

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify aircraft nationality and registration mark and date work completed.)

Installation of GPS/Comm in Ryan Navion N5186K, of United States registry, Ser. No. NAV-4-2086 at airframe total time 2601 hours per Garmin International GNC300XL Installation Manual P/N 190-0067-22 (Rev.C) issued June 22, 1998; Garmin STC #SA00640WI issued March 16, 1998, Mid-Continent Instruments MD41-444 Installation Manual P/N 7016181 (Rev. 2) issued February 24, 1998, and Narco AR850 Installation Manual P/N 03753-0622, original release, issued November 1990.

Installation includes:

GPS/Comm: Garmin GNC300XL; P/N 011-00433-00; Ser. No.:95100859

GPS antenna: Garmin P/N 010-10040-01; Ser. No.: 59046760

Annunciator Control Unit (ACU): Mid-Continent Instruments P/N: MD41-444; Ser. No.:14421

Horizontal Situation Indicator: King KI-202; P/N 066-3034-07; Ser. No.: 10568

VOR/LOC converter: King KN-72; P/N 066-4009-00; Ser. No.: 1290

Altitude encoder: Narco AR850

Electrical requirement:

GPS/Comm: 0.7 amps

GPS antenna: 0.0 amps

ACU: 0.65 amps

HSI: 0.17 amps

VOR/LOC converter: 0.2 amps

Altitude encoder: 0.35 amps

TOTAL: 2.07 amps; or 8.3% of electrical system capacity

Weight and Balance:

By measurement and herein incorporated by reference (3 sheets). Aircraft logs updated.

This equipment meets the requirements of TSO C129a Class A(1) for GPS IFR non-precision approach use under Garmin specification 004-00014-00.

A copy of Garmin STC #SA00640WI is herein incorporated by reference (1 sheet).

A copy of the Garmin Flight Manual Supplement, Garmin P/N 190-00067-34 (Rev. A) has been incorporated into the aircraft flight manual. A copy of the Flight Manual Supplement is herein incorporated by reference (6 sheets). There are no aircraft operating limitation changes associated with this installation.

All work performed in accordance with manufacturers' installation manuals and AC 43.13-1B.

Post installation checkout per Garmin installation manual satisfactory; database updated to Jeppesen cycle 13, and work completed.

END

0 Additional Sheets Are Attached