



Grumman Cougar GA7

VMC	61 kts
VYSE	85 kts
VX	81 kts
VY	95 kts 100 KIAS recommended for cruise climb
VS1	71 kts
VSO	63 kts
VNE	191 kts
VNO	160 kts
VA 3800 lbs	120 kts
VA 2800 lbs	105 kts
VFE 10 deg	145 kts
VFE 30 deg	110 kts
VLE	145 kts
VLO G/retract	115 kts
VLO G/extend	145 kts
Max X wind demo	15 kts

Approach 30 deg flap	75-80 kts
0 deg flap	80-85 kts

Fuel Capacity 118 gal (114gal usable)
Fuel Required 100 LL . Two (2) independent 59 Gal tanks (57 Gal usable) with X feed capability.

Engines AVCO Lycoming O-320-D1D 160 hp
Max Engine Speed 2700 RPM

Propellers Hartzell Hc-F2yl-2UF/FC7663D-3 min 72"mx 73"
Constant Speed

Max T/O Gross Weight 3800 lbs Empty Weight 2569 lbs
Electrical Power 14 Volt DC system, 12 Volt 23 amp/hr Battery.
Two (2) Engine Driven Alternators (60 amps each).