EA-6B MAINTENANCE TRAINING

LESSON GUIDE NUMBER EA-6B MOS 6531 A.01

SUPPORT/SPECIAL EQUIPMENT

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A. LECTURE NUMBER: MOS 6531 A.01

B. TIME: 1 HOUR

C. DATE PREPARED: 01 Jun 2003.

D. DATE REVIEWED: On cover sheet

E. TITLE OF LECTURE: SUPPORT/SPECIAL EQUIPMENT.

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the proper operation and maintenance procedures of shop support/special equipment used on the EA-6B aircraft.

G. INSTRUCTIONAL AIDES:

1. B-1, B-4 and B-5 aircraft maintenance platforms.
2. HLU-196 bomb hoist.
3. AERO-12C bomb skid and adapters.
4. AERO-14C bomb hoist and adapters.
5. AERO-21A weapon skid and adapters.
6. AERO-33D bomb truck and adapters.
7. AERO-66A and 64A hoist bars.

H. REFERENCES:

1. NA 19-600-175-6-1.
2. NA 19-15BA-46.
3. NA 01-85AD-75.
4. NA 19-15BC-12.
5. NA 19-15BA-35.
6. NA 19-15BC-13.
7. NA 19-15BB-9.

I. PRESENTATION:

1. Present the student a thirty-minute lecture on the proper operation and maintenance procedures of support and special equipment used on the EA-6B aircraft.
2. In addition to a thirty minute presentation,
   a. Read and discuss the pertinent section(s) of reference(s) (1) thru (7).
   b. Demonstrate the proper procedures on the aircraft (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. The proper operation and maintenance procedures of support and special equipment used on the EA-6B aircraft.

K. Questions and answers:

Ask a minimum of three questions pertaining to the subject of this lesson guide.

EA-6B MAINTENANCE TRAINING

LESSON GUIDE NUMBER EA-6B MOS 6531 A.02

SAFETY PRECAUTIONS AND PROCEDURES AROUND THE AIRCRAFT AND WORKCENTER

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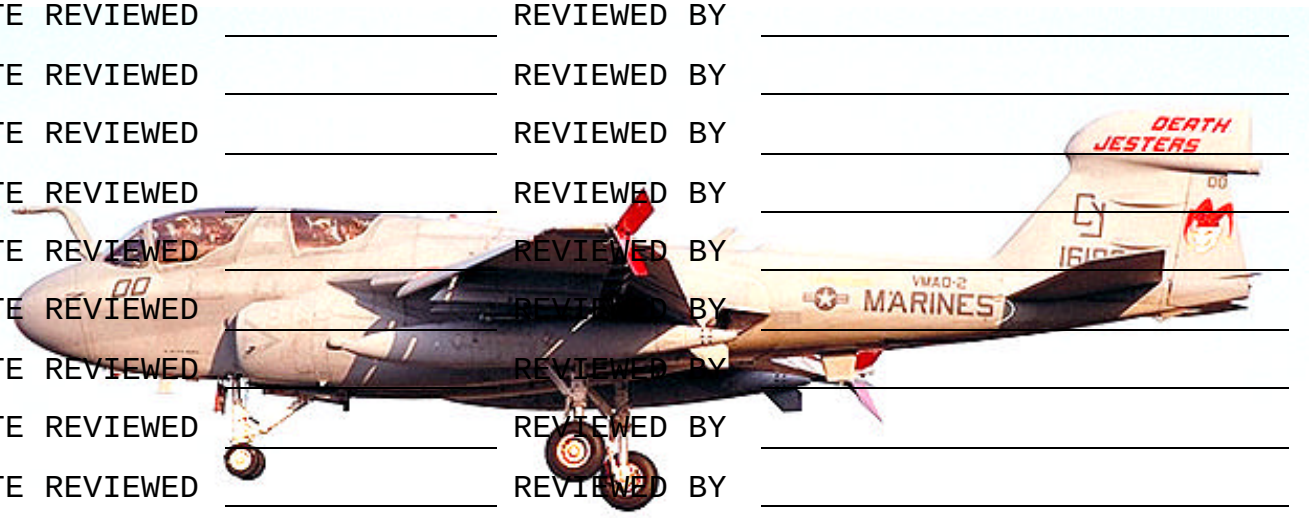

A. LECTURE NUMBER: MOS 6531 A.02

B. TIME: 1 HOUR

C. DATE PREPARED: 01 Aug. 2003

D. DATE REVIEWED: On cover sheet

E. TITLE OF LECTURE: SAFETY PRECAUTIONS AND PROCEDURES AROUND THE AIRCRAFT AND WORKCENTER

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the proper safety precautions and procedures around the EA-6B aircraft and work center.

G. INSTRUCTIONAL AIDES:

1. Applicable publications.
2. EA-6B aircraft.
3. Canopy, jettison, seat, Pod, tail and landing gear pins.
4. Applicable support equipment.
5. Aircraft securing gear.
6. Applicable PPE.
7. MSDS.

