



REDCLIFFE AERO CLUB

CESSNA C152 VH-IVW

NEVER EXCEED SPEED (Vne)	149 KTS (BUQ)	172 KTS (IVW)
MAX STRUCTURAL CRUISING SPEED (Vno).....	111 KTS (BUQ)	125 KTS (IVW)
MANOEUVERING SPEEDS (Va)	757 KG	104 KTS (BUQ) 108 KTS (IVW)
.....	681 KG	98 KTS (BUQ) 98 KTS (IVW)
.....	613 KG	93 KTS (BUQ) 93 KTS (IVW)
PLANNING TAS.....		95 KTS
MAX FLAP EXTENSION (Vfe) 10° to 30°		85 KTS
BEST GLIDE SPEED		60 KTS
ENROUTE CLIMB		70 KTS
AFTER TAKEOFF CLIMBOUT.....		70 KTS
BEST ANGLE OF CLIMB (Vx).....		55 KTS
BEST RATE OF CLIMB (Vy)		67 KTS
SHORTFIELD TAKE OFF SPEED		54 KTS @ 50 FEET
FINAL APPROACH SPEED (30° FLAP).....		65 KTS
BASE SPEED		75 KTS
FLAPLESS APPROACH SPEED		70 KTS
STALL SPEED (FLAPS DOWN)		35 KTS
STALL SPEED (FLAPS UP).....		40 KTS
USABLE FUEL.....		92 LTS
TOTAL FUEL CAPACITY		98 LTS
PLANNED FUEL CONSUMPTION.....		25 LTS/HR
OIL CAPACITY		4 - 6 QTS
MAX TAKE OFF WEIGHT		757 KGS
BASIC EMPTY WEIGHT	530 KGS (BUQ)	545 KGS (IVW)
MAX CROSSWIND COMPONENT		15 KTS
RUN UP		1700 RPM
MAX RPM DROP PER MAG		125 RPM
MAX DIFFERENCE BETWEEN L/R MAGS		50 RPM
STATIC RPM		2280 - 2380 RPM

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