

Email: N4117F@gmail.com for inquiries

N4117F Description and Equipment

8,839.7 TTAF - flies regularly therefore times will change (current Tach 1285.4)

635.5 SMOH - Overhaul by Signature Engines 1/19/16

Empty Weight: 1535.7 lbs

Empty CG: 86.55

Useful Load: 1014.3 lbs

Serial Number 28-7790004

- Last Annual 5/23, on calendar for late May 2024, sells with fresh annual
- Sells with aircraft cover, cowl plugs, and pitot cover
- Hangared last two years (in my ownership history, preheats <50F)
- Selling to upgrade useful load and room for growing family of 4+dog

Overhaul included (work since purchase in 2019):

- 4 New Superior Millennium Cylinders (#2 hone and re-ring after oil analysis indicated wear—compressions all remain great)
- 2 New Slick Magnetos (impulse replaced with SureFly)
- 1 New Harness
- 1 New Fuel Pump
- 1 Overhauled Carb
- 1 New Set of Plugs (all plugs replaced, running fine wires on surefly and/or bottoms)
- New Engine Mounts and Hardware
- All LP Hose
- Alternator and Starter Refurbishment (new alternator and starter March 2023)
- New Sensenich Prop

Engine/Prop (9/10)

- Compressions great (all above 70)
- Oil consumption ~ 1 qt / 7-8 hours
- Camguard w/ Victory 100AW
- Active oil analysis history since August 2019
- New muffler (½ of assembly) 05/01/20
- New #1 exhaust stack 12/2023
- SureFly SIM4P replaced impulse mag June 2022
- New rocker cover gaskets - silicone February 2021
- New Tempest UREM38E plugs October 2023 (4)
- New Tempest UREM38S fine wire plugs November 2023
- Remove/replace all exhaust and intake gaskets November 2023
- #2 cylinder honed, ringed, and re-installed February 2024
- Vacuum system removed September 2020 w/ avionics upgrade
- Engine monitor (CGR-30P) w/ carb temp probe June 2021

- New PlanePower (10-1051) alternator March 2023
- New Hartzell starter (149NL) March 2023

Airframe (9/10):

- STC Cargo Floor Mod - 200 lb capacity composite structure
- Interior of wings treated with zinc chromate from factory
- Corrosion X protocol current
- AD 2020-26-16 complied with through eddy current inspection (missing logs triggered the inspection).
- Airframe logs prior to 2014 lost with prior owner/A&P, complete FAA STC, registration, and 337 records available
- Bogart battery cables
- Fuel tanks removed and repaired 12/8/17, reinstalled with new vent and supply lines
- Both tanks removed, sending unit gasket replaced and re-sealed October 2019
- Both tanks removed, checked, and additional sealant as part of paint April 2023
- Remove, replace all seals and o-rings in all brake master cylinders 1/1/2018
- Brake pads replaced 4/1/21
- New Concorde sealed battery (RG-35A) 09/04/19
- ELT battery replaced 11/1/23
- Whelen LED Position and Nav lights, LED strobes on independent switch
- LED High-Intensity Landing Light
- New low-profile tail fairing and WATT LED red/white beacon 04/10/21
- New Baggage and Main Door Seals (P301-1) w/ addl fuselage seal on top channel
- New Main Door hardware (hinges, attach, pins) 04/10/21
- New Wing Root Seals 04/15/23 as part of paint
- New Wing Walk Application 04/15/23 as part of paint
- New stainless steel exterior hardware 04/15/23 as part of paint
- New main tires 04/10/21
- Steve's Gascolator installed 04/10/21
- New Zeftronics Voltage Regulator (R1510L) installed July 2021

Interior (9/10):

- New side windows, .25" thickness, solar control and light grey tint, no leaks!
- Beige/cream interior with split leather/carpet side panels
- New AirTex seats (foam and covers) February 2024
- Headrests on all four seats
- Seat belts in good condition, front belts and reels replaced February 2024
- New Rosen visors January 2020
- All seats have recline function
- Carpet in OK condition, some wear spots
- Rebuilt gaskets on all floor air vents
- Overhead plastic rebuilt July 2020, overhead air vents, damper, and fan operable
- Floor mounted plastic (5/10) in operable condition, will need to replace in future
- Throttle quadrant plastic new May 2020

- Panel light LED replacement with new dimmer switch (factory dials now inop)

Exterior (10/10)

- Complete strip and paint April 2023 - before photos available
- Paint included all surface imperfection smoothing and all fairings replaced with new
- Fiberglass repair throughout including cowl and new cowl latches
- New single piece windshield as part of paint April 2023, extra thick with solar control
- Leading edges treated with teflon/paint treatment to harden edge and help keep clean
- Glass in great condition. All side windows new 01/22 and upgraded with .25" thickness, light grey tint, and solar control

Avionics / Electrical (10/10)

- Avidyne IFD 540 installed August 2019, database current
- Avidyne AXP322 remote transponder, August 2019
- Terra TriNav #2 Nav/Com, with spare backup available
- PMA8000BT Audio Panel w/audio feed from IFD and aux line-in wired from jack in backseat; allows backseat passengers to stream own audio to rear jacks, August 2019
- Aspen E5 PFD, advanced flight data unlock includes TAS, winds aloft vector, September 2020
- BendixKing AeroCruze 100 AP, September 2020
- AP source select switch between IFD540 GPSS or Aspen E5 (heading bug or GPSS passthrough)
- Baro passthrough from Aspen to AeroCruze
- EI CGR-30P Engine Monitor, Primary Gauge Replacement, July 2021
 - Full EGT/CHT monitoring
 - Digital calibrated fuel levels
 - Fuel totalizer with fuel flow
 - Voltmeter and Ammeter
 - Carb temp probe
- Fuel data interfaced to IFD540, fuel/distance rings and fuel on-board for flight plan
- EI USB-6A power unit (data port for CGR + 4 USB power slots), July 2021
- uAvionix AV-20 backup attitude indicator, clock, timers, AOA, and g-meter
- External dedicated ADS-B In Antenna, hardwired to Stratux unit
- Stratux wi-fi network enables flight plan transfer to/from iPad to IFD540
- Stratux ADHRS chip feeds iPad app artificial horizon as instrument backup
- New metal, powder coated, etched panel overlays