

DUTY AREA

AIRCRAFT COMMUNICATIONS/NAVIGATION/ELECTRICAL/WEAPON SYSTEMS TECHNICIAN (MOS 6324)

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 on the helicopter using Precision Measuring Equipment(PME).

B. SCHEDULED AND UNSCHEDULED MAINTENANCE DUTIES

1. Incorporates applicable Technical Directives changes/bulletins.
2. Detects corrosion and performs Corrosion control.
3. Demonstrates/applies knowledge of the principles of Wire repair and performs applicable organizational level maintenance on helicopter wiring using appropriate maintenance procedures and support/test equipment.
4. Performs Organizational level maintenance on applicable systems including the removal, installation, adjustment and alignment of the system and the repair or replacement of associated components.

UH-1N

5. Performs Required scheduled/unscheduled inspections on applicable systems/components per Maintenance Requirement Cards on the UH-1N aircraft.
6. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Communication control system of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.
7. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Radio set AN/ARC-210 system of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.
8. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the C-12284/CDNU-ICU-AN/APN-217 (V) DOPPLER of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.
9. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the VAN/ASQ-215 (Digital Data Set) system of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.
10. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Multiplex system of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.

DA MOS 6324 (Continued)

11. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Signal Data Converter (SDC)** of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.
12. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Miniaturized Airborne GPS Receiver (MAGR) system** of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.
13. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Navigation Thermal Imaging System (NTIS) AN/AAQ-22A** of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.
14. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Aviators Night Vision Imaging System Heads Up Display (ANVIS HUD) system** of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.
15. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Radar altimeter/LAWS system** of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.
16. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Advanced digital TACAN system (TCN-500)** of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.
17. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **IFF system** of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.
18. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **KY-58/TSEC system** of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.
19. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Compass system** of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.
20. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Aircraft survivability equipment** of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.
21. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Electrical supply system** of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.
22. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Starter/ignition system** of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.
23. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Fuel system** of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.
24. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Oil indicating system** of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.
25. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Turbine inlet temperature indicating system** of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.
26. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Torque pressure indicating system** of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.
27. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Air particle separator system** of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.

DA MOS 6324 (Continued)

28. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Idle stop system** of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.
29. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Governor linear actuator system** of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.
30. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Hydraulic indicating system** of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.
31. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Tachometer generator indicating system** of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.
32. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Master caution warning system** of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.
33. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Chip detection system** of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.
34. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **RPM warning system** of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.
35. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Fire detection and indicating system** of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.
36. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Attitude indicating system** of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.
37. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Force trim system** of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.
38. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Stability Control Augmentation System (SCAS)** of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.
39. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Automatic Flight Control System (AFCS)** of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.
40. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Lighting system** of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.
41. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Turn & slip indicating system** of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.
42. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Pitot-static indicator system** of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.
43. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Heating/ventilating system** of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.
44. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Windshield wiper system** of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.
45. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Cargo hook system** of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.

DA MOS 6324 (Continued)

46. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Rescue hoist system** of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.
47. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Miscellaneous systems** of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.

AH-1W

48. Performs **Required scheduled/unscheduled inspections** on applicable systems/components per Maintenance Requirement Cards on the AH-1W aircraft.
49. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **ICS system** of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.
50. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **UHF/VHF radio set, A/ARC-210(V) and T/SEC KY-58 secure voice system** of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.
51. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Radar altimeter system** of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.
52. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **TACAN navigation set AN/ARN-153 (V) system** of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.
53. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **IFF system** of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.
54. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Compass system** of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.
55. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Aircraft survivability system** of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.
56. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Electrical power supply system** of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.
57. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Starter and ignition system** of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.
58. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Fuel system** of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.
59. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Engine oil indicating system** of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.
60. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Measured Gas Temperature indicating system (MGT)** of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.

DA MOS 6324 (Continued)

61. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Torque indicating system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.
62. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Idle stop system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.
63. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Hydraulic indicating system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.
64. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Tachometer generator indicating system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.
65. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Master caution warning system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.
66. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Chip detection system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.
67. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the RPM warning system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.
68. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Fire detection & warning system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.
69. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Fire extinguishing system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.
70. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Attitude indicating system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.
71. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Force trim system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.
72. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Stability Control Augmentation System (SCAS) of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.
73. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Lighting system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.
74. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Turn & slip indicating system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.
75. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Pitot-static system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.
76. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Environmental control unit system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.
77. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Heating & ventilation system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.
78. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Rain removal system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.

DA MOS 6324 (Continued)

79. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Instrument current limiter system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.
80. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Engine anti-ice system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.
81. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Engine inlet fuel heater system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.
82. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Engine overspeed control system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.
83. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Navy Armament Rocket Control & Delivery System (NARCADS) of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.
84. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the GTK turret system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.
85. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the AIM-9 sidewinder system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.
86. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Helmet Sight System (HSS) of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.
87. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the TOW missile system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.
88. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Heads Up Display system (HUD) of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.
89. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the HELLFIRE system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.
90. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Night Targeting System (NTS) of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.
91. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the ANVIS-HUD system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.
92. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the AAN ASQ 205/CDNU 800 system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.
93. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Embedded Global Position/Internal Navigation (EGI) CN-1689 (V2) system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.

SKILL PROGRESSION LEVEL DEFINITIONS

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

LEVEL II: An asterisk in level II indicates the task is taught at a FREST/"C" school. 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 that the Marine performs after initial exposure should be annotated on the OPNAV 4790/33 form until the Marine 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 without 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 singed-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.

INDIVIDUAL DUTY AREA QUALIFICATION SUMMARY
AIRCRAFT COMMUNICATIONS/NAVIGATION/ELECTRICAL/WEAPONS SYSTEMS TECHNICIAN (MOS 6324)

NAME/SSN _____

Granted MOS 6311 _____ / _____

Level II Completed _____ / _____

Granted MOS 6324 _____ / _____

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 HELICOPTER AND WORK CENTER	XXXXXXXXXXXXXXXXXXXX		/		/		/	
A.3	HELICOPTER PUBLICATIONS, DIAGRAMS, SKETCHES AND DRAWINGS	XXXXXXXXXXXXXXXXXXXX		/		/		/	
A.4	PRECISION MEASURING EQUIPMENT	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.	SCHEDULED AND UNSCHEDULED MAINTENANCE DUTIES	XXXXXXXXXXXXXXXXXXXXXXXXXXXX							
B.1	TECHNICAL DIRECTIVES CHANGES/BULLETINS	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	/		/	
B.2	CORROSION CONTROL	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.3	WIRE REPAIR	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.4	ORGANIZATIONAL LEVEL MAINTENANCE	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.5	REQUIRED SCHEDULED/UNSCHEDULED MAINTENANCE	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	/		/	
B.6	COMMUNICATION CONTROL SYSTEM	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.7	RADIO SET AN/ARC-210 SYSTEM	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.8	C-12284/CDNU-ICU-AN/APN-217(V) DOPPLER	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.9	AN/ASQ-215 (DIGITAL DATA SET)	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.10	MULTIPLEX SYSTEM	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.11	SIGNAL DATA CONVERTER (SDC)	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.12	MINIATURIZED AIRBORNE GPS RECEIVER (MAGR) SYSTEM	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.13	NAVIGATION THERMAL IMAGING SYSTEM (NTIS) AN/AAQ-22A	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.14	AVIATORS NIGHT VISION IMAGING SYSTEM HEADS UP DISPLAY (ANVIS HUD) SYSTEM	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.15	RADAR ALTIMETER/LAWS SYSTEM	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.16	ADVANCED DIGITAL TACAN SYSTEM (TCN-500)	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.17	IFF SYSTEM	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.18	KY58/TSEC SYSTEM	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	/		/	
B.19	COMPASS SYSTEM	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.20	AIRCRAFT SURVIVABILITY EQUIPMENT	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.21	ELECTRICAL POWER SUPPLY SYSTEM	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.22	STARTER/IGNITION SYSTEM	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.23	FUEL SYSTEM	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.24	OIL INDICATING SYSTEM	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.25	TURBINE INLET TEMPERATURE INDICATING SYSTEM	XXXXXXXXXXXXXXXXXXXX		/		/		/	

IQR, MOS 6324 NAME: _____

DATE: May 2002

IQS, MOS 6324 (Continued)

DUTY #	DUTY DESCRIPTION	LEVEL I		LEVEL II		LEVEL III		LEVEL IV	
		DATE	/ SIGN						
B.26	TORQUE PRESSURE INDICATING SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.27	AIR PARTICLE SEPERATOR SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.28	IDLE STOP SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.29	GOVERNOR LINEAR ACTUATOR SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.30	HYDRAULIC INDICATING SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.31	TACHOMETER GENERATOR INDICATING SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.32	MASTER CAUTION WARNING SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.33	CHIP DETECTION SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.34	RPM WARNING SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.35	FIRE DETCCTION AND EXTINGUISHING SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.36	ATTITUDE INDICATING SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.37	FORCE TRIM SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.38	STABILITY AND CONTROL AUGMENTATION SYSTEM (SCAS)	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.39	AUTOMATIC FLIGHT CONTROL SYSTEM (AFCS)	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.40	LIGHTING SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.41	TURN AND SLIP INDICATING SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.42	PITOT-STATIC INDICATING SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.43	HEATING/VENTILATION SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.44	WINDSHIELD WIPER SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.45	CARGO HOOK SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.46	RESCUE HOIST SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.47	MISCELLANEOUS SYSTEMS	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.48	REQUIRED SCHEDULED/UNSCHEDULED INSPECTIONS	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.49	ICS SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.50	UHF/VHF RADIO SET, AN/ARC-210(V) AND T/SEC KY-58	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.51	RADAR ALTIMETER SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.52	TACAN NAVIGATION SET AN/ARN-153(V) SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.53	IFR SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.54	COMPASS SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.55	AIRCRAFT SURVIVABILITY EQUIPMENT	XX	/	XX	/	XX	/	XX	/
B.56	ELECTRICAL POWER SUPPLY SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.57	STARTER AND IGNITOR SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.58	FUEL SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.59	ENGINE OIL INDICATING SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.60	MEASURED GAS TEMPERATURE INDICATING SYSTEM (MGT)	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.61	TORQUE INDICATING SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.62	IDLE STOP SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.63	HYDRAULIC INDICATING SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.64	TACHOMETER GENERATOR INDICATING SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.65	MASTER CAUTION WARNING SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.66	CHIP DETECTION SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.67	RPM WARNING SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.68	FIRE DETECTION AND WARNING SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/

IQR, MOS 6324 NAME: _____

DATE: May 2002

IQS, MOS 6324 (Continued)

DUTY #	DUTY DESCRIPTION	LEVEL I		LEVEL II		LEVEL III		LEVEL IV	
		DATE	/ SIGN						
B.69	FIRE EXTINGUISHING SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.70	ATTITUDE INDICATING SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.71	FORCE TRIM SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.72	STABILITY AND CONTROL AUGMENTATION SYSTEM (SCAS)	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.73	LIGHTING SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.74	TURN AND SLIP INDICATING SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.75	PITOT-STATIC INDICATOR SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.76	ENVIRONMENTAL CONTROL UNIT SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.77	HEATING AND VENTILATING SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.78	RAIN REMOVAL SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.79	INSTRUMENT CURRENT LIMITER SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.80	ENGINE ANTI-ICE SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.81	ENGINE INLET HEATER SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.82	ENGINE OVERSPEED CONTROL SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.83	NAVY ARMAMENT ROCKET CONTROL & DELIVERY SYSTEM (NARCADS)	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.84	GTK TURRET SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.85	AIM-9 SIDEWINDER SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.86	HELMET SIGHT SYSTEM (HSS)	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.87	TOW MISSLE SYSTEM (TMS)	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.88	HEADS-UP DISPLAY SYSTEM (HUD)	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.89	HELLFIRE SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.90	NIGHT TARGETING SYSTEM (NTS)	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.91	ANVIS-HUD SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.92	AAN ASQ 205/CDNU 800 SYSTEM	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/
B.93	EMBEDDED GLOBAL POSITION/INERTIAL NAVIGATION (EGI) CN-1689(V2)	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXXXXX	/

INDIVIDUAL QUALIFICATION RECORD
AIRCRAFT COMMUNICATIONS/NAVIGATION/ELECTRICAL/WEAPONS SYSTEMS TECHNICIAN (MOS 6324)

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	NT-4A, Tow bar	NA19-600-175-6-1		/ /	* / /	
B	Tow tractor	NA00-80T-96	*	/ /	* / /	
C	NC-10	NA00-80T-96	*	/ /	* / /	
D	B-1, B-2, B-4 and B-5A aircraft maintenance platforms	NA19-600-19-6-1		/ /	* / /	
E	Ground handling wheels	NA00-15-80T-96		/ /	* / /	

A.2 Demonstrates/applies applicable **Safety precautions and procedures around the helicopter and work center.**

