



CESSNA C182 T

NEVER EXCEED SPEED (Vne)	175 KTS
MAX STRUCTURAL CRUISING SPEED (Vno)	140 KTS
MANOEUVERING SPEEDS (Va)	110 KTS @ 1406 KGS
.....	101 KTS @ 1179 KGS
.....	91 KTS @ 953 KGS
PLANNING TAS.....	135 KTS
MAX FLAP EXTENSION (Vfe) (10°, 20°, 30°)	140, 120, 100 KTS
BEST GLIDE SPEED (3100lbs, 2600lbs, 2100lbs)	76, 70, 58 KTS
ENROUTE CLIMB	85 - 95 KTS
AFTER TAKEOFF CLIMBOUT (FLAP 0°)	80 KTS
BEST ANGLE OF CLIMB (Vx).....	65 KTS
BEST RATE OF CLIMB (Vy)	80 KTS
SHORTFIELD TAKE OFF SPEED (20° FLAP)	58 KTS @ 50 FEET
BASE SPEED	80-85 KTS
FINAL APPROACH SPEED (40° FLAP)	70 KTS
FLAPLESS APPROACH SPEED	80 KTS
STALL SPEED (FLAPS DOWN)	41 KTS
STALL SPEED (FLAPS UP).....	51 KTS
USABLE FUEL (VH-ROC).....	330 LTS
PLANNED FUEL CONSUMPTION.....	50 LTS/HR
OIL CAPACITY	4 - 8 QTS
MAX TAKE OFF WEIGHT	1406 KGS
MAX LANDING WEIGHT.....	1338 KGS
BASIC EMPTY WEIGHT (VH-ROC).....	957.1 KGS
MAX BAGGAGE COMPARTMENT LOAD (A, B & C).....	90 KGS
MAX CROSSWIND COMPONENT	TAKEOFF – 15 KTS; LANDING – 15 KTS