DUTY AREA
AIRCRAFT ORDNANCE TECHNICIAN (MOS 6531)

A. GENERAL, OPERATING AND SAFETY DUTIES

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

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 theory of operation and performs organizational level **functional systems checks** utilizing the built-in-test (BIT) systems for applicable maintenance procedures.
4. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **BRU-32 and BRU-33 release and control systems** using appropriate maintenance procedures and support/test equipment.
5. 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.
6. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **bomb program select system** using appropriate maintenance procedures and support/test equipment.
7. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **aircraft master mode select system** using appropriate maintenance procedures and support/test equipment.
8. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **selective jettison/auxiliary release system** using appropriate maintenance procedures and support/test equipment.
9. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **weapon select system** using appropriate maintenance procedures and support/test equipment.
10. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Multiple Ejector Rack (MER) system** using appropriate maintenance procedures and support/test equipment.
11. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **AIM-9 (Sidewinder) weapon system** using appropriate maintenance procedures and support/test equipment.
12. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **M61A1 20MM gun system** using appropriate maintenance procedures and support/test equipment.
13. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **AIM-7 (Sparrow) release and control system** using appropriate maintenance procedures and support/test equipment.
14. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **AGM-88 (HARM) release system** using appropriate maintenance procedures and support/test equipment.
15. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **walleye guided weapon system** using appropriate maintenance procedures and support/test equipment.
16. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **AGM-84 (Harpoon) system** using appropriate maintenance procedures and support/test equipment.

17. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **AGM-65 (Maverick) system** using appropriate maintenance procedures and support/test equipment.
18. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **nuclear weapons system** using appropriate maintenance procedures and support/test equipment.
19. Performs required **scheduled/unscheduled inspections** on applicable systems/components as per maintenance requirement cards.
20. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **emergency jettison system** using appropriate maintenance procedures and support/test equipment.
21. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **rocket/dispenser firing system** using appropriate maintenance procedures and support/test equipment.
22. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the E**lectronic Countermeasures (ECM) system** using appropriate maintenance procedures and support/test equipment.
23. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Defensive Electronic Countermeasures (DECM) dispensing system** using appropriate maintenance procedures and support/test equipment.

SKILL PROGRESSION LEVEL DEFINITIONS

LEVEL I: An asterisk in Level I indicates the task is taught at the “entry level (A) School”.

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

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

LEVEL IV Used by the unit to indicate an individual is advanced in technical and supervisory functions. Prior to sign-off, all training essential and training optional task in level III must be signed-off. Only one sign-off for the duty area is required.

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

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

INDIVIDUAL DUTY AREA QUALIFICATION SUMMARY
AIRCRAFT ORDNANCE TECHNICIAN (MOS 6531)

NAME/SSN______________________________________

GRANTED MOS 6531 _______/_______
GRANTED MOS 6531 _______/_______

LEVEL II Completed _______/_______
LEVEL III Completed _______/_______
LEVEL IV Completed _______/_______

		LEVEL I	LEVEL II	LEVEL III	LEVEL IV
DUTY #	DUTY DESCRIPTION	DATE / SIGN	DATE / SIGN	DATE / SIGN	DATE / SIGN
A	GENERAL, OPERATIONAL AND SAFETY DUTIES	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX			
A.1	SUPPORT/SPECIAL EQUIPMENT	/	/	/	/
A.2	SAFETY PRECAUTIONS AND PROCEDURES	/	/	/	/
A.3	AIRCRAFT PUBLICATIONS, DIAGRAMS, SKETCHES AND DRAWINGS	/	/	/	/
A.4	PRECISION MEASURING EQUIPMENT	/	/	/	/
B	SCHEDULED AND UNSCHEDULED MAINTENANCE DUTIES	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX			
B.1	TECHNICAL DIRECTIVES CHANGES/BULLETINS	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXX	/	/
B.2	CORROSION CONTROL	/	XXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXX	/
B.3	FUNCTIONAL SYSTEMS CHECKS	XXXXXXXXXXXXXXXX	/	/	/
B.4	BRU-32 AND BRU-33 RELEASE AND CONTROL SYSTEMS	XXXXXXXXXXXXXXXX	/	/	/
B.5	ORGANIZATIONAL LEVEL MAINTENANCE	XXXXXXXXXXXXXXXX	/	/	/
B.6	BOMB PROGRAM SELECT SYSTEM	XXXXXXXXXXXXXXXX	/	/	/
B.7	AIRCRAFT MASTER MODE SELECT SYSTEM	XXXXXXXXXXXXXXXX	/	/	/
B.8	SELECTIVE JETTISON/AUXILIARY RELEASE SYSTEM	XXXXXXXXXXXXXXXX	/	/	/
B.9	WEAPON SELECT SYSTEM	XXXXXXXXXXXXXXXX	/	/	/
B.10	MULTIPLE EJECTOR RACK (MER) SYSTEM	XXXXXXXXXXXXXXXX	/	/	/
B.11	AIM-9 (SIDEWINDER) WEAPON SYSTEM	XXXXXXXXXXXXXXXX	/	/	/
B.12	M61A1 20MM GUN SYSTEM	/	/	/	/
B.13	AIM-7 (SPARROW) RELEASE AND CONTROL SYSTEM	XXXXXXXXXXXXXXXX	/	/	/
B.14	AGM-88 (HARM) RELEASE SYSTEM	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	/	/
B.15	WALLEYE GUIDED WEAPON SYSTEM	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	/
B.16	AGM-84 (HARPOON) SYSTEM	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	/
B.17	AGM-65 (MAVERICK) SYSTEM	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	/
B.18	NUCLEAR WEAPONS SYSTEM	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	/
B.19	SCHEDULED/UNSCHEDULED INSPECTIONS	/	/	/	/
B.20	EMERGENCY JETTISON SYSTEM	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	/	/
B.21	ROCKET/DISPENSER FIRING SYSTEM	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	/	/
B.22	ELECTRONIC COUNTERMEASURES SYSTEM	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	/	/
B.23	DEFENSIVE ELECTRONIC COUNTERMEASURES DISPENSING SYSTEM	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	/	/

