



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

YAW TRIM ACTUATOR - ADJUSTMENT/TEST

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to do the operational check of the yaw trim.
- 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>
27-24-00-700-801-A	YAW TRIM - OPERATIONAL CHECK	ALL



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TASK 27-24-00-700-801-A

EFFECTIVITY: ALL

2. YAW TRIM - OPERATIONAL CHECK

A. General

- (1) This task gives the procedures to do the operational check of the yaw trim.
- (2) [Figure 501](#) give the location of the EICAS display and the YAW TRIM switch.

B. References

REFERENCE	DESIGNATION
AMM TASK 20-40-01-860-801-A/200	ENERGIZATION OF THE AIRCRAFT WITH AN EXTERNAL POWER SOURCE
AMM TASK 29-10-00-860-801-A/200	HYDRAULIC SYSTEM - PRESSURIZATION WITH HTS

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	Does the task	Cockpit

I. Preparation

SUBTASK 841-002-A

- (1) Make sure that the aircraft is safe for maintenance.
- (2) Energize the aircraft with the External DC Power Supply ([AMM TASK 20-40-01-860-801-A/200](#)).
- (3) Pressurize the hydraulic system ([AMM TASK 29-10-00-860-801-A/200](#)).

J. Operational Check of the Yaw Trim ([Figure 501](#))

SUBTASK 710-002-A

- (1) Do the operational check of the yaw trim.



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- (a) Move the YAW TRIM switch to the LEFT position.

Result:

- 1 On the EICAS display, the arrow of the YAW TRIM indication moves to the left.

NOTE: The system cycle time is limited in three seconds, after this time you must release the switch and move it again to get another cycle.

- (b) Release the YAW TRIM switch; it goes to neutral position by itself.

Result:

- 1 On the EICAS display, the arrow of the YAW TRIM indication remains at last position.

- (c) Move the YAW TRIM switch to the RIGHT position.

Result:

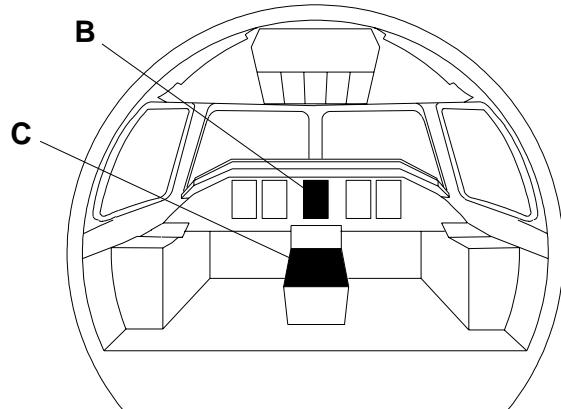
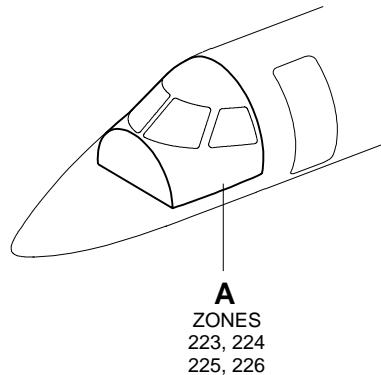
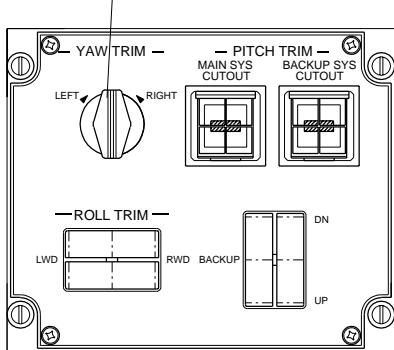
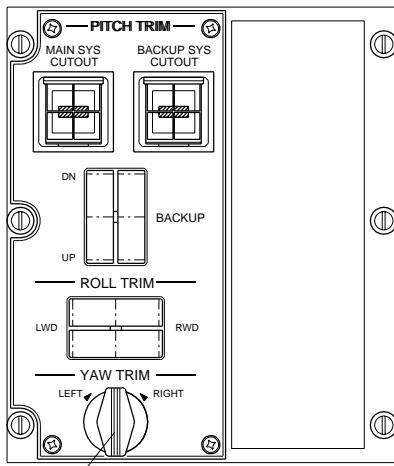
- 1 On the EICAS display, the arrow of the YAW TRIM indication goes from LEFT to RIGHT position.

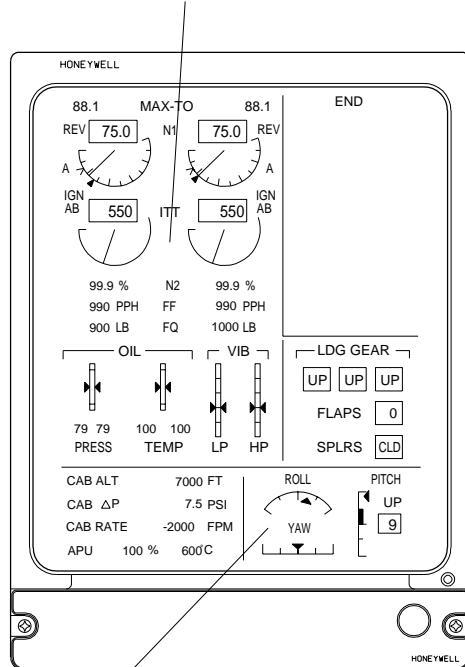
K. Follow-on

SUBTASK 842-002-A

- (1) Release the pressure of the hydraulic system ([AMM TASK 29-10-00-860-801-A/200](#)).
- (2) Deenergize the aircraft ([AMM TASK 20-40-01-860-801-A/200](#)).

EFFECTIVITY: ALL

 YAW TRIM Switch and EICAS Display - Location
 Figure 501

DET. A

DET. C 2

**YAW TRIM
SWITCH**
DET. C 1

EICAS DISPLAY

DET. B
YAW TRIM INDICATION

1 APPLICABLE TO AIRCRAFT WITH SINGLE FMS INSTALLED.

2 APPLICABLE TO AIRCRAFT WITH DUAL FMS INSTALLED.

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