

CHEROKEE PA-28-180

TAKEOFF

MAX CROSSWIND _____ KTS

FLAPS SETTING NORMAL _____ SHORT/SOFT _____ OBSTACLE _____

ROTATION SPEED _____ TO _____ MPH

CLIMB SPEEDS

BEST ANGLE (V_x) _____ MPH

BEST RATE ((V_y) _____ MPH

CRUISE CLIMB _____ MPH

RATE OF CLIMB @ SL _____ FEET PER MINUTE

LANDING

MAX CROSSWIND _____ MPH

FLAPS 0 _____ MPH

FLAPS 10 _____ MPH

FLAPS 25 _____ MPH

FLAPS 40 _____ MPH

TD SPEED _____ TO _____ MPH

GENERAL INFORMATION

MAX RPM _____ RPM

FLAPS SETTINGS _____, _____, _____, _____ DEGREES

T/O DIST 0 FLAP @ SL _____ FT

CLEAR 50 FT OBSTACLE CLEARANCE _____ FT

T/O DIST 25 FLAP @ SL _____ FT

CLEAR 50 FT OBSTACLE _____ FT

LDG DIST 40 FLAP @ SL _____ FT

CLEAR 50 FT OBSTACLE 1300 FT _____ FT

AIRSPEED LIMITATIONS CAS

NEVER EXCEED (VNE) _____ MPH (RED LINE)
 MAX STRUCTURAL CRUISING SPEED (VNO) _____ MPH
 MAX SPEED FLAPS EXTENDED (VFE) _____ MPH
 MANEUVERING SPEED (VA) _____ MPH
 WHITE ARC (FLAPS DOWN) _____ TO _____ MPH
 GREEN ARC (NORMAL OPERATING RANGE) _____ TO _____ MPH
 YELLOW ARC (CAUTION) _____ TO _____ MPH

WEIGHTS

MAX GROSS _____ LBS
 APPROX EMPTY WEIGHT _____ LBS
 APPROX USEFUL LOAD _____ LBS
 WITH FULL FUEL _____ LBS
 MAX BAGGAGE WEIGHT _____ LBS

STALLS (Power off, Gross Weight, IAS MPH)

Bank Angle	0	20	40	60
Flaps 0				
Flaps 40				

CRUISE

75% Power @ 5K Ft _____ MPH
 65% Power @ 7K Ft _____ MPH

CAPACITY

FUEL (100LL)

TOTAL CAPACITY

Main Tanks _____ GAL (US) / _____ LBS / _____ LITRES
 Fuel Useable _____ US GAL
 FUEL GRADE _____ LL

FUEL FLOW % POWER GPH(US) (Density Alt 7,000 ft)

75% _____

65% _____

55% _____

OIL MAXIMUM MINIMUM
 _____ QTS _____ QTS

PRECAUTIONARY LANDING

TYPE OF APPROACH (NORMAL, STEEP, LOW) _____.

SPEED UNTIL LANDING ASSURED _____ MPH

FORCED LANDING

MAX GLIDE _____ MPH (1.3NM PER 1000FT)

APPROACH SPEED _____ MPH (LANDING ASSURED)