

APU DRAINS - REMOVAL/INSTALLATION

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

1. General

- A. This procedure gives the instructions to remove and install the APU drain system.
- B. The outlet of the APU drain system is in the APU cowling.
- 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
49-17-00-000-801-A	APU DRAIN SYSTEM - REMOVAL	AIRCRAFT WITH APU T-62T-40C11
49-17-00-400-801-A	APU DRAIN SYSTEM - INSTALLATION	AIRCRAFT WITH APU T-62T-40C11

TASK 49-17-00-000-801-A

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

2. APU DRAIN SYSTEM - REMOVAL

A. General

(1) This procedure gives the instructions to remove the APU drain system.

B. References

REFERENCE	DESIGNATION
AMM MPP 49-00-00/200	- MAINTENANCE PRACTICES
AMM TASK 49-11-00-000-801-A/400	APU COWLING - REMOVAL
SB145-49-0006	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
313	APU Cowling	Aircraft tail cone

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

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

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Aircraft tail cone

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 PERSONS AND DAMAGE TO MATERIAL.

- (1) On the circuit breaker panel, open the circuit breakers below and attach a DO-NOT-CLOSE tag 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) Put the work stand below the aircraft tail cone.
- (4) Remove the APU cowling ([AMM TASK 49-11-00-000-801-A/400](#)).

