



EMB145 - EMB135

AIRCRAFT  
MAINTENANCE MANUAL

**CMU PRINTER - ADJUSTMENT/TEST**

*EFFECTIVITY: AIRCRAFT WITH CMU*

1. General

- A. This section gives the procedures to do the CMU printer operational test.
- 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).

<i>TASK NUMBER</i>	<i>DESCRIPTION</i>	<i>EFFECTIVITY</i>
23-24-02-700-801-A	CMU PRINTER - OPERATIONAL TEST	AIRCRAFT WITH CMU



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TASK 23-24-02-700-801-A

EFFECTIVITY: AIRCRAFT WITH CMU

2. CMU PRINTER - OPERATIONAL TEST

A. General

- (1) This task gives the procedures to do the CMU printer operational test.
- (2) This CMU printer self-test will print a pattern, which you must compare it with the pattern in figure 501.

B. References

REFERENCE	DESIGNATION
AMM SDS 24-60-00/1	
AMM TASK 20-40-01-860-801-A/200	ENERGIZATION OF THE AIRCRAFT WITH AN EXTERNAL POWER SOURCE

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
223		Cockpit

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	Cockpit

I. Preparation

SUBTASK 841-002-A

- (1) Energize the aircraft with an external DC power supply ([AMM TASK 20-40-01-860-801-A/200](#)).
- (2) On the circuit breaker panel, make sure that the CMU PTR circuit breaker is closed (Location Tip: 115 V AC/CMU PTR).
- (3) On the LH electrical-power control/distribution box ([AMM SDS 24-60-00/1](#)), make sure that the INVERTER circuit breaker is closed (Location Tip: RB DC BUS 1/INVERTER).

J. Operational Test Procedures ([Figure 501](#)) ([Figure 502](#))

**SUBTASK 720-002-A**

- (1) Do the CMU printer operational test as follows:

- (a) On the CMU printer control panel, push and hold the PPR ADV pushbutton for approximately three seconds.

Result:

- 1 The paper comes out of the slot while the pushbutton is held.

- (b) Push and hold the SELF TEST pushbutton.

Result:

- 1 The PTR BUSY indicator flashes.

- 2 The printer starts to print.

- (c) When the printing stops, release the SELF TEST pushbutton and make sure that the PTR BUSY indicator flashes.

- (d) Push the PPR ADV pushbutton until the printed data comes out of the printer.

- (e) Make sure that the printed test patterns are similar to those shown in figure 501.

NOTE: Examine the printout to make sure that it has a good quality.

- (f) Push and hold the PPR ADV pushbutton. Then, push the SELF TEST pushbutton and then release the two pushbuttons.

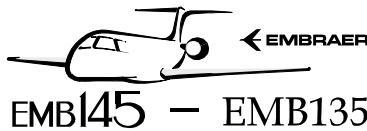
Result:

- 1 The PTR BUSY indicator flashes and then goes off.

K. Follow-on

**SUBTASK 842-002-A**

- (1) Deenergize the aircraft ([AMM TASK 20-40-01-860-801-A/200](#)).



