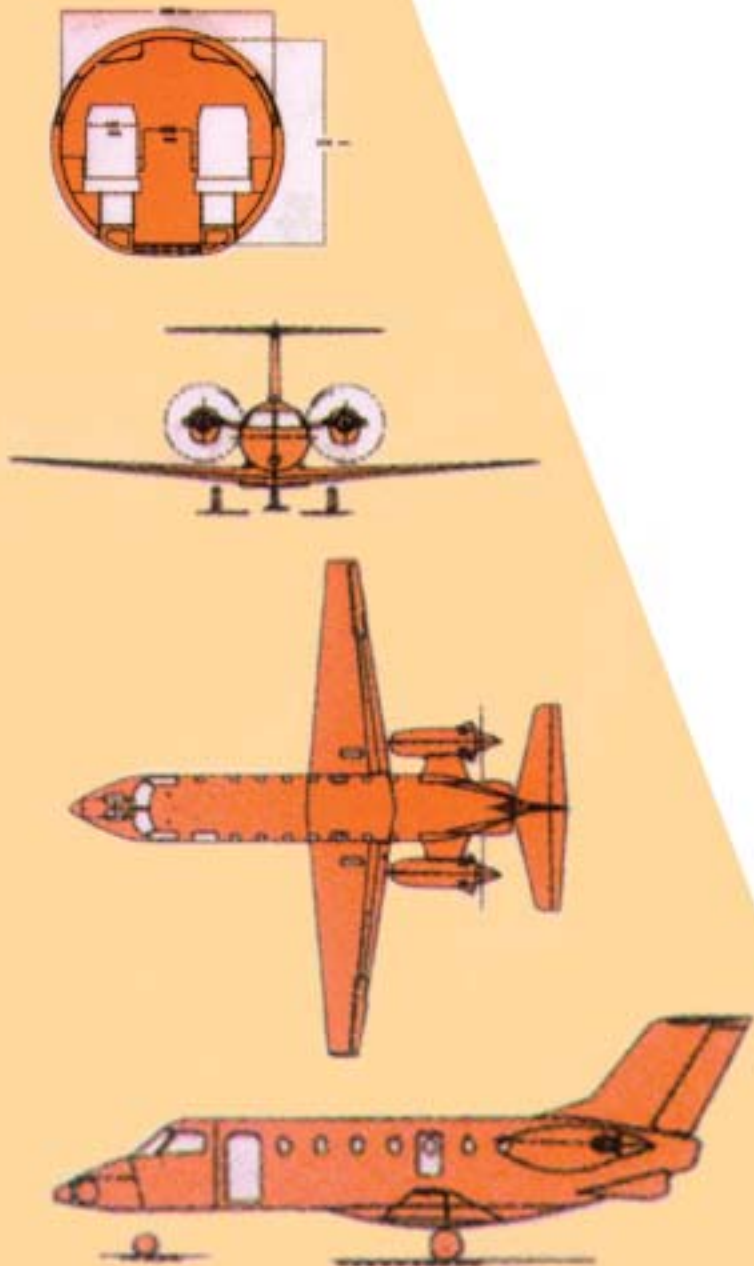




SARAS

NAL, Bangalore

SARAS



SARAS is a multi-role light transport aircraft ideal for executive transport, light package carrier, remote sensing, aerial research services, coast guard, border patrol, air ambulance and other community services

Overall dimension

→ Length	:	15.018 m
→ Wing span	:	14.70 m
→ Height	:	5.22 m

Cabin dimensions

→ Standing height	:	1.72 m
→ Width	:	1.8 m
→ Length	:	7.74 m

Comfort factor

→ $W \times H^2 \times L^{1/2}$:	14.8
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Salient features

- Multi-role capability
 - Commuter transport (14 seats)
 - Executive transport (6 - 8 seats)
 - Air ambulance
 - Aerial research
 - Courier / light package transport
 - Coast guard / border surveillance
- Rear fuselage mounted twin turbo-props
- Pressurised cabin
- Operability for semi-prepared airstrips
- Cabin comfort comparable to regional aircraft
- Low cabin noise

Estimated performance of production standard aircraft

→ Max. speed	:	550 km / h
→ Econ. cruise speed	:	450 km / h
→ Cruise altitude	:	7500 m
→ T.O. distance to clear 15 m height, ISA, SL	:	700 m
→ Landing distance from 15 m, height, ISA, SL	:	850 m
→ Max. range	:	2000 km
→ Range with full payload	:	900 km

For more information contact: Director, National Aerospace Laboratories
PB 1779, Bangalore 560 017, India.