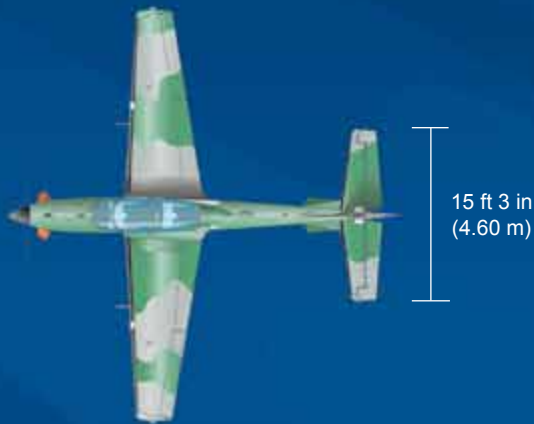


Super
Tucano 



 **EMBRAER**
Defense Systems

Super
Tucano



The Super Tucano is the perfect blend of basic/advanced training and precision light attack capabilities in a single turboprop aircraft. This single-engine, stepped-tandem, multi-purpose military turboprop delivers both training and operational effectiveness at low acquisition and operating costs.

Training Master

The outstanding flying qualities, together with a modern and friendly Human Machine Interface, provide a superior training capability.

The 4th generation avionic system features a complete and customized synthetic training package, which includes a Virtual Radar, Weapons Delivery and Electronic Warfare Simulation, among other features. The simulated environment can be managed from a ground station through an embedded data link system, or from the instructor station.

Find, Fix and Finish Your Target, Day or Night

Precision, survivability, persistence – these are the key factors that make the Super Tucano the best light attack platform in the market.

Armed with a weapons system that incorporates state-of-the-art technology, the Super Tucano delivers outstanding precision for even non-guided weapons.

Weights

Empty weight	3,200 kg / 7,055 lb
Max. takeoff weight	5,400 kg / 11,905 lb
Payload (external loads / stores)	1,550 kg / 3,420 lb

Performance

Max. level speed (clean)	590 km/h / 320 ktas
Cruise speed	520 km/h / 280 ktas
Stall speed	148 km/h / 80 ktas
Service ceiling	10,665 m / 35,000 ft
Ferry range – internal fuel	1,445 km / 780 nm
Ferry range – with external tanks	2,855 km / 1,540 nm
Endurance – internal fuel	3.4 hours
Endurance – with external tanks	8.4 hours
Takeoff field length	900 m / 2,950 ft
Landing field length	860 m / 2,820 ft

Airframe

G-limits	7g / -3.5 g
Pressurization	5.0 psi
Ejection seats	Martin-Baker Mk 10
Fatigue life	12,000 hours (typical combat) 18,000 hours (typical training)
Windshield	Resistant to impacts from 4 lb birds at 300 ktas