



Nomad SERVICE BULLETIN

Reference No. 187

TRANSMITTAL SHEET FOR NOMAD SERVICE BULLETIN

SERVICE BULLETIN NO.: NMD-53-8

DATED: 25th October, 1989

TITLE: Fuselage, Enlarged Access Panel for Oleo Charging Valve in Pods
(Mod N547).

REVISION NO.

DATED:

ACTION: Insert Service Bulletin NMD-53-8 into Service Bulletin
Publication and annotate index accordingly.

REASON: To provide improved access to the oleo charging valve and to the
main landing gear, through the top of the pod, to permit easier
removal of the main landing gear.

REMARKS:

25th October, 1989

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FUSELAGE - ENLARGED ACCESS PANEL
FOR OLEO CHARGING VALVE IN PODS
(MODIFICATION N547)

1. PLANNING INFORMATION

A. Effectivity

All Nomad N22 Series and N24 Series aircraft whose log books do not record the embodiment of Mod N547 or compliance with Service Bulletin NMD-53-8.

NOTE: Aircraft Serial No N22S-159 to N22S-165 inclusive have this modification incorporated as basic.

B. Reason

To provide improved access to the oleo charging valve and to the main landing gear, through the top of the pod, to allow easier removal of the main landing gear.

C. Description

The existing access cover on the top rear of the pod is replaced by a larger cover.

D. Compliance

Recommended

E. Approval

The modification detailed herein has been approved pursuant to CAR 35 and conforms with type certification requirements.

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F. Manpower per aircraft

Five manhours.

G. Material - Price and Availability

Ex operator's stock.

H. Tooling

Nil required.

J. Weight and Balance

None

K. References

MM - Maintenance Manual 6-00-00.
IPC - Illustrated Parts Catalogue 53-16-01.

L. Publications Affected

Maintenance Manual
Illustrated Parts Catalogue

2. ACCOMPLISHMENT INSTRUCTIONS

- A. Remove existing access cover P/N 1/N-11-715 and drill out the re-inforcing ring P/N 1C/N-11-641. Carefully drill out rivets holding 'Camloc' receptacles. Repeat operation on opposite pod.
- B. Referring to Figures 2 and 3, make up two re-inforcing rings and cover plates from aluminium alloy .020 thick to Spec QQ-A-250/5-T3. Alodine and prime re-inforcing ring and cover. Rivet 'Camloc' receptacles P/N 212-12ND to re-inforcing ring using MS20426AD3-4 rivets (removed receptacles may be used if serviceable). Mark part numbers on re-inforcing rings, 1A/N-03-716 and covers, 1B/N-03-716.
- C. Mark out area on pod skin to be removed, refer to Figure 1. Protect equipment inside pod from swarf and cut out area marked on pod skin. Alodine and epoxy prime any bare metal. Repeat operation on opposite pod.



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- D. Position the re-inforcing ring and, using the re-inforcing ring as a template, drill out the holes for the rivets. Deburr holes and rivet re-inforcing ring in position using ten MS20470AD3-3 rivets. Repeat operation on opposite pod.
- E. Fit the cover plates and secure in position with 'Camloc' 2600-1 studs. Paint covers to match aircraft colour scheme.

3. MATERIALS INFORMATION

- A. Items required for aircraft from operator's stock

<u>New P/N</u>	<u>Qty</u>	<u>Title</u>	<u>Old P/N</u>	<u>Disposition</u>
1B/N-03-716	2	Cover Assy	1/N-11-715	Scrap.Note 1
1A/N-03-716	2	Reinforcing ring	1C/N-11-641	Scrap.Note 1
212-12ND	4	Camloc receptacle	212-12ND	Reuse if serviceable
2600-1	4	Camloc stud	--	
MS20426AD3-4	8	Rivet	--	
MS20470A3-3	20	Rivet	--	

Note: 1. Make new parts using .020", 2020-T3 Alclad QQ-A-250/5.

4. SPECIAL TOOLS AND EQUIPMENT

None.

