58-000	58AB1		/ /	* / /	
B	Test and check						
B-1	58AB1	AT-908AC-S58-000	58AB2		/ /	* / /	
C	Troubleshooting						
C-1	Maintenance signal data recorder TPS	AT-908AC-S58-000	58AB1		/ /	* / /	
D	Intermediate maintenance						
D-1	Repairs maintenance signal data recorder TPS	AT-908AC-S58-000	58AB1		/ /	* / /	

B.39 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the electronic equipment control test program set, using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	Electronic equipment control TPS	AT-908AC-S61-000	61LR1		/ /	* / /	
B	Test and check						
B-1	Electronic equipment control TPS	AT-908AC-S61-000	61LR1		/ /	* / /	
C	Troubleshooting						
C-1	Electronic equipment control TPS	AT-908AC-S61-000	61LR1		/ /	* / /	
D	Intermediate maintenance						
D-1	Repairs electronic equipment control TPS	AT-908AC-S61-000	61LR1		/ /	* / /	

B.40 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the horizontal indicator test program set, using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	Horizontal indicator TPS	AT-908AC-S73-100	73BG1		/ /	* / /	
B	Test and check						
B-1	Horizontal indicator TPS	AT-908AC-S73-100	73BG1		/ /	* / /	
C	Troubleshooting						
C-1	Horizontal indicator TPS	AT-908AC-S73-100	73BG1		/ /	* / /	
D	Intermediate maintenance						
D-1	Repairs horizontal indicator TPS	AT-908AC-S73-100	73BG1		/ /	* / /	

B.41 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the armament computer test program set, using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	Armament computer TPS	AT-908AC-S74-000	74SB1		/ /	* / /	
A-2	Armament computer TPS	AT-908AC-S74-070	74SB8		/ /	* / /	
B	Test and check						
B-1	Armament computer TPS	AT-908AC-S74-000	74SB1		/ /	* / /	
B-2	Armament computer TPS	AT-908AC-S74-070	74SB8		/ /	* / /	
C	Troubleshooting						
C-1	Armament computer TPS	AT-908AC-S74-000	74SB1		/ /	* / /	
C-2	Armament computer TPS	AT-908AC-S74-070	74SB8		/ /	* / /	
D	Intermediate maintenance						
D-1	Repairs armament computer TPS	AT-908AC-S74-000	74SB1		/ /	* / /	
D-2	A/D armament computer TPS	AT-908AC-S74-070	74SB8		/ /	* / /	
D-2A	Repairs armament computer TPS	AT-908AC-S74-070	74SB8		/ /	* / /	

B.42 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the armament computer test program set, using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	Encoder/decoder TPS	AT-908AC-S74-010	74SB5		/ /	*	/ /
A-2	Encoder/decoder TPS	AT-908AC-S74-080	74SBF		/ /	*	/ /
B	Test and check						
B-1	Encoder/decoder TPS	AT-908AC-S74-010	74SB5		/ /	*	/ /
B-2	Encoder/decoder TPS	AT-908AC-S74-080	74SBF		/ /	*	/ /
C	Troubleshooting						
C-1	Encoder/decoder TPS	AT-908AC-S74-010	74SB5		/ /	*	/ /
C-2	Encoder/decoder TPS	AT-908AC-S74-080	74SBF		/ /	*	/ /
D	Intermediate maintenance						
D-1	Repairs encoder/decoder TPS	AT-908AC-S74-010	74SB5		/ /	*	/ /
D-2	Encoder/decoder TPS	AT-908AC-S74-080	74SBF		/ /	*	/ /

B.43 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the heads-up display test program set, using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	Heads-up display TPS	AT-908AC-S74-030	74SA1		/ /	*	/ /
B	Test and check						
B-1	Heads-up display TPS	AT-908AC-S74-030	74SA1		/ /	*	/ /
C	Troubleshooting						
C-1	Heads-up display TPS	AT-908AC-S74-030	74SA1		/ /	*	/ /
D	Intermediate maintenance						
D-1	Repairs heads-up display TPS	AT-908AC-S74-030	74SA1		/ /	*	/ /

