

MOONEY M20V ACCLAIM ULTRA

GENERAL

SEATS

4

LENGTH

26 ft 8 in

WIDTH

36 ft 6 in

HEIGHT

8 ft 4 in

LANDING GEAR

Retractable

AVIONICS

G1000 NXi / GFC 700

ELECTRONIC CHARTS

Jeppesen PilotPak - Initial Subscription

PERFORMANCE

TAKE-OFF DISTANCE

2,100 ft (isa, sl, mtow, 50 ft obstacle)

LANDING DISTANCE

2,650 ft (isa, sl, mlw, 50 ft obstacle)

MAXIMUM RATE OF CLIMB

1,375 fpm

MAXIMUM ALTITUDE

25,000 ft

MAXIMUM CRUISING SPEED

242 ktas

RANGE - HIGH SPEED

830 nm*

LONG RANGE CRUISING SPEED

175 ktas

RANGE - LONG RANGE CRUISE

1,275 nm**

* 45 min reserve, isa, no wind, 25,000 ft

** 45 min reserve, isa, no wind, 16,000 ft

PROPULSION

ENGINE

Continental TSIO-550-G

HORSEPOWER

280 hp - Intercooled Twin-Turbo

ENGINE TBO

2,200 hrs

PROPELLER

Hartzell Scimitar Three-Blade

FUEL

FUEL TYPE

100LL

FUEL CAPACITY

100 usg

WEIGHT

TYPICAL USEFUL LOAD

975 lbs

MAXIMUM RAMP WEIGHT

3,380 lbs

MAXIMUM TAKE-OFF WEIGHT

3,368 lbs