



# AIRCRAFT MAINTENANCE MANUAL

## ELEVATOR SERVO - INSPECTION/CHECK

*EFFECTIVITY: ALL*

### 1. General

- A. This section gives the procedures to do an inspection of the SM-200 elevator servo and SB-200 elevator 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
22-11-04-200-801-A	ELEVATOR SERVO AND SUPPORT - IN-SPECTION	ALL



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TASK 22-11-04-200-801-A

EFFECTIVITY: ALL

2. ELEVATOR SERVO AND SUPPORT - INSPECTION

A. General

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

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM TASK 22-11-04-000-801-A/400	ELEVATOR AUTOPILOT SERVO - REMOVAL
AMM TASK 22-11-04-000-802-A/400	SUPPORT OF THE ELEVATOR AUTOPILOT SERVO - REMOVAL
AMM TASK 22-11-04-400-801-A/400	ELEVATOR AUTOPILOT SERVO - INSTALLATION
AMM TASK 22-11-04-400-802-A/400	SUPPORT OF THE ELEVATOR AUTOPILOT SERVO - INSTALLATION
AMM TASK 27-31-01-700-802-A/500	TENSION OF THE ELEVATOR AUTOPILOT-SERVO CABLES

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
123	123BL	Below the cockpit floor

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**

- (1) On the circuit breaker panel, open the AP 1 circuit breaker and attach a DO-NOT-CLOSE tag to it.
- (2) Remove access door 123BL (AMM MPP 06-41-01/100).



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

SUBTASK 210-002-A

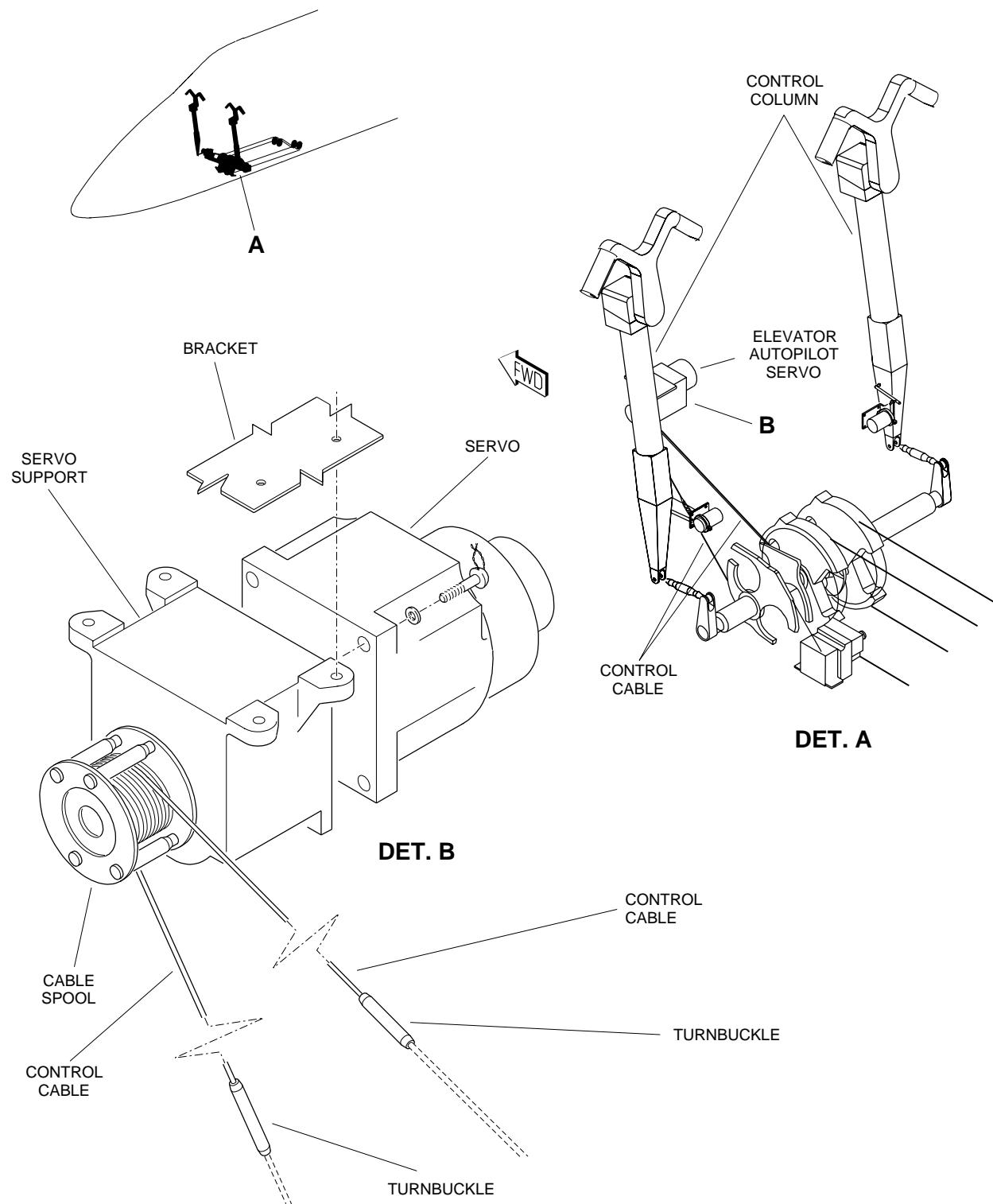
- (1) Do a visual inspection of the elevator servo and support for:
  - (a) Brackets and cable wear or contamination.
  - (b) Cable spool off angle.
  - (c) Security of installation of servo and servo support to the airframe.
- (2) Move the control column fully forward and backward.
- (3) Make sure that the servo and servo support have no noise, binding, backlash or other mechanical irregularities.
- (4) Do a check to see if the elevator servo-control cable is under specified tension ([AMM TASK 27-31-01-700-802-A/500](#)).

**NOTE:** If you find a failure of the servo or servo support, replace the defective servo ([AMM TASK 22-11-04-000-801-A/400](#)), ([AMM TASK 22-11-04-400-801-A/400](#)) or servo support ([AMM TASK 22-11-04-000-802-A/400](#)), ([AMM TASK 22-11-04-400-802-A/400](#)).

K. Follow-on

SUBTASK 842-002-A

- (1) Install access door 123BL (AMM MPP 06-41-01/100).
- (2) On the circuit breaker panel, close the AP 1 circuit breaker and remove the DO-NOT-CLOSE tag from it.

**EFFECTIVITY: ALL**
**Elevator Servo and Support - Inspection**
**Figure 601**


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