

## FUEL MANIFOLD - REMOVAL/INSTALLATION

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

### 1. General

- A. This section gives the procedures to remove/install the APU primary and secondary fuel manifold.
- 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
49-32-06-000-801-A	PRIMARY FUEL MANIFOLD - REMOVAL	AIRCRAFT WITH APU T-62T-40C14
49-32-06-400-801-A	PRIMARY FUEL MANIFOLD - INSTALLATION	AIRCRAFT WITH APU T-62T-40C14
49-32-06-000-803-A	SECONDARY FUEL MANIFOLD - REMOVAL	AIRCRAFT WITH APU T-62T-40C14
49-32-06-400-803-A	SECONDARY FUEL MANIFOLD - INSTALLATION	AIRCRAFT WITH APU T-62T-40C14

TASK 49-32-06-000-801-A

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

## 2. PRIMARY FUEL MANIFOLD - 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), 49-31-05.

### B. References

REFERENCE	DESIGNATION
<a href="#">AMM TASK 49-15-00-000-801-A/400</a>	APU COWLING - REMOVAL

### C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
313	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:
- 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 or drip pan under the APU to collect spilled fuel.

J. Removal

*SUBTASK 020-002-A*

- (1) Remove the APU primary fuel manifold. Refer to the latest revision of Hamilton Sundstrand engine manual T-62T-40C14 (P/N 4504112), 49-31-05.

TASK 49-32-06-400-801-A

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

### 3. PRIMARY FUEL MANIFOLD - 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), 49-31-05.

#### B. References

REFERENCE	DESIGNATION
<a href="#">AMM TASK 49-13-00-910-802-A/200</a>	APU - START
<a href="#">AMM TASK 49-15-00-400-801-A/400</a>	APU COWLING - INSTALLATION

#### C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
313	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 APU primary fuel manifold. Refer to the latest revision of Hamilton Sundstrand engine manual T-62T-40C14 (P/N 4504112), 49-31-05.

#### 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 APU cowling ( [AMM TASK 49-15-00-400-801-A/400](#)).

TASK 49-32-06-000-803-A

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

#### 4. SECONDARY FUEL MANIFOLD - 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), 49-31-06.

##### B. References

REFERENCE	DESIGNATION
<a href="#">AMM TASK 49-15-00-000-801-A/400</a>	APU COWLING - REMOVAL

##### C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
313	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 841-003-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:

– 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 or drip pan under the APU to collect spilled fuel.

J. Removal

*SUBTASK 020-003-A*

- (1) Remove the APU secondary fuel manifold. Refer to the latest revision of Hamilton Sundstrand engine manual T-62T-40C14 (P/N 4504112), 49-31-06.

TASK 49-32-06-400-803-A

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

**5. SECONDARY FUEL MANIFOLD - 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), 49-31-06.

**B. References**

REFERENCE	DESIGNATION
<a href="#">AMM TASK 49-13-00-910-802-A/200</a>	APU - START
<a href="#">AMM TASK 49-15-00-400-801-A/400</a>	APU COWLING - INSTALLATION

**C. Zones and Accesses**

ZONE	PANEL/DOOR	LOCATION
313	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 420-003-A***

- (1) Install the APU secondary fuel manifold. Refer to the latest revision of Hamilton Sundstrand engine manual T-62T-40C14 (P/N 4504112), 49-31-06.

**J. Follow-on**

***SUBTASK 842-003-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 APU cowling ( [AMM TASK 49-15-00-400-801-A/400](#)).

