



SERVICE BULLETIN

SUBJECT: NOISE SUPPRESSION IN HF RADIO EQUIPMENT GENERATED BY STROBE LIGHT.

1. Planning Information

A. Effectivity

(1) Aircraft Affected:

All Nomad Aircraft. Pre-Mod N268.

(2) Spares Affected:

Nil.

B. Reason

This modification was introduced to suppress radiation of interference of radio communication equipment especially on the HF installation.

C. Description

An earth connection is made at the strobe beacon on the rudder.

D. Compliance

The incorporation of this instruction is at the discretion of operators but is highly recommended to operators of all aircraft with or without customer option G69 fitted.

E. Approval

The rework described herein has been approved by the D.O.T. Designated Engineering Representative at G.A.F.

F. Manpower

$\frac{1}{2}$ manhour.

G. Material Price and Availability

Local sources.

H. Tooling Price and Availability

Nil.

I. Weight and Balance

Negligible.

J. References

I.P.C., Chapter 33-40-00 and MM 33-40-00

K. Publications Affected

I.P.C., Chapter 33
Wiring Manual.

2. Accomplishment Instructions:

Warning: Ensure all electrical power is off and that the battery is disconnected. Electrically ground the aircraft.

- (1) Remove strobe light beacon from rudder tip.
- (2) Ref. Fig. 1 of this instruction and manufacture 5" earth link cable from cable M81044-9-18-9, attach terminal lug MS25036-102 to each end. Identify link 1A/N-81-673.
- (3) Drill rudder structure rib in location as shown, for the earth connection.
- (4) Fit manufactured link 1A/N-81-673 between T.B. 18 terminal 2 and drilled hole in rib. Make earth connection as detailed in M.M. 20-20-00 Fig. 3 and 7 using earth bolt MS35206-229
nut MS21083
washer AN960-D6
washer MS35338-136
washer AN960-6

- (5) Refit and functionally check strobe light beacon.

3. Material Information:

A. Parts Required per Aircraft

The following parts are to be procured from local sources or operators stock:

<u>New Part No.</u>	<u>Qty.</u>	<u>Nomenclature</u>
M81044-9-18-9	5"	Cable
MS25036-102	2	Terminal Lugs
MS35206-229	1	Bolt
MS21083	1	Nut
AN960-D6	1	Washer
MS35338-136	1	Washer
AN960-6	1	Washer

B. Parts Required to Modify Spares

Nil.

C. Parts Removed

Nil.

D. Special Tools and Equipment

Nil.

Recording Action

Compliance with this instruction incorporates the intent of Nomad Mod. N268 which is to be recorded in the airframe log book.

PREPARED BY:

GOVERNMENT AIRCRAFT FACTORIES
POST DESIGN SECTION

APPROVED BY:

28th August, 1978

S/B No. NMD-33-1
Page 3 of 4

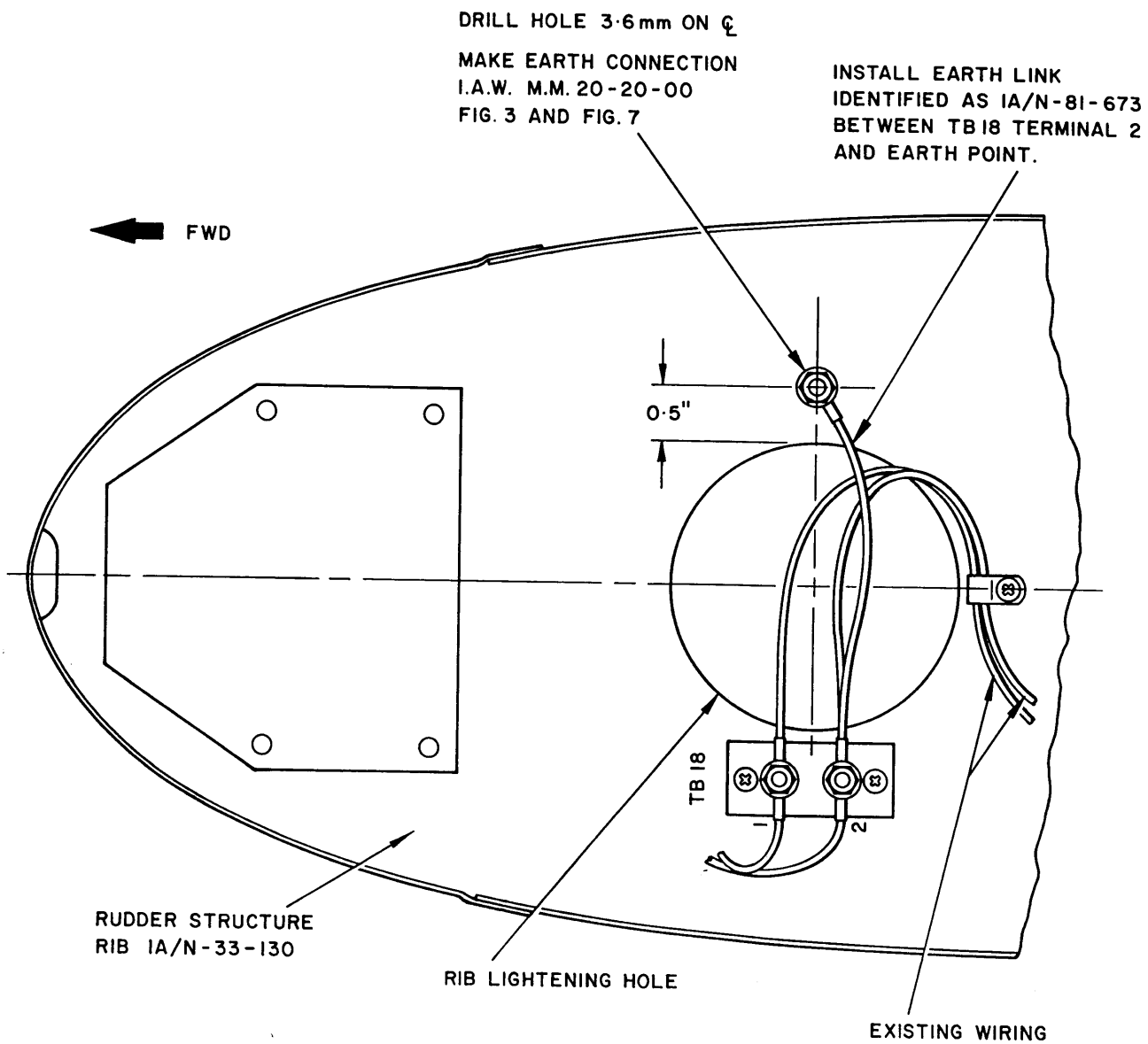


FIG. 1