

## STARTER CONTROL VALVE - MAINTENANCE PRACTICES

*EFFECTIVITY: ALL*

1. General

- A. This section gives the procedures to manually open the starter control valve (SCV).
- 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
80-10-02-980-801-A	STARTER CONTROL VALVE - MANUAL OVERRIDE	ALL

TASK 80-10-02-980-801-A

EFFECTIVITY: ALL

## 2. STARTER CONTROL VALVE - MANUAL OVERRIDE

### A. General

- (1) If the electrical circuit for the SCV becomes inoperative, the SCV can be operated with a manual override control.

### B. References

REFERENCE	DESIGNATION
AMM MPP 06-43-00/100	- COMPONENT LOCATION
AMM MPP 71-00-00/200	- MAINTENANCE PRACTICES
AMM TASK 71-00-01-910-801-A/200	ENGINE START PROCEDURE (NORMAL)

### C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
413	413AB	LH Engine
423	423AB	RH Engine

### D. Tools and Equipment

Not Applicable

### E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Ladder	To get access to the SCV	1

### F. Consumable Materials

Not Applicable

### G. Expandable Parts

Not Applicable

### H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Engine

### I. Preparation

SUBTASK 841-002-A

**WARNING: BEFORE YOU DO THE TASK, OBEY THE SAFETY PRECAUTIONS GIVEN IN AMM MPP 71-00-00/200 TO PREVENT INJURY TO PERSONS AND DAMAGE TO MATERIAL.**

- (1) Put the ladder in the work area.

- (2) Open the access door 413AB/423AB ( [AMM MPP 06-43-00/100](#)) to get access to the SCV.

J. Starter Control Valve - Manual Override Control ([Figure 201](#))

*SUBTASK 980-002-A*

**WARNING: WHEN YOU OPERATE THE SCV MANUALLY, PUT PROTECTIONS ON YOUR HANDS AND ARMS. THIS CAN PREVENT INJURIES CAUSED BY THE HEAT AND AIR BLAST FROM THE STARTER.**

- CAUTION:** • IF THE VALVE IS NOT CLOSED WHEN THE ENGINE N2 INDICATION ON THE EICAS COMES TO THE IDLE VALUE, DAMAGE TO THE AIR TURBINE STARTER (ATS) CAN OCCUR.
- MANUAL OPERATION OF THE SCV WITHOUT AIR PRESSURE IN THE INLET DUCT CAN CAUSE DAMAGE TO THE VALVE.

- (1) **NOTE:** Use the rear (ramp) interphone system for communications between persons on the ramp and in the cockpit.

Do the normal engine start procedure ( [AMM TASK 71-00-01-910-801-A/200](#)), and tell the ground crew to turn the SCV manual override control to the open position and hold it.

- (2) When engine N2 comes to the idle value, tell the ground crew to release the SCV manual control. The valve will come back to the closed position automatically.

K. Follow-on

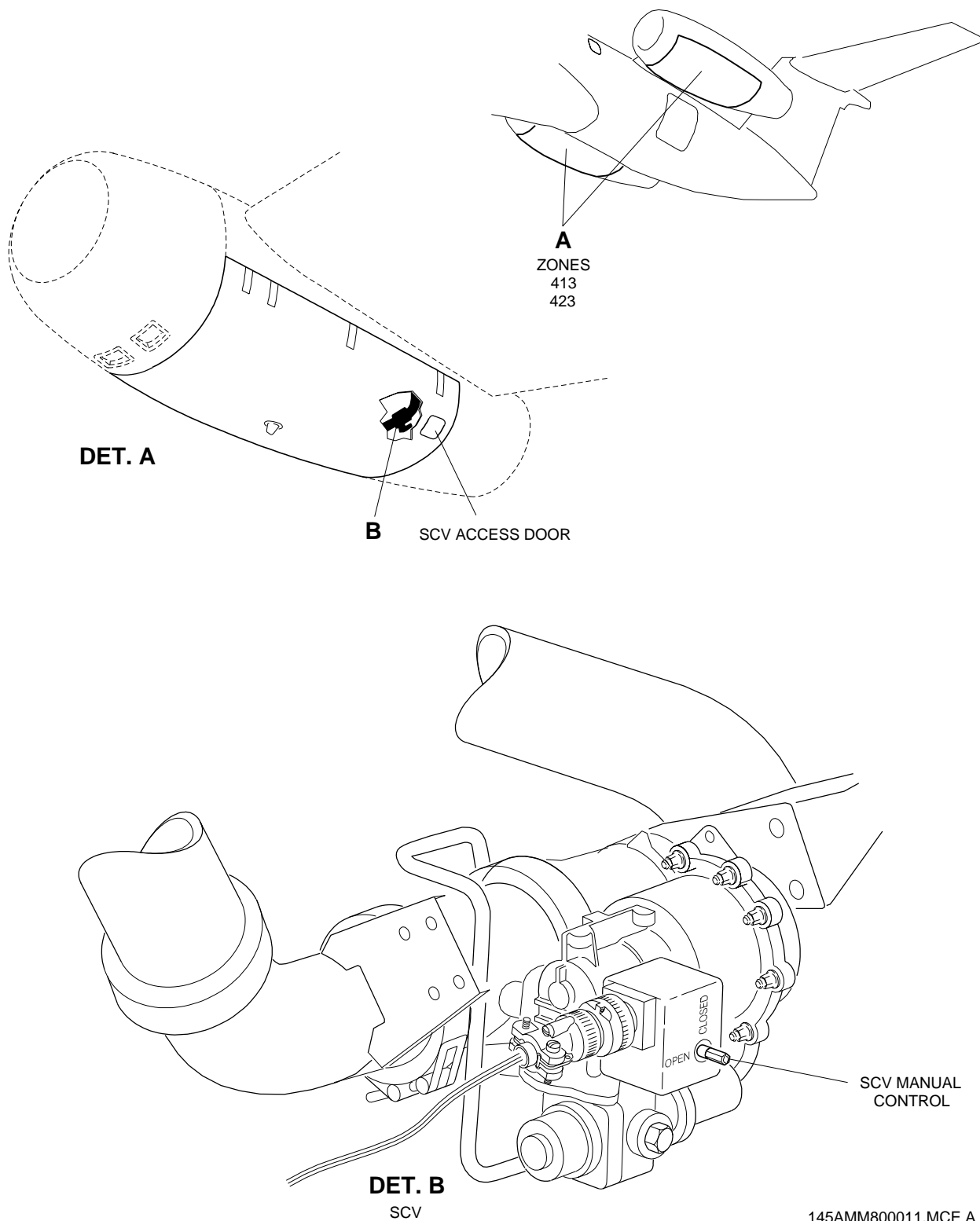
*SUBTASK 842-002-A*

- (1) Remove the ladder.
- (2) Close the access door 413AB/423AB ( [AMM MPP 06-43-00/100](#)).

**EFFECTIVITY: ALL**

**Starter Control Valve Manual Override Control - Component Locations**

**Figure 201**



145AMM800011.MCE A