H. REFERENCES:

1. Marine Corps Common Skills Handbook.
2. Wing, group, Squadron NAMSOPS.
3. NA 01-1A-509.
4. NA A1-NAOSH-SAF-000/P5100-1.
5. NA 01-1A-540.
6. OPNAVINST 4790.2_.
7. NA 01-85ADB-2-1.
8. DOD 4140.27-M.
9. OSHA 29 CFR 1910.
10. NA 11-100-1.1.
11. NA 11-15-7.
12. NA 01-85ADC-2-1.
13. NA 01-1A-17.

I. PRESENTATION:

1. Present the student a thirty-minute lecture on the proper safety precautions and procedures around the EA-6B aircraft and work center.
2. In addition to a thirty minute presentation,
   a. Read and discuss the pertinent section(s) of reference(s) (1) thru (13).
   b. Give a thirty-minute practical application exercise.

J. SUMMARY: During this period of instruction we have covered:

1. The proper safety precautions and procedures around the EA-6B aircraft and work center.

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K. QUESTIONS:

Ask a minimum of three questions pertaining to the subject of this lesson guide.

EA-6B MAINTENANCE TRAINING

LESSON GUIDE NUMBER EA-6B MOS 6531 A.03

AIRCRAFT PUBLICATIONS, DIAGRAMS, SKETCHES AND DRAWINGS

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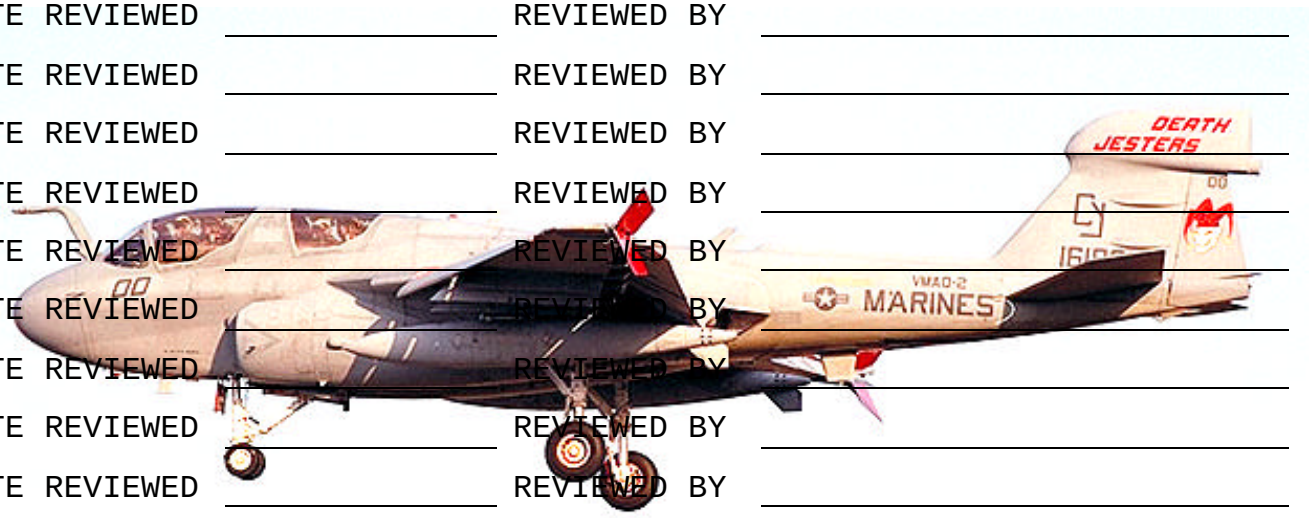

A. LECTURE NUMBER: MOS 6531 A.03

B. TIME: 1 HOUR

C. DATE PREPARED: 01 Aug. 2003

D. DATE REVIEWED: On cover sheet

E. TITLE OF LECTURE: AIRCRAFT PUBLICATIONS, DIAGRAMS, SKETCHES AND DRAWINGS

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with aircraft publications, diagrams, sketches and drawings used on the EA -6B aircraft.

G. INSTRUCTIONAL AIDES:

1. Applicable publications.

H. REFERENCES:

1. OPNAVINST 4790.2_.
2. OSHA 29 CFR 1910.
3. NA A1-NAOSH-SAF-000/P5100-1.
4. NA 01-700.
5. OP-0.
6. NA 00-25-100.
7. NA 00-25-200.
8. NA 15-01-500.
9. NA 11-100-1.
10. NA 00-80T-96.
11. NA 00-80T-103.
12. NA 1-116B.
13. NA 01-1A-509.
14. NA 01-1A-17.
15. NA 01-1A-8.
16. NA 16-1-540.
17. NA 16-1-529.
18. NA 11-5D-20.
19. NA 01-85ADC-6-3.
20. NA 01-85ADC-6-4.
21. NA 01-85ADC-75
22. NA 01-85ADC-8.
23. NA 01-85ADC-2-1.
24. NA 01-85ADC-4-1.
25. NA 01-85ADC-4-13.
26. NA 01-85ADC-2-25.5.1.
27. NA 17-1-125.
28. NAVSEAOP 5 VOL. 1, 2 & 3.
29. NAVSEAOP 4 series.
30. TWO 24-AA-ORD-010.
31. TWO 10-AA-ORD-030.
32. NA 11-15-7.
33. NAVSEAOP 2173 Vol 1 & 2.
34. NAVSUP 2002.
35. NAVSEOP 2239.

