

## ICE OR SNOW CONDITION - INSPECTION/CHECK

*EFFECTIVITY: ALL*

### 1. General

- A. When the aircraft surfaces have accumulation of frozen moisture (ice or snow) or freezing precipitation adheres to the surfaces, they must be deiced before the aircraft is dispatched.
- B. This section gives the procedures to be done on the aircraft surfaces before flight when ice-formation or snow-accumulation condition occurs.
- 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
05-50-10-200-801-A	ICING OR SNOWING INSPECTION	ALL

TASK 05-50-10-200-801-A

EFFECTIVITY: ALL

## 2. ICING OR SNOWING INSPECTION

### A. General

- (1) This inspection gives the procedures to be done on the aircraft surfaces before flight under icing or snowing conditions.

### B. References

REFERENCE	DESIGNATION
<a href="#">AMM TASK 12-30-01-860-801-A/200</a>	DEICING/ANTI-ICING FLUID APPLICATION
<a href="#">AMM TASK 32-00-01-910-801-A/200</a>	LG SAFETY PIN - INSTALLATION AND REMOVAL
<a href="#">AMM TASK 49-17-00-100-801-A/700</a>	APU DRAIN LINES - CLEANING
<a href="#">AMM TASK 49-19-00-100-801-A/700</a>	APU DRAIN LINES - CLEANING

### 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	AR

### I. Preparation

**SUBTASK 841-002-A**

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

J. Inspection

SUBTASK 200-002-A

**WARNING:** • NO AIRCRAFT MUST BE DISPATCHED OR TAKE OFF WHEN THE WINGS OR TAIL SURFACES HAVE ACCUMULATION OF ICE, SNOW, OR FROST.

- BE SPECIALLY CAREFUL WITH THE UPPER SURFACE OF THE WING. THIS AREA CAN CONTAIN A THIN LAYER OF ICE THAT YOU CANNOT SEE AND IT MUST BE EXAMINED BY TOUCH.
- (1) Before the flight, examine the aircraft surfaces as follows for accumulation of ice or snow. If there is an ice formation or snow on the aircraft surfaces, do the cold-weather maintenance practices ( [AMM TASK 12-30-01-860-801-A/200](#)).
- (a) Examine the fuselage for signs of ice formation or snow accumulation.
  - (b) Examine the wings for signs of ice formation. Do an inspection on the upper surface of the wing by touch. It is possible that there is a thin ice layer that you cannot see.
  - (c) Examine all flight control surfaces for icing accumulation and/or packed ice in the hinge gaps. Operate all control surfaces to make sure that they can move along their full travel.
  - (d) Examine all flight control surfaces to make sure that they are free of icing contamination.
  - (e) Make sure that the engine air-conditioning, vent, and NACA air inlets are clear and/or not obstructed.
  - (f) Examine the landing gear doors and locks, the proximity sensors, the free-fall device, the brakes, and the auxiliary brace structure for signs of ice or snow accumulation.
  - (g) Make sure that all sensors (pitot sensors/pitot/static sensor/anemometric and pressurization static ports/TAT probes/ice detectors/angle-of-attack (AOA) sensors) are free of ice or snow accumulation and/or obstructions
  - (h) Make sure that the main door, escape hatches, windshields, and windows are free of ice or snow accumulation.
  - (i) Make sure that all waste water and condensation drains on the aircraft have no ice or obstructions.
  - (j) Examine APU area and the following components:
    - 1 APU Air Inlet Inspection;
    - 2 APU Starter-Generator Air Inlet;
    - 3 APU Oil-Cooler Air Inlet;
    - 4 APU Air Inlet Screen Frame;
    - 5 APU Exhaust Ducts;

6 APU Drains.

NOTE: Inspect the APU drains and make sure all of them are clear and not blocked. If necessary, do the cleaning according to the [AMM TASK 49-17-00-100-801-A/700](#) and [AMM TASK 49-19-00-100-801-A/700](#).

K. Follow-on

*SUBTASK 842-002-A*

- (1) Remove all tools, equipment, and unwanted materials from the work area.