

# N43848 - 1977 Piper Turbo Arrow III Spec Sheet

**Aircraft History** - N43838 was owned by a Doctor in Tucson, Arizona for over 20 years prior to 2015. The log books were lost in a storage unit and the plane was sold to another owner who had an A&P, IA verify all AD's including doing an IRAN inspection and top overhaul on the engine. The VAR Crankshaft was verified and all of the accessories and cylinders were overhauled at that time (290 hrs ago). New Continental Mags were installed as well as many other new parts. A brand new MT composite 3-blade prop was installed at that time. I contacted the A&P who had maintained the aircraft for the doctor and he sent me his maintenance records for the aircraft which were about 15 years of records prior to 2015. There is no known damage history and it has a corrosion free airframe since it has lived nearly all of its life in the desert. It is an amazing performing aircraft with so many desirable upgrades like the intercooler, automatic wastegate, speed mods etc. All AD's have been complied with including the eddy current inspection of the wing spar and the Turbo V-band clamp was replaced with a new clamp in Oct 2025 and has very few hours on it.



**Year: 1977**

**Make: Piper**

**Model: Turbo Arrow III (PA-28R-201T)**

**Tail Number: N43848**

**Serial Number: 28R-7703317**

**Useful Load: 975 lbs**

- Lopresti Wingtips with taxi lights STC
- Lopresti aileron and flap gap seals STC
- Laminar flow Wing smoothing STC
- Factory Air Conditioning that works well
- Electric Engine Primer
- New Interior and Carpet

**Airframe Total Time: 6640 hrs**

**Engine: 290 Hrs STOH & Accessory Overhaul**

**Engine TSMOH: 1913 hrs**

- Engine: Continental TSIO-360-FB
- Top Overhaul included many new parts including 2 new magnetos, 2 new ignition harnesses, new rod bearings, OH fuel pump, OH flow divider, OH Control valve, new alternator, new spark plugs, and all six cylinders & pistons were overhauled.

**MT Composite Prop TTSNew: 290 hrs**

**Airframe and Engine Upgrades:**

- MT Propeller & composite spinner (3 Blade Composite) only 290 hrs since new
- Intercooler STC
- Merlyn Black Magic Automatic wastegate

**Avionics:**

- Bendix Aerocruze 100 digital autopilot
- Insight G4 Engine Monitor
- Uavionix AV-30C EFIS
- Garmin Aera 660 GPS coupled to autopilot and AV-30
- Garmin GTR 225 Radio
- Bendix KT-76C digital transponder
- New Ack altitude encoder
- Uavinox Tail Beacon ADS-B Out
- PS Engineering PM1000 4 place intercom

**Excellent Maintenance**

- Complete Logs for last 10 years.
- Annual Inspection October 2025
- Spent nearly entire life in Dry Arizona Climate

















