



AIRCRAFT MAINTENANCE MANUAL

MAIN-LANDING-GEAR SHOCK ABSORBER - INSPECTION/CHECK

EFFECTIVITY: ALL

1. General

- A. This section gives the procedure to do an inspection on the Main Landing Gear (MLG) shock absorber for general condition.
- 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
32-10-02-200-801-A ♦	MLG SHOCK ABSORBER - INSPECTION	ALL



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

TASK 32-10-02-200-801-A

EFFECTIVITY: ALL

2. MLG SHOCK ABSORBER - INSPECTION

A. General

- (1) Use this procedure to do an inspection on the MLG shock absorber for general condition.

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	Gage (Range: 3000 psi)	To measure strut pressure	
Commercially available	Metal Ruler	To measure height H	

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	LH and RH MLG

I. Preparation

SUBTASK 841-002-A

- (1) Make sure that the landing gear safety pins are installed on the MLGs ([AMM TASK 32-00-01-910-801-A/200](#)).
- (2) Connect the pressure gage to the filling/charging valve.

J. Visually Check MLG Shock Absorber Extension ([Figure 601](#)) ([Figure 602](#))

SUBTASK 211-002-A

- (1) Do an inspection on the MLG shock absorber (1) for general condition and leakage ([Figure 601](#)).



**AIRCRAFT
MAINTENANCE MANUAL**

(2) Do the check of the H height. Refer to the instructions in Figure 602.

K. Follow-on

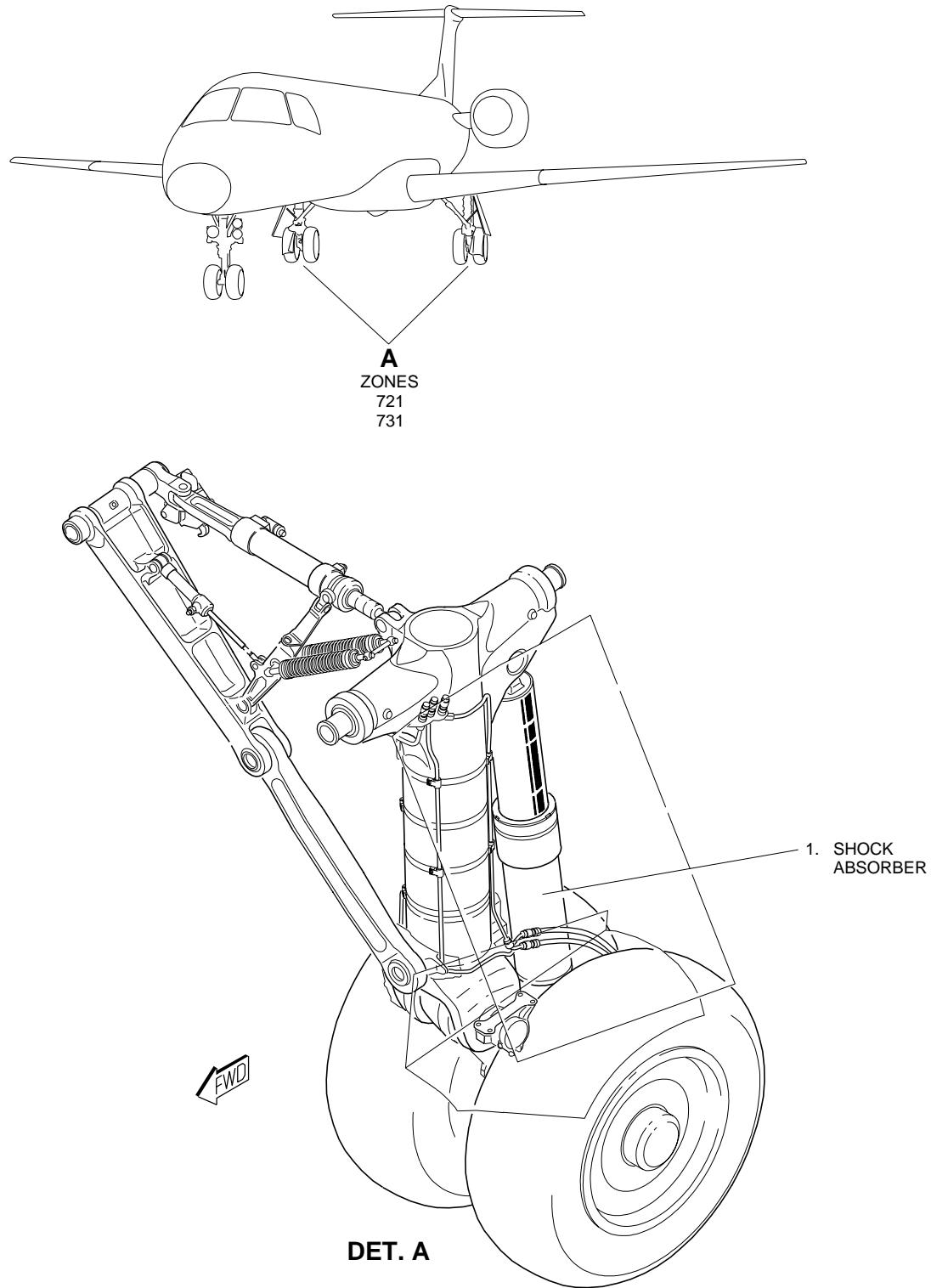
SUBTASK 842-002-A

(1) Remove the pressure gage from the filling/charging valve.

