

Nomad

SERVICE BULLETIN

Reference No. 192

TRANSMITTAL SHEET FOR NOMAD SERVICE BULLETIN

SERVICE BULLETIN NO: NMD-79-6

DATED: 22nd January, 1990

TITLE: Oil - Revision of Oil Temperature Limits (Modification N640)

REVISION NO:

DATE:

ACTION: Insert Service Bulletin NMD-79-6 into Service Bulletin publication and annotate index accordingly.

REASON: To make oil temperature indicator markings comply with the actual engine limits which have been updated subsequent to original certification.

REMARKS:

22nd January 1990

AEROSPACE TECHNOLOGIES OF AUSTRALIA
A.C.N. 008 622 008
A BOEING AUSTRALIA COMPANY

NMD-79-6

LOT Page 1 of 1

Nomad

SERVICE BULLETIN

OIL - REVISION OF OIL TEMPERATURE LIMITS (MODIFICATION N 640)

1. Planning Information

A. Effectivity:

(1) Aircraft Affected

All Nomad N22-Series and N24-Series Aircraft whose log books do not already record the incorporation of Mod N640, Mod N690A, or compliance with Service Bulletin NMD-79-6.

(2) Spares Affected

<u>Part Number</u>	<u>Title</u>	<u>Recomended Disposition</u>
1/N-80-88	Indicator- Oil Temperature	Rework

B. Reason

To make oil temperature indicator markings comply with the actual engine limits which have been uprated subsequent to original certification.

C. Description

Engine oil temperature indicators P/N 1/N-80-88 are to be reworked to delete the existing red radial at 82 deg, add a yellow band between 82 deg and 107 deg and add a red radial at 107 deg.

D. Compliance

Engine oil temperature indicators are to be reworked at the next repair or overhaul.

E. Approval

The rework detailed herein has been approved pursuant to CAR 35 and conforms with the type certificate requirements.

F. Manpower

Replacement of Oil Temperature Indicators - 1 Manhour.

Page No	1	2	3
Rev No	-	-	-

Nomad

SERVICE BULLETIN

G. Material, Price and Availability

If replacement of the item is desired, contact ASTA for prices and availability.

H. Tooling, Price and Availability

None required.

J. Weight and Balance

None

K. References

MM - Maintenance Manual Chapter 79-30-00
IPC - Illustrated Parts Catalogue

L. Publications Affected

Maintenance Manual
Illustrated Parts Catalogue
Wiring Diagram Manual
Flight Manual (has been amended)

2. Accomplishment Instructions

- A. Remove the two oil temperature indicators P/N 1/N-80-88 from the engine instrument panel (Ref MM 79-30-00).
- B. Install the replacement oil temperature indicators P/N 2/N-80-88 or the reworked oil temperature indicators P/N 2/N-80-88/NMD-79-6 into the engine instrument panel (Ref MM 79-30-00)
- C. The oil temperature indicators removed at step (A) and spare oil temperature indicators P/N 1/N-80-88 are to be reworked as follows in an approved instrument workshop (Ref Fig 1):
 - (1) Gain access to the dial (Ref Manufacturer's data).
 - (2) Obliterate the existing red radial mark at 82 deg C position by painting over with instrument matt black paint or suitable equivalent. If necessary, restore full coverage of existing green band to 82 deg C using green fluorescent paint to Federal Standard 595 Colour No. 38901.
 - (3) Paint in a yellow band from 82 deg C to 107 deg C using fluorescent yellow to Federal Standard 595 Colour No. 38907.

Nomad SERVICE BULLETIN

- (4) Paint new red radial mark at 107 deg C position using fluorescent red to Federal Standard 595 Colour No. 38903.

Note Paints used need not be precisely those defined but should closely approximate the colours quoted, be fluorescent and easily visible.

- (5) Re-assemble the indicator (Ref Manufacturer's data).
- (6) Test the indicator as per Manufacturer's test data.
- (7) After satisfactory test has been completed, re-identify the indicator on the outside of the indicator case with part number 2/N-80-88/NMD-79-6.
- (8) Prepare spare indicators for storage and return to stores.

3. Material Information

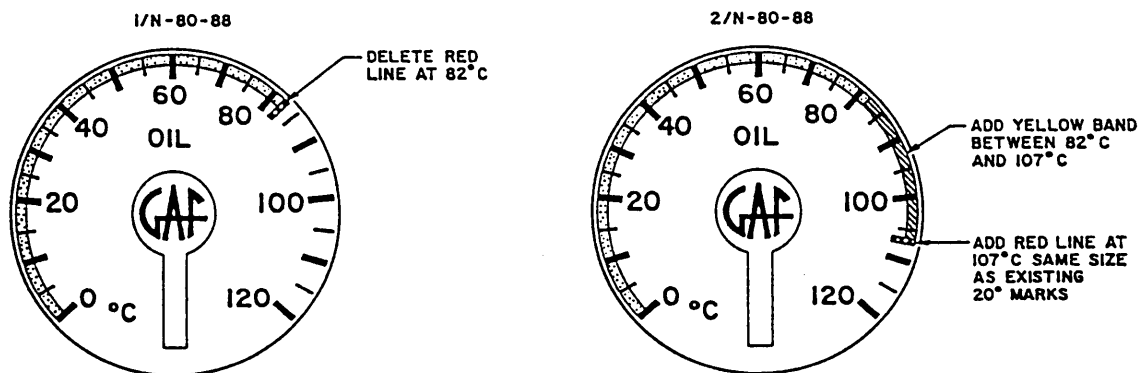
A. Material required per aircraft

<u>New</u> <u>P/N</u>	<u>Qty</u>	<u>Title</u>	<u>Old</u> <u>P/N</u>	<u>Instructions/</u> <u>Disposition</u>
2/N-80-88	2	Oil Temperature Indicator	1/N-80-88	Rework to Figure 1

4. Recording Action

Record compliance with Service Bulletin NMD-79-6 in the Airframe Log Book.

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Rework of Oil Temperature Indicator
Figure 1