

GOVERNMENT AIRCRAFT FACTORIES

Nomad

SERVICE BULLETIN

SUBJECT: REVISED AIRSPEED INDICATOR LIMIT MARKING (V_Y) FOR
N24A SERIES AIRCRAFT

1. Planning Information

A. Effectivity

All Nomad N24A Series aircraft whose log books do not already record the embodiment of Mod N598 or compliance with Service Bulletin NMD-39-2.

Pre-certification implementation of the intent of this service bulletin is recorded in the airframe log book as Mod N598.

(1) Spares affected

<u>P/N</u>	<u>Description</u>
4/N-80-442	Airspeed Indicator (Ref Options G251D and G252D)
4A/N-80-442	Airspeed Indicator Dial

B. Reason

Results from a comprehensive performance audit on N24A aircraft have shown it necessary to reduce V_Y (best single engine rate of climb speed) from its existing value.

C. Description

The existing V_Y marking (indicated by the blue radial on the ASI dial) at 96 knots is to be deleted and a new marking made at 89 knots.

D. Compliance

Part 1 of the accomplishment instructions is to be carried out immediately on receipt of the relevant Flight Manual Amendment, G6 (12.58A F/M) or G8 (12.58F F/M).

Part 2 - incorporation of the new dial markings is to be carried out at the earliest opportunity but no later than 1st October 1984.

E. Approval

The rework detailed herein has been approved pursuant to Air Navigation Regulation 40 and conforms with the type certification requirements.

6th October, 1983

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F. Manpower

3 Manhours per ASI plus calibration and pitot static system leak tests.

G. Material - Price and Availability

Placards (Quantity 2 per A/C) P/N 1/N-00-913 will be supplied free of charge by GAF to each Nomad N24A operator with the issue of this Service Bulletin.

H. Tooling - Price and Availability

Nil

J. Weight and Balance

No change.

K. References

M.M. - Maintenance Manual.

L. Publications Affected

I.P.C. - Illustrated Parts Catalogue
I.P.C. Sections of Customer Option Supplements G251D and G252D.

2. Accomplishment Instructions

Part 1 Interim Markings

- A. Affix a placard with the caption, as shown in Figure 1, adjacent to the LH ASI in the location shown.
- B. When an optional ASI is fitted in the RH instrument panel affix a similar placard as in item A above.

Part 2 Rework of ASI Dials

- A. Remove the ASI(s) P/N 4/N-80-442 from the aircraft (Ref M.M. 34-11-00).
- B. Gain access to the ASI indicator dial, paint out the existing V_Y limit marking at 96 knots with suitable matt black paint and using blue paint to U.S. Federal Standard 595 Colour No.15180 or suitable equivalent, paint new V_Y limit radial marking at the 89 knot position.
- C. Reassemble the reworked ASI(s), delete original P/N 4/N-80-442 from outer casing and mark outer casing with new P/N 7/N-80-442.

- D. The dials of ASI(s) held as spares and spare dials P/N 4A/N-80-442 are to be reworked as in steps B and C then returned to stores. Reworked spare dials are to be re-part numbered 7A/N-80-442.
- E. Install the reworked ASI(s) in the aircraft and carry out calibration and leak tests (Ref MM 34-11-00).
- F. Check for satisfactory operation of ASI pillar lights.
- G. Remove placard(s) (Ref Part 1) if fitted.

3. Materials Information

Part 1 - Placard(s), (Label P/N 1/N-00-913) are supplied with this Service Bulletin to all N24A aircraft operators.

Part 2

A. Parts Required per Aircraft

Blue paint to U.S. Federal Standard 595 Colour No.15180 or suitable equivalent is to be obtained from operator's stock or local sources.

