

# HANSA-3



## Features

- All composite aircraft Certified by DGCA under FAR 23 via JAR-VIA
- Suitable for ab-initio flying training, sport and hobby flying
- Provided with a lightning protection scheme
- Suitable for VFR and night flight operations

## Status

- Total number of hours logged by HANSA - 3800 hours
- One prototype and fourteen production standard aircraft have been built
- Presently flying in 6 flying clubs across India

## Geometry

Overall length	7.60 m	(25 ft)
Overall height	2.61 m	(8.5 ft)
Wing span	10.47 m	(34.35 ft)
Wing area	12.47 m <sup>2</sup>	(41 ft <sup>2</sup> )
Cabin width	1.07 m	(3.5 ft)

## Weight

Empty weight (Night operations with lightning protection)	550 kg (1212 lb)
All-up-weight	750 kg (1653 lb)
Useful load (including fuel)	200 kg (441 lb)
Usable fuel capacity	85 ltr

## Electrical system

12 V, 18 Ah maintenance free battery  
14 V, 40 A external generator

## Power plant

Rotax 914F3 (Turbocharged engine with a 100 bhp max continuous power @ 5500 rpm and 115 bhp @ 5800 rpm)

## Propeller

Two blade constant speed Hoffmann propeller of 173 cm (68 inch) diameter

## Performance

Take-off distance	413 m (1355 ft)
Landing distance	540 m (1770 ft)
Max rate of climb	198 m/min (650 ft/min)
Max cruise speed	178 km/hr (96 KIAS)
Stall speed (with flaps 20°)	87 km/hr (47 KIAS)
Endurance	4 hr

## Instruments/Avionics

Airspeed indicator, altimeter, vertical speed indicator, artificial horizon, directional gyro, turn coordinator, outside air temperature, magnetic compass, volt/ammeter and indicators for RPM, manifold pressure, oil pressure, oil temperature and cylinder head temperature, Bendix king KX-125 NAV/COM, intercom, emergency locator transmitter (ELT) (GPS Optional for VFR and night flight operations)