



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

MAIN GENERATOR - INSPECTION/CHECK

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to do the visual inspection of the main generator installation and refers you to the publication necessary to put the main generator back to a serviceable condition.
- B. Main generators 1 and 3 are installed below the LH engine.
- C. Main generators 2 and 4 are installed below the RH engine.
- D. You can get access to main generators 1 and 3 through lower cowling 413.
- E. You can get access to main generators 2 and 4 through lower cowling 423.
- F. 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
24-31-01-200-801-A	MAIN GENERATOR INSTALLATION - VISUAL INSPECTION	ALL



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TASK 24-31-01-200-801-A

EFFECTIVITY: ALL

2. MAIN GENERATOR INSTALLATION - VISUAL INSPECTION

A. General

- (1) The function of this inspection is to make sure that the main generator installation is in good general conditions.
- (2) Do this inspection together with the inspection of the engines.

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
410	413	LH engine
420	423	RH engine

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	Engines

I. Preparation

SUBTASK 841-002-A

- (1) Open LH lower cowling 413 ([AMM TASK 71-12-01-000-801-A/400](#)).
- (2) Open RH lower cowling 423 ([AMM TASK 71-12-01-000-801-A/400](#)).
- (3) The inspection is made in usually available lighting conditions (daylight, hangar lighting, flashlights, or droplight).



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J. Inspection Procedures ([Figure 601](#))

SUBTASK 212-002-A

- (1) Do the inspection as follows:
 - (a) Examine main generators 1, 2, 3, and 4, air ducts, clamps, and electrical cables for general conditions, clear deterioration, damage, or irregularity condition.
 - (b) Examine the electrical connections for overheating or discoloration.

K. Follow-on

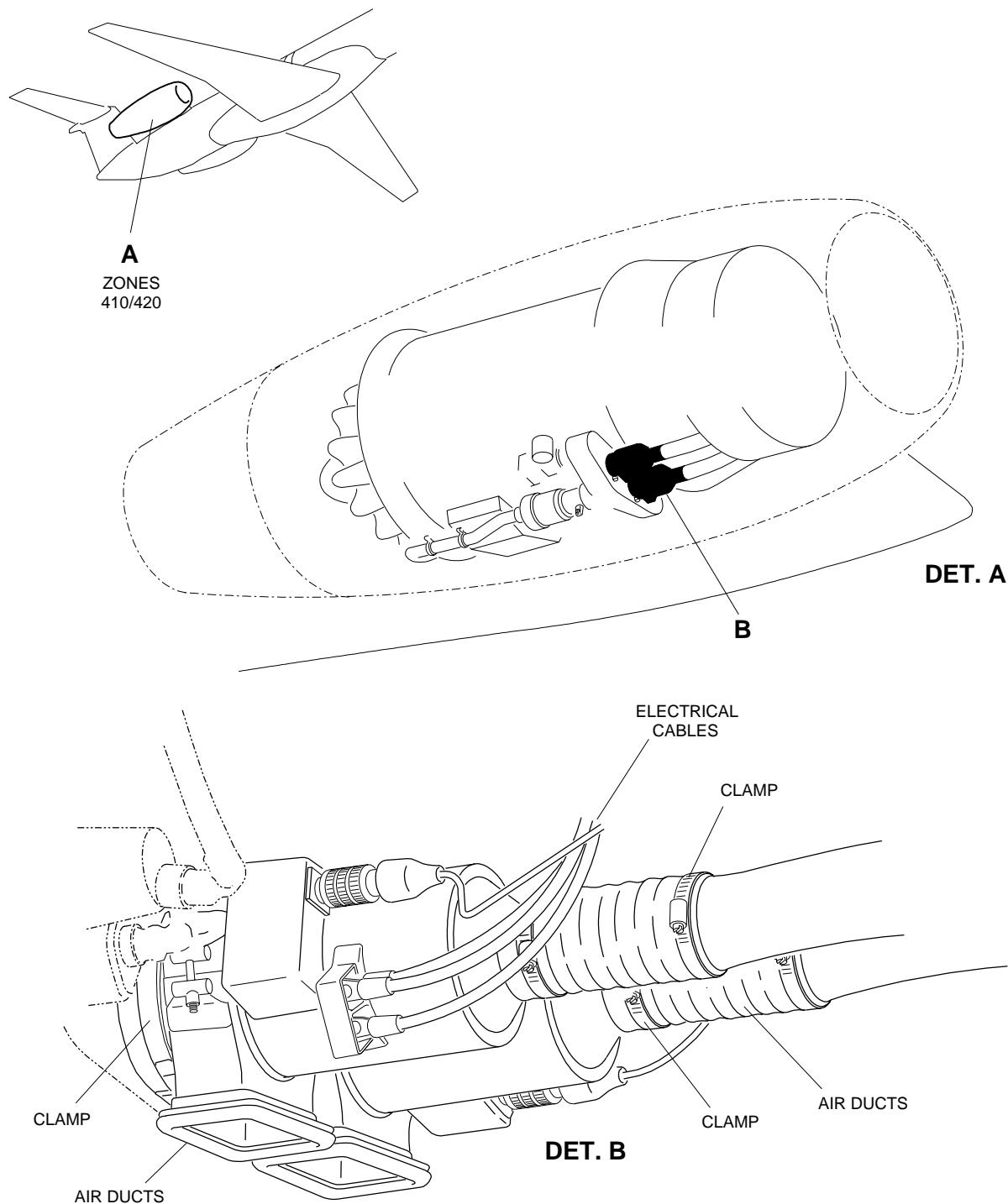
SUBTASK 842-002-A

- (1) Close LH lower cowling 413 ([AMM TASK 71-12-01-400-801-A/400](#)).
- (2) Close RH lower cowling 423 ([AMM TASK 71-12-01-400-801-A/400](#)).

EFFECTIVITY: ALL

Main Generator Installation Visual Inspection

Figure 601



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