| List of Replaced / New parts and Upgrades - Parts cost only (Installation labor not included) |                    |                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------------------------------------------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Avionics                                                                                      |                    | Link to price and information                                                                                                                                                                                                                                                                                                                                                   |
| PS Engineering PM1000 intercom                                                                | \$700.00           | <a href="https://www.aircraftspruce.com/catalog/avpages/pm1000.php">https://www.aircraftspruce.com/catalog/avpages/pm1000.php</a>                                                                                                                                                                                                                                               |
| KT76C Digital Transponder                                                                     | \$1,445.00         | <a href="https://www.bennettavionics.com/kt-76c-transponder/">https://www.bennettavionics.com/kt-76c-transponder/</a>                                                                                                                                                                                                                                                           |
| New Ack Altitude Encoder                                                                      | \$250.00           | <a href="https://www.aircraftspruce.com/catalog/avpages/a30encoder.php">https://www.aircraftspruce.com/catalog/avpages/a30encoder.php</a>                                                                                                                                                                                                                                       |
| Insight G4 Engine Monitor                                                                     | \$6,020.00         | <a href="https://www.aircraftspruce.com/catalog/inpages/g4insight.php">https://www.aircraftspruce.com/catalog/inpages/g4insight.php</a>                                                                                                                                                                                                                                         |
| Garmin GTR225 Radio                                                                           | \$2,500.00         | <a href="https://www.garmin.com/en-US/p/95158/">https://www.garmin.com/en-US/p/95158/</a>                                                                                                                                                                                                                                                                                       |
| Garmin Aera 660 with mount                                                                    | \$1,000.00         | <a href="https://www.garmin.com/en-US/p/520775/">https://www.garmin.com/en-US/p/520775/</a>                                                                                                                                                                                                                                                                                     |
| Uavionix AV-30-C                                                                              | \$2,500.00         | <a href="https://www.aircraftspruce.com/catalog/inpages/uavionix_11-17556.php">https://www.aircraftspruce.com/catalog/inpages/uavionix_11-17556.php</a>                                                                                                                                                                                                                         |
| Bendix King Aerocruze 100 Digital Auto Pilot                                                  | \$7,500.00         | <a href="https://www.aircraftspruce.com/catalog/pnpages/11-18040.php">https://www.aircraftspruce.com/catalog/pnpages/11-18040.php</a>                                                                                                                                                                                                                                           |
| Tailbeacon ADS-B Out                                                                          | \$2,200.00         | <a href="https://www.aircraftspruce.com/catalog/avpages/uavionix_11-17246.php">https://www.aircraftspruce.com/catalog/avpages/uavionix_11-17246.php</a>                                                                                                                                                                                                                         |
| Stratus 2S ADS-B In                                                                           | \$500.00           | <a href="https://stratusbyappareo.com/wp-content/uploads/2020/06/600890-000050-Stratus-1S-and-2S-Pilots-Guide-PDF-1.pdf">https://stratusbyappareo.com/wp-content/uploads/2020/06/600890-000050-Stratus-1S-and-2S-Pilots-Guide-PDF-1.pdf</a>                                                                                                                                     |
| Airframe and Engine Upgrades / Parts                                                          |                    |                                                                                                                                                                                                                                                                                                                                                                                 |
| MT 3-blade Composite Prop & Spinner (290 hrs)                                                 | \$15,000.00        | <a href="https://www.mt-propeller.com/en/entw/stcs/pa28_8.htm">https://www.mt-propeller.com/en/entw/stcs/pa28_8.htm</a>                                                                                                                                                                                                                                                         |
| Turbo Plus Intercooler STC                                                                    | \$9,000.00         | <a href="http://www.turboplus.com/piper-arrow-intercooler.asp">http://www.turboplus.com/piper-arrow-intercooler.asp</a>                                                                                                                                                                                                                                                         |
| Cowl Flaps STC                                                                                | \$500.00           | <a href="http://www.turboplus.com/piper-arrow-intercooler.asp">http://www.turboplus.com/piper-arrow-intercooler.asp</a>                                                                                                                                                                                                                                                         |
| Pressurized Magneto STC                                                                       | \$1,000.00         | <a href="http://www.turboplus.com/piper-arrow-intercooler.asp">http://www.turboplus.com/piper-arrow-intercooler.asp</a>                                                                                                                                                                                                                                                         |
| Merlyn Turbo Wastegate STC                                                                    | \$4,200.00         | <a href="https://www.merlynproducts.com/blackmagic.html">https://www.merlynproducts.com/blackmagic.html</a>                                                                                                                                                                                                                                                                     |
| Lopresti Wingtips with Landing lights STC                                                     | \$2,500.00         | <a href="https://www.knots2u.net/piper-pa-28-wing-tips-with-landing-lights-upswept-set-of-two-rd-6000/">https://www.knots2u.net/piper-pa-28-wing-tips-with-landing-lights-upswept-set-of-two-rd-6000/</a>                                                                                                                                                                       |
