



NZAERO

CT4 AIRTRAINER

OUTPERFORMS ALL OTHERS

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CT4 AIRTRAINER

The best ab-initio training aircraft available, the CT-4E Air Trainer is a two seat, single-engine, low wing, all metal, fully aerobatic monoplane with a strong fixed tricycle undercarriage. The aircraft is powered by a Lycoming AEIO-540-L1B5 series six cylinder engine (300HP) driving a Hartzell three blade propeller.

A spacious cockpit contains side-by-side seating designed for back pack parachutes, dual engine and propeller control levers, dual control columns, and full glass instrumentation. The lifting canopy is jettisonable and has ample room to allow for the use of helmets.

With a fatigue life of up to 14,000 hours, the CT-4E Air Trainer will give you more flight hours for less cost. The CT-4E Air Trainer is extremely suitable as a primary trainer meeting both basic and advanced training requirements.

Design requirements used are Federal Aviation Agency Part 23, for aerobatic aircraft and also meet British Military AVP970 in many respects.

Simple, robust construction methods, and well-tried materials allow easy maintenance and repair under service conditions.

The CT-4E Air Trainer is arguably the most versatile and competitive basic training aircraft on the market today. It out-performs comparable aircraft in similar price ranges in climb, speed, turn, rate of roll, endurance and payload.



NZAERO

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> WEIGHTS (Basic Fit, Hartzell Propeller)

Basic Empty Weight	1,700 lb	770 kg
Maximum Gross Weight	2,600 lb	1,180 kg
Maximum Landing Gross Weight	2,600 lb	1,180 kg
Stowage Capacity (Utility Category)	170 lb	77 kg
Stowage Capacity (Aerobatic Category)	100 lb	45 kg

> PERFORMANCE

ISA, Nil Wind, 2 Pilots

Take-off Ground Roll	600 ft	182 m
Landing Run	553 ft	169 m
Rate of Climb	1,830 ft/min	558 m/min
Service Ceiling	18,200 ft	5,547 m

> AIR SPEEDS

Max Speed	209 kias	387 km/h
Stall Speed (Full Flap)	54 kias	100 km/h
Max. Manoeuvring Speed	148 kias	274 km/h
Maximum Structural Cruise	149 kias	276 km/h

> ENGINE

Textron Lycoming AEIO-540-L1B5	300 hp @ 2700 rpm
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> FUEL

Avgas

> SPECIFICATIONS

Aerobatic	Full
Seating	2 (side-by-side)
G Limits	+6g to -3g
Avionics	Garmin
Refuel	Overwing
Jettisonable Canopy	Yes
Parachutes for Crew	Yes

> EXTERNAL DIMENSIONS

Areas

Wing Gross	129 sq ft
Flaps	22.60 sq ft
Ailerons	11.56 sq ft
Tailplane (with Elevators)	16.24 sq ft
Elevator	16.70 sq ft
Fin & Rudder (Area above fuselage)	12.69 sq ft

> INTERNAL DIMENSIONS

Areas

Cabin Inside Width	3.64 ft	1.11 m
Cabin Inside Length	8.93 ft	2.72 m
Cabin Inside Height	3.83 ft	1.17 m