



## AIRCRAFT MAINTENANCE MANUAL

### MAGNETIC DRAIN PLUG - REMOVAL/INSTALLATION

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

#### 1. General

- A. This section gives the procedures to remove/install the magnetic drain plug.
- B. The magnetic drain plug is installed at the bottom of the reduction drive assembly 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
49-91-02-000-801-A	MAGNETIC DRAIN PLUG - REMOVAL	AIRCRAFT WITH APU T-62T-40C11
49-91-02-400-801-A	MAGNETIC DRAIN PLUG - INSTALLATION	AIRCRAFT WITH APU T-62T-40C11



AIRCRAFT  
MAINTENANCE MANUAL

EMB145 – EMB135

TASK 49-91-02-000-801-A

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

2. MAGNETIC DRAIN PLUG - REMOVAL

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 49-11-00-000-801-A/400	APU COWLING - REMOVAL

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 49-00-00/200 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.



## AIRCRAFT MAINTENANCE MANUAL

- (2) On the left power control and distribution box, open the APU GEN START circuit breaker and attach DO-NOT-CLOSE tags to it.
- (3) Remove the APU cowling ( [AMM TASK 49-11-00-000-801-A/400](#)).
- (4) Put a container below the reduction drive assembly to catch oil.

### J. Removal

#### SUBTASK 020-002-A

- (1) Remove the magnetic drain plug. Refer to the latest revision of Hamilton Sundstrand bulletin 40C11-1 P/N 4501966, 49-00-00.



EMB145 – EMB135

AIRCRAFT  
MAINTENANCE MANUAL

TASK 49-91-02-400-801-A

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

3. MAGNETIC DRAIN PLUG - INSTALLATION

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 TASK 49-10-00-910-802-A/200	APU - START
AMM TASK 49-11-00-400-801-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. Installation

SUBTASK 420-002-A

- (1) Install the magnetic drain plug. Refer to the latest revision of Hamilton Sundstrand bulletin 40C11-1 P/N 4501966, 49-00-00.

J. Follow-on

SUBTASK 842-002-A

- (1) Remove the container from reduction drive assembly.



EMB145 – EMB135

AIRCRAFT  
MAINTENANCE MANUAL

- (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 reduction drive assembly for oil leaks.
- (5) Install the APU cowling ([AMM TASK 49-11-00-400-801-A/400](#)).