INDIVIDUAL QUALIFICATION RECORD
AIRCRAFT ORDNANCE TECHNICIAN (MOS 6531)

A. GENERAL, OPERATING 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	Maintenance platforms	NA 19-600-19-6-1		/ /	/ /	
B	Rough terrain trailer, AM32K4/A	A1-F18AX-LWS-000	*	/ /	/ /	
C	Munitions trailer, MHU-151/M	A1-F18AX-LWS-000	*	* / /	* / /	
D	Skid trailer adapter, AERO-74A	A1-F18AX-LWS-000	*	* / /	* / /	
E	Guided missile adapter, ADU-358/E	A1-F18AX-LWS-000	*	/ /	/ /	
F	Height adapter, ADU-359/E	A1-F18AX-LWS-000	*	/ /	/ /	
G	Sidewinder cradle, MHU-61E	A1-F18AX-LWS-000	*	/ /	/ /	
H	Small universal cradle, MHU-63/E	A1-F18AX-LWS-000	*	/ /	/ /	
I	Large universal cradle, MHU-65/E	A1-F18AX-LWS-000	*	/ /	/ /	
J	Hoisting bar, AERO-64/A	A1-F18AX-LWS-000	*	/ /	/ /	
K	Link less ammunition loading system	A1-F18AX-LWS-000	*	* / /	* / /	
L	Loader ammunition transporter	A1-F18AX-LWS-000	*	* / /	* / /	
M	Conveyer system	A1-F18AX-LWS-000	*	* / /	/ /	
N	Manual hoisting bar, HLU-256E	A1-F18AX-LWS-000	*	* / /	/ /	
O	Adapter pylon	A1-F18AX-LWS-000		/ /	/ /	
P	Nitrogen receiver wrench	A1-F18AX-LWS-000		/ /	/ /	
Q	Adapter, rail gun guide	A1-F18AX-LWS-000		/ /	* / /	
R	Adapter SATS (gun pallet)	A1-F18AX-LWS-000	*	/ /	* / /	
S	External drive tool	A1-F18AX-LWS-000	*	/ /	/ /	
T	Safety/protective devices	A1-F18AX-PCM-000	*	* / /	* / /	
U	Safety pins	A1-F18AX-PCM-000	*	* / /	* / /	
V	Ground protective covers	A1-F18AX-PCM-000	*	* / /	* / /	

A.2 Demonstrates/applies applicable **safety precautions and procedures** on and around aircraft.

