

## LANDING GEAR DOWN OVERSPEED - INSPECTION/CHECK

EFFECTIVITY: ALL

### 1. General

- A. The structural and general inspections in this section are applicable after the landing gear was extended in flight at speeds above the maximum placarded permitted values.
- B. This section gives the procedure to do an inspection of the main and nose landing gear doors after a landing gear down overspeed condition.
- C. The Indicated Air Speed (IAS) limits for flight with landing-gear in transit or locked down are given in Section 2 of the AFM and named as follows:
  - $V_{LO}$  for retraction is the maximum speed at which the landing gear can be safely retracted.
  - $V_{LO}$  for extension is the maximum speed at which the landing gear can be safely extended.
  - $V_{LE}$  is the maximum speed at which the airplane can be safely flown with the landing gear extended and locked.
- D. The  $V_{LO}$  for retraction value is 200 KIAS, the  $V_{LO}$  for extension value is 250 KIAS and the  $V_{LE}$  value is 250 KIAS.
- E. 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
05-50-06-200-801-A	LANDING GEAR DOWN OVERSPEED	ALL

TASK 05-50-06-200-801-A

EFFECTIVITY: ALL

## 2. LANDING GEAR DOWN OVERSPEED

### A. General

- (1) The structural and general inspections in this section are applicable after the landing gear was extended in flight at speeds above the maximum placarded permitted values.
- (2) This inspection procedure is applicable to the NLG doors and to the main and auxiliary doors of the LH and RH MLG.

### B. References

REFERENCE	DESIGNATION
AMM TASK 07-10-00-500-801-A/200	-
AMM TASK 07-10-00-500-802-A/200	-
<a href="#">AMM TASK 32-00-01-910-801-A/200</a>	LG SAFETY PIN - INSTALLATION AND REMOVAL
<a href="#">AMM TASK 32-10-00-200-801-A/600</a>	MLG DOORS - INSPECTION
<a href="#">AMM TASK 32-20-05-200-801-A/600</a>	NLG DOORS - INSPECTION
AMM TASK 51-50-01-820-801-A/200	-

### 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	Landing gear

### I. Preparation

#### SUBTASK 841-002-A

- (1) Jack the aircraft and retract and extend the landing gears (AMM TASK 07-10-00-500-801-A/200).
- (2) Make sure that landing gear safety pins are installed on the main and nose landing gear ( [AMM TASK 32-00-01-910-801-A/200](#)).

J. Inspection

*SUBTASK 200-002-A*

- (1) Examine the aircraft for signs of interference, misalignment, or distortion. In case of damage, do the aircraft alignment (AMM TASK 51-50-01-820-801-A/200).
- (2) Nose Landing Gear:
  - (a) Visually examine the nose landing gear doors for integrity ( [AMM TASK 32-20-05-200-801-A/600](#)).
  - (b) Examine the nose-gear doors, their related hinges, linkage, and linkage support structure included for distortion, cracks, misalignment, displacement, skin cracks, fastener hole elongation or tear-out, pulled or missing fasteners, backlash, and other signs of a dangerous condition.
- (3) Main Landing Gear:
  - (a) Examine the main gear doors, and their related hinges, linkage, and linkage support structure, for distortion, cracks, misalignment, displacement, skin cracks, fastener hole elongation or tear-out, pulled or missing fasteners, and other signs of a dangerous condition ( [AMM TASK 32-10-00-200-801-A/600](#)).

K. Follow-on

*SUBTASK 842-002-A*

- (1) Lower the aircraft and remove the jack (AMM TASK 07-10-00-500-802-A/200).

