



SERVICE BULLETIN

SUBJECT: FUEL DISTRIBUTION CONTROL - REPLACEMENT OF CONTROL KNOB & SPUR GEAR

1. Planning Information:

A. Effectivity:

(1) Aircraft Affected

Nomad N22 and N22B aircraft

N22-2, N22-3M, N22-4, N22B-5M, N22B-6M, N22B-7, N22-8M,
N22-9M, N22B-11M, N22B-12M, N22B-13M, N22B-15M, N22B-16M,
N22-17M, N22B-18M, N22B-19M, N22B-20M, N22B-21M,
N22B-22M, N22B-23M, N22-24M, N22B-25, N22B-26, N22B-27,
N22B-28, N22B-31M, N22B-33, N22B-35, N22B-37, N22B-39,
N22B-50.

Affected aircraft other than those listed above will be modified prior to delivery or included in a subsequent revision of this Service Bulletin.

(2) Spares Affected

<u>Part Number</u>	<u>Nomenclature</u>	<u>Recommended Disposition</u>
1/N-80-154	Knob-Selector	Scrap
1/N-80-123	Spur Gear	Scrap

B. Reason

An instance has occurred in Services whereby the existing plastic fuel selector knob has rotated in the squared shaft of the Spur Gear.

C. Description

This Service Bulletin requires that the existing fuel selector knob and the spur gear be removed from the aircraft and replaced with new redesigned items.

D. Compliance

To be carried out at earliest opportunity.

E. Approval

The replacements described herein have been approved by the D.O.T. Designated Engineering Representative and Government Aircraft Factories.

F. Manpower

One man, approximately 2 hours.

G. Material - Price and Availability

The parts required per para 3A are to be procured through the operators local distributor. These parts are classified "no charge" and a "no charge" Purchase Order must be placed upon the distributor within 90 days to receive this offer.

Distributors are to place a "no charge" Purchase Order on G.A.F. through the normal procurement method. Purchase Orders are to quote the Service Bulletin Number.

Parts will become available on a progressive basis commencing the second week of August, 1977.

H. Tooling - Price & Availability

None

I. Weight & Balance

Not affected

J. References

Maintenance Manual chapter 28.20.00
I.P.C. chapter 28.20.01

K. Publications Affected

I.P.C., Maintenance Manual

2. A. Accomplishment Instructions

Remove Fuel Selector Knob and Pinion Gear from console as described in Maintenance Manual chapter 28-20-00, page 209 para L.

Fit replacement Fuel Selector Knob part number 1/N-80-432 and replacement Spur Gear part number 1/N-80-433 as described in Maintenance Manual chapter 28-20-00, page 211 para M.

B. Modification

This Service Bulletin incorporates the intent of Modification N151.

3. Material Information

A. Parts Required Per Aircraft

<u>New Part No.</u>	<u>Qty. Per A/C</u>	<u>Nomenclature</u>
1/N-80-432	1	Fuel Selector Knob
1/N-80-433	1	Spur Gear

B. Parts Required to Modify Spares

None.

C. Removed Parts

<u>Part No.</u>	<u>Nomenclature</u>	<u>Recommended Disposition</u>
1/N-80-154	Knob Selector	Scrap
1/N-80-123	Spur Gear	Scrap

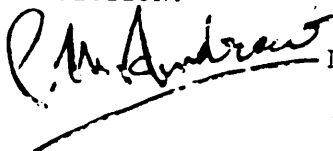
D. Special Tools and Equipment Required:

None.

PREPARED BY:

GOVERNMENT AIRCRAFT FACTORIES,
POST DESIGN SECTION.

APPROVED



DESIGN