



## AIRCRAFT MAINTENANCE MANUAL

### FLOW DIVIDER - REMOVAL/INSTALLATION

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

#### 1. General

- A. This section gives the procedures to remove/install the flow divider.
- B. 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
49-32-12-000-801-A	FLOW DIVIDER - REMOVAL	AIRCRAFT WITH APU T-62T-40C14
49-32-12-400-801-A	FLOW DIVIDER - INSTALLATION	AIRCRAFT WITH APU T-62T-40C14



EMB145 – EMB135

AIRCRAFT  
MAINTENANCE MANUAL

TASK 49-32-12-000-801-A

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

2. FLOW DIVIDER - REMOVAL

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), 49-32-02.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-42-00/100	-
AMM TASK 49-16-03-000-801-A/400	APU AIR-INLET COVER ASSEMBLY - REMOVAL

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
313		APU

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: MAKE SURE THAT THE APU CONTROL MASTER SWITCH IS IN THE "OFF" POSITION TO PREVENT AN APU ACCIDENTAL OPERATION.**

**CAUTION: MAKE SURE THAT THE FUEL SUPPLY TO THE APU IS SHUT OFF.**

- (1) On the circuit breaker panel, open these circuit breakers and attach DO-NOT-CLOSE tags to them:



## AIRCRAFT MAINTENANCE MANUAL

– 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) Open the APU cowling access panel 313CL (AMM MPP 06-42-00/100).
- (4) Remove the air inlet cover ([AMM TASK 49-16-03-000-801-A/400](#)), if applicable.
- (5) Put a container or drip pan under the APU to collect spilled fuel.

### J. Removal

#### SUBTASK 020-002-A

- (1) Remove the flow divider. Refer to the latest revision of Hamilton Sundstrand engine manual T-62T-40C14 (P/N 4504112), 49-32-02.



EMB145 – EMB135

AIRCRAFT  
MAINTENANCE MANUAL

TASK 49-32-12-400-801-A

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

3. FLOW DIVIDER - INSTALLATION

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), 49-32-02.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-42-00/100	-
AMM TASK 49-13-00-910-802-A/200	APU - START
AMM TASK 49-16-03-400-801-A/400	APU AIR-INLET COVER ASSEMBLY - INSTALLATION

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
313		APU

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 Flow Divider. Refer to the latest revision of Hamilton Sundstrand engine manual T-62T-40C14 (P/N 4504112), 49-32-02.



EMB145 – EMB135

AIRCRAFT  
MAINTENANCE MANUAL

J. Follow-on

SUBTASK 842-002-A

- (1) Remove the container or drip pan from APU.
- (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 49-13-00-910-802-A/200](#)) and examine the fuel lines and connections for leaks. Repair if necessary.
- (5) Install the air inlet cover assembly ([AMM TASK 49-16-03-400-801-A/400](#)), if applicable.
- (6) Install the APU cowling access panel 313CL (AMM MPP 06-42-00/100).

