



## AIRCRAFT MAINTENANCE MANUAL

### RAM AIR VALVE - INSPECTION/CHECK

EFFECTIVITY: ALL

#### 1. General

- A. This section gives the procedures to do an inspection on the ram air valves to make sure that their flap is in the correct position.
- 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
21-25-01-200-801-A ♦	FLAP OF RAM AIR VALVES - GENERAL VISUAL INSPECTION	ALL



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EMB145 – EMB135

TASK 21-25-01-200-801-A

EFFECTIVITY: ALL

2. FLAP OF RAM AIR VALVES - GENERAL VISUAL INSPECTION

A. General

- (1) For this inspection, the flap of the valves must be in the closed position and there must be no gap.

B. References

REFERENCE	DESIGNATION
AMM TASK 20-40-01-860-801-A/200	ENERGIZATION OF THE AIRCRAFT WITH AN EXTERNAL POWER SOURCE
AMM TASK 21-25-03-800-801-A/200	LINEAR ACTUATOR - ADJUSTMENT

C. Zones and Accesses

Not Applicable

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	Inlet Ram Air

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](#)).

J. Visual Inspection of Position of Flap of the Ram Air valves ([Figure 601](#))

SUBTASK 211-002-A

- (1) Through the inlet of the ram air valves, visually examine the position of the flap.  
(2) Make sure that the flap of the ram air valves is in the fully UP position (which stops the airflow to the cockpit and to the passenger cabin).

**NOTE:** If the flap of the ram air valves is not in the fully UP position, adjust the linear actuator ( [AMM TASK 21-25-03-800-801-A/200](#)).



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K. Follow-on

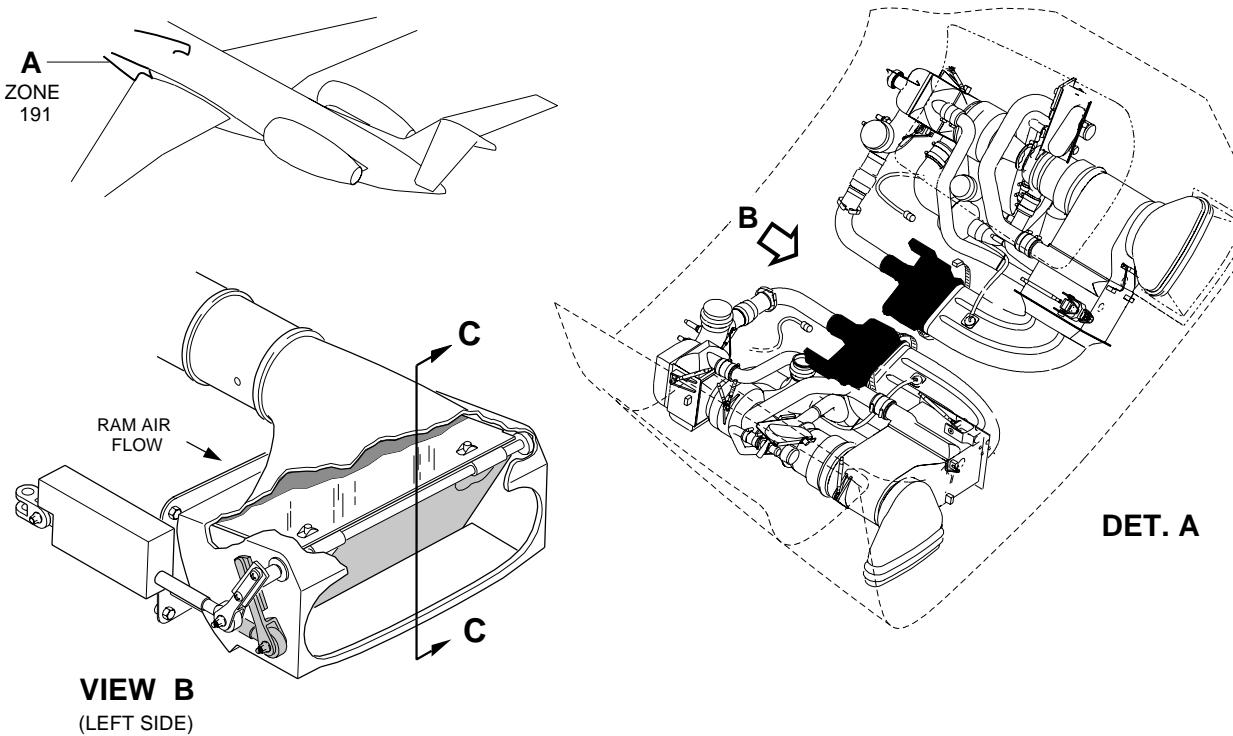
SUBTASK 842-002-A

- (1) Disconnect the External DC Power Supply from the aircraft ([AMM TASK 20-40-01-860-801-A/200](#)).

**EFFECTIVITY: ALL**

Visual Inspection of Position of Flap of the Ram Air Valves - Locations

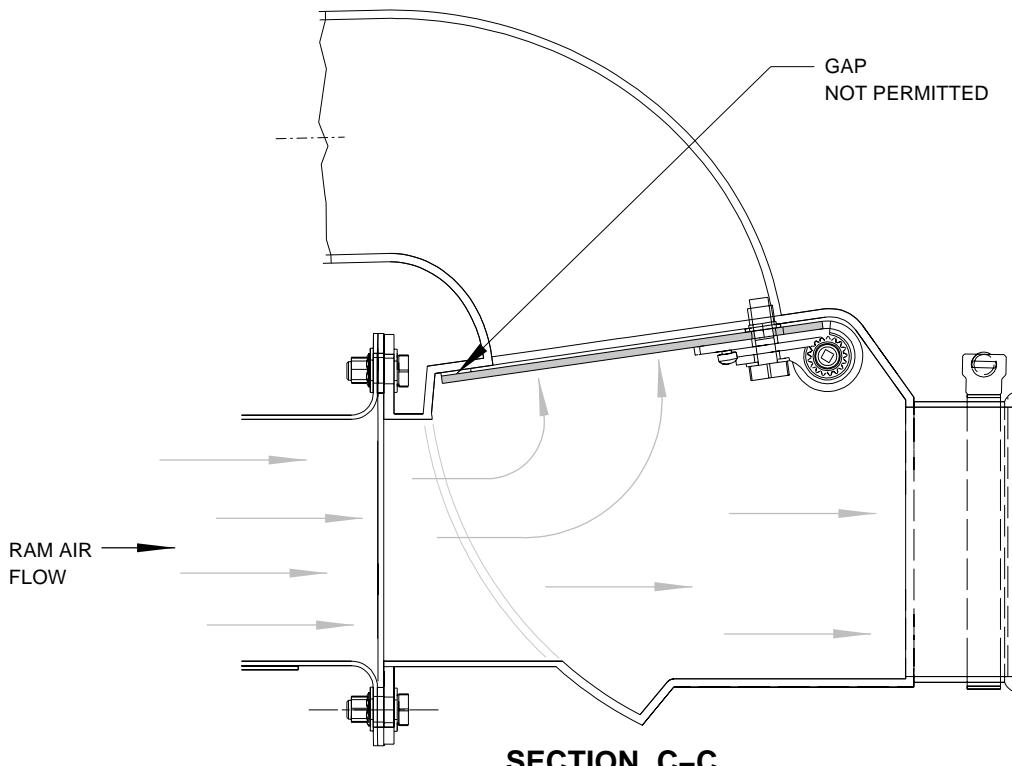
Figure 601



**VIEW B**

(LEFT SIDE)

**DET. A**



**SECTION C-C**

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