



UNITED STATES MARINE CORPS
2D MARINE AIRCRAFT WING
II MARINE EXPEDITIONARY FORCE
POSTAL SERVICE CENTER BOX 8050
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WgO 13270.1C
ALD-E
APR 23 2012

WING ORDER 13270.1C

From: Commanding General, 2d Marine Aircraft Wing
To: Distribution List

Subj: MANAGEMENT AND ACCOUNTING PROCEDURES FOR SELECTED
ELECTRONIC COUNTERMEASURES (ECM) AND AIRCRAFT
SURVIVABILITY EQUIPMENT (ASE)

Ref: (a) COMNAVAIRFORINST 4790.2
(b) SECNAVINST 5510.30
(c) SECNAVINST 5510.36
(d) MCO P4400.177

Encl: (1) ECM/ASE Assets Which Require Reporting
(2) Sample ECM/ASE Annual Inventory Report Message
(3) Sample ECM/ASE Increase/Decrease Message
(4) Sample ECM/ASE Loss/Damage Report Message

1. Situation. ECM/ASE assets are subject to limited inventory with many Weapons Replaceable Assemblies (WRAs) and Shop Replaceable Assemblies (SRAs) being classified or fleet controlled in nature. Accurate accountability and timely reporting of gains and/or losses will identify shortfalls and allow for equitable distribution of available assets. Reference (a), the Naval Aviation Maintenance Program, sets forth the policies and procedures regarding the implementation and management of the maintenance program including amplifying information on the management of ECM/ASE assets. Reference (b), the Department of the Navy Information and personnel security Program, establishes policies and procedures for the handling and safeguarding of classified information and material. Reference (c), the Department of the Navy Information Security Program regulation, establishes policies regarding the safeguard and storage of classified information and material. Reference (d), Marine Corps Aviation Supply Desk Top Procedures, establishes equipment survey procedures.

DISTRIBUTION STATEMENT A: Approved for public release;
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2. Cancellation. WgO 13270.1B

3. Mission. To establish ECM/ASE asset accounting, reporting of increases/decreases, losses and damaged assets. This revision contains a substantial number of changes and should be reviewed in its entirety.

4. Execution

a. Commander's Intent and Concept of Operations

(1) Assistant Chief of Staff (AC/S), Aviation Logistics Department (ALD) shall: assign the Wing Avionics Officer (AVO) as the ECM/ASE Coordinator.

(2) 2d Marine Aircraft Wing (2d MAW) ECM/ASE Coordinator shall:

(a) Maintain visibility of ECM/ASE assets, ensuring assets are installed and exercised to the maximum extent possible.

(b) Maintain an ECM/ASE Asset Inventory of all equipment listed in enclosure (1).

(c) Redistribute ECM/ASE assets, coordinating with higher headquarters as required, using current policies and operational guidelines.

(d) Provide logistics support to all assigned Marine Aviations Logistics Squadron (MALS) for all ECM/ASE matters as required.

(e) Provide higher headquarters with a monthly ECM/ASE configuration report by 0000 on 15th of the month. Reports will be formatted as directed by the ECM/ASE TYCOMM.

(3) Commanding Officers (COs) of MALS shall:

(a) Appoint in writing the MALS AVO as the ECM/ASE Coordinator/Custodian.

(b) Ensure that the installation and use of ECM/ASE assets are maximized throughout their respective Marine Aircraft Group (MAG).

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(c) Ensure that the MALS Aviation Supply Officer informs the MALS ECM/ASE Coordinator/Custodian of the receipt or transfer of any ECM/ASE assets due to supply actions.

(4) MALS ECM/ASE Coordinator/Custodian shall:

(a) Establish accounting and inventory reporting procedures for all ECM/ASE assets within the MAG. Records will include nomenclature, part number, serial number and equipment location for all assets identified in enclosure (1).

