



AIRCRAFT MAINTENANCE MANUAL

MAIN BATTERY - INSPECTION/CHECK

EFFECTIVITY: ALL

1. General

- A. This section refers you to the publication necessary for you to do the servicing of the Main Battery.
- 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
24-36-01-600-801-A ♦	MAIN BATTERY - SERVICE	ALL



EMB145 – EMB135

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TASK 24-36-01-600-801-A

EFFECTIVITY: ALL

2. MAIN BATTERY - SERVICE

A. General

- (1) The aircraft has two main batteries installed in the same compartment.
- (2) The main purpose of the servicing of the main battery is to adjust the electrolyte level.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM TASK 24-36-00-700-801-A/500	MAIN BATTERY SYSTEM - OPERATIONAL TEST
AMM TASK 24-36-01-000-801-A/400	MAIN BATTERY - REMOVAL
AMM TASK 24-36-01-400-801-A/400	MAIN BATTERY - INSTALLATION

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
113	113DL	LH forward fuselage

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	LH forward fuselage

I. Preparation

SUBTASK 841-004-A

- (1) Open access panel 113DL (AMM MPP 06-41-01/100).

J. Service Main Battery ([Figure 601](#))

SUBTASK 610-004-A

EFFECTIVITY: AIRCRAFT WITH MAIN BATTERY SAFT PART NUMBER 442CH1

- (1) Remove the main battery ([AMM TASK 24-36-01-000-801-A/400](#)).



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- (2) Refer to the last revision of the Component Maintenance Manual with Illustrated Parts List for Nickel-Cadmium Battery, part number 442CH1 by SAFT, to service the main battery, as given in the Periodical Check section of this manual.

- (3) Install the main battery ([AMM TASK 24-36-01-400-801-A/400](#)).

K. Service Main Battery ([Figure 601](#))

SUBTASK 610-005-A

EFFECTIVITY: AIRCRAFT WITH MAIN BATTERY MARATHON TYPE BTSP-4445L, PART NUMBER 32248-001 AND 32845-001

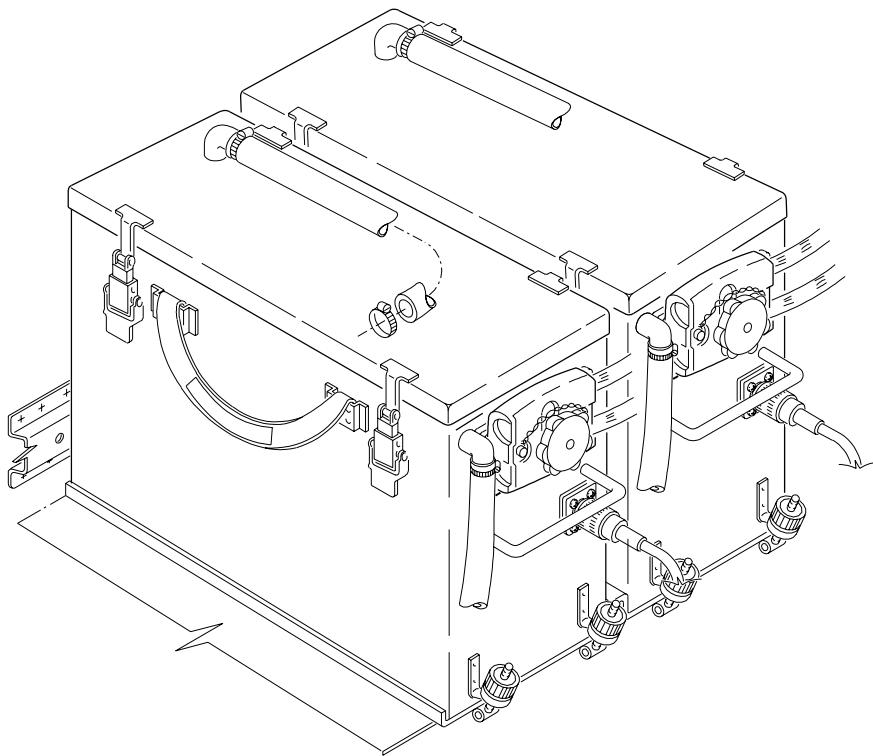
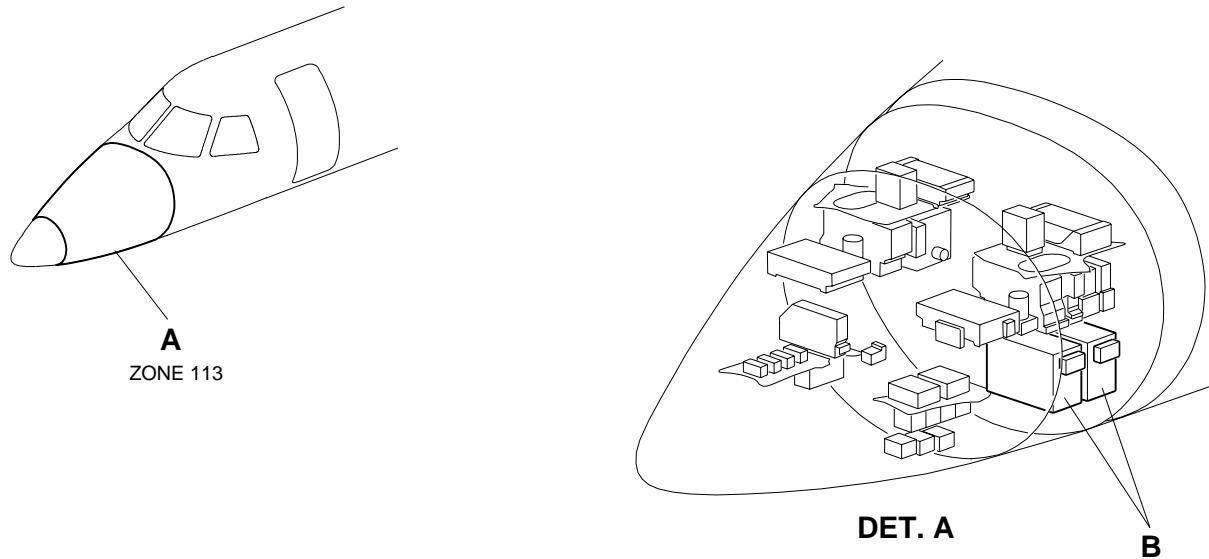
- (1) Remove the main battery ([AMM TASK 24-36-01-000-801-A/400](#)).
- (2) This item is applicable to aircraft with main battery Marathon type BTSP-4445L, part number 32248-001.
 - (a) Refer to the last revision of the Component Maintenance Manual with Illustrated Parts List for Nickel-Cadmium Battery, type BTSP-4445L, part number 32248-001 by Marathon Power Technologies Company, to service the main battery, as given in the Battery Maintenance Flow Chart of this manual (Periodical Check).
- (3) This item is applicable to aircraft with main battery Marathon, part number 32845-001.
 - (a) Refer to the last revision of the Instruction Manual for Micro Maintenance, Nickel-Cadmium Aircraft Batteries, BA-24-34-08, by Marathon Power Technologies Company, to service the main battery, as given in the Battery Maintenance Flow Chart of this manual.
- (4) Install the main battery ([AMM TASK 24-36-01-400-801-A/400](#)).

L. Follow-on

SUBTASK 842-004-A

- (1) Do the Operational Test of the Main Battery System ([AMM TASK 24-36-00-700-801-A/500](#)).
- (2) Close access panel 113DL (AMM MPP 06-41-01/100).

EFFECTIVITY: ALL
Main Battery - Servicing
Figure 601



MAIN BATTERIES

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