B.44 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the avionics test set (AN/USM-470 (V)), using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	Avionics test set (AN/USM-470(V)1)						
A-1.1	Power panels (Racks 1-6)	AT-824M0-MIB-000 AT-824M0-MIB-100	78MS1		*	/ /	*
A-1.2	Computer	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824M0-MCM-000	78MS2		*	/ /	*
A-1.3	I/O controller	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824M0-MIB-080	78MS3		*	/ /	*

DA B.44 (continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV	
A-1.4	Disk drive	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-828CA-IIN-020	78MSC		*	/ /	*	/ /
A-1.5	Power control unit	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824M0-MIB-060	78MS8		*	/ /	*	/ /
A-1.6	Synthesizer/function generator	AT-824M0-MIB-000 AT-824M0-MIB-100	78MSA		*	/ /	*	/ /
A-1.7	Thermal graphics printer	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-828CA-MMC-150	78MSB		*	/ /	*	/ /
A-1.8	CRT/Terminal	Manufacturer's Manual			/ /		*	/ /
A-1.9	Analog conversion unit	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824M0-mib-050	78MSD		*	/ /	*	/ /
A-1.10	Combined system interface unit power supplies	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824M0-MIB-070	78MSF		*	/ /	*	/ /
A-1.11	Central connection device	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824M0-MIB-020	78MSH		*	/ /	*	/ /
A-1.12	Combined system interface unit							
A-1.12A	Interconnecting box (BB02)	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824M0-MIB-010	78MSJP0		*	/ /	*	/ /
A-1.12B	WMU card file assembly (BB07)	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824M0-MIB-010	78MSJQ0		*	/ /	*	/ /
A-1.12C	System interface panel assembly	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824m0-mib-010	78msjr0		*	/ /	*	/ /
A-1.12D	Digital card file assembly 1 (BB09)	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824M0-MIB-010	78MSJ0		*	/ /	*	/ /
A-1.12E	Digital card file assembly 2 (BB09)	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824MO-MIB-010	78MSJV0		*	/ /	*	/ /
A-1.13	Precision resistive load	AT-824M0-MIB-000 AT-824M0-MIB-100 NA 16-30USM247-2-61, 61.1	78MSM		*	/ /	*	/ /
A-1.14	Pulse generator	AT-824M0-MIB-000 AT-824M0-MIB-100 NA 16-30USM247-2-40, 40.1	78MSP		*	/ /	*	/ /

DA B.44 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV	
A-1.15	Delay generator	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824M0-B13-000	78MSQ		*	/ /	*	/ /
A-1.16	DC power supply	AT-824M0-MIB-000 AT-824M0-MIB-100 NA16-30USM247-4-50			*	/ /	*	/ /
A-1.17	Programmable digitizer	AT-824M0-MIB-000 AT-824M0-MIB-100	78MSU		*	/ /	*	/ /
A-1.18	Calibration standard module	AT-824M0-MIB-000 AT-824M0-MIB-100	78MSV		*	/ /	*	/ /
A-1.19	Micro-processing timer/counter	AT-824M0-MIB-000 AT-824M0-MIB-100	78MSW		*	/ /	*	/ /
A-1.20	Digital voltmeter	AT-824M0-MIB-000 AT-824M0-MIB-100	78MSX		*	/ /	*	/ /
A-1.21	Arbitrary function generator	AT-824M0-MIB-000 AT-824M0-MIB-100 NA16-30USM247-2-36, 36.1	78MSY		*	/ /	*	/ /
A-1.22	AC power supply group	AT-824M0-MIB-000 AT-824M0-MIB-100 NA 16-30USM247-2-55, 55.1	78MSZ		*	/ /	*	/ /
A-1.23	Ratio transformer	AT-824M0-MIB-000 AT-824M0-MIB-100 NA 16-30USM247-2-49, 49.1	78MT4		*	/ /	*	/ /
B	Troubleshooting							
B-1	Avionics test set (AN/USM-470(V)1)							
B-1.1	Power panels (Racks 1-6)	AT-824M0-MIB-000 AT-824M0-MIB-100	78MS0		*	/ /	*	/ /
B-1.2	Computer	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824M0-MCM-000	78MS2		*	/ /	*	/ /
B-1.2A	Computer wiring	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824M0-MCM-000	78MS2		/ /		*	/ /
B-1.3	I/O controller	AT-824M0-MIB-000 AT-824M0-MIB-100	78MS3		*	/ /	*	/ /
B-1.3A	I/O controller wiring	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824M0-MIB-080	78MS3		/ /		*	/ /
B-1.4	Power control unit	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824M0-MIB-060	78MS8		*	/ /	*	/ /
B-1.5	Synthesizer/function generator	AT-824M0-MIB-000 AT-824M0-MIB-100	78MSA		*	/ /	*	/ /

