

Nomad

ALERT SERVICE BULLETIN

FLIGHT CONTROLS – FLAP MICROSWITCH COVER ASSEMBLY (MOD N608)

1. PLANNING INFORMATION

A. Effectivity

All Nomad N22 Series and N24 Series aircraft whose Log Books record the incorporation of Mod N46 but not the embodiment of Mod N608 or compliance with Service Bulletin ANMD-27-40 at any Revision level.

B. Reason

To prevent the ingress of moisture short circuiting the microswitch contacts. There has been an incident where an uncommanded flap retraction on take-off occurred.

C. Description

A plastic bag is made from local materials and fitted around the flap control microswitch installation. The bag is then sealed by wrapping tape around the bag and microswitch cover. Modification N46 must be incorporated prior to embodiment of this Service Bulletin.

D. Compliance

At or before the next 100 hourly inspection.

E. Approval

This modification is approved pursuant to CAR35 and conforms with type certification requirements.

F. Manpower

One manhour.

G. Material – Price and Availability

The materials required are to be obtained from Operator's stock.

H. Tooling – Price and Availability

None required.

I. Weight and Balance

Negligible effect.

J. References

Maintenance Manual Chap 27-50-00

Illustrated Parts Catalogue Chap 27-50-02

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K. Publications Affected

Maintenance Manual

Illustrated Parts Manual

Inspection Requirements Manual

2. ACCOMPLISHMENT INSTRUCTIONS

- A. Manufacture a plastic cover from clear polythene 0.010 in thick as shown in Figure 2.
- B. Lower the flaps (Ref MM Chap 27-50-00, Para 3).
- C. Remove the microswitch cover and check the installation for any signs of moisture. If any moisture is present, thoroughly dry the installation paying particular attention to the area around the microswitches and associated cables. Refit the cover.
- D. Fit the plastic cover and seal with polyester packaging tape 0.5 or 0.75 in wide in the areas shown in Figure 1.
- E. Raise the flaps, (Ref MM Chap 27-50-00).

3. MATERIAL INFORMATION

The following items represent one aircraft set of parts, to be obtained from the operator's stock or from local sources.

New Part No	Qty	Description	Instruction/Disposition
PN 1/N-20-890	1	Plastic cover for microswitch	Make from 0.010 in clear polyethylene
No 355	As Req'd	Polyester Packaging Tape 0.5 or 0.75 in wide 'SCOTCHPAR' (3M Australia Pty. Ltd. PN 2169D)	

4. RECORDING ACTION

Record compliances with Service Bulletin ANMD-27-40 in Airframe Log Book.

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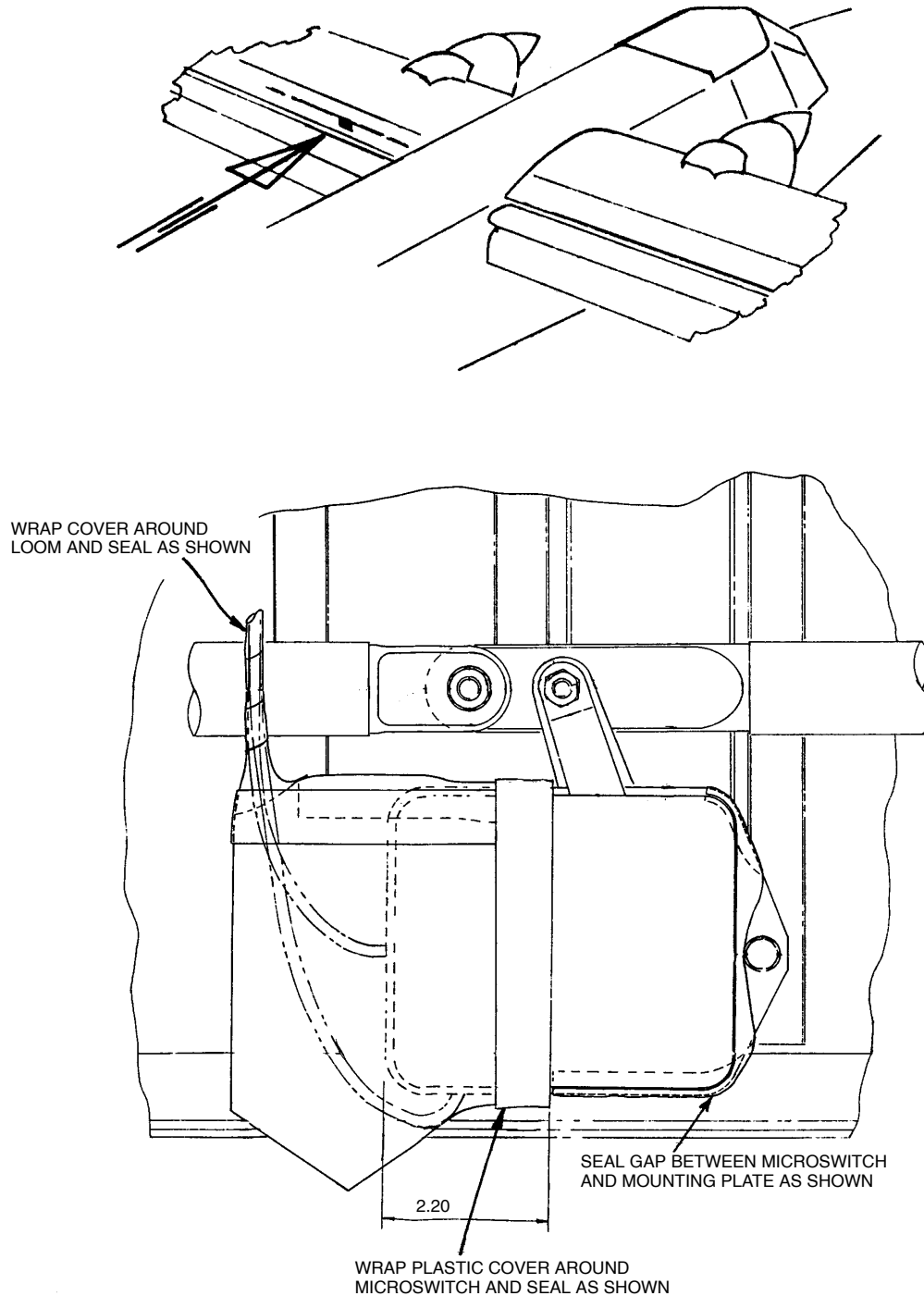