A	Ground occupational safety & health program in specific areas	OSHA 29 CFR 1910				
A-1	First aid procedures	Marine BST/ Essential subjects		/ /	* / /	
A-2	Use of solvents/paints/strippers (shelf life)	OSHA 29 CFR 1910 NAVAIR A1-NAOSH-SAF/P5100-1 Local Instr		/ /	* / /	
A-3	Hazardous material/waste	OSHA 29 CFR 1910 NAVAIR A1-NAOSH-SAF/P5100-1 Local Instr		/ /	* / /	
A-3.1	Composite material safety	OSHA-29 CFR 1910		/ /	* / /	
A-3.2	Beryllium component hazard	OSHA-29 CFR 1910		/ /	* / /	

DA A.2 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A-4	Safety procedures near electricity	OSHA 29 CFR 1910 NAVAIR A1-NAOSH-SAF/P5100-1 Local Instr		/ /	* / /	
A-5	Personnel protective clothing (safety/flight boots, clothing, hearing/eye protection, etc.)	OSHA 29 CFR 1910 NAVAIR A1-NAOSH-SAF/P5100-1 Local Instr		/ /	* / /	
A-6	Safety markings	OSHA 29 CFR 1910 NAVAIR A1-NAOSH-SAF/P5100-1 Local Instr		/ /	* / /	
B	Precautions and procedures on/around aircraft and support equipment	A1-F18AX-GAI-000				
B-1	Safety procedures on/around aircraft	A1-F18AX-GAI-000 Local Instr		/ /	* / /	
B-2	Safety procedures on/near aircraft with pneumatic power applied	A1-F18AX-GAI-000 Local Instr		/ /	* / /	
B-3	Safety procedures on/near aircraft when applying/removing external power	A1-F18AX-GAI-000 Local Instr		/ /	* / /	
B-3.1	Required circuit breaker position	A1-F18AX-LMM-000		* / /	* / /	
B-3.2	Cockpit controls, switches and indicators	A1-F18AX-LMM-000		* / /	* / /	
B-4	Safety procedures on/near aircraft with the use of hydraulic power	A1-F18AX-GAI-000 Local Instr		/ /	* / /	
B-5	Safety procedures on/near aircraft with ordnance loaded	A1-F18AX-GAI-000 Local Instr		/ /	* / /	
B-6	Safety procedures while aircraft are on jacks	A1-F18AX-GAI-000 Local Instr		/ /	* / /	
B-7	Safety procedures on/near aircraft maintenance stands	A1-F18AX-GAI-000 Local Instr		/ /	* / /	
B-8	Safety precautions when washing aircraft	NA 01-1A-509 Local Instr		/ /	* / /	
B-9	Safety procedures on/near support equipment operations	NA 00-80T-96		/ /	* / /	
B-10	Safety procedures when securing aircraft with protective covers/devices	A1-F18AX-LMM-000 Local Instr		/ /	* / /	
B-11	Safety procedures when installing or removing aircraft safety pins/locks	A1-F18AX-LMM-000 Local Instr		/ /	* / /	
B-12	Hazards of Electro-magnetic Radiation to Ordnance (HERO)	OPNAVINST 3565		/ /	* / /	
C	Line maintenance emergency procedures	A1-F18AX-LMM-020		* / /	* / /	
C-1	Types of fire extinguishers	NA 00-80R-14		/ /	/ /	
C-2	Emergency egress procedures	NA 00-80R-14		/ /	/ /	
C-3	Procedures when aircraft has loss of brakes	NATOPS Manual		/ /	/ /	
C-4	Fire fighting	NA 00-80R-14		/ /	/ /	
C-4.1	Proper extinguishing for hot brakes	A1-F18AX-LMM-020		/ /	/ /	
C-4.2	Proper extinguishing for engine fires	A1-F18AX-LMM-020		/ /	/ /	
C-4.3	Proper extinguishing for electrical fires	A1-F18AX-LMM-020		/ /	/ /	

DA A.2 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
C-4.4	Proper extinguishing for GTC/APU fires	A1-F18AX-LMM-020		/ /	/ /	
C-5	Emergency hand signals	NATOPS Manual		/ /	/ /	
D	Boarding ladder operation	A1-F18AX-LMM-000		* / /	* / /	
E	Electro-Magnetic Interference (EMI), Electrostatic Discharge (ESD), and Electro-Magnetic Compatibility (EMC)	OPNAVINST 4790.2 Local Instr		/ /	* / /	
F	Emergency reclamation	OPNAVINST 4790.2 NA 01-1A-509 NA 16-1-504	*	/ /	* / /	
G	Hydraulic contamination	OPNAVINST 4790.2 NA 01-1A-17 Local Instr		/ /	* / /	

A.3 Demonstrates/applies applicable **aircraft publications, diagrams, sketches, and drawings**.

