



AIRCRAFT MAINTENANCE MANUAL

APU OIL SYSTEM FLUSHING - SERVICING

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

1. General

- A. This section gives the procedures to do the oil system flushing.
- B. Do the oil system flushing whenever the oil becomes contaminated or a different brand is to be used.
- C. The oil that is used to service the APU must be in the table of approved oils given in AMM 20-30-02/201.
- D. 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
49-95-00-100-801-A	APU OIL SYSTEM - FLUSHING PROCEDURE	AIRCRAFT WITH APU T-62T-40C14



EMB145 – EMB135

AIRCRAFT
MAINTENANCE MANUAL

TASK 49-95-00-100-801-A

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

2. APU OIL SYSTEM - FLUSHING PROCEDURE

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 MPP 49-02-00/200	- MAINTENANCE PRACTICES
AMM TASK 49-13-00-910-802-A/200	APU - START
AMM TASK 49-15-00-000-801-A/400	APU COWLING - REMOVAL
AMM TASK 49-15-00-400-801-A/400	APU COWLING - INSTALLATION

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
313	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 49-02-00/200 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 ([AMM TASK 49-15-00-000-801-A/400](#)).
- (4) Put a container below the reduction drive assembly to catch oil.

J. Flushing Procedure ([Figure 301](#))

SUBTASK 170-002-A

- (1) Do the APU oil system flushing procedure. Refer to the latest revision of Hamilton Sundstrand engine manual T-62T-40C14 (P/N 4504112), 49-00-00.

K. Follow-on

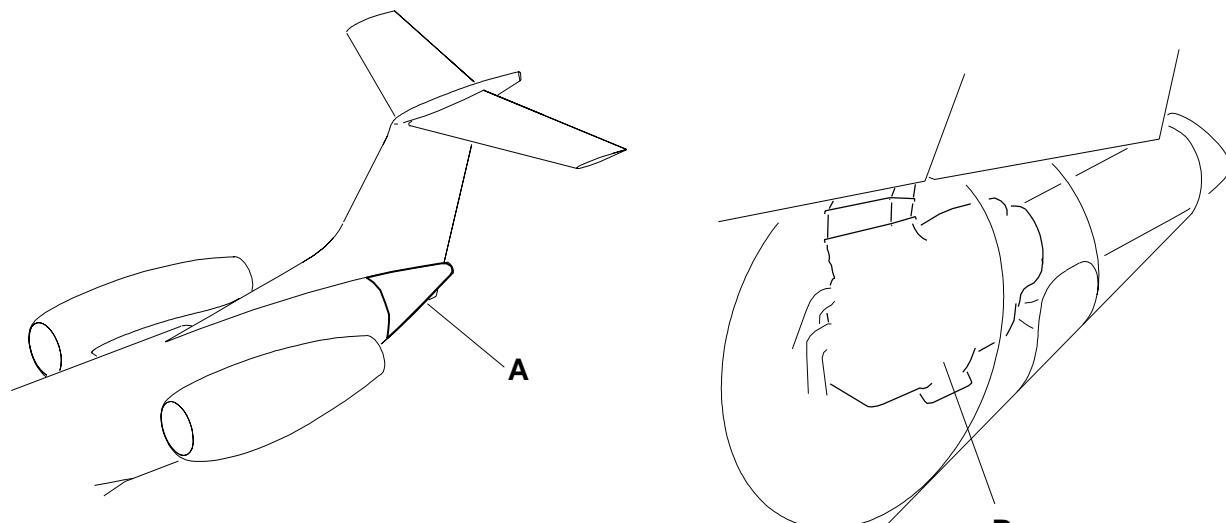
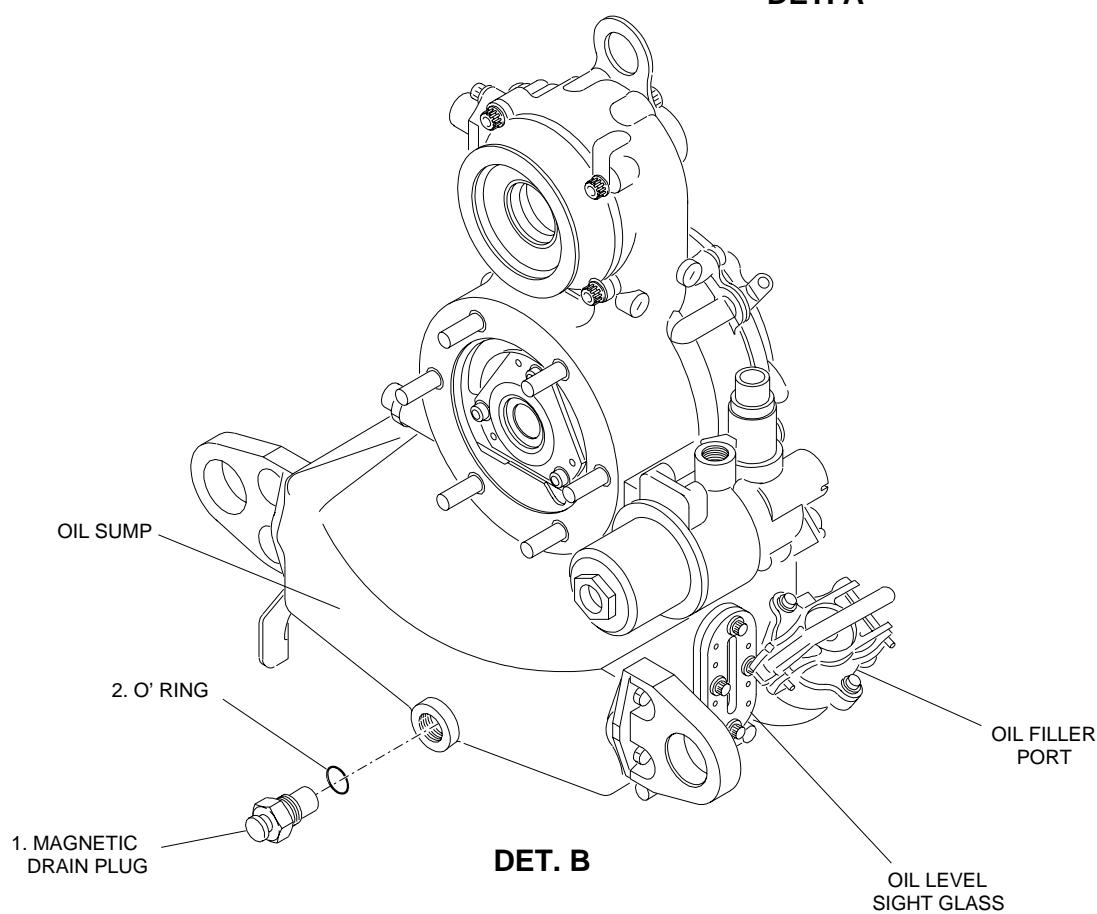
SUBTASK 842-002-A

- (1) Remove the DO-NOT-CLOSE tags and close these circuit breakers.
 - APU FUEL SOV.
- (2) On the left power control and distribution box, remove the DO-NOT-CLOSE tag and close the APU GEN START circuit breaker.
- (3) Remove the container from the oil sump.
- (4) Operate the APU ([AMM TASK 49-13-00-910-802-A/200](#)) and examine the reduction drive assembly for oil leaks.
- (5) Install the APU cowling ([AMM TASK 49-15-00-400-801-A/400](#)).

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APU Oil Drain

Figure 301

**DET. A****DET. B**

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