

DUPLEX FUEL NOZZLE ASSEMBLY - REMOVAL/INSTALLATION

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

1. General

- A. This section gives the procedures to remove/install the duplex fuel nozzle assembly.
- 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 |
|--------------------|--|-------------------------------|
| 49-32-05-000-801-A | DUPLEX FUEL NOZZLE ASSEMBLY - REMOVAL | AIRCRAFT WITH APU T-62T-40C14 |
| 49-32-05-400-801-A | DUPLEX FUEL NOZZLE ASSEMBLY - INSTALLATION | AIRCRAFT WITH APU T-62T-40C14 |

TASK 49-32-05-000-801-A

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

2. DUPLEX FUEL NOZZLE ASSEMBLY - 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), 49-31-04.

B. References

| REFERENCE | DESIGNATION |
|---|-------------------------|
| AMM MPP 49-02-00/200 | - MAINTENANCE PRACTICES |
| AMM TASK 49-15-00-000-801-A/400 | 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 work area | 1 |

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

| QTY | FUNCTION | PLACE |
|-----|---------------|-------|
| 1 | Does the task | APU |

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 THE PERSONS AND DAMAGE TO THE MATERIAL.

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 duplex fuel nozzle assembly. Refer to the latest revision of Hamilton Sundstrand engine manual T-62T-40C14 (P/N 4504112), 49-31-04.

TASK 49-32-05-400-801-A

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

3. DUPLEX FUEL NOZZLE ASSEMBLY - 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), 49-31-04.

B. References

| REFERENCE | DESIGNATION |
|---|----------------------------|
| AMM TASK 49-13-00-910-802-A/200 | APU - START |
| AMM TASK 49-15-00-400-801-A/400 | 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 work area | 1 |

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

| QTY | FUNCTION | PLACE |
|-----|---------------|-------|
| 1 | Does the task | APU |

I. Installation

SUBTASK 420-002-A

- (1) Install the duplex fuel nozzle assembly. Refer to the latest revision of Hamilton Sundstrand engine manual T-62T-40C14 (P/N 4504112), 49-31-04.

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](#)).

