

SANDEL AVIONICS LLC
Bonanza
2401 Dogwood Way
AFM
Vista, CA 92083
Document No. ST6481-09

Supplement to Beechcraft
F33 Series

FAA APPROVED
AIRPLANE FLIGHT MANUAL SUPPLEMENT
FOR SANDEL AVIONICS SN3308 NAVIGATION DISPLAY
WHEN INSTALLED IN
BEECHCRAFT BONANZA F33 SERIES AIRCRAFT

This supplement must be attached to the FAA approved Airplane Flight Manual when the airplane is modified by the installation of Sandel Avionics SN3308 Navigation Display in accordance with

STC # SA 00696 LA

The information contained herein supplements or supersedes the basic manual only in those areas listed herein. For limitations, procedures, and performance information not contained in this supplement, consult the appropriate basic Airplane Flight Manual.

APPROVED BY _____

Manager, Flight Test Branch, ANM-160L
Federal Aviation Administration
Los Angeles Aircraft Certification Office
Transport Airplane Directorate

DATE OF APPROVAL _____

LOG OF PAGES

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SECTION I - GENERAL

The Sandel Avionics SN3308 Navigation Display is a compact three-inch instrument which performs the functions of a traditional Horizontal Situation Indicator combined with a two-pointer RMI. The SN3308 Navigation Display also displays a moving map, Stormscope® data, and marker beacon and GPS annunciators if the aircraft is appropriately equipped and configured.

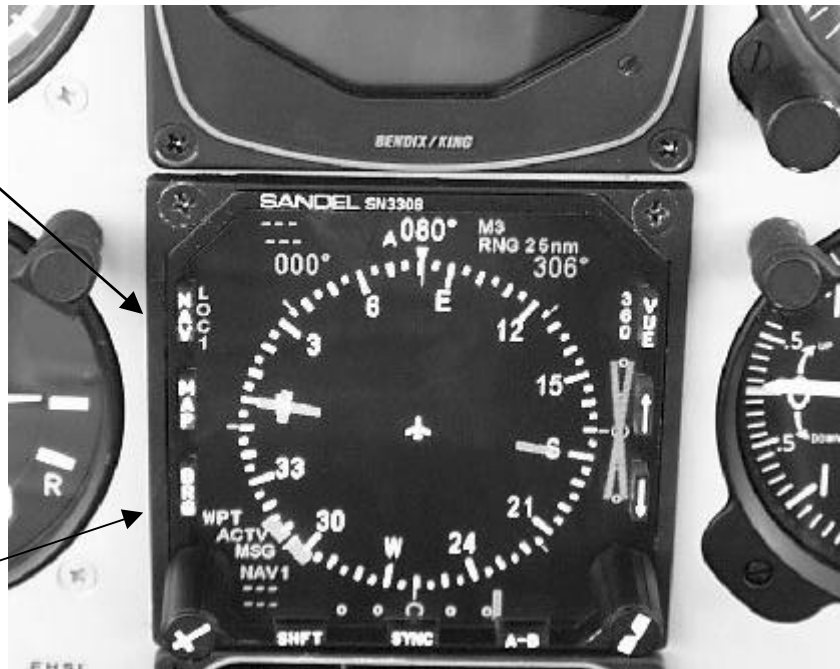
SECTION II LIMITATIONS

1. The SN3308 Navigation Display Pilots Guide, SPN 90106-PG-A or later revision must be immediately available to the flight crew.
2. The "CRC Self Test Failed" message must not appear on power-up if flight operations are predicated on the use of the SN3308 Navigation Display.

SECTION III EMERGENCY PROCEDURES

1. If the SN3308 Navigation Display fails to operate, use the magnetic compass as a heading source.
2. If the remote directional gyro (DG) becomes inoperative the magnetic fluxgate will provide the heading, and the resulting heading display will respond much more slowly than normal.
3. If the fluxgate fails, the SN3308 Navigation Display will continue to display heading based on the directional gyro (DG) input, which must be updated manually with reference to the magnetic compass.
4. The circuit breaker for the SN3308 Navigation Display is located on the lower right circuit breaker panel labeled EHSI.
5. Refer to the SN3308 Navigation Display Pilots Guide for other error messages and alerts.

SECTION IV NORMAL PROCEDURES



1 VOR-ILS
GPS

1 VOR
2 VOR
GPS
ADF

Sandel Avionics SN3308 Navigation Display

1. The selection of the primary navigation source between 1 VOR-ILS or GPS is accomplished by the use of the **NAV** switch and will connect the source to the HSI course pointer and the autopilot.
2. ILS override will prevent selection of the GPS as long as an ILS frequency is tuned on 1 VOR-ILS. This will be annunciated on the SN3308 Navigation Display.
3. The selection of the bearing pointer source between 1 VOR, 2 VOR, GPS, or ADF is accomplished by the use of the **BRG** switch.
4. Annunciation of all GPS modes is accomplished by discrete annunciator lamps as well as on-screen annunciation on the SN3308 Navigation Display

SECTION V PERFORMANCE DATA

No Change to AFM.