

## ENGINE ANTI-ICING VALVE - INSPECTION/CHECK

*EFFECTIVITY: ALL*

1. General

- A. This section gives the procedures to do an inspection on the engine anti-icing valve.
- 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
30-21-01-200-801-A	ENGINE ANTI-ICING VALVE - INSPECTION/CHECK	ALL

TASK 30-21-01-200-801-A

EFFECTIVITY: ALL

## 2. ENGINE ANTI-ICING VALVE - INSPECTION/CHECK

### A. General

(1) This procedure gives the instructions to do an inspection on the engine anti-icing valve.

### B. References

REFERENCE	DESIGNATION
AMM MPP 06-43-00/100	- COMPONENT LOCATION
AMM TASK 30-21-01-000-801-A/400	ANTI-ICING VALVE - REMOVAL
AMM TASK 30-21-01-400-801-A/400	ANTI-ICING VALVE - INSTALLATION
AMM TASK 30-21-05-200-801-A/600	ENGINE ANTI-ICING DUCT - DETAILED INSPECTION
AMM TASK 30-21-05-200-802-A/600	ENGINE ANTI-ICING DUCT - BORESCOPIC INSPECTION
S.B.145-30-0044	-

### C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
412	412AT	Upper cowling of the LH powerplant
422	422AT	Upper cowling of the RH powerplant

### D. Tools and Equipment

Not Applicable

### E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Ladder	To get access to the engine anti-icing valve	1

### F. Consumable Materials

Not Applicable

### G. Expandable Parts

Not Applicable

### H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	LH or RH powerplant
1	Helps the other technician	LH or RH powerplant

I. Preparation

*SUBTASK 841-002-A*

- (1) Open panel 412AT or 422AT of the upper cowling ( [AMM MPP 06-43-00/100](#)).
- (2) Remove the engine anti-icing valve ( [AMM TASK 30-21-01-000-801-A/400](#)).

J. Inspection ([Figure 601](#))

*SUBTASK 220-002-A*

- (1) Do a special detailed inspection on the valve for integrity.
  - (a) Make sure that:  
Result:
    - 1 There is no piece of the valve spring seat broken off (refer to [Figure 601](#)).
  - (b) If there are inner parts of the valve broken off:  
Result:
    - 1 Remove the defective engine anti-icing valve from service.
    - 2 (PRE-MOD. [S.B.145-30-0044](#)) Do an inspection on the engine anti-icing duct looking for possible debris ([AMM TASK 30-21-05-200-801-A/600](#) or [AMM TASK 30-21-05-200-802-A/600](#)).

K. Follow-on

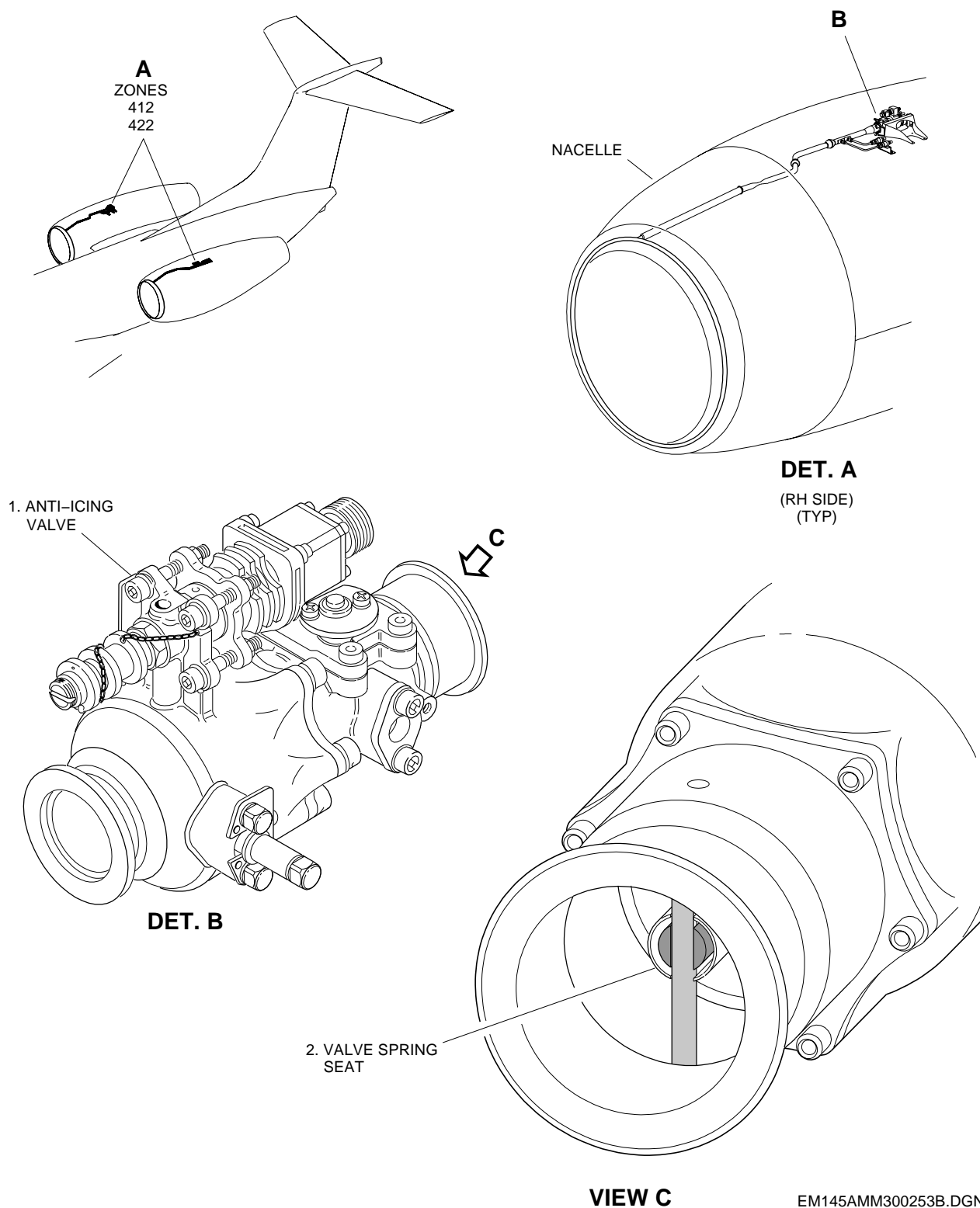
*SUBTASK 842-002-A*

- (1) Install the engine anti-icing valve ( [AMM TASK 30-21-01-400-801-A/400](#)).
- (2) Close access panel 412AT or 422AT of the upper cowling ( [AMM MPP 06-43-00/100](#)).
- (3) Make sure that you did not let tools stay in the work area and that all parts are correctly installed.

EFFECTIVITY: ALL

Engine Anti-Icing Valve - Inspection/Check

Figure 601



EM145AMM300253B.DGN