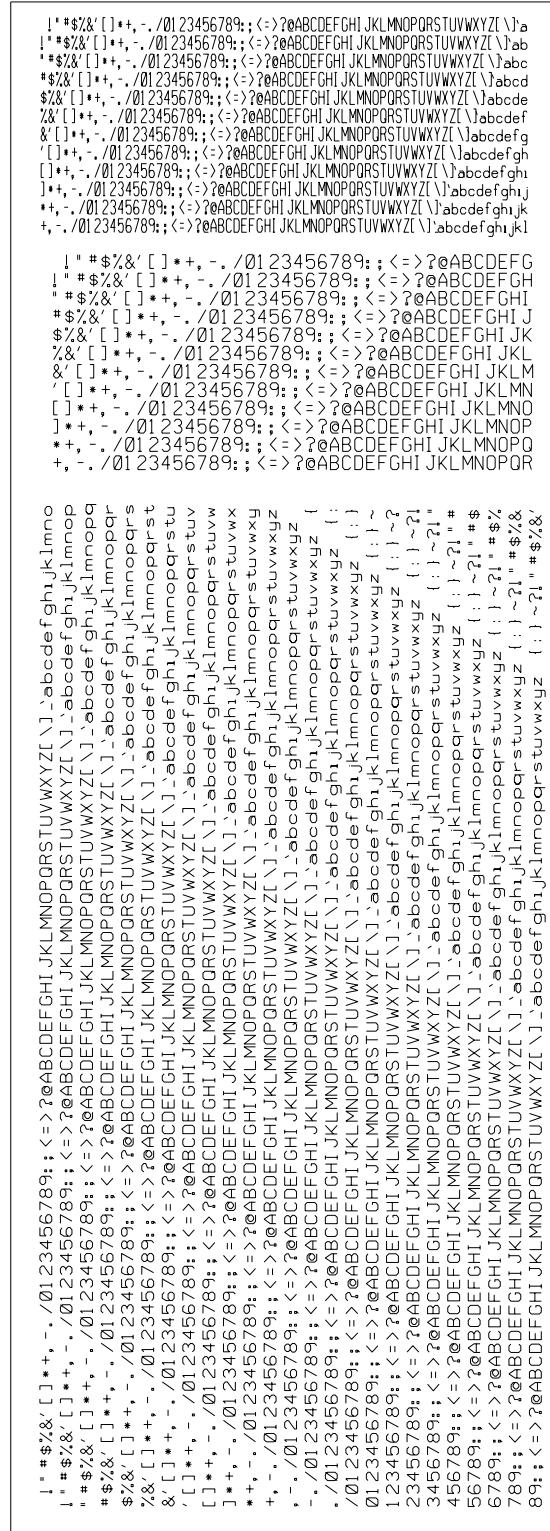
# AIRCRAFT MAINTENANCE MANUAL

**EMB145 – EMB135**

## EFFECTIVITY: AIRCRAFT WITH CMU

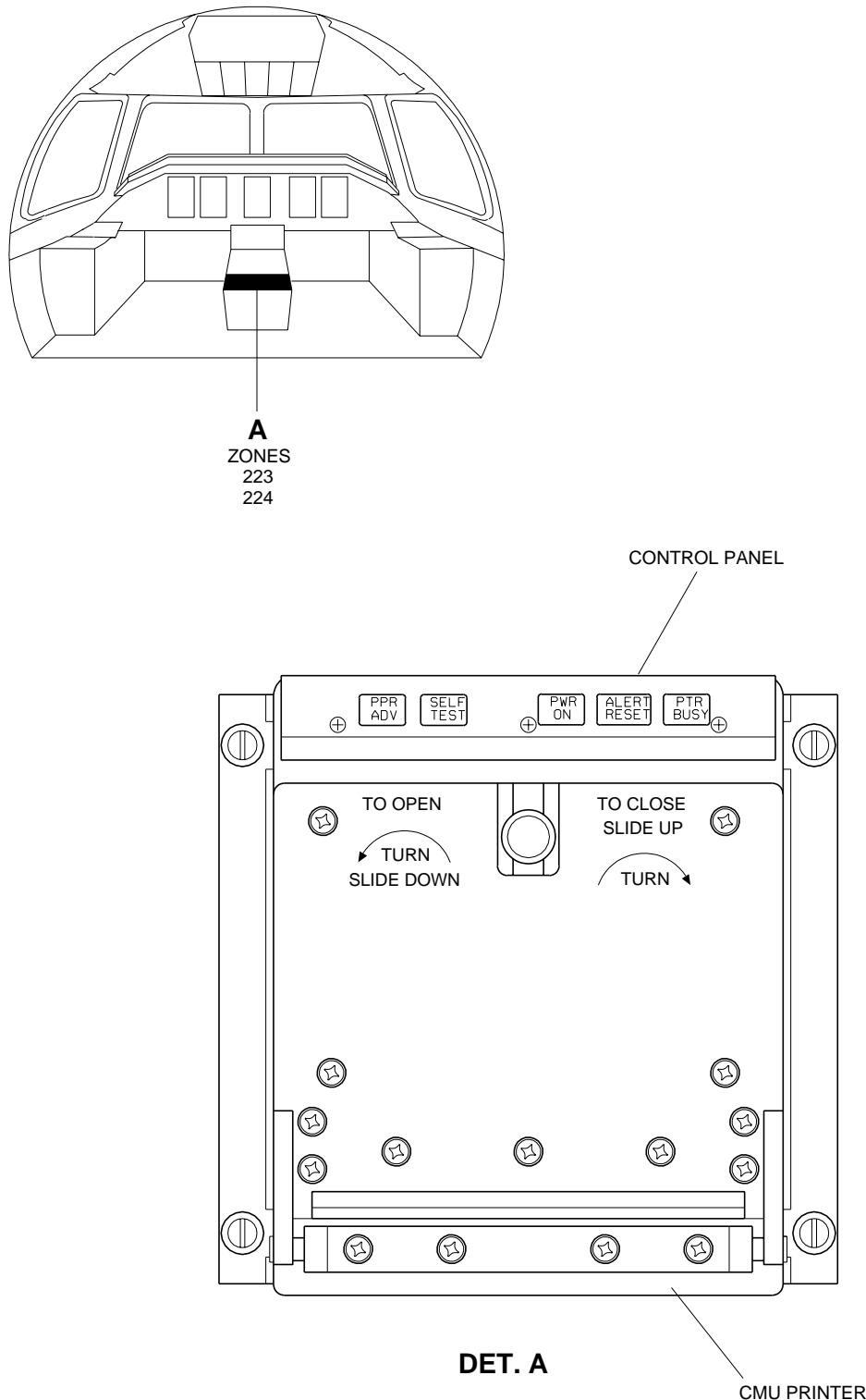
Printer Test Pattern

Figure 501



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**EFFECTIVITY: AIRCRAFT WITH CMU**  
**CMU Printer**  
**Figure 502**



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