



SERVICE BULLETIN

SUBJECT: ADDITIONAL CLEARANCE FOR ENGINE
EXHAUST STACKS

1. Planning Information

A. Effectivity

(1) Aircraft Affected

All Nomad N22-Series and N24-Series aircraft whose log books do not already record compliance with Service Bulletin NMD-54-3.

(2) Spares Affected

None.

B. Reason

Contact may occur between engine exhaust stack weld flanges and the lower sills of the nacelle side plates resulting in damage to the horizontal flange of the sills.

C. Description

Additional clearance is gained by relieving the lower sills in the area where contact may occur between the exhaust stacks and the lower sills. The approximate location of damage is 7.75 inches aft of the rear face of the nacelle lower yoke.

D. Compliance

It is recommended that operators comply with the requirements of this service bulletin at their earliest convenience, particularly if evidence of damage is apparent; but no later than 31st December, 1982.

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. Material - Price and Availability

None required.

H. Tooling - Price and Availability

None required.

J. Weight and Balance

Negligible effect.

K. References

M.M. - Maintenance Manual
S.R.M. - Structural Repair Manual

L. Publications Affected

None.

2. Accomplishment Instructions

- A. Open the LH and RH nacelle lower cowl (Refer M.M. 71-10-00).
- B. Inspect the lower sills of each nacelle. If the lower sills have been relieved as shown in Figure 1, no more action is required and the lower cowls may be closed.
- C. If the lower sills have not been relieved, rework the horizontal flange of the lower sills as shown in Figure 1, easing all sharp angles.
- D. Repair the surface finish of the reworked areas (Ref SRM 51-30-00).
- E. Close the LH and RH nacelles lower cowls (Ref MM 71-10-00).

3. Materials Information

- A. The following items are required to restore the finish of the reworked engine nacelle lower sills.

| <u>Item P/N</u> | <u>Title</u> | <u>Qty</u> |
|-----------------|---------------------------------|------------|
| - | Alodine 1200S | A/R |
| - | Primer, epoxy zinc chromate | A/R |
| - | Paint, gloss white polyurethane | A/R |

B. Parts Modified and Re-identified by the Operator

None.

C. Parts Required to Modify Spares

None.

D. Removed Parts

None.

E. Special Tools and Equipment

None.

4. Recording Action

Record compliance with Service Bulletin NMD-54-3 in the airframe log book.

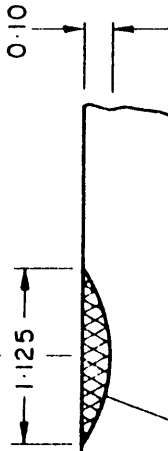
STA
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NOTE: ALL DIMENSIONS IN INCHES.

NACELLE LOWER YOKE
P/N IBA/N-50-303

6.94 APPROX

STA
157.74



REMOVE METAL FROM SHADED AREA.
EASE ALL SHARP EDGES IN REWORK AREA.

NACELLE LH LOWER SILL
P/N IBR/N-50-303
(RH LOWER SILL
P/N IBS/N-50-303)

Plan View of Rework to Nacelle LH Lower Sill (RH Lower Sill Similar)

Figure 1