



## OVERHEATED WHEELS - INSPECTION/CHECK

EFFECTIVITY: ALL

### 1. General

- A. This inspection procedure is applicable to the main landing gear after an indication of overheated wheels.
- B. A condition of overheat wheels occurs when one or more wheel fuse-plugs are release due to energy dissipated by the brakes.
- C. 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
05-50-14-200-801-A	OVERHEAT WHEELS	ALL



AIRCRAFT  
MAINTENANCE MANUAL

TASK 05-50-14-200-801-A

EFFECTIVITY: ALL

2. OVERHEAT WHEELS

A. General

- (1) Do an inspection on the landing gear, wheels and brakes after a overheat wheels condition.

B. References

REFERENCE	DESIGNATION
AMM TASK 05-50-16-200-801-A/600	HIGH ENERGY STOP - INSPECTION
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

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Do the task	Main landing gear

I. Preparation

SUBTASK 841-002-A

- WARNING:**
- IF ONE OR MORE WHEEL FUSE PLUGS ARE RELEASED, DO NOT GO NEAR THE LANDING GEAR AREA FOR ONE HOUR. IF THIS IS NECESSARY BEFORE ONE HOUR, GO NEAR THE AREA VERY CAREFULLY AND ONLY FROM THE FRONT OR REAR OF THE TIRES. DO THIS WHEN ONE OR ALL OF THE TIRES ARE INFLATED. INJURY TO PERSONS CAN OCCUR.
  - MAKE SURE THAT THE LATERAL AREA OF THE TIRE IS CLEAR TO PREVENT POSSIBLE INJURY TO PERSONS.
  - DO NOT SPRAY EXTINGUISHER OR COOLANT DIRECTLY ON THE INFLATED TIRE OR WHEEL. THIS CAN CAUSE AN EXPLOSION AND INJURY TO PERSONS CAN OCCUR.



EMB145 – EMB135

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- (1) On the circuit breaker panel, open the CMD circuit breaker and attach a DO NOT CLOSE tag to it.
- (2) Make sure that landing gear safety pins are installed on the main and nose landing gears ([AMM TASK 32-00-01-910-801-A/200](#)).

J. Detailed Inspection

*SUBTASK 212-002-A*

- (1) Do the detailed inspection on the wheels, brakes, and axle ([AMM TASK 05-50-16-200-801-A/600](#)).

K. Follow-on

*SUBTASK 842-002-A*

- (1) On the circuit break panel, close the CMD circuit breaker and remove the DO NOT CLOSE tag to it.
- (2) Make sure that landing-gear safety pins are not installed on the main and nose landing gears ([AMM TASK 32-00-01-910-801-A/200](#)).

