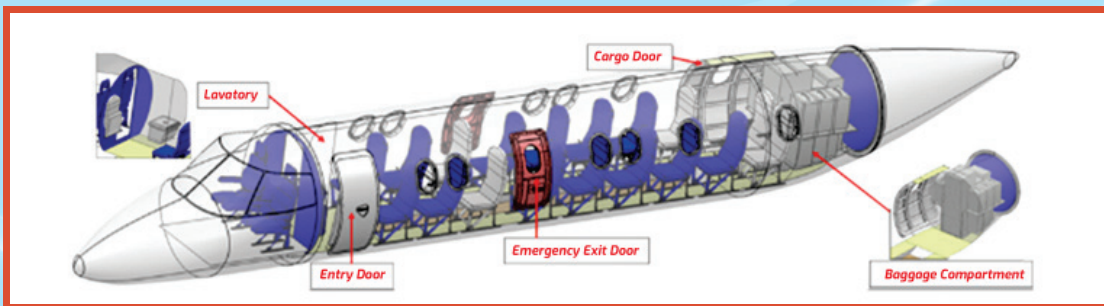


SARAS MK 2



Features

- ◆ 19 Seat Multi- Role Light Transport Aircraft
- ◆ Ideal for Commuter connectivity under UDAAN Scheme for variety of applications like Air Taxi, Executive Transport, Light Package Carrier, Border Patrol, Air Ambulance, Other Community Services
- ◆ Low cabin noise (<80 db)
- ◆ Operable from semi-prepared runways
- ◆ Operable from hot and high altitude airfields
- ◆ Designed to meet FAR-23 requirements



Avionics system

- ◆ Full glass cockpit: EFIS-Four PFD/ ND/ MFDs
- ◆ Comm/Nav suite: VHF-VOR and radio, ADF, DME, ILS
- ◆ TAWS- Terrain Avoidance Warning System
- ◆ FMS: Flight Management System
- ◆ TCAS: Traffic Collision Avoidance System
- ◆ Auto pilot and Weather Radar

Power plant

SARAS is powered by two Pratt and Whitney Canada PT6A-67A turbo-prop engines (flat rated to 1200 shp) driving 2.6 m diameter 5 bladed constant speed propellers at 1700 rpm in a Tractor configuration.

Main dimensions

Span : 18 m (59.05 ft)
Length : 17.3 m (56.8 ft)
Height : 5.5 m (18 ft)

Weights

Max. take-off	: 7600 kg (16755 lb)
Operating empty wt.	: 5100 kg (11244 lb)
Max. fuel weight	: 1832 kg (4039 lb)
Max. pay load	: 1710 kg (3770 lb)

Performance (ISA)

Take-off distance	: 820 m (2690 ft)
Landing distance	: 665 m (2182 ft)
Max. rate of climb	: 10 m/s (1980 ft/min)
Max. range* (19 pax)	: 750 km (405 nm)
Max. range* (10 pax)	: 2350 km (1270 nm)
Ferry range*	: 2400 km (1295 nm)
Max. cruise speed	: 485 km/hr (260 Kts)
Endurance	: 6 hours

* With 45 min reserve



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