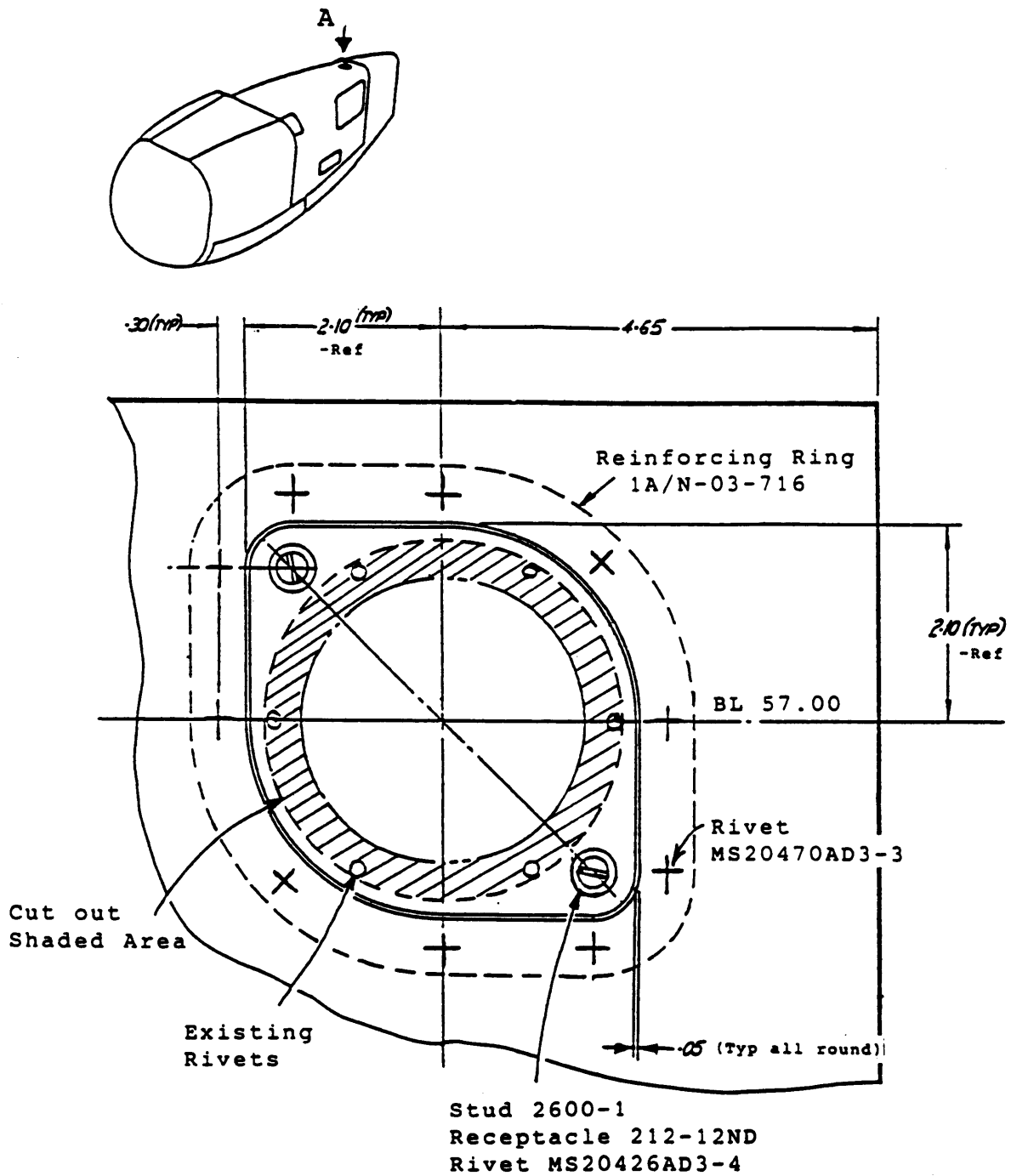
5. RECORDING ACTION

Record compliance with Service Bulletin NMD-53-8 in Airframe Log Book.



