

TRAINERS

WELCOME TO THE TRAINER CLASS | FREEDOM TO LEARN

Piper[®]
FREEDOM OF FLIGHT



TRAINER SERIES: PILOT 100i | ARCHER TX | ARCHER DX | SEMINOLE

PIPER IS PREPARING PILOTS FOR THE FUTURE OF AVIATION

Piper Trainers give career pilots in training the experience they need to meet the growing demand for professional pilots, while providing flight schools with the most cost-effective training platforms.





PROUDLY SUPPORTING THE FLEETS OF:

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...AND GROWING!

HIGHER LEARNING.

Each Piper Aircraft interior is designed with maximum comfort and durability in mind. The ergonomic seating provides a comfortable environment allowing the pilot and instructor to focus on the task at hand. Heavy-duty vinyl and wear-resistant synthetic leathers are hand-fitted to the seats and side-walls, prepared to withstand repetitive use. Air conditioning is an available option with most aircraft.



Get acquainted with the softer side of rugged vinyl. Interiors in the Piper Trainer Class are designed with both comfort and function in mind. Soft wear-resistant synthetic leather seats yield and conform for maximum traveling comfort, but remain durable enough to withstand the demands of repetitive use. Ergonomic interior design facilitates maximum cabin comfort. When it comes to tough love, you will love the soft side of this aircraft's tough interior.





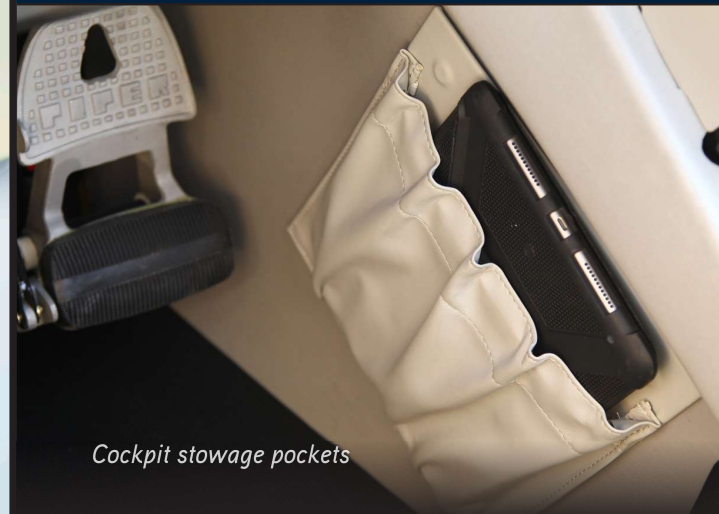
INTERIOR PERFECTION



Carpet or Vinyl Flooring Options



School Paint Scheme with Logo



Cockpit storage pockets

Piper Aircraft, Inc. is the first aircraft manufacturing company to place the Garmin G1000 NXi system into its training aircraft.

The Seminole and Archer bring a higher level of performance and capability to the flight deck with the G1000 NXi. The zero-time avionics start up allows the crew to start their procedures without waiting for the avionics to “warm up”. Once in operation, the G1000 NXi high resolution glass displays the enhanced HSI map, surface watch, 3-D Synthetic Vision and other features that enhance the crew’s safety and situational awareness.

Students are able to perform WAAS enabled LPV approaches, create visual approach glide paths to pre-selected minimums, as well as display up-to-date approach, enroute, arrival, and departure charts on the MFD. Flight Stream 510 is an advanced option which enables continual streaming of weather, traffic, attitude information and includes the ability to transfer flight plans from a mobile device to the avionics.

Each Piper Trainer equipped with G1000 NXi provides students with a truly modern cockpit classroom, giving them the tools they need to succeed in any advanced aircraft.



G1000 NXi

ARCHER SHOWN



SAFETY AND NAVIGATION

Enhanced Automatic Flight Control System (AFCS)*

(AVAILABLE IN SEMINOLE & ARCHER)

The Enhanced Automatic Flight Control System is an advanced AHRS-based system. Originally designed for turbine aircraft, AFCS offers several key safety performance features using precise automation.

Electronic Stability Protection (ESP)

Preventing the onset of stalls, spins, steep spirals, and loss-of-control conditions, this passive feature discourages aircraft operation outside the desired flight envelope.

Automatic Level Mode (Blue Button)

Level Mode is a function that will return the aircraft to a wings level attitude with zero vertical speed at the push of a button. Level Mode will automatically engage the flight director and autopilot functions to return the aircraft to straight and level flight.

Underspeed Protection (USP)

Underspeed protection prevents the airplane from stalling when the Autopilot is engaged. If the power setting and Autopilot modes slow the airplane below a preselected speed, the airplane will lower the nose to maintain a safe airspeed and prevent a stall.

