



AIRCRAFT  
MAINTENANCE MANUAL

**STALL PROTECTION PANEL - REMOVAL/INSTALLATION**

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove and install the Stall Protection Panel.
- 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
27-36-05-000-801-A	STALL PROTECTION PANEL - REMOVAL	ALL
27-36-05-400-801-A	STALL PROTECTION PANEL - INSTALLA- TION	ALL



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TASK 27-36-05-000-801-A

EFFECTIVITY: ALL

2. STALL PROTECTION PANEL - REMOVAL

A. General

- (1) This task gives the procedures to remove the Stall Protection Panel.

B. Zones and Accesses

Not Applicable

C. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
GSE 058	Kit, Rig Pins	To lock the elevator torque tube in the neutral position	

D. Auxiliary Items

Not Applicable

E. Consumable Materials

Not Applicable

F. Expandable Parts

Not Applicable

G. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Cockpit

H. Preparation

**SUBTASK 841-002-A**

- (1) Make sure that the aircraft is safe for maintenance.
- (2) On the Overhead Circuit Breaker Panel, open the circuit breakers below and attach a DO-NOT-CLOSE tag to them.
  - CHANNEL 1 ( Location Tip: ESSENTIAL DC BUS 1/ STALL PROT/ CHANNEL 1).
  - SHAKER 1 ( Location Tip: ESSENTIAL DC BUS 1/ STALL PROT/ SHAKER 1).
  - CHANNEL 2 ( Location Tip: DC BUS 2/ STALL PROT/ CHANNEL 2).
  - SHAKER 2 ( Location Tip: DC BUS 2/ STALL PROT/ SHAKER 2).
  - PUSHER CLUTCH (Location Tip: DC BUS 2/ STALL PROT/ PUSHER CLUTCH).
  - (FOR AIRCRAFT WITH DUAL FMS INSTALLED) FMS 1 (Location Tip: DC BUS 1/NAV/FMS1)



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- (3) On the right power control/distribution box, open the PUSHER MOTOR circuit breaker and attach a DO-NOT-TAG to it.