DA B.44 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV	
B-1.6	Thermal graphics printer	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-828CA-MMB-150	78MSB		*	/ /	*	/ /
B-1.7	CRT/terminal							
B-1.8	Analog conversion unit	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824M0-MIB-050	78MSD		*	/ /	*	/ /
B-1.9	Combined system interface unit power supplies	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824M0-MIB-070	78MSF				/ /	
B-1.10	Central connection device	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824M0-MIB-020	78MSH		*	/ /	*	/ /
B-1.11	Combined system interface unit				/ /		/ /	
B-1.11A	Interconnecting box (BB02)	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824M0-MIB-010	78MSJP0		*	/ /	*	/ /
B-1.11B	WMU card file assembly (BB07)	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824M0-MIB-010	78MSJQ0		*	/ /	*	/ /
B-1.11C	System interface panel assembly (SIPA)	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824M0-MIB-010	78MSJR0		*	/ /	*	/ /
B-1.11D	Digital card file assembly (BB09)	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824M0-MIB-010	78MSJS0		*	/ /	*	/ /
B-1.11E	Digital card file assembly 2 (BB09)	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824M0-MIB-010	78MSJV0		*	/ /	*	/ /
B-1.11F	Combined system interface unit wiring	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824M0-MIB-010	78MSJ		*	/ /	*	/ /
B-1.12	Precision resistive lad	AT-824M0-MIB-000 AT-824M0-MIB-100 NA 16-30USM247-2-61, 61.1	78MSM					
B-1.13	Pulse generator	AT-824M0-MIB-000 AT-824M0-MIB-100 NA 16-30USM247-2-40, 40.1	78MSP		*	/ /	*	/ /
B-1.14	Delay generator	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824M0-B13-000	78MSQ		*	/ /	*	/ /

DA B.44 (continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
B-1.15	DC power supply	AT-824M0-MIB-000 AT-824M0-MIB-100 NA 16-30USM247-4-50			/ /	/ /	
B-1.16	Programmable digitizer	AT-824M0-MIB-000 AT-824M0-MIB-100	78MSU		* / /	* / /	
B-1.17	Calibration standard module	AT-824M0-MIB-000 AT-824M0-MIB-100	78MSV		* / /	* / /	
B-1.18	Micro-processing timer/counter	AT-824M0-MIB-000 AT-824M0-MIB-100	78MSW		* / /	* / /	
B-1.19	Digital voltmeter	AT-824M0-MIB-000 AT-824M0-MIB-100	78MSX		* / /	* / /	
B-1.20	Arbitrary function generator	AT-824M0-MIB-000 AT-824M0-MIB-100 NA 16-30USM247-2-36, 3.1	78MSY		* / /	* / /	
B-1.21	AC power supply group	AT-824M0-MIB-000 AT-824M0-MIB-100 NA 16-30USM247-2-55, 55.1	78MSZ		* / /	* / /	
B-1.22	Ratio transformer	AT-824M0-MIB-000 AT-824M0-MIB-100 NA 16-30USM247-2-49, 49.1	78MT4		* / /	* / /	
B-1.23	Avionics test set wiring	AT-824M0-MIB-000 AT-824M0-MIB-100	78MS0		* / /	* / /	
C	Intermediate maintenance						
C-1	Repairs power panels (Racks 1-6)	AT-824M0-MIB-000 AT-824M0-MIB-100	78MS0		* / /	* / /	
C-2	A/D computer	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824M0-MCM-000	78MS2		* / /	* / /	
C-2A	Repairs computer	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824M0-MCM-000	78MS2		* / /	* / /	
C-2B	Repairs computer wiring	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824M0-MCM-000	78MS2		* / /	* / /	
C-3	A/D & I/O controller	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824M0-MCM-080	78MS3		* / /	* / /	
C-3A	Repairs I/O controller	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824M0-MCM-080	78MS3		* / /	* / /	
C-3B	Repairs I/O controller wiring	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824M0-MCM-080	78MS3		* / /	* / /	

