



AIRCRAFT
MAINTENANCE MANUAL

BAGGAGE COMPARTMENT VENTILATION SYSTEM - ADJUSTMENT/TEST

EFFECTIVITY: CLASS-C BAGGAGE COMPARTMENT

1. General

- A. This section gives the procedures necessary to do the baggage compartment ventilation system operational check.
- 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
21-27-00-700-801-A ♦	BAGGAGE COMPARTMENT VENTILATION SYSTEM - OPERATIONAL CHECK	CLASS-C BAGGAGE COMPARTMENT



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

TASK 21-27-00-700-801-A

EFFECTIVITY: CLASS-C BAGGAGE COMPARTMENT

2. BAGGAGE COMPARTMENT VENTILATION SYSTEM - OPERATIONAL CHECK

A. General

- (1) The baggage compartment fan operates at high speed when the aircraft is in flight and at low speed when the aircraft is on the ground.

B. References

REFERENCE	DESIGNATION
AMM SDS 32-63-00/1	
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
813		Baggage 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

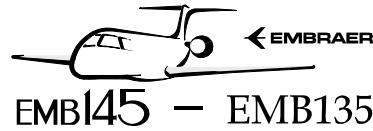
QTY	FUNCTION	PLACE
1	A - Does the task	Cockpit
1	B - Helps technician A	Aft electronic compartment

I. Preparation

SUBTASK 841-002-A

- (1) Energize the aircraft with the External DC Power Supply ([AMM TASK 20-40-01-860-801-A/200](#)).
- (2) On the Circuit Breaker Panel, open the BAGGAGE FIRE EXTG circuit breaker and attach a DO-NOT-CLOSE tag to it.
- (3) **NOTE:** If the light on the pushbutton is on, push the test button to reset the system.

Make sure that the BAGGAGE EXTG pushbutton light, on the fire extinguish panel, is off.



EMB145 – EMB135

AIRCRAFT
MAINTENANCE MANUAL

- (4) Make sure that the AOA sensors are in the down position.
 - (5) Set the BATT 1 and BATT 2 switches, on the overhead panel, to OFF.
- J. Operationally Check Baggage Compartment Ventilation System (including high and low speed of fan) ([Figure 501](#))

SUBTASK 710-002-A

- (1) Do the test as follows:
 - (a) Make sure that the baggage compartment fan operates.
 - (b) Open the AIR/GND A, AIR/GND B, and AIR/GND C circuit breakers, on the circuit breaker panel.

Result:

 - 1 The baggage compartment fan operates at high speed.
 - 2 The rear baggage compartment check valve remains open.
- CAUTION:** WHEN YOU ARE TO CLOSE THE AIR/GND A, B AND C CIRCUIT BREAKERS, THE TIME NECESSARY FOR YOU TO CLOSE ALL THE THREE CIRCUIT BREAKERS MUST NOT BE MORE THAN 10 SECONDS ([AMM SDS 32-63-00/1](#)).
- (c) Close the AIR/GND A, AIR/GND B, and AIR/GND C circuit breakers, on the circuit breaker panel.

Result:

 - 1 The baggage compartment fan operates at low speed.
 - 2 The rear baggage compartment check valve remains open.