A	Ground occupational safety & health programs in specific areas					
A-1	First aid procedures	Marine BST/ Essential Subjects Book		*	/ /	* / /
A-2	Use of solvents/paints/strippers/ Sealants (Shelf life, Material Safety Data Sheets)	OSHA 29 CFR 1910 NAVAIR A1-NAOSH- SAF-000/P5100-1 DOD 4140.27-M Local Instr		*	/ /	* / /
A-3	Hazardous material/waste	OPNAVIST 4790.2 Local Instr		*	/ /	* / /
A-4	Safety procedures near electricity	OSHA 29 CFR 1910 NAVAIR A1-NAOSH- SAF-000/P5100-1 Local Instr	*	*	/ /	* / /
A-5	Composite material safety	OSHA 29 CFR 1910 NAVAIR A1-NAOSH- SAF-000/P5100-1			/ /	* / /

DA A.2 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A-6	Personal protective equipment (Safety/flight boots, clothing, hearing/eye protection, etc.)	OSHA 29 CFR 1910 NAVAIR A1-NAOSH-SAF-000/P5100-1 Local Instr	*	* / /	* / /	
A-7	Safety markings	OSHA 29 CFR 1910 NAVAIR A1-NAOSH-SAF-000/P5100-1 Local Instr		* / /	* / /	
B	Precautions & procedures on/around helicopters & support equipment					
B-1	Safety procedures on and around turning aircraft	OSHA 29 CFR 1910 NAVAIR A1-NAOSH-SAF-000/P5100-1 Local Instr				
B-2	Safety procedures on/near helicopter when applying or removing external electrical power	Applicable MIM's Local Instr		* / /	* / /	
B-3	Safety procedures on/near helicopter with use of hydraulic power	Applicable MIM's Local Instr		* / /	* / /	
B-4	Safety procedures on/near helicopter with ordnance, land based procedures	Applicable MIM's Local Instr		* / /	* / /	
B-5	Safety procedures on/near helicopter with ordnance, ship based procedures	Applicable MIM's Local Instr		* / /	* / /	
B-6	Safety procedures while helicopter is on jacks	Applicable MIM's Local Instr		* / /	* / /	
B-7	Safety procedures on/near helicopter maintenance platforms	Applicable MIM's Local Instr		* / /	* / /	
B-8	Safety procedures when washing helicopter	Applicable MIM's NA01-1A-509 Local Instr		* / /	* / /	
B-9	Safety procedures on/near support equipment operations	NA00-ADT-96 Local Instr		* / /	* / /	
C	Line emergency procedures					
C-1	Types of fire extinguishers	OSHA 29 CFR 1910 NAVAIR A1-NAOSH-SAF-000/P5100-1		* / /	* / /	
C-2	Emergency egress procedures	Applicable NATOPS		* / /	* / /	
C-3	Fire fighting					
C-3.1	Proper extinguishing for composite fire	Applicable MIM's		/ /	* / /	
C-3.2	Proper extinguishing for engine fire	Applicable MIM's		* / /	* / /	

DA A.2 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV	
C-3.3	Thermal runaway	NA-17-BAD-1		*	/ /	*	/ /
C-4	Emergency hand signals	NWP 52 NATOPS MANUAL		*	/ /	*	/ /
D	Hydraulic contamination	OPNAVINST 4790.2 NA01-1A-17 Local Instr		*	/ /	*	/ /
E	EMI/ESD/EMC	OPNAVINST 4790.2 Local Instr		/ /	*	/ /	
F	Emergency reclamation	Applicable MIM's NA01-1A-509 Local Instr		/ /	*	/ /	

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

A	Naval Aviation Maintenance Program (NAMP)	OPNAVINST 4790.2 series		*	/ /	*	/ /	
B	Technical Manual Program	NA00-25-100		/	/	/	/	
C	Structural Hardware Manual	NA01-1A-8		/	/	/	/	
D	Aircraft Cleaning & Corrosion Control Manual	NA01-1A-509	*	*	/ /	*	/ /	
E	Preservation of Naval Aircraft	NA15-01-500	*	/	/	*	/ /	
F	Aviation Hydraulics Manual	NA01-1A-17		*	/ /	*	/ /	
G	NATOPS Manuals	NA01-XXXX-1		/	/	*	/ /	
H	Maintenance Instruction Manuals (MIM's)	NA01-XXXX(X)-2 series		*	/ /	*	/ /	
I	Illustrated Parts Breakdown (IPB's)	NA01-XXXX(X)-4 series		*	/ /	*	/ /	
J	Maintenance Requirement Cards (MRC's)	NA01-XXXX(X)-6-X series		*	/ /	*	/ /	
K	Safety Manual	OPNAVINST P5100.21C		*	/ /	*	/ /	
L	Safety Requirements for Naval Aviation Shore Activities/Afloat activities	NAVAIR A1-NAOSH-SAF-000/P5100-1 OPNAVINST 5100-19		*	/ /	*	/ /	

DA MOS A.3 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
M	Support Equipment Manual	NA00-80T-96		/ /	* / /	
N	Pre-operational Inspection of Support Equipment	NA17-600 series NA19-600 series		* / /	* / /	
O	Applicable Ships NATOPS Manual			/ /	/ /	
P	Work Unit Code Manual	NA01-110HCE-8 NA01-H1AAC-WUC-800		* / /	* / /	
Q	Wiring Repair Manual	NA01-H1AAC-2-17		* / /	* / /	
R	Avionics Cleaning & Corrosion Control Manual	NA16-1-540	*	* / /	* / /	
S	Battery Handling	NA17-BAD-1		* / /	* / /	

A.4 Performs tasks on the helicopter using Precision Measuring Equipment (PME).

A	Operates RF wattmeter, AN/URM-120	NA A1-NAOSH-SAF-000/P5100-1		/ /	* / /	
B	Operates time domain reflectometer test set	Operators Manual	*	/ /	* / /	
C	Operates Multimeter	NA01-1A-505 Owners Manual		/ /	* / /	
D	Operates AN/PSM-25, megometer	NA01-H1AAC-2-10		/ /	* / /	
E	Operates HP201C, audio oscillator	NA01-H1AAC-2-10		/ /	* / /	
F	Operates HP6920B, D.C. MILLIVOLT source	NA01-H1AAC-2-11		/ /	/ /	
G	Operates LP523FM, low voltage power source	NA01-H1AAC-2-11		/ /	/ /	
H	Operates TACAN test set	Applicable MIM's	*	/ /	* / /	
I	Operates transponder test set	Applicable MIM's	*	/ /	* / /	
J	Operates radar warning test set	Applicable MIM's		/ /	* / /	
K	Operates magnetic compass calibration test set, electrical	Applicable MIM's		/ /	* / /	
L	Operates compass test set	Applicable MIM's		/ /	* / /	
M	Operates 21C7085G02, test unit General Electric	NA01-H1AAC-2-11		/ /	* / /	
N	Operates 39565, SCAS test set	NA01-H1AAC-2-11		/ /	* / /	
O	Operates H337	NA01-XXXXXX(X)-2		/ /	/ /	
P	Operates TTU-205	NA01-XXXXXX(X)-2		/ /	* / /	
Q	Operates H375	NA01-XXXXXX(X)-2		/ /	* / /	
R	Operates TF-20, TTU-378A/E	NA01-XXXXXX(X)-2	*	/ /	* / /	
S	Operates AN/GSM-249, fire control test set	NA01-XXXXXX(X)-2		/ /	/ /	
T	Operates AN/ALM-70, electronic countermeasures dispenser test set	NA01-H1AAC-12		/ /	* / /	
U	Operates weapons system test set	NA01-XXXXXX(X)-2		/ /	/ /	
V	Operates TTU-27E	NA01-XXXXXX(X)-2		/ /	* / /	
W	Operates VSS Test Set	NA01-XXXXXX(X)-2		/ /	/ /	

INDIVIDUAL QUALIFICATION RECORD
AIRCRAFT COMMUNICATIONS/NAVIGATION/ELECTRICAL/WEAPONS SYSTEMS TECHNICIAN (MOS 6324)

B. SCHEDULED AND UNSCHEDULED MAINTENANCE DUTIESB.1 Incorporates applicable Technical Directive changes/bulletins.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Rapid Action Minor Engineering Change (RAMEC) Proposals	NAVAIRINST 5215.10			/ /	/ /	
B	Incorporates Technical Directives Changes/Bulletins	OPNAVINST 4790.2			/ /	*	

B.2 Detects corrosion and performs Corrosion control.

A	Performs corrosion control detection, prevention, correction during all maintenance actions	NA01-1A-509 NA16-1-540			*	/ /	*	/ /	
B	Performs corrosion detection/prevention on support equipment	NA17-1-125			*	/ /	*	/ /	

B.3 Demonstrates/applies knowledge of theory of the principles of Wire repair and performs applicable organizational level maintenance on the helicopter wiring using appropriate maintenance procedures and support/test equipment.

A	Wire repair procedures	NA01-1A-505 APPLICABLE MIM'S		*	*	/ /	*	/ /	
B	Use of wire repair manuals	NA01-1A-505 APPLICABLE MIM'S		*	*	/ /	*	/ /	
C	Use of applicable tools/support equipment	NA01-1A-505 APPLICABLE MIM'S			*	/ /	*	/ /	
D	Routing of wires/wire bundles/coax cables	NA01-1A-505 APPLICABLE MIM'S				/ /	*	/ /	
E	Repair of coaxial connectors	NA01-1A-505 APPLICABLE MIM'S		*		/ /	*	/ /	
F	Repair/replacement of cannon plugs	NA01-1A-505 APPLICABLE MIM'S				/ /	*	/ /	

DA B.3 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
G	Installation of splices/terminals/end caps	NA01-1A-505 APPLICABLE MIM'S		*	/ /	*	/ /
H	Repair of shielded/non-shielded conductors	NA01-1A-505 APPLICABLE MIM'S		*	*	/ /	
I	Environmental sealing of cables/components	NA01-1A-505 APPLICABLE MIM'S			/ /	*	/ /
J	Repair/replacement of matrix modules/terminal boards	NA01-1A-505 APPLICABLE MIM'S			/ /	*	/ /
K	Installation of insulation sleeving/protective boots	NA01-1A-505 APPLICABLE MIM'S			/ /	*	/ /

B.4 Performs Organizational level maintenance on applicable systems including the removal, installation, adjustment and alignment of the system and the repair or replacement of associated components.

A	R&R relays	NA01-XXXXX(X)-2		*	/ /	*	/ /	
B	R&R indicators	NA01-XXXXX(X)-2		*	/ /	*	/ /	
C	R&R external door switches	NA01-XXXXX(X)-2		*	/ /	*	/ /	
D	R&R tach generators	NA01-XXXXX(X)-2		*	/ /	*	/ /	
E	R&R chip detectors	NA01-XXXXX(X)-2		*	/ /	*	/ /	
F	R&R pressure switches/transmitters	NA01-XXXXX(X)-2		*	/ /	*	/ /	
G	R&R temp switches/bulbs	NA01-XXXXX(X)-2		*	/ /	*	/ /	
H	R&R antennas/filters	NA01-XXXXX(X)-2		*	/ /	*	/ /	
I	R&R cockpit switches/rheostats/circuit breakers	NA01-XXXXX(X)-2		*	/ /	*	/ /	
J	R&R diodes/transmitters	NA01-XXXXX(X)-2		*	/ /	*	/ /	

UH-1N

B.5 Performs Required scheduled/unscheduled inspections on applicable systems/components per Maintenance Requirement Cards on the UH-1N helicopter.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Performs phase inspections	NA01-110HCE-6-4		/ /	* / /		
B	Performs special inspections	NA01-110HCE-6-3		/ /	* / /		
C	Performs preservation/de preservation inspections	NA01-110HCE-6-3 NA15-01-500			/ /	* / /	
D	Performs acceptance/transfer inspections	OPNAVINST 4790.2		/ /	/ /		

B.6 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Communication control system of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Communication control system	NA01-110HCE-2-12-1			* / /	* / /	
B	Functional check						
B-1	Communication control system	NA01-110HCE-2-12-1			* / /	* / /	
C	Fault isolation						
C-1	Communication control system	NA01-110HCE-2-12-1			* / /	* / /	
D	Organizational maintenance						
D-1	R&R CSC control boxes	NA01-110HCE-2-12-1			* / /	* / /	
D-2	R&R knobs on CSC boxes	NA01-110HCE-2-12-1			* / /	* / /	
D-3	R&R ICS cord, (pilot/crew)	NA01-110HCE-2-12-1			* / /	* / /	
D-4	Rebuilds ICS cord	NA01-110HCE-2-12-1			/ /	* / /	