I. PRESENTATION:

1. Present the student a thirty-minute lecture on aircraft publications, diagrams, sketches and drawings used for the EA-6B aircraft.
2. In addition to a thirty minute presentation,
   a. Read and discuss the pertinent section(s) of reference(s) (1) thru (35).
   b. Give a thirty-minute practical application exercise.

J. SUMMARY: During this period of instruction we have covered:

1. Aircraft publications, diagrams, sketches and drawings used for the EA-6B aircraft.

K. QUESTIONS:

Ask a minimum of three questions pertaining to the subject of this lesson guide.

EA-6B MAINTENANCE TRAINING

LESSON GUIDE NUMBER EA-6B MOS 6531 A.04

PRECISION MEASURING EQUIPMENT (PME)

YR/MO/DAY NAME/RANK

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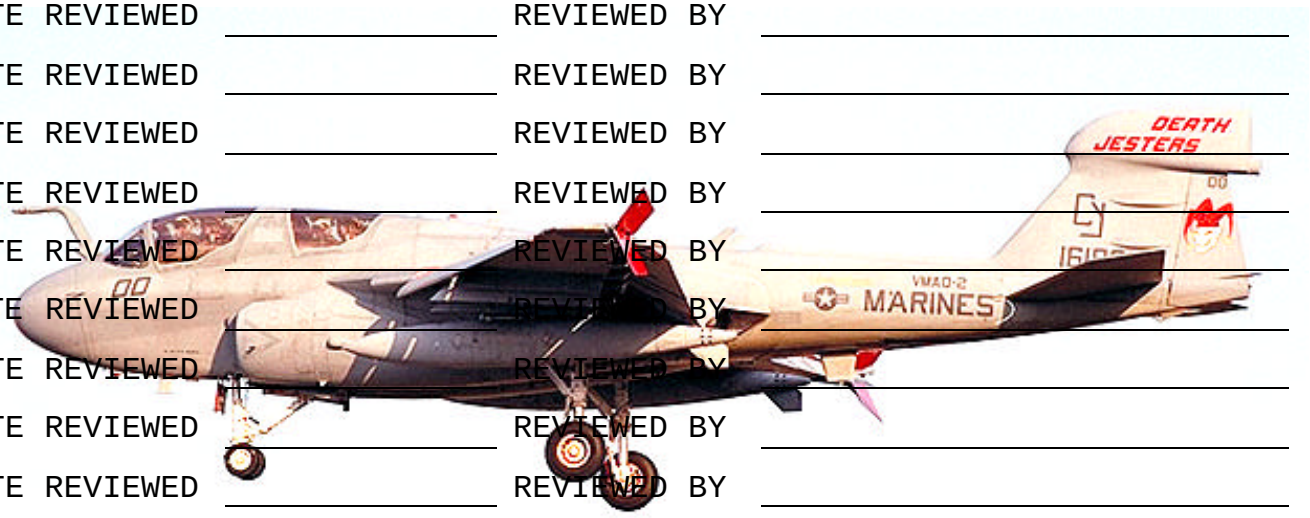

A. LECTURE NUMBER: MOS 6531 A.04

B. TIME: 1 HOUR

C. DATE PREPARED: 22 April 2003

D. DATE REVIEWED: On cover sheet

E. TITLE OF LECTURE: PRECISION MEASURING EQUIPMENT (PME)

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with Precision Measuring Equipment (PME) used on the EA-6B aircraft.

G. INSTRUCTIONAL AIDES:

1. Torque wrench.

H. REFERENCES:

1. NA 17-1-108.

I. PRESENTATION:

1. Present the student a thirty-minute lecture on the proper operation and usage of Precision Measuring Equipment (PME) used for the EA-6B aircraft.
2. In addition to a thirty minute presentation,
   a. Read and discuss the pertinent section(s) of reference(s) (1).
   b. Give a thirty-minute practical application exercise (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. Precision Measuring Equipment (PME) used for the EA-6B aircraft.

K. QUESTIONS:

Ask a minimum of three questions pertaining to the subject of this lesson guide.