(b) Maintain an up to date record of ECM/ASE assets outstanding via supply due to Beyond Capable Maintenance (BCM) actions, to include: nomenclature, part number, document number and serial number of the BCM action assets.

(c) Ensure the establishment of positive control and management procedures for ECM/ASE assets during required shipments (e.g., to and from deployed units or other maintenance facilities per references (a), (b) and (c)).

(d) Coordinate with the MAG S-3, Supply, Squadron AVOs and 2d MAW ALD-E to provide ECM/ASE assets consistent with availability and mission requirements.

(e) Ensure supported squadrons or detachments within the group have positive control of ECM/ASE equipment at all times. Particular accountability should be stressed during deployment periods and when transferring assets to and from Intermediate Repair Activity (IMA) facilities.

(f) Obtain authority from 2d MAW ALD-E prior to the transfer or temporary loan of any of the subject assets to activities outside of the cognizant MAG or MAW. The MALS AVO has the authority to transfer assets within their respective MAG.

(g) Submit an unclassified annual ECM/ASE inventory report, via routine naval message using the format shown in enclosure (2). Ensure the following guidelines are met:

1. MALS Maintenance, MALS Supply and squadrons will conduct a physical inventory annually of the subject equipment. An inventory report will be turned into the MALS ECM/ASE Coordinator/Custodian no later than 0000 on the 20th of March, unless otherwise directed. Reports will include nomenclatures, part numbers, serial numbers and quantities for

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all asterisked assets identified in enclosure (1). All other assets will be accounted for by quantity only.

2. Ensure all inventory increase/decrease is fully explained in paragraph 2 of enclosure (2).

3. Annual report will be submitted to 2d MAW ALD-E by close of business on the 25th day of March, unless otherwise directed.

4. ECM/ASE asset part number change driven by Technical Directive (TD) incorporation will be annotated in paragraph 2 of enclosure (2).

(h) Ensure squadrons maintain a complete and specialized inventory of the classified and controlled assets, to include the ALQ-157A Transmitters and that proper security is provided for storage upon removal from the aircraft.

(i) Submit within 15 working days via routine naval message, an ECM/ASE Increase/Decrease Report utilizing the format shown in enclosure (3). Criteria for message submission are as follows:

1. Assets received from or shipped to another activity (except for asset exchanges within the MAG) that are associated with aircraft transfers.

2. Asset received or transferred due to squadrons deploying to or returning from outside the cognizant MAG, will be reported upon departure and return from deployment by parent MALS.

3. Assets shipped or received via supply due to a BCM action or AVCAL allowance increase/decrease. Ensure requisition number is referenced.

4. Assets disposition due to system upgrade or modification. Ensure tracking information is referenced.

5. Assets received due to system upgrade or modification.

6. Transition of Authority (TOA) between MALS/MAG/MAW in support of forward deployed operations.

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(j) Report within 24 hours, via routine naval message, any ECM/ASE asset losses or damage resulting from an aircraft or ground mishap, utilizing the format shown in enclosure (4). Ensure that follow-on loss/damage reports are submitted upon notification of any status changes. Asset losses will also be reported per reference (d) survey procedures.

(k) Avionics Work Centers will retain copies of all increase/decrease and loss/damage reports until release of the next annual inventory report. Annual inventory reports will be retained for eighteen months.

(l) Avionics Work Centers will maintain the classified and controlled assets, to include the infrared Transmitters associated with the ALQ-157A countermeasures system, listed in enclosure (1) that are not issued. This will include all controlled assets that are designated for supply contingency packages.

(m) It is the responsibility of each squadron in the possession of ECM/ACE equipment to maintain positive control of all assets in their possession. In the situation where ECM/ASE assets are lost, it is the responsibility of the squadron who last reported custody of the asset to submit a worldwide search request message for the asset(s). If the assets cannot be located within 30 days, it is then the responsibility of that squadron to survey the assets in accordance with reference (d).