K. Follow-on

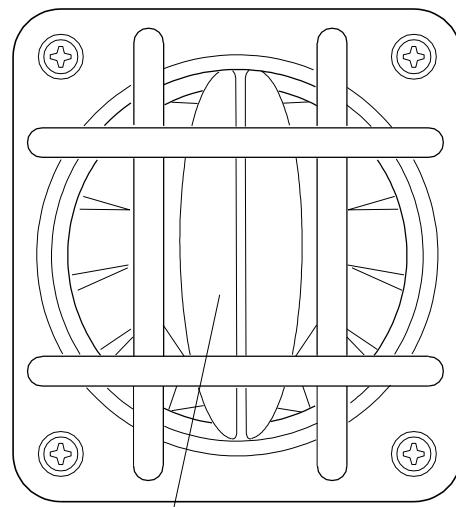
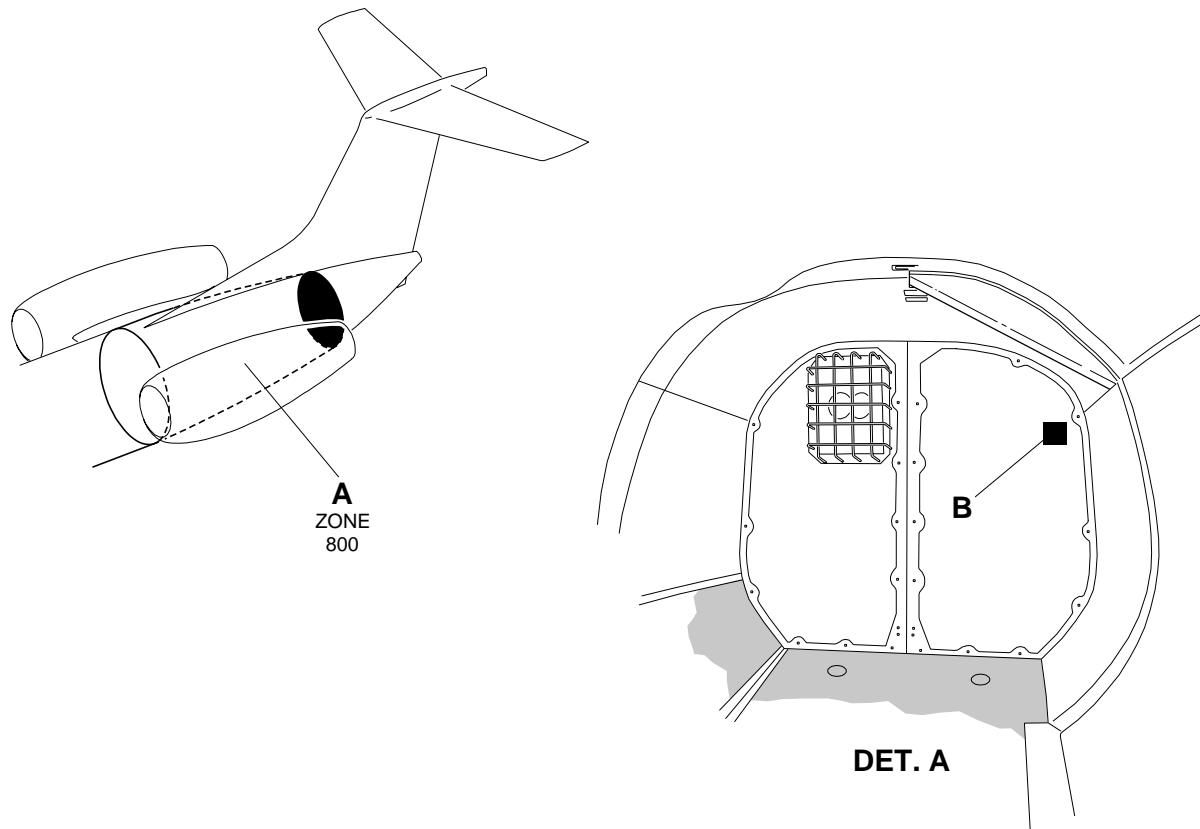
SUBTASK 842-002-A

- (1) Deenergize the aircraft with the External DC Power Supply ([AMM TASK 20-40-01-860-801-A/200](#)).
- (2) On the Circuit Breaker Panel, close the BAGGAGE FIRE EXTG circuit breaker and remove the DO-NOT-CLOSE tag from it.

EFFECTIVITY: CLASS-C BAGGAGE COMPARTMENT

Baggage Compartment Fan - Operational Test

Figure 501



CHECK VALVE OPEN

DET. B

145AMM210209.MCE B