



AIRCRAFT MAINTENANCE MANUAL

BACKUP BATTERY RELAY BOX - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove and install the backup-battery relay box.
- 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 |
|--------------------|--|-------------|
| 24-35-02-000-801-A | BACKUP-BATTERY RELAY BOX - RE- MOVAL | ALL |
| 24-35-02-400-801-A | BACKUP-BATTERY RELAY BOX - IN- STALLATION | ALL |



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TASK 24-35-02-000-801-A

EFFECTIVITY: ALL

2. BACKUP-BATTERY RELAY BOX - REMOVAL

A. General

- (1) This procedure gives the instructions to remove the backup-battery relay box.

B. References

| REFERENCE | DESIGNATION |
|---|---|
| AMM MPP 06-41-01/100 | - |
| AMM TASK 24-35-01-000-801-A/400 | BACKUP BATTERY - REMOVAL |
| AMM TASK 29-10-00-860-802-A/200 | HYDRAULIC SYSTEM - PRESSURIZATION WITH EMDP |
| AMM TASK 32-00-01-910-801-A/200 | LG SAFETY PIN - INSTALLATION AND REMOVAL |
| AMM TASK 32-00-02-910-801-A/200 | SAFETY PIN OF THE NLG DOORS SOLENOID VALVE - INSTALLATION AND REMOVAL |
| S.B.145-32-0036 | - |

C. Zones and Accesses

| ZONE | PANEL/DOOR | LOCATION |
|------|------------|--------------------------------|
| 114 | 114AZ | Forward electronic compartment |
| 114 | 114BZ | Forward electronic compartment |

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 | At the forward electronic compartment |

I. Preparation

SUBTASK 841-002-A

- (1) Make sure that the nose-landing-gear safety pin ([AMM TASK 32-00-01-910-801-A/200](#)) is installed.



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- (2) On aircraft PRE-MOD [S.B.145-32-0036](#), make sure that the pressure in hydraulic system 1 is fully released ([AMM TASK 29-10-00-860-802-A/200](#)).
- (3) On aircraft POST-MOD [S.B.145-32-0036](#), install the safety pin of the NLG-door solenoid valve ([AMM TASK 32-00-02-910-801-A/200](#)).
- (4) Remove the backup battery ([AMM TASK 24-35-01-000-801-A/400](#)).
- (5) Open access panels 114AZ and 114BZ(AMM MPP 06-41-01/100).

