

## RUDDER SERVO - INSPECTION/CHECK

*EFFECTIVITY: ALL*

1. General

- A. This section gives the procedures to do an inspection of the SM-200 rudder servo and SB-200 rudder servo support.
- 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
<a href="#">22-11-05-200-801-A</a>	RUDDER SERVO AND SUPPORT - INSPECTION	ALL

TASK 22-11-05-200-801-A

EFFECTIVITY: ALL

## 2. RUDDER SERVO AND SUPPORT - INSPECTION

### A. General

(1) This task gives the procedures to do a visual inspection of the rudder servo and support.

### B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM MPP 06-41-02/100	-
AMM TASK 22-11-05-000-801-A/400	RUDDER AUTOPILOT SERVO - REMOVAL
AMM TASK 22-11-05-000-802-A/400	SUPPORT OF THE RUDDER AUTOPILOT SERVO - REMOVAL
AMM TASK 22-11-05-400-801-A/400	RUDDER AUTOPILOT SERVO - INSTALLATION
AMM TASK 22-11-05-400-802-A/400	SUPPORT OF THE RUDDER AUTOPILOT SERVO - INSTALLATION
AMM TASK 27-21-01-700-802-A/500	-

### C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
272	272DR	Rear electronic compartment

### 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	Rear electronic compartment

### I. Preparation

#### SUBTASK 841-002-A

- (1) On the circuit breaker panel, open the AP 1 circuit breaker and attach a DO-NOT-CLOSE tag to it.
- (2) Remove the access door 272DR (AMM MPP 06-41-01/100).

- (3) Remove floor panel 271DF (AMM MPP 06-41-02/100).

J. Rudder Servo and Support - Inspection ([Figure 601](#))

*SUBTASK 210-002-A*

- (1) Do a visual inspection of the rudder servo and support for:
  - (a) Brackets and cable wear or contamination.
  - (b) Cable spool off angle.
  - (c) Security of installation of servo and servo support to the airframe.
- (2) Move the rudder.
- (3) Make sure that the servo and servo support have no noise, binding, backlash or other mechanical irregularities.
- (4) Do a check to see if the rudder servo-control cable is under specified tension (AMM TASK 27-21-01-700-802-A/500).

NOTE: If you find a failure of the servo or servo support, replace the defective servo ([AMM TASK 22-11-05-000-801-A/400](#)), ([AMM TASK 22-11-05-400-801-A/400](#)) or servo support ([AMM TASK 22-11-05-000-802-A/400](#)), ([AMM TASK 22-11-05-400-802-A/400](#)).

K. Follow-on

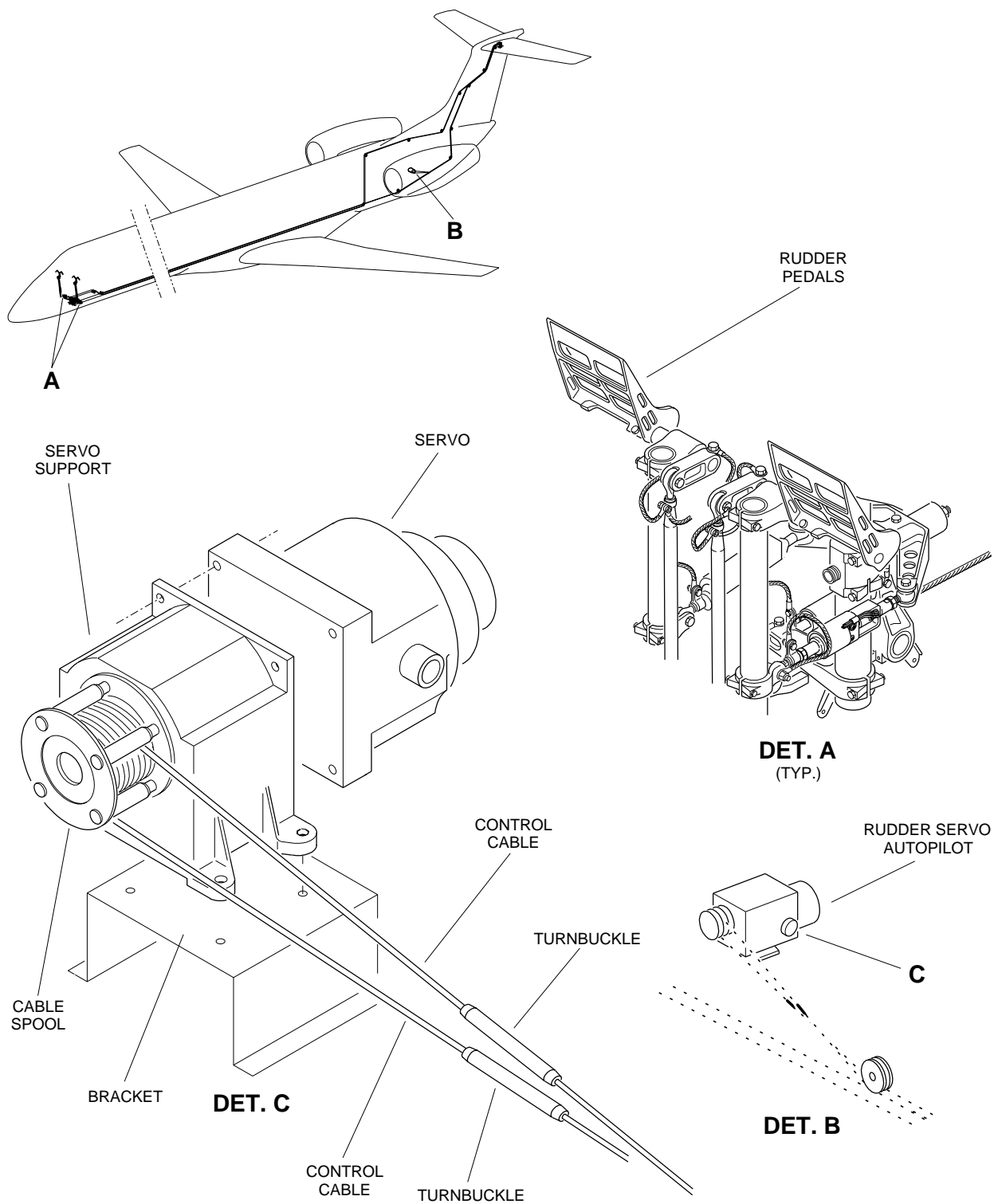
*SUBTASK 842-002-A*

- (1) Install floor panel 271DF (AMM MPP 06-41-02/100).
- (2) Install access door 272DR (AMM MPP 06-41-01/100).
- (3) On the circuit breaker panel, close the AP 1 circuit breaker and remove the DO-NOT-CLOSE tag from it.

EFFECTIVITY: ALL

Rudder Servo and Support - Inspection

Figure 601



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