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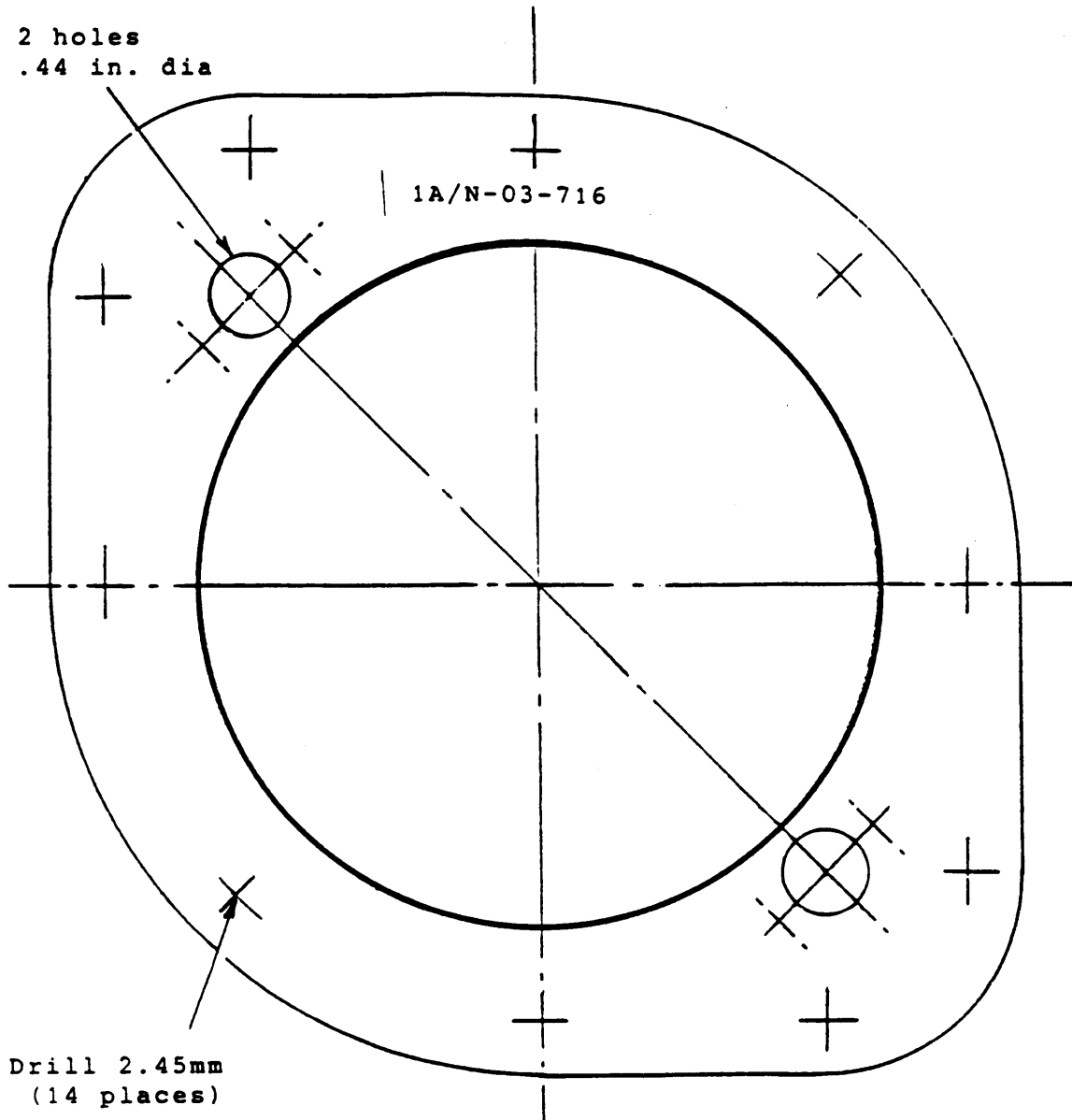


Installation of Cover Assembly
Figure 1



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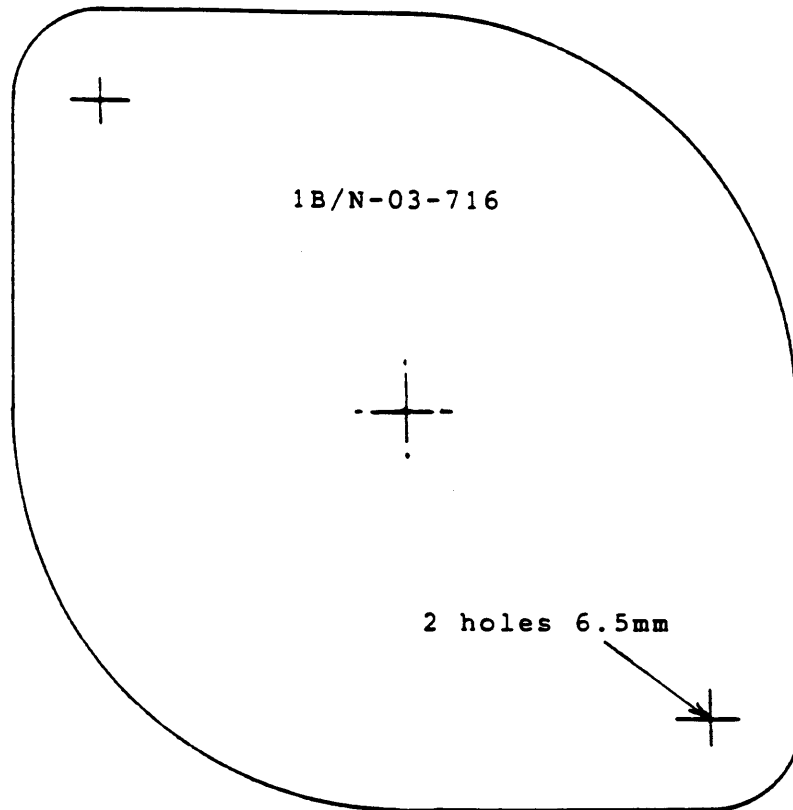
Refer to dimensions
shown on Figure 1

Material - .020", 2020-T3 Alclad QQ-A-250/5

Template for Reinforcing Ring
Figure 2



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Refer to dimensions
shown on Figure 1

Material - .020", 2020-T3 Alclad QQ-A-250/5

Template for Cover
Figure 3