

# ARCHER<sup>®</sup> DX

FOUR-PLACE | SINGLE ENGINE DIESEL



POWERED BY JET-A



\*WHEEL FAIRINGS INCLUDED IN THE DLX PACKAGE ONLY

THE ARCHER® DX IS THE IDEAL DIESEL POWERED TRAINER, WITH THE DURABILITY, RELIABILITY, COMFORT, AND TECHNOLOGY THAT YOUR STUDENTS, INSTRUCTORS AND PASSENGERS WILL THANK YOU FOR. THE DX IS THE GREEN ALTERNATIVE, POWERED BY THE CONTINENTAL CD-155 DIESEL ENGINE, BURNING THE MORE EFFICIENT JET FUEL. IT ALSO BOASTS THE GARMIN G1000® NXI AVIONICS SUITE IN THE COCKPIT.



## SPECIFICATIONS AND PERFORMANCE

### PROPELLER

MT 3-Blade  
Constant Speed

### FUEL CAPACITY

**Usable**  
48 US gal | 182 L

### ENGINE

#### Continental CD-155

Flat-Rated Horsepower  
at 155 shp

### DIMENSIONS

**Wingspan:** 35 ft 6 in | 10.8 m  
**Height:** 7 ft 3 in | 2.2 m  
**Length:** 24 ft | 7.3 m

### WEIGHTS

#### Maximum Takeoff Weight:

2,550 lb | 1,157 kg

#### Maximum Ramp Weight:

2,558 lb | 1,160 kg

#### Standard Equipped Weight

1,764 lb | 800 kg

#### Standard Useful Load:

794 lb | 360 kg

### Max Range

848 nm  
1,576 km

### Takeoff Distance (Over 50' Obstacle)

1,673 ft  
510 m

### Max Cruise Speed

123 ktas  
228 km/hr

### Landing Distance (Over 50' Obstacle)

1,400 ft  
427 m

### STANDARD FEATURES

- GARMIN G1000 NXI AVIONICS SUITE
- Single 10.4" GDU 1050 PFD
- Single 10.4" GDU 1050 MFD
- Garmin Flite Charts
- Garmin SafeTaxi
- GMA 1360 Digital Audio Panel
- GTX 335R Transponder
- Aspen Standby EFD1000

### OTHER EQUIPMENT

- Tail Strobe Light
- LED Wing Tip Recognition Lights
- Overhead Air Distribution Blower Fan
- USB Charging Ports
- Cockpit Stowage Pouches (upper and lower)
- CO Detector
- School Colors Scheme with Two Vinyl Trim Colors and Logo

### AVIONICS EQUIPMENT OPTIONS

- Enhanced AFCS Enablement
- Jeppesen ChartView
- SVT - Garmin Synthetic Vision
- TAWS-B (Terrain Awareness and Warning System)
- Flight Stream 510 with Connex
- GDL 69A SXM Satellite Radio / Weather
- GTX 345R Transponder with ADS-B IN and OUT  
(Exchange for standard or GTX 335R transponder: ADS-B OUT only)
- FlightCom - Rear Seat PTT
- BendixKing KR 87 ADF
- BendixKing KN 63 DME
- GDL 59 WiFi Data Link
- Vision 1000 (Appareo flight monitoring system)
- GTS 800 Traffic Advisory System
- GFC 700 Autopilot

### ADDITIONAL OPTIONS

- Safe Flight Angle of Attack (AOA) System
- Vinyl Floor Covering (Exchanged for standard carpet)
- United Kingdom Lighting Package
- AmSafe Seatbelt - Pilot and Co-Pilot Positions

Additional Special Options | Quoted upon request



INTERIOR



AVIONICS