

For Sale: Experimental Prescott Pusher Plus Prescott Pusher Kit

Price: \$70,000



See the YouTube video here: https://youtu.be/51_xnyeEyhQ

Once in a lifetime opportunity to own a rare Prescott Pusher – AND – a spare Prescott Pusher kit. This is a package deal so whether you want the kit to build or to keep it as spare parts, the choice is yours.

There is currently only one other flying Prescott Pusher and that belongs to a gentleman up in the Chicago area. He has over 1100 hours on his and it flies like a dream. Most all of the mods he has done to create a stable, fun to fly airplane have been done to this airplane as well.

This airplane was originally a retractable gear model but has since been converted to fixed gear in order to help overcome shortcomings of a wide fuselage and short gear legs with an original 62 inch propeller and 200hp engine. While the original configuration may have worked for anyone flying at sea level, attempting to fly in and out of the desert southwest hot/high density altitude airports would have been a challenge to say the least.

This example now sits 8 inches taller than the original configuration and includes a 300hp Mazda 3-Rotor 20B engine and 70 inch, 3 blade in flight electrically adjustable Vesta propeller. Gear reduction is via a Raytech Machine 2.39:1 PSRU allowing for 6000 engine RPM to spin the prop about 2500 rpm. With water and oil coolers the overall powerplant weight is less than a comparable 300hp Lycoming or Continental with far less moving parts to fail. Aside from the needle bearings the only moving parts are the rotors themselves and the output shaft (4 total moving parts). The engine was built by Rotorsports Racing in Kannapolis NC and includes ceramic apex seals and custom porting thus achieving the 300hp+.

The accompanying kit contains most every part as delivered from the manufacturer. Some hardware was cannibalized to finish the kit you see in the pictures and a side window as well as retractable gear components are the only known missing pieces of significance.

The Prescott Pusher is a composite fuselage over square steel tubular frame. All flying surfaces are aluminum. Main gear legs on this model are carbon fiber/fiberglass sandwich while the nose gear is tubular steel.

The complete kit has NOT been flown as my current age and inaccessible insurance have conspired to force me to sell. The package deal is offered "as is" "where is" with no warranties expressed or implied as to the suitability for anything other than a static display of parts and components.

Engine:

Mazda 3-Rotor 20B water cooled and ported & modified by Rotorsports Racing. Ignition is via Haltech Elite 2000 driving 2 spark plugs per cylinder. Dual fuel pumps, Injector Dynamics ID750 injectors, fuel bypass to same tank drawing from. Fram extreme fuel filter prior to injectors + in-line fuel filters prior to Fram filter

PSRU:

Raytech Machine 2.39:1 reduction. Literally a work of art.

Propeller:

70 inch 3 blade wood/composite in-flight electrically adjustable by Vesta. Propeller capable of going beta

Airframe:

0 hours, electrically heated pitot system, heated seats, fan driven vents, Whelen strobes, Black Oak cree LED landing light, rudder/tail accent led lighting, engine bay led lighting, rear facing camera (displays on EFIS), redundant electrical system (Z20 Matronics/Bob Knuckles). 56 gal useable fuel (calculated 3.5 hrs normal cruise)

Avionics & Equipment:

Garmin GNS-480 (IFR legal) with correct size card for current Jeppesen WAAS database downloads

King KX155 Nav com with remote head

MGL 10" EFIS

Blue Mountain Back Up Attitude Indicator

Blue Mountain Autopilot

Narco AT 150 Transponder

Garmin GMA340 Audio Panel

Navworks ADSB in/out w/AMOC (legal)

Interested parties should contact Trent at 602.295.8546 or via email at flynaz@gmail.com. Lots of construction pictures, receipts for purchases, and spec sheets for most components are included.