Coupled Go Around

As part of the AFCS a Coupled Go Around is possible without disengaging the autopilot. This feature works by pressing the TOGA button while the AP is engaged. As the pilot advances the throttles, the autopilot will remain engaged and follow the pitch attitude commanded by the flight director display.

**Requires GFC 700 Autopilot*



SEMINOLE

ENGINES

(2) Lycoming IO-360-B1G6
Horsepower: 180 hp each
Number of Cylinders: 4

PROPELLERS

Hartzell Scimitar 2-Blade:
Constant Speed | Full-Feathering

WEIGHTS

Maximum Takeoff Weight: 3,800 lbs | 1,724 kg
Maximum Ramp Weight: 3,816 lbs | 1,731 kg
Standard Empty Weight: 2,625 lbs | 1,191 kg
Standard Useful Load: 1,191 lbs | 540 kg

CRUISING SPEED

162 kts | 300 km/h (75% power)

FUEL CAPACITY

108 US gal | 409 liters (Usable)

MAXIMUM RANGE

700 nm | 1,296 km

SERVICE CEILING

15,000 ft | 4,572 m

TAKEOFF DISTANCE

Ground Roll: 1,100 ft | 335 m
Total Over 50 ft Obstacle: 2,200 ft | 671 m

LANDING DISTANCE

Ground Roll: 770 ft | 235 m
Total Over 50 ft Obstacle: 1,490 ft | 454 m

DIMENSIONS

Wingspan: 38 ft 6 in | 11.8 m
Height: 8 ft 6 in | 2.6 m
Length: 27 ft 7 in | 8.4 m

AVIONICS

Garmin G1000 NXi Avionics Suite:

Single 10.4" GDU 1050 PFD, Single 10.4" GDU 1050 MFD, GMA 1360 Digital Audio Panel, GTX 345R Transponder, Garmin G5 Standby, Garmin FliteCharts, Garmin SafeTaxi

OTHER EQUIPMENT

LED Wing Tip Recognition & Tail Strobe Lights, Overhead Air Distribution Blower Fan, USB Charging Ports, Cockpit Stowage Pouches, CO Detector, School Paint Colors with Two Vinyl Trim Colors and Logo

AVIONICS EQUIPMENT OPTIONS

GFC 700 Autopilot
Jeppesen ChartView Enablement
SVT - Garmin Synthetic Vision
TAWS-B (Terrain Awareness and Warning System)
Flight Stream 510 with Connex
GTS 800 Traffic Advisory System
Enhanced AFCS Enablement
GDL 69A SXM Satellite Radio / Weather
FlightCom - Rear Seat PTT
BendixKing KR 87 ADF
BendixKing KN 63 DME
GDL 59 WiFi Data Link
Vision 1000 (Appareo flight monitoring system)
Safe Flight Angle of Attack (AOA) System
Wet Compass

ADDITIONAL OPTIONS

Kelly Aerospace Air Conditioning (After market install)
United Kingdom Lighting Package
AmSafe Seatbelts - Pilot and Co-Pilot Positions
Cargo Net

Additional special options | Quoted upon request



ARCHER TX

ENGINE

Lycoming IO-360-B4A
Horsepower: 180 hp
Number of Cylinders: 4

PROPELLER

Sensenich | 2-Blade | Fixed Pitch

WEIGHTS

Maximum Takeoff Weight: 2,550 lbs | 1,157 kg
Maximum Ramp Weight: 2,558 lbs | 1,160 kg
Standard Empty Weight: 1,688 lbs | 766 kg
Standard Useful Load: 870 lbs | 395 kg

CRUISING SPEED

128 ktas | 237 km/h (75% power)

FUEL CAPACITY

48 US gal | 182 liters (Usable)

MAXIMUM RANGE

522 nm | 967 km

SERVICE CEILING

14,100 ft | 4,298 m

TAKEOFF DISTANCE

Ground Roll: 1,135 ft | 346 m
Total Over 50 ft Obstacle: 1,608 ft | 490 m

LANDING DISTANCE

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

DIMENSIONS

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

AVIONICS

Garmin G1000 NXi Avionics Suite:

Single 10.4" GDU 1050 PFD, Single 10.4" GDU 1050 MFD, GMA 1360 Digital Audio Panel, GTX 345R Transponder, Garmin G5 Standby, Garmin FliteCharts, Garmin SafeTaxi

OTHER EQUIPMENT

LED Wing Tip Recognition & Tail Strobe Lights, Overhead Air Distribution Blower Fan, USB Charging Ports, Cockpit Stowage Pouches, CO Detector, Paint Scheme with Two Vinyl Trim Colors and Logo

