



AIRCRAFT MAINTENANCE MANUAL

IGNITER PLUG - INSPECTION/CHECK

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

1. General

- A. This section gives the procedures to do a detailed inspection on the APU 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
49-41-03-200-801-A ♦	IGNITER PLUG - INSPECTION	AIRCRAFT WITH APU T-62T-40C11



AIRCRAFT MAINTENANCE MANUAL

EMB145 – EMB135

TASK 49-41-03-200-801-A

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

2. IGNITER PLUG - INSPECTION

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
AMM TASK 49-11-00-000-801-A/400	APU COWLING - REMOVAL
AMM TASK 49-11-00-400-801-A/400	APU COWLING - INSTALLATION

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
313		APU Cowling

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: THE IGNITION SYSTEM VOLTAGE IS DANGEROUSLY HIGH AND CAN KILL OR CAUSE INJURY TO THE PERSONS. MAKE SURE THAT THE IGNITION SYSTEM IS SET TO OFF FOR A MINIMUM OF SIX (6) MINUTES, BEFORE YOU START THE WORK ON THE IGNITION SYSTEM COMPONENTS.

- (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](#)) to get access to the APU.
- (4) Remove the igniter plug. Refer to the latest revision of Hamilton Sundstrand bulletin 40C11-1 engine manual P/N 4501966.

J. Inspect (Detailed Inspection) Igniter Plug (Erosion/Crack/Deterioration) ([Figure 601](#))

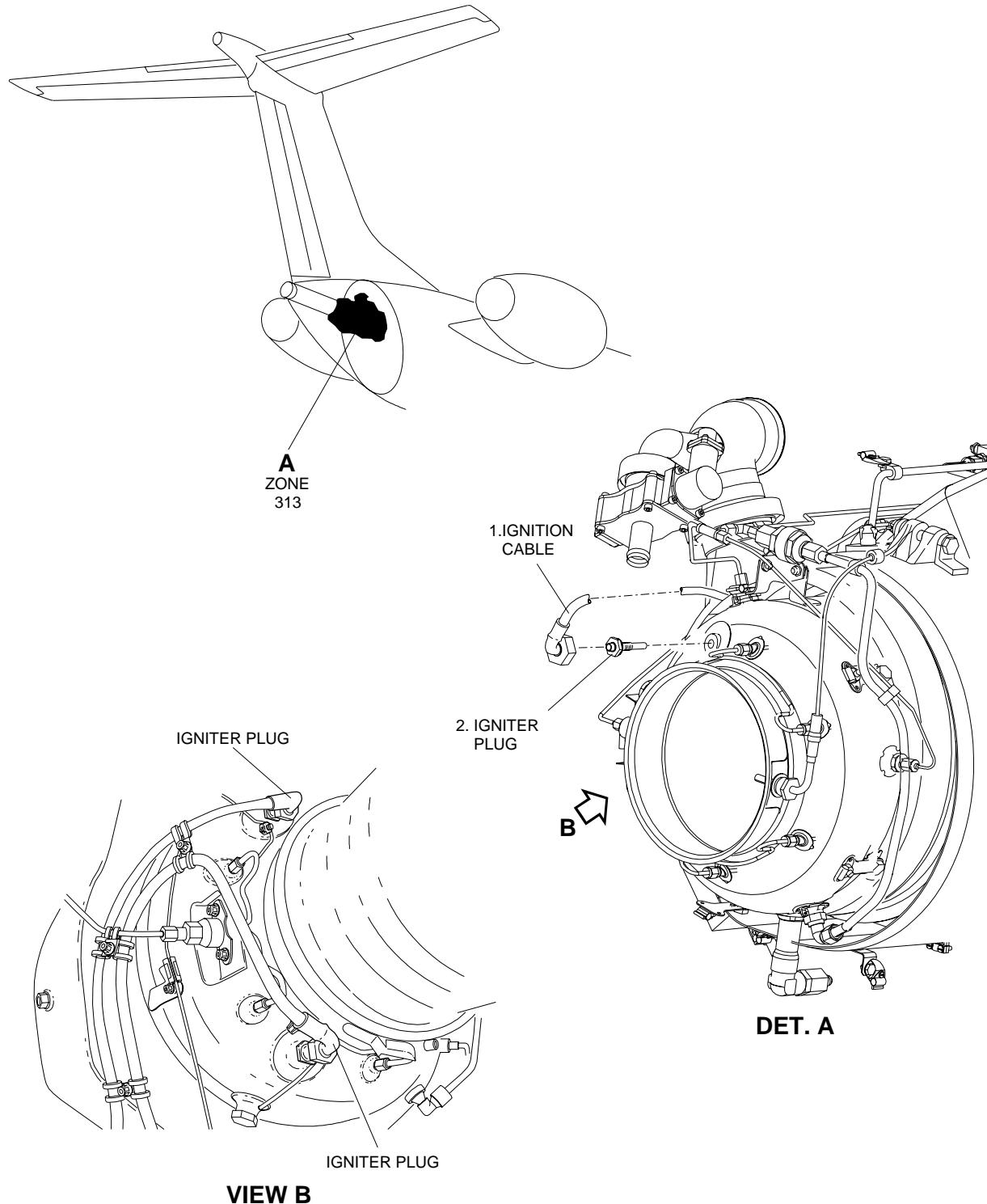
SUBTASK 220-002-A

- (1) Do a detailed inspection on the igniter plug for erosion, cracks or deterioration. Refer to the latest revision of Hamilton Sundstrand bulletin 40C11-1 engine manual P/N 4501966.

K. Follow-on

SUBTASK 842-002-A

- (1) Install the igniter plug. Refer to the latest revision of Hamilton Sundstrand bulletin 40C11-1 engine manual P/N 4501966.
- (2) Install the APU cowling ([AMM TASK 49-11-00-400-801-A/400](#)).
- (3) On the circuit breaker panel, remove the DO-NOT-CLOSE tags and close these circuit breakers.
 - APU FUEL SOV.
- (4) On the left power control and distribution box, remove the DO-NOT-CLOSE tag and close the APU GEN START circuit breaker.

EFFECTIVITY: AIRCRAFT WITH APU T-62T-40C11
Igniter Plug - Component Location
Figure 601


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