Figure 1 Microswitch Cover Installation

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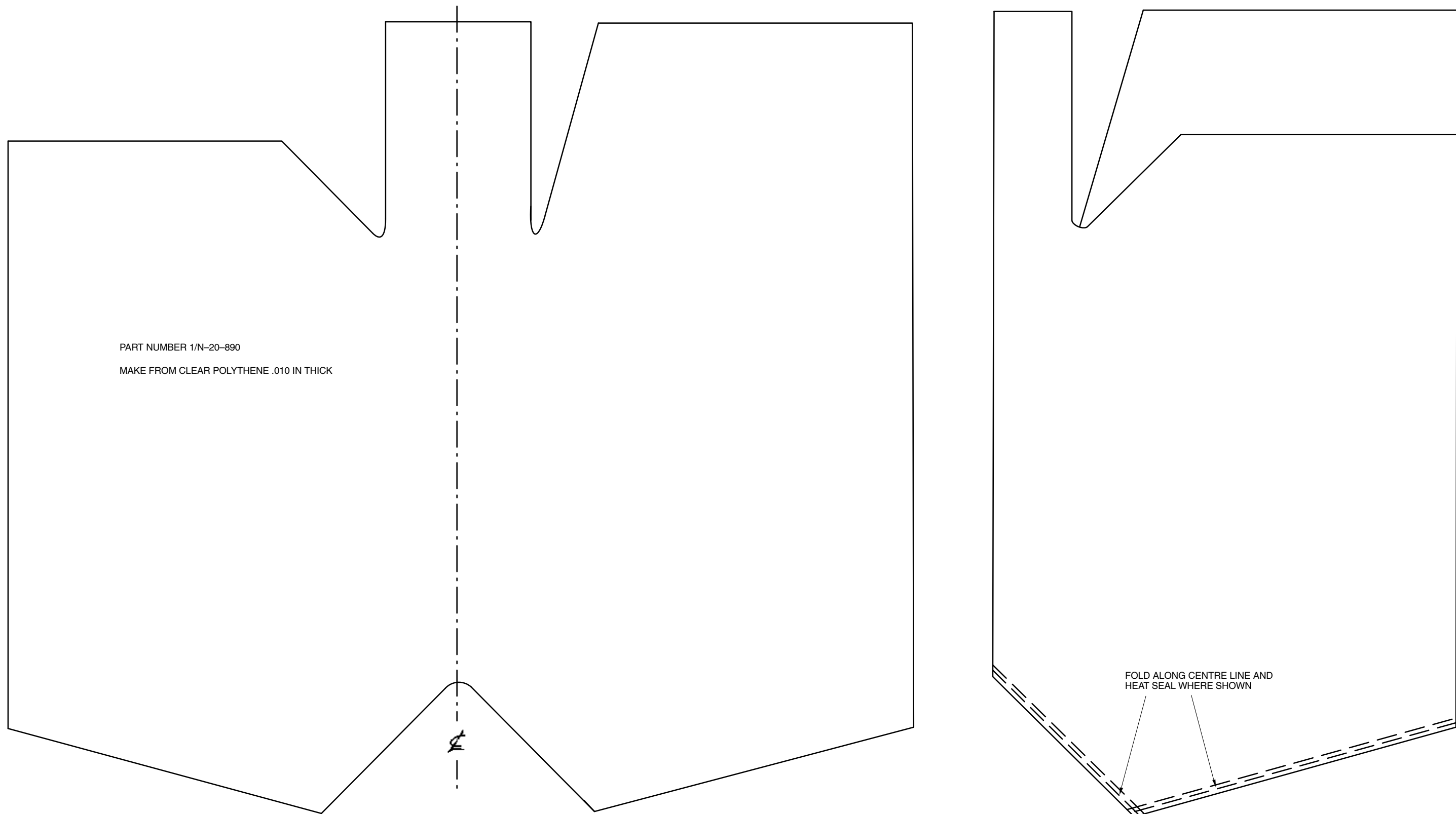


Figure 2 Pattern for Making Microswitch Cover

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