EA-6B MAINTENANCE TRAINING

LESSON GUIDE NUMBER EA-6B MOS 6531 B.01

PHASE INSPECTIONS

YR/MO/DAY NAME/RANK

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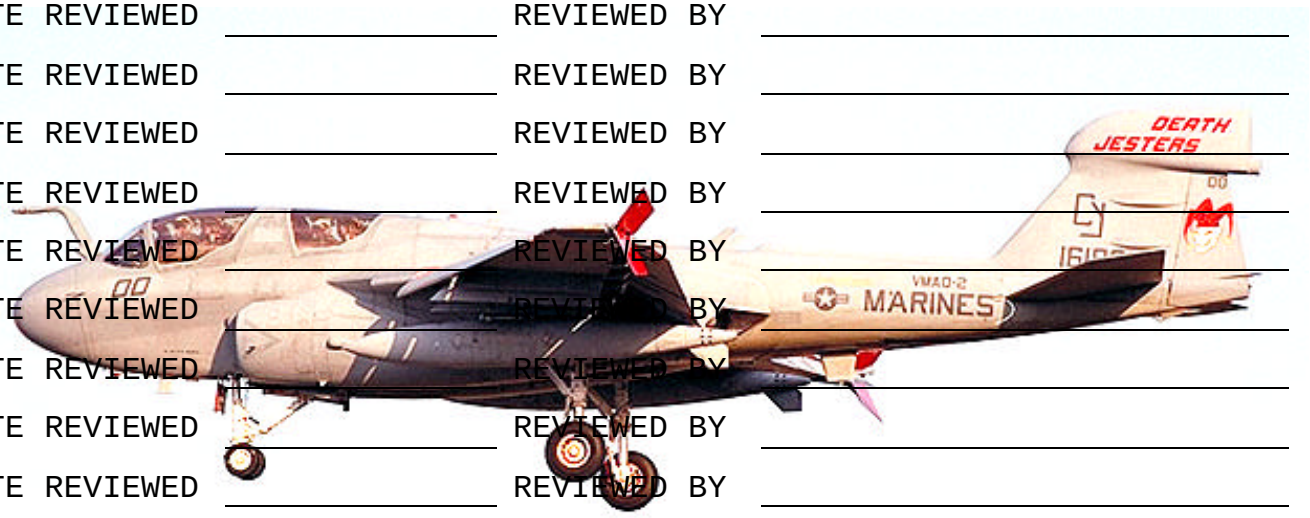

A. LECTURE NUMBER: MOS 6531 B.01

B. TIME: 1 HOUR

C. DATE PREPARED: 22 April 2003

D. DATE REVIEWED: On cover sheet

E. TITLE OF LECTURE: PHASE INSPECTIONS

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the organizational maintenance procedures for the phase inspections used on the EA-6B aircraft.

G. INSTRUCTIONAL AIDES:

1. EA-6B aircraft.
2. Applicable publications.

H. REFERENCES:

1. NA 01-85ADC-6-4.

I. PRESENTATION:

1. Present the student a thirty-minute lecture on the phase inspections used on the EA-6B aircraft.
2. In addition to a thirty minute presentation,
   a. Read and discuss the pertinent section(s) of reference (1).
   b. Give a thirty-minute practical application exercise (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. Organizational maintenance procedures for the phase inspections used on the EA-6B aircraft.

K. QUESTIONS:

Ask a minimum of three questions pertaining to the subject of this lesson guide.

EA-6B MAINTENANCE TRAINING

LESSON GUIDE NUMBER EA-6B MOS 6531 B.02

DAILY/SERVICING/PRESERVATION/CONDITIONAL INSPECTIONS

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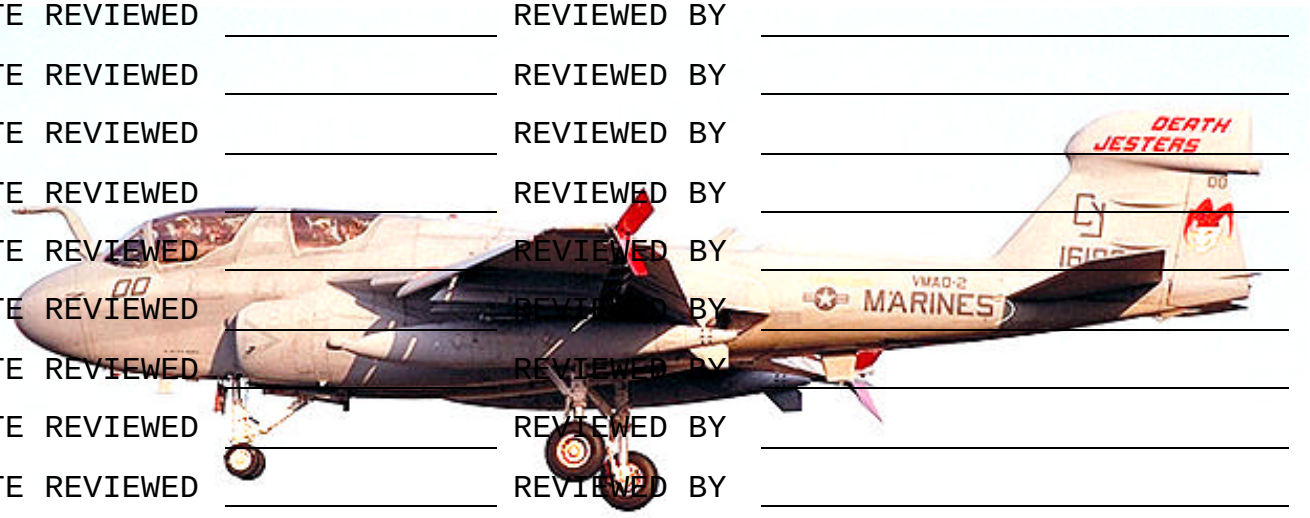

A. LECTURE NUMBER: MOS 6531 B.02

B. TIME: 1 HOUR

C. DATE PREPARED: 22 April 2003

D. DATE REVIEWED: On cover sheet

E. TITLE OF LECTURE: DAILY/SERVICING/PRESERVATION/CONDITIONAL INSPECTIONS

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the organizational maintenance procedures for the daily/servicing/preservation/conditional inspections used on the EA-6B aircraft.

