

## A 210

# Specification & Performance



### Engine

Bombardier Rotax 912S	
Cylinders	4
max. Takeoff power	100 hp
max. Continuous power	95 hp
TBO	1,500 hrs

### Propeller

2-Blade Constant-Speed, hydraulically controlled  
mt-propeller MTV-21-A/175-05

### Dimensions

Lenght	7.3 m	24 ft
Hight	2.3 m	7.5 ft
Wingspan	10.3 m	33.8 ft
Wing area	10.5 m <sup>2</sup>	113 sqft
Cabin width	1.2 m	47.24 in
Baggage compartment	500 ltr	18 cuft

### Performance and Airspeeds

Max. Speed	165 kts	305 km/h
max. Level speed, MSL	130 kts	240 km/h

	75%, 5.000ft, ISA		55%, 5.000ft, ISA	
Speed (TAS)	121 kts	224 km/h	103 kts	191 km/h
Range (+ 45 min Res.)	535 NM	990 km	620 NM	1,150 km
Endurance (+ 45 min Res.)	4:30 hrs		6:05 hrs	
Fuel-Flow	21.5 ltr/h	5.7 gph	16.6 ltr/h	4.36 gph
Stallspeed clean V <sub>S1</sub>	50 ks	93 km/h		
Stallspeed in landing configuration V <sub>S0</sub>	43 kts	80 km/h		
max. demonstrated crosswind	15 kts	28 km/h		
Rate of climb, sea level	750 ft/min	3.8 m/s		
Service ceiling	14,500 ft	4,450 m		

### Weight and Capacities

Empty weight, typical	490 kg	1,080 lb
max. Takeoff weight	750 kg	1,654 lb
Useful load	260 kg	574 lb
max. Baggage Weight	40 kg	97 lb
max. Wing loading	71.5 kg/m <sup>2</sup>	16.6 lb/sqft
Seats	2	
Fuel capacity	2 x 60 ltr	2 x 16 gal (US)
100LL, premium 95Oct. unl.		

### Takeoff and Landing Distances

Takeoff distance, ground roll	250 m	820 ft
Takeoff distance over 50 ft obstacle	470 m	1,540 ft
Landing distance, ground roll	200 m	560 ft
Landing distance over 50 ft obstacle	500 m	1,640 ft

