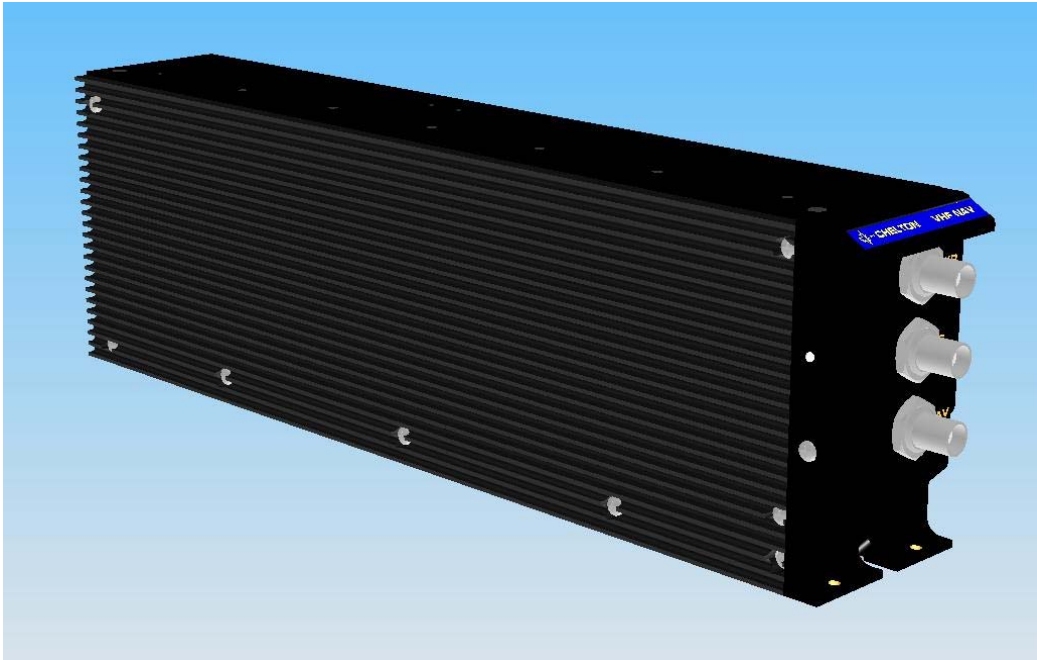


Wulfsberg FliteLine™: CVN-251 VHF Navigation System



PRODUCT DESCRIPTION

The FliteLine VHF Navigation System is an all digital DSP Navigation System which combines VOR/LOC, Glideslope and Marker Beacon functions. This Receiver configuration supports the total navigation interface requirements for MFD or moving map displays. The ARINC 429 digital data bus offers compatibility with EFIS/LCD displays, the Wulfsberg RMS-555 Radio Management and Flight Management Systems by supporting Nav auto-tune operation. Additional interfaces are provided to HSI's, CDI's and RMI's to include analog. Automatic calibration of the VOR converter ensures navigation guidance accuracy. FliteLine Navigation System represents 50% weight and volume reduction as compared to Series III. FliteLine Navigation System is interchangeable with Series III equipment using a special mounting tray adapter. The result is increased customer reliability.

Features

- Includes Glideslope and Marker Beacon
- Digital VOR/LOC and Glideslope Converters
- FM Immunity
- Analog Outputs to CDI's and HSI's
- Digital Redial/bearing Output
- ARINC 429 Digital Data Bus
- New Can Bus Implementation
- Increased Self-test and BIT
- Optional Stand Alone Color Control Head (CVN-252)
- Or Color Multi-function (CCN-955) Nav/Com
- Special Rotor Modulation Protection

Publication No. 150-041955
Rev. D

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Product Guide

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Specifications

Certification:

FAA TSO: C34e, C36e, C40c, C35d
 EASA ETSO: 2C34f, 2C36f, 2C40c, 2C35d
 MOPS:
 RTCA: DO-192, DO-143, DO-195, CD-196
 EUROCAE: ED-47B, 2/WG7, ED-46B, ED-22B
 ICAO: ANNEX 10

Environmental:

RTCA: DO-160D
 EUROCAE: ED-14D

Power Requirements 28 Vdc Aircraft Power

Current Requirements 0.8 AMP

Weight 3.75 lbs (1.7 kg)

Physical Dimensions 2.40" x 4.00" x 12.95" (60.96 x 101.6 x 328.93 mm)

Temperature -67°F to +158°F (-55°C to + 70°C)

Altitude 55,000 feet (16,764 m)

Channel availability 200

Audio outputs available 10-100 mW

Configuration Variation	Description
400-048500	CVN-251 VHF Nav, [Sales@Wulfsberg.com for Info]

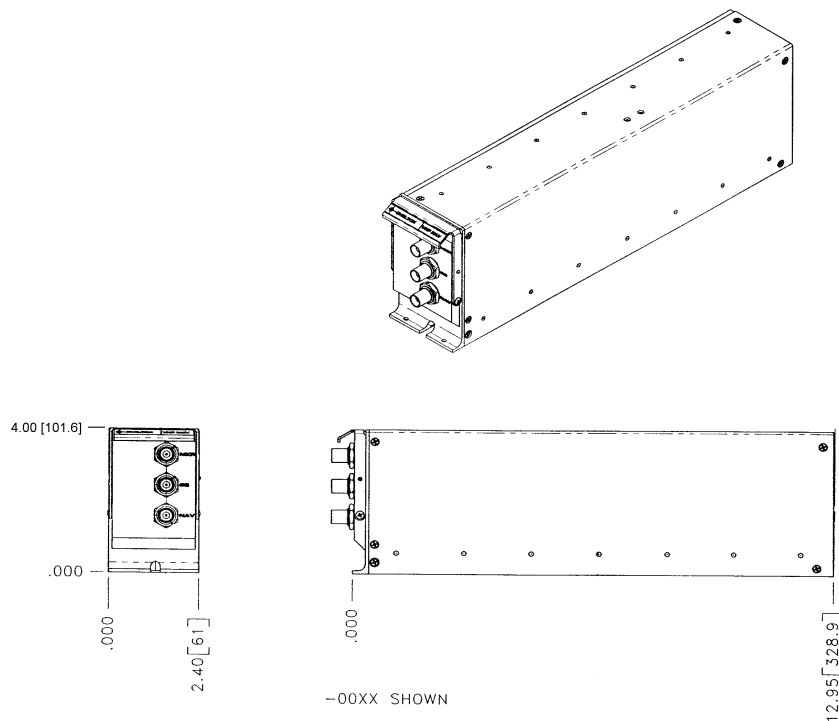


Figure 3. CVN-251 Outline Drawing
Portions of Dwg No. 154-048500