

IGNITER PLUG - REMOVAL/INSTALLATION

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

1. General

- A. This section gives the procedures to remove/install the igniter plug.
- 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 |
|--------------------|-----------------------------|----------------------------------|
| 49-44-03-000-801-A | IGNITER PLUG - REMOVAL | AIRCRAFT WITH APU T-62T-40C14 |
| 49-44-03-400-801-A | IGNITER PLUG - INSTALLATION | AIRCRAFT WITH APU T-62T-40C14 |

TASK 49-44-03-000-801-A

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

2. IGNITER PLUG - 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), 49-42-01.

B. References

| REFERENCE | DESIGNATION |
|---|---------------------|
| AMM TASK 53-32-00-000-801-A/400 | TAIL CONE - 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.

- (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 tail cone ([AMM TASK 53-32-00-000-801-A/400](#)).

J. Removal

SUBTASK 020-002-A

WARNING: THE OUTPUT VOLTAGE OF THE IGNITION EXCITER CAN BE FATAL. MAKE SURE THAT THE POWER IS REMOVED OF THE IGNITION SYSTEM FOR A MINIMUM OF 6 MINUTES BEFORE ANY DISCONNECTIONS ARE MADE.

- (1) Remove the APU igniter plug. Refer to the latest revision of Hamilton Sundstrand engine manual T-62T-40C14 (P/N 4504112), 49-42-01.

TASK 49-44-03-400-801-A

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

3. IGNITER PLUG - 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), 49-42-01.

B. References

| REFERENCE | DESIGNATION |
|---|--------------------------|
| AMM TASK 53-32-00-400-801-A/400 | TAIL CONE - 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 igniter plug. Refer to the latest revision of Hamilton Sundstrand engine manual T-62T-40C14 (P/N 4504112), 49-42-01.

J. Follow-on

SUBTASK 842-002-A

- (1) Remove the DO-NOT-CLOSE tags and close these circuit breakers.
- APU FUEL SOV.

- (2) On the left power control and distribution box, remove the DO-NOT-CLOSE tag and close the APU GEN START circuit breaker.
- (3) Install the tail cone ([AMM TASK 53-32-00-400-801-A/400](#)).

