

# ***Nomad*** **SERVICE BULLETIN**

Reference No 233

**TRANSMITTAL LETTER  
FOR  
SERVICE BULLETIN NMD-55-29**

**STABILISERS — HORIZONTAL STABILISER — PIVOT BRACKET BUSH REWORK**

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**Reason**

1. The pivot bolt PN 2/N-00-44 has a machined radius between the bolt shank and the bolt head, which may interfere with pivot bracket PN 1/N-30-127.

**Instructions**

2. Insert the attached Service Bulletin NMD-55-29, dated 14 Jun 91 into the Service Bulletin binder. Annotate the Service Bulletin Index accordingly.
3. Remove the Service Bulletin Index dated 28 Nov 90 and insert the attached Service Bulletin Index dated 14 Jun 91.

**Revision Status**

Original                      14 Jun 91

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## SERVICE BULLETIN

### STABILISERS — HORIZONTAL STABILISER — PIVOT BRACKET BUSH REWORK

#### 1. PLANNING INFORMATION

##### A. Effectivity

All Nomad N22 Series and N24 Series aircraft whose log books do not already record the embodiment of Mod N663.

##### B. Reason

The Pivot Bolt PN 2/N-00-44 has a machined radius between the bolt shank and the bolt head which may interfere with Pivot Bracket PN 1/N-30-127.

##### C. Description

- (1) The internal faces of Pivot Bracket Bush PN 1/N-30-128 are to be inspected and, if necessary, pressed flush with the lugs of Pivot Bracket PN 1/N-30-127.
- (2) The external faces of Bush PN 1/N-30-128 are to be chamfered to allow the bolt head to seat properly.

##### D. Compliance

This Service Bulletin is to be carried out as follows:

- (1) when the horizontal stabiliser is next removed,
- (2) when new bushes are fitted to the horizontal stabiliser, and
- (3) to spare horizontal stabilisers and pivot brackets before installation on aircraft.

##### E. Approval

The rework detailed in this Service Bulletin has been approved pursuant to CAR 35 and conforms to type certification requirements.

##### F. Manpower

One manhour.

##### G. Material — Price and Availability

None required.

##### H. Tooling — Price and Availability

None required.

##### I. Weight and Balance

None.

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### **J. References**

None.

### **K. Publications Affected**

Maintenance Manual

## **2. ACCOMPLISHMENT INSTRUCTIONS**

A. Inspect Bushes PN 1/N-30-128 to determine whether the internal faces are flush with the internal faces of Pivot Bracket PN 1/N-30-127 (Ref Fig 1). If bushes are flush, proceed to step B. If not, proceed as follows:

- (1) Assemble Pivot Bolt PN 2/N-00-44, a sleeve of suitable length and diameter slightly less than that of the bush and a large flat washer to the pivot bracket as shown in Figure 2.
- (2) Slowly tighten nut until the internal faces of the bush and lug are flush.
- (3) Repeat for remaining bushes as required.

B. Use a 90° angle countersink tool or countersink mini-grinder in a suitable hand tool to remove up to 0.030/0.035 in of material in accordance with Figure 1.

C. Coat the worked area using CAD brush plating or pigmented varnish to prevent corrosion.

D. Identify the reworked bush by applying a small dot of red lacquer on external faces of bush.

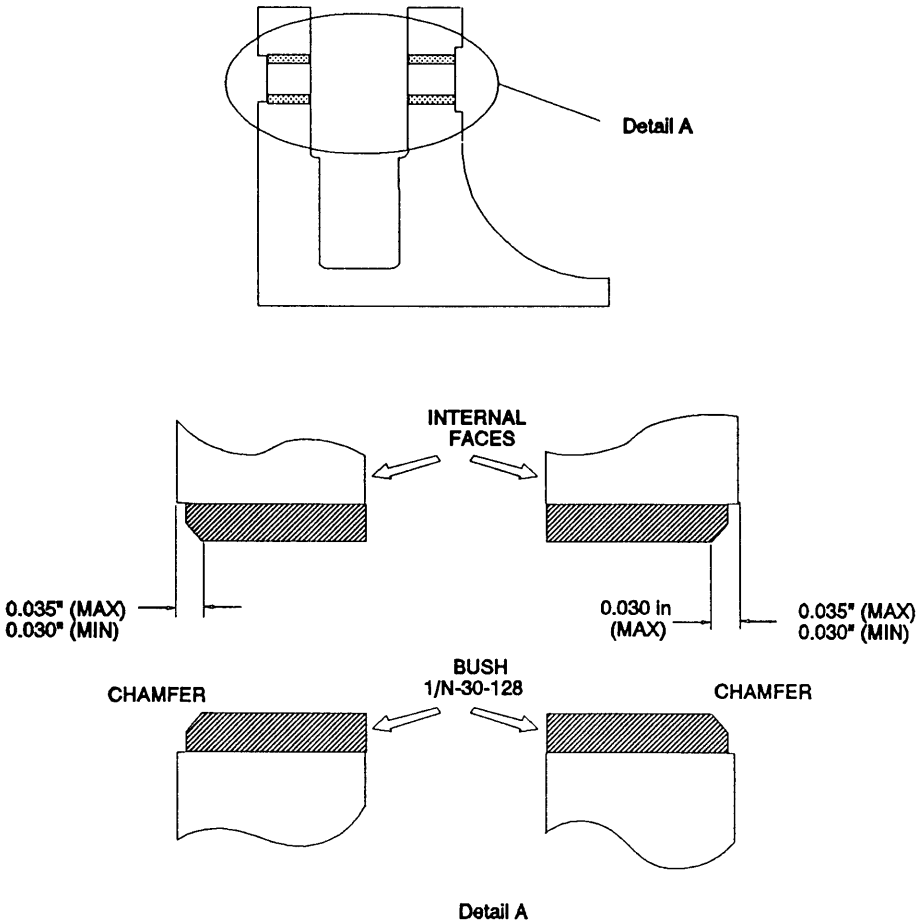
## **3. MATERIALS INFORMATION**

None Required.

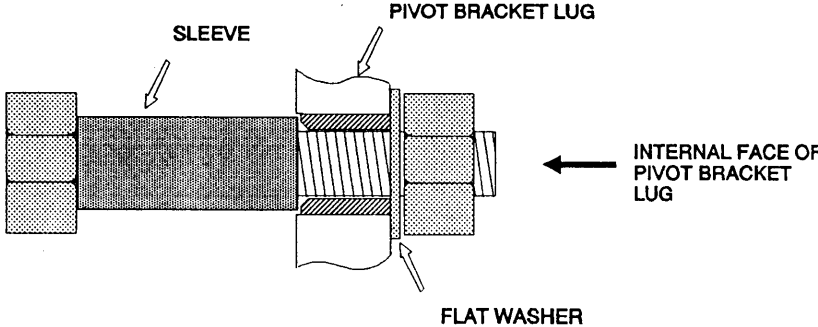
## **4. RECORDING ACTION**

Record compliance with Service Bulletin NMD-55-29 in the Airframe Log Book. Ensure horizontal stabiliser serial number is also recorded.

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**Figure 1 Horizontal Stabiliser Attachment Brackets - Modification to Bushes**



**Figure 2 Method For Pressing Bushes Flush With Pivot Bracket**