J. Removal ([Figure 401](#))

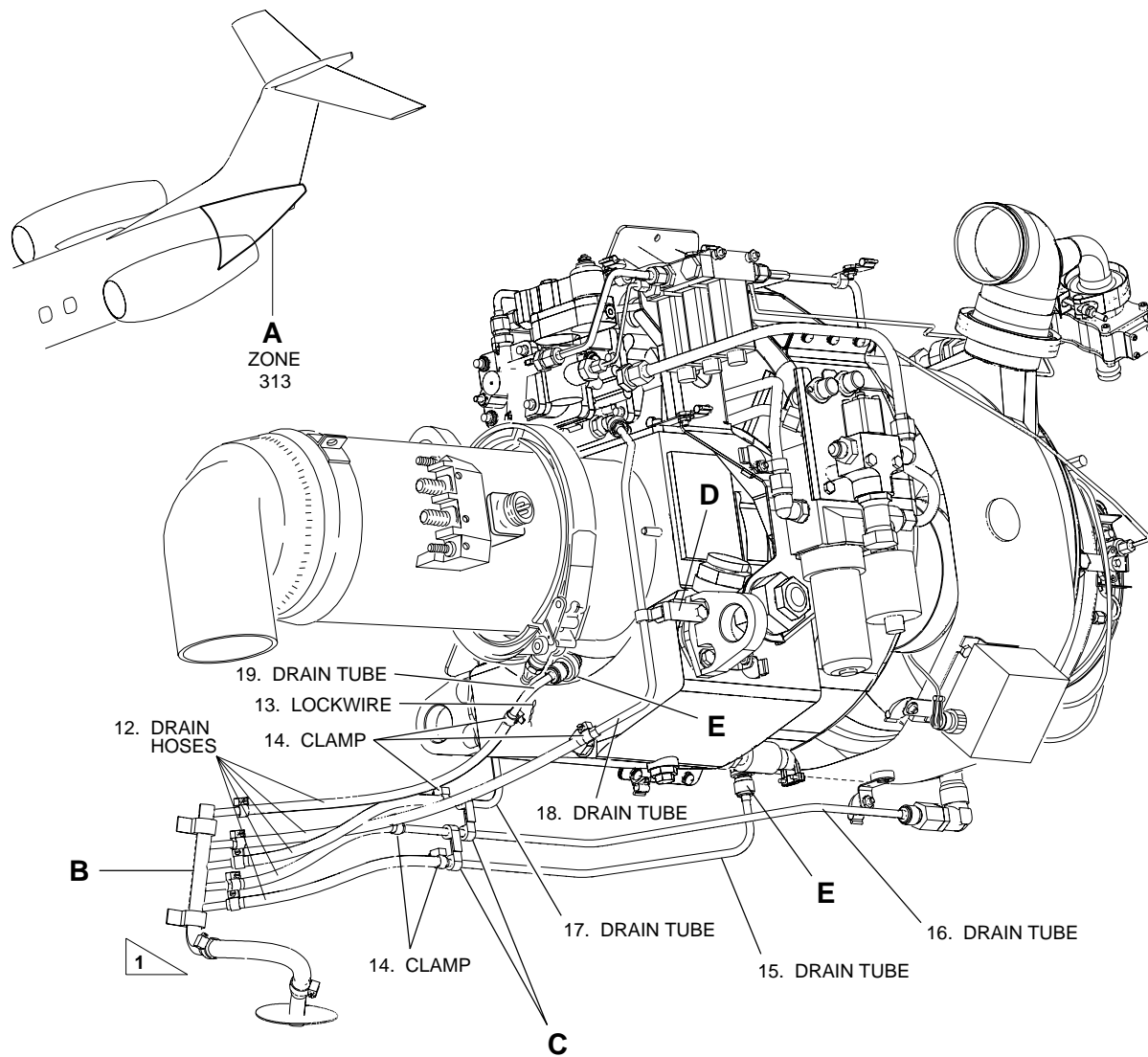
SUBTASK 020-002-A

- (1) Remove the lockwire (1) and loosen the clamps (2).
- (2) Remove the hose (3) from the APU drain system outlet (4) and from the collector tube (5).
- (3) Remove the bolts (6), washers (7), and the nuts (8) from the clamps (9).
- (4) Remove the lockwire (10) and loosen the clamps (11).
- (5) Remove the drain hoses (12) from the collector tube (5) (PRE-MOD [SB145-49-0006](#)).
- (6) Remove the drain hoses (12) from the collector tube and the air inlet hose (12) from the APU drain system outlet (4) (POST-MOD [SB145-49-0006](#)).
- (7) Remove the lockwire (13) and loosen the clamps (14).
- (8) Remove the drain hoses (12) from the drain tubes (15) thru (19).
- (9) Remove the bolts (20), washers (21), nuts (22), and clamps (23) from the drain tubes (15) thru (17).
- (10) Remove the bolts (24), washers (25), nuts (26), and clamps (27) from the drain tubes (17) and (18) and from the brackets (28).
- (11) Remove the drain tubes (15) thru (19).
- (12) Remove the unions (29) and the o-rings (30) from the drain tubes (15) and (19).

