

PIPER PA-28RT-201T Turbo Arrow Model Guide

The PIPER PA-28RT-201T Turbo Arrow (called the Turbo Arrow IV in its handbook) is a single-engine, all-metal, retractable-gear airplane with a T-configuration tail. It seats up to four and has a 200 lb baggage compartment. Its Teledyne Continental TSIO-360-FB turbosupercharged six-cylinder engine is rated at 200 hp. Maximum takeoff weight is 2900 lbs.

KEY TAKEAWAYS

- Turbocharged, fuel-injected 200 hp six-cylinder engine; rated power is held from sea level to 12,000 ft density altitude.
- Maximum takeoff and landing weight are both 2900 lbs; maximum ramp weight is 2912 lbs; baggage limit is 200 lbs.
- Aerobatics are prohibited because the structure is not designed for aerobatic loads.
- PA-28 family context only: variants reach up to 172 kt cruise and 910 nm range. These are not this variant's figures.

ENGINE AND TURBOCHARGER

The Teledyne Continental TSIO-360-FB is turbosupercharged and fuel injected. It has a fixed, ground-adjustable wastegate. An overboost valve keeps manifold pressure from exceeding 42 inches Hg, and an amber annunciator light shows an overboost. Always use the filtered primary air for takeoff; the alternate air is unfiltered. The Hartzell constant-speed propeller is two-bladed as standard and three-bladed as an option.

LANDING GEAR TO INSPECT

The gear is hydraulic, driven by an electric pump, and cycles in about seven seconds. Some aircraft have an automatic gear-lowering device. It extends the gear below about 103 KIAS with power off and prevents retraction below about 78 kts at full power. Blocked holes in the mast on the fuselage will make the gear extend. Check the override lever and lock, the gear-unsafe lights, and the warning horn that sounds with the throttle retarded and the gear not down.

RECORDS, BULLETINS AND PARTS

Piper's service bulletin and service letter index (November 30, 2022) has a PA-28/PA-28R section. It says to check FAA listings for current airworthiness directives. McFarlane lists aileron and rudder cable replacement kits for PA-28RT-201T serial ranges 28R-7931001 thru 28R-8631005 and 2831001 thru 2831038 (partial eligibility). Confirm your serial number is covered.

SPECIFICATIONS

Engine Power Hp	200
Rated Power Altitude Ft	12000
Max Baggage Weight Lbs	200

V-SPEEDS

Max Gear Extended Speed Kts	133
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WEIGHT & BALANCE

Max Takeoff Weight Lbs	2900
Max Landing Weight Lbs	2900
Max Ramp Weight Lbs	2912
Max Baggage Weight Lbs	200

SAFETY NOTES

- Aerobatics are prohibited; the structure is not designed for aerobatic loads.
- Do not use unfiltered alternate air on the ground in dusty conditions; use filtered primary air for takeoff.
- Do not eject objects from the pilot storm window; they could block the gear-sensing mast holes, which makes the gear extend.