G. INSTRUCTIONAL AIDES:

1. EA-6B aircraft.
2. Applicable publications.

H. REFERENCES:

1. NA 01-85ADC-6-3.
2. NA 15-01-500.

I. PRESENTATION:

1. Present the student a thirty-minute lecture on the organizational maintenance procedures for daily/servicing/preservation/conditional inspections used on the EA-6B aircraft.
2. In addition to a thirty minute presentation,
   a. Read and discuss the pertinent section(s) of reference(s) (1) and (2).
   b. Give a thirty-minute practical application exercise (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. Organizational maintenance procedures for the daily/servicing/preservation/conditional inspections used on the EA-6B aircraft.

K. QUESTIONS:

Ask a minimum of three questions pertaining to the subject of this lesson guide.

EA-6B MAINTENANCE TRAINING

LESSON GUIDE NUMBER EA-6B MOS 6531 B.03

TECHNICAL DIRECTIVES CHANGES/BULLETINS

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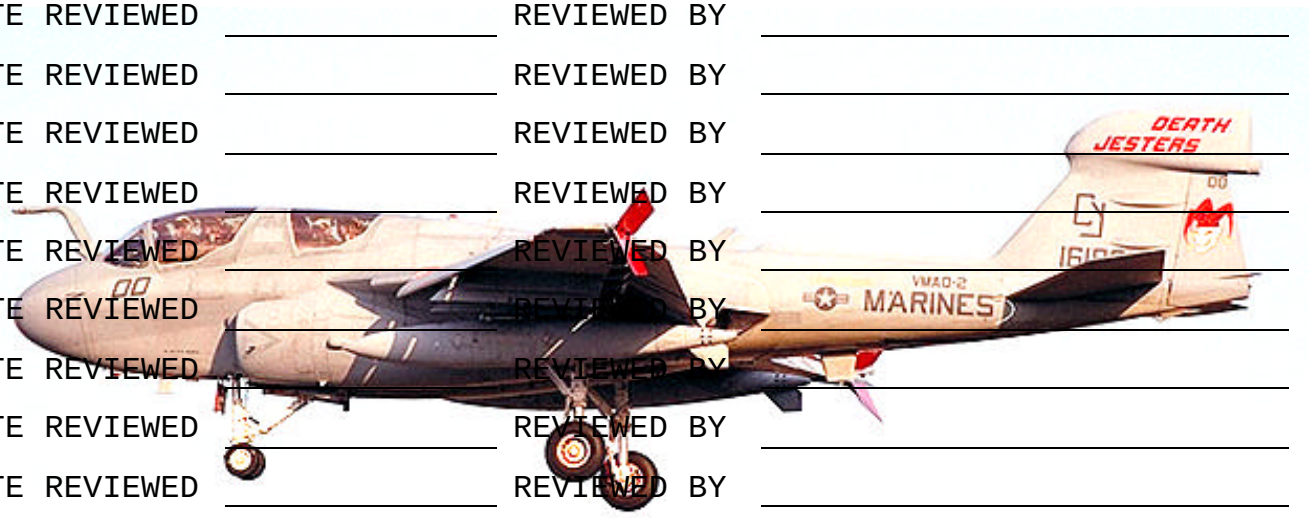

A. LECTURE NUMBER: MOS 6531 B.03

B. TIME: 1 HOUR

C. DATE PREPARED: 22 April 2003

D. DATE REVIEWED: On cover sheet

E. TITLE OF LECTURE: TECHNICAL DIRECTIVES CHANGES/BULLETINS

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the purpose and implementation of organizational level technical directives changes/bulletins used on the EA-6B aircraft.

G. INSTRUCTIONAL AIDES:

1. Applicable publications.

H. REFERENCES:

1. OPNAVINST 4790.2_.
2. NA 00-25-300.
3. NAVAIRINST 5215.10.

I. PRESENTATION:

1. Present the student a thirty-minute classroom lecture on the purpose and implementation of organizational level technical directives changes/bulletins used on the EA-6B aircraft.
2. In addition to a thirty minute presentation,
   a. Read and discuss the pertinent section(s) of reference(s) (1) thru (3).
   b. Demonstrate the proper procedures for reading and incorporating a technical directive.
   c. Demonstrate the proper procedures for VIDS/MAF documentation of a technical directive.

J. SUMMARY: During this period of instruction we have covered:

1. The purpose and implementation of organizational level technical directives changes/bulletins used on the EA-6B aircraft.

K. QUESTIONS:

Ask a minimum of three questions pertaining to the subject of this lesson guide.

