


Piper[®]

ARCHER DX
DIESEL



写真はArcher LXです。

STANDARD FEATURES

AVIONICS

Garmin G1000 Avionics Suite:

Single 10.4" GDU 1040 PFD, Single 10.4" GDU 1040 MFD, Dual GIA 63W NAV/COM/GPS,

Single GRS 77 Attitude Heading Reference System (AHRS), Garmin FliteCharts, Garmin

SafeTaxi, GMA 1347 Digital Audio Panel, Single GDC 74A Air Data Computer, GTX 33 ES Mode

S Transponder (ADS-B "Out"), and Aspen EFD1000 Standby Flight Instrument

OTHER EQUIPMENT

Tail Strobe Light | Wing Tip Recognition Lights | School Paint Scheme with Two Trim Colors and Logo

AVIONICS EQUIPMENT OPTIONS

235 : Jeppesen Chartview (not approved by EASA)

346 : Garmin Synthetic Vision

427 : FlightCom

450 : TAWS-B (Terrain Awareness and Warning System)

524 : BendixKing KR 87 ADF

563 : BendixKing KN 63 DME

577 : Electric Trim

594 : Genesys System 55X Autopilot

600 : Vision 1000 (Appareo flight monitoring system)

800: GTS 800 Traffic Advisory System



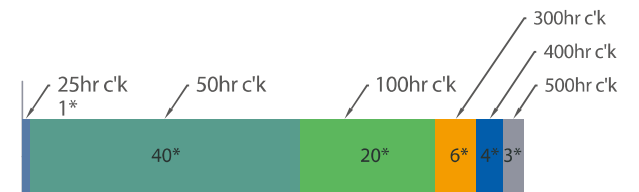
Continental Motors, Inc.

Continental Motors CD-155
 TBR : 2100 hours
 Total number of inspections : 26

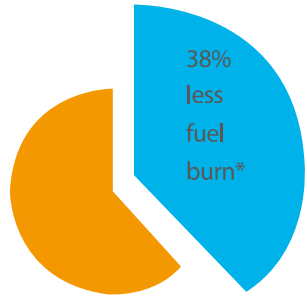


*Number of inspections per engine 2100 hours operations

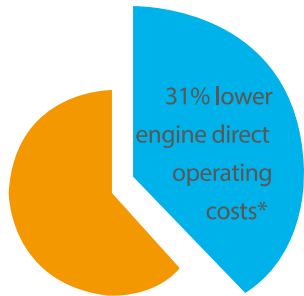
Lycoming® IO-360
 TBO : 2000 hours
 Total number of inspections : 74



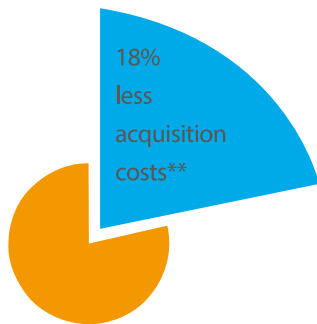
*Number of inspections per engine 2000 hours operations



38% less



31% less



18% less



* Compared to comparable four-place, AV-gas piston aircraft. Source: Conklin & de Decker 2014 Vol 1

** Compared to other four-place diesel trainer aircraft

SPECIFICATIONS

ENGINE

Continental CD-155
Horsepower: 155 hp
Number of Cylinders: 4

PROPELLER

MT 3-Blade | Constant Speed

WEIGHTS

Maximum Takeoff Weight: 2,550 lbs | 1,157 kg
Maximum Ramp Weight: 2,558 lbs | 1,160 kg
Standard Equipped Weight: 1,764 lbs | 800 kg
Standard Useful Load: 794 lbs | 360 kg

CRUISING SPEED

123 ktas | 228 km/h (75% power)

FUEL CAPACITY

43 US gal | 163 liters (Usable)

RANGE WITH 45 MIN. RESERVE

848 nm | 1,570 km

SERVICE CEILING

16,100 ft | 4,877 m

TAKEOFF DISTANCE

Ground Roll: 919 ft | 280 m
Total Over 50 ft Obstacle: 1,673 ft | 510 m

LANDING DISTANCE

Ground Roll: 920 ft | 280 m
Total Over 50 ft Obstacle: 1,400 ft | 427 m

DIMENSIONS

Wingspan: 35 ft 5 in | 10.8 m
Height: 7 ft 3 in | 2.2 m
Length: 24 ft | 7.3 m

ADDITIONAL OPTIONS

700: Nonstandard Paint Color – Top

710: Nonstandard Paint Color – Bottom

715: Nonstandard Approved Paint Scheme

AmSafe Seatbelts - Pilot and Co-Pilot Positions

LX: LX Package (includes traveler package,
leather interior, muffler, & wheel fairings)



ARCHER BY
DIESEL


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