A	Naval Airborne Weapons Maintenance Program (NAWMP)	OPNAVINST P8600.2		* / /	* / /	
B	General Aircraft Information (GAI)	A1-F18AX-GAI-000		* / /	* / /	
C	Aircraft Technical Manual List (AML)	A1-F18AX-AML-000		/ /	/ /	
D	Parts list index	A1-F18AX-IPB-000		/ /	/ /	
E	Airborne Weapons/Stores loading manual	A1-F18AX-LWS-000	*	* / /	* / /	
F	Maintenance Requirement Cards (MRC)	A1-F18AX-MRC-000 thru -MRC-300		* / /	* / /	
G	NATOPS Flight Manual (NFM)	A1-F18AX-NFM-000		/ /	/ /	
H	Tactical manual	A1-F18AX-TAC-000		/ /	/ /	
I	Work Unit Code (WUC) manual	A1-F18AX-WUC-800		* / /	* / /	
J	Fault Reporting Manual (FRM)	A1-F18AX-FRM-000		* / /	/ /	
K	Line maintenance procedures	A1-F18AX-LMM-000		* / /	/ /	
L	Line maintenance access doors	A1-F18AX-LMM-010		* / /	/ /	
M	Line maintenance emergency procedures	A1-F18AX-LMM-020		/ /	/ /	
N	Weapon control systems	A1-F18AX-740-XXX		* / /	* / /	
O	Gun system	A1-F18AX-750-XXX		* / /	* / /	
P	Line maintenance conditional inspection procedures	A1-F18AX-LMM-030		/ /	/ /	
Q	Plane Captain's Manual (PCM)	A1-F18AX-PCM-000		/ /	/ /	
R	Naval Aviation Maintenance Program (NAMP)	OPNAVINST 4790.2	*	/ /	/ /	
S	Hydraulic manual	NA 01-1A-17		/ /	/ /	
T	Avionics corrosion control manual	NA 01-1A-509	*	/ /	/ /	
U	Pyrotechnic Screening, Marking & Countermeasures Devices	NAVSEAOP 2213	*	/ /	* / /	
V	Ammunition afloat	NAVSEAOP 4	*	/ /	* / /	
W	Ammunition & explosives ashore	NAVSEAOP 5 VOL I	*	/ /	* / /	
X	Ammo & explosives ashore storage	NAVSEAOP 5 VOL II	*	/ /	* / /	
Y	US Navy ordnance safety precaution	NAVSEAOP 3347	*	/ /	* / /	
Z	Cartridges & cartridge actuated devices for A/C & associated equipment	NA 11-100-1.1	*	/ /	* / /	

DA A.3 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
AA	Cartridges & cart actuated devices for bomb racks/launchers, bomb dummy units & airborne missile systems	NA 11-100-1.3	*	/ /	* / /	
BB	Naval Air Systems Command Technical Manual Program	NA 00-25-100		/ /	* / /	
CC	Basic Handling & Safety Manual	NA 00-80T-96		/ /	* / /	
DD	Aircraft Cleaning & Corrosion Control Manual	NA 01-1A-509		/ /	* / /	
EE	Preservation of Naval Aircraft	NA 15-01-500		/ /	* / /	
FF	Support Equipment Corrosion Control Manual	NA 17-1-125		/ /	* / /	
GG	Tool Control Manual	NA 17-F18-1		/ /	* / /	
HH	Occupational Safety & Health Administration Manual	OSHA 29 CFR 1910		/ /	* / /	
II	Safety Requirements for Naval Aviation Ashore	NA A1-NAOSH-SAF-000/P5100.1		/ /	* / /	
JJ	Conventional Weapons Checklist	A1-F18AX-LWS-000		/ /	* / /	
KK	Chaff dispensing set, AN/ALE-39	NA 16-30ALE-29-		/ /	* / /	
LL	Navy Ammunition Logistic Code Manual	NA 11-1-116B		/ /	* / /	
MM	Ammo unserviceable, suspended, and limited use manual	TWO 24-AA-ORD-010		/ /	* / /	
NN	Nuclear weapons logistic transport checklist			/ /	/ /	

A.4 Performs tasks on the aircraft using applicable **precision measuring equipment**.

A	Operates torque wrench	A1-F18AX-740-300	*	* / /	* / /	
B	Operates aircraft firing circuit test set, AN/AWM54	A1-F18AX-750-300	*	* / /	* / /	
C	Operates W-2 test set adapter	A1-F18AX-750-300	*	* / /	/ /	
D	Operates W-3MK2 test set adapter	A1-F18AX-750-300		* / /	* / /	
E	Operates W-6 test set adapter	A1-F18AX-750-300		/ /	* / /	
F	Operates signal test adapter	A1-F18AX-750-300		* / /	* / /	
G	Operates motor fire adapter	A1-F18AX-750-300		* / /	* / /	
H	Operates breech test adapter	A1-F18AX-750-300		* / /	* / /	
I	Operates aux breech test adapter	A1-F18AX-750-300		* / /	* / /	
J	Operates aircraft weapons control test set, AN/ASM-184/B(V)-1	A1-F18AX-750-300		/ /	* / /	
K	Operates test set, AN/DSM-77/B	A1-F18AX-750-300		/ /	* / /	
L	Operates countermeasure dispenser test set, AN/ALM-70A	A1-F18AX-750-300		/ /	* / /	
M	Operates guided weapon test set, AN/DSM-139	A1-F18AX-750-300		/ /	* / /	
N	Operates weapon system test set, WE1578/4819	A1-F18AX-750-300		/ /	/ /	
O	Operates infrared source guided missile tester, TTU-304/E	A1-F18AX-LWS-000	*	/ /	* / /	
P	Operates flow meter, GMU-24A/A	A1-F18AX-LWS-000	*	* / /	* / /	