EFFECTIVITY: ALL

MLG Shock Absorber - Inspection

Figure 601

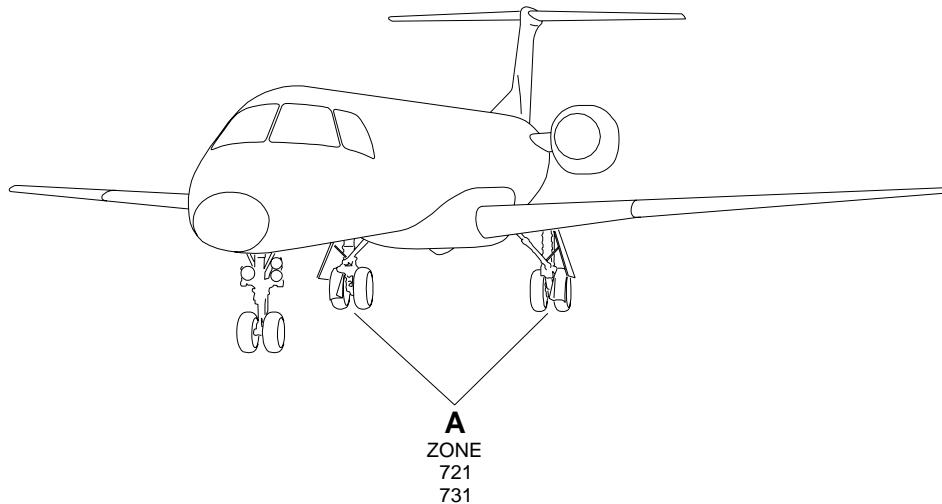


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EFFECTIVITY: ALL

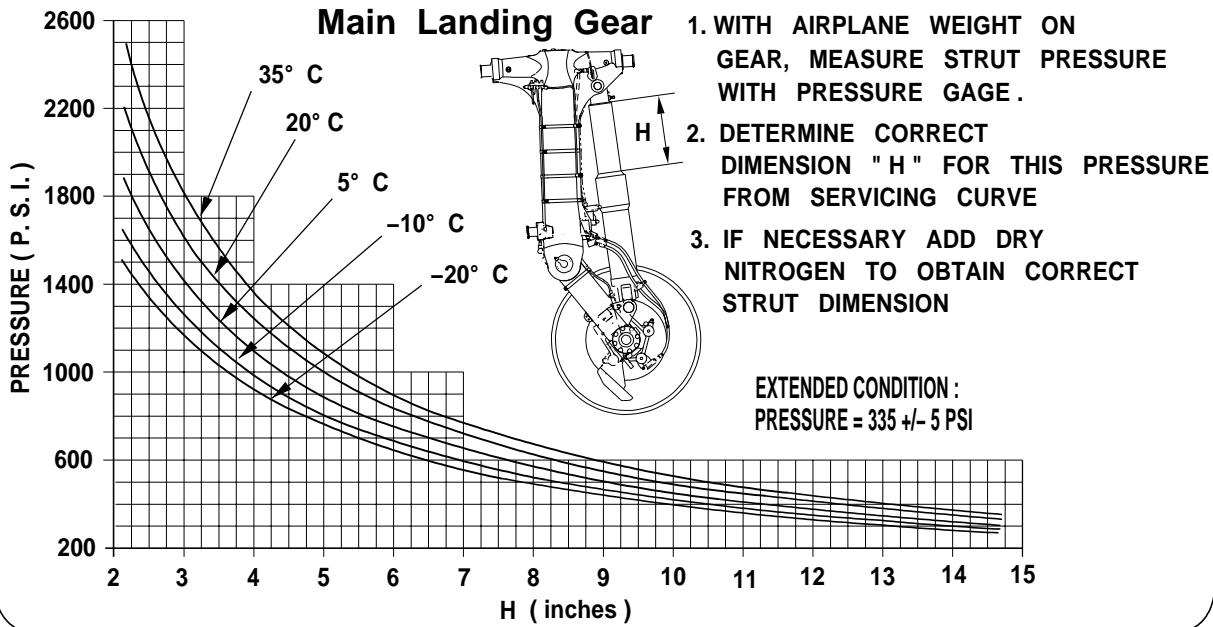
Height of the MLG Shock Absorber

Figure 602



SERVICING CHART

Main Landing Gear



DET. A

EM145AMM320690A.DGN

