

WINGS - FLAP HINGE ARM ATTACHMENT - INSPECTION

1. PLANNING INFORMATION

A. Effectivity

- (1) Aircraft affected
All Nomad N22 and N24 series aircraft.

B. Reason

- (1) Several aircraft have been found with working rivets attaching the flap hinge arm, lower attach bracket to the underside of the wing.
- (2) Reason for Revision 1.
Primarily revised to address paperwork anomalies only.
Requirements have not been changed other than to add a landings limit to initial inspection compliance.

C. Description

The flap hinge arm, lower attachment bracket and attaching rivets are inspected for evidence of movement and/or fretting. A repair is available on request, from ASTA Defence Nomad Technical Support.

D. Compliance

- (1) Incorporation of this Service Bulletin is MANDATORY.
- (2) INITIAL INSPECTION
 - (a) For aircraft NOT exceeding 1000 hours TTIS or 2000 total landings, inspect at or before 1000 hours TTIS or 2000 total landings, whichever occurs first.
 - (b) For aircraft exceeding 1000 hours TTIS or 2000 total landings, inspect within 100 hours TIS or 200 landings, whichever occurs first, of receipt of Revision 1 of this Service Bulletin.

NOTE

Only required if the original issue of this Service Bulletin has not been complied with.

- (3) ONGOING INSPECTIONS - All aircraft

Repeat inspection at intervals of 1000 hours TIS or 2000 landings, whichever occurs first, from incorporation of initial inspection.

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E. **Approval**

This Service Bulletin is approved pursuant to Civil Aviation Regulation 35 and conforms to Type Certification Requirements.

F. **Manpower**

Two manhours.

G. **Materials , Price and Availability**

Not required.

H. **Tooling , Price and Availability**

None required.

I. **Weight and Balance**

None.

J. **References**

IPC - Illustrated Parts Catalogue Chap 57-30-01 Figure 1.

K. **Publications Affected**

Structural Repair Manual
Inspection Requirements Manual

2. **ACCOMPLISHMENT INSTRUCTIONS**

- (1) Refer to IPC Chap 57-30-01 and remove the flap hinge arm fairings at WSta 28.55 and WSta 115.40 (LH & RH). Clean area as required.
- (2) While carefully examining the hinge arm lower attach bracket on the lower wing surface, apply load by hand to the hinge arm in a spanwise direction. Check for relative movement between the hinge arm attach bracket, the lower wing surface and the attaching rivets (6 of).
- (3) Any relative movement between the hinge arm attach bracket and the lower wing surface, or any evidence of working fasteners, will require repair.

NOTE

If repair is required, contact ASTA Defence Nomad Technical Support:

Telephone: +61 3 5282 1 447

Fax: +61 3 5227 9209

giving details as follows:

Aircraft serial number
Aircraft time in service
Aircraft flight cycles
Location of defect

(4) Refit the flap hinge arm fairings.

■ (5) Advise ASTA Defence Nomad Technical Support of all inspection results.

3. **MATERIAL INFORMATION**

None required for inspection.

4. **RECORDING ACTION**

■ Record compliance with Service Bulletin NMD-57-8 Rev 1 in Airframe Log Book at time of each inspection.