


WALLAN  AVIATION



TURBO SKYHAWK JT-A



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

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 visibility and strong illumination for night flying.

WINGS DESIGNED FOR THE STUDENT

High wing design offers better visibility and stability, as well as greater ground clearance, making it optimal for student pilots.

NOISE REDUCTION

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

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.

ROBUST LANDING GEAR

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

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.





COMMAND THE NEXT GENERATION

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.

G1000 NXI



Enhanced HSI Functionality



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

NEW FEATURES AND OPTIONS

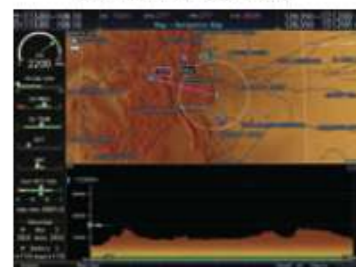
- + Standard ADS-B Out and In
- + Optional wireless database and flight plan loading
- + Integrated VFR Sectional Charts
- + IFR High and Low Charts with Night Mode
- + Enhanced HSI features
- + COM frequency decoding
- + Vertical Situation Display
- + Selectable Visual Approaches
- + Optional Surface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



VFR Sectionals



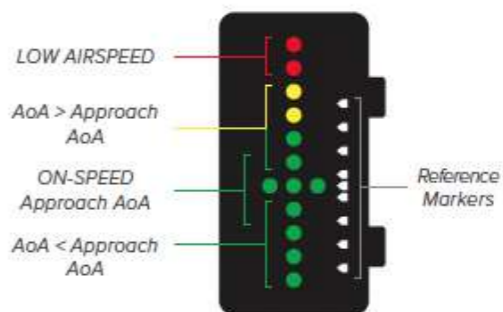
IFR High and Low Charts



Vertical Situation Display



COM Frequency Decoding



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.



PRIMED FOR THAT FIRST-FLIGHT **ADRENALINE RUSH**



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.



**GO FASTER,
GO FARTHER,
SAVE MORE**

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)

25%
LOWER
FUEL BURN PER HOUR

155
HORSEPOWER

349
FT-LB OF TORQUE

CONTINENTAL
CD-155
155 Horsepower (114 Kilowatts) Turbodiesel



- » DOHC (double overhead camshafts)
- » Dual channel FADEC (full authority digital engine control) system with backup battery
- » 1.9 L (121.5 cu in) displacement
- » Direct fuel injection and common-rail technology
- » Wet sump oil system
- » 2,100-hour TBR maintenance interval
- » 2,300 RPM takeoff and max continuous power
- » 1:1.69 gearbox ratio with mechanical dampening and overload release
- » Bore 3.26 in (83 mm)
Stroke 3.62 in (92 mm)
Compression 18:1
- » 85 percent max recommended cruise power
- » Liquid-cooled in-line four cylinders

DESIGNED FOR THE FUTURE

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 widely available 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.

SPECIFICATIONS

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

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

**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.*



For more information or to make an offer please contact:

Wallan Aviation

Sales@WallanAviation.com

+966 920 018 585

+971 4 295 7595