



AIRCRAFT MAINTENANCE MANUAL

EMERGENCY/PARKING BRAKE HANDLE AND VALVE - SERVICING

EFFECTIVITY: ALL

1. General

- A. This section gives the procedure to lubricate the emergency/parking brake handle and roller of emergency/parking brake valve.
- 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
32-44-10-600-801-A ♦	LUBRICATE EMERGENCY/PARKING BRAKE CONTROL	ALL



EMB145 - EMB135

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TASK 32-44-10-600-801-A

EFFECTIVITY: ALL

2. LUBRICATE EMERGENCY/PARKING BRAKE CONTROL

A. General

- (1) This procedure gives the instructions to lubricate the emergency/parking brake handle and roller of emergency/parking brake valve.
- (2) For a good lubrication, the items must be in a clean condition. Before you apply the grease and oil, clean all surfaces, until there is no dust or used grease.
- (3) Dust and sand mixed with grease cause a grinding mixture which can badly damage the moving parts.
- (4) Before the lubrication, it is necessary to remove all grease or dust deposits with a cloth moist with the approved cleaning solvent.

B. References

REFERENCE	DESIGNATION
AMM TASK 32-00-01-910-801-A/200	LG SAFETY PIN - INSTALLATION AND REMOVAL

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Grease gun	To lubricate the emergency/parking brake handle	

E. Auxiliary Items

Not Applicable

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
ASTM-D740	Methyl Ethyl Ketone (MEK)	AR
MIL-PRF-7870	Oil	AR
MIL-G-21164	Grease	AR

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Cockpit and NLG wheelwell



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I. Preparation

SUBTASK 841-002-A

- (1) Make sure that NLG safety pin is installed ([AMM TASK 32-00-01-910-801-A/200](#)).