B.7 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Radio set AN/ARC-210 system of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	AN/ARC-210 Radio sets	NA01-110HCE-2-12-1			* / /	* / /	
B	Functional check						
B-1	AN/ARC-210 Radio sets	NA01-110HCE-2-12-1			* / /	* / /	
C	Fault isolation						
C-1	AN/ARC-210 Radio sets	NA01-110HCE-2-12-1			* / /	* / /	
D	Organizational maintenance						
D-1	R&R antenna AS-3972/A	NA01-110HCE-2-12-1			* / /	* / /	
D-2	R&R antenna AV-410 rev B	NA01-110HCE-2-12-1			* / /	* / /	
D-3	R&R converter CV-4092/A	NA01-110HCE-2-12-1			* / /	* / /	
D-4	R&R mount MT 4935/ARC	NA01-110HCE-2-12-1			* / /	* / /	
D-5	R&R RT-1556/ARC-210	NA01-110HCE-2-12-1			* / /	* / /	

DA B.7 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
D-6	R&R antenna AV-2075-B	NA01-110HCE-2-12-1		*	/ /	*	/ /
D-7	R&R radio control C-11898/ARC	NA01-110HCE-2-12-1		*	/ /	*	/ /
D-8	R&R VHF ADF amplifier	NA01-110HCE-2-12-1		*	/ /	*	/ /
D-9	R&R directional antenna	NA01-110HCE-2-12-1		*	/ /	*	/ /
D-10	R&R high power amplifier	NA01-110HCE-2-12-1		*	/ /	*	/ /
D-11	R&R RF coax switch	NA01-110HCE-2-12-1		*	/ /	*	/ /
D-12	R&R SATCOM preamp/Diplexer	NA01-110HCE-2-12-1		*	/ /	*	/ /
D-13	R&R comm. #3 switch panel	NA01-110HCE-2-12-1		*	/ /	*	/ /
D-14	R&R SATCOM control box	NA01-110HCE-2-12-1		*	/ /	*	/ /

B.8 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the C-2284/CDNU -ICU-AN/APN-217(V) DOPPLER of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	C-12284/CDNU-ICU-AN/APN-217(V)	NA01-110HCE-2-12-1		*	/ /	*	/ /
B	Functional check						
B-1	C-12284/CDNU-ICU-AN/APN-217(V)	NA01-110HCE-2-12-1		*	/ /	*	/ /
C	Fault isolation						
C-1	C-12284/CDNU-ICU-AN/APN-217(V)	NA01-110HCE-2-12-1		*	/ /	*	/ /
D	Organizational maintenance						
D-1	R&R control display navigation unit	NA01-110HCE-2-12-1		*	/ /	*	/ /
D-2	R&R ICU-800	NA01-110HCE-2-12-1		*	/ /	*	/ /
D-3	Resets BIT's	NA01-110HCE-2-12-1		*	/ /	*	/ /
D-4	R&R DOPPLER RNS receiver/transmitter	NA01-110HCE-2-12-1		*	/ /	*	/ /
D-5	Channelizes radio/navigation	NA01-110HCE-2-12-1		*	/ /	*	/ /

B.9 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the AN/ASQ-215 (Digital Data Set) of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	AN/ASQ-215 (Digital Data Set)	NA01-110HCE-2-12-1		*	/ /	*	/ /
B	Functional check						
B-1	AN/ASQ-215 (Digital Data Set)	NA01-110HCE-2-12-1			/ /	*	/ /
C	Fault isolation						
C-1	AN/ASQ-215 (Digital Data Set)	NA01-110HCE-2-12-1			/ /	*	/ /
D	Organizational maintenance						
D-1	R&R data transfer module	NA01-110HCE-2-12-1		*	/ /	*	/ /
D-2	R&R interface receptacle unit	NA01-110HCE-2-12-1		*	/ /	*	/ /

B.10 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Multiplex system of the UH-1N helicopter 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	Multiplex system	NA01-110HCE-2-12-1		*	/ /	*	/ /
B	Functional check						
B-1	Multiplex system	NA01-110HCE-2-12-1		*	/ /	*	/ /
C	Fault isolation						
C-1	Multiplex system	NA01-110HCE-2-12-1		*	/ /	*	/ /
D	Organizational maintenance						
D-1	R&R multiplex coupler	NA01-110HCE-2-12-1		*	/ /	*	/ /

B.11 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Signal Data Converter (SDC) of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Signal Data Converter (SDC)	NA01-110HCE-2-12-1		*	/ /	*	/ /
B	Functional check						
B-1	Signal Data Converter (SDC)	NA01-110HCE-2-12-1		*	/ /	*	/ /
C	Fault isolation						
C-1	Signal Data Converter (SDC)	NA01-110HCE-2-12-1		*	/ /	*	/ /
D	Organizational maintenance						
D-1	R&R Signal Data Converter (SDC)	NA01-110HCE-2-12-1		*	/ /	*	/ /

B.12 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Miniaturized Airborne GPS Receiver (MAGR) system of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Miniaturized Airborne GPS Receiver (MAGR)	NA01-110HCE-2-12-1		*	/ /	*	/ /
B	Functional check						
B-1	Miniaturized Airborne GPS Receiver (MAGR)	NA01-110HCE-2-12-1		*	/ /	*	/ /
C	Fault isolation						
C-1	Miniaturized Airborne GPS Receiver (MAGR)	NA01-110HCE-2-12-1		*	/ /	*	/ /
D	Organizational maintenance						
D-1	R&R MAGR	NA01-110HCE-2-12-1		*	/ /	*	/ /
D-2	R&R MAGR battery	NA01-110HCE-2-12-1		*	/ /	*	/ /
D-3	R&R antenna	NA01-110HCE-2-12-1		*	/ /	*	/ /
D-4	R&R GPS fill panel	NA01-110HCE-2-12-1		*	/ /	*	/ /

B.13 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Navigation Thermal Imaging System (NTIS) AN/AAQ-22A** of the UH-1N helicopter 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	NTIS system	NA01-110HCE-2-12		*	/ /	*	/ /
B	Functional check						
B-1	NTIS system	NA01-110HCE-2-12		*	/ /	*	/ /
C	Fault isolation						
C-1	NTIS system	NA01-110HCE-2-12		*	/ /	*	/ /
D	Organizational maintenance						
D-1	R&R turret FLIR unit	NA01-110HCE-2-12			/ /	*	/ /
D-2	R&R CEU	NA01-110HCE-2-12		*	/ /	*	/ /
D-3	R&R HCU	NA01-110HCE-2-12		*	/ /	*	/ /
D-4	R&R VDU	NA01-110HCE-2-12		*	/ /	*	/ /
D-5	R&R VCR	NA01-110HCE-2-12		*	/ /	*	/ /

B.14 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Aviators Night Vision Imaging System Heads Up Display (ANVIS HUD) system** of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	ANVIS HUD system	NA01-110HCE-2-12		*	/ /	*	/ /
B	Functional check						
B-1	ANVIS HUD system	NA01-110HCE-2-12		*	/ /	*	/ /
C	Fault isolation						
C-1	ANVIS HUD system	NA01-110HCE-2-12		*	/ /	*	/ /
D	Organizational maintenance						
D-1	R&R control box	NA01-110HCE-2-12		*	/ /	*	/ /
D-2	R&R Signal Data Converter	NA01-110HCE-2-12		*	/ /	*	/ /

B.15 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Radar altimeter/LAWS system** of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Radar altimeter system	NA01-110HCE-2-12		*	/ /	*	/ /
B	Functional check						
B-1	Radar altimeter system	NA01-110HCE-2-12		*	/ /	*	/ /
C	Fault isolation						
C-1	Radar altimeter system	NA01-110HCE-2-12	72440		/ /	*	/ /
D	Organizational maintenance						
D-1	R&R radar altimeter receiver	NA01-110HCE-2-12	7244500		/ /	/ /	/ /

B.16 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Advanced digital TACAN system (TCN-500)** of the UH-1N helicopter 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	Advanced digital TACAN system	NA01-110HCE-2-12-1		*	/ /	*	/ /
B	Functional check						
B-1	Advanced digital TACAN system	NA01-110HCE-2-12-1		*	/ /	*	/ /
C	Fault isolation						
C-1	Advanced digital TACAN system	NA01-110HCE-2-12-1			/ /	*	/ /
D	Organizational maintenance						
D-1	R&R TACAN receiver/transmitter	NA01-110HCE-2-12-1		*	/ /	*	/ /
D-2	R&R TACAN mount	NA01-110HCE-2-12-1		*	/ /	*	/ /
D-3	R&R TACAN antenna	NA01-110HCE-2-12-1		*	/ /	*	/ /

B.17 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **IFF system** of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	IFF system	NA01-110HCE-2-12-1		*	/ /	*	/ /
A-2	KIT-1C/TSEC system	NA01-110HCE-2-12-1			/ /	*	/ /
B	Functional check						
B-1	IFF system	NA01-110HCE-2-12-1		*	/ /	*	/ /
B-2	KIT-1C/TSEC system	NA01-110HCE-2-12-1			/ /	*	/ /
C	Fault isolation						
C-1	IFF system	NA01-110HCE-2-12-1	65340		/ /	*	/ /
C-2	KIT-1C/TSEC system	NA01-110HCE-2-12-1	95Y1W		/ /	*	/ /
D	Organizational maintenance						
D-1	R&R IFF transponder	NA01-110HCE-2-12-1	6534100	*	/ /	*	/ /
D-2	R&R IFF self test unit, TS1843	NA01-110HCE-2-12-1	65Y8150		/ /	*	/ /
D-3	R&R computer	NA01-110HCE-2-12-1	95Y1W	*	/ /	*	/ /

B.18 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **KY 58/TSEC system** of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	KY58/TSEC system	NA01-110HCE-2-12-1			/ /	*	/ /
B	Functional check						
B-1	KY58/TSEC system	NA01-110HCE-2-12-1			/ /	*	/ /
C	Fault isolation						
C-1	KY58/TSEC system	NA01-110HCE-2-12-1	67231		/ /	*	/ /

DA B.18 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
D	Organizational maintenance						
D-1	R&R control boxes	NA01-110HCE-2-12-1	67231		/ /	*	
D-2	R&R computer	NA01-110HCE-2-12-1	67231		/ /	*	
D-3	Installs KY jumpers	NA01-110HCE-2-12-1	428150		/ /	*	

B.19 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Compass system of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Compass system	NA01-110HCE-2-12			/ /	*	/ /
B	Functional check						
B-1	Compass system	NA01-110HCE-2-12			/ /	*	/ /
C	Fault isolation						
C-1	Compass system	NA01-110HCE-2-12	71280		/ /	*	/ /
D	Organizational maintenance						
D-1	R&R flux valve	NA01-110HCE-2-12	71Y1N		/ /	*	/ /
D-2	R&R controller	NA01-110HCE-2-12	71283	*	/ /	*	/ /
D-3	R&R amplifier/GYRO	NA01-110HCE-2-12	71Y1M		/ /	*	/ /
D-4	Performs compass swing, electrical	NA01-110HCE-2-12	71280		/ /	*	/ /
D-5	R&R standby (wet) compass	NA01-110HCE-2-10	51R1G	*	/ /	*	/ /
D-6	Calibrate standby (wet) compass	NA01-110HCE-2-12	51R1G		/ /	*	/ /

B.20 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Aircraft survivability equipment of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	APR-39 warning system	NA01-110HCE-2-9		*	/ /	*	/ /
A-2	ALQ-144 system	NA01-110HCE-2-9		*	/ /	*	/ /
A-3	ALE-39 system	NA01-110HCE-2-9		*	/ /	*	/ /
B	Functional check						
B-1	APR-39 warning system	NA01-110HCE-2-9		*	/ /	*	/ /
B-2	ALQ-144 system	NA01-110HCE-2-9		*	/ /	*	/ /
B-3	ALE-39 system	NA01-110HCE-2-9		*	/ /	*	/ /
C	Fault isolation						
C-1	APR-39 warning system	NA01-110HCE-2-9	766W0	*	/ /	*	/ /
C-2	ALQ-144 system	NA01-110HCE-2-9	766S0	*	/ /	*	/ /
C-3	ALE-39 system	NA01-110HCE-2-9		*	/ /	*	/ /

DA B.20 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
D	Organizational maintenance						
D-1	APR-39 warning system			/ /	* / /		
D-1.1	R&R control box	NA01-110HCE-2-9	766W100	/ /	* / /		
D-1.2	R&R comparator	NA01-110HCE-2-9	766W500	/ /	* / /		
D-1.3	R&R receivers	NA01-110HCE-2-9	766W400	/ /	* / /		
D-2	ALQ-144 system			/ /	* / /		
D-2.1	R&R transmitter	NA01-110HCE-2-9	766S200	/ /	* / /		
D-2.2	R&R control box	NA01-110HCE-2-9	766S1	/ /	* / /		
D-3	ALE-39 system			/ /	* / /		
D-3.1	R&R programmer	NA01-110HCE-2-9	766M100	/ /	* / /		
D-3.2	R&R sequencer	NA01-110HCE-2-9	766M2	/ /	* / /		
D-3.3	R&R control box	NA01-110HCE-2-9	766M0	/ /	* / /		
E	APR-44 warning system	NA01-110HCE-2-9		/ /	* / /		
F	AAR-47	NA01-110HCE-2-9		/ /	* / /		
G	AUR-2	NA01-110HCE-2-9		/ /	* / /		