(n) Provide 2d MAW ALD with a monthly ECM/ASE configuration report by 0000 on the 10th of each month. Reports will be formatted as directed by the ECM/ASE TYCOMM.

(o) Develop and distribute a MAG Order, to ensure squadrons within their cognizant MAG provide accurate information to the MALS in sufficient time to meet the above requirements. This Order will also include procedures for conducting the physical inventory of ECM/ASE assets, during Transition of Authority (TOA) between squadrons.

5. Administration and Logistics

a. Scope:

(1) This Order applies to equipment listed in enclosure (1), including items in physical custody, items installed in squadron aircraft or undergoing repair at the IMA, equipment installed as Test Bench Standards and Supply Officer Assets.

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b. Required reports:

(1) ECM/ASE Annual Inventory Report Par. 4.d.7.

(2) ECM/ASE Increase/Decrease Report Par. 4.a.4.h
(Report Control Symbol WG: 13270-3).

(3) ECM/ASE Loss/Damage Report Par. 4.a.4.i
(Report Control Symbol WG: 13270-4).

(4) ECM/ASE Monthly Configuration Report Par. 4.a.2.e
(Report Control Symbol WG: 13270-5).

6. Command and Signal

a. Command. This Order is applicable to all 2d MAW Units.

b. Signal. This Order is effective on the date signed.


R. W. REGAN
Chief of Staff

DISTRIBUTION: A

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ECM/ASE ASSETS WHICH REQUIRE TRANSACTION REPORTING

AN/AAR-47 (V) MISSILE WARNING SYSTEM (MWS)

Nomenclature/Description

CP-1975/AAR-47(V) 2 Computer Processor

AN/AAQ-24 (V) DIRECTIONAL INFRARED COUNTERMEASURES (DIRCM)

Nomenclature/Description

CP-2363/AAQ-24 Computer Processor

C-12495/AAQ-24 Control Interface Unit

AN/ALE-47 RADAR WARNING RECEIVER (RWR)

Nomenclature/Description

*CD-45/ALE-47 Programmer

AN/ALR-56 (V) SYSTEM

Nomenclature/Description

*3351984-43/ALR-56 Superhet Control

*333008-000/ALR-56 Superhet Receiver

*333005-001/ALR-56 DF Receiver

*333009-001/ALR-56 CD Band Receiver

AN/ALR-67 (V) SYSTEM

Nomenclature/Description

*R2148C/ALR-67 (V) Quadrant Receiver

*R2055B/ALR-67 (V) Special Receiver

*CP1293C/ALR-67 (V) Computer Processor

*AS3190B/ALR-67 (V) Integrated Antenna Array

C10250/ALR-67 (V) Control Indicator

IP1276/ALR/67 (V) Azimuth Indicator

AN/ALQ-144 (V) SYSTEM

Nomenclature/Description

*T-1360 (V)/ALQ-144 Transmitter

AN/ALQ-157 (V) SYSTEM

Nomenclature/Description

*C-10826A/ALQ-157A Control Power Supply

T-1425A/ALQ-157A Infrared Transmitter

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AN/ALQ-126 & 164 DEFENSIVE ELECTRONIC COUNTERMEASURES (DECM)

Nomenclature/Description

*RT1079B/ALQ-126 Receiver/Transmitter

*RT1377A/ALQ-164 Receiver/Transmitter

AN/ALQ-165 DEFENSIVE ELECTRONIC COUNTER MEASURES (ASPJ)

Nomenclature/Description

R-2236/ALQ-165 Receiver, CM

R-2237/ALQ-165 Receiver, CM

CP-1530/ALQ-165 Computer Processor, CM

T-1464/ALQ-165 Transmitter, CM

T-1463/ALQ-165 Transmitter, CM

AN/APR-39A(V) 2 RADAR SIGNAL DETECTING SET

Nomenclature/Description

CP-1895/APR-39A(V) Radar Data Processor * Asterisk items require special handling IAW references (b) and (c) when shipped/transported by military or commercial means and will be reported by quantity and serial number for all inventory and transaction reports. (Non-asterisk items may be reported by quantity only).

