



DUNCAN
AVIATION

AIRCRAFT SALES & ACQUISITIONS
2004 PIPER MERIDIAN
PA46-500TP | SN 4697177 | N621N



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AIRFRAME TOTAL TIME: 2800 Hours

ENGINE: PRATT & WHITNEY PT6A-42A

SN PCE-RM0187

Total Time SMOH: 133 Hours

OH completed by Pratt & Whitney 6/2020

**PROPELLER: HARTZELL HC-E4N-3Q 4-BLADE
CONSTANT SPEED FULL FEATHERING WITH BETA**

Prop Time Since Overhaul: 133 Hours

- Overhaul completed 7/2020
- Dynamically balanced by Hartzell Service Center 10/2021

AVIONICS:

- Dual Meggitt PFD, EFIS & EIDS Engine Instrument Displays (6 screens total)
- Meggitt Magic 1500 Autopilot with Auto-trim & Yaw Damper, Single Cue V-Bar Flight Director & VOR/LOC/GS coupling
- Dual Garmin GTN 750 WAAS Touch Screen GPS Nav/Com
 - Garmin FlightStream 510
- Dual Garmin GTX 330ES ADS-B In/Out Transponders with Flight ID
- Honeywell Bendix/King IHAS 8000 – Integrated Hazard Avoidance System – Including:
 - KMD 850 Multi-function Display
 - KMH 880 Multi-Hazard Awareness System
 - RDR 2100 320nm Digital WX Radar (Displays on KMD 850)
 - KTA 870 Active Traffic (Displays on KMD 850 & Audible)
 - KGP 560 Enhanced Ground Proximity Warning System (Displays on KMD 850 & Audible)
 - KDR 610 XM Weather Receiver (Displays on KMD 850)
- Goodrich WX-500 Stormscope (displays on GTN 750s & KMD 850)

- Sandia Air Data Computer (TAS & Winds Aloft on GTN 750s)
- PS Engineering PMA8000B Stereo Audio Panel
- Mid-Continent MD-302 SAM Standby Attitude Module with Battery Backup
- Flightcom DVR 300i Clock / Digital Voice Recorder
- Garmin/Mid-Continent GI-106A Backup CDI VOR/LOC/GPS/GS/GP Instrument
- Garmin/Mid-Continent Backup Turn Coordinator & Inclinometer
- Pilot and Co-Pilot Electric Trim & Autopilot Control Switch & Remote Transponder Ident Buttons
- Enviro Systems Cabin Temperature Controller
- Bendix/King Pressurization Controller
- Moritz Digital Volt/Ammeter / Rudder Indicator

ADDITIONAL FEATURES:

- Meridian Gross Weight Increase w/ micro Vortex Generators
- Pressurized Cabin – 5.5PSI Differential
- Certified For Flight Into Known Icing
- Air Conditioning
- Pilot Heated Windshield
- Pilot/Copilot/Passenger Emergency Oxygen
- Engine Fire Detection System
- LoPresti Boom Beam HID Landing Light
- Relief Tube
- Iridium Phone Antenna Installed
- Courtesy Lights
- LoPresti Speed Wheel Covers
- Wing Tip Position and Anti-Collision Lights
- Compressor Wash Ring Installation
- Cowling Plugs and Prop Slings
- Rosen Sun Visors
- Battery Minder Connector Installed
- Complete Logs



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INSPECTION STATUS:

- Annual Inspection Completed 3/2021 by Piper Service Center Shoreline Aviationiro Systems Cabin Temperature Controller
- IFR Certification Completed 11/2021 by NexAir

MAINTENANCE IMPROVEMENTS TO ORIGINAL AIRCRAFT WITH APPROXIMATE DATE & COST:

- Update to Meggit Magic 1500 Autopilot - required to fly coupled WAAS GPS/RNAV approaches) - (2009 - \$25k)
- PS Engineering PMA8000B Stereo Audio Panel (2009 - \$2k)
- Iridium Phone Antenna (2010- \$2k)
- LoPresti Boom Beam HID Landing Light (-2011 - \$3k)
- Installation of RDR 2100 320nm Digital WX Radar - (Feb 2015 - \$13.5k)
- Dual Garmin GTN 750 WAAS Touch Screen GPS Nav/Com (July 2015 - \$28k)
- Installation of Sandia Air Data Computer (to enable GTN-750s to display winds aloft, TAS and accurate fuel range rings) - (July 2015 - \$5k)
- Update of dual GTX 330's to GTX 330ES ADS-B In/Out - (2018 & 2020 - ~\$5k)
- New Leather Interior & Soundex Cabin Soundproofing (July 2020 - \$32.5k)
- Engine & prop had complete overhaul to O SMOH (July 2020 - ~\$500k)
- Mid-Continent MD-302 SAM Standby Attitude Module with Battery Backup (July 2020 - \$11k)
- Garmin FlightStream 510 (Nov 2020 - \$1.5k)

AIRCRAFT HISTORY:

- **August 2009** - Bird strike immediately after takeoff - minor damage to nosewheel landing gear and radar pod
- **January 2013** - Nick in the tip of one propeller blade, determined to be caused by an FBO tug.
- **July 2019** - Runway excursion at HPN - determined to be caused by a prior FBO towing incident which damaged the nose wheel, most likely towed with a chock in place. Nose landing gear replaced. Engine & prop had complete overhaul in July 2020

WEIGHTS:

- Useful Load: 1622.6
- Meridian Gross Weight Increase w/ micro Vortex Generators

Click [HERE](#) for Logbook history

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INTERIOR:

Recent Interior upgrades including full leather passenger seats with Meridian logo stitching, matching lowerside walls and cream upper side walls as well as Soundex Cabin Soundproofing. Executive fold away writing table. Complete Interior Detail 7/2020

EXTERIOR:

Original Paint with the 20th Anniversary Paint Scheme - Beige, Plum & Harvest Gold. Full Corrosion Protection with Epoxy Primer and Zinc Chromate.

PRICE
MAKE OFFER

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Duncan Aviation

Duncan Aviation was founded in 1956 as an aircraft sales organization and is a founding member of NARA. Since 1956, we have conducted more than 3,500 transactions. We have 2,150 aviation experts worldwide, each with an average of 12 years with the company. The aircraft sales team partners with these experts to provide technical support before, during and after the aircraft transaction.

Duncan Aviation is the world's largest privately owned business jet support facility. We provide business aircraft operators with every aircraft service they need. Yet we do so with the friendliness and responsiveness of a small-town company.

Our people have a passion for aviation and for serving customers. They are among the most experienced in the industry and the quality of the service they provide is among the best in the world.

Customers often visit our major MRO facilities in Battle Creek, Michigan; Lincoln, Nebraska; and Provo, Utah, and are surprised at our vast array of services, our innovative solutions and our excellent customer service.

We provide aircraft acquisition & sales, airframe & engine maintenance, avionics installations, interior & paint completions/modifications, avionics/instrument/accessory repairs & overhauls and parts support for Bombardier, Dassault, Textron, Gulfstream and Embraer manufactured aircraft. Our 20+ avionics satellites and 16 engine Rapid Response offices provide avionics and engine services in the field for scheduled and AOG work. And our parts team provides 24/7/365 support worldwide with knowledgeable reps who answer the phone day or night.



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