



AIRCRAFT
MAINTENANCE MANUAL

ELECTRICAL HARNESS - INSPECTION/CHECK

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to do the inspection of the ignition electrical harness.
- 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
74-30-02-200-801-A	IGNITION ELECTRICAL HARNESS - IN-SPECTION	ALL



EMB145 – EMB135

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TASK 74-30-02-200-801-A

EFFECTIVITY: ALL

2. IGNITION ELECTRICAL HARNESS - INSPECTION

A. General

- (1) This task gives the procedures to do the visual inspection of the Ignition Electrical Harness for general condition and to make sure it is not rubbed.

B. References

REFERENCE	DESIGNATION
AMM TASK 71-12-01-000-801-A/400	ENGINE LOWER COWLING - OPENING
AMM TASK 71-12-01-400-801-A/400	ENGINE LOWER COWLING - CLOSING

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
413	Lower Cowling	LH Engine
423	Lower Cowling	RH Engine

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Workstand	To get access to the engine	1

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Engine

I. Preparation

SUBTASK 841-002-A

- (1) Open the lower cowling (AMM TASK 71-12-01-000-801-A/400) to get access to the ignition electrical harness.



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J. Inspect Electrical Harness

SUBTASK 212-002-A

WARNING: THE IGNITION SYSTEM VOLTAGE IS DANGEROUSLY HIGH AND CAN KILL OR CAUSE INJURY TO 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) Do a general visual inspection of the ignition electrical harness from the PMA to the Engine Service Panels for general condition and to make sure that it is not rubbed.

K. Follow-on

SUBTASK 842-002-A

- (1) Close the lower cowling ([AMM TASK 71-12-01-400-801-A/400](#)).

