

## Final Processing

### 9-1 Final Processing

#### 9-1.1 Depreservation

**Requirement** - Perform aircraft de-preservation IAW USCS 01-75AEW-6-3.

**Performance Specification** - This requirement is met when:

- All applicable cards have been complied with.
- An entry in the Miscellaneous Section of the logbook has been completed.

#### 9-1.2 Disturbed Systems

**Requirement** – Perform disturbed systems check in accordance with applicable P-3 and USCS P-3B AEW technical manuals and requirements of OPNAVINST 4790.2.

**Performance Specification** – This requirement is met when:

- All aircraft systems have been returned to flight status.

All aircraft systems have been checked as required by the appropriate P-3 and USCS P-3B AEW technical manuals and requirements of OPNAVINST 4790.2.

#### 9-1.3 Aircraft Special Inspections

**Requirement** - Comply with all aircraft wash and lubrication requirements IAW USCS 01 75AEW-6-3. List all special inspection cards that have been completed incidental to complying with this TRD.

**Performance Specification** - This requirement is met when:

- Aircraft has been washed and lubricated IAW USCS 01 75AEW-6-3.

**Note**

The depot activity is responsible for obtaining any updated/re-numbered card(s) and/or maintenance reference with the task(s) intended in this TRD.

**Note**

Most special inspection cards have been complied with incidental to other requirements in the TRD.

**Performance Specification** - This requirement is met when:

- All of the above listed special inspection cards have been complied with.
- An entry in the Miscellaneous Section of the logbook has been completed.

**Note**

The logbook entry shall list all cards noted above.

#### 9-1.4 Turboshaft Engines

**Requirement** - Perform Low RPM, Normal RPM and engine performance operational checks per procedures contained in NA 01-75PAA-2-4.

**Performance Specification** - This requirement is met when:

- Engine operational checks have been performed.
- Operational check results have been recorded.
- Discrepancies recorded and classified.
- Discrepancies approved by the AGR have been corrected.

### **9-1.5 Fuel Leak Check**

**Requirement** - Perform fuel leak check on all fuel tanks

**Performance Specification:** This Requirement is met when:

- Fuel leak checks are completed prior to acceptance check flight.
- Visual fuel leak check performed after all required check flights.

### **9-1.6 Weight and Balance**

**Requirement** - Weigh aircraft as required by the OPNAVINST 4790.2.

**Performance Specification:** This requirement is met when:

- Aircraft has been weighed.
- Aircraft inventory is completed and Chart A, basic weight and check list updated to reflect the actual equipment inventory.
- Chart B, is completed as necessary.
- Chart C, basic weight and balance record updated to reflect the current inventory control of Chart A, plus the effect of any approved technical directives or modifications accomplished.
- NA 01-1B-40, Chart E, is updated, as required, to reflect the effect of any approved technical directives or modifications incorporated during DLM.
- Weight and balance clearance form F reflects the actual load disposition for functional check flight and ferry flights.

### **9-1.7 Logs and Records**

**Requirement** - Inventory aircraft.

**Performance Specification:** This requirement is met when:

- Aircraft inventory has been completed and Aircraft Inventory Record is updated to reflect the actual inventory as per OPNAVINST 4790.2. This task will be conducted jointly by the depot activity and the AGR.
- Aircraft missing items are documented on OPNAV Form 4790/112 per OPNAV 4790.1.
- All items missing from the aircraft inventory that were not noted on the in-coming inventory as missing, (Section 3, Inventory) are replaced at no cost to the Government.
- SRC replaced items have been documented per the OPNAVINST 4790.2.
- Accomplishment of DLM was documented on OPNAV FORM 4790/23A. A logbook entry shall be made stating compliance with the requirements of this TRD upon completion of DLM.
- The total flight time accrued to date shall be entered with the above entry in the aircraft logbook.
- Incorporation of TDs approved by the AGR are documented.
- Accrual of flight time during the period the aircraft is at the DLM activity is documented on OPNAV Form 4790/21A.
  
- All logbook sheets have been purged by the DLM activity, placed in a separate envelope, inserted in the aircraft logbook, and returned to the reporting custodian.
- VIDS/MAF Historical file shall be placed in a separate envelope, inserted in the aircraft logbook, and returned to reporting custodian.
- Other logbook entries or page insertions shall be recorded in the aircraft logbook as specified by the requirements of this TRD and as specifically directed by the AGR.

