



EMB145 - EMB135

AIRCRAFT  
MAINTENANCE MANUAL

**NOSE WHEEL STEERING SYSTEM - INSPECTION/CHECK**

*EFFECTIVITY: ALL*

1. General

- A. This section gives the procedure to inspect the correct position of Nose Wheel Position Indication Mark Placard on the Nose Landing Gear.
- 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
32-50-00-600-801-A	NOSE WHEEL POSITION INDICATION MARK PLACARD - INSPECTION	ALL



AIRCRAFT  
MAINTENANCE MANUAL

TASK 32-50-00-600-801-A

EFFECTIVITY: ALL

2. NOSE WHEEL POSITION INDICATION MARK PLACARD - INSPECTION

A. General

- (1) This task gives the procedures to inspect the correct position of Nose Wheel Position Indication Mark Placard on the Nose Landing Gear.

B. References

REFERENCE	DESIGNATION
AMM MPP 11-22-01/100	- COMPONENT LOCATION
AMM TASK 07-10-00-500-801-A/200	-
AMM TASK 07-10-00-500-802-A/200	-
AMM TASK 20-40-01-860-801-A/200	ENERGIZATION OF THE AIRCRAFT WITH AN EXTERNAL POWER SOURCE
AMM TASK 29-10-00-860-802-A/200	HYDRAULIC SYSTEM - PRESSURIZATION WITH EMDP
AMM TASK 32-00-01-910-801-A/200	LG SAFETY PIN - INSTALLATION AND REMOVAL
AMM TASK 32-00-02-910-801-A/200	SAFETY PIN OF THE NLG DOORS SOLENOID VALVE - INSTALLATION AND REMOVAL
CMM 32-21-10	-
S.B.145-32-0036	-
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	NLG

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) Make sure that the nose landing gear safety pin is installed ([AMM TASK 32-00-01-910-801-A/200](#)).
- (4) Do the complete aircraft jacking. Refer to AMM TASK 07-10-00-500-801-A/200 and make sure that the NLG wheels are in neutral position.

**NOTE:** If the NLG stayed more 20 degrees out of the neutral position, center the nosewheels manually.

J. Functional Check - Nose Wheel Position Indication Mark Placard ([Figure 601](#))

**SUBTASK 610-002-A**

- (1) Make sure that the NLG is centered/aligned with the zero mark on the graduate scale (in degree) of the landing gear.

**NOTE:** • If necessary use a magnifying glass to check the zero mark.  
• If necessary repair the placard or replace it for a new one. Refer to ([AMM MPP 11-22-01/100](#)) and ([CMM 32-21-10](#)).

K. Follow-on

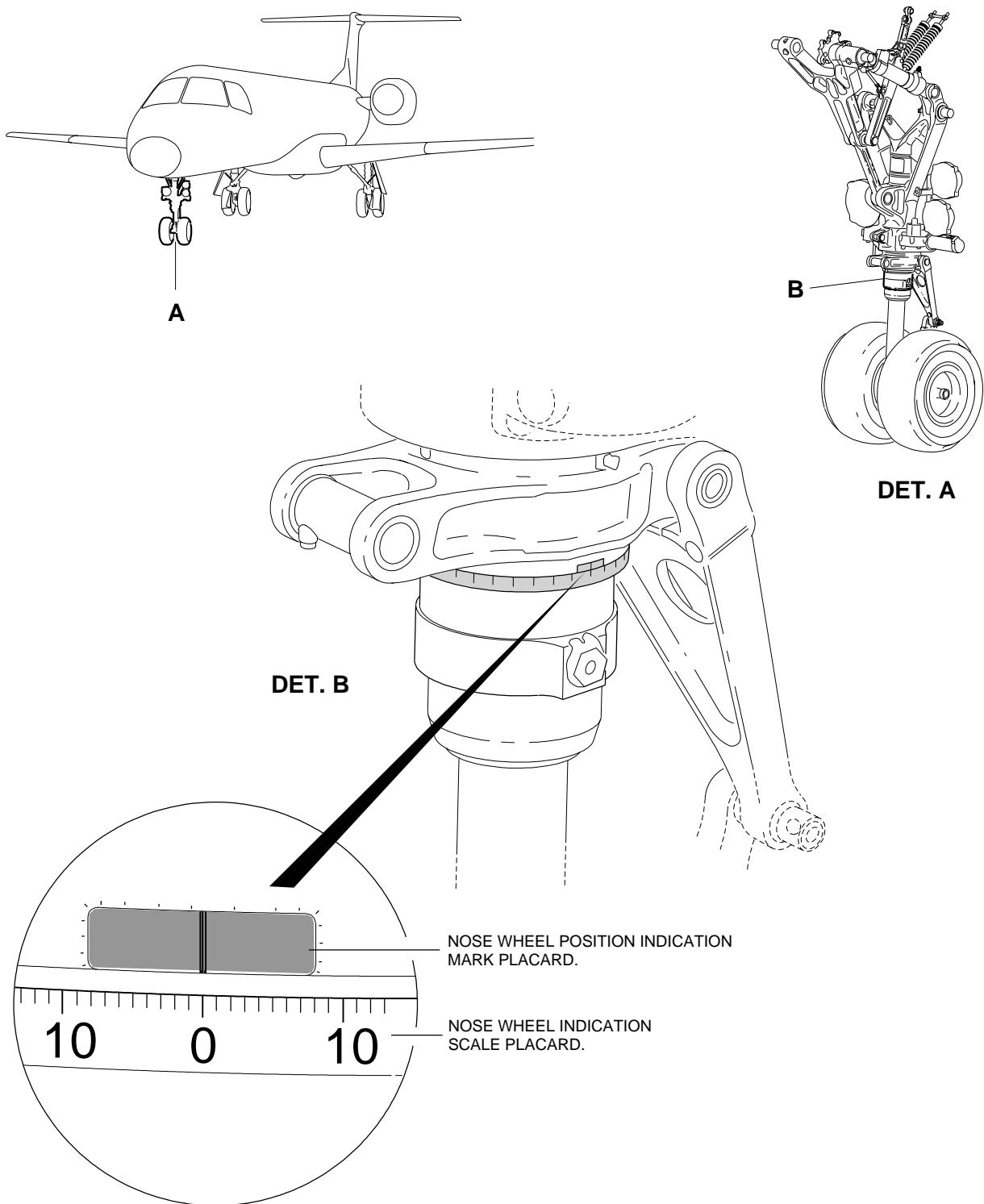
**SUBTASK 842-002-A**

- (1) Lower the aircraft ([AMM TASK 07-10-00-500-802-A/200](#)).
- (2) On the circuit breaker panel, close the STEER circuit breaker and remove the DO-NOT-CLOSE tag to it.
- (3) Deenergize the aircraft ([AMM TASK 20-40-01-860-801-A/200](#)).
- (4) Remove the safety pins of the landing gears ([AMM TASK 32-00-01-910-801-A/200](#)) only before taxi and takeoff.
- (5) 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**

Nose Wheel Position Indication Mark Placard - Inspection

Figure 601



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