| Lopresti gap seals STC                                                                        | \$1,500.00         | <a href="https://www.knots2u.net/categories/piper-single-engine-models/pa-28r-201r-201rt-201rt-201t-models/performance-modifications.html">https://www.knots2u.net/categories/piper-single-engine-models/pa-28r-201r-201rt-201rt-201t-models/performance-modifications.html</a>                                                                                                 |
| Laminar Flow Wing Smoothing STC                                                               | \$1,000.00         | <a href="https://laminarflowsystems.com/product/tank-fairings-smoothing-kit/">https://laminarflowsystems.com/product/tank-fairings-smoothing-kit/</a>                                                                                                                                                                                                                           |
| 2 New Continental Pressurized Magnetos                                                        | \$3,600.00         | <a href="https://hartzellaviation.com/products/aircraft-magnetos/bendix-magnetos/10-500556-103-bendix-pressurized-magneto?srsltid=AfmBOoN6iSyXBqA9sAfAgHV00MBI7p1CeIHpWkHNnEjZEIHbJrUlmcl">https://hartzellaviation.com/products/aircraft-magnetos/bendix-magnetos/10-500556-103-bendix-pressurized-magneto?srsltid=AfmBOoN6iSyXBqA9sAfAgHV00MBI7p1CeIHpWkHNnEjZEIHbJrUlmcl</a> |
| 2 New Ignition Harnesses                                                                      | \$1,500.00         | <a href="https://www.aircraftspruce.com/catalog/eppages/continentalnewharness_07-05340.php">https://www.aircraftspruce.com/catalog/eppages/continentalnewharness_07-05340.php</a>                                                                                                                                                                                               |
| New Hydraulic Gear Pump                                                                       | \$3,700.00         | <a href="https://www.aircraftspruce.com/catalog/pnpages/11-20902.php">https://www.aircraftspruce.com/catalog/pnpages/11-20902.php</a>                                                                                                                                                                                                                                           |
| New Alternator                                                                                | \$1,865.00         | <a href="https://www.aircraftspruce.com/catalog/elpages/hartzell_08-07134.php">https://www.aircraftspruce.com/catalog/elpages/hartzell_08-07134.php</a>                                                                                                                                                                                                                         |
| New Spark Plugs (6 fine wire)                                                                 | \$1,270.00         | <a href="https://www.aircraftspruce.com/catalog/eppages/champsprkplugs18.php">https://www.aircraftspruce.com/catalog/eppages/champsprkplugs18.php</a>                                                                                                                                                                                                                           |
| Factory Air Conditioning                                                                      | \$5,000.00         |                                                                                                                                                                                                                                                                                                                                                                                 |
| Electric Primer Option                                                                        | \$1,000.00         |                                                                                                                                                                                                                                                                                                                                                                                 |
| New Right Windshield                                                                          | \$300.00           |                                                                                                                                                                                                                                                                                                                                                                                 |
| New Left Windshield                                                                           | \$300.00           |                                                                                                                                                                                                                                                                                                                                                                                 |
| Overhauled all Cylinders                                                                      | \$5,000.00         |                                                                                                                                                                                                                                                                                                                                                                                 |
| New Rod bearings                                                                              | \$200.00           |                                                                                                                                                                                                                                                                                                                                                                                 |
| New Rod Bolts                                                                                 | \$200.00           |                                                                                                                                                                                                                                                                                                                                                                                 |
| Overhauled Fuel Pump                                                                          | \$850.00           |                                                                                                                                                                                                                                                                                                                                                                                 |
| Overhauled flow divider                                                                       | \$400.00           |                                                                                                                                                                                                                                                                                                                                                                                 |
| Overhauled Control Valve                                                                      | \$500.00           |                                                                                                                                                                                                                                                                                                                                                                                 |
| New Turbo V-Band clamp                                                                        | \$1,500.00         |                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Upgrades and New Parts</b>                                                                 | <b>\$86,500.00</b> |                                                                                                                                                                                                                                                                                                                                                                                 |