DA A.4 (Continued)

Q	Operates fuse function control test set, AN/AWM-42/A	A1-F18AX-LWS-000	*	*	/	/	*	/	/			
R	Operates guided missile test set. AN/ASM464	A1-F18AX-LWS-000			/	/		/	/			
S	Operates proximity switch control box	A1-F18AX-LWS-000		*	/	/	*	/	/			
T	Operates Simpson multimeter, 260-6XLP	TO-33A1-12-216-1 A1-F18AX-LWS-000		*	/	/	*	/	/			
U	Operates simulator test set, TS-35191DSM	A1-F18AX-LWS-000			/	/		/	/			
V	Operates aircraft weapons control test set, AN/AWM-92	A1-F18AX-LWS-000			/	/	*	/	/			
W	Operates AIM-9 missile system adapter, 74D750051-1001	A1-F18AX-LWS-000		*	/	/	*	/	/			
X	Operates AIM-7 missile system adapter, 74D750050	A1-F18AX-LWS-000		*	/	/	*	/	/			

INDIVIDUAL QUALIFICATION RECORD
AIRCRAFT ORDNANCE TECHNICIAN (MOS 6531)

B. SCHEDULED AND UNSCHEDULED MAINTENANCE DUTIES

B.1 Incorporates applicable **technical directives changes/bulletins**.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Technical directive system	NAVAIRINST 5215.8			/ /	* / /	
B	Rapid Action Minor Engineering Change (RAMEC) Proposals	NAVAIRINST 5215.10			/ /	* / /	
C	Incorporates Aircraft/Armament Changes (AAC)	OPNAVINST 4790.2			/ /	* / /	
D	Incorporates Aircraft/Armament Bulletins (AAB)	OPNAVINST 4790.2			/ /	* / /	

B.2 Detects corrosion and performs **corrosion control**.

A	Performs corrosion detection during all maintenance actions	A1-F18AX-SRM-500 NA 01-1A-509		*	/ /	/ /	
B	Performs corrosion prevention during all maintenance actions	A1-F18AX-SRM-500 NA 01-1A-509		*	/ /	/ /	
C	Performs corrective action on corrosion discrepancies	A1-F18AX-SRM-500 NA 01-1A-509		*	/ /	/ /	
D	Performs corrosion detection/prevention on support equipment	A1-F18AX-SRM-500 NA 01-1A-509			/ /	/ /	

B.3 Demonstrates/applies knowledge of theory of operation and performs organizational level **functional systems checks** utilizing the Built In Test (BIT) systems for applicable maintenance procedures.

A	Theory of operation						
A-1	Built-in-test	A1-F18AX-740-100			* / /	* / /	
B	Functional check						
B-1	Initiate BIT	A1-F18AX-740-200			* / /	* / /	
B-2	Maintenance BIT	A1-F18AX-740-200			* / /	* / /	

