



EMB145 - EMB135

AIRCRAFT  
MAINTENANCE MANUAL

**APU DRAIN SCAVENGE PUMP - CLEANING/PAINTING**

EFFECTIVITY: AIRCRAFT WITH APU T-62T-40C14 AND POST-MOD. S.B. 145-49-0029

1. General

- A. This procedure gives the instructions to clean the APU-drain scavenge pump.
- B. The APU drain scavenge pump is attached to 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
49-19-02-100-801-A ♦	APU DRAIN SCAVENGE PUMP - CLEANING	AIRCRAFT WITH APU T-62T-40C14 AND POST-MOD. S.B. 145-49-0029



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TASK 49-19-02-100-801-A

EFFECTIVITY: AIRCRAFT WITH APU T-62T-40C14 AND POST-MOD. S.B. 145-49-0029

2. APU DRAIN SCAVENGE PUMP - CLEANING

A. General

- (1) This procedure gives the instructions to clean the APU-drain scavenge pump.

B. References

REFERENCE	DESIGNATION
AMM MPP 49-02-00/200	- MAINTENANCE PRACTICES
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		APU Cowling

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Workstand	To get access to the work area	1
Locally available	Dry and filtered compressed air source	To clean the APU-drain scavenge pump	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 49-02-00/200 TO PREVENT INJURY TO PERSONS AND DAMAGE TO MATERIAL.**

- (1) On the circuit breaker panel, open the APU FUEL SOV circuit breaker and attach a DO-NOT-CLOSE tag to it.



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- (2) On the left power control and distribution box, open the APU GEN START circuit breaker and attach a DO-NOT-CLOSE tag to it.
- (3) Put the work stand below the aircraft tail cone.
- (4) Remove the APU cowling ( [AMM TASK 49-15-00-000-801-A/400](#)).

J. Cleaning Procedure ([Figure 701](#))

SUBTASK 160-002-A

- (1) Put a plug at the APU-combustor drain hose (1) attached to the combustor-drain connection tube.
- (2) Connect a source of dry and clean compressed air to the drain tube outlet (3) to clean the APU-drain scavenge pump and remove possible blockage.  
**NOTE:** The blockage particles will go out through the APU-drain scavenge-pump inlet (2).
- (3) Clean the APU cowling.

K. Follow-on

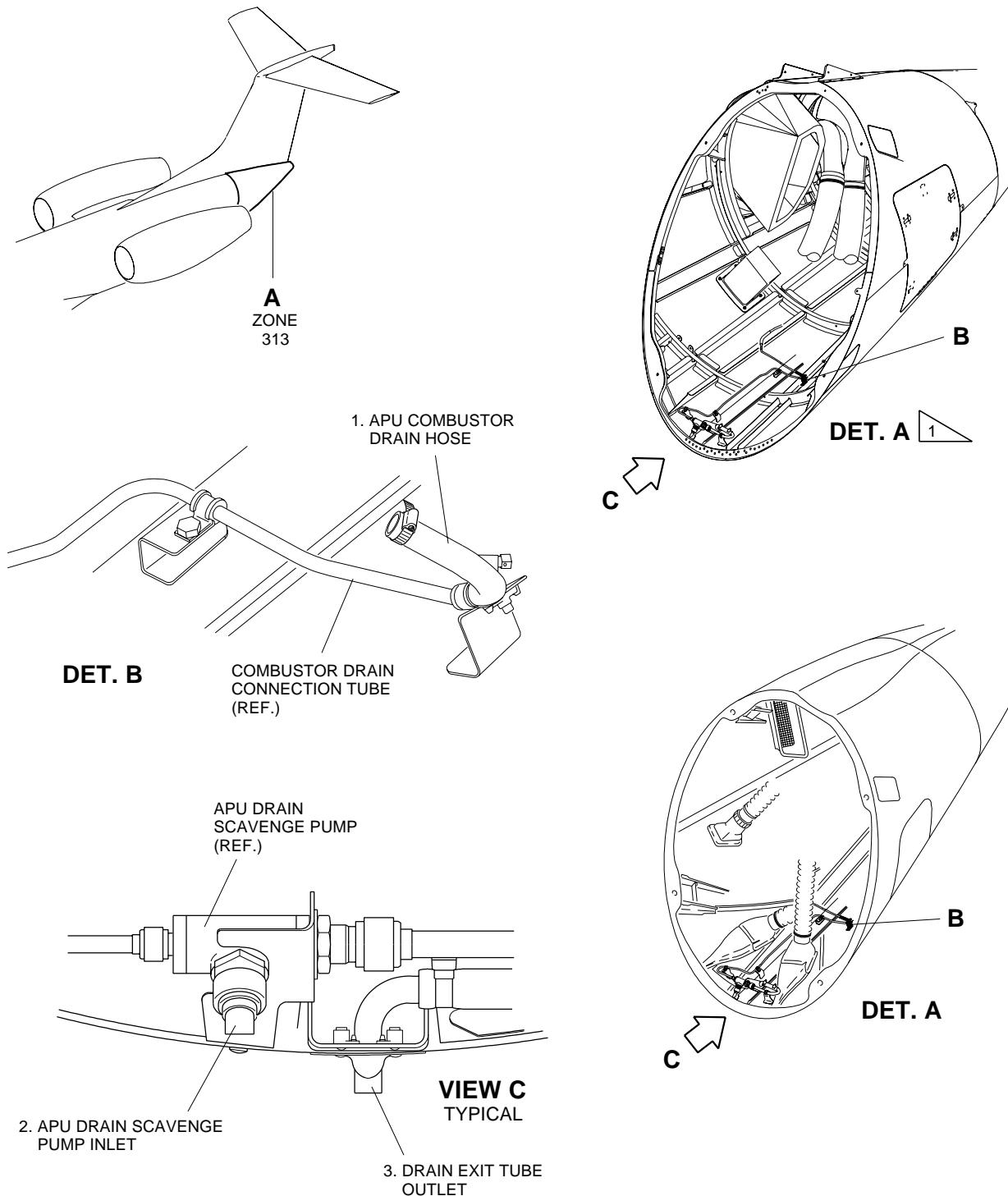
SUBTASK 842-002-A

- (1) Install the APU cowling ( [AMM TASK 49-15-00-400-801-A/400](#)).
- (2) Remove the work stand from the work area.
- (3) On the circuit breaker panel, remove the DO-NOT-CLOSE tag and close the APU FUEL SOV circuit breaker.
- (4) On the left power control and distribution box, remove the DO-NOT-CLOSE tag and close the APU GEN START circuit breaker.

**EFFECTIVITY: AIRCRAFT WITH APU T-62T-40C14 AND POST-MOD S.B. 145-49-0029**

APU Drain Scavenge Pump - Cleaning Procedure

Figure 701



**1** VALID FOR AIRCRAFT WITH APU COWLING 145-54858 SERIES.

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