



EMB145 - EMB135

AIRCRAFT  
MAINTENANCE MANUAL

OIL STORAGE SYSTEM - SERVICING

EFFECTIVITY: AIRCRAFT WITH APU T-62T-40C14

1. General

- A. This section gives the procedures to drain the APU oil.
- B. The magnetic/drain plugs are installed at the bottom of the oil sump.
- C. The procedures in this section are given in the sequence below. The tasks identified with (♦) are part of the Scheduled Maintenance Requirements Document (SMRD).

| TASK NUMBER          | DESCRIPTION   | EFFECTIVITY                      |
|----------------------|---------------|----------------------------------|
| 49-96-00-600-801-A ♦ | APU OIL DRAIN | AIRCRAFT WITH APU<br>T-62T-40C14 |



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TASK 49-96-00-600-801-A

EFFECTIVITY: AIRCRAFT WITH APU T-62T-40C14

2. APU OIL DRAIN

A. General

- (1) To do this task, refer to the instructions given in the latest revision of Hamilton Sundstrand engine manual T-62T-40C14 (P/N 4504112), 49-00-00.

B. References

| REFERENCE                       | DESIGNATION                  |
|---------------------------------|------------------------------|
| AMM 06-42-01/101                | -                            |
| AMM MPP 49-02-00/200            | - MAINTENANCE PRACTICES      |
| AMM TASK 12-12-02-600-801-A/300 | AUXILIARY-POWER-UNIT FILLING |
| AMM TASK 49-13-00-910-802-A/200 | APU - START                  |

C. Zones and Accesses

| ZONE | PANEL/DOOR | LOCATION    |
|------|------------|-------------|
| 313  | 313CL      | APU cowling |

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

| ITEM                   | DESCRIPTION | PURPOSE                            | QTY |
|------------------------|-------------|------------------------------------|-----|
| Commercially available | Workstand   | To get access to the APU work area | 1   |

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

| QTY | FUNCTION      | PLACE         |
|-----|---------------|---------------|
| 1   | Does the task | APU work area |

I. Preparation

SUBTASK 841-002-A

**WARNING: BEFORE YOU DO THE TASK, OBEY THE SAFETY PRECAUTIONS GIVEN IN AMM MPP 49-02-00/200 TO PREVENT INJURY TO THE PERSONS AND DAMAGE TO THE MATERIAL.**

- (1) On the circuit breaker panel, open these circuit breakers and attach DO-NOT-CLOSE tags to them:
    - APU FUEL SOV.
  - (2) On the left power control and distribution box, open the APU GEN START circuit breaker and attach DO-NOT-CLOSE tag to it.
  - (3) Remove the APU cowling access panel 313CL (AMM 06-42-01/101).
  - (4) Put a container below the gearbox assembly to catch oil.
- J. Drain and Replace Oil Supply
- SUBTASK 680-002-A**
- (1) Remove the magnetic drain plug and drain the oil. Refer to the latest revision of latest revision of Hamilton Sundstrand engine manual T-62T-40C14 (P/N 4504112), 49-00-00.
  - (2) Install the magnetic drain plug. Refer to the latest revision of Hamilton Sundstrand engine manual T-62T-40C14 (P/N 4504112), 49-00-00.
  - (3) Fill the reduction drive assembly sump with approved oil ([AMM TASK 12-12-02-600-801-A/300](#)).
  - (4) Monitor the oil level sight glass.

K. Follow-on

**SUBTASK 842-002-A**

- (1) Remove the container from the oil sump.
- (2) Remove the DO-NOT-CLOSE tags and close these circuit breakers.
  - APU FUEL SOV.
- (3) On the left power control and distribution box, remove the DO-NOT-CLOSE tag and close the APU GEN START circuit breaker.
- (4) Operate the APU ([AMM TASK 49-13-00-910-802-A/200](#)) and examine the gearbox assembly for oil leaks.
- (5) Install the APU cowling access panel 313CL (AMM 06-42-01/101).

