

**UTILITY CATEGORY ONLY**  
ACROBATIC MANEUVERS ARE LIMITED TO THE FOLLOWING:  
ENTRY SPEED  
SPINS (FLAPS UP) 129 MPH  
STEEP TURNS 129 MPH  
LAZY EIGHTS 129 MPH  
CHANDLLES 129 MPH

**LANDING CHECKLIST**  
FUEL ON PROPER TANK  
MIXTURE RICH  
ELEC. FUEL PUMP ON  
FLAPS DOWN - 115 MPH

**TAKEOFF**  
CONTROLS FREE  
FUEL ON PROPER TANK  
ELECTRIC FUEL PUMP ON  
CARBURETOR HEAT OFF  
MIXTURE RICH  
FLAPS - SET  
ENGINE GAGES CHECKED  
TAB SET  
DOOR LATCHED

**UTILITY CATEGORY OPERATION**  
NO BAGGAGE ALLOWED OR AFT PASSENGERS

**NORMAL CATEGORY OPERATION**  
SEE PILOTS OPERATING HANDBOOK  
WEIGHT AND BALANCE SECTION FOR BAGGAGE  
AND AFT PASSENGER LIMITATIONS  
58955-171

DO NOT OPEN THE THROTTLE RAPIDLY.  
(IDLE TO FULL THROTTLE IN 2 SECONDS MINIMUM.)

AFTER 5 MIN.  
REDUCE POWER  
TO 2650 RPM  
58955-171

WARNING: FUEL GAUGES MAY  
INDICATE AS MUCH AS 2 1/2 GALLONS  
IN ERROR WITH  
WHEN TANKS ARE EMPTY

THIS AIRPLANE MUST BE OPERATED AS A NORMAL OR UTILITY CATEGORY AIRPLANE IN COMPLIANCE WITH THE OPERATING LIMITATIONS STATED IN THE FORM OF PLACARDS, MARKINGS AND MANUALS.  
ALL MARKINGS AND PLACARDS ON THIS AIRPLANE APPLY TO ITS OPERATION AS A UTILITY CATEGORY AIRPLANE.  
FOR NORMAL AND UTILITY CATEGORY OPERATIONS, REFER TO THE AIRPLANE FLIGHT MANUAL.  
FOR SPIN RECOVERY, USE FULL RUDDER AGAINST SPIN FOLLOWED BY FORWARD WHEEL.  
NO ACROBATIC MANEUVERS (INCLUDING SPINS) ARE APPROVED FOR NORMAL CATEGORY OPERATIONS

MAXIMUM BAGGAGE THIS COMPARTMENT 100 LBS.  
SEE THE LIMITATIONS SECTION OF  
THE AIRPLANE FLIGHT MANUAL

MAXIMUM BAGGAGE THIS COMPARTMENT 125 LBS.  
SEE THE LIMITATIONS SECTION OF  
THE AIRPLANE FLIGHT MANUAL

Cherokee 140	MPH	KIAS
VNE	= 171	148
VNO	= 140	121
VX	= 74	64
VY	= 85	74
VFE	= 115	100
VS	= 63	55
VSO	= 54	47
GLIDE	= 80	70

Cherokee 180	MPH	KIAS
VNE	= 171	148
VNO	= 140	112
VX	= 74	66
VY	= 85	74
VFE	= 115	100
VS	= 57	50
VSO	= 50	44
GLIDE	= 85	74

**ALTERNATE STATIC SOURCE**  
ALL CABIN VENTS AND STORM WINDOW MUST BE CLOSED.  
HEATER AND DEFROSTER MUST BE ON. PULL AFT TO OPEN.

**M A S T E R**

DEMONSTRATED X-WIND COMPONENT 20 MPH

AVOID CONTINUOUS G-LOC BETWEEN 2000 AND 2200 RPM

ROUGH AIR OR MANEUVERING SPEED 129 MPH

CAUTION COMPASS MAY BE IN ERROR WITH PILOT HEAT ON

**F L A P H A N D L E**

# Cherokee 140/180B-C

Cherokee 140B  
MPH KIAS  
VNE = 178 155  
VNO = 143 124  
VA = 131 114  
VX = 74 64  
VY = 85 74  
VFE = 115 100  
VS = 64 56  
VSO = 55 48  
Glide = 83 72

FRESH AIR FAN HIGH LOW

COMPASS SYSTEM

**WARNING**  
TO AVOID OPTICAL ILLUSION AND SEVERE DIZZINESS, WEAR SUNGLASSES AND AN O.D. OR P.O. H. OFF UPON ENTERING CLOUDS, FOG OR RAIN.

**OIL COOLER WINTERIZATION PLATE**  
TO BE REMOVED WHEN AMBIENT AIR TEMPERATURE EXCEEDS 50°F.

**WARNING**  
NO BRAKING WILL OCCUR IF AIRCRAFT BRAKES ARE PULLED AND HELD.

V<sub>R</sub> = 113 KIAS  
AT 2550 \* (SEE P.O.H.)  
DEMO. X-WIND 17 KTS.

STALL WARNING

**AIR COND. CONTROL**

AIR COND. ON OFF  
FAN HI OFF LOW  
TEMP. COOLER

WARNING  
AIR CONDITIONER MUST BE OFF PRIOR TO TAKE-OFF AND LANDING AND FOR ALL ONE ENGINE INOPERATIVE OPERATIONS.

AIR COND DOOR OPEN

WARNING  
EMERGENCY LOCATOR TRANSMITTER FOR AVIATION EMERGENCY USE ONLY. UNLICENSED OPERATION UNLAWFUL. SUBJECT TO FINE OR LICENSE REVOCATION.  
PULL TO SELECT ON (RESET) ARM

NOSE TRIM UP DN  
NOSE TRIM R

NO HEAVY OBJECTS ON HAT SHELF

NO SMOKING

UP NEUTRAL DN

AIR COND DOOR OPEN

ENGAGE LATCH BEFORE FLIGHT

AUTOFLITE II ON OFF

TURN AUTOFLITE ON.  
ADJUST "TRIM" KNOB FOR MINIMUM HEADING CHANGE.  
FOR HEADING CHANGE, PRESS DISENGAGE SWITCH ON CONTROL WHEEL, CHANGE HEADING, RELEASE SWITCH.

ROTATE "TURN" KNOB FOR TURN COMMANDS.  
PUSH "TURN" KNOB IN TO ENGAGE TRACKER.  
PUSH "TRIM" KNOB IN FOR "HI" SENSITIVITY.  
AUTOFLITE OFF FOR TAKEOFF & LANDING.

MIKE JACK

STORM SCOPE

12V SOURCE

ADF

COM 1

NAV 1

COM 2

GPS

NAV 2

LOPAN

PARK BRAKE PUSH

DEFROST PULL ON

CARB HEAT PULL HOT

MIXTURE PULL LEAN

CABIN VENT PULL ON

DME OFF

NAV 1 NAV 2

GLIDESCOPE COUPLER ENGAGED

CABIN AIR PULL OFF

PRIMER

PRESS TEST

MIKE PHONE PHONE

MIKE PHONE PHONE

ENGAGE LATCH BEFORE FLIGHT

TO OPEN, UN-LATCH TOP OF DOOR THEN GENTLY PUSH DOWN ON HANDLE

PLEASE FASTEN YOUR SEAT BELT

DO NOT LIGHT - MAX

OPEN ENGAGE LATCH BEFORE FLIGHT

CLOSE

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CALIBRATED FOR RADIO ON

FOR	STEER
N	30
E	60
S	120
W	210
DATE	

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