AVIONICS EQUIPMENT OPTIONS

GFC 700 Autopilot
Jeppesen ChartView Enablement
SVT - Garmin Synthetic Vision
TAWS-B (Terrain Awareness and Warning System)
Flight Stream 510 with Connex
GTS 800 Traffic Advisory System
Enhanced AFCS Enablement
GDL 69A SXM Satellite Radio / Weather
FlightCom - Rear Seat PTT
BendixKing KR 87 ADF
BendixKing KN 63 DME
GDL 59 WiFi Data Link
Vision 1000 (Appareo flight monitoring system)
Safe Flight Angle of Attack (AOA) System
Wet Compass

ADDITIONAL OPTIONS

PiperAire Air Conditioning
United Kingdom Lighting Package
AmSafe Seatbelt - Pilot and Co-Pilot Positions
Cargo Net
Hot Weather Kit
- Fuel Return
- Mag Booster (Surestart)
- Second Oil Cooler & CHT's

Additional special options | Quoted upon request



ARCHER DX

ENGINE

Continental CD-155
Full Authority Digital Engine Control (FADEC)
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 Empty Weight: 1,764 lbs | 800 kg
Standard Useful Load: 794 lbs | 360 kg

CRUISING SPEED

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

FUEL CAPACITY

48 US gal | 182 liters (Usable)

MAXIMUM RANGE

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

AVIONICS

Garmin G1000 NXi Avionics Suite:

Single 10.4" GDU 1050 PFD, Single 10.4" GDU 1050 MFD, GMA 1360 Digital Audio Panel, GTX 345R Transponder, Garmin G5 Standby, Garmin FliteCharts, Garmin SafeTaxi

OTHER EQUIPMENT

LED Wing Tip Recognition & Tail Strobe Lights, Overhead Air Distribution Blower Fan, USB Charging Ports, Cockpit Stowage Pouches, CO Detector, Paint Scheme with Two Vinyl Trim Colors and Logo

AVIONICS EQUIPMENT OPTIONS

GFC 700 Autopilot
Jeppesen ChartView Enablement
SVT - Garmin Synthetic Vision
TAWS-B (Terrain Awareness and Warning System)
Flight Stream 510 with Connex
GTS 800 Traffic Advisory System
Enhanced AFCS Enablement
GDL 69A SXM Satellite Radio / Weather
FlightCom - Rear Seat PTT
BendixKing KR 87 ADF
BendixKing KN 63 DME
GDL 59 WiFi Data Link
Vision 1000 (Appareo flight monitoring system)
Safe Flight Angle of Attack (AOA) System
Wet Compass

ADDITIONAL OPTIONS

United Kingdom Lighting Package
AmSafe Seatbelt - Pilot and Co-Pilot Positions
Cargo Net

Additional special options | Quoted upon request





ENGINE

Lycoming IO-360-B4A

Horsepower: 180 hp

Number of Cylinders: 4

PROPELLER

Sensenich | 2-Blade | Fixed Pitch

WEIGHTS

Maximum Takeoff Weight: 2,550 lbs | 1,157 kg

Maximum Ramp Weight: 2,558 lbs | 1,160 kg

Standard Empty Weight: 1,590 lbs | 721 kg

Standard Useful Load: 968 lbs | 439 kg

MAX CRUISE SPEED

128 ktas | 237 km/h (75% power)

FUEL CAPACITY

48 US gal | 182 liters (Usable)

MAXIMUM RANGE

522 nm | 967 km

TAKEOFF DISTANCE

Ground Roll: 1,135 ft | 346 m

Total Over 50 ft Obstacle: 1,608 ft | 490 m

LANDING DISTANCE

Ground Roll: 920 ft | 280 m

Total Over 50 ft Obstacle: 1,400 ft | 427 m

DIMENSIONS

Wingspan: 35 ft 6 in | 10.8 m

Height: 7 ft 3 in | 2.2 m

Length: 24 ft | 7.3 m

AVIONICS

Garmin G3X Touch™:

Single 10.6" PFD with Connex[®] technology, configurable as a split screen PFD/MFD

AVIONICS EQUIPMENT

Garmin G5 Standby

GFC500 Autopilot with Electronic Stability Protection

GNX 375 2" Touchscreen Nav/Xpndr w/ADS B In & Out

GNC 255A NAV/Comm Radio

GTR 20 2nd VHF COM Radio

GMA 245R Remote Audio Panel w/Bluetooth

Moving Map, Terrain, Obstacle, and Traffic Alerts, Synthetic Vision,

Airport Directory, Flight Data Logging

Wet Compass

STANDARD EQUIPMENT

USB Charging Ports

LED Wing Tip Lights

Pilot, Co-Pilot, and Observer Seat with Headset Jacks and PTT

Vinyl Floor Covering

School Color Scheme with two Vinyl Trim Colors and Logo

Hot Weather Fuel Return System

ADDITIONAL OPTIONS

Am-Safe Seatbelts

ESP Disconnect at startup

Additional special options | Quoted upon request