



The Standard

AIRCRAFT LOG

1982-83

Aircraft Record General Information

Manufacturer BECH AIRCRAFT CORP. Model G-33
Serial CD-1293 Registration Number N166B
Date of Manufacture 6-22-72

Engine(s) currently installed:

Manufacturer CONTINENTAL Model IO-520-BB Serial 280728-R
Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer MCCAULEY Model 2A36C23-PIEG
HUB Model _____ Serial 744754 Serial _____
Blade Model S84B-2 Serial C68722YS Serial C68724YS Serial _____
Blade Model _____ Serial _____ Serial _____

DATE: 3-20-2023 N166B TACH: 2665.06

Removed the existing KMA-20, GNC-300XL, KNS-80, KX-155, GTX-327, AR-850, PCD7100-P, ATD-300, AA85-001, SN3308 and Flux detector, S-Tec 30 Autopilot with Altitude Hold, KG-102A, 4000B-7 DG, and uAvionix Tail Beacon, P/N: UAX-90036-01, S/N: 2002609, and installed the following avionics:

- GTN-750TXi GPS/NAV/COM, P/N: 011-04634-00, S/N: 5FR002926, GA-35 Antenna, S/N: 205342, and Smart Glide Switch, P/N: 011-05930-00
- GMA-35 remote Audio Panel, P/N: 011-02299-20, S/N: 1T6101276
- GNC-255 NAV/COM, P/N: 011-02806-40, S/N: 2A8024723
- GTX-345R Transponder, P/N: 011-03303-01, S/N: 3EH040965
- GFC-500 Autopilot with GMC-507, P/N: 011-04548-01, S/N: 5H1103823, GSA-28 Roll Servo, P/N: 011-02927-21, S/N 6N2009545 and Pitch Servo, P/N: 011-02927-21, S/N: 6N2009561
- GI-275 AI, P/N: 011-04489-20, S/N: 5MZ201971, S/N: 5MZ201971, GMU-11, P/N: 011-04349-01, S/N: 56J028617 and GTP-59 OAT Probe, P/N: 0111-00978-00, S/N: 47964824
- GI-275 HSI, P/N: 011-04489-10, S/N: 5MZ105098 & Battery Pack P/N: 010-02304-00, S/N: 5MZ607409
- GSB-15 USB Hub, P/N 011-02201-10, S/N: 63M061161

FAA Form 337 submitted for above changes. Removed existing 5934P-1 altimeter, S/N: 66873, and installed a Kollsman D2206104004 Altimeter, S/N: AF56-13910 (Ref PSI WO# 327821). Removed aft avionics shelf and relocated the USB-2 Power Supply. Removed the standby power supply system and the vacuum pump/system. Installed vacuum pump pad cover. Weight and Balance Records updated. Installed tail NAV light assembly with LED bulb P/N: BA15S-10-36V.

John Heilmann

John Heilmann A&P/IA# 2796042

YEAR 20 DATE	TOTAL TIME IN SERVICE	Current Weight and Balance Information			
		Empty Weight	Empty CG	Useful Load	Remarks
I certify that altimeter and static system tests required by 14 CFR § 91.411 and transponder tests, including data correspondence, required by 14 CFR § 91.413, have been performed and comply with 14 CFR part 43, appendices E and F for IFR operation.					
Altimeter Model: ^{GI-275 AI} 2 D2206104004 Serial No. ^{5MZ201971} AF 56-13910 tested to <u>20000</u> feet					
Transponder Model: <u>GTX-345R</u> Serial No. <u>3EH040965</u> tested					
Encoder Model: <u>GI-275 AI</u> Serial No. <u>5MZ201971</u> tested to <u>20,000</u> feet					
Static system leak tested on (date) <u>3-20-23</u> to 1000 ft. AGL.					
This article is approved for return to service with respect to the work performed. Pertinent details of testing and repairs are on file at this repair station under Work Order No. <u>23-003</u> for A/C <u>N166B</u> S/N <u>CD-1293</u> TACH: <u>2665.06</u>					
Date <u>3-20-23</u>		FAA CRS No 3W/NR561B		Transponder Equip used <u>AV-17</u>	
Signed <i>John Heilmann</i>		Wings of Hope, Inc.		Cert. due date <u>2-15-2024</u>	
		18370 Wings of Hope Blvd.		Pitot-Static Equip used <u>6000-35</u>	
		Chesterfield, MO 63005		<u>6-OCT-23</u>	

