



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

OIL STORAGE SYSTEM - SERVICING

EFFECTIVITY: AIRCRAFT WITH APU T-62T-40C11

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
49-91-00-600-802-A ♦	APU OIL DRAIN	AIRCRAFT WITH APU T-62T-40C11



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MAINTENANCE MANUAL

TASK 49-91-00-600-802-A

EFFECTIVITY: AIRCRAFT WITH APU T-62T-40C11

2. APU OIL DRAIN

A. General

- (1) To do this task, refer to the instructions given in the latest revision of Hamilton Sundstrand bulletin 40C11-1 P/N 4501966, 49-00-00.

B. References

REFERENCE	DESIGNATION
AMM MPP 49-00-00/200	- MAINTENANCE PRACTICES
AMM TASK 12-12-02-600-801-A/300	AUXILIARY-POWER-UNIT FILLING
AMM TASK 49-10-00-910-802-A/200	APU - START
AMM TASK 49-11-00-000-801-A/400	APU COWLING - REMOVAL
AMM TASK 49-11-00-400-801-A/400	APU COWLING - INSTALLATION

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
313		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 49-00-00/200 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 ([AMM TASK 49-11-00-000-801-A/400](#)).
- (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 Hamilton Sundstrand bulletin 40C11-1 P/N 4501966, 49-00-00.
- (2) Install the magnetic drain plug. Refer to the latest revision of Hamilton Sundstrand bulletin 40C11-1 P/N 4501966, 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 dot on 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 49-10-00-910-802-A/200](#)) and examine the gearbox assembly for oil leaks.
- (5) Install the APU cowling ([AMM TASK 49-11-00-400-801-A/400](#)).