B.21 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Electrical power supply system of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	AC power system	NA01-110HCE-2-11		*	/ /	* / /	
A-2	DC power system	NA01-110HCE-2-11		*	/ /	* / /	
A-3	External power system	NA01-110HCE-2-11		*	/ /	* / /	
A-4	Battery system	NA01-110HCE-2-11		*	/ /	* / /	
B	Functional check						
B-1	AC power system	NA01-110HCE-2-11		*	/ /	* / /	
B-2	DC power system	NA01-110HCE-2-11		*	/ /	* / /	
B-3	External power system	NA01-110HCE-2-11		*	/ /	* / /	
B-4	Battery system	NA01-110HCE-2-11		*	/ /	* / /	
C	Fault isolation						
C-1	AC power system	NA01-110HCE-2-11	42352	*	/ /	* / /	
C-2	DC power system	NA01-110HCE-2-11	4231160	*	/ /	* / /	
C-3	External power system	NA01-110HCE-2-11	42350		/ /	* / /	
C-4	Battery system	NA01-110HCE-2-11	4231140	*	/ /	* / /	
D	Organizational maintenance						
D-1	AC power system	NA01-110HCE-2-11			/ /	/ /	
D-1.1	R&R inverters	NA01-110HCE-2-11	42352	*	/ /	* / /	
D-1.2	Adjusts inverters	NA01-110HCE-2-11	42352	*	/ /	* / /	
D-1.3	R&R 26VAC transformer	NA01-110HCE-2-11	42352		/ /	/ /	
D-2	DC power system	NA01-110HCE-2-11			/ /	/ /	
D-2.1	R&R voltage regulator	NA01-110HCE-2-11	4231160	*	/ /	* / /	
D-2.2	Adjusts voltage regulators	NA01-110HCE-2-11	4231160	*	/ /	* / /	

DA B.21 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
D-3	External power system	NA01-110HCE-2-11		/ /	/ /	/ /	
D-4	Battery system	NA01-110HCE-2-11		/ /	/ /	/ /	
D-4.1	R&R battery	NA01-110HCE-2-11	4231140	* / /	* / /	* / /	

B.22 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Starter/ignition system of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Starter system	NA01-110HCE-2-11		* / /	* / /		
B	Functional check						
B-1	Starter system	NA01-110HCE-2-11		* / /	* / /		
C	Fault isolation						
C-1	Starter system	NA01-110HCE-2-11	29H1D70	* / /	* / /		
D	Organizational maintenance						
D-1	R&R exciter box	NA01-110HCE-2-3	22CB9	* / /	* / /		
D-2	R&R exciter leads	NA01-110HCE-2-3	22CB9	* / /	* / /		
D-3	R&R starter/generator	NA01-110HCE-2-3	22CB9	* / /	* / /		

B.23 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Fuel system of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Fuel quantity indicating system	NA01-110HCE-2-10		* / /	* / /		
A-2	Fuel boost pumps system	NA01-110HCE-2-11		* / /	* / /		
A-3	Fuel flow indicating system	NA01-110HCE-2-10		* / /	* / /		
A-4	Auxiliary fuel transfer pumps system	NA01-110HCE-2-11		/ /	* / /		
B	Functional check						
B-1	Fuel quantity indicating system	NA01-110HCE-2-10		* / /	* / /		
B-2	Fuel boost pumps system	NA01-110HCE-2-11		* / /	* / /		
B-3	Fuel flow indicating system	NA01-110HCE-2-10		* / /	* / /		
B-4	Auxiliary fuel transfer pumps system	NA01-110HCE-2-11		* / /	* / /		
C	Fault isolation						
C-1	Fuel quantity indicating system	NA01-110HCE-2-10	46431	* / /	* / /		
C-2	Fuel boost pumps system	NA01-110HCE-2-11	46410	* / /	* / /		
C-3	Fuel flow indicating system	NA01-110HCE-2-10	2H1R00	* / /	* / /		
C-4	Auxiliary fuel transfer pumps system	NA01-110HCE-2-11	26420	* / /	* / /		
D	Fault isolation						
D-1	Fuel quantity indicating system	NA01-110HCE-2-10		/ /	/ /		
D-1.1	Fuel quantity indicating system	NA01-110HCE-2-10	46431	* / /	* / /		
D-1.2	R&R fuel probes	NA01-110HCE-2-10	46420	/ /	* / /		

DA B.23 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
D-1.3	R&R float switches	NA01-110HCE-2-3	4233D		/ /	* / /	
D-1.4	R&R couplers	NA01-110HCE-2-3	46429		* / /	* / /	
D-2	Fuel boost pumps system	NA01-110HCE-2-11			/ /	* / /	
D-2.1	R&R fuel flow switch	NA01-110HCE-2-3	46439		/ /	* / /	
D-3	Fuel flow indicating system	NA01-110HCE-2-11			/ /	* / /	
D-3.1	R&R fuel flow transmitter	NA01-110HCE-2-3	4233D		* / /	* / /	
D-4	Auxiliary fuel transfer pumps system	NA01-110HCE-2-11			/ /	* / /	
D-4.1	R&R auxiliary fuel switch	NA01-110HCE-2-3	4642100		* / /	* / /	
D-4.2	R&R low level switch	NA01-110HCE-2-3	4641H40		/ /	* / /	

B.24 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Oil indicating system of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Engine oil temperature indicating systems	NA01-110HCE-2-10	29H1Q10		* / /	* / /	
A-2	Oil pressure indicating system	NA01-110HCE-2-10	29H1Q10		* / /	* / /	
B	Functional check						
B-1	Engine oil temperature indicating systems	NA01-110HCE-2-10	29H1Q10		* / /	* / /	
B-2	Oil pressure indicating system	NA01-110HCE-2-10	29H1Q10		* / /	* / /	
C	Fault isolation						
C-1	Engine oil temperature indicating systems	NA01-110HCE-2-10	29H1Q10		* / /	* / /	
C-2	Oil pressure indicating system	NA01-110HCE-2-10	29H1Q10		* / /	* / /	
D	Organizational maintenance	NA01-110HCE-2-10					
D-1	R&R engine oil pressure transmitter	NA01-110HCE-2-3			* / /	* / /	
D-2	R&R engine oil temp bulb	NA01-110HCE-2-3			* / /	* / /	

B.25 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Turbine inlet temperature indicating system of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Turbine inlet temperature indicating system	NA01-110HCE-2-10			* / /	* / /	
B	Functional check						
B-1	Turbine inlet temperature indicating system	NA01-110HCE-2-10			* / /	* / /	
C	Fault isolation						
C-1	Turbine inlet temperature indicating system	NA01-110HCE-2-10	29H1P20		* / /	* / /	
D	Organizational maintenance						
D-1	R&R T-5 bias box	NA01-110HCE-2-3	22CBL		* / /	* / /	
D-2	Adjusts T-5 bias box	NA01-110HCE-2-3	22CBL		* / /	* / /	
D-3	Performs thermocouple check	NA01-110HCE-2-3	29H1P20		* / /	* / /	

B.26 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Torque pressure indicating system of the UH-1N helicopter 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	Torque pressure indicating system	NA01-110HCE-2-10		*	/ /	*	/ /
B	Functional check						
B-1	Torque pressure indicating system	NA01-110HCE-2-10		*	/ /	*	/ /
C	Fault isolation						
C-1	Torque pressure indicating system	NA01-110HCE-2-10	29H1Q20		/ /	*	/ /
D	Organizational maintenance						
D-1	R&R torque pressure transmitter	NA01-110HCE-2-10	22CC4	*	/ /	*	/ /
D-2	Calibrates dual torque system	NA01-110HCE-2-10	22CC4		/ /	*	/ /

B.27 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Air particle separator system of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Air particle separator system	NA01-110HCE-2-11		*	/ /	*	/ /
B	Functional check						
B-1	Air particle separator system	NA01-110HCE-2-11		*	/ /	*	/ /
C	Fault isolation						
C-1	Air particle separator system	NA01-110HCE-2-11	29H1A40	*	/ /	*	/ /
D	Organizational maintenance						
D-1	R&R air particle separator actuator	NA01-110HCE-2-3	29H1A40	*	/ /	*	/ /
D-2	Adjusts particle separator actuator	NA01-110HCE-2-3	29H1A40	*	/ /	*	/ /

B.28 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Idle stop system of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Idle stop system	NA01-110HCE-2-11		*	/ /	*	/ /
B	Functional check						
B-1	Idle stop system	NA01-110HCE-2-11		*	/ /	*	/ /
C	Fault isolation						
C-1	Idle stop system	NA01-110HCE-2-11	4231740	*	/ /	*	/ /
D	Organizational maintenance						
D-1	R&R idle stop solenoid	NA01-110HCE-2-3	4231740	*	/ /	*	/ /

B.29 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Governor RPM actuator system of the UH-1N helicopter 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	Governor RPM actuator system	NA01-110HCE-2-11		*	/ /	*	/ /
B	Functional check						
B-1	Governor RPM actuator system	NA01-110HCE-2-11		*	/ /	*	/ /
C	Fault isolation						
C-1	Governor RPM actuator system	NA01-110HCE-2-11	29H1F30	*	/ /	*	/ /

B.30 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Hydraulic indicating system of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Hydraulic indicating system	NA01-110HCE-2-11		*	/ /	*	/ /
B	Functional check						
B-1	Hydraulic indicating system	NA01-110HCE-2-11		*	/ /	*	/ /
C	Fault isolation						
C-1	Hydraulic indicating system	NA01-110HCE-2-11	42340	*	/ /	*	/ /
D	Organizational maintenance						
D-1	R&R hydraulic clog indicator	NA01-110HCE-2-11	42340	*	/ /	/	/

B.31 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Tachometer generator indicating system of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Tachometer generator indicating system	NA01-110HCE-2-10		*	/ /	*	/ /
B	Functional check						
B-1	Tachometer generator indicating system	NA01-110HCE-2-10		*	/ /	*	/ /
C	Fault isolation						
C-1	Tachometer generator indicating system	NA01-110HCE-2-10	29H1N20	*	/ /	*	/ /
D	Organizational maintenance						
D-1	R&R tachometer generator	NA01-110HCE-2-10		*	/ /	*	/ /

B.32 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Master caution warning system of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Master caution warning system	NA01-110HCE-2-11		*	/ /	*	/ /

DA B.32 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
B	Functional check						
B-1	Master caution warning system	NA01-110HCE-2-11			* / /	* / /	
C	Fault isolation						
C-1	Master caution warning system	NA01-110HCE-2-11	51H1500		* / /	* / /	
D	Organizational maintenance						
D-1	R&R master caution panel	NA01-110HCE-2-11	59H1500		* / /	* / /	
D-2	R&R caution advisory panel	NA01-110HCE-2-11	59H16		* / /	* / /	
D-3	R&R AAU	NA01-110HCE-2-11	59H16		/ /	* / /	

B.33 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Chip detection system of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Chip detection system	NA01-110HCE-2-11			* / /	* / /	
B	Functional check						
B-1	Chip detection system	NA01-110HCE-2-11			* / /	* / /	
C	Fault isolation						
C-1	Chip detection system	NA01-110HCE-2-11	265A400		* / /	* / /	
D	Organizational maintenance						
D-1	R&R four segment warning light	NA01-110HCE-2-11	51H1500		* / /	* / /	

B.34 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the RPM warning system of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	RPM warning system	NA01-110HCE-2-11			* / /	* / /	
B	Functional check						
B-1	RPM warning system	NA01-110HCE-2-11			* / /	* / /	
C	Fault isolation						
C-1	RPM warning system	NA01-110HCE-2-11	29R1200		* / /	* / /	
D	Organizational maintenance						
D-1	R&R RPM warning box	NA01-110HCE-2-11	29R1600		* / /	* / /	
D-2	Adjusts RPM warning box	NA01-110HCE-2-11	29R1600		* / /	* / /	

B.35 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Fire detection and warning system** of the UH-1N helicopter 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	Fire detection and warning system	NA01-110HCE-2-11		*	/ /	*	/ /
A-2	Fire extinguisher system	NA01-110HCE-2-11		*	/ /	*	/ /
B	Functional check						
B-1	Fire detection and warning system	NA01-110HCE-2-11		*	/ /	*	/ /
B-2	Fire extinguisher system	NA01-110HCE-2-11		*	/ /	*	/ /
C	Fault isolation						
C-1	Fire detection and warning system	NA01-110HCE-2-11	49560	*	/ /	*	/ /
C-1	Fire extinguisher system	NA01-110HCE-2-11	49570	*	/ /	*	/ /
D	Organizational maintenance						
D-1	R&R fire detection element	NA01-110HCE-2-11	49560	*	/ /	*	/ /
D-2	R&R fire warning amplifier	NA01-110HCE-2-11	49560	*	/ /	*	/ /
D-3	R&R Fire pull handle	NA01-110HCE-2-11	49562	*	/ /	*	/ /

