



AIRCRAFT
MAINTENANCE MANUAL

ENGINE FIRE SHUTOFF&EXTINGUISHING HANDLE - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove/install the engine fire shutoff & extinguishing handle.
- 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>
26-21-01-000-801-A	ENGINE FIRE SHUTOFF & EXTINGUISH- ALL ING HANDLE - REMOVAL	
26-21-01-400-801-A	ENGINE FIRE SHUTOFF & EXTINGUISH- ALL ING HANDLE - INSTALLATION	



EMB145 – EMB135

AIRCRAFT
MAINTENANCE MANUAL

TASK 26-21-01-000-801-A

EFFECTIVITY: ALL

2. ENGINE FIRE SHUTOFF & EXTINGUISHING HANDLE - REMOVAL

A. General

- (1) Obey the instructions below to remove the engine fire shutoff & extinguishing handle.

B. References

REFERENCE	DESIGNATION
AMM MPP 71-00-00/200	- MAINTENANCE PRACTICES

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

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) On the circuit breaker panel, open the circuit breakers below and attach a DO-NOT-CLOSE tag to them:
- FIRE EXTG BTL A 1/2.
 - FIRE EXTG BTL B 1/2.
 - FUEL SOV 1/2.
 - HYD SOV 1/2.
 - POWERPLANT FIRE DET 1/2.
 - AIR COND/PNEU/EBV 1/2.