DA B.44 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
C-4	R&R disk drive	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-828CA-IIN-020	78MSC		*	/	/
C-5	A/D power control unit	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824M0-MIB-060	78MS8		*	/	/
C-5A	Repairs power control unit	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824M0-MIB-060			*	/	/
C-6	R&R synthesizer/function generator	AT-824M0-MIB-000 AT-824M0-MIB-100	78MSA		*	/	/
C-7	R&R thermal graphic printer	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-828CA-MMB-150	78MSB		*	/	/
C-8	R&R CRT/terminal	AT-824M0-MIB-000 AT-824M0-MIB-100			/	/	/
C-9	A/D analog conversion unit	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824M0-MIB-050	78MSD		*	/	/
C-9A	Repairs analog conversion nit	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824M0-MIB-050	78MSD		*	/	/
C-10	R&R combined system interface unit power supplies	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824M0-MIB-070	78MSF		*	/	/
C-10A	A/D combined system interface unit power supplies	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824M0-MIB-070	78MSF		*	/	/
C-10B	Aligns combined system interface unit power supplies	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824M0-MIB-070	78MSF		*	/	/
C-11	A/D central connection device	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824M0-MIB-020	78MSH		/	/	/
C-11A	Repairs central connection device	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824M0-MIB-020	78MSH		/	/	/
C-12	Combined system interface unit						
C-12.1	A/D interconnecting box (BB02)	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824M0-MIB-010	78MSJPO		*	/	/
C-12.2	Repairs interconnecting box (BB02)	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824M0-MIB-010	78MSJPO		*	/	/

DA B.44 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
C-12.3	A/D WMU card file assembly (BB07)	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824M0-MIB-010	78MSJQ0		*	/	/
C-12.4	Repairs WMU card file assembly (BB07)	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824M0-MIB-010	78MSJQ0		*	/	/
C-12.5	A/D system interface panel assembly	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824M0-MIB-010	78MSJR0		*	/	/
C-12.6	Repair system interface panel assembly	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824M0-MIB-010	78MSJR0		*	/	/
C-12.7	A/D digital card file assembly 1 (BB09)	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824M0-MIB-010	78MSJR0		*	/	/
C-12.8	Repairs digital card file assembly 1 (BB09)	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824M0-MIB-010	78MSJS0		*	/	/
C-12.9	A/D digital card file assembly 2 (BB09)	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824M0-MIB-010	78MSJV0		*	/	/
C-12.10	Repairs digital card file assembly 2 (BB09)	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824M0-MIB-010	78MSJV0		*	/	/
C-12.11	Repairs combined system interface unit wiring	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824M0-MIB-010	78MSJV0		*	/	/
C-13	R&R precision resistive load	AT-824M0-MIB-000 AT-824M0-MIB-100 NA16-30USM247-2-61, 61.1	78MSM		*	/	/
C-14	R&R display stimulus generator	AT-824M0-MIB-000 AT-824M0-MIB-100 NA16-30USM247-2-63, 63.1	78MSN		*	/	/
C-15	R&R pulse generator	AT-824M0-MIB-000 AT-824M0-MIB-100 NA16-30USM247-2-40, 40.1	78MSP		*	/	/
C-16	R&R delay generator	AT-824M0-MIB-000 AT-824M0-MIB-100 AT-824M0-B13-000	78MSQ		*	/	/
C-17	R&R DC power supply	AT-824M0-MIB-000 AT-824M0-MIB-100 NA16-30USM247-4-50			/	/	
C-18	R&R programmable digitizer	AT-824M0-MIB-000 AT-824M0-MIB-100	78MSU		*	/	/

