REDCLIFFE AERO CLUB

CESSNA C172 S

NEVER EXCEED SPEED (Vne)	163 KTS
MAX STRUCTURAL CRUISING SPEED (Vno)	129 KTS
MANOEUVERING SPEEDS (Va)	105 KTS @ 1156 KGS
	98 KTS @ 1000 KGS
	90 KTS @ 863 KGS
PLANNING TAS	115 KTS
MAX FLAP EXTENSION (Vfe) 10°	110 KTS
10° to 30°	85 KTS
BEST GLIDE SPEED	68 KTS
ENROUTE CLIMB	80 KTS
AFTER TAKEOFF CLIMBOUT	75 KTS
BEST ANGLE OF CLIMB (Vx)	62 KTS
BEST RATE OF CLIMB (Vy)	74 KTS
SHORTFIELD TAKE OFF SPEED (10° FLAP)	56 KTS @ 50 FEET
FINAL APPROACH SPEED (30° FLAP)	65 KTS
BASE SPEED	75 KTS
FLAPLESS APPROACH SPEED	70 KTS
STALL SPEED (FLAPS DOWN)	40 KTS
STALL SPEED (FLAPS UP)	48 KTS
USABLE FUEL	201 LTS
TOTAL FUEL CAPACITY	213 LTS
PLANNED FUEL CONSUMPTION	40 LTS/HR
OIL CAPACITY	6 - 8 QTS
MAX TAKE OFF WEIGHT	1156 KGS
BASIC EMPTY WEIGHT	YRE 807 KGS // RAQ 782.4 KGS // SPP 764.5 KGS // SPQ 772.5 KGS
MAX CROSSWIND COMPONENT	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.