

**Piper Cherokee 140  
Preflight Checklist**

**INTERIOR**

FLIGHT CIRCLE.....DISPATCHED  
 AROW DOCUMENTS.....CHECKED  
 FUEL DRAINED/QUANTITY.....CHECKED  
 CONTROL LOCK.....OFF  
 IGNITION SWITCH.....OFF  
 FLAPS.....FULL  
 AVIONICS.....OFF  
 ATT/HSI/GNX CIRCUIT BREAKERS.....PULLED  
 MASTER.....ON  
 FUEL GAUGES.....CHECKED  
 LIGHTS/PITOT HEAT/STALL HORN.....ON/CHECKED  
 LIGHTS & PITOT HEAT.....OFF EXCEPT BEACON  
 MASTER.....OFF

**RIGHT WING**

FLAP HINGES/PUSHROD.....CHECKED  
 AILERON/HINGES.....CHECKED  
 WING TIP/LIGHTS.....CHECKED  
 LEADING EDGE.....CHECKED  
 FUEL CAP.....SECURED  
 MAIN GEAR.....CHECKED(29PSI)

**FORWARD FUSELAGE**

OIL QUANTITY.....6-8 QTS  
 FUEL STRAINER.....CHECKED  
 ENGINE COWLING.....SECURE  
 EXHAUST STACK.....CHECKED  
 NOSE GEAR.....,CHECKED(31PSI)  
 PROPELLER/SPINNER.....CHECKED  
 ALTERNATOR BELT.....CHECKED  
 AIR INTAKE/FILTER.....CHECKED

**LEFT WING**

MAIN GEAR.....CHECKED (29PSI)  
 FUEL CAP.....SECURED  
 CABIN AIR VENT INLETS.....CHECKED  
 FUEL VENT.....CHECKED  
 STALL HORN INLET.....CHECKED  
 LEADING EDGE.....CHECKED  
 PITOT/STATIC.....CLEAR  
 WING TIP/LIGHTS.....CHECKED  
 AILERON /HINGES.....CHECKED  
 FLAP HINGES/PUSHROD.....CHECKED

**EMPENNAGE**

ANTENNAS.....CHECKED  
 STABILATOR.....CHECKED  
 VERTICAL STABILIZER/RUDDER.....CHECKED  
 ELEVATOR TRIM TAB.....CHECKED

**360 WALKAROUND**

**SECURE**

POST FLIGHT INSPECTION.....COMPLETED  
 TIE DOWNS.....AS NEEDED  
 CONTROL LOCK.....AS NEEDED  
 MASTER.....OFF

**PHONE NUMBERS**

Isaac Mosgrove.....503.930.3405  
 Joan Johnson.....503.559.4593  
 Salem Tower.....503.581.3571  
 Salem Air Fuel.....503.364.4158  
 Flight Service.....800.992.7433  
 Portland FSDO.....503.615.3200

Loading Data	Weight (lbs)	ARM (in)	Moment (lbs-in)
<b>Empty Weight</b>	1423.91	86.2	123378.1
<b>Front Seats</b>		85.5	
<b>Rear Seat</b>		117	
<b>Fuel (tabs)</b> 36gal/216lbs usable		95	
<b>Cargo Area # 1</b> 200 lbs max		117	
<b>Cargo Area # 2</b> 100 lbs max		133.3	
<b>Total</b> <b>2150 LBS MGTOW</b>			

ICAO Equipment Coad: B,G,S  
 ICAO Surveillance Code: C, U2

# Cherokee 140 N1636H

## Normal Checklist

### BEFORE START

PASSENGER / CREW BRIEF.....COMPLETE  
SEATS / SEATBELTS.....ON  
TRIM.....SET  
FLAPS.....UP  
CIRCUIT BREAKERS.....ALL IN  
CARB HEAT.....OFF  
MIXTURE.....RICH (AS APPROPRIATE)  
THROTTLE.....CRACKED (AS APPROPRIATE)  
LIGHTS.....SET  
FUEL PUMP.....ON  
PRIMER.....PRIMED/LOCKED  
FUEL SELECTOR.....FULLEST  
MASTER SWITCH.....ON  
PROP AREA.....CLEAR

### BEFORE TAXI

OIL PRESSURE.....CHECK  
FUEL PUMP.....OFF  
MIXTURE.....LEANED  
FLAPS.....UP  
AVIONICS.....ON  
BRAKES.....CHECK  
INSTRUMENT COCKPIT CHECK.....COMPLETE

### BEFORE TAKEOFF/RUNUP

DOORS/WINDOWS.....CLOSED & LATCHED  
SEATBELTS.....SECURED  
CONTROLS.....FREE & CORRECT  
INSTRUMENTS.....CHECKED  
HDG & ALT BUGS.....SET  
AVIONICS/RADIOS/TRANSPONDER.....SET  
AUTOPILOT.....CHECKED/OFF  
FUEL SELECTOR.....FULLEST  
FLAPS.....SET  
TRIM.....SET  
RUNUP  
RPM.....2000  
ENGINE GAUGES.....CHECKED  
MIXTURE.....AS APPROPRIATE  
CARB HEAT.....CHECKED  
MAGNETOS.....CHECKED  
RPM.....IDLE CHECK, 1000  
DEPARTURE BRIEFING.....COMPLETED  
FUEL PUMP.....ON

#### Airspeeds:

Vr.....55 KIAS  
Vx.....64 KIAS  
Vy.....75 KIAS  
Best Glide.....69 KIAS  
Short Field Takeoff Flaps: 25°

