A NEW ERA OF JET-FUELED PERFORMANCE

In a world of constant transformation, the Cessna® Turbo Skyhawk® JT-A® aircraft is disruptive technology. This new and improved Skyhawk option employs a technologically advanced diesel engine for enhanced performance. It features increased fuel efficiency and simplified power management, all while accommodating growing demands and environmental regulations across the globe. Flight training may never be the same again.
ENGAGING
THE NEXT NEW PILOTS

POWERED FOR PERFORMANCE
A 155-horsepower Continental™ CD-155 liquid-cooled, turbo diesel engine delivers enhanced performance and ample economical power while lowering fuel consumption.

NOISE REDUCTION
A new composite three-blade propeller enhances performance from takeoff to touchdown while reducing noise.

ROBUST LANDING GEAR
A tricycle landing system is ideal for entry-level landings and ready for heavy braking and taxiing.

NEXT-GENERATION AVIONICS
Garmin™ G1000™ NXi avionics provide a brand-new cockpit interface with enhanced graphics, faster hardware, new features and optional wireless connectivity.

EASY POWER CONTROL
A single-lever power control replaces the classic throttle and mixture controls, making power setting simple.

ENHANCED VISIBILITY
Dual LED landing and recognition lights offer enhanced mobility and strong illumination for night flying.

WINGS DESIGNED FOR THE STUDENT
High wing design offers better visibility and stability, as well as gender-neutral clearance, making it optional for student pilots.

PROVEN RUGGED AIRFRAME DESIGN
Improved both inside and out, Turbo Skyhawk JT-A’s airframes are built for durability.

ROOM FOR OBSERVERS
Seating for three passengers provides optimal space for students, instructors and observers to travel comfortably and enjoy the views.

EASY ACCESS
Dual entry doors allow for convenient loading and unloading for students and instructors.

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A single-lever power control simplifies all phases of flight.

An Angle of Attack System is standard on all Skyhawks, delivering precise information for increased stall awareness, low-speed maneuvering capability and consistent maneuvers during takeoff, climb, cruise, approach and landings.

The Turbo Skyhawk JT-A is powered by the latest technology in integrated cockpit avionics, the Garmin G1000 NXi. With an improved graphical interface, more powerful hardware, higher-resolution displays, added functionality to improve situational awareness and optional wireless technology, managing the flight deck has never been easier.

NEW FEATURES AND OPTIONS
+ Standard ADS-B Out and In
+ Optional wireless database and flight plan loading
+ Integrated VFR Sectional Charts
+ IFR High and Low Charts with Night Mode
+ Enhanced HSI features
+ COM frequency decoding
+ Vertical Situation Display
+ Selectable Visual Approaches
+ Optional Surface Watch for runway safety
+ Enhanced graphics and faster processing
+ Improved joystick with smoother panning
+ Simplified maintenance

COMMAND THE NEXT GENERATION
The Turbo Skyhawk JT-A offers a proven classroom experience that instructors, students and observers have come to know and expect. Rugged and built to take the abuse of pilots-in-training, the JT-A features three seats, large wraparound windows and soft LED lighting throughout the cabin, maintaining comfortable conditions throughout every lesson. A 12-volt power outlet keeps your mobile devices fully charged, while seatbelt airbags help keep everyone secure. Farther aft, a cargo area fully equipped with tie-down rings allows for 120 pounds (54 kilograms) of gear. Customize the cabin to your preferences with optional skylights, leather seats, an aft bench and air-conditioning.

PRIMED FOR THAT FIRST-FLIGHT
ADRENALINE RUSH

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Featuring a Continental CD-155 liquid-cooled, in-line four-cylinder turbocharged engine with double overhead camshafts, direct fuel injection and common-rail technology, the Turbo Skyhawk JT-A is your gateway to globally available fuel and lead-free emissions. A redundant FADEC system precisely manages engine combustion for enhanced reliability and smooth operations. The high-efficiency diesel engine is controlled through a single power lever and delivers 25 percent lower fuel burn than the standard Skyhawk. Add in the fact that Jet A typically costs less than avgas around the globe and the fuel advantage becomes clear. These upgrades significantly enhance the performance of your aircraft, including faster climbs, increased range, more speed and fuel savings.