DA B.44 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
C-19	R&R calibration standard module	AT-824M0-MIB-000 AT-824M0-MIB-100	78MSV		* / /	* / /	
C-20	R&R micro-processing timer/counter	AT-824M0-MIB-000 AT-824M0-MIB-100	78MSW		* / /	* / /	
C-21	R&R digital voltmeter	AT-824M0-MIB-000 AT-824M0-MIB-100	78MSX		* / /	* / /	
C-22	R&R arbitrary function generator	AT-824M0-MIB-000 AT-824M0-MIB-100 NA16-30USM247-2-36, 36.1	78MSY		* / /	* / /	
C-23	R&R AC power supply group	AT-824M0-MIB-000 AT-824M0-MIB-100 NA16-30USM247-2-55, 55.1	78MSZ		* / /	* / /	
C-24	R&R synchro/resolver standard	AT-824M0-MIB-000 AT-824M0-MIB-100 NA16-30USM247-2-31	78MT3		* / /	* / /	
C-25	R&R ratio transformer	AT-824M0-MIB-000 AT-824M0-MIB-100 NA16-30USM247-2-49, 49.1	78MT4		* / /	* / /	
C-26	R&R pressure generator	AT-824M0-MIB-000 AT-824M0-MIB-100 NA16-30USM247-2-34	78MT5		* / /	* / /	

B.45 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the night digital display repeater indicator (IP-1318 A/A), using appropriate maintenance procedures and support/test equipment

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	Night digital display repeater indicator (IP-1318 A/A)	AW-640AC-740-110	7468300		/ /	* / /	
B	Test and check						
B-1	Night digital display repeater indicator (IP-1318 A/A)	AW-640AC-740-110	7468300		/ /	* / /	
C	Troubleshooting						
C-1	Night digital display repeater indicator (IP-1318 A/A)	AW-640AC-740-110	7468300		/ /	* / /	
D	Intermediate maintenance						
D-1	Repairs night digital display repeater indicator (IP-1318 A/A)	AW-640AC-740-110	7468300		/ /	* / /	

B.46 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the night digital display indicator (IP-1556/A), using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	Night digital display indicator (IP-1556/A)	AW-640AC-740-100	74Y4W00		/ /	*	/ /
B	Test and check						
B-1	Night digital display indicator (IP-1556/A)	AW-640AC-740-100	74Y4W00		/ /	*	/ /
C	Troubleshooting						
C-1	Night digital display indicator (IP-1556/A)	AW-640AC-740-100	74Y4W00		/ /	*	/ /
D	Intermediate maintenance						
D-1	Repairs night digital display indicator (IP-1556/A)	AW-640AC-740-100	74Y4W00		/ /	*	/ /

B.47 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the digital map computer (CP-1802/ASQ-196), using appropriate maintenance procedures and support/test equipment

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	Digital map computer (CP-1802/ASQ-196)	A1-220AC-730-030	73P1200		/ /	*	/ /
B	Test and check						
B-1	Digital map computer (CP-1802/ASQ-196)	A1-220AC-730-030	73P1200		/ /	*	/ /
C	Troubleshooting						
C-1	Digital map computer (CP-1802/ASQ-196)	A1-220AC-730-030	73P1200		/ /	*	/ /
D	Intermediate maintenance						
D-1	Repairs digital map computer (CP-1802/ASQ-196)	A1-220AC-730-030	73P1200		/ /	*	/ /

B.48 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the digital map unit (MU-928/ASQ-196), using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	Digital map unit (MU-928/ASQ-196)	A1-220AC-730-020	73P1100		/ /	*	/ /
B	Test and check						
B-1	Digital map unit (MU-928/ASQ-196)	A1-220AC-730-020	73P1100		/ /	*	/ /
C	Troubleshooting						
C-1	Digital map unit (MU-928/ASQ-196)	A1-220AC-730-020	73P1100		/ /	*	/ /
D	Intermediate maintenance						
D-1	Repairs digital map unit (MU-928/ASQ-196)	A1-220AC-730-020	73P1100		/ /	*	/ /

