



01 / SYSTEM OVERVIEW

LASTA

LASTA basic trainer aircraft



FIG 01 PRODUCT CONFIGURATION

320 km/h

MAXIMUM LEVEL SPEED AT SEA LEVEL

1205 kg

MAXIMUM TAKE-OFF MASS

FAR Part 23

AIRWORTHINESS STANDARD

**Aerobatic; +6.0 /
-3.0**

BASIC VERSION CATEGORY / LOAD LIMITS

01.1 / OVERVIEW

A fully aerobatic piston-engine aircraft for initial and basic pilot training, with low take-off and landing speeds and an error-forgiving design, built to FAR Part 23 aerobatic-category loads in its basic version and utility-category loads in its armed version.

TYPE

Aircraft

PROCUREMENT AND COMPLIANCE

Supply is exclusively for government and institutional end-users. Availability is subject to destination screening, a state-issued export licence and a verified End-User Certificate.



TECHNICAL DATA

LASTA / WEAPON SYSTEM

DIMENSIONS AND MASS

Maximum take-off mass	1205 kg
Landing mass	1118 kg
Dry mass with equipment	903 kg
Overall length	7.96 m
Overall height	2.99 m

PERFORMANCE AND OPERATION

Maximum level speed at sea level	320 km/h
Stall speed, flaps down, idle	105 km/h
Maximum rate of climb at sea level	8.8 m/s
Maximum roll rate	22 deg/s



TECHNICAL DATA

LASTA / WEAPON SYSTEM

ADDITIONAL TECHNICAL DATA

Airworthiness standard	FAR Part 23
Basic version category / load limits	Aerobatic; +6.0 / -3.0
Armed version category / load limits	Utility; +4.4 / -1.8
Wing span	9.70 m
Distance between wheels	2.25 m
Wing surface area	12.9 m2
Service ceiling	6500 m
Ground run on concrete runway	240 m
Take-off distance to 15 m	430 m
Landing distance from 15 m	540 m
Landing run on concrete runway	270 m
Endurance	3.5 hours
Engine	Lycoming AEIO-540-L1B5D
Engine configuration	Six-cylinder flat engine, direct fuel injection, air cooled and designed for aerobatics
Maximum continuous output	220 kW at sea level and 2700 rpm
Propeller	Hartzell twin-blade propeller