



CESSNA C182 Q

NEVER EXCEED SPEED (V_{NE})	179 KTS
MAX STRUCTURAL CRUISING SPEED (V_{NO})	143 KTS
MANOEUVERING SPEEDS (V_A)	111 KTS @ 1341 KGS
	100 KTS @ 1114 KGS
	89 KTS @ 886 KGS
PLANNING TAS	130 KTS
MAX FLAP EXTENSION (V_{FE})	10° 140 KTS
	10° to 40° 95 KTS
BEST GLIDE SPEED	70 KTS
ENROUTE CLIMB	90 KTS
23" 2400 RPM – Cowl Flaps Open (FIXED open in PKA) and Keep CHT 2/3 Green	
AFTER TAKEOFF CLIMBOUT	80 KTS
BEST ANGLE OF CLIMB (V_X)	54 KTS
BEST RATE OF CLIMB (V_Y)	78 KTS
SHORTFIELD TAKE OFF SPEED (10° FLAP)	57 KTS @ 50 FEET
BASE SPEED	75 KTS
FINAL APPROACH SPEED (40° FLAP)	65 KTS
FLAPLESS APPROACH SPEED	75 KTS
STALL SPEED (FLAPS DOWN)	45 KTS
STALL SPEED (FLAPS UP)	48 KTS
USABLE FUEL (VH-TRE)	334 LTS
USABLE FUEL (VH-PKA)	285 LTS
PLANNED FUEL CONSUMPTION	50 LTS/HR
OIL CAPACITY	10 - 12 QTS



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MAX TAKE OFF WEIGHT 1340 KGS
BASIC EMPTY WEIGHT (VH-TRE) 872.98 KGS
BASIC EMPTY WEIGHT (VH-PKA) 868.8 KGS
MAX BAGGAGE COMPARTMENT LOAD..... 90 KGS
MAX CROSSWIND COMPONENT TAKEOFF – 20 KTS; LANDING – 15 KTS
MAX CONTINUOUS POWER 2700 RPM
STATIC RPM 2300 - 2400 RPM

Note: Redcliffe Aero Club Advisory Information Only. ALL pilots should refer to pilots operating handbook for full and correct data.