



AIRCRAFT MAINTENANCE MANUAL

AILERON SERVO - INSPECTION/CHECK

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to do an inspection of the SM-200 aileron servo and SB-200 aileron 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
22-11-03-200-801-A	AILERON SERVO/SUPPORT - INSPEC- TION	ALL



AIRCRAFT MAINTENANCE MANUAL

TASK 22-11-03-200-801-A

EFFECTIVITY: ALL

2. AILERON SERVO/SUPPORT - INSPECTION

A. General

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

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM TASK 22-11-03-000-801-A/400	AILERON AUTOPILOT SERVO - REMOVAL
AMM TASK 22-11-03-000-802-A/400	SUPPORT OF THE AILERON AUTOPILOT SERVO - REMOVAL
AMM TASK 22-11-03-400-801-A/400	AILERON AUTOPILOT SERVO - INSTALLATION
AMM TASK 22-11-03-400-802-A/400	SUPPORT OF THE AILERON AUTOPILOT SERVO - INSTALLATION
AMM TASK 27-11-01-700-802-A/500	-

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).



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

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

SUBTASK 210-002-A

- (1) Do a visual inspection of the aileron 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 wheel, to the right and to the left.
- (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 aileron servo-control cable is under specified tension (AMM TASK 27-11-01-700-802-A/500).

NOTE: If you find a failure of the servo or servo support, replace the defective servo ([AMM TASK 22-11-03-000-801-A/400](#)), ([AMM TASK 22-11-03-400-801-A/400](#)) or servo support ([AMM TASK 22-11-03-000-802-A/400](#)), ([AMM TASK 22-11-03-400-802-A/400](#)).

K. Follow-on

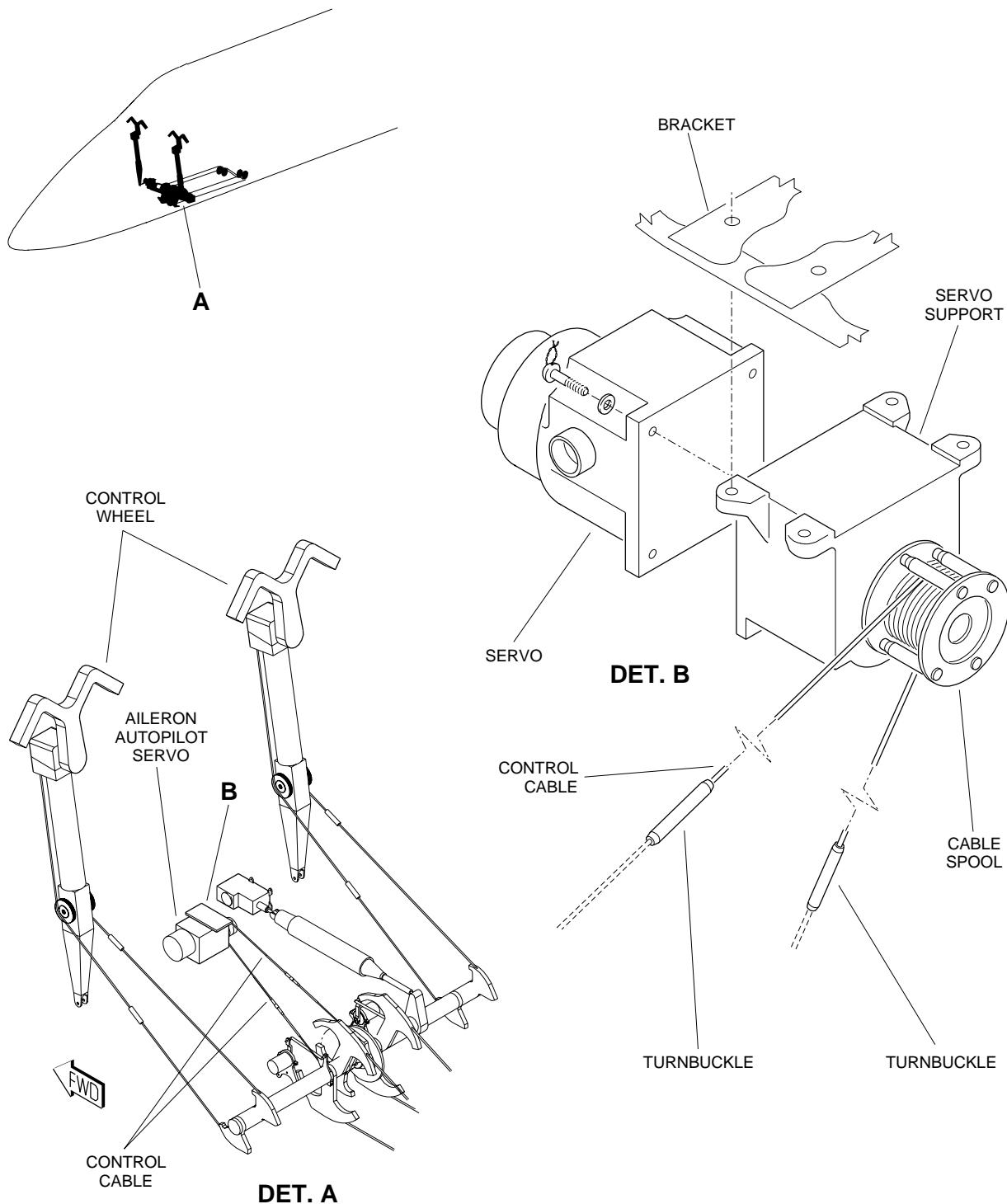
SUBTASK 842-002-A

- (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

Aileron Servo and Support - Inspection

Figure 601



145AMM220029.MCE A