



AIRCRAFT MAINTENANCE MANUAL

AILERON PRIMARY MECHANICAL CONTROL - SERVICING

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to lubricate the control wheel chain.
- 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
27-11-00-600-801-A ♦	CONTROL WHEEL CHAIN - LUBRICATION	ALL



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

TASK 27-11-00-600-801-A

EFFECTIVITY: ALL

2. CONTROL WHEEL CHAIN - LUBRICATION

A. General

- (1) This task gives the procedures to lubricate the control wheel chain.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM TASK 27-36-03-000-801-A/400	STICK SHAKER - REMOVAL
AMM TASK 27-36-03-400-801-A/400	STICK SHAKER - INSTALLATION

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
123	123BL	Area below the cockpit floor - LH

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
Molykote DC-33	Grease light consistency	AR
Commercially available	Tie-down strap	AR

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Area below the cockpit floor

I. Preparation

SUBTASK 841-002-A

- (1) Remove the control rigging door 123BL (AMM MPP 06-41-01/100).
- (2) Remove the Stick Shaker ([AMM TASK 27-36-03-000-801-A/400](#)).
- (3) Cut the tie-down strap that fasten the wiring to the control column.



- (4) Displace the wiring from the control column.
- (5) Remove the control column boot and main cover (AMM 25-12-14-000-801-A).
- (6) Remove the upper cover ([Figure 301](#)).

J. Lubricate Control Wheel Chain ([Figure 301](#))

SUBTASK 640-002-A

- (1) Move the right control wheel fully to the right.
- (2) Lubricate the sprocket and the control wheel chain in the control wheel ([Figure 301](#)).
- (3) Move the control wheel fully to the left.
- (4) Lubricate the sprocket and control wheel chain in the right control wheel ([Figure 301](#)).
- (5) Do steps 1 - 4 again for the left control wheel.