EA-6B MAINTENANCE TRAINING

LESSON GUIDE NUMBER EA-6B MOS 6531 B.04

CORROSION DETECTION AND CONTROL

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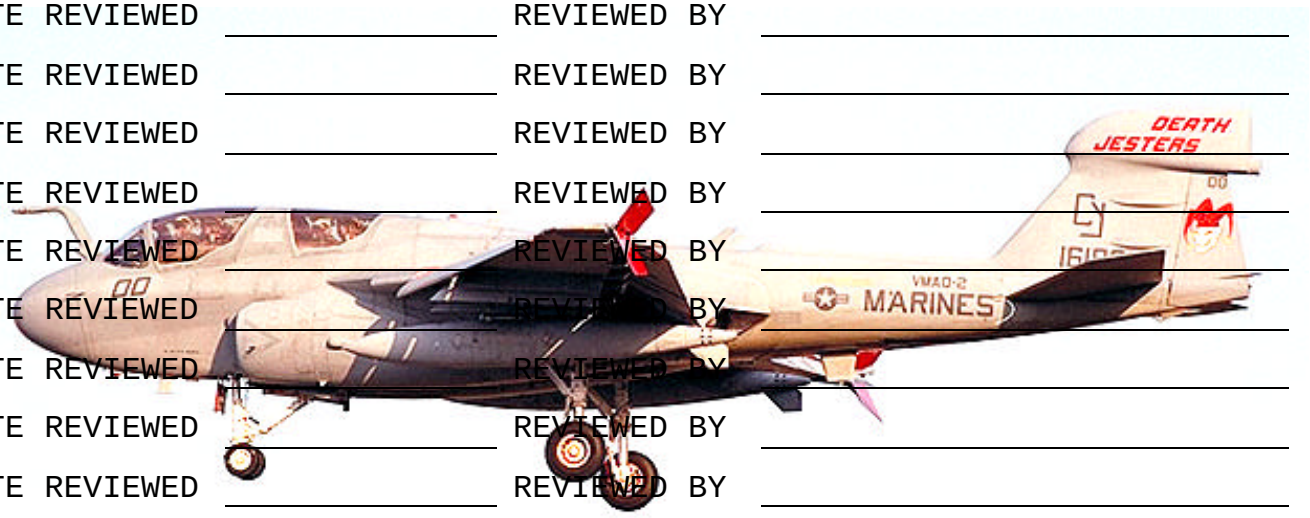

A. LECTURE NUMBER: MOS 6531 B.04

B. TIME: 1 HOUR

C. DATE PREPARED: 22 April 2003

D. DATE REVIEWED: On cover sheet

E. TITLE OF LECTURE: CORROSION DETECTION AND CONTROL

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the organizational maintenance level maintenance procedures for corrosion detection and control used on the EA-6B aircraft.

G. INSTRUCTIONAL AIDES:

1. EA-6B aircraft.
2. Applicable support equipment.

H. REFERENCES:

1. NA 15-01-500.
2. NA 01-1A-509.
3. NA 01-85ADC-6-3.
4. NA 17-1-125.
5. NA 16-1-540.

I. PRESENTATION:

1. Present the student a thirty-minute classroom lecture on the organizational level maintenance procedures for corrosion detection and control used on the EA-6B aircraft.
2. In addition to a thirty minute presentation,
   a. Read and discuss the pertinent section(s) of reference(s) (1) thru (5).
   b. Demonstrate the proper procedures on the aircraft (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. The organizational level maintenance procedures for corrosion detection and control used on the EA-6B aircraft.

K. QUESTIONS:

Ask a minimum of three questions pertaining to the subject of this lesson guide.

EA-6B MAINTENANCE TRAINING

LESSON GUIDE NUMBER EA-6B MOS 6531 B.05

AGM-88 HARM MISSILE SYSTEM

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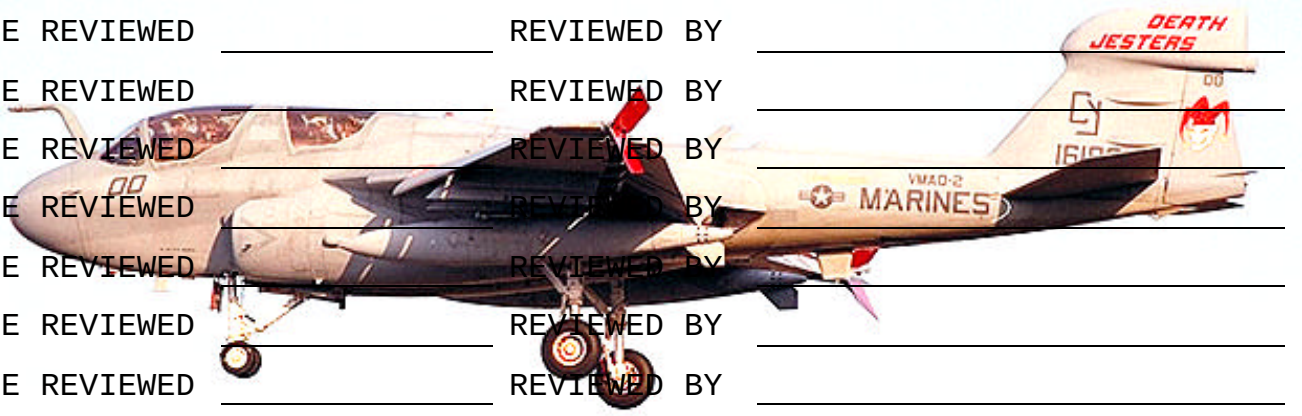

A. LECTURE NUMBER: MOS 6531 B.05

B. TIME: 1 HOUR

C. DATE PREPARED: 22 April 2003

D. DATE REVIEWED: On cover sheet

E. TITLE OF LECTURE: AGM-88 HARM MISSILE SYSTEM

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the theory of operation, functional check, fault isolation and organizational maintenance procedures for the AGM-88 HARM missile system on the EA-6B aircraft.

