



## AIRCRAFT MAINTENANCE MANUAL

### IGNITION SYSTEM - ADJUSTMENT/TEST

EFFECTIVITY: ALL

#### 1. General

- A. This section gives the procedure to do the operational check of the ignition system.
- B. This procedure is applicable to the LH and RH engines.
- C. 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
74-00-01-700-801-A	IGNITION SYSTEM - OPERATIONAL CHECK	ALL



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TASK 74-00-01-700-801-A

EFFECTIVITY: ALL

2. IGNITION SYSTEM - OPERATIONAL CHECK

A. General

- (1) To do the Ignition System operational check, it is necessary to start the engines.
- (2) Obey the instructions below to do the operational check of the ignition system.

B. References

REFERENCE	DESIGNATION
AMM TASK 20-40-01-860-801-A/200	ENERGIZATION OF THE AIRCRAFT WITH AN EXTERNAL POWER SOURCE
AMM TASK 71-00-01-910-801-A/200	ENGINE START PROCEDURE (NORMAL)
AMM TASK 71-00-01-910-804-A/200	ENGINE STOP PROCEDURE

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

J. Operational Check (Figure 501)

SUBTASK 710-002-A

- (1) Start the LH or RH engine ([AMM TASK 71-00-01-910-801-A/200](#)), on the ground.
  - (a) During starting cycle, record which ignition channel is operated.



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Result:

- 1 The IGN A or IGN B (green color) indication message comes into view in the EICAS display.

NOTE: If the ignition switch is set to the AUTO position, the IGN A or IGN B indication message will come into view in the EICAS display only during the start cycle.

- (2) Stop the engine ( [AMM TASK 71-00-01-910-804-A/200](#)).
- (3) Start the same engine ( [AMM TASK 71-00-01-910-801-A/200](#) ) again.
  - (a) During starting cycle record which ignition channel is operated.

Result:

- 1 The alternate IGN A or IGN B (green color) indication message comes into view in the EICAS display.

NOTE: If the ignition switch is set to AUTO position, the IGN A or IGN B indication message will come into view in the EICAS display only during start cycle.

- (4) Stop the engine ( [AMM TASK 71-00-01-910-804-A/200](#) ).

K. Follow-on

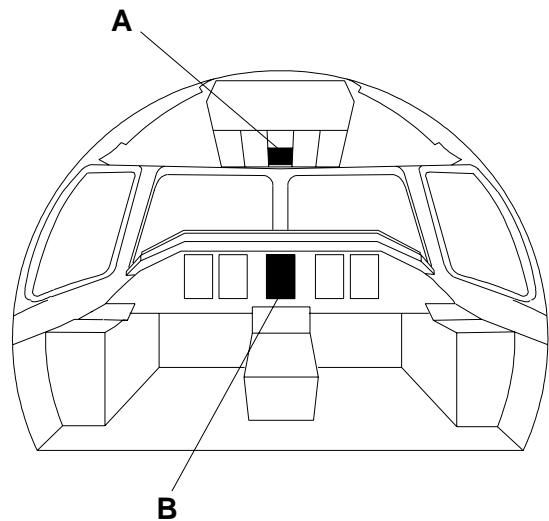
SUBTASK 842-002-A

- (1) Remove the DC power from the aircraft.

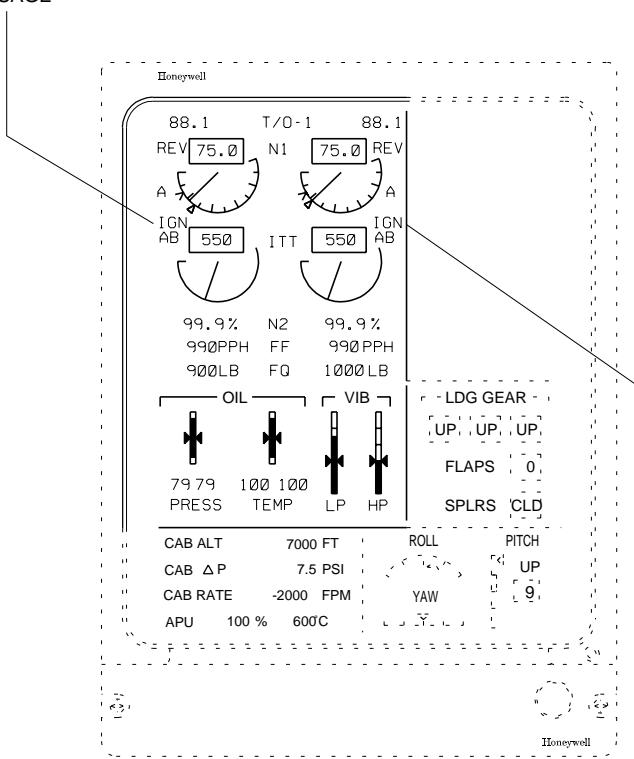
**EFFECTIVITY: ALL**

Ignition System - Operational Check

Figure 501



**IGNITION  
INDICATION  
MESSAGE**



**DET. B**