B.36 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Attitude indicating system** of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Attitude indicating system	NA01-110HCE-2-10		*	/ /	*	/ /
B	Functional check						
B-1	Attitude indicating system	NA01-110HCE-2-10		*	/ /	*	/ /
C	Fault isolation						
C-1	Attitude indicating system	NA01-110HCE-2-10	57R1H	*	/ /	*	/ /
D	Organizational maintenance						
D-1	R&R displacement gyro	NA01-110HCE-2-10	56231	*	/ /	*	/ /
D-2	R&R rate switching gyro	NA01-110HCE-2-10	56X1H	*	/ /	*	/ /
D-3	R&R phase adapters	NA01-110HCE-2-10	4231100	*	/ /	*	/ /

B.37 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Force trim system** of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Force trim system	NA01-110HCE-2-11		*	/ /	*	/ /
B	Functional check						
B-1	Force trim system	NA01-110HCE-2-11		*	/ /	*	/ /
C	Fault isolation						
C-1	Force trim system	NA01-110HCE-2-11	14331	*	/ /	*	/ /
D	Organizational maintenance						
D-1	R&R mag brake/rotary actuator	NA01-110HCE-2-5	14311	*	/ /	*	/ /

B.38 Demonstrates/applies knowledge theory of operation and performs applicable organizational level maintenance on the **Stability and Control Augmentation System** of the UH-1N helicopter 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	Stability and Control Augmentation System (SCAS)	NA01-110HCE-2-12		*	/ /	*	/ /
B	Functional check						
B-1	Stability and Control Augmentation System (SCAS)	NA01-110HCE-2-12		*	/ /	*	/ /
C	Fault isolation						
C-1	Stability and Control Augmentation System (SCAS)	NA01-110HCE-2-12	575D0	*	/ /	*	/ /
D	Organizational maintenance						
D-1	R&R SCAS sensor amplifier module	NA01-110HCE-2-12	575CA00	*	/ /	*	/ /
D-2	Nulls out sensor amplifier module	NA01-110HCE-2-12	575CA00	*	/ /	*	/ /
D-3	R&R control panel	NA01-110HCE-2-12	1434211	*	/ /	*	/ /
D-4	R&R 3-rate axis gyro	NA01-110HCE-2-12	575D350	*	/ /	*	/ /
D-5	R&R interface module	NA01-110HCE-2-12	575D340	*	/ /	*	/ /

B.39 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Automatic Flight Control System (AFCS) system** of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Automatic Flight Control System (AFCS) system	NA01-110HCE-2-12		*	/ /	*	/ /
B	Functional check						
B-1	Automatic Flight Control System (AFCS) system	NA01-110HCE-2-12		*	/ /	*	/ /
C	Fault isolation						
C-1	Automatic Flight Control System (AFCS) system	NA01-110HCE-2-12	575D0	*	/ /	*	/ /
D	Organizational maintenance						
D-1	R&R synchronizer control unit	NA01-110HCE-2-12	575D200	*	/ /	*	/ /
D-2	R&R annunciator panel	NA01-110HCE-2-12	575D4	*	/ /	*	/ /
D-3	R&R control panel	NA01-110HCE-2-12	575D610	*	/ /	*	/ /
D-4	R&R barometric altitude controller	NA01-110HCE-2-12	575D5		/ /	*	/ /

B.40 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Lighting system** of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Exterior lighting system	NA01-110HCE-2-11		*	/ /	*	/ /
A-2	Interior lighting system	NA01-110HCE-2-11		*	/ /	*	/ /

DA B.40 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
B	Functional check						
B-1	Exterior lighting system	NA01-110HCE-2-11			* / /	* / /	
B-2	Interior lighting system	NA01-110HCE-2-11			* / /	* / /	
C	Fault isolation						
C-1	Exterior lighting system	NA01-110HCE-2-11	42316		* / /	* / /	
C-2	Interior lighting system	NA01-110HCE-2-11	42317E0		* / /	* / /	
D	Organizational maintenance						
D-1	Exterior lighting system						
D-1.1	R&R search light/landing light	NA01-110HCE-2-11	42316		* / /	* / /	
D-1.2	R&R exterior light	NA01-110HCE-2-11	4231Y00		* / /	* / /	
D-1.3	R&R anti-collision light	NA01-110HCE-2-11	4231C70		* / /	* / /	
D-1.4	R&R flasher unit	NA01-110HCE-2-11	42310		* / /	* / /	
D-2	Interior lighting system						
D-2.1	R&R power supplies	NA01-110HCE-2-11	4234100		* / /	* / /	
D-2.2	R&R cockpit light	NA01-110HCE-2-11	4233M20		* / /	* / /	
D-2.3	R&R bezel light	NA01-110HCE-2-11	4231Y10		* / /	* / /	

B.41 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Turn and slip indicating system of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Turn & slip indicating system	NA01-110HCE-2-10			* / /	* / /	
B	Functional check						
B-1	Turn & slip indicating system	NA01-110HCE-2-10			* / /	* / /	
C	Fault isolation						
C-1	Turn & slip indicating system	NA01-110HCE-2-10	51R1C		* / /	* / /	
D	Organizational maintenance						
D-1	R&R turn & slip indicator	NA01-110HCE-2-10	51X2H		* / /	* / /	

B.42 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Pitot-static indicator system of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Vertical speed indicating system	NA01-110HCE-2-10			* / /	* / /	
A-2	Barometric altimeter system	NA01-110HCE-2-10			* / /	* / /	
A-3	Airspeed indicator system	NA01-110HCE-2-10			/ /	* / /	
B	Functional check						
B-1	Airspeed indicator system	NA01-110HCE-2-10			* / /	* / /	
B-2	Barometric altimeter system	NA01-110HCE-2-10			* / /	* / /	
B-3	Airspeed indicator system	NA01-110HCE-2-10			/ /	* / /	

DA B.42 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
C	Fault isolation						
C-1	Airspeed indicator system	NA01-110HCE-2-10	51X1D	*	/ /	*	/ /
C-2	Barometric altimeter system	NA01-110HCE-2-10	51R12	*	/ /	*	/ /
C-3	Airspeed indicator system	NA01-110HCE-2-10			/ /	*	/ /
D	Organizational maintenance						
D-1	R&R pitot tube	NA01-110HCE-2-10	51H110	*	/ /	*	/ /
D-2	Adjusts VSI	NA01-110HCE-2-10	51R2D		/ /	*	/ /
D-3	Adjusts barometric altimeter	NA01-110HCE-2-10	51R12	*	/ /	*	/ /

B.43 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Heating/ventilating system of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Heating/ventilating system	NA01-110HCE-2-11		*	/ /	*	/ /
B	Functional check						
B-1	Heating/ventilating system	NA01-110HCE-2-11		*	/ /	*	/ /
C	Fault isolation						
C-1	Heating/ventilating system	NA01-110HCE-2-11	41310	*	/ /	*	/ /
D	Organizational maintenance						
D-1	R&R vent blower	NA01-110HCE-2-11	41347	*	/ /	*	/ /
D-2	R&R overheat switch	NA01-110HCE-2-11	41320	*	/ /	/	/
D-3	R&R aft outlet solenoid valve	NA01-110HCE-2-11	41320	*	/ /	/	/

B.44 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Windshield wiper system of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Windshield wiper system	NA01-110HCE-2-11		*	/ /	*	/ /
B	Functional check						
B-1	Windshield wiper system	NA01-110HCE-2-11		*	/ /	*	/ /
C	Fault isolation						
C-1	Windshield wiper system	NA01-110HCE-2-11	49520	*	/ /	*	/ /
D	Organizational maintenance						
D-1	R&R resistor panel	NA01-110HCE-2-11	49524	*	/ /	/	/

B.45 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Cargo hook system of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Cargo hook system	NA01-110HCE-2-11			*	/	/
B	Functional check						
B-1	Cargo hook system	NA01-110HCE-2-11			*	/	/
C	Fault isolation						
C-1	Cargo hook system	NA01-110HCE-2-11	49540		*	/	/
D	Organizational maintenance						
D-1	R&R slip ring brushes	NA01-110HCE-2-11	49540		*	/	/
D-2	R&R warning light	NA01-110HCE-2-11	49540		*	/	/

B.46 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Rescue hoist system of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Rescue hoist system	NA01-110HCE-2-11			*	/	/
B	Functional check						
B-1	Rescue hoist system	NA01-110HCE-2-7			*	/	/
C	Fault isolation						
C-1	Rescue hoist system	NA01-110HCE-2-7	49550		*	/	/
D	Organizational maintenance						
D-1	Adjusts rescue hoist switch	NA01-110HCE-2-7	4955C10		*	/	/

B.47 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Miscellaneous systems of the UH-1N helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Ice detection system	NA01-110HCE-2-11			*	/	/
A-2	PAX alarm system	NA01-110HCE-2-11			*	/	/
B	Functional check						
B-1	Ice detection system	NA01-110HCE-2-11			*	/	/
B-2	PAX alarm system	NA01-110HCE-2-11			*	/	/
C	Fault isolation						
C-1	Ice detection system	NA01-110HCE-2-11	42310		*	/	/
C-2	PAX alarm system	NA01-110HCE-2-11			*	/	/
D	Organizational maintenance						
D-1	R&R ice detector	NA01-110HCE-2-11	42310		*	/	/
D-2	R&R PAX alarm	NA01-110HCE-2-11			*	/	/
D-3	Adjusts PAX alarm	NA01-110HCE-2-11			*	/	/

AH-1W

B.48 Performs Required scheduled/unscheduled inspections on applicable systems/components per Maintenance Requirement Cards on the AH-1W helicopter.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Performs phase inspections	NA01-H1AAC-6-4		/ /	* / /		
B	Performs special inspections	NA01-H1AAC-6-3		* / /	* / /		
C	Performs preservation/depreservation	NA01-H1AAC-6-3 NA15-01-500			/ /	* / /	
D	Performs acceptance/transfer inspections	OPNAVINST 4790.2		/ /	/ /		

B.49 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the ICS system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	ICS	NA01-H1AAC-2-14		* / /	* / /		
B	Functional check						
B-1	ICS	NA01-H1AAC-2-14		* / /	* / /		
C	Fault isolation						
C-1	ICS	NA01-H1AAC-2-14		/ /	* / /		
D	Organizational maintenance						
D-1	R&R ICS control boxes	NA01-H1AAC-2-14		* / /	* / /		
D-2	R&R ICS cord	NA01-H1AAC-2-14		* / /	* / /		
D-3	Rebuilds ICS cord	NA01-H1AAC-2-14		/ /	* / /		

B.50 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the UHF/VHF radio set, AN/ARC-210(V) and T/SEC KY-58 secure voice system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	UHF/VHF radio set, AN/ARC-210(V)	NA01-H1AAC-2-14		* / /	* / /		
A-2	KY-58 T/SEC system	NA01-H1AAC-2-14		/ /	* / /		
B	Functional check						
B-1	UHF/VHF radio set, AN/ARC-210(V)	NA01-H1AAC-2-14		* / /	* / /		
B-2	KY-58 T/SEC system	NA01-H1AAC-2-14		/ /	* / /		
C	Fault isolation						
C-1	UHF/VHF radio set, AN/ARC-210(V)	NA01-H1AAC-2-14		* / /	* / /		
C-2	KY-58 T/SEC system	NA01-H1AAC-2-14		/ /	* / /		

DA B.50 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
D	Organizational maintenance						
D-1	R&R receiver/transmitter unit	NA01-H1AAC 2-14		*	/ /	*	
D-2	R&R logic unit	NA01-H1AAC 2-14		*	/ /	*	
D-3	R&R communication matrix	NA01-H1AAC 2-14		*	/ /	*	
D-4	R&R switching unit and mount	NA01-H1AAC 2-14		*	/ /	*	
D-5	R&R antenna	NA01-H1AAC 2-14		*	/ /	*	
D-6	R&R radio filter	NA01-H1AAC 2-14		*	/ /	*	
D-7	R&R TSEC unit	NA01-H1AAC 2-14		*	/ /	*	
D-8	R&R gunner UHF EMERG switch	NA01-H1AAC 2-14		*	/ /	*	

B.51 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Radar altimeter/LAWS system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Radar altimeter system	NA01-H1AAC 2-14		*	/ /	*	
B	Functional check						
B-1	Radar altimeter system	NA01-H1AAC 2-14		*	/ /	*	
C	Fault isolation						
C-1	Radar altimeter system	NA01-H1AAC 2-14			/ /	*	
D	Organizational maintenance						
D-1	R&R radar altimeter receiver/transmitter unit	NA01-H1AAC 2-14		*	/ /	*	