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

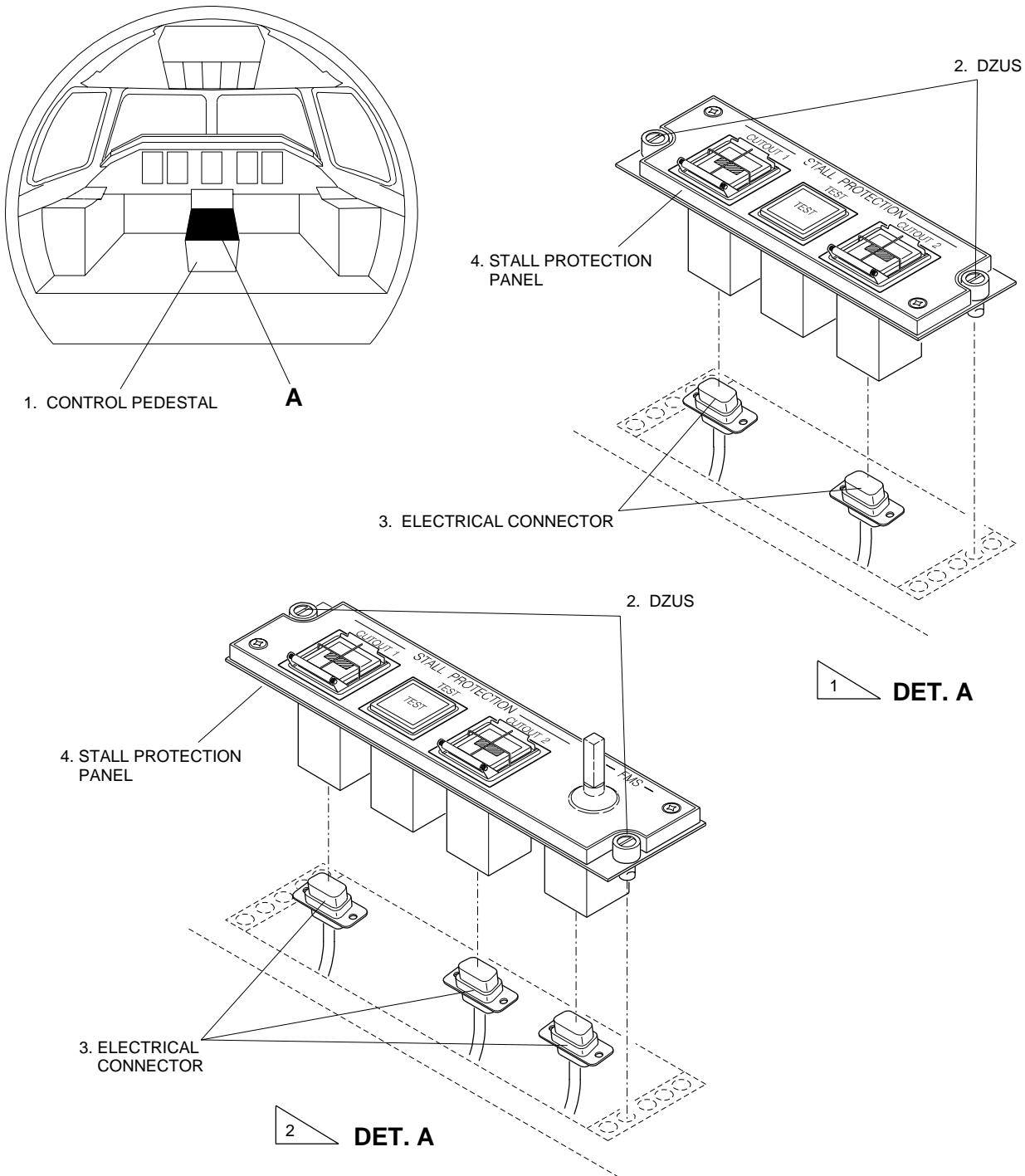
#### SUBTASK 020-002-A

- (1) Release the two Dzus fasteners (2) to remove the Stall Protection Panel (4).
- (2) Disconnect the electrical connector (3).
- (3) Remove the Stall Protection Panel (4) from the control pedestal (1).

**EFFECTIVITY: ALL**

Stall Protection Panel - Removal/Installation

Figure 401



 1 APPLICABLE TO AIRCRAFT WITH SINGLE FMS INSTALLED.

 2 APPLICABLE TO AIRCRAFT WITH DUAL FMS INSTALLED.

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TASK 27-36-05-400-801-A

EFFECTIVITY: ALL

3. STALL PROTECTION PANEL - INSTALLATION

A. General

- (1) This task gives the procedures to install the Stall Protection Panel.

B. References

REFERENCE	DESIGNATION
AMM TASK 27-36-00-700-801-A/500	STALL PROTECTION SYSTEM - OPERATIONAL CHECK
AMM TASK 34-61-00-700-801-A/500	FLIGHT MANAGEMENT SYSTEM (FMS) - OPERATIONAL TEST
AMM TASK 34-62-00-700-801-A/500	-

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
GSE 058	Kit, Rig Pins	To lock the aileron system in neutral position	

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. Installation (Figure 401)

SUBTASK 420-002-A

- (1) Connect the electrical connector (3) on the Stall Protection Panel (4).
- (2) Put the panel (4) in its housing in the control pedestal (1).
- (3) Tighten the two Dzus fasteners (2) of the Stall Protection Panel (4).



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J. 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.
  - CHANNEL 1 ( Location Tip: ESSENTIAL DC BUS 1/ STALL PROT/ CHANNEL 1).
  - SHAKER 1 ( Location Tip: ESSENTIAL DC BUS 1/ STALL PROT/ SHAKER 1).
  - CHANNEL 2 ( Location Tip: DC BUS 2/ STALL PROT/ CHANNEL 2).
  - SHAKER 2 ( Location Tip: DC BUS 2/ STALL PROT/ SHAKER 2).
  - PUSHER CLUTCH (Location Tip: DC BUS 2/ STALL PROT/ PUSHER CLUTCH).
  - (FOR AIRCRAFT WITH DUAL FMS INSTALLED) FMS 1 (Location Tip: DC BUS 1/NAV/FMS1)
- (2) On the right power control/distribution box, close the PUSHER MOTOR circuit breaker and remove the DO-NOT-TAG from it.
- (3) Do the operational check of the Stall Protection System ([AMM TASK 27-36-00-700-801-A/500](#)).
- (4) (For aircraft equipped with DUAL FMS Honeywell) Do the FMS Joystick test. Refer to [AMM TASK 34-61-00-700-801-A/500](#) step 5.
- (5) (For aircraft equipped with DUAL FMS Universal) Do the FMS Joystick test. Refer to AMM TASK 34-62-00-700-801-A/500 step (3).