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SAMPLE ECM/ASE ANNUAL INVENTORY REPORT MESSAGE

FM MALS XX
 TO 2D MAW ALD
 INFO COMMARFORCOM ALD

BT

UNCLASS//13270//

MSGID/GENADMIN/MALS XX/

SUBJ/ANNUAL ECM/ASE INVENTORY REPORT//

REF/A/DOC/CG 2D MAW/YMMDD//

REF/B/MALS-XX/DDTTTTZMMYY//

REF/C/MALS-XX/DDTTTTZMMYY//

AMPN/REF (A) IS WGO 13270.1C WHICH TASKS MALS-XX WITH PROVIDING
 SELECTED ECM/ASE ANNUAL INVENTORY REPORTS. REFS (B) AND (C) ARE
 TRANSACTION/LOSS REPORTS//

POC/D.J. CHOSIN/GYSGT/MALS-XX/-/DSN 267-7692/COM: (910) 267-
 1164/ EMAIL: DONE.CHOSIN@USMC.MIL//

RMKS/1. PER REF (A) THE FOL INFO IS SUBMITTED.

A. READ IN SIX COLUMNS:

	QTY	QTY RFI	QTY RFI	QTY	TOTAL
NOMENCLATURE	INSTALL	NOT INST	SUPPLY	NRFI	QTY O/H
C-10826A/ALQ-157A	01	1	0	0	02
T-1425A/ALQ-157A	03	0 0	1	0	4

B. READ IN FOUR COLUMNS:

NOMENCLATURE	PART NO.	QTY.	SER NO.
C-10826A/ALQ-157A	XXXXXXX	02	XXXXXXX, XXXXXXX

**NOTE 1. ANY NOTES PERTAINING TO EQUIPMENT LISTED IN PARAGRAPH 1
 WILL BE INCLUDED IN PARAGRAPH 2.**

2. INVENTORY INCREASES/DECREASES:

A. INCREASES. (1) ONE C-10826A/ALQ157A CPS, (2) TWO T-
 1425A/ALQ-157A XMTRS RECEIVED FROM BAE SYSTEMS YMMDD. REF B
 REFERS.

B. DECREASES. (1) ONE C-10826A/ALQ157A CPS, (2) TWO T-
 1425A/ALQ-157A XMTRS DESTROYED YMMDD DUE TO HMH-XXX A/C STRIKE.
 REF C REFERS.

BT

#0001

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**NOTE 2. ABOVE REPORT TO BE INCLUSIVE OF ALL SUBJECT WRA'S UNDER
 MALS COGNIZANCE PER ENCLOSURE (1) TO INCLUDE TBI, ASO AND
 OUTSTANDING REQUISITIONS. FOR OUTSTANDING REQUISITIONS INCLUDE
 DOCUMENT NUMBER IN LIEU OF SERIAL NUMBER.**

Enclosure (2)

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SAMPLE ECM/ASE INCREASE/DECREASE MESSAGE

FM MALS XX
 TO 2D MAW ALD
 INFO COMMARFORCOM ALD
 BT
 UNCLASS /13270//
 MSGID/GENADMIN/MALS-XX//
 SUBJ/ECM-ASE INCREASE/DECREASE REPORT//
 REF/A/DOC/CG 2D MAW/YMMDD//
 REF/B/DOC/ (APPLICABLE SHIPPING DOCUMENT NUMBER)//
 AMPN/REF (A) IS WGO 13270.1C WHICH TASKS MALS WITH PROVIDING
 SELECTED ECM-ASE INCREASE/DECREASE REPORTS. REF (B) IS SHIP
 DOC.//
 POC/D.J. CHOSIN/GYSGT/MALS-XX/-/DSN 267-7692/COMM(910)267-1164/
 EMAIL: DONE.CHOSIN@USMC.MIL//
 RMKS/1. THE FOL SUBJ ASSETS RECEIVED FROM/TRANSFERRED TO
 (APPLICABLE ORGANIZATION) ON JD XXXXX, REF B REFERS JD. READ IN
 (4) FOUR COLS.