B.52 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the TACAN navigation set AN/ARN-153 (V) system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	TACAN AN/ARN-153(V) system	NA01-H1AAC 2-14		*	/ /	*	
B	Functional check						
B-1	TACAN AN/ARN-153(V) system	NA01-H1AAC 2-14		*	/ /	*	
C	Fault isolation						
C-1	TACAN AN/ARN-153(V) system	NA01-H1AAC 2-14		*	/ /	*	
D	Organizational maintenance						
D-1	R&R TACAN antenna	NA01-H1AAC 2-14		*	/ /	*	
D-2	R&R No.#2 nav. matrix box	NA01-H1AAC 2-14		*	/ /	*	
D-3	R&R receiver/transmitter	NA01-H1AAC 2-14		*	/ /	*	
D-4	R&R receiver/transmitter mount	NA01-H1AAC 2-14		*	/ /	*	

B.53 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the IFF system of the AH-1W helicopter 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	IFF system	NA01-H1AAC 2-14		*	/ /	*	/ /
A-2	KIT-1C/TSEC system	NA01-H1AAC 2-14		/	/	*	/ /
B	Functional check						
B-1	IFF system	NA01-H1AAC 2-14		*	/ /	*	/ /
B-2	KIT-1C/TSEC system	NA01-H1AAC 2-14		/	/	*	/ /
C	Fault isolation						
C-1	IFF system	NA01-H1AAC 2-14	653A0	/	/	*	/ /
C-2	KIT-1C/TSEC system	NA01-H1AAC 2-14	65Y1W		/ /	*	/ /
D	Organizational maintenance						
D-1	R&R IFF control box/receiver/transmitter	NA01-H1AAC 2-14	653A300	*	/ /	*	/ /
D-2	R&R computer	NA01-H1AAC 2-14	65Y1W		/ /	*	/ /
D-3	R&R antenna	NA01-H1AAC 2-14			/ /	*	/ /

B.54 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Compass system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Compass system	NA01-H1AAC 2-14		/ /	*	/ /	
B	Functional check						
B-1	Compass system	NA01-H1AAC 2-14		/ /	*	/ /	
C	Fault isolation						
C-1	Compass system	NA01-H1AAC 2-14	56230	/ /	*	/ /	
D	Organizational maintenance						
D-1	R&R flux valve	NA01-H1AAC 2-14	56X11	/ /	*	/ /	
D-2	R&R controller	NA01-H1AAC 2-14	56232	*	/ /	*	/ /
D-3	R&R amplifier	NA01-H1AAC 2-14	56234	/ /	*	/ /	
D-4	R&R gyro	NA01-H1AAC 2-14	56X2F	/ /	*	/ /	
D-5	Performs compass swing, electrical	NA01-H1AAC 2-14	56230	/ /	*	/ /	
D-6	R&R standby (wet) compass	NA01-H1AAC 2-14	56RIG	/ /	*	/ /	
D-7	Calibrate standby (wet) compass	NA01-H1AAC 2-14	56RIG	/ /	*	/ /	

B.55 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Aircraft survivability equipment of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	APR-39 warning system	NA01-H1AAC 2-14		/ /	*	/ /	
A-2	ALQ-144 system	NA01-H1AAC 2-14		/ /	*	/ /	
A-3	ALE-39 system	NA01-H1AAC 2-14		/ /	*	/ /	

DA B.55 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
B	Functional check						
B-1	APR-39 warning system	NA01-H1AAC 2-14		/ /	* / /		
B-2	ALQ-144 system	NA01-H1AAC 2-14		/ /	* / /		
B-3	ALE-39 system	NA01-H1AAC 2-14		/ /	* / /		
C	Fault isolation						
C-1	APR-39 warning system	NA01-H1AAC 2-14		/ /	* / /		
C-2	ALQ-144 system	NA01-H1AAC 2-14		/ /	* / /		
C-3	ALE-39 system	NA01-H1AAC 2-14		/ /	* / /		
D	Organizational maintenance						
D-1	APR-39 warning system			/ /	* / /		
D-1.1	R&R control box	NA01-H1AAC 2-14	766W100	/ /	* / /		
D-1.2	R&R comparator	NA01-H1AAC 2-14	766W500	/ /	* / /		
D-1.3	R&R receivers	NA01-H1AAC 2-14	766W400	/ /	* / /		
D-1.4	R&R antennas	NA01-H1AAC 2-14	766W6	/ /	* / /		
D-2	ALQ-144 system			/ /	* / /		
D-2.1	R&R transmitter	NA01-H1AAC 2-14	766S200	/ /	* / /		
D-2.2	R&R control box	NA01-H1AAC 2-14	766S1	/ /	* / /		
D-3	APR-44 warning system			/ /	* / /		
D-3.1	R&R antennas	NA01-H1AAC 2-14	766V6	/ /	/ /		
D-3.2	R&R filters	NA01-H1AAC 2-14	766V5	/ /	/ /		
D-3.3	R&R control box	NA01-H1AAC 2-14	766V300	/ /	* / /		
D-4	ALE-39 system			/ /	* / /		
D-4.1	R&R programmer	NA01-H1AAC 2-14	766M100	/ /	* / /		
D-4.2	R&R sequencer	NA01-H1AAC 2-14	766M2	/ /	* / /		
D-4.3	R&R dispenser	NA01-H1AAC 2-14	766M500	/ /	* / /		
D-4.4	R&R control box	NA01-H1AAC 2-14	766M0	/ /	* / /		

B.56 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Electrical power supply system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	AC power system	NA01-H1AAC 2-11		* / /	* / /		
A-2	DC power system	NA01-H1AAC 2-11		* / /	* / /		
A-3	External power system	NA01-H1AAC 2-11		* / /	* / /		
A-4	Battery system	NA01-H1AAC 2-11		* / /	* / /		
B	Functional check						
B-1	AC power system	NA01-H1AAC 2-11		* / /	* / /		
B-2	DC power system	NA01-H1AAC 2-11		* / /	* / /		
B-3	External power system	NA01-H1AAC 2-11		* / /	* / /		
B-4	Battery system	NA01-H1AAC 2-11		* / /	* / /		

DA B.56 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
C	Fault isolation						
C-1	AC power system	NA01-H1AAC 2-11	42352		* / /	* / /	
C-2	DC power system	NA01-H1AAC 2-11	4231160		* / /	* / /	
C-3	External power system	NA01-H1AAC 2-11	42350		* / /	* / /	
C-4	Battery system	NA01-H1AAC 2-11	4231140		* / /	* / /	
D	Organizational maintenance						
D-1	AC power system	NA01-H1AAC 2-11			/ /	/ /	
D-1.1	R&R inverter	NA01-H1AAC 2-11	42352		* / /	* / /	
D-1.2	R&R remote control circuit breaker	NA01-H1AAC 2-11	42352		* / /	* / /	
D-1.3	R&R 26VAC transformer	NA01-H1AAC 2-11	42352		* / /	/ /	
D-2	DC power system	NA01-H1AAC 2-11			/ /	/ /	
D-2.1	R&R generator	NA01-H1AAC 2-11	29H1D70		* / /	* / /	
D-2.2	R&R voltage regulator	NA01-H1AAC 2-11	4231160				
D-2.3	Adjusts voltage regulators	NA01-H1AAC 2-11	4231160		* / /	* / /	
D-3	External power system	NA01-H1AAC 2-11			/ /	/ /	
D-3.1	R&R external voltage protection relay	NA01-H1AAC 2-11	42359		* / /	/ /	
D-4	Battery system	NA01-H1AAC 2-11			/ /	/ /	
D-4.1	R&R battery	NA01-H1AAC 2-11	4231140		* / /	* / /	
D-4.2	R&R charger monitor	NA01-H1AAC 2-11	4231170		* / /	* / /	

B.57 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Starter & ignition system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Starter & ignition system	NA01-H1AAC 2-11			* / /	* / /	
B	Functional check						
B-1	Starter & ignition system	NA01-H1AAC 2-11			* / /	* / /	
C	Fault isolation						
C-1	Starter & ignition system	NA01-H1AAC 2-11	29H1D70		* / /	* / /	
D	Organizational maintenance						
D-1	R&R exciter unit	NA01-H1AAC 2-11	22CB9		* / /	* / /	
D-2	R&R exciter leads	NA01-H1AAC 2-11	22CB9		* / /	* / /	
D-3	R&R exciter plug	NA01-H1AAC 2-11	22CB270		* / /	* / /	
D-4	R&R engine electrical control unit	NA01-H1AAC 2-11	22171		* / /	* / /	
D-5	R&R alternator	NA01-H1AAC 2-11	22175		* / /	* / /	
D-6	R&R starter	NA01-H1AAC 2-11	22175		/ /	* / /	

B.58 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Fuel system of the AH-1W helicopter 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 quantity indicating system	NA01-H1AAC 2-10 NA01-H1AAC 2-11			*	/	/
A-2	Fuel boost system	NA01-H1AAC 2-11			*	/	/
A-3	Auxiliary fuel system	NA01-H1AAC 2-11			*	/	/
B	Functional check						
B-1	Fuel quantity indicating system	NA01-H1AAC 2-10 NA01-H1AAC 2-11			*	/	/
B-2	Fuel boost system	NA01-H1AAC 2-11			*	/	/
B-3	Auxiliary fuel system	NA01-H1AAC 2-11			*	/	/
C	Fault isolation						
C-1	Fuel quantity indicating system	NA01-H1AAC 2-10 NA01-H1AAC 2-11	46431		*	/	/
C-2	Fuel boost system	NA01-H1AAC 2-11	46412		*	/	/
C-3	Auxiliary fuel system	NA01-H1AAC 2-11	26420		*	/	/
D	Fault isolation						
D-1	Fuel quantity indicating system	NA01-H1AAC 2-11			/	/	/
D-1.1	Calibrates fuel quantity indicating system	NA01-H1AAC 2-10 NA01-H1AAC 2-11	46431		*	/	/
D-1.2	R&R fuel quantity probes	NA01-H1AAC 2-10 NA01-H1AAC 2-11	46420		*	/	/
D-1.3	R&R fuel low level switch	NA01-H1AAC 2-10 NA01-H1AAC 2-11	464H40		*	/	/
D-2	Auxiliary fuel system						
D-2.1	R&R auxiliary fuel compensator control unit	NA01-H1AAC 2-11	46420		*	/	/
D-2.2	R&R auxiliary fuel air interconnect solenoid	NA01-H1AAC 2-11	46420		*	/	/
D-2.3	R&R auxiliary fuel tank switch	NA01-H1AAC 2-11	46420		*	/	/
D-2.4	Adjust auxiliary fuel compensator control unit	NA01-H1AAC 2-11	46420		/	/	*

B.59 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Engine oil indicating system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Oil temperature indicating systems	NA01-H1AAC 2-10 NA01-H1AAC 2-11	29H1Q10		*	/	
A-2	Oil pressure indicating system	NA01-H1AAC 2-10 NA01-H1AAC 2-11	29H1Q10		*	/	

DA B.59 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
B	Functional check						
B-1	Oil temperature indicating systems	NA01-H1AAC 2-10 NA01-H1AAC 2-11	29H1Q10		* / /	* / /	
B-2	Oil pressure indicating system	NA01-H1AAC 2-10 NA01-H1AAC 2-11	29H1Q10		* / /	* / /	
C	Fault isolation						
C-1	Oil temperature indicating systems	NA01-H1AAC 2-10 NA01-H1AAC 2-11	29H1Q10		* / /	* / /	
C-2	Oil pressure indicating system	NA01-H1AAC 2-10 NA01-H1AAC 2-11	29H1Q10		* / /	* / /	
D	Organizational maintenance						
D-1	Oil temperature indicating systems	NA01-H1AAC 2-10 NA01-H1AAC 2-11	29H1Q10		/ /	/ /	
D-2	Oil pressure indicating system	NA01-H1AAC 2-10 NA01-H1AAC 2-11	29H1Q10		/ /	/ /	

B.60 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Measured Gas Temperature indicating system (MGT) of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Measured Gas Temperature indicating system (MGT)	NA01-H1AAC 2-10			* / /	* / /	
B	Functional check						
B-1	Measured Gas Temperature indicating system (MGT)	NA01-H1AAC 2-10			* / /	* / /	
C	Fault isolation						
C-1	Measured Gas Temperature indicating system (MGT)	NA01-H1AAC 2-10	29H1P20		* / /	* / /	
D	Organizational maintenance						
D-1	R&R engine electrical control unit	NA01-H1AAC 2-10	29H1P20		* / /	* / /	
D-2	Performs loop check	NA01-T700AMMI-210	29H1P20		* / /	* / /	

B.61 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Torque indicating system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Torque indicating system	NA01-H1AAC 2-10			* / /	* / /	
B	Functional check						
B-1	Torque indicating system	NA01-H1AAC 2-10			* / /	* / /	
C	Fault isolation						
C-1	Torque indicating system	NA01-H1AAC 2-10	29H1Q20		* / /	* / /	

DA B.61 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
D	Organizational maintenance						
D-1	R&R torque sensor	NA01-H1AAC 2-10	29H1Q20	*	/ /	*	/ /

