

Nomad

SERVICE BULLETIN

HORIZONTAL STABILISER TRIM TAB CONTROL RODS IMPROVED RANGE OF ADJUSTMENT

1. PLANNING INFORMATION

A. Effectivity

(1) Aircraft Affected

All N22 Series and N24 Series aircraft.

(2) Spares Affected

Nomenclature	Part Number	Recommended Disposition
Rod Assy, Actuating	1/N-30-184	Rework as per Para 2.

B. Reason

Under certain conditions of tolerance stack-up, the horizontal stabiliser trim tab control rods may not have sufficient range of adjustment to allow the Post Mod N211 rigging dimensions to be achieved.

C. Description

The male threaded end of the control rod is shortened to change the range of adjustment available on the rod.

D. Compliance

Compliance with this Service Bulletin is recommended if the range of adjustment available on the control rod is insufficient to achieve the correct rigging dimension for the horizontal stabiliser trim tabs.

E. Approval

The rework detailed herein has been approved pursuant to Air Navigation Regulation 40 and conforms with the type certification requirements.

F. Manpower

Two manhours.

G. Materials – Price and Availability

Not applicable.

H. Tooling – Price and Availability

Not applicable.

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I. **Weight and Balance**

Negligible effect.

J. **References**

Maintenance Manual

Illustrated Parts Catalogue

K. **Publications Affected**

None affected.

2. **ACCOMPLISHMENT INSTRUCTIONS**

- A. Remove the horizontal stabiliser trim tab control rods from the aircraft (Ref MM Chap 27-42-05 Maintenance Practices Para M.
- B. Ref IPC Chap 27-40-01 Page 0 Figure 2 Sheet 1 – slacken the locknut (item 10) from the adjustable rod end (item 9) and remove both items from the control rod threaded end-fitting (item 12).
- C. Carefully rework the control rod(s) threaded end fitting (item 12) as shown on Figure 1, taking care not to damage the rod or the threads.
- D. Following the rework, inspect the rod(s) for damaged threads, damage to the tube or loose taper pins. If satisfactory, touch up the reworked end of the end-fitting with suitable primer to prevent corrosion.
- E. Reassemble the control rod(s) and amend the rod part number by adding NMD-27-35 (in ink) after rod part number ie 1/N-30-184/NMD-27-35.
- F. Refit the control rod(s) to the horizontal stabiliser (Ref MM Chap 27-41-04 Para 1B) and rig the horizontal stabiliser trim controls (Ref MM Maintenance Practices Chap 27-41-00).

3. **MATERIALS INFORMATION**

A. **Parts Required per Aircraft**

Nil.

B. **Parts Modified and Re-identified by Operator**

Old PN	Title	PN after Rework
1/N-30-184	Rod Assy, Actuating	Add S/B Number NMD-27-35 (in ink) adjacent to component assy PN ie. 1/N-30-184/NMD-27-35

4. **RECORDING ACTION**

Record compliance with Service Bulletin NMD-27-35 in the airframe log book.

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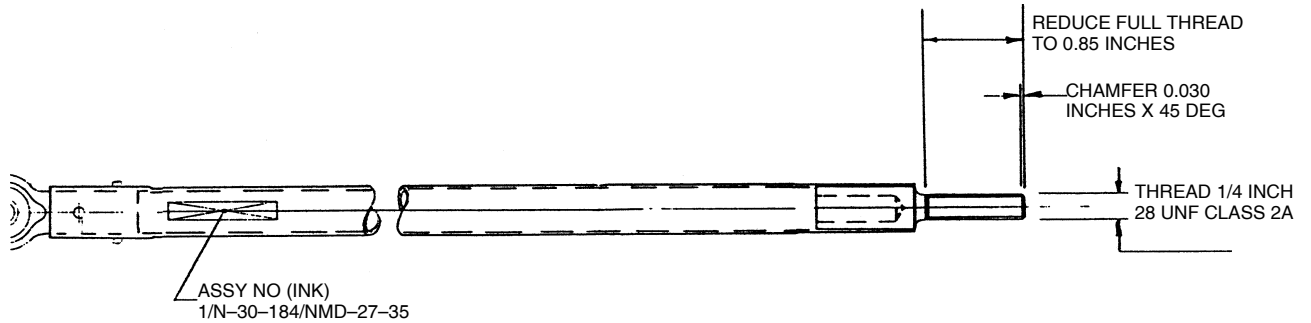


Figure 1 Rework of Horizontal Stabiliser Trim Tab Control Rods