B.4 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **BRU-32 and BRU-33 release and control systems** 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	BRU-32	A1-F18AX-740-100			/ /	* / /	
A-2	BRU-33	A1-F18AX-740-100			/ /	* / /	
B	Functional Check						
B-1	BRU-32	A1-F18AX-740-200			/ /	/ /	
B-1.1	BRU-32 electrical fuzing	A1-F18AX-740-200			* / /	* / /	
B-1.2	BRU-32 mechanical fuzing	A1-F18AX-740-200			* / /	* / /	
B-1.3	BRU-32 emergency jettison	A1-F18AX-740-200			* / /	* / /	
B-1.4	BRU-32 release circuit	A1-F18AX-740-200			* / /	* / /	
B-2	BRU-33				/ /	/ /	
B-2.1	BRU-33 electrical fuzing	A1-F18AX-740-200			/ /	* / /	
B-2.2	BRU-33 mechanical fuzing	A1-F18AX-740-200			* / /	* / /	
B-2.3	BRU-33 emergency jettison	A1-F18AX-740-200			* / /	* / /	
B-2.4	BRU-33 release circuit	A1-F18AX-740-200			* / /	* / /	
C	Fault isolation						
C-1	BRU-32	A1-F18AX-740-200			/ /	/ /	
C-1.1	BRU-32 electrical fuzing	A1-F18AX-740-200	754CD00		/ /	* / /	
C-1.2	BRU-32 mechanical fuzing	A1-F18AX-740-200			/ /	* / /	
C-1.3	BRU-32 emergency jettison	A1-F18AX-740-200	754CD00		/ /	* / /	
C-1.4	BRU-32 release circuit	A1-F18AX-740-200	754CD00		* / /	* / /	
C-2	BRU-33				/ /	/ /	
C-2.1	BRU-33 electrical fuzing	A1-F18AX-740-200	754CE00		/ /	* / /	
C-2.2	BRU-33 mechanical fuzing	A1-F18AX-740-200			/ /	* / /	
C-2.3	BRU-33 emergency jettison	A1-F18AX-740-200	754CE00		/ /	* / /	
C-2.4	BRU-33 release circuit	A1-F18AX-740-200	754CE00		/ /	* / /	
D	Organizational maintenance						
D-1	BRU-32	A1-F18AX-740-300			/ /	/ /	
D-1.1	R&R BRU-32 installed on SUU-62	A1-F18AX-740-300	754CD00		* / /	* / /	
D-1.2	R&R BRU-32 installed on SUU-63	A1-F18AX-740-300	754CD00		* / /	* / /	
D-2	BRU-33				/ /	/ /	
D-2.1	R&R BRU-33	A1-F18AX-740-300	754CE00		* / /	* / /	

B.5 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.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Pylons						
A-1	R&R SUU-62	A1-F18AX-740-300	75E50		* / /	* / /	
A-2	R&R SUU-63 inboard station	A1-F18AX-740-300	75E5100		* / /	* / /	
A-3	R&R SUU-63 outboard station	A1-F18AX-740-300	75E5100		* / /	* / /	
B	Missile launchers						
B-1	R&R LAU-7A/5 & LAU-7A/6	A1-F18AX-740-300	751B600		* / /	* / /	
B-2	R&R LAU-115	A1-F18AX-740-300	751BD00		* / /	/ /	
B-3	R&R LAU-116	A1-F18AX-740-300	751BE00		* / /	* / /	
B-4	R&R LAU-117	A1-F18AX-740-300	751BJ		/ /	/ /	
B-5	R&R LAU-118	A1-F18AX-740-300	751BK		/ /	/ /	
C	SMS components						
C-1	R&R fuselage command signal encoder/decoder	A1-F18AX-740-300	74N1500		* / /	* / /	
C-2	R&R gun command signal encoder decoder	A1-F18AX-740-300	74N1300		* / /	* / /	
C-3	R&R wing pylon command signal encoder/decoder	A1-F18AX-740-300	74N1700		* / /	* / /	
C-4	R&R wing tip command signal encoder/decoder	A1-F18AX-740-300	74N1400		* / /	* / /	
C-5	R&R AMAC control monitor	A1-F18AX-740-300	748R1		/ /	/ /	
C-6	R&R electrical fuzing power supply AWW4	A1-F18AX-740-300	748E1		* / /	* / /	
C-7	R&R wing pylon encoder/decoder power supply	A1-F18AX-740-300	74Y4P00		/ /	/ /	
C-8	R&R armament computer	A1-F18AX-740-300			* / /	* / /	
D	R&R AN/ALE-29 dispenser	A1-F18AX-LWS-000			/ /	/ /	

B.6 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **bomb program select system** using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Bomb program select	A1-F18AX-740-100			* / /	* / /	
B	Functional check						
B-1	Bomb program select	A1-F18AX-740-200			/ /	* / /	
C	Fault isolation						
C-1	Bomb program select	A1-F18AX-740-200			/ /	* / /	

B.7 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **aircraft master mode select system** using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Aircraft master mode select	A1-F18AX-740-100			* / /	* / /	
B	Functional check						
B-1	Aircraft master mode select	A1-F18AX-740-200			/ /	* / /	
C	Fault isolation						
C-1	Aircraft master mode select	A1-F18AX-740-200			/ /	* / /	

B.8 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **selective jettison/auxiliary release system** using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Theory of operation						
A-1	Selective jettison/auxiliary release	A1-F18AX-740-100			* / /	* / /	
B	Functional check						
B-1	Selective jettison/auxiliary release	A1-F18AX-740-200			* / /	* / /	
C	Fault isolation						
C-1	Selective jettison/auxiliary release	A1-F18AX-740-200			/ /	* / /	