B.62 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Idle stop system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Idle stop system	NA01-H1AAC 2-11		*	/ /	*	/ /
B	Functional check						
B-1	Idle stop system	NA01-H1AAC 2-11		*	/ /	*	/ /
C	Fault isolation						
C-1	Idle stop system	NA01-H1AAC 2-11	4231740	*	/ /	*	/ /
D	Organizational maintenance						
D-1	R&R idle stop solenoid	NA01-H1AAC 2-11	4231740	*	/ /	*	/ /

B.63 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Hydraulic indicating system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Hydraulic indicating system	NA01-H1AAC 2-10 NA01-H1AAC 2-11		*	/ /	*	/ /
B	Functional check						
B-1	Hydraulic indicating system	NA01-H1AAC 2-10 NA01-H1AAC 2-11		*	/ /	*	/ /
C	Fault isolation						
C-1	Hydraulic indicating system	NA01-H1AAC 2-10 NA01-H1AAC 2-11	42340	*	/ /	*	/ /

B.64 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the tachometer Generator indicating system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Tachometer generator indicating system	NA01-H1AAC 2-10		*	/ /	*	/ /
B	Functional check						
B-1	Tachometer generator indicating system	NA01-H1AAC 2-10		*	/ /	*	/ /

DA B.64 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
C	Fault isolation						
C-1	Tachometer generator indicating system	NA01-H1AAC 2-10	29H1N30		* / /	* / /	
D	Organizational maintenance						
D-1	R&R NG alternator	NA01-H1AAC 2-11	22176		* / /	* / /	
D-2	R&R monopole tachometer sensor	NA01-H1AAC 2-10	265A00		* / /	* / /	

B.65 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Master caution warning system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Master caution warning system	NA01-H1AAC 2-11			* / /	* / /	
B	Functional check						
B-1	Master caution warning system	NA01-H1AAC 2-11			* / /	* / /	
C	Fault isolation						
C-1	Master caution warning system	NA01-H1AAC 2-11	51H1500		* / /	* / /	
D	Organizational maintenance						
D-1	R&R pilots caution panel	NA01-H1AAC 2-11	59H1500		* / /	* / /	
D-2	R&R co-pilots caution panel	NA01-H1AAC 2-11	59H1500		* / /	* / /	
D-3	R&R 3-segment caution light	NA01-H1AAC 2-11	59H1500		* / /	/ /	
D-4	R&R AAU	NA01-H1AAC 2-11	59H1500		* / /	* / /	

B.66 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Chip detection system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Chip detection system	NA01-H1AAC 2-11			* / /	* / /	
B	Functional check						
B-1	Chip detection system	NA01-H1AAC 2-11			* / /	* / /	
C	Fault isolation						
C-1	Chip detection system	NA01-H1AAC 2-11	265A400		* / /	* / /	
D	Organizational maintenance						
D-1	R&R chip counter indicator system	NA01-H1AAC 2-11	22282		* / /	* / /	

B.67 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the RPM warning system of the AH-1W helicopter 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	RPM warning system	NA01-H1AAC 2-11		*	/ /	*	/ /
B	Functional check						
B-1	RPM warning system	NA01-H1AAC 2-11		*	/ /	*	/ /
C	Fault isolation						
C-1	RPM warning system	NA01-H1AAC 2-11	29R1200	*	/ /	*	/ /
D	Organizational maintenance						
D-1	R&R RPM warning box	NA01-H1AAC 2-11	29R1600	*	/ /	*	/ /
D-2	Adjusts RPM warning box	NA01-H1AAC 2-11	29R1600	*	/ /	*	/ /

B.68 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Fire detection and warning system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Fire detection and warning system	NA01-H1AAC 2-11		*	/ /	*	/ /
B	Functional check						
B-1	Fire detection and warning system	NA01-H1AAC 2-11		*	/ /	*	/ /
C	Fault isolation						
C-1	Fire detection and warning system	NA01-H1AAC 2-11	49560	*	/ /	*	/ /
D	Organizational maintenance						
D-1	R&R fire detection element	NA01-H1AAC 2-11	49560	*	/ /	*	/ /
D-2	R&R fire detection control unit	NA01-H1AAC 2-11	49560	*	/ /	*	/ /
D-3	R&R fire warning test switch	NA01-H1AAC 2-11	49560		/ /	/ /	/ /
D-4	R&R fire pull handle	NA01-H1AAC 2-11	49560	*	/ /	*	/ /

B.69 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Fire extinguishing system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Fire extinguishing system	NA01-H1AAC 2-11		*	/ /	*	/ /
B	Functional check						
B-1	Fire extinguishing system	NA01-H1AAC 2-11		*	/ /	*	/ /
C	Fault isolation						
C-1	Fire extinguishing system	NA01-H1AAC 2-11	49570	*	/ /	*	/ /
D	Organizational maintenance						
D-1	R&R fire extinguisher select switch	NA01-H1AAC 2-11	49562	*	/ /	/ /	/ /

B.70 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Attitude indicating system of the AH-1W helicopter 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	Attitude indicating system	NA01-H1AAC 2-10		*	/ /	*	/ /
B	Functional check						
B-1	Attitude indicating system	NA01-H1AAC 2-10		*	/ /	*	/ /
C	Fault isolation						
C-1	Attitude indicating system	NA01-H1AAC 2-10	51R1H	*	/ /	*	/ /
D	Organizational maintenance						
D-1	R&R attitude gyro	NA01-H1AAC 2-10	56231	*	/ /	*	/ /
D-2	R&R rate switching gyro	NA01-H1AAC 2-10	56X1H	*	/ /	*	/ /

B.71 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Force trim system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Force trim system	NA01-H1AAC 2-11		*	/ /	*	/ /
B	Functional check						
B-1	Force trim system	NA01-H1AAC 2-11		*	/ /	*	/ /
C	Fault isolation						
C-1	Force trim system	NA01-H1AAC 2-11	14331	*	/ /	*	/ /
D	Organizational maintenance						
D-1	R&R magnetic brake	NA01-H1AAC 2-11	14311		/ /	*	/ /

B.72 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Stability & Control Augmentation System (SCAS) of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Stability & Control Augmentation System (SCAS)	NA01-H1AAC 2-13		*	/ /	*	/ /
B	Functional check						
B-1	Stability & Control Augmentation System (SCAS)	NA01-H1AAC 2-13		*	/ /	*	/ /
C	Fault isolation						
C-1	Stability & Control Augmentation System (SCAS)	NA01-H1AAC 2-11	575C0	*	/ /	*	/ /
D	Organizational maintenance						
D-1	R&R SCAS sensor amplifier module	NA01-H1AAC 2-13	575CA00		/ /	*	/ /
D-2	R&R control motion transducer	NA01-H1AAC 2-13	1432411	*	/ /	*	/ /
D-3	R&R SCAS control panel	NA01-H1AAC 2-13	575D610		/ /	/	/ /
D-4	R&R armament compensator	NA01-H1AAC 2-13	575CC	*	/ /	/	/ /

DA B.72 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
D-5	R&R 3-rate axis gyro	NA01-H1AAC 2-13	575D350		*	/	/
D-6	Adjust sensoramp module	NA01-H1AAC 2-13	575D350		*	/	/

B.73 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Lighting system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Exterior lighting system	NA01-H1AAC 2-11			*	/	/
A-2	Interior lighting system	NA01-H1AAC 2-11			*	/	/
B	Functional check						
B-1	Exterior lighting system	NA01-H1AAC 2-11			*	/	/
B-2	Interior lighting system	NA01-H1AAC 2-11			*	/	/
C	Fault isolation						
C-1	Exterior lighting system	NA01-H1AAC 2-11	42316		*	/	/
C-2	Interior lighting system	NA01-H1AAC 2-11	42317EO		*	/	/
D	Organizational maintenance						
D-1	Exterior lighting system				/	/	/
D-1.1	R&R exterior light assembly	NA01-H1AAC 2-11	42310		*	/	/
D-1.2	R&R flasher unit	NA01-H1AAC 2-11	42310		*	/	/
D-1.3	R&R anti collision light	NA01-H1AAC 2-11	4231C70		*	/	/
D-1.4	R&R search light	NA01-H1AAC 2-11	42316		*	/	/
D-2	Interior lighting system						
D-2.1	R&R cockpit light	NA01-H1AAC 2-11	4231Y10		*	/	/
D-2.2	R&R 5-VDC power supply	NA01-H1AAC 2-11	42318D0		*	/	/
D-2.3	R&R instrument bezel	NA01-H1AAC 2-11			*	/	/

B.74 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Turn and slip indicating system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Turn & slip indicating system	NA01-H1AAC 2-10			*	/	/
B	Functional check						
B-1	Turn & slip indicating system	NA01-H1AAC 2-10			*	/	/
C	Fault isolation						
C-1	Turn & slip indicating system	NA01-H1AAC 2-10	51R1C		*	/	/
D	Organizational maintenance						
D-1	R&R rate gyro	NA01-H1AAC 2-10	51X2H		*	/	/

B.75 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Pitot-static indicator system of the AH-1W helicopter 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	Pitot static indicating system	NA01-H1AAC 2-10 NA01-H1AAC 2-11			*	/ /	*	/ /
B	Functional check							
B-1	Pitot static indicating system	NA01-H1AAC 2-10 NA01-H1AAC 2-11			*	/ /	*	/ /
C	Fault isolation							
C-1	Pitot static indicating system	NA01-H1AAC 2-10 NA01-H1AAC 2-11	51R15		*	/ /	*	/ /
D	Organizational maintenance							
D-1	R&R pitot tube	NA01-H1AAC 2-10 NA01-H1AAC 2-11	51H110		*	/ /	*	/ /
D-2	Adjusts VSI	NA01-H1AAC 2-10 NA01-H1AAC 2-11	51R2D		*	/ /	*	/ /
D-3	Adjusts barometric altimeter	NA01-H1AAC 2-10 NA01-H1AAC 2-11	51R12		*	/ /	*	/ /

B.76 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Environmental control unit system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation							
A-1	Environmental control unit system	NA01-H1AAC 2-11			*	/ /	*	/ /
B	Functional check							
B-1	Environmental control unit system	NA01-H1AAC 2-11			*	/ /	*	/ /
C	Fault isolation							
C-1	Environmental control unit system	NA01-H1AAC 2-11	41310		*	/ /	*	/ /
D	Organizational maintenance							
D-1	R&R overheat switch	NA01-H1AAC 2-11	41310		/ /		/ /	
D-2	R&R ECU solenoid	NA01-H1AAC 2-11	4134130		/ /		/ /	
D-3	R&R air conditioning switch	NA01-H1AAC 2-11	42317H0		/ /		/ /	
D-4	R&R ECU diodes	NA01-H1AAC 2-11	41310		/ /		/ /	
D-5	R&R bleed air solenoid	NA01-H1AAC 2-11	4134130		/ /		/ /	
D-6	R&R temperature sensor	NA01-H1AAC 2-11	41310		/ /		/ /	
D-7	R&R hydraulic cooler blower	NA01-H1AAC 2-11	41310		/ /	*	/ /	

B.77 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Heating/ventilating system of the AH-1W helicopter 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	Heating/ventilating system	NA01-H1AAC 2-11		*	/ /	*	/ /
B	Functional check						
B-1	Heating/ventilating system	NA01-H1AAC 2-11		*	/ /	*	/ /
C	Fault isolation						
C-1	Heating/ventilating system	NA01-H1AAC 2-11	41340	*	/ /	*	/ /
D	Organizational maintenance						
D-1	R&R vent blower	NA01-H1AAC 2-11	42340	*	/ /	/	/
D-2	R&R vent blower relay	NA01-H1AAC 2-11	42340	*	/ /	/	/
D-3	R&R ECU control relay	NA01-H1AAC 2-11	41310	*	/ /	/	/

B.78 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Rain removal system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Rain removal system	NA01-H1AAC 2-11		*	/ /	*	/ /
B	Functional check						
B-1	Rain removal system	NA01-H1AAC 2-11		*	/ /	*	/ /
C	Fault isolation						
C-1	Rain removal system	NA01-H1AAC 2-11	41380	*	/ /	*	/ /

B.79 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Instrument current limiter system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Instrument current limiter system	NA01-H1AAC 2-11		*	/ /	*	/ /
B	Functional check						
B-1	Instrument current limiter system	NA01-H1AAC 2-11		*	/ /	*	/ /
C	Fault isolation						
C-1	Instrument current limiter system	NA01-H1AAC 2-11	41380	*	/ /	*	/ /
D	Organizational maintenance						
D-1	R&R current limiter	NA01-H1AAC 2-11		*	/ /	*	/ /

B.80 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Engine anti-ice system** of the AH-1W helicopter 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 anti-ice system	NA01-H1AAC 2-11		*	/ /	*	/ /
B	Functional check						
B-1	Engine anti-ice system	NA01-H1AAC 2-11		*	/ /	*	/ /
C	Fault isolation						
C-1	Engine anti-ice system	NA01-H1AAC 2-11		*	/ /	*	/ /
D	Organizational maintenance						
D-1	R&R anti-ice delay relays	NA01-H1AAC 2-11		*	/ /	/ /	

