

## 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

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
<a href="#">AMM TASK 20-40-01-860-801-A/200</a>	ENERGIZATION OF THE AIRCRAFT WITH AN EXTERNAL POWER SOURCE
<a href="#">AMM TASK 71-00-01-910-801-A/200</a>	ENGINE START PROCEDURE (NORMAL)
<a href="#">AMM TASK 71-00-01-910-804-A/200</a>	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.

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

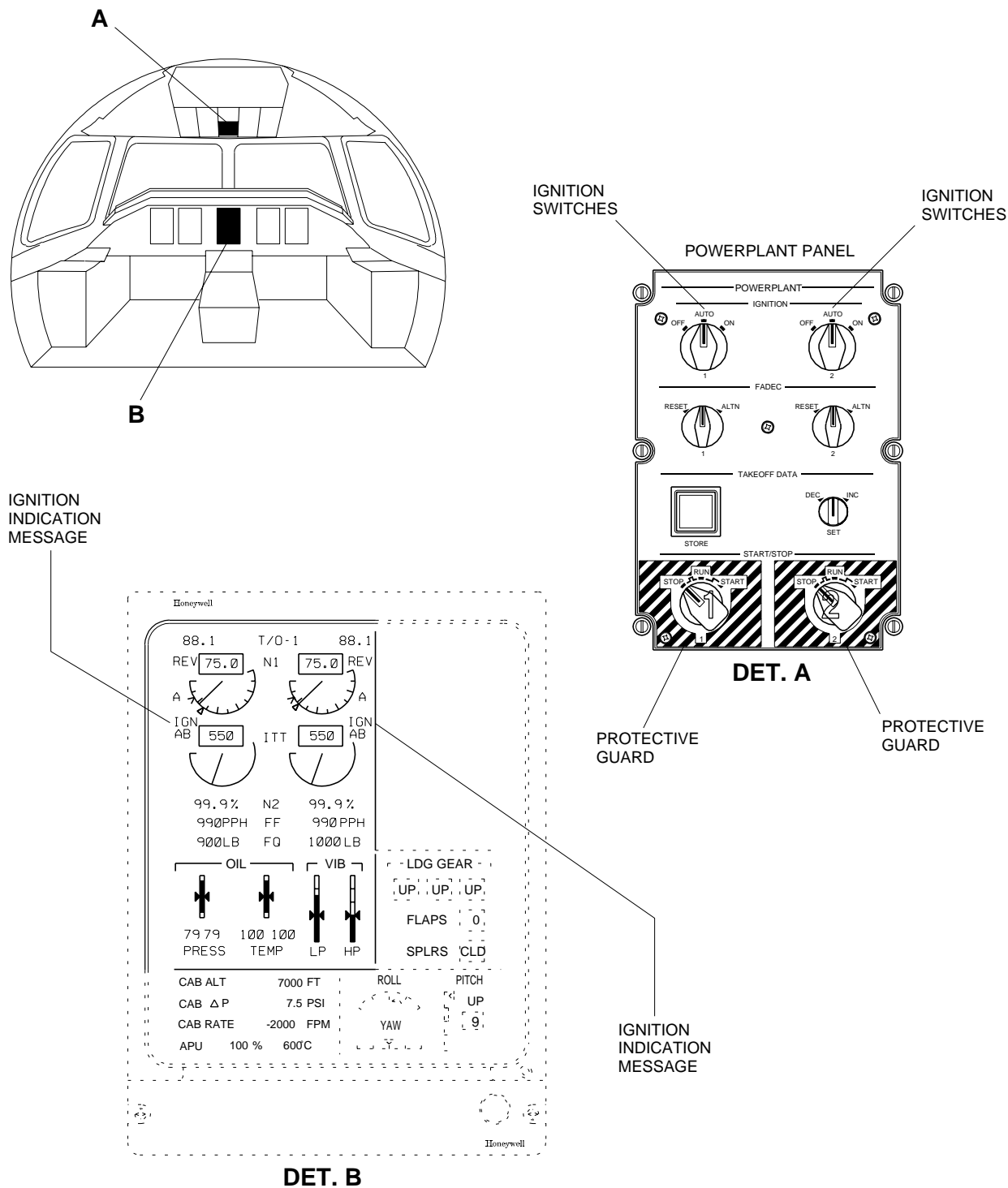
*SUBTASK 842-002-A*

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

EFFECTIVITY: ALL

Ignition System - Operational Check

Figure 501



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