G. INSTRUCTIONAL AIDES:

1. EA-6B aircraft.
2. Applicable publications.

H. REFERENCES:

1. NA 01-85AD-75.

I. PRESENTATION:

1. Present the student a thirty-minute classroom lecture on the theory of operation, functional check, fault isolation and organizational level maintenance procedures for AGM-88 HARM missile system used on the EA-6B aircraft.
2. In addition to a thirty minute presentation,
   a. Read and discuss the pertinent section(s) of reference (s) (1) and (2).
   b. Demonstrate the proper procedures on the aircraft (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. The organizational level maintenance procedures for AGM-88 HARM missile system used on the EA-6B aircraft.

K. QUESTIONS:

Ask a minimum of three questions pertaining to the subject of this lesson guide.

EA-6B MAINTENANCE TRAINING

LESSON GUIDE NUMBER EA-6B MOS 6531 B.06

ALE-39 SYSTEM

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A. LECTURE NUMBER: MOS 6531 B.06

B. TIME: 1 HOUR

C. DATE PREPARED: 22 April 2003

D. DATE REVIEWED: On cover sheet

E. TITLE OF LECTURE: ALE-39 SYSTEM

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the theory of operation, functional check, fault isolation and organizational maintenance procedures for the ALE-39 system on the EA-6B aircraft.

G. INSTRUCTIONAL AIDES:

1. EA-6B aircraft.
2. Applicable support equipment.
3. Applicable publications.

H. REFERENCES:

1. NA 01-85AD-75.
2. NA 01-85AD-2-25.5.1.

I. PRESENTATION:

1. Present the student a thirty-minute classroom lecture on the theory of operation, functional check, fault isolation and organizational level maintenance procedures for ALE-39 system used on the EA-6B aircraft.
2. In addition to a thirty minute presentation,
   a. Read and discuss the pertinent section(s) of reference (1) and (2).
   b. Demonstrate the proper procedures on the aircraft (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. The organizational level maintenance procedures for ALE-39 system used on the EA-6B aircraft.

K. QUESTIONS:

Ask a minimum of three questions pertaining to the subject of this lesson guide.

EA-6B MAINTENANCE TRAINING

LESSON GUIDE NUMBER EA-6B MOS 6531 B.07

ALE-41/ALE-43 SYSTEM

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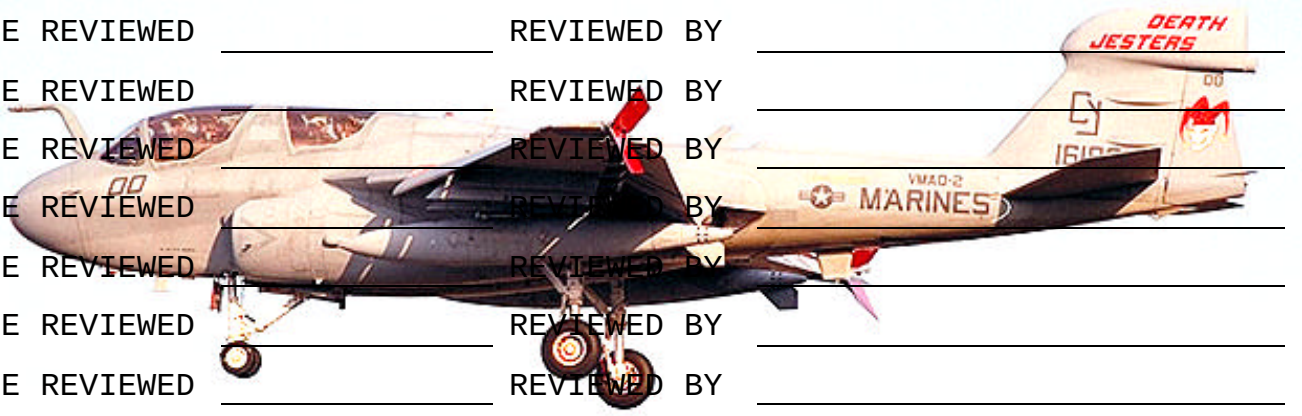

A. LECTURE NUMBER: MOS 6531 B.07

B. TIME: 1 HOUR

C. DATE PREPARED: 22 April 2003

D. DATE REVIEWED: On cover sheet

E. TITLE OF LECTURE: ALE-41/ALE-43 SYSTEM

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the theory of operation, functional check, fault isolation and organizational maintenance procedures for the ALE-41/ALE-43 system on the EA-6B aircraft.

G. INSTRUCTIONAL AIDES:

1. EA-6B aircraft.
2. Applicable publications.
3. Applicable support equipment.

H. REFERENCES:

1. NA 01-85AD-75.
2. NA 01-85ADC-2-23.5.1.
3. NA 01-85ADC-2-23.5.2.

I. PRESENTATION:

1. Present the student a thirty-minute classroom lecture on the theory of operation, functional check, fault isolation and organizational level maintenance procedures for ALE-41/ALE-43 system used on the EA-6B aircraft.
2. In addition to a thirty minute presentation,
   a. Read and discuss the pertinent section(s) of reference (s) (1) thru (3).
   b. Demonstrate the proper procedures on the aircraft (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. The organizational level maintenance procedures for ALE-41/ALE-43 system used on the EA-6B aircraft.