B.49 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **memory unit (MU-860B/ASQ-194)**, using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	Memory unit (MU-860B/ASQ-194)	A1-750AC-580-010	5839300		/ /	* / /	
B	Test and check						
B-1	Memory unit (MU-860B/ASQ-194))	A1-750AC-580-010	5839300		/ /	* / /	
C	Troubleshooting						
C-1	Memory unit (MU-860B/ASQ-194)	A1-750AC-580-010	5839300		/ /	* / /	
D	Intermediate maintenance						
D-1	Repairs memory unit (MU-860B/ASQ-194)	A1-750AC-580-010	5839300		/ /	* / /	

B.50 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **night heads-up display (AN/AVQ-32)**, using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	Night heads up display (AN/AVQ-32)	AW-646AC-740-010	74D8100		/ /	* / /	
B	Test and check						
B-1	Night heads up display (AN/AVQ-32)	AW-646AC-740-010	74D8100		/ /	* / /	
C	Troubleshooting						
C-1	Night heads up display (AN/AVQ-32)	AW-646AC-740-010	74D8100		/ /	* / /	
D	Intermediate maintenance						
D-1	Repairs night heads up display (AN/AVQ-32)	AW-646AC-740-010	74D8100		/ /	* / /	

B.51 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **night heads-up display (AN/AVQ-36)**, using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	Night heads up display (AN/AVQ-36)				/ /	* / /	
B	Test and check						
B-1	Night heads up display (AN/AVQ-36)				/ /	* / /	
C	Troubleshooting						
C-1	Night heads up display (AN/AVQ-36)				/ /	* / /	
D	Intermediate maintenance						
D-1	Repair night heads up display (AN/AVQ-36)				/ /	* / /	

B.52 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **multipurpose color display (IP-1531/A)**, using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	Multi purpose color display (IP-1535/A)	AE-257AC-730-000	73X3Q00		/ /	* / /	
B	Test and check						
B-1	Multi purpose color display (IP-1535/A)	AE-257AC-730-000	73X3Q00		/ /	* / /	
C	Troubleshooting						
C-1	Multi purpose color display (IP-1535/A)	AE-257AC-730-000	73X3Q00		/ /	* / /	
D	Intermediate maintenance						
D-1	Repairs multi purpose color display (IP-1535/A)	AE-257AC-730-000	73X3Q00		/ /	* / /	

B.53 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **integrated fuel engine indicator (ID-2389/A)**, using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	Integrated fuel engine indicator (ID-2389/A)	A1-750AC-580-020	58X1700		/ /	* / /	
B	Test and check						
B-1	Integrated fuel engine indicator (ID-2389/A)	A1-750AC-580-020	58X1700		/ /	* / /	
C	Troubleshooting						
C-1	Integrated fuel engine indicator (ID-2389/A)	A1-750AC-580-020	58X1700		/ /	* / /	
D	Intermediate maintenance						
D-1	Repairs integrated fuel engine indicator (ID-2389/A)	A1-750AC-580-020	58X1700		/ /	* / /	

B.54 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **amplifier communication intercom (AM-7360/A)** using appropriate maintenance procedures and support/test equipment

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	Amplifier communication intercom (AM-7360/A)	AE-105AC-640-010	64X1G00		/ /	* / /	
B	Test and check						
B-1	Amplifier communication intercom (AM-7360/A)	AE-105AC-640-010	64X1G00		/ /	* / /	
C	Troubleshooting						
C-1	Amplifier communication intercom (AM-7360/A)	AE-105AC-640-010	64X1G00		/ /	* / /	

DA B.54 (C0ntinued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
D	Intermediate maintenance						
D-1	Repairs amplifier communication intercom (AM-7360/A)	AE-105AC-640-010	64X1G00		/ /	* / /	

B.55 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the signal data computer (CP-1726/ASQ-194), using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	Signal data computer (CP-1726/ASQ-194)	A1-750AC-580-000	5839100		/ /	* / /	
B	Test and check						
B-1	Signal data computer (CP-1726/ASQ-194)	A1-750AC-580-000	5839100		/ /	* / /	
C	Troubleshooting		5839100				
C-1	Signal data computer (CP-1726/ASQ-194)	A1-750AC-580-000	74D72		/ /	* / /	
D	Intermediate maintenance						
D-1	Repairs signal data computer (CP-1726/ASQ-194)	A1-750AC-580-000	5839100		/ /	* / /	

