

## IGNITER PLUG - REMOVAL/INSTALLATION

*EFFECTIVITY: AIRCRAFT WITH APU T-62T-40C11*

### 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                      |
|--------------------|-----------------------------|----------------------------------|
| 49-41-03-000-801-A | IGNITER PLUG - REMOVAL      | AIRCRAFT WITH APU<br>T-62T-40C11 |
| 49-41-03-400-801-A | IGNITER PLUG - INSTALLATION | AIRCRAFT WITH APU<br>T-62T-40C11 |

TASK 49-41-03-000-801-A

EFFECTIVITY: AIRCRAFT WITH APU T-62T-40C11

## 2. IGNITER PLUG - REMOVAL

### A. General

- (1) To do this task, refer to the instructions given in the latest revision of Hamilton Sundstrand bulletin 40C11-1 engine manual P/N 4501966.

### B. References

| REFERENCE                                       | DESIGNATION           |
|---|-----------------------|
| <a href="#">AMM TASK 49-11-00-000-801-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.**

- (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 49-11-00-000-801-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 bulletin 40C11-1 engine manual P/N 4501966.

TASK 49-41-03-400-801-A

EFFECTIVITY: AIRCRAFT WITH APU T-62T-40C11

### 3. IGNITER PLUG - INSTALLATION

#### A. General

- (1) To do this task, refer to the instructions given in the latest revision of Hamilton Sundstrand bulletin 40C11-1 engine manual P/N 4501966.

#### B. References

| REFERENCE                                       | DESIGNATION                |
|---|----------------------------|
| <a href="#">AMM TASK 49-11-00-400-801-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 igniter plug. Refer to the latest revision of Hamilton Sundstrand bulletin 40C11-1 engine manual P/N 4501966.

#### 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 APU cowling ( [AMM TASK 49-11-00-400-801-A/400](#)).