J. Removal ([Figure 401](#))

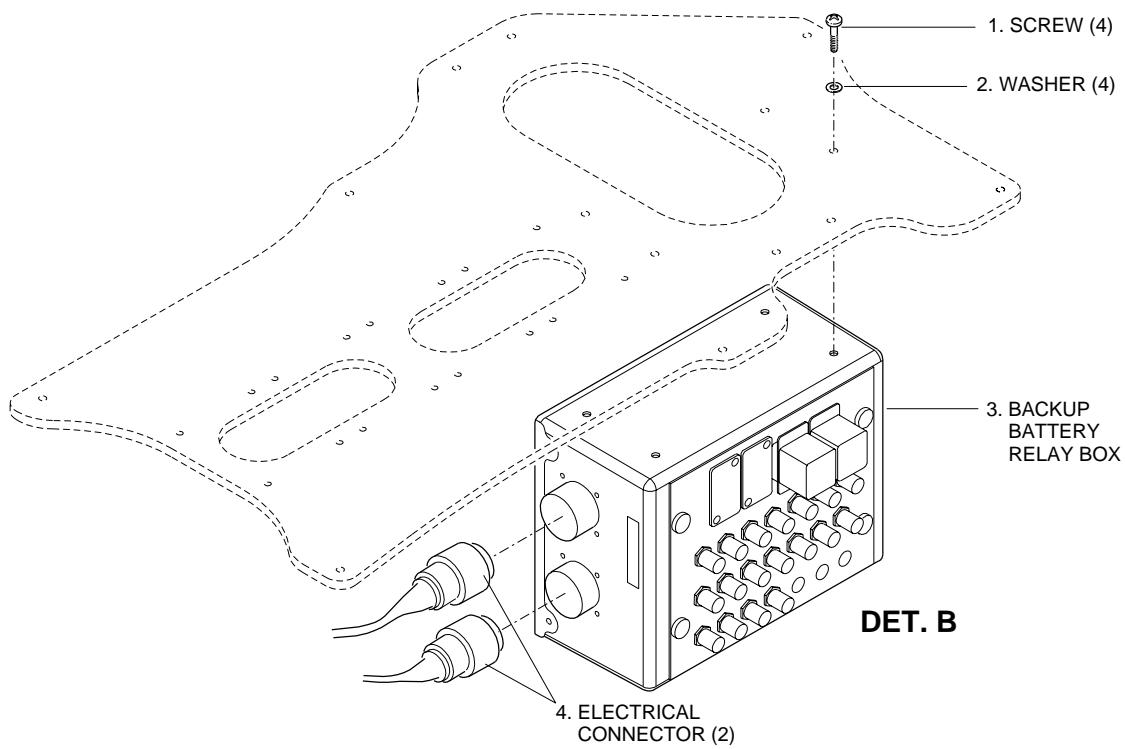
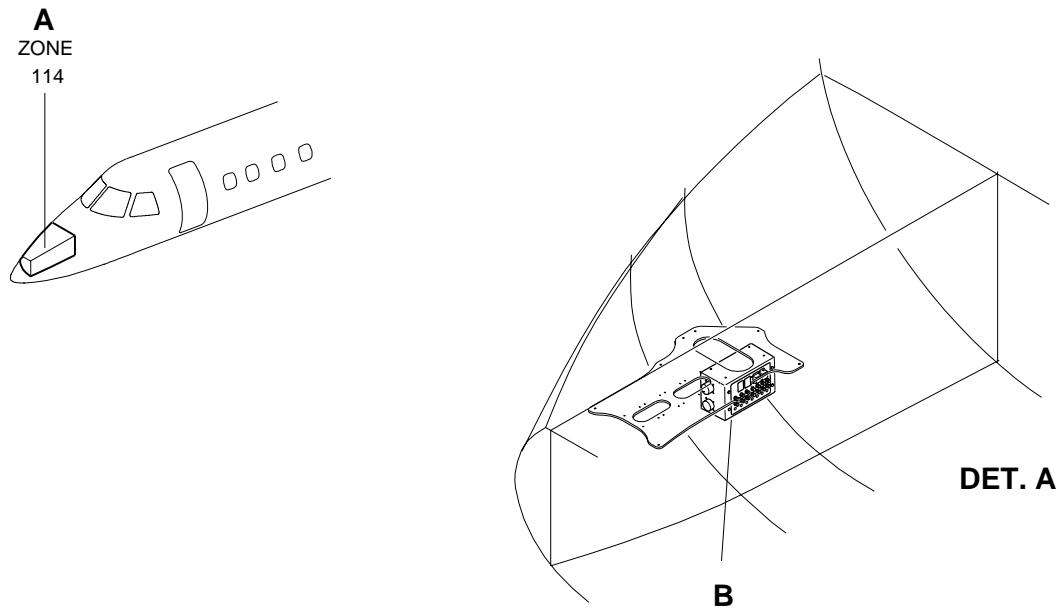
SUBTASK 020-002-A

- (1) Disconnect the two electrical connectors (4) from the backup-battery relay box (3).
- (2) Remove the four screws (1) and four washers (2) which attach the backup-battery relay box (3) to the aircraft.
- (3) Remove the backup-battery relay box (3).

EFFECTIVITY: ALL

Backup-Battery Relay Box - Removal/Installation

Figure 401



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TASK 24-35-02-400-801-A

EFFECTIVITY: ALL

3. BACKUP-BATTERY RELAY BOX - INSTALLATION

A. General

- (1) This procedure gives the instructions to install the backup-battery relay box.

B. References

| REFERENCE | DESIGNATION |
|---------------------------------|---|
| AMM MPP 06-41-01/100 | - |
| AMM TASK 24-35-00-700-801-A/500 | BACK-UP BATTERY SYSTEM - OPERATIONAL TEST |
| AMM TASK 24-35-01-400-801-A/400 | BACKUP BATTERY - INSTALLATION |
| AMM TASK 32-00-02-910-801-A/200 | SAFETY PIN OF THE NLG DOORS SOLENOID VALVE - INSTALLATION AND REMOVAL |
| S.B.145-32-0036 | - |

C. Zones and Accesses

| ZONE | PANEL/DOOR | LOCATION |
|------|------------|--------------------------------|
| 114 | 114AZ | Forward electronic compartment |
| 114 | 114BZ | Forward electronic compartment |

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 | At the forward electronic compartment |

I. Installation (Figure 401)

SUBTASK 420-002-A

- (1) Put the backup-battery relay box (3) in position.
- (2) Tighten the four screws (1) and four washers (2) which attach the backup-battery relay box (3) to the aircraft.
- (3) Connect the two electrical connectors (4) to the backup-battery relay box (3).



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J. Follow-on

SUBTASK 842-002-A

- (1) Install the backup battery ([AMM TASK 24-35-01-400-801-A/400](#)).
- (2) Do the Operational Test of the backup battery system ([AMM TASK 24-35-00-700-801-A/500](#)).
- (3) On aircraft POST-MOD [S.B.145-32-0036](#), remove the safety pin of the NLG-door solenoid valve ([AMM TASK 32-00-02-910-801-A/200](#)).
- (4) Close access panels 114AZ and 114BZ (AMM MPP 06-41-01/100).