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

A	Theory of operation						
A-1	Weapon select system	A1-F18AX-740-100			* / /	* / /	
B	Functional check						
B-1	Weapon select system	A1-F18AX-740-200			/ /	* / /	
C	Fault isolation						
C-1	Weapon select system	A1-F18AX-740-200			/ /	* / /	

B.10 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Multiple Ejector Rack (MER) system** using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	MER operation	A1-F18AX-740-100			* / /	* / /	
B	Functional check						
B-1	MER release circuit	A1-F18AX-740-200			* / /	* / /	
C	Fault isolation						
C-1	MER release circuit	A1-F18AX-740-200	751B600		/ /	* / /	
D	Organizational maintenance						
D-1	R&R MER	A1-F18AX-740-200	75E50		* / /	* / /	

B.11 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **AIM-9 (Sidewinder) weapon system** using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	AIM-9 operation	A1-F18AX-740-100			/ /	* / /	
B	Functional check						
B-1	AIM-9 weapon system	A1-F18AX-740-200			* / /	* / /	
C	Fault isolation						
C-1	AIM-9 weapon system	A1-F18AX-740-200	751B600		/ /	* / /	

B.12 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **M61A1 20MM gun system** using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Theory of operation						
A-1	M61A1 20MM gun system	A1-F18AX-750-100			* / /	* / /	
B	Functional check						
B-1	M61A1 20MM gun system	A1-F18AX-750-200		*	* / /	* / /	
B-2	Perform operational check M61A1 20MM gun	A1-F18AX-750-200		*	* / /	* / /	
C	Fault isolation						
C-1	M61A1 20MM gun system	A1-F18AX-750-200	75H6100		/ /	* / /	
D	Organizational maintenance						
D-1	R&R M61A1 20MM gun system	A1-F18AX-750-300	75H6100		* / /	/ /	
D-2	R&R rounds limiter	A1-F18AX-750-300			/ /	* / /	
D-3	R&R 20MM gun blast diffuser assembly	A1-F18AX-750-300	75H6H		* / /	* / /	
D-4	R&R 20MM gun holdback mechanism	A1-F18AX-750-300			/ /	* / /	

B.13 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **AIM-7 (Sparrow) release and control system** using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	AIM-7 operation	A1-F18AX-740-100			/ /	* / /	
B	Functional check						
B-1	AIM-7 jettison system	A1-F18AX-740-200			* / /	* / /	
B-2	AIM-7 motor fire & battery activation	A1-F18AX-740-200			* / /	* / /	
C	Fault isolation						
C-1	AIM-7 jettison system	A1-F18AX-740-200	751BE00		/ /	* / /	
C-2	AIM-7 motor fire & battery activation	A1-F18AX-740-200	751BE00		/ /	* / /	

B.14 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **AGM-88 (HARM) release system** using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	AGM-88 operation	A1-F18AX-740-100			/ /	* / /	
B	Functional check						
B-1	AGM-88 HARM release system	A1-F18AX-740-200			/ /	* / /	
C	Fault isolation						
C-1	AGM-88 HARM release system	A1-F18AX-740-200	751BK		/ /	* / /	

B.15 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **walleye guided weapon system** using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Theory of operation						
A-1	Walleye guided weapon system	A1-F18AX-740-100			/ /	/ /	
B	Functional check						
B-1	Walleye guided weapon system	A1-F18AX-740-200			/ /	/ /	
C	Fault isolation						
C-1	Walleye guided weapon system	A1-F18AX-740-200			/ /	/ /	

B.16 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **AGM-84 (Harpoon) system** using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	AGM-84 operation	A1-F18AX-740-100			/ /	/ /	
B	Functional check						
B-1	AGM-84 Harpoon system	A1-F18AX-740-200			/ /	/ /	
C	Fault isolation						
C-1	AGM-88 Harpoon system	A1-F18AX-740-200			/ /	/ /	

B.17 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **AGM-65 (Maverick) system** using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	AGM-65 operation	A1-F18AX-740-100			/ /	/ /	
B	Functional check						
B-1	AGM-65 system	A1-F18AX-740-200			/ /	/ /	
C	Fault isolation						
C-1	AGM-65 system	A1-F18AX-740-200	751BJ		/ /	/ /	

B.18 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **nuclear weapons systems** using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Nuclear weapons operation	A1-F18AX-740-100			/ /	/ /	
B	Functional check						
B-1	Nuclear weapons operation	A1-F18AX-740-200			/ /	/ /	
C	Fault isolation						
C-1	Nuclear weapons operation	A1-F18AX-740-200			/ /	/ /	