### **9-1.8 Hydraulic System Contamination**

### **Note**

All series of the P-3 aircraft shall be serviced with MIL-H-83282 hydraulic fluid. All hydraulic system servicing equipment shall conform to all requirements of the NA 01-1A-17 manual.

**Requirement** - This task shall be performed prior to functional check flight. Perform hydraulic contamination check per NA 01-75PAA-2-3 and NA 01-1A-17.

**Performance Specification** - The requirement is met when the following has been accomplished:

- Hydraulic samples drawn and analyzed for contamination.
- Results of hydraulic fluid contamination check were entered in the miscellaneous section of the aircraft logbook.
- If required, decontamination procedures were performed per NA 01-75PAA-2-3 and NA-01-1A-17, whenever contamination was excessive by the criteria of OPNAVINST 4790.2
- The U.S. Customs Border and Protection operating activity was notified whenever contamination is excessive by the criteria of NA-01-1A-17, Aviation Hydraulics Manual and OPNAVINST 4790.2.
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### **9-1.9 Make Aircraft Ready for Flight**

**Requirement** - Ensure aircraft is ready for flight per OPNAVINST 5442.4 and OPNAVINST 4790.2. This requirement is valid for all flights required until aircraft has departed the depot activity.

**Performance Specification:** This requirement is met when:

- Aircraft systems are operationally checked to insure all required systems are functional for flight per OPNAVINST 5442.4.
- Day VFR.
- Aircraft Daily inspection is completed.
- Aircraft Turn Around inspection is completed.

### **9-1.10 Functional/Acceptance Flights**

**Requirement** - Support the aircraft ferry flight crew in support of the required aircraft functional/acceptance flights.

### **Note**

The US Customs and Border Protection will be responsible for flying all flights on DLM aircraft. The actual check flight requirements will be determined by the US Customs and Border Protection and shall not be less than that required by U.S. Customs and Border Protection Aviation Operating Handbook (AOH) and Federal Aviation Regulations [FAR(s)], and the applicable P-3AEW Flight Manual and NA 01-75PAC-1F Check Flight Requirements.

**Performance Specification** - This requirement is met when:

- The depot activity personnel have briefed the US Customs and Border Protection crew on all systems that were disturbed during the DLM process.
- The depot activity personnel has briefed the US Customs and Border Protection crew on all disturbed systems that require a check flight per the OPNAVINST 4790.2 and NA 01-75PAC-1F.
- The depot activity has supported the designated flight crew for all required flights.

### **Note**

The depot activity shall be required to support all flights until the AGR has accepted the aircraft at no additional cost to the Government.

- All flight generated discrepancies have been recorded and classified.
- All discrepancies approved by the AGR have been corrected.

- All discrepancies generated as a direct result of compliance with this TRD have been corrected.

**9-1.11 Government Aircraft Acceptance**

**Requirement** - Government Acceptance.

**Performance Specification:** This requirement is met when:

- The representative of the US Customs and Border Protection has indicated acceptance of the aircraft upon completion of all required DLM requirements by signature on the applicable documents and records noting and certifying any deficiencies existing, which have been agreed upon, as non-critical and not detrimental to the air-worthiness of the aircraft.

**9-1.12 AEW Peculiar System Government Furnished Maintenance References**

P-3B AEW PECULIAR PUBLICATIONS

LR31304	USCS P-3B AEW FLIGHT MANUAL
USCS AEW-2	USCS AEW Airframe Maintenance Instructions Manual Supplement
USCS 01-75AEW-6 Cards	USCS Model P-3 Series Aircraft, Periodic Maintenance Information
USCS 01-75AEW-6-1	USCS Model P-3 Series Aircraft, Turnaround Checklist
USCS 01-75AEW-6-2	USCS Model P-3 Series Aircraft, Daily Maintenance Requirements
USCS 01-75AEW-6-3	USCS Model P-3 Series Aircraft, Special/Preservation/ Conditional/ASPA Maintenance Requirements
USCS 01-75AEW-6-4	USCS Model P-3 Series Aircraft, Phased Maintenance Requirements
USCS AEW-12	USCS AEW Avionics Systems In-Flight Maintenance Manual
USCS AEW-12-9	USCS AEW Electrical Systems In-Flight Maintenance Manual

**9-1.13 APU**

**Requirement** - Perform APU operational checks in accordance with NA01 75PAA-2-4.4.

**Performance Specification** - This requirement is met when:

- APU operational checks have been performed.
- Operational check results have been recorded.
- Discrepancies recorded and classified.
- Discrepancies approved by the AGR have been corrected.