



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

MAIN GENERATOR - MAINTENANCE PRACTICES

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
24-31-01-900-801-A ♦	MAIN GENERATOR - RESTORE	ALL



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TASK 24-31-01-900-801-A

EFFECTIVITY: ALL

2. MAIN GENERATOR - RESTORE

A. General

- (1) This procedure refers you to the publication which will help you to put the main generator back to a serviceable condition.

B. References

REFERENCE	DESIGNATION
AMM TASK 24-31-01-000-801-A/400	MAIN GENERATOR - REMOVAL
AMM TASK 24-31-01-400-801-A/400	MAIN GENERATOR - INSTALLATION
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		LH engine
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) To do the restoration of main generators 1 and 3, open LH lower cowling 413 ([AMM TASK 71-12-01-000-801-A/400](#)).
- (2) To do the restoration of main generators 2 and 4, open RH lower cowling 423 ([AMM TASK 71-12-01-000-801-A/400](#)).



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J. Restore Main Generator ([Figure 201](#))

SUBTASK 900-002-A

- (1) Replace the main generator with other in conditions for flight ([AMM TASK 24-31-01-000-801-A/400](#)) and ([AMM TASK 24-31-01-400-801-A/400](#)).
- (2) Refer to the latest revision of the Component Maintenance Manual with Illustrated Parts List for DC Generator, 30086 Series II, by Lucas Aerospace, to put the main generator back to a serviceable condition.

K. Follow-on

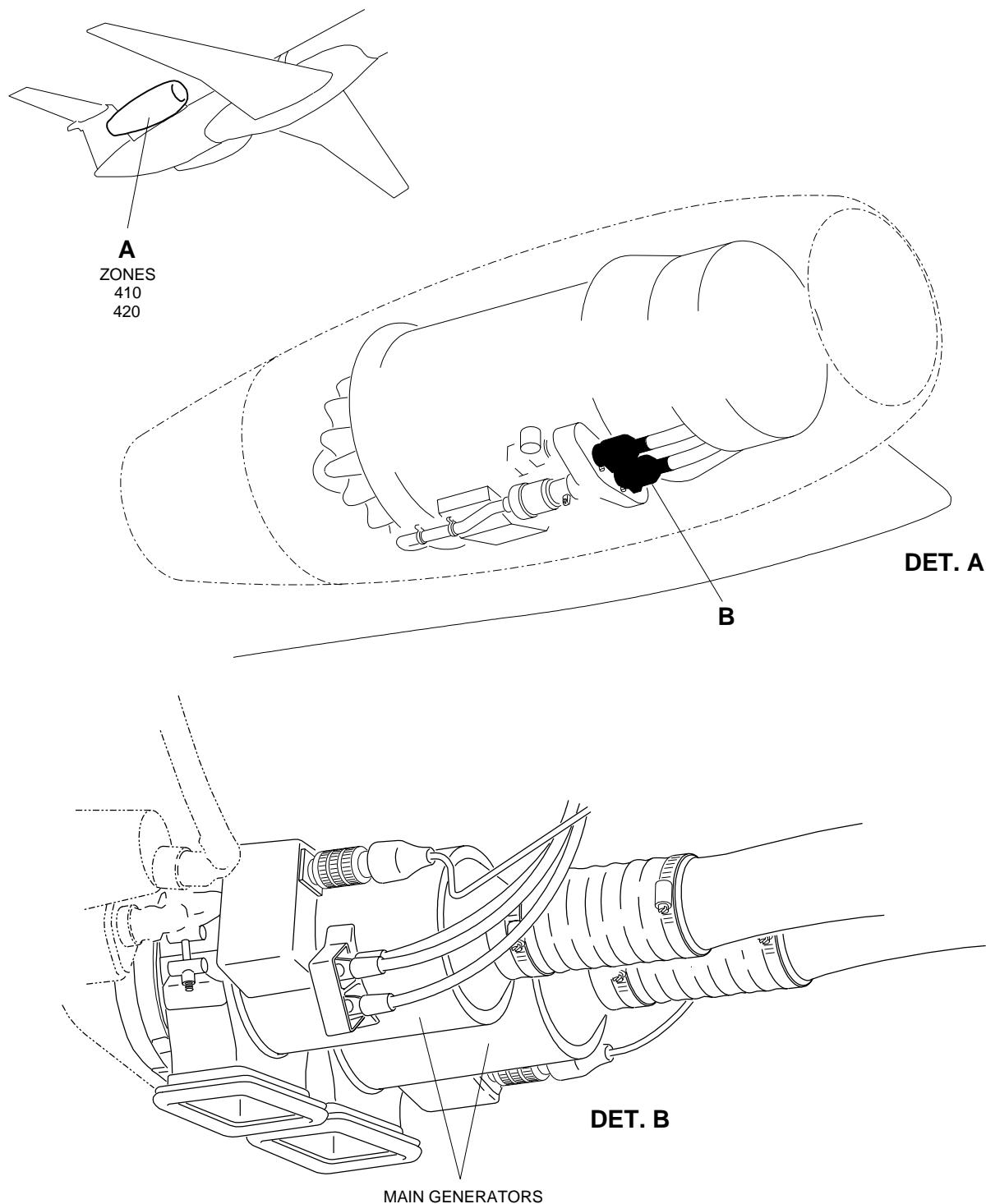
SUBTASK 842-002-A

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

EFFECTIVITY: ALL

Main Generator - Restoration

Figure 201



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