J. Lubricate Mechanical Hardware (Handle) and Roller of Emergency/Parking Brake Valve - Lubrication ([Figure 301](#))

SUBTASK 640-002-A

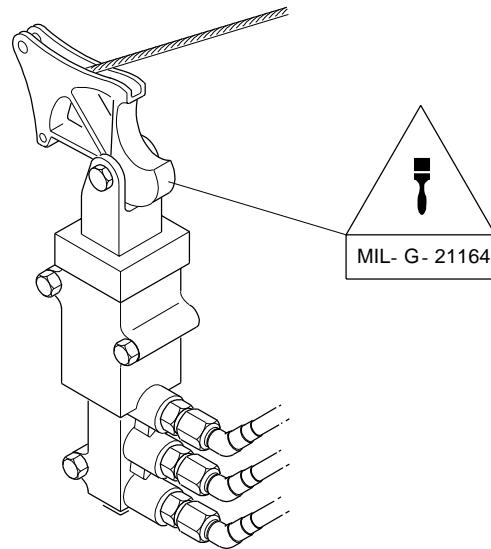
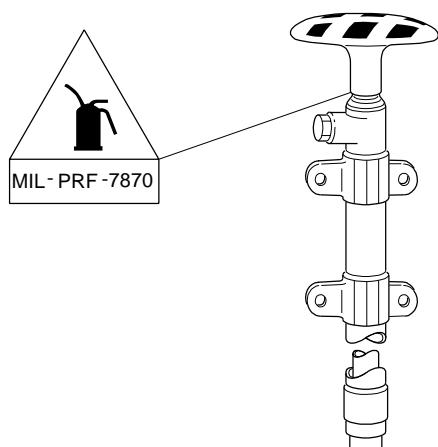
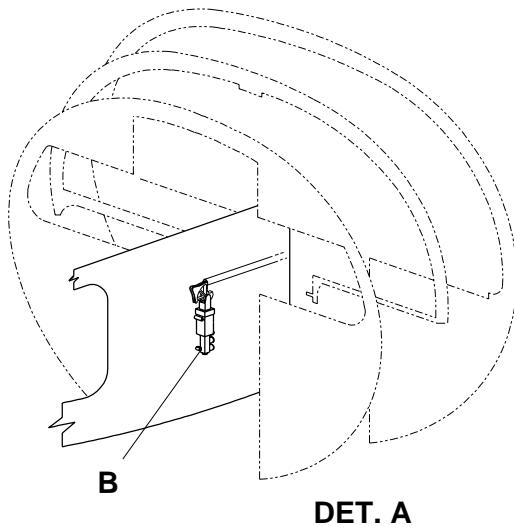
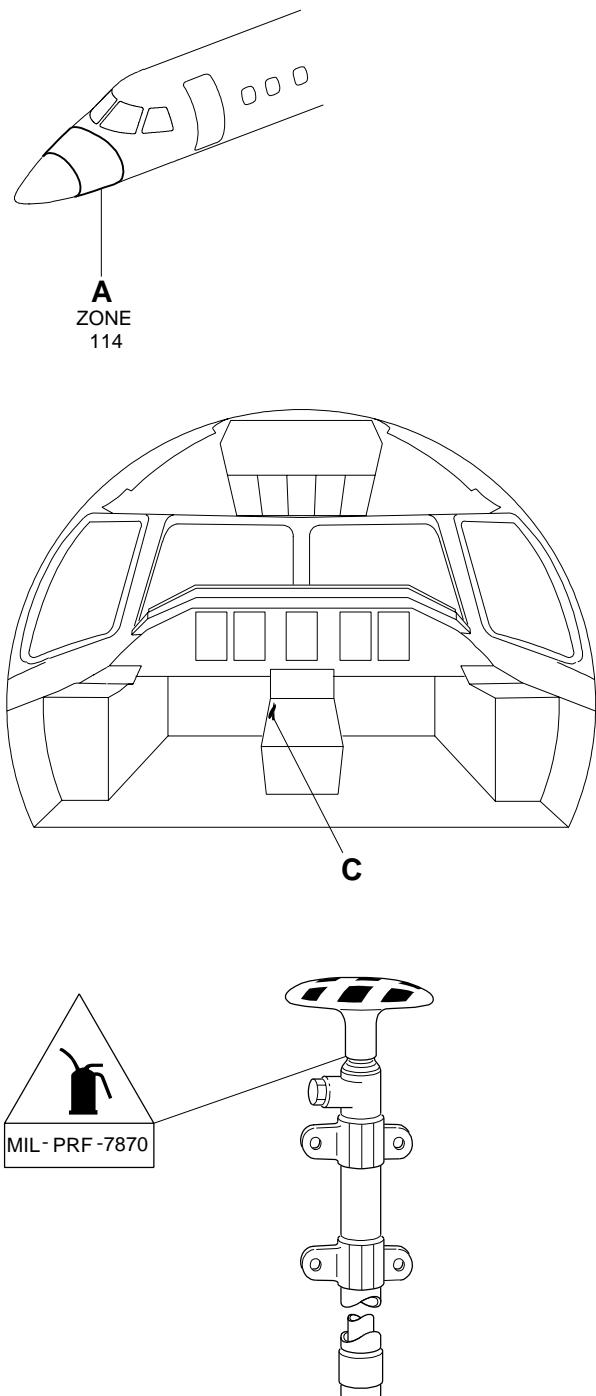
- (1) **NOTE:** During the cleaning, do not permit the MEK to touch painted, plastic or rubber surfaces.

With a clean cloth soaked in Methyl Ethyl Ketone (MEK), clean the mechanical hardware (handle) and roller of emergency/parking brake valve. Before the MEK evaporates, wipe those areas with a clean, dry cloth.

- (2) Lubricate the emergency/parking brake handle with oil.
- (3) Check the roller cam and piston of emergency/parking brake valve for free motion. If necessary lubricate them with grease.

EFFECTIVITY: ALL

Emergency/Parking Brake Handle and Roller of Emergency/Parking Brake Valve - Lubrication
Figure 301



DET. C
EMERGENCY/PARKING
BRAKE HANDLE

DET. B
EMERGENCY/PARKING
BRAKE VALVE

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