EMB145 – EMB135

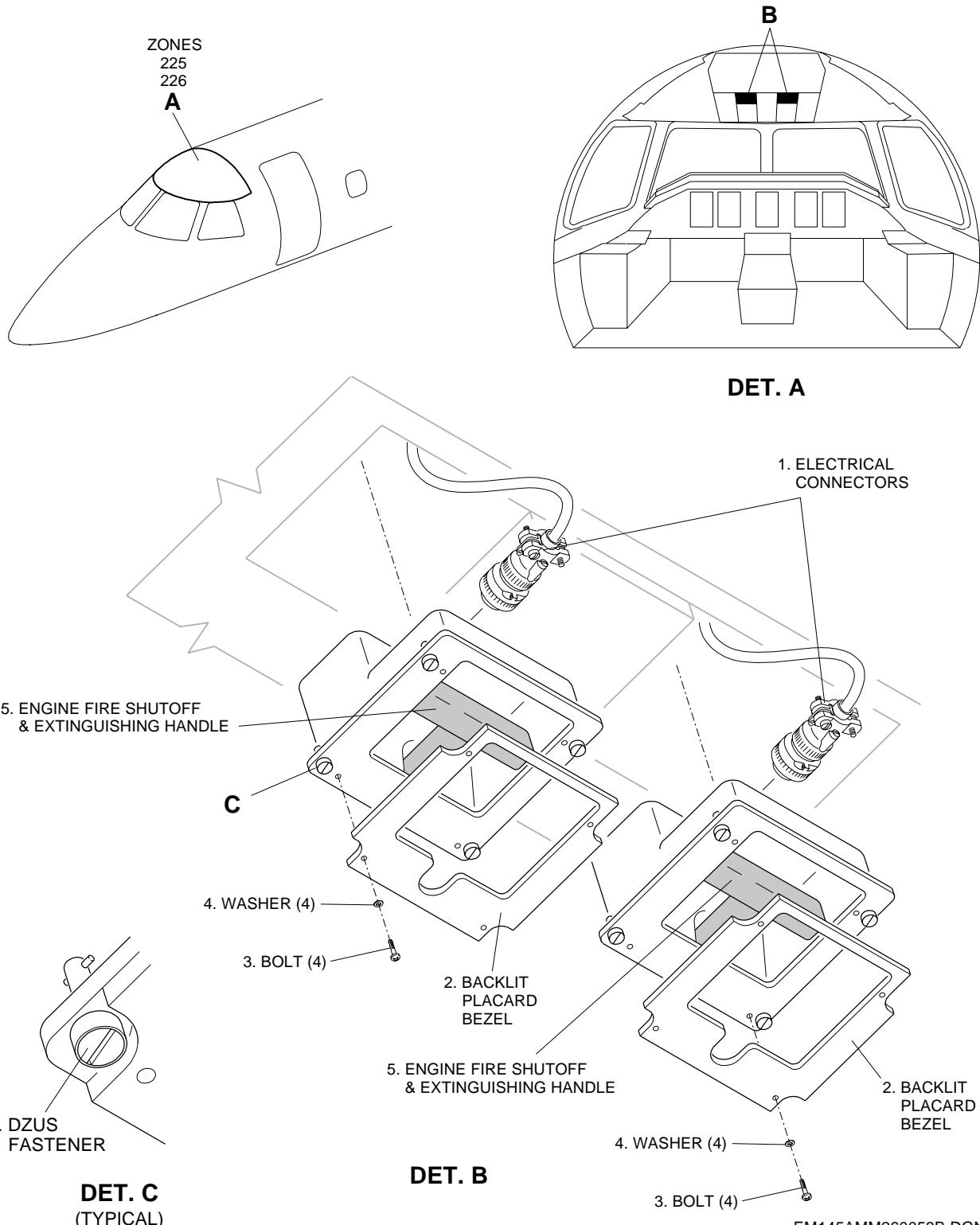
AIRCRAFT
MAINTENANCE MANUAL

- ICE AND RAIN PROTECTION/ENG AIR INLET 1/2.
- LIGHTS OVHD PANEL.

J. Removal ([Figure 401](#))

SUBTASK 020-002-A

- (1) Release the Dzus fasteners (6) of the engine fire shutoff & extinguishing handle (5) panel.
- (2) Disconnect the electrical connector (1).
- (3) Install protection caps to the disconnected points.
- (4) If applicable, remove (and retain) the bolts (3) and the washers (4) and then remove (and retain) the backlit placard bezel (2) from the engine fire shutoff & extinguishing handle (5).

EFFECTIVITY: ALL
Engine Fire Shutoff & Extinguishing Handle - Removal/Installation
Figure 401




EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

TASK 26-21-01-400-801-A

EFFECTIVITY: ALL

3. ENGINE FIRE SHUTOFF & EXTINGUISHING HANDLE - INSTALLATION

A. General

- (1) Obey the instructions below to install the engine fire shutoff & extinguishing handle.

B. References

REFERENCE	DESIGNATION
AMM TASK 26-10-00-700-801-A/500	-
AMM TASK 26-10-00-700-802-A/500	-

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 841-003-A

- (1) Make sure that, on the circuit breaker panel, the circuit breakers below are open and safetied:

- FIRE EXTG BTL A 1/2.
- FIRE EXTG BTL B 1/2.
- FUEL SOV 1/2.
- HYD SOV 1/2.
- POWERPLANT FIRE DET 1/2.
- AIR COND/PNEU/EBV 1/2.
- ICE AND RAIN PROTECTION/ENG AIR INLET 1/2.



EMB145 – EMB135

AIRCRAFT
MAINTENANCE MANUAL

- LIGHTS OVHD PANEL.

J. Installation (Figure 401)

SUBTASK 420-002-A

- (1) If removed, put the backlit placard bezel (2) back into position on the engine fire shutoff & extinguishing handle (5) and install the washers (4) and the bolts (3).
- (2) Remove the protection caps, as applicable.
- (3) Connect the electrical connector (1).
- (4) Lock the Dzus fasteners (6) of the engine fire shutoff & extinguishing handle (5) panel.

K. Follow-on

SUBTASK 842-002-A

- (1) On the circuit breaker panel, close the circuit breakers below and remove the DO-NOT-CLOSE tag from them:
 - FUEL SOV 1/2.
 - HYD SOV 1/2.
 - POWERPLANT FIRE DET 1/2.
 - AIR COND/PNEU/EBV 1/2.
 - ICE AND RAIN PROTECTION/ENG AIR INLET 1/2.
 - LIGHTS OVHD PANEL.
- (2) Do the check below to the applicable engine fire extinguishing handle:
 - (a) Pull the engine 1(2) fire extinguishing handle.
 - 1 On Eicas display, the "E1(2) FUEL SOV CLSD" advisory message comes into view.
 - (b) Push the engine 1(2) fire extinguishing handle.
 - 1 On Eicas display, the "E1(2) FUEL SOV CLSD" advisory message goes out of view.
- (3) On the circuit breaker panel, close the circuit breakers below and remove the DO-NOT-CLOSE tag from them:
 - FIRE EXTG BTL A 1/2.
 - FIRE EXTG BTL B 1/2.
- (4) Make sure that "E1(2) EXTBTLA INOP" and "E1(2) EXTBTLB INOP" Eicas messages are not shown.
- (5) Do the Engine-fire Detection System Operational Check (AMM TASK 26-10-00-700-801-A/500 or AMM TASK 26-10-00-700-802-A/500), as applicable.