



## De Havilland DH-82A VH-BCI AIRCRAFT SPECIFICATIONS

### Airspeeds for Normal Operations

#### Take off & Landing Speeds

Rotate Speed (Vr)	43kts	Normal Approach	60kts
Best Glide Speed	60kts	Max Crosswind	10kts

#### General Speeds

Never Exceed (Vne)	139kts	Normal Climb	60kts
Normal Cruise TAS	80kts	Level Stall Speed (Vs)	40kts

#### Fuel & Oil

Fuel Type	100LL or 100/130 Avgas & Mogas	Engine Type and Horsepower	Gipsy Major 130BHP @ 2350RPM
Maximum Fuel	86 litres	Oil Grade	Aero W100
Max Useable Fuel	86 litres	Maximum Oil	Full
Fuel Consumption	33 Litres/Hour	Minimum Oil	1/2

**\*\*Note: 100LL Avgas is BLUE in colour and 100/130Avgas is GREEN\*\***

#### Performance

Basic Empty Weight	592 Kg	Maximum Power	2300 RPM
Max Take off Weight (Normal)	827 kg	Climb Power	Full RPM
Max Landing Weight (Acrobatic)	802 kg	Normal Cruise	1950 RPM

**\*\* Note: Max Load with Full Fuel: 173kg \*\***