

REDCLIFFE AERO CLUB

CITABRIA 7GCAA VH-ZCA



NEVER EXCEED SPEED (Vne)	162 MPH
MAX STRUCTURAL CRUISING SPEED (Vno).....	50 – 120 MPH
MANOEUVERING SPEEDS (Va)	120 MPH @ 1750 LBS
PLANNING TAS.....	125 MPH
BEST GLIDE SPEED	60 MPH
ENROUTE CLIMB	80 MPH
AFTER TAKEOFF CLIMBOUT.....	75-80 MPH
BEST ANGLE OF CLIMB (Vx).....	58 MPH
BEST RATE OF CLIMB (Vy)	77 MPH
SHORTFIELD TAKE OFF SPEED	50-55 MPH
FINAL APPROACH SPEED	60 MPH
BASE SPEED	70 MPH
STALL SPEED	52 MPH
USABLE FUEL.....	133 L
PLANNED FUEL CONSUMPTION.....	36 LPH
OIL CAPACITY	6 QUARTS
MAX TAKE OFF WEIGHT	795 KG
BASIC EMPTY WEIGHT	562 KG
MAX CROSSWIND COMPONENT	10 KTS
POSITIVE LOAD FACTOR MAXIMUM	+5.0 G'S
NEGATIVE LOAD FACTOR MAXIMUM	-2.0 G'S
ENTRY SPEEDS	
LOOP	140 MPH
BARRELL ROLL	120 MPH