B.81 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Engine inlet heater system** of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Engine inlet heater system	NA01-H1AAC 2-11		*	/ /	*	/ /
B	Functional check						
B-1	Engine inlet heater system	NA01-H1AAC 2-11		*	/ /	*	/ /
C	Fault isolation						
C-1	Engine inlet heater system	NA01-H1AAC 2-11	41380	*	/ /	*	/ /
D	Organizational maintenance						
D-1	R&R anti-ice control unit	NA01-H1AAC 2-11		*	/ /	/ /	

B.82 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Engine overspeed control system** of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Engine overspeed control system	NA01-H1AAC 2-11		*	/ /	*	/ /
B	Functional check						
B-1	Engine overspeed control system	NA01-H1AAC 2-11		*	/ /	*	/ /
C	Fault isolation						
C-1	Engine overspeed control system	NA01-H1AAC 2-11		*	/ /	*	/ /
D	Organizational maintenance						
D-1	R&R engine overspeed switch	NA01-H1AAC 2-11		*	/ /	/ /	

B.83 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Navy Armament Rocket Control & Delivery System (NARCADS)** of the AH-1W helicopter 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	Navy Armament Rocket Control & Delivery System (NARCADS)	NA01-H1AAC 2-12		*	/ /	*	/ /
B	Functional check						
B-1	Navy Armament Rocket Control & Delivery System (NARCADS)	NA01-H1AAC 2-12		*	/ /	*	/ /
C	Fault isolation						
C-1	Navy Armament Rocket Control & Delivery System (NARCADS)	NA01-H1AAC 2-12	74R50	*	/ /	*	/ /

B.84 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **GTK turret system** of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	GTK turret system	NA01-H1AAC 2-12		*	/ /	*	/ /
B	Functional check						
B-1	GTK turret system	NA01-H1AAC 2-12		*	/ /	*	/ /
C	Fault isolation						
C-1	GTK turret system	NA01-H1AAC 2-12	75H80	*	/ /	*	/ /

B.85 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **AIM-9 sidewinder system** of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	AIM-9 sidewinder system	NA01-H1AAC 2-12		*	/ /	*	/ /
B	Functional check						
B-1	AIM-9 sidewinder system	NA01-H1AAC 2-12		*	/ /	*	/ /
C	Fault isolation						
C-1	AIM-9 sidewinder system	NA01-H1AAC 2-12	74S60	*	/ /	*	/ /

B.86 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Helmet Sight System (HSS)** of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Helmet Sight System (HSS) system	NA01-H1AAC 2-12		*	/ /	*	/ /
B	Functional check						
B-1	Helmet Sight System (HSS) system	NA01-H1AAC 2-12		*	/ /	*	/ /

DA B.86 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
C	Fault isolation						
C-1	Helmet Sight System (HSS) system	NA01-H1AAC 2-12	74N30		* / /	* / /	
D	Organizational maintenance	NA01-H1AAC 2-12					
D-1	R&R electronic interface assembly	NA01-H1AAC 2-12	74N3200		/ /	/ /	
D-2	R&R pilot linkage	NA01-H1AAC 2-12	74N3400		/ /	/ /	
D-3	R&R gunner linkage	NA01-H1AAC 2-12	74N3500		/ /	/ /	
D-4	R&R trim control units	NA01-H1AAC 2-12	74N3600		* / /	/ /	
D-5	R&R extension cable	NA01-H1AAC 2-12	74N33		/ /	/ /	

B.87 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the TOW missile system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	TOW missile system	NA01-H1AAC 2-12			* / /	* / /	
B	Functional check						
B-1	TOW missile system	NA01-H1AAC 2-12			* / /	* / /	
C	Fault isolation						
C-1	TOW missile system	NA01-H1AAC 2-12	74N20		* / /	* / /	
D	Organizational maintenance						
D-1	R&R telescopic sight unit	NA01-H1AAC 2-12	74N2100		* / /	/ /	
D-2	R&R THCDP	NA01-H1AAC 2-12	74N2300		/ /	/ /	
D-3	R&R electronic power supply	NA01-H1AAC 2-12	74N2600		/ /	/ /	
D-4	R&R stabilization control amplifier	NA01-H1AAC 2-12	4N2200		/ /	/ /	
D-5	R&R missile command amplifier	NA01-H1AAC 2-12	74N2400		/ /	/ /	
D-6	R&R interface control unit	NA01-H1AAC 2-12	74N2400		* / /	/ /	
D-7	R&R gunner armament control panel	NA01-H1AAC 2-12	74N4400		/ /	/ /	
D-8	R&R pilot armament control panel	NA01-H1AAC 2-12	74N4500		/ /	/ /	
D-9	R&R sight hand control unit	NA01-H1AAC 2-12	74N4500		/ /	/ /	

B.88 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Heads-Up Display system (HUD) of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Heads-Up Display system (HUD)	NA01-H1AAC 2-12			* / /	* / /	
B	Functional check						
B-1	Heads-Up Display system (HUD)	NA01-H1AAC 2-12			* / /	* / /	
C	Fault isolation						
C-1	Heads-Up Display system (HUD)	NA01-H1AAC 2-12			* / /	* / /	

DA B.88 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
D	Organizational maintenance						
D-1	R&R heads-up display assembly	NA01-H1AAC 2-12			/ /	* / /	
D-2	R&R boresight mount	NA01-H1AAC 2-12			/ /	/ /	
D-3	R&R full signal processor	NA01-H1AAC 2-12			/ /	* / /	
D-4	R&R AIM-9/HUD interface	NA01-H1AAC 2-12			/ /	/ /	
D-9	R&R sight hand control	NA01-H1AAC 2-12	74N4500		/ /	/ /	

B.89 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the HELLFIRE system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	HELLFIRE system	NA01-H1AAC 2-12			* / /	* / /	
B	Functional check						
B-1	HELLFIRE system	NA01-H1AAC 2-12			* / /	* / /	
C	Fault isolation						
C-1	HELLFIRE system	NA01-H1AAC 2-12	74R50		* / /	* / /	
D	Organizational maintenance						
D-1	R&R pilot control panel	NA01-H1AAC 2-12	74R5L00		/ /	/ /	
D-2	R&R TOW/HELLFIRE control display panel	NA01-H1AAC 2-12	74R5F00		/ /	/ /	
D-3	R&R Remote HELLFIRE Electronics unit (RHE)	NA01-H1AAC 2-12	74R5K00		/ /	/ /	
D-4	R&R Multiplex Remote Terminal Unit (MRTU)	NA01-H1AAC 2-12	74R5G00		/ /	/ /	
D-5	R&R Data Link Transformer (DLT)	NA01-H1AAC 2-12	74R5J		/ /	/ /	

B.90 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Night Targeting system (NTS) of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Night Targeting system (NTS)	NA01-H1AAC 2-12			* / /	* / /	
B	Functional check						
B-1	Night Targeting system (NTS)	NA01-H1AAC 2-12			* / /	* / /	
C	Fault isolation						
C-1	Night Targeting system (NTS)	NA01-H1AAC 2-12			* / /	* / /	
D	Organizational maintenance						
D-1	R&R Laser Designator and Range System (LDRS)	NA01-H1AAC 2-12			/ /	/ /	
D-2	R&R FLIR Electronics Box (FEB)	NA01-H1AAC 2-12			/ /	/ /	
D-3	R&R Processor Electronics Box (PEB)	NA01-H1AAC 2-12			/ /	/ /	
D-4	R&R Video Cassette Recorder (VCR)	NA01-H1AAC 2-12			/ /	/ /	
D-5	R&R Cockpit Control Unit (CCU)	NA01-H1AAC 2-12			/ /	/ /	
D-6	R&R Left Hand Grip (LHG)	NA01-H1AAC 2-12			/ /	/ /	

DA B>90 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
D-7	R&R Laser Code Panel (LCP)	NA01-H1AAC 2-12		/ /	/ /	/ /	
D-8	R&R Laser Range Panel (LRP)	NA01-H1AAC 2-12		/ /	/ /	/ /	
D-9	R&R Multifunction panel (MFD)	NA01-H1AAC 2-12		/ /	/ /	/ /	
D-10	R&R laser arm and laser on annunciators	NA01-H1AAC 2-12		/ /	/ /	/ /	

B.91 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the ANVIS-HUD system of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	ANVIS-HUD system	NA01-H1AAC 2-12		*	/ /	*	/ /
B	Functional check						
B-1	ANVIS-HUD system	NA01-H1AAC 2-12		*	/ /	*	/ /
C	Fault isolation						
C-1	ANVIS-HUD system	NA01-H1AAC 2-12		*	/ /	*	/ /
D	Organizational maintenance						
D-1	R&R Helmet Display Unit (HDU)	NA01-H1AAC 2-12		/ /		/ /	
D-2	R&R Electronic Control Unit (ECU)	NA01-H1AAC 2-12		/ /		/ /	
D-3	R&R Control Unit (CU)	NA01-H1AAC 2-12		/ /		/ /	
D-4	R&R Remote Brightness Control Unit (BRT)	NA01-H1AAC 2-12		/ /		/ /	

B.92 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the AN ASQ 205/CDNU 800 of the AH-1W helicopter using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	AN ASQ 205/CDNU 800	NA01-H1AAC 2-14		*	/ /	*	/ /
B	Functional check						
B-1	AN ASQ 205/CDNU 800	NA01-H1AAC 2-14		*	/ /	*	/ /
C	Fault isolation						
C-1	AN ASQ 205/CDNU 800	NA01-H1AAC 2-14		*	/ /	*	/ /
D	Organizational maintenance						
D-1	R&R cockpit display unit	NA01-H1AAC 2-14		*	/ /	*	/ /
D-2	R&R #1 ICU	NA01-H1AAC 2-14		*	/ /	*	/ /
D-3	Channelize radio/nav	NA01-H1AAC 2-14		*	/ /	*	/ /
D-4	Resets BIT's	NA01-H1AAC 2-14		*	/ /	*	/ /
D-5	R&R #2 ICU	NA01-H1AAC 2-14		*	/ /	*	/ /

B.93 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Embedded Global Position/Inertial Navigation (EGI) CN-1689(v2) system of the AH-1W helicopter 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	EGI CN-1689(V2) system	NA01-H1AAC 2-14		*	/ /	*	/ /
B	Functional check						
B-1	EGI CN-1689(V2) system	NA01-H1AAC 2-14		*	/ /	*	/ /
C	Fault isolation						
C-1	EGI CN-1689(V2) system	NA01-H1AAC 2-14		*	/ /	*	/ /
D	Organizational maintenance						
D-1	R&R BDHI	NA01-H1AAC 2-14		*	/ /	*	/ /
D-2	R&R EGI unit batteries	NA01-H1AAC 2-14		*	/ /	*	/ /
D-3	R&R EGI unit mount	NA01-H1AAC 2-14		*	/ /	*	/ /
D-4	R&R EGI unit	NA01-H1AAC 2-14		*	/ /	*	/ /
D-5	R&R GPS antenna	NA01-H1AAC 2-14		*	/ /	*	/ /
D-6	R&R standby compass	NA01-H1AAC 2-14		*	/ /	*	/ /
D-7	Perform standby compass calibration	NA01-H1AAC 2-14		*	/ /	*	/ /

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:

IOR, MOS 6324 NAME:

APPENDIX A

DATE: May 2002

APPENDIX C
WORK CENTER SUMMARY
AIRCRAFT COMMUNICATIONS/NAGIGATION/ELECTRICAL/WEAPONS SYSTEMS TECHNICIAN (MOS 6324)

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	B.12	B.13
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IQR, MOS 6324 NAME: _____

DATE: May 2002

APPENDIX C

WORK CENTER SUMMARY

AIRCRAFT COMMUNICATIONS/NAGIGATION/ELECTRICAL/WEAPONS SYSTEMS TECHNICIAN (MOS 6324)

WORK CENTER NAME / NUMBER _____

IOR, MOS 6324 NAME:

DATE: May 2002

APPENDIX C

WORK CENTER SUMMARY

WORK CENTER NAME / NUMBER _____

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DATE: May 2002

APPENDIX C

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DATE: May 2002

APPENDIX C

WORK CENTER SUMMARY
AIRCRAFT COMMUNICATIONS/NAGIGATION/ELECTRICAL/WEAPONS SYSTEMS TECHNICIAN (MOS 6324)

WORK CENTER NAME/NUMBER _____

NAME/MOS	LEVEL	B .82	B .83	B .84	B .85	B .86	B .87	B .88	B .89	B .90	B .91	B .92	B .93
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IQR, MOS 6324 NAME: _____

APENDIX C-6

DATE: May 2002

ITSS (MATMEP) UH-1N/AH-1W

APPENDIX D

SUPPORT EQUIPMENT LICENSING RECORD

NAME / SSN

RANK	MOS
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DATE: JUNE 1994