



Cherokee PA-32 260

Checklist and procedures

Contacts

1	HAAMC	0456904465
2	YPJT FUEL	0894141515
3		

Pre Flight

1	See overleaf	See overleaf
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Engine Start

1	Set Brakes	ON
2	Propellor	MAXIMUM RPM (FULL FORWARD)
3	Fuel Selector	Desired Tank
4	Carb. Heat	OFF

Cold

1	Throttle	PUMP 2-3 times, then 1/4" OPEN
2	Master Switch	ON
3	Aux Fuel Pump	ON
4	Mixture	FULL RICH
5	Propeller Area	CLEAR
6	Starter	ENGAGE
7	Throttle	ADJUST
8	Oil Pressure	CHECK
9	Throttle	DESIRED IDLE
10	Transponder	STANDBY

If the engine does not start, 1-3 strokes of priming pump and repeat above without pumping throttle

Hot

1	Throttle	1/2" OPEN
2	Master Switch	ON
3	Aux Fuel Pump	ON
4	Mixture	IDLE CUT-OFF
5	Propeller Area	Clear
6	Starter	ENGAGE
7	Throttle	ADJUST
8	Mixture	ADVANCE FULL RICH
9	Oil pressure	CHECK

Flooded

1	Throttle	FULL OPEN
2	Master Switch	ON
3	Aux Fuel Pump	OFF
4	Mixture	IDLE CUT-OFF
5	Propeller Area	Clear
7	Mixture	ADVANCE
8	Throttle	RETARD
9	Oil Pressure	CHECK

In cold weather, it may take longer to read and oil pressure indication.

If the engine does not fire within 5-10 seconds, disengage the starter allow starter to cool before re cranking



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Before Takeoff

1	Parking Brake	SET
2	Doors/Windows	CLOSED & LOCKED
3	Flight Controls	FREE & CORRECT
4	Flight Instruments	SET
5	Fuel Selector Valve	ON FULLEST TANK
7	Mixture	RICH
8	Elevator Trim	TAKEOFF
9	Rudder trim	TAKEOFF
10	Aux Fuel Pump	ON
11	Engine Gauges	CHECKED
12	Alternate Air	CLOSED
13	Mixture	FULL RICH
14	Propeller	SET FULL FWD
15	Seat Backs	ERECT
16	Hatches and Harnesses	SECURE
17	FLAPS	10 deg.
18	Trim Tab	SET

Run-Up

1	Throttle	2000 RPM
2	Magnetos	CHECK (max 175RPM drop on either, max 50RPM differential)
3	Vacuum	5.0" HG +/- 0.1
4	Oil Temp	CHECK
5	Oil Pressure	CHECK
6	Annunciator	Press to test
7	Propeller	EXERCISE
8	Carb. Heat	CHECK
9	Aux. Fuel Pump	OFF
10	Fuel Pressure	CHECK
11	Throttle	RETARD

TAKEOFF Normal

1	Wing Flaps	10 Deg
3	Throttle	FULL OPEN
3	Takeoff roll	55-60kt
4	Elevator input	Light Back Pressure
5	Climb Speed	100kt

Refer to AFM for non normal takeoff procedures

Climb

1	Airspeed	100kt to lower eng. temp
2	Throttle	FULL OPEN
3	Mixture	RICH
4	Aux. pump	OFF