K. Follow-on

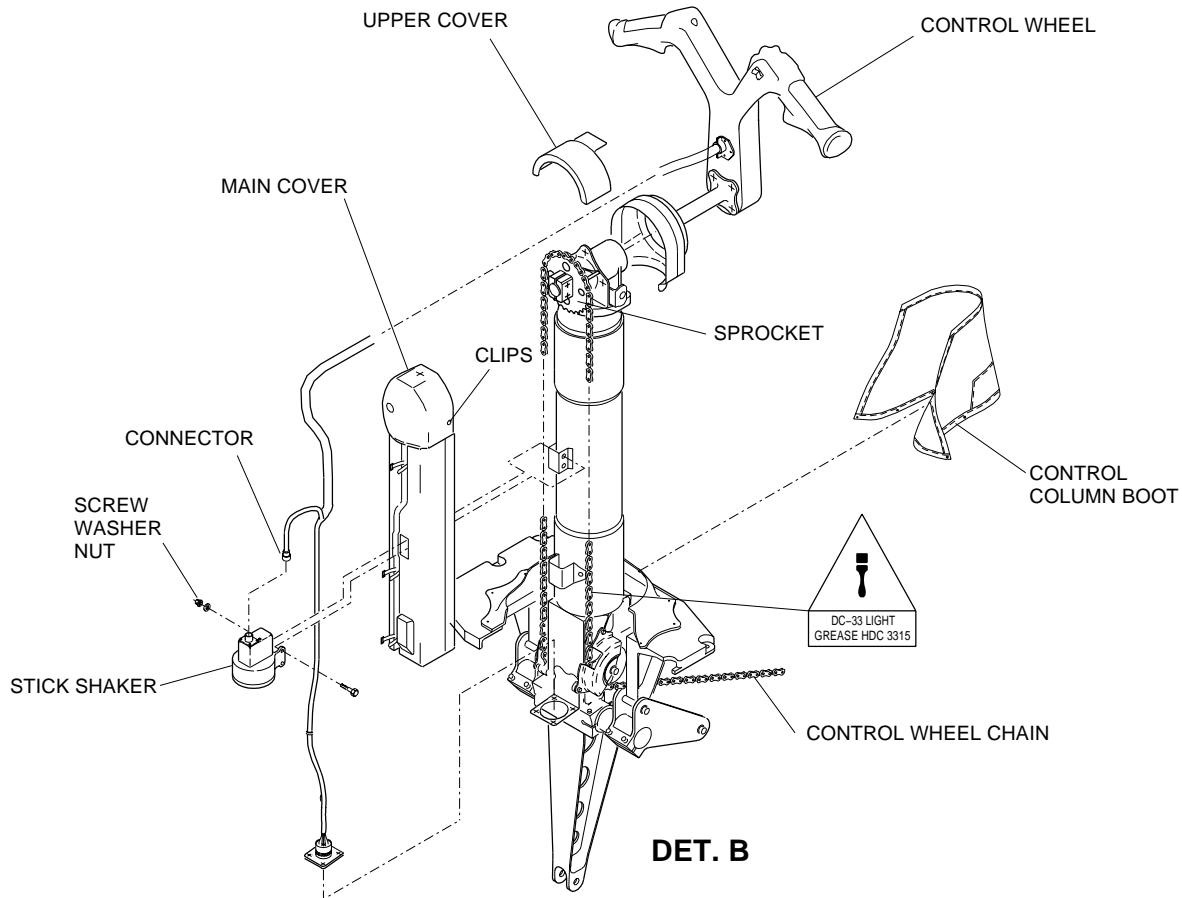
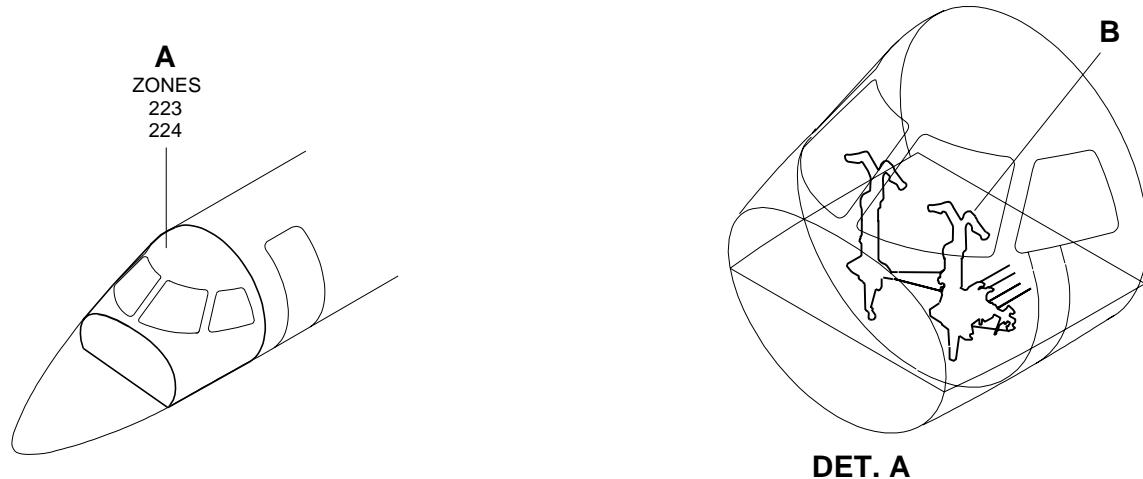
SUBTASK 842-002-A

- (1) Close the control rigging door 123BL (AMM MPP 06-41-01/100).
- (2) Install the upper cover ([Figure 301](#)).
- (3) Install the main cover and control column boot (AMM 25-12-14-400-801-A).
- (4) Place the wiring to the control column and fasten it with tie-down strap.
- (5) Install the Stick Shaker (AMM TASK 27-36-03-400-801-A/400).

EFFECTIVITY: ALL

Control Wheel Chain - Lubricating

Figure 301



EM145AMM270012A.DGN