K. QUESTIONS:

Ask a minimum of three questions pertaining to the subject of this lesson guide.

EA-6B MAINTENANCE TRAINING

LESSON GUIDE NUMBER EA-6B MOS 6531 B.08

POD/TANK RELEASE SYSTEM

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A. LECTURE NUMBER: MOS 6531 B.08

B. TIME: 1 HOUR

C. DATE PREPARED: 22 April 2003

D. DATE REVIEWED: On cover sheet

E. TITLE OF LECTURE: POD/TANK RELEASE SYSTEM

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the theory of operation, functional check, fault isolation and organizational maintenance procedures for the POD/Tank release system on the EA-6B aircraft.

G. INSTRUCTIONAL AIDES:

1. EA-6B aircraft.
2. Applicable publications.
3. Applicable support equipment.

H. REFERENCES:

1. NA 01-85AD-75.
2. NA 01-85ADC-2-23.5.1.

I. PRESENTATION:

1. Present the student a thirty-minute classroom lecture on the theory of operation, functional check, fault isolation and organizational level maintenance procedures for POD/Tank release system used on the EA-6B aircraft.
2. In addition to a thirty minute presentation,
   a. Read and discuss the pertinent section(s) of reference (s) (1) and (2).
   b. Demonstrate the proper procedures on the aircraft (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. The organizational level maintenance procedures for POD/Tank release system used on the EA-6B aircraft.

K. QUESTIONS:

Ask a minimum of three questions pertaining to the subject of this lesson guide.

EA-6B MAINTENANCE TRAINING

LESSON GUIDE NUMBER EA-6B MOS 6531 B.09

TACTS POD SYSTEM

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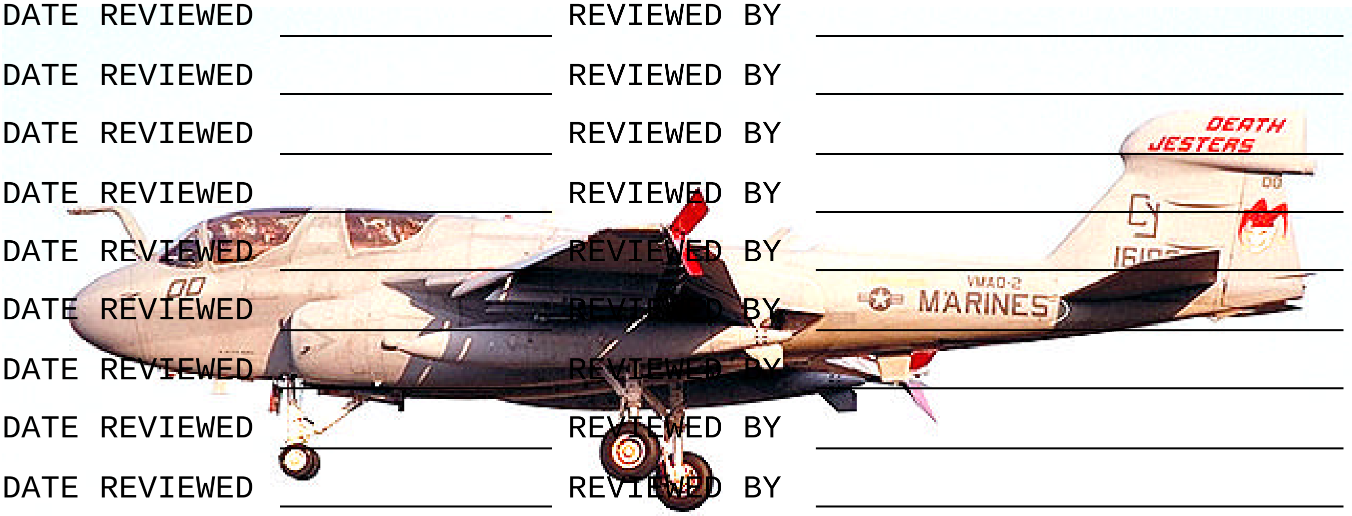

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A. LECTURE NUMBER: MOS 6531 B.09

B. TIME: 1 HOUR

C. DATE PREPARED: 22 April 2003

D. DATE REVIEWED: On cover sheet

E. TITLE OF LECTURE: TACTS POD SYSTEM

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the theory of operation, functional check, fault isolation and organizational maintenance procedures for the TACTS POD system on the EA-6B aircraft.

G. INSTRUCTIONAL AIDES:

1. EA-6B aircraft.
2. Applicable publications.
3. Applicable support equipment.

H. REFERENCES:

1. NA 01-85AD-75.
2. NA 01-85ADC-2-23.5.1.

I. PRESENTATION:

1. Present the student a thirty-minute classroom lecture on the theory of operation, functional check, fault isolation and organizational level maintenance procedures for TACTS POD system used on the EA-6B aircraft.
2. In addition to a thirty minute presentation,
   a. Read and discuss the pertinent section(s) of reference (s) (1) and (2).
   b. Demonstrate the proper procedures on the aircraft (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. The organizational level maintenance procedures for TACTS POD system used on the EA-6B aircraft.

K. QUESTIONS:

Ask a minimum of three questions pertaining to the subject of this lesson guide.