B.19 Performs required **scheduled/unscheduled inspections** on applicable systems/components as per Maintenance Requirement Cards.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Periodic maintenance information	A1-F18AX-MRC-000		*	/ /	* / /	
B	Daily/Servicing/Special/Preservation/ Conditional Requirement	A1-F18AX-MRC-200		*	/ /	* / /	
C	Phase maintenance requirement	A1-F18AX-MRC-200			/ /	* / /	
D	Performs 14-day special inspection	A1-F18AX-MRC-200			* / /	* / /	
E	Performs 28-day special inspection	A1-F18AX-MRC-200			* / /	* / /	
F	Performs 42-day special inspection	A1-F18AX-MRC-200			/ /	* / /	
G	Performs 210-day special inspection	A1-F18AX-MRC-200			/ /	* / /	
H	Performs 364-day special inspection	A1-F18AX-MRC-200			/ /	* / /	
I	Performs 15,000 rounds gun barrel erosion check & lubrication servicing	A1-F18AX-MRC-200			/ /	* / /	
J	Performs 30,000 rounds gun removal & installation	A1-F18AX-MRC-200			/ /	* / /	
K	Performs preservation/de-preservation inspection	A1-F18AX-MRC-200			/ /	* / /	

B.20 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **emergency jettison system** using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Emergency jettison system	A1-F18AX-740-100			/ /	* / /	
B	Functional check						
B-1	Emergency jettison system	A1-F18AX-740-210			/ /	* / /	
C	Fault isolation						
C-1	Emergency jettison system	A1-F18AX-740-210	74000		/ /	* / /	

B.21 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **rocket/dispenser firing system** using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Rocket/dispenser firing system	A1-F18AX-LWS-750			/ /	* / /	
B	Functional check						
B-1	Rocket/dispenser firing system	A1-F18AX-LWS-750			/ /	* / /	
B-2	VER rocket/dispenser system	A1-F18AX-740-210			/ /	* / /	
C	Fault isolation						
C-1	Rocket/dispenser firing system	A1-F18AX-LWS-750			/ /	* / /	
C-2	VER rocket/dispenser system	A1-F18AX-740-210			/ /	* / /	

B.22 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Electronic Countermeasures (ECM) system** using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Theory of operation						
A-1	ECM system	A1-F18AX-760-100			/ /	* / /	
B	Functional check						
B-1	ECM system	A1-F18AX-760-200			/ /	* / /	
C	Fault isolation						
C-1	ECM system	A1-F18AX-760-200			/ /	* / /	
D	Organizational maintenance						
D-1	R&R ALE-39 dispensers	A1-F18AX-760-200	7665G10		/ /	* / /	
D-2	R&R dispenser housing	A1-F18AX-760-200	7665H		/ /	* / /	

B.23 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Defensive Electronic Countermeasures (DECM) dispensing system** using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	AN/ALE-39 DECM system	A1-F18AX-760-100			/ /	* / /	
A-2	AN/AAR-47 DECM interface system	A1-F18AX-760-100					
B	Functional check						
B-1	AN/ALE-39 DECM system	A1-F18AX-760-200			/ /	* / /	
B-2	AN/AAR-47 DECM interface system	A1-F18AX-760-200					
C	Organizational maintenance						
C-1	R&R MX7721/ALE-29A dispenser housing	A1-F18AX-760-300			/ /	* / /	
C-2	R&R SA-1874/ALE-39 sequencer switching units	A1-F18AX-760-200			/ /	* / /	

APPENDIX A

INDIVIDUAL EXPERIENCE DATA SHEET

INDIVIDUAL DATA

NAME:_____

SSN:_____

FORMAL SCHOOLS

SCHOOLS NAME	DATE COMPLETED

UNIT EXPERIENCE DATA

UNIT	SHOP	BILLET	FROM/TO DATES

COMMENTS:

_____

_____

_____

DATE: AUGUST 2002

APPENDIX C

WORK CENTER SUMMARY
AIRCRAFT ORDNANCE TECHNICIAN (MOS 6531)

WORK CENTER NAME/NUMBER:_____

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

DATE: AUGUST 2002

WORK CENTER SUMMARY
AIRCRAFT ORDNANCE TECHNICIAN (MOS 6531)

WORK CENTER NAME/NUMBER:_____

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

APPENDIX D

SUPPORT EQUIPMENT LICENSING RECORD

SUPPORT EQUIPMENT NOMENCLATURE	REFERENCE	PHASE I	PHASE II	LICENSED	EXPIRATION

NAME/SSN:_____ RANK:_____ MOS:_____ DATE: AUGUST 2002