NOMEN	PART NO.	QTY.	SER NO.
C-10826A/ALQ-157A	XXXXXXX	06	XXXXXX, XXXXXXX, XXXXXX, XXXXXXX, XXXXXX, XXXXXXX
T-1425A/ALQ-157A	XXXXXXX	06	N/A (FOR UNCLASS ONLY)

BT
 #00001
 NNNN

NOTE 1. SQUADRONS TRANSFERRING TO OR RETURNING FROM OTHER MARINE AIR WINGS (I.E., UNIT DEPLOYMNET PROGRAM (UDP) WITH SUBJECT ASSETS) WILL BE REPORTED VIA ROUTINE NAVAL MESSAGE WITHIN 15 DAYS.

NOTE 2. ENSURE SEPARATE REPORTS FOR INCREASE AND DECREASE MESSAGES.

Enclosure (3)

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SAMPLE ECM/ASE LOSS-DAMAGE REPORT MESSAGE

FM MALS XX
TO 2D MAW ALD
INFO COMMARFORCOM ALD
BT

UNCLASS /13270//

MSGID/GENADMIN/MALS-XX//

SUBJ/ECM-ASE LOSS-DAMAGE REPORT//

REF/A/DOC/CG 2D MAW/YMMDD//

REF/B/RMG/HMH-XXX/DDTTTTZMMYY//

AMPN/REF (A) IS WGO 13270.1B WHICH TASK SQUADRONS WITH PROVIDING
ECM-ASE ASSET LOSS OR DAMAGE REPORTS. REF (B) IS HMH-XXX ACFT
MISHAP RPT.//

POC/D.J. CHOSIN/GYSGT/MALS-XX/-/DSN 267-7692/COM: (910)267-
1164/ EMAIL: DONE.CHOSEN@USMC.MIL//

RMKS/1. (U) PER REF (A), THE FOL INFO IS SUBMITTED:

A. FOL ASSETS WERE INSTALLED AND STATUS IS CURRENTLY UNKNOWN.
READ IN (4) FOUR COLS.

NOMEN	PART NR.	SERIAL NR.	QTY
C-10826A/ALQ-157A	XXXXXXXX	XXXXXXXX	01
T-1425A/ALQ-157A	XXXXXXXX	XXXXXXXX, XXXXXXXX	02

B. FOL ASSETS ARE LOST AND UNRECOVERABLE. READ IN (4) FOUR
COLS.

NOMEN	PART NR.	SERIAL NR.	QTY
C-10826A/ALQ-157A	XXXXXXXX	XXXXXXXX	01
T-1425A/ALQ-157A	XXXXXXXX	XXXXXXXX, XXXXXXXX	02

C. FOL ASSET WAS RECOVERED BUT IS CONSIDERED NON-REPAIRABLE.
READ IN (4) FOUR COLS.

NOMEN	PART NR.	SERIAL NR.	QTY
CP-1975/AAR-47(V)2	XXXXXXXX	XXXXXXXX	01

D. FOL ASSET WAS RECOVERED BUT IS CONSIDERED REPAIRABLE.
READ IN (4) FOUR COLS.

NOMEN	PART NR.	SERIAL NR.	QTY
CD-45/ALE-47	XXXXXXXX	XXXXXXXX	01

E. PINGER STATUS: INSTALLED AND OPERATING

F. REF (B) RPT LOSS OF CH-53E BUNO XXXXXX ON 25 MAR 11 OFF THE
COAST OF BEAUFORT, SC. NO POSSIBILITY OF COMPROMISE.//

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Enclosure (4)