

Piper Cherokee 140**Preflight Checklist****INTERIOR**

FLIGHT CIRCLE.....DISPATCHED
 ARROW DOCUMENTS.....CHECKED
 FUEL DRAINED/QUANTITY.....CHECKED
 CONTROL LOCK.....OFF
 IGNITION SWITCH.....OFF
 FLAPS.....FULL
 AVIONICS.....OFF
 ATT/HSI/XPDR 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

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

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/TRANSPOUNDER.....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°

EMPENNAGE

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

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)
Empty Weight	1430.5	86.2	123378.1
Front Seats		85.5	
Rear Seat		117	
Fuel (tabs) 36gal/216lbs usable		95	
Cargo Area # 1 200 lbs max		117	
Cargo Area # 2 100 lbs max		133.3	
Total 2150 LBS MGTOW			

36 GAL TABS; 50 GAL FULL

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

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
 TRANSPOUNDER.....7700

EMERGENCY LANDING W/O POWER

- AIRPSEED.....BEST GLIDE
 RADIO CALLS/XPDR.....AS APPROPRIATE
 SEATS/SEATBELTS.....SECURE
 FLAPS.....AS NEEDED
 DOORS.....UNLATCH
 -PRIOR TO TOUCHDOWN-
 MASTER.....OFF

ENGINE FIRE IN FLIGHT

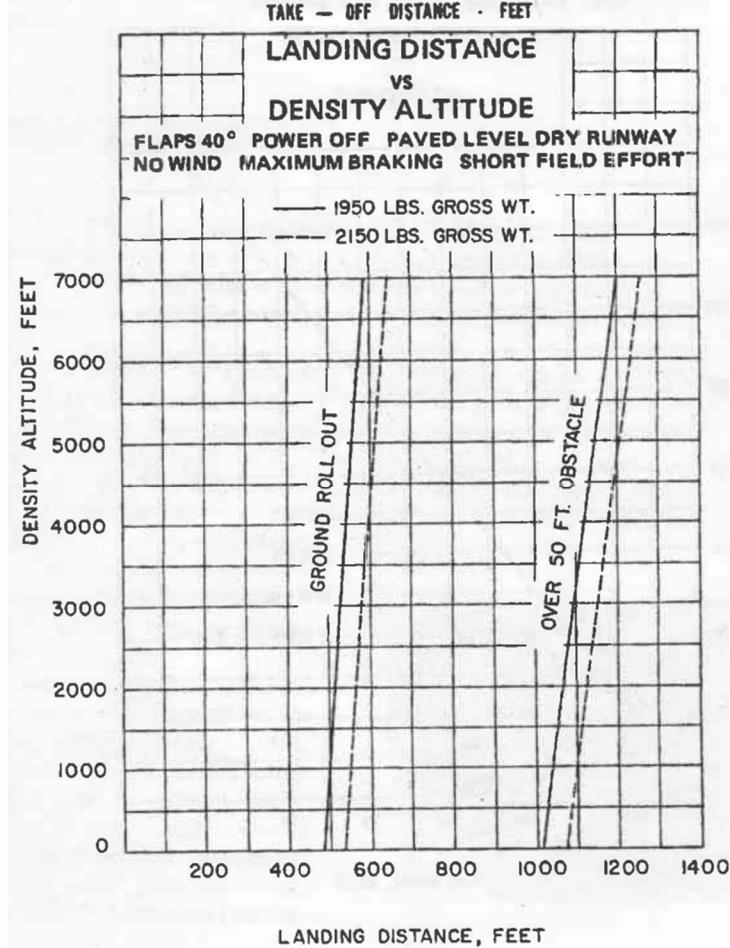
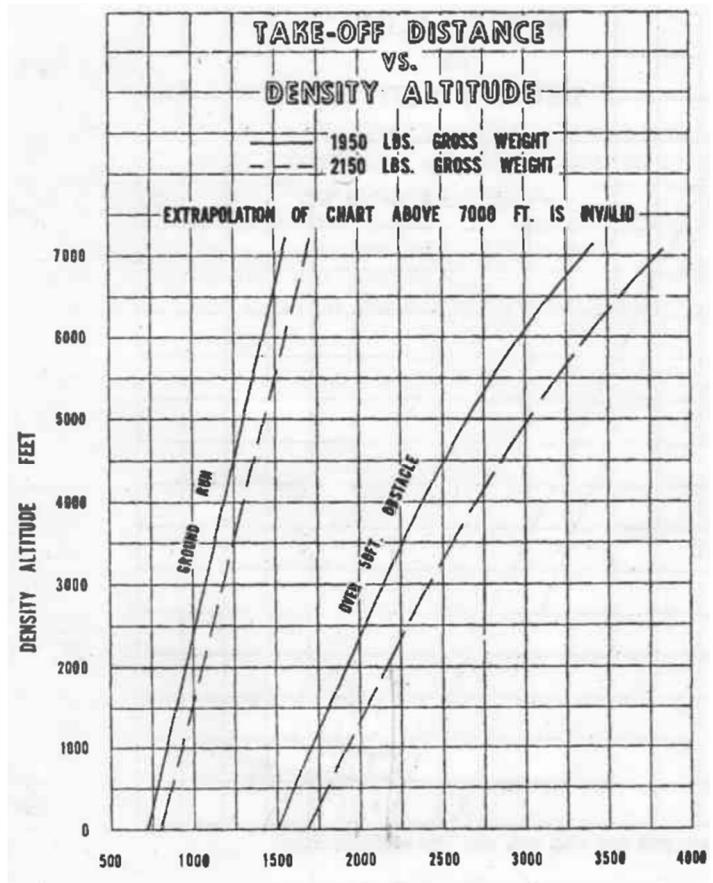
- MIXTURE.....IDEL CUT-OFF
 THROTTLE.....CLOSED
 MAGNETOES.....OFF
 EMERGENCY DESCENT.....EXECUTE