### CLIMB

FLAPS.....UP  
MIXTURE.....AS APPROPRIATE  
FUEL PUMP.....OFF  
TRANSPONDER.....CODE/ALT  
LIGHTS.....SET

### CRUISE

POWER.....SET  
TRIM.....SET  
MIXTURE.....AS APPROPRIATE  
FUEL SELECTOR.....SWITCH EVERY 30 MIN

### DESCENT

WEATHER.....REVIEWED  
ARRIVAL/APPROACH.....BRIEFED  
COMS/NAVS.....SET  
MIXTURE.....AS APPROPRIATE  
LIGHTS.....SET  
FUEL PUMP.....ON  
FUEL SELECTOR.....FULLEST  
ALTIMETER.....SET  
SEATS/SEATBELTS.....SECURE

### AFTER LANDING

TRIM.....SET  
FLAPS.....UP  
CARB HEAT.....OFF  
MIXTURE.....LEANED  
LIGHTS.....SET  
FUEL PUMP.....OFF  
TRANSPONDER.....VFR/ALT

### SHUTDOWN

RPM.....1000  
AVIONICS.....OFF  
MIXTURE.....IDLE CUT OFF  
MAGNETOS.....OFF  
MASTER.....OFF  
KEY.....OFF/OUT

**CHEROKEE 140 N1636H**

**Abnormal Checklist**

**ENGINE FIRE DURING START**

CRANKING.....CONTINUE  
FUEL PUMP.....OFF

-IF ENGINE STARTS-

POWER.....1700 RPM 2-3 MINUTES  
ENGINE.....SECURE

-IF ENGINE FAILS TO START-

THROTTLE.....FULL  
MIXTURE.....IDLE CUT-OFF  
CRANKING.....CONTINUE 2-3 MINUTES  
ENGINE.....SECURE

**ENGINE TROUBLESHOOT**

CARB HEAT.....ON  
MIXTURE.....AS APPROPRIATE  
THROTTLE.....1/2 OPEN  
FUEL PUMP.....ON  
PRIMER.....IN/LOCKED  
FUEL SELECTOR.....SWITCH  
MAGNETOS.....CYCLE (START)

**ENGINE SECURE**

CARB HEAT.....OFF  
MIXTURE.....IDLE CUT-OFF  
THROTTLE.....CLOSED  
FUEL PUMP.....OFF  
MAGNETOES.....OFF  
TRANSPONDER.....7700

**EMERGENCY LANDING W/O POWER**

AIRPSEED.....BEST GLIDE  
RADIO CALLS/XPDR.....AS APPROPRIATE  
SEATS/SEATBELTS.....SECURE  
FLAPS.....AS NEEDED  
DOOR.....UNLATCH

-PRIOR TO TOUCHDOWN-

MASTER.....OFF

**ENGINE FIRE IN FLIGHT**

MIXTURE.....IDEL CUT-OFF  
THROTTLE.....CLOSED  
MAGNETOES.....OFF  
EMERGENCY DESCENT.....EXECUTE

**WING FIRE**

EXTERIOR LIGHTS.....OFF  
PITOT HEAT.....OFF  
SIDESLIP.....ESTABLISH

**ELECTRICAL TROUBLESHOOT**

CIRCUIT BREAKER.....CHECK  
-IF POPPED, RESET. IF IT POPS AGAIN, DO NOT RESET-

**ELECTRICAL/CABIN FIRE**

MASTER.....OFF  
CABIN WINDOWS.....OPEN  
FIRE EXTINGUISHER.....AS NEEDED  
EMERGENCY DESCENT.....AS NEEDED

**ALT INOP ANNUNCIATOR**

ALTERNATOR SWITCH/BREAKER.....CHECK

-IF ALTERNATOR FAILED-

ELECTRICAL LOAD.....REDUCE  
LAND AIRPLANE.....AS NEEDED

**LOW OIL PRESSURE**

POWER.....REDUCE  
NEAREST AIRPORT.....LAND  
OIL TEMPERATURE.....CHECK

-IF OIL PRESSURE IS LOW AND OIL TEMPERATURE IS HIGH PREPARE FOR ENGINE FAILURE AND LAND AT THE NEAREST AIRPORT-







**HIGH OIL TEMPERATURE**

POWER.....REDUCE  
AIRSPEED.....INCREASE  
MIXTURE.....ENRICHEN(AS APPROPRIATE)  
OIL PRESSURE.....CHECK  
-IF OIL PRESSURE IS LOW LAND AT NEAREST AIRPORT-

**RADIO TROUBLESHOOT**

HEADSET VOLUME.....CHECK  
HEADSET JACK.....CHECK  
AUDIO PANEL/INTERCOM.....CHECK  
RADIO VOULME.....CHECK  
PUSH TO TALK.....CHECK  
XPDR.....7600

**ATC LIGHT GUN SIGNALS FOR AIRCRAFT**

COLOR & TYPE	GROUND	AIR
STEADY GREEN 	Cleared for takeoff	Cleared to land
FLASHING GREEN 	Cleared for taxi	Return for landing (to be followed by steady green)
STEADY RED 	STOP!	Give way to other aircraft and continue circling
FLASHING RED 	Taxi clear of runway in use	Airport unsafe, do not land
FLASHING WHITE 	Return to starting point on airport	N/A
ALTERNATING RED/GREEN 	Exercise extreme caution	