

APU FIRE WARNING - INSPECTION/CHECK

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to do an inspection on the aircraft after an APU fire warning.
- 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).

<i>TASK NUMBER</i>	<i>DESCRIPTION</i>	<i>EFFECTIVITY</i>
05-50-11-200-801-A	APU FIRE WARNING	ALL

TASK 05-50-11-200-801-A
EFFECTIVITY: ALL

2. APU FIRE WARNING

A. General

(1) This inspection procedure is applicable after an APU fire warning.

B. References

REFERENCE	DESIGNATION
AMM TASK 12-12-02-600-801-A/300	AUXILIARY-POWER-UNIT FILLING
AMM TASK 24-34-01-200-801-A/600	APU STARTER/GENERATOR BRUSHES - DETAILED VISUAL INSPECTION
AMM TASK 24-34-01-200-802-A/600	APU STARTER/GENERATOR INSTALLATION - VISUAL INSPECTION
AMM TASK 49-10-00-910-802-A/200	APU - START
AMM TASK 49-11-01-200-801-A/600	APU AND STARTER-GENERATOR AIR INTAKE AND EXHAUST DUCTS - INSPECTION
AMM TASK 49-12-02-200-801-A/600	APU ELASTOMERIC MOUNTS - INSPECTION
AMM TASK 49-13-00-910-802-A/200	APU - START
AMM TASK 49-15-01-200-801-A/600	APU AND STARTER-GENERATOR AIR INTAKE AND EXHAUST DUCTS - INSPECTION
AMM TASK 49-16-02-200-801-A/600	APU AIR-INLET DUCT - INSPECTION
AMM TASK 49-20-60-200-801-A/600	APU AIR INLET DUCT HOUSING ASSEMBLY - INSPECTION
AMM TASK 49-41-01-200-801-A/600	APU IGNITION CABLE - INSPECTION
AMM TASK 49-41-03-200-801-A/600	IGNITER PLUG - INSPECTION
AMM TASK 49-44-03-200-801-A/600	IGNITER PLUG - INSPECTION
AMM TASK 49-52-01-200-801-A/600	APU COMPARTMENT COOLING AIR INTAKE - INSPECTION
AMM TASK 49-61-04-200-801-A/600	APU ENGINE HARNESSSES - INSPECTION
AMM TASK 49-64-04-200-801-A/600	APU ENGINE HARNESSSES - INSPECTION
AMM TASK 49-91-02-200-801-A/600	MAGNETIC DRAIN PLUG - INSPECTION
AMM TASK 49-96-02-200-801-A/600	MAGNETIC DRAIN PLUG - INSPECTION
NDI 53-32-00 PART I, SMRD Task Number: 53-32-00-210-801-A	-

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	APU

I. Inspection

SUBTASK 200-002-A

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

- (1) Examine the APU engine, APU compartment, tail cone, and related equipments, according to the procedures listed below:
 - (a) Examine the APU and starter-generator air intake and exhaust ducts ([AMM TASK 49-11-01-200-801-A/600](#)).
 - (b) Examine the APU elastomeric mounts ([AMM TASK 49-12-02-200-801-A/600](#)).
 - (c) Examine the APU air inlet duct ([AMM TASK 49-16-02-200-801-A/600](#)).
 - (d) Examine the APU air inlet duct housing assembly ([AMM TASK 49-20-60-200-801-A/600](#)).
 - (e) Examine the ignition cable ([AMM TASK 49-41-01-200-801-A/600](#)).
 - (f) Examine the igniter plug ([AMM TASK 49-41-03-200-801-A/600](#)).
 - (g) Examine the APU compartment cooling air intake ([AMM TASK 49-52-01-200-801-A/600](#)).
 - (h) Examine the APU engine harnesses ([AMM TASK 49-61-04-200-801-A/600](#)).
 - (i) Examine the magnetic drain plug ([AMM TASK 49-91-02-200-801-A/600](#)).
 - (j) Fill the Auxiliary Power Unit with oil ([AMM TASK 12-12-02-600-801-A/300](#)).
 - (k) Examine the APU starter generator ([AMM TASK 24-34-01-200-801-A/600](#) and [AMM TASK 24-34-01-200-802-A/600](#)).
 - (l) Internally inspect the fuselage components (NDI 53-32-00 PART I, SMRD Task Number: 53-32-00-210-801-A).
- (2) Examine the APU cowling for general condition and paint for discoloration or blistering.

- NOTE:**
- A light brown color shows that the parts were at temperatures near 150°C-200°C (300°F-400°F).
 - A dark brown color shows that the area received too much heat.

- (3) Replace the parts that shows a dark brown color.
- (4) Carry out an APU start procedure ([AMM TASK 49-10-00-910-802-A/200](#)).

J. Inspection

SUBTASK 200-003-A

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

- (1) Examine the APU engine, APU compartment, tail cone, and related equipments, according to the procedures listed below:
 - (a) Examine the APU and starter-generator air intake and exhaust ducts ([AMM TASK 49-15-01-200-801-A/600](#)).
 - (b) Examine the APU elastomeric mounts ([AMM TASK 49-12-02-200-801-A/600](#)).
 - (c) Examine the APU air inlet duct ([AMM TASK 49-16-02-200-801-A/600](#)).
 - (d) Examine the APU air inlet duct housing assembly ([AMM TASK 49-20-60-200-801-A/600](#)).
 - (e) Examine the ignition cable ([AMM TASK 49-41-01-200-801-A/600](#)).
 - (f) Examine the igniter plug ([AMM TASK 49-44-03-200-801-A/600](#)).
 - (g) Examine the APU engine harnesses ([AMM TASK 49-64-04-200-801-A/600](#)).
 - (h) Examine the magnetic drain plug ([AMM TASK 49-96-02-200-801-A/600](#)).
 - (i) Fill the Auxiliary Power Unit with oil ([AMM TASK 12-12-02-600-801-A/300](#)).
 - (j) Examine the APU starter generator ([AMM TASK 24-34-01-200-801-A/600](#) and [AMM TASK 24-34-01-200-802-A/600](#)).
 - (k) Internally inspect the fuselage components (NDI 53-32-00 PART I, SMRD Task Number: 53-32-00-210-801-A).
- (2) Examine the APU cowling for general condition and paint for discoloration or blistering.

NOTE:

 - A light brown color shows that the parts were at temperatures near 150°C-200°C (300°F-400°F).
 - A dark brown color shows that the area received too much heat.
- (3) Replace the parts that shows a dark brown color.
- (4) Carry out an APU start procedure ([AMM TASK 49-13-00-910-802-A/200](#)).