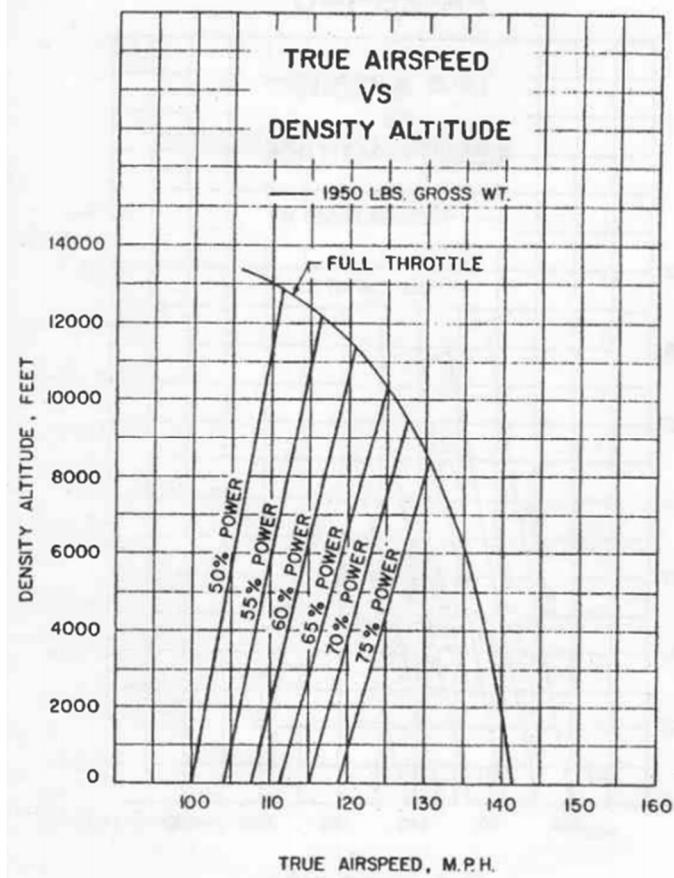
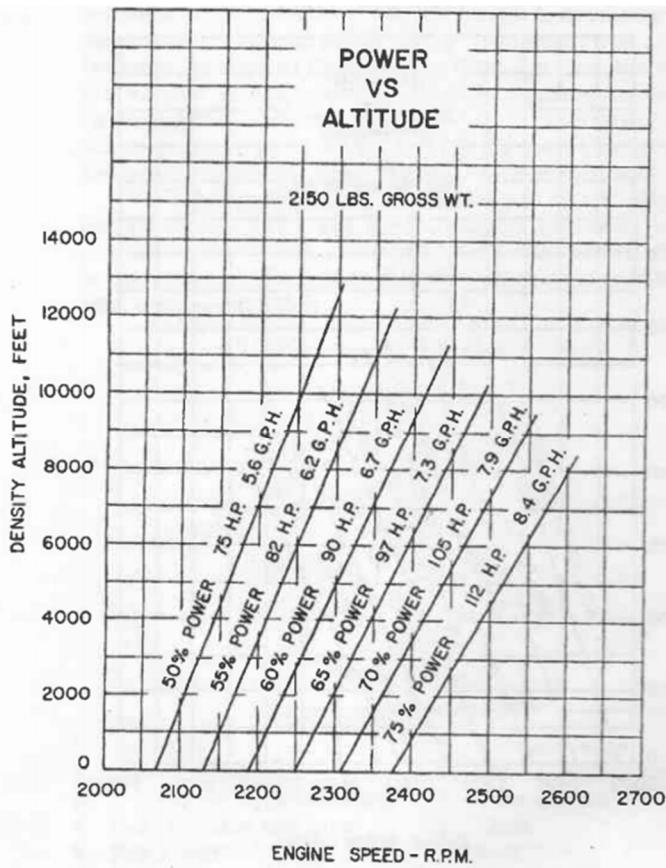
WING FIRE

- 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	