



A Mahindra Aerospace Company
Model GA8

* 01-07-2025
Chapter 5
MAINTENANCE SCHEDULES
H0835 # 11782.1

GA8 100 HOURLY/ANNUAL MAINTENANCE SCHEDULES

CATEGORY – AIRFRAME

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Aircraft Reg: NL691AV Job/No. GA8-06-106

50 Hours 100 Hours
or annual

COMPLETE AIRCRAFT

- Remove or open all necessary inspection plates, access doors, fairing and cowling.
- Thoroughly clean the aircraft and aircraft engine.

REQUIRED PLACARDS

- External and Internal

NOTE:

Reference should be made to Chapter 11 of this Service Manual, the applicable Flight Manual and airworthiness directives or local operating regulations for required placards.

WINGS – INSPECT

- Skins for evidence of wrinkles, buckles, sheared or loose rivets, corrosion and general damage.
- Internally through normal inspection panels for corrosion, disbonds, distortion and damage to spars and internal structures.
- Lift struts.
- Flight control surfaces, flaps, mass balances, hinges and hinge brackets. Check freeplay per **27-10-70**.
- Wing to fuselage attachments and surrounding structure for damage, distortion, corrosion, GRP fairing disbonds, cracks and loose or sheared rivets and bolts.
- Lubricate all flight control system pivot points and hinges as per **12-20-30**.

EMPENNAGE – INSPECT

- Skins for evidence of wrinkles, buckles, sheared or loose rivets, corrosion and general damage.
- Internally through normal inspection panels for corrosion, disbonds, distortion and damage to spars and internal structures.
- Horizontal stabiliser and fin.
- Flight control surfaces, mass balances, hinges and hinge brackets. Check freeplay per **27-20-50** and **27-30-09**.
- Empennage to fuselage attachments and surrounding structure for damage, distortion, corrosion, GRP fairing disbonds, cracks and loose or sheared rivets and bolts.

NOTE:

Horizontal stabiliser SB-GA8-2002-02 at latest issue. External and internal inspections are to be carried out at each 100h/annual inspection.

- Lubricate all flight control system pivot points and hinges as per **12-20-30**.

mechanisms.

- Cabin fire extinguisher for correct charge, legibility of operating instructions and condition of locking pin or seal; ensure that extinguisher has not reached expiry date. See section **26-00-20**
- Fresh air system ducting and outlets, airflow control valves.
- Emergency and flotation equipment (if carried), ensure that equipment has not reached expiry date.
- Lubricate as per **12-20-30**.

LANDING GEAR - INSPECT

- Jack aircraft so that landing gear is clear of the ground.
- Landing gear attachment to airframe structural members.
- Nose wheel for security and condition.
- Main and nose wheel tyres.
- Inspect wheel bearings for condition, clean & relubricate as required, reinstall and adjust pre-load. See section **32-40-00** and **sub-sections thereof**.
- Brake pads and discs.
- Brake lines and flexible hoses.
- Lubricate as per **12-20-30**.