**APPROVED FUEL GRADES**

- Jet A (ASTM 1655)
- Jet A-1 (ASTM D 1655)
- Diesel (DIN EN 590)

**Key Specifications**

- **Displacement**: 1.9 L (121.5 cu in)
- **Gearbox Ratio and Dampening**: 1:1.69 with mechanical and overload release
- **Oil System**: Wet sump
- **Bore and Stroke**: 3.26 in (83 mm) x 3.62 in (92 mm)
- **Compression Ratio**: 18:1
- **Fuel Burn Per Hour**: 25% lower
- **Horsepower**: 155
- **Torque**: 349 ft-lb
- **RPM**: 2,300 takeoff and 2,100 continuous
- **Maintenance Interval**: 2,100 hours
- **Efficiency**: 85 percent max recommended cruise power
- **FADEC System**: Dual channel FADEC (full authority digital engine control) with backup battery
EXTERIOR DESIGN SELECTION

Choose from several different paint combinations, and outfit your Turbo Skyhawk JT-A to fit your style preferences.
### PERFORMANCE

- **Takeoff Ground Roll**: 944 ft (288 m)
- **Max Climb Rate**: 712 fpm (217 mpm)
- **Service Ceiling**: 14,000 ft (4,267 m)
- **Max Cruise Speed**: 134 ktas (248 km/h)
- **Max Range**: 885 nm (1,639 km)

### TURBO DIESEL POWER PLANT

- **Manufacturer**: Continental
- **Model**: CD-155
- **Power Output**: 155 hp

### WEIGHTS

- **Max Takeoff Weight**: 2,550 lb (1,157 kg)
- **Basic Empty Weight**: 1,780 lb (807 kg)
- **Useful Load**: 772 lb (350 kg)
- **Useful Load**: 772 lb (350 kg)

### INTERIOR

- **Cabin Height**: 48.0 in (1.22 m)
- **Cabin Width**: 39.5 in (1.00 m)
- **Cabin Length**: 11 ft 10 in (3.61 m)
- **Baggage Capacity**: 120 lb (364 kg)
- **Max Occupants**: 4

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**SPECIFICATIONS**

Backed by Textron Aviation, the world’s leader in flight training solutions, the Turbo Skyhawk JT-A meets higher standards in environmental regulations and leads the forward thinking needed to foster new growth in aviation. By seamlessly integrating diesel-engine technology and eliminating the need for leaded fuel, the JT-A leverages today’s long-term energy with relentless efficiency. These smart power plant innovations, paired with a proven and respected airframe, create new opportunities for aspiring pilots and successful flight training operations to help spread the magic of flight to people everywhere.

**DESIGNED FOR THE FUTURE**

- Performance data is based on standard conditions with zero wind. Field performance assumes a level, hard-surface, dry runway. Range is based on a ferry mission with one pilot (170 pounds) at 60% power with 45 minutes reserve.
Textron Aviation’s extensive engineering and manufacturing resources provide you with a worldwide network of technical support experts and maintenance solutions.

- Field service representatives from Textron Aviation are equipped with extensive technical manuals and detailed vendor documentation to answer your questions.
- More than 350 authorized service facilities around the world are uniquely qualified to service your piston aircraft.
- Our inventory carries more than $150 million in piston parts with a 99.6 percent same-day ship rate to keep your aircraft flying.

Fly with confidence knowing you’re backed by the most capable service and support network in general aviation.
Textron Aviation brings smart innovation to the market — leveraging the latest technology in our industry-leading Beechcraft®, Cessna® and Hawker® aircraft — a cornerstone of 90 years of performance. Together, Cessna and Beechcraft account for more than half of all general aviation aircraft flying, having delivered more than 250,000 aircraft that exceed 100 million flight hours and operate in more than 143 countries. In the last five years, 10 new Textron Aviation aircraft products have been certified and delivered. From Citation® jets, the world’s best-selling business jets, to the class-leading King Air® and Caravan® turboprops to the Cessna T182® advanced piston performer, Textron Aviation leads the industry with the broadest product portfolio and the largest aircraft service network in the world.