

IGNITION EXCITER - REMOVAL/INSTALLATION

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

1. General

- A. This section gives the procedures to remove/install the ignition exciter.
- 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
49-44-02-000-801-A	IGNITION EXCITER - REMOVAL	AIRCRAFT WITH APU T-62T-40C14
49-44-02-400-801-A	IGNITION EXCITER - INSTALLATION	AIRCRAFT WITH APU T-62T-40C14

TASK 49-44-02-000-801-A

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

2. IGNITION EXCITER - 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), 49-41-01.

B. References

REFERENCE	DESIGNATION
AMM 06-42-01/101	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
313	313CL	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 access panel 313CL (AMM 06-42-01/101).

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 ignition exciter. Refer to the latest revision of Hamilton Sundstrand engine manual T-62T-40C14 (P/N 4504112), 49-41-01.

TASK 49-44-02-400-801-A

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

3. IGNITION EXCITER - 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), 49-41-01.

B. References

REFERENCE	DESIGNATION
AMM 06-42-01/101	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
313	313CL	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 ignition exciter. Refer to the latest revision of Hamilton Sundstrand engine manual T-62T-40C14 (P/N 4504112), 49-41-01.

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 APU cowling access panel 313CL (AMM 06-42-01/101).