B.56 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the night attack intermediate avionics test set, using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	AIRSIM	AT-820FT-S78-020	78BT1		/ /	* / /	
A-2	Half track	AT-820FT-S78-030	78BT2		/ /	* / /	
B	Test and check						
B-1	AIRSIM	AT-820FT-S78-020	78BT1		/ /	* / /	
B-2	Half track	AT-820FT-S78-030	78BT2		/ /	* / /	
C	Troubleshooting						
C-1	AIRSIM	AT-820FT-S78-020	78BT1		/ /	* / /	
C-2	Half track	AT-820FT-S78-030	78BT2		/ /	* / /	
D	Intermediate maintenance						
D-1	AIRSIM	AT-820FT-S78-020	78BT1		/ /	* / /	
D-2	Half track	AT-820FT-S78-030	78BT2		/ /	* / /	

ITSS (MATMEP) 600 DIVISION W/C 650

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:

IQR, MOS 6462/6469, NAME:

DATE: August 2002

ITSS (MATMEP)

WORK CENTER SUMMARY

AVIONICS TEST SET TECHNICIAN/ADVANCED AUTOMATIC TEST EQUIPMENT TECHNICIAN IMA (MOS, 6462/6469)

WORK CENTER NAME / NUMBER: _____

IQR, MOS 6462/6469, NAME:

APPENDIX C-1

DATE: August 2002

APPENDIX C

WORK CENTER SUMMARY
AVIONICS TEST SET TECHNICIAN/ADVANCED AUTOMATIC TEST EQUIPMENT TECHNICIAN IMA (MOS, 6462/6469)

WORK CENTER NAME/NUMBER:

NAME/MOS	LEVEL	B.12	B.13	B.14	B.15	B.16	B.17	B.18	B.19	B.20	B.21	B.22	B.23	B.24	B.25	B.26
	II	XXXX														
	III															
	IV															
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	IV															

APPENDIX C

WORK CENTER SUMMARY
AVIONICS TEST SET TECHNICIAN/ADVANCED AUTOMATIC TEST EQUIPMENT TECHNICIAN IMA (MOS, 6462/6469)

WORK CENTER NAME/NUMBER:

NAME/MOS	LEVEL	B.27	B.28	B.29	B.30	B.31	B.32	B.33	B.34	B.35	B.36	B.37	B.38	B.39	B.40	B.41
	II	XXXX														
	III															
	IV															
	II	XXXX														
	III															
	IV															
	II	XXXX														
	III															
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	IV															

APPENDIX C

WORK CENTER SUMMARY
AVIONICS TEST SET TECHNICIAN/ADVANCED AUTOMATIC TEST EQUIPMENT TECHNICIAN IMA (MOS, 6462/6469)

WORK CENTER NAME/NUMBER:

NAME/MOS	LEVEL	B.42	B.43	B.44	B.45	B.46	B.47	B.48	B.49	B.50	B.51	B.52	B.53	B.54	B.55	B.56
	II	XXXX	XXXX		XXXX											
	III															
	IV															
	II	XXXX	XXXX		XXXX											
	III															
	IV															
	II	XXXX	XXXX		XXXX											
	III															
	IV															
	II	XXXX	XXXX		XXXX											
	III															
	IV															
	II	XXXX	XXXX		XXXX											
	III															
	IV															
	II	XXXX	XXXX		XXXX											
	III															
	IV															
	II	XXXX	XXXX		XXXX											
	III															
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	II	XXXX	XXXX		XXXX											
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	IV															
	II	XXXX	XXXX		XXXX											
	III															
	IV															
	II	XXXX	XXXX		XXXX											
	III															
	IV															
	II	XXXX	XXXX		XXXX											
	III															
	IV															
	II	XXXX	XXXX		XXXX											
	III															
	IV															
	II	XXXX	XXXX		XXXX											
	III															
	IV															
	II	XXXX	XXXX		XXXX											
	III															
	IV															
	II	XXXX	XXXX		XXXX											
	III															
	IV															

ITSS (MATMEP)

APPENDIX D

SUPPORT EQUIPMENT LICENSING RECORD

NAME / SSN :

RANK:

MOS:

DATE: August 2002