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

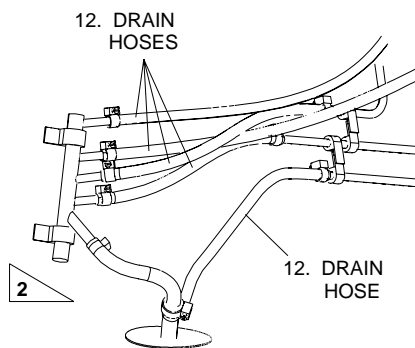
APU Drain System - Removal/Installation

Figure 401 - Sheet 1



DET. A

- 1 PRE-MOD SB. 145-49-0006
- 2 POST-MOD SB. 145-49-0006

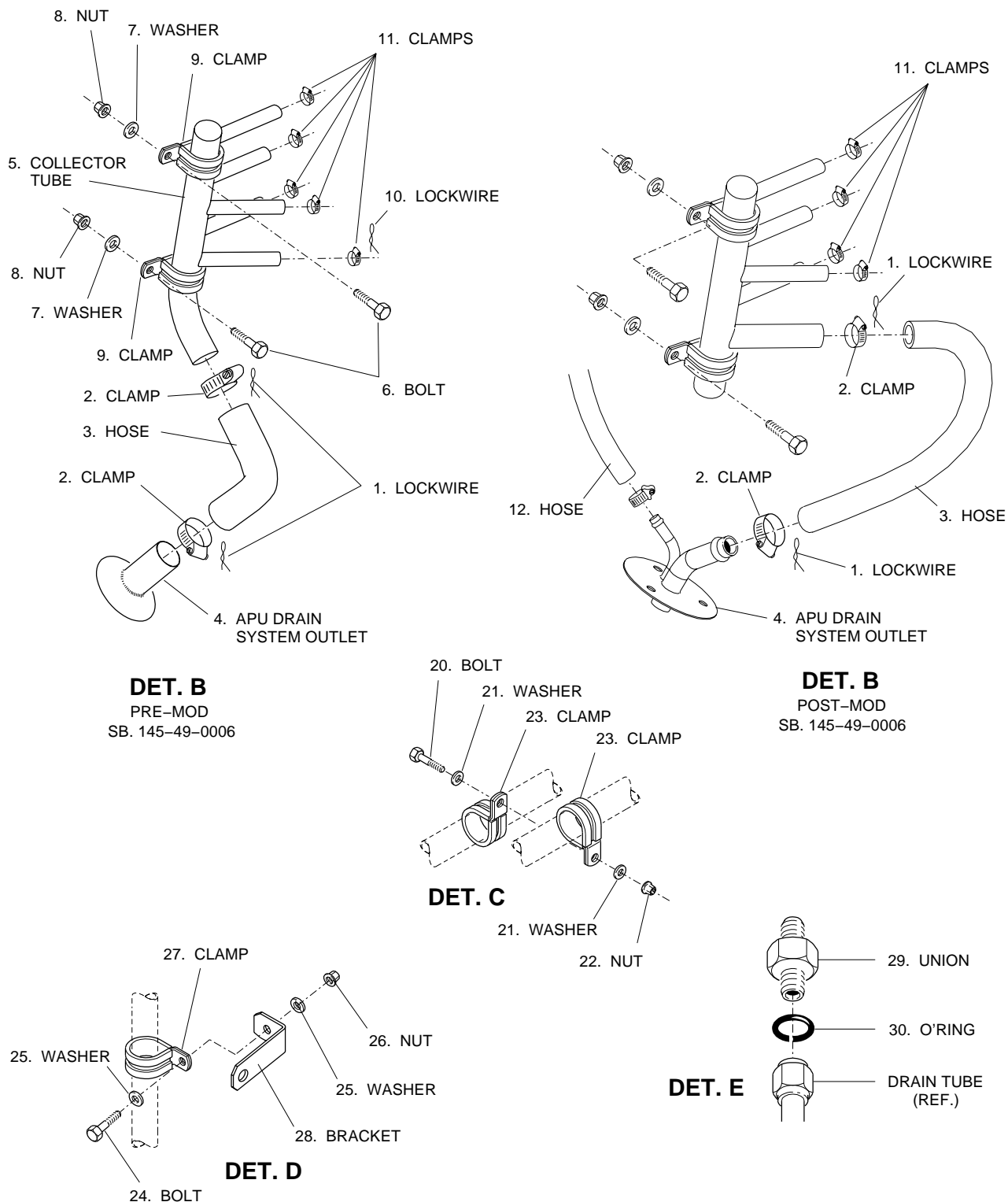


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EFFECTIVITY: AIRCRAFT WITH APU T-62T-40C11

APU Drain System - Removal/Installation

Figure 401 - Sheet 2



EM145AMM490425A.DGN

TASK 49-17-00-400-801-A

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

3. APU DRAIN SYSTEM - INSTALLATION

A. General

(1) This procedure gives the instructions to install the APU drain system.

B. References

REFERENCE	DESIGNATION
49-17-00	-
AMM MPP 49-00-00/200	- MAINTENANCE PRACTICES
AMM TASK 49-11-00-400-801-A/400	APU COWLING - INSTALLATION
SB145-49-0006	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
313	APU Cowling	Aircraft tail cone

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

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

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
MIL-L-23699D or MIL-L-7808K	Synthetic gas turbine oil	AR
MS 20995C32	Lockwire	AR

G. Expendable Parts

ITEM	IPC REFERENCE (VENDOR REFERENCE)	QTY
O-ring	49-17-00	2

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Aircraft tail cone

I. Installation (Figure 401)

SUBTASK 420-002-A

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

- (1) Lubricate the o-rings (30) with the same oil as that used in the APU oil system and install the unions (29) and the o-rings (30) in the drain tubes (15) and (19).
- (2) Install the drain tubes (15) thru (19).
- (3) Install the clamps (27) on the drain tubes (17) and (18), and install the bolts (24), washers (25), and nuts (26) on the brackets (28).
- (4) Install the clamps (23) on the drain tubes (15) thru (17), and install the bolts (20), washers (21), and nuts (22).
- (5) Install the drain hoses (12) on the drain tubes (15) thru (19) with the clamps (14) and safety them.
- (6) Install the drain hoses (12) on the collector tube (5) with the clamps (11) and safety them (PRE-MOD [SB145-49-0006](#)).
- (7) Install the drain hoses (12) on the collector tube (5) with the clamps (11), safety them, install the drain hose (12) on the APU drain system outlet (4) with the clamp (11), and safety it (POST-MOD [SB145-49-0006](#)).
- (8) Install the clamps (9), bolts (6), washers (7), and nuts (8).
- (9) Install the hose (3) on the APU drain system outlet (4) and on the collector tube (5) with the clamps (2) and safety them.

J. Follow-on

SUBTASK 842-002-A

- (1) Install the APU cowling ([AMM TASK 49-11-00-400-801-A/400](#)).
- (2) Remove the work stand from the work area.
- (3) On the circuit breaker panel, close the circuit breakers below and remove the DO-NOT-CLOSE tag from them:
 - APU FUEL SOV.
- (4) On the left power control and distribution box, remove the DO-NOT-CLOSE tag and close the APU GEN START circuit breaker.

