

GENERAL VISUAL INSPECTION OF THE WINGS

1. OVERVIEW OF THE JOB

Operation codes:

- 57-00-00-210-801-01 LH wing
- 57-00-00-210-801-02 RH wing
- 57-00-00-210-801-03 LH wing anti-icing system
- 57-00-00-210-801-04 RH wing anti-icing system

This procedure describes the General Visual Inspection (GVI) of the LH and RH wings and of the LH and RH wing anti-icing system.

NOTE 1: The scope of the inspection to be performed, the types of damage to look for during this inspection and the possible repairs are given in the "INSPECTIONS" description section (SDS 20-10-00).

NOTE 2: When performing inspections or checks, if corrosion, cracks or other defects are found, refer to the applicable procedure (RPI 51-00-05) which will guide you through the damage classification and repair process identification.

2. LOGISTICS

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3. JOB SET-UP

- A. Obey the flight control system maintenance and safety precautions (TASK 27-00-00-910-801).
- B. Remove the wing fixed leading edges (512BT)/(612BT) (TASK 57-41-03-900-801).
- C. Remove the access doors: (522AB), (522BB), (522CB), (522DB), (522EB), (522FB), (550AB), (550BB), (561AB), (563HB), (571AB), (581AB), (622AB), (622BB), (622CB), (622DB), (622EB), (622FB), (650AB), (650BB), (661AB), (663HB), (671AB) and (681AB).
- D. Connect the electrical Ground Power Unit (GPU) (TASK 24-00-00-860-801).
- E. Obey the hydraulic system maintenance and safety precautions (TASK 29-00-00-910-801).
- F. Connect the hydraulic GPU (TASK 29-00-00-860-801).
- G. Energize the aircraft systems (TASK 24-00-00-860-801).
- H. Pressurize hydraulic systems 1 and 2 (TASK 29-00-00-860-801).
- I. Fully extend the slats and flaps in normal mode (TASK 27-50-00-860-802).
- J. Inhibit slat and flap deflection (TASK 27-50-00-860-802 - "Operation on Slats or Flaps Extended").
- K. Extend all the airbrakes (TASK 27-60-00-860-801).
- L. Inhibit airbrake retraction (TASK 27-60-00-860-801 - "Operation with Airbrakes Extended").
- M. Release the pressure in hydraulic systems 1 and 2 (TASK 29-00-00-860-801).
- N. De-energize the aircraft systems (TASK 24-00-00-860-801).
- O. Manually open the Main Landing Gear (MLG) doors (731AB) and (741AB) (TASK 32-10-00-860-801).

4. INSPECTIONS/CHECKS

Refer to fig. 1 , fig. 2 , fig. 3 , fig. 4 , fig. 5 , fig. 6 , fig. 7 , fig. 8 , fig. 9 , fig. 10 , fig. 11 , fig. 12 , fig. 13 , fig. 14 and fig. 15

- A. Wing structure