



AIRCRAFT MAINTENANCE MANUAL

LANDING GEAR SAFETY PIN - MAINTENANCE PRACTICES

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to install and remove the Landing Gear (LG) safety pins.
- 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
32-00-01-910-801-A	LG SAFETY PIN - INSTALLATION AND REMOVAL	ALL



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TASK 32-00-01-910-801-A

EFFECTIVITY: ALL

2. LG SAFETY PIN - INSTALLATION AND REMOVAL

A. General

- (1) You must install the LG safety pins when the aircraft is parked, during maintenance procedures, and during the towing of the aircraft. The use of the LG safety pins is optional when you tow or push the aircraft for the flight. This occurs when the aircraft is in position for the flight crew to taxi the aircraft before or after a flight.
- (2) When not in use, the LG safety pins are kept in a recess of the aft console, behind the pilot seat.

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
SB145-32-0036	-

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

QTY	FUNCTION	PLACE
1	Does the task	RH MLG, LH MLG, and NLG

I. Install ([Figure 201](#))

SUBTASK 420-002-A

WARNING: DURING THE INSTALLATION OF THE LG SAFETY PIN, PREVENT SUDDEN AND STRONG MOVEMENTS OF THE AUXILIARY BRACE STRUT. THIS CAN CAUSE AN ACCIDENTAL UNLOCKING OF THE LANDING GEAR, WITH SUBSEQUENT INJURIES TO PERSONNEL AND DAMAGE TO AIRCRAFT.

- (1) Make sure that the landing gear control lever is in the DOWN position.



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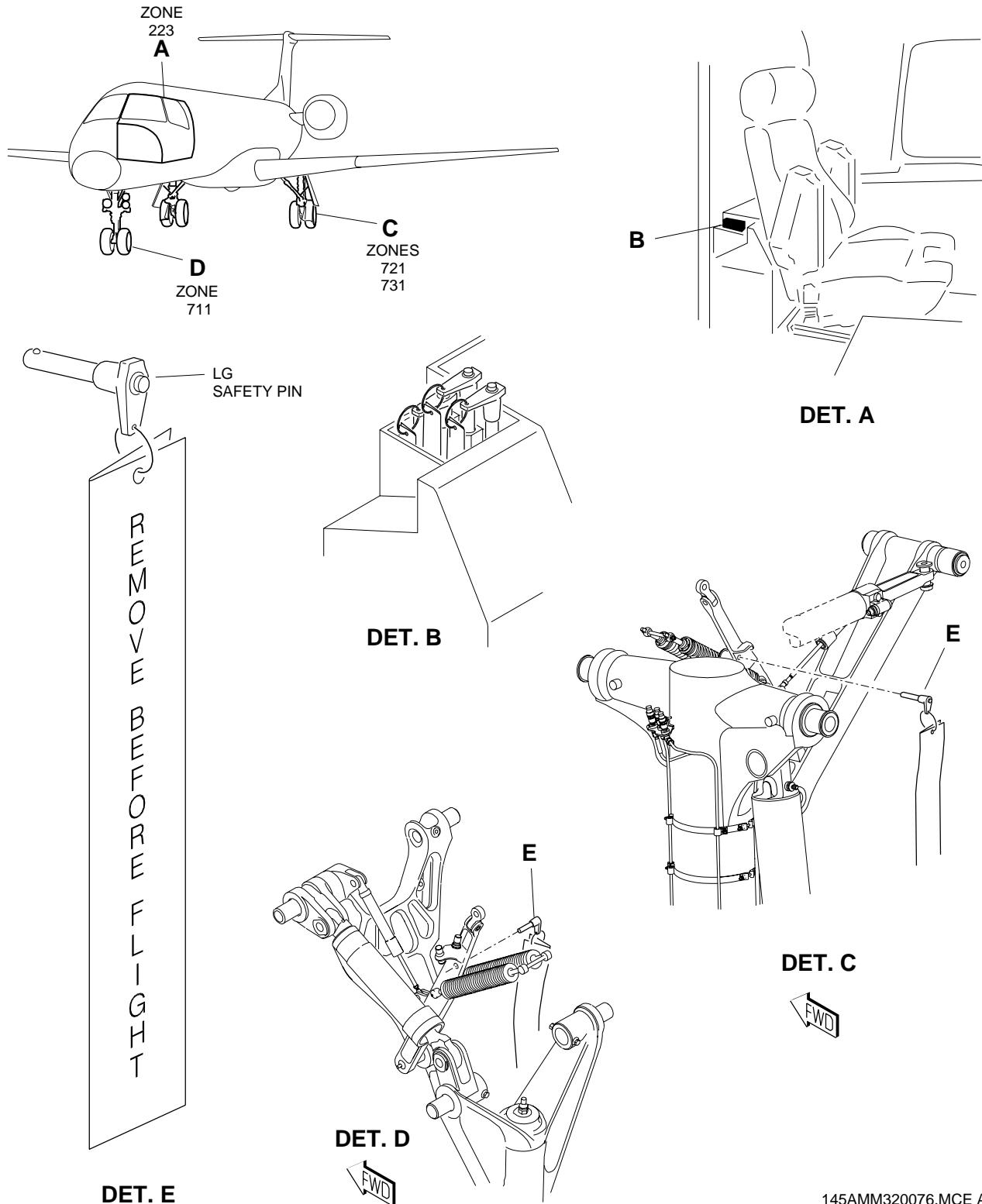
- (2) For aircraft PRE-MOD [SB145-32-0036](#), make sure that the pressure in hydraulic system No. 1 is fully released ([AMM TASK 29-10-00-860-802-A/200](#)).
- (3) For aircraft POST-MOD [SB145-32-0036](#), install safety pin of the NLG doors solenoid valve ([AMM TASK 32-00-02-910-801-A/200](#)).
- (4) Install the LG safety pin at the auxiliary brace strut in each landing gear.
- (5) Make sure that the red REMOVE BEFORE FLIGHT streamer is clearly in view.

J. Removal ([Figure 201](#))

SUBTASK 020-002-A

- (1) Make sure that the landing gear control lever is in the DOWN position.
- (2) Remove the LG safety pins.
- (3) Keep the LG safety pins in the recess of the aft console, behind the pilot seat.
- (4) For aircraft POST-MOD [SB145-32-0036](#), remove safety pin of the NLG doors solenoid valve ([AMM TASK 32-00-02-910-801-A/200](#)).

EFFECTIVITY: ALL
LG Safety Pins
Figure 201



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