



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

FEEDBACK UNIT (POTENTIOMETER) - MAINTENANCE PRACTICES

EFFECTIVITY: ALL

1. General

- A. This section gives the procedure to restore the feedback potentiometer.
- 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 |
|--------------------|---|-------------|
| 32-50-07-900-801-A | FEEDBACK POTENTIOMETER - RESTO- RATION | ALL |



EMB145 – EMB135

AIRCRAFT
MAINTENANCE MANUAL

TASK 32-50-07-900-801-A

EFFECTIVITY: ALL

2. FEEDBACK POTENTIOMETER - RESTORATION

A. General

- (1) Refer to the LIEBHERR Component Maintenance Manual (CMM) 32-21-10 to restore the feedback potentiometer.
- (2) Restore the feedback potentiometer together with the restoration of the NLG leg.

B. References

| REFERENCE | DESIGNATION |
|---------------------------------|---|
| AMM TASK 29-10-00-860-802-A/200 | HYDRAULIC SYSTEM - PRESSURIZATION WITH EMDP |
| AMM TASK 32-00-02-910-801-A/200 | SAFETY PIN OF THE NLG DOORS SOLENOID VALVE - INSTALLATION AND REMOVAL |
| AMM TASK 32-20-01-000-801-A/400 | NOSE LANDING-GEAR LEG - REMOVAL |
| AMM TASK 32-20-01-400-801-A/400 | NOSE LANDING-GEAR LEG - INSTALLATION |
| S.B.145-32-0036 | - |

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

Not Applicable

I. Preparation

SUBTASK 841-002-A

- (1) For aircraft PRE-MOD. S.B.145-32-0036, make sure that the pressure in hydraulic system No. 1 is fully released (AMM TASK 29-10-00-860-802-A/200).
- (2) For aircraft POST-MOD. S.B.145-32-0036, install safety pin of the NLG doors solenoid valve (AMM TASK 32-00-02-910-801-A/200).
- (3) The feedback potentiometer is removed together the NLG leg (AMM TASK 32-20-01-000-801-A/400).



AIRCRAFT
MAINTENANCE MANUAL

J. Restore Feedback Potentiometer ([Figure 201](#))

SUBTASK 900-002-A

- (1) Refer to the last revision of the LIEBHERR CMM 32-21-10 to restore the feedback potentiometer.

K. Follow-on ([Figure 201](#))

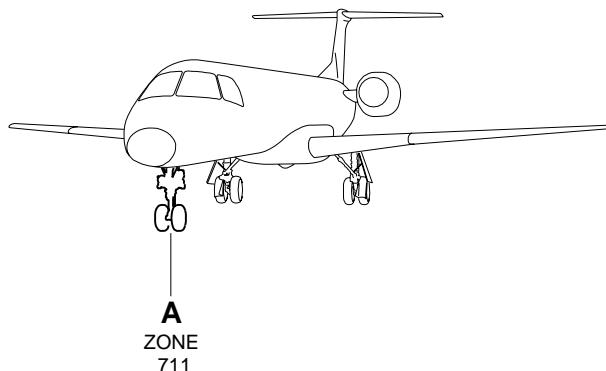
SUBTASK 842-002-A

- (1) The feedback potentiometer is installed together with the NLG leg ([AMM TASK 32-20-01-400-801-A/400](#)).
- (2) For aircraft POST-MOD. S.B.145-32-0036, remove safety pin of the NLG doors solenoid valve ([AMM TASK 32-00-02-910-801-A/200](#)).

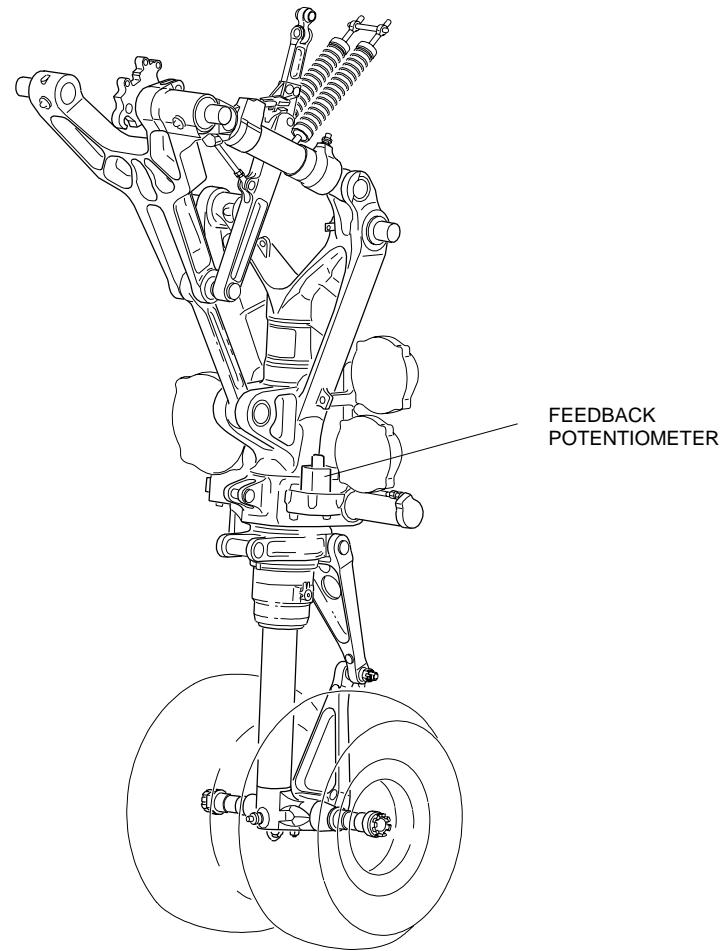
EFFECTIVITY: ALL

Feedback Potentiometer - Restoration

Figure 201



A
ZONE
711



DET. A

145AMM320055.MCE A