B. Parts Modified and Re-identified by Operator

<u>New Item P/N</u>	<u>Title</u>	<u>Old P/N</u>
7/N-80-442	Airspeed Indicator	4/N-80-442
7A/N-80-442	ASI Dial	4A/N-80-442

C. Parts Required to Modify Spares

Nil

D. Removed Parts

Nil

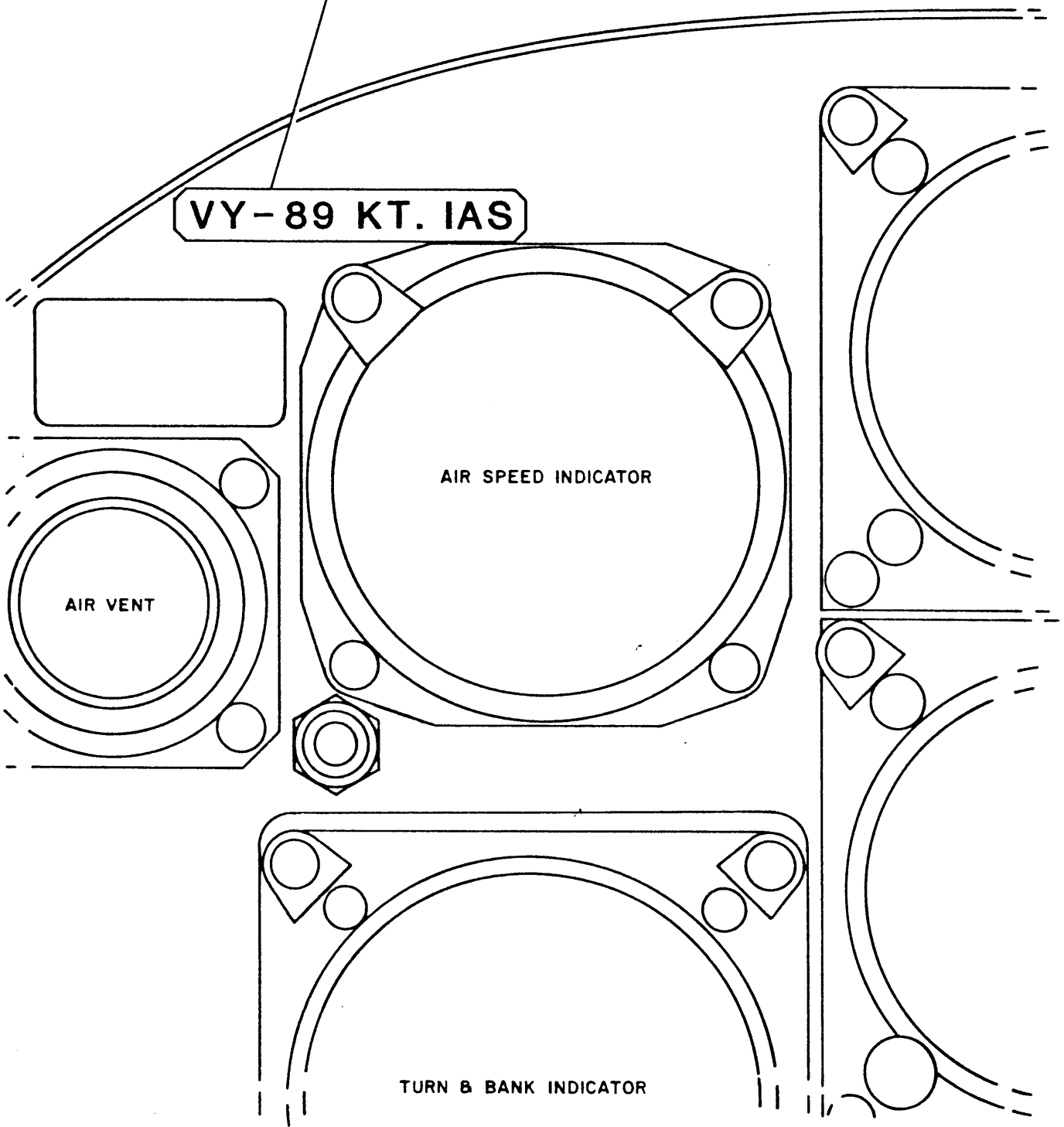
E. Special Tools and Equipment

Nil

4. Recording Action

Record compliance with Service Bulletin NMD-39-2 Part 1 and Part 2 (as applicable) in the airframe log book.

PLACARD (I/N-00-913)
ALTERNATIVE -
METAL LABEL OR EQUIVALENT
(SILVER OR WHITE LETTERS ON BLUE BACKGROUND)



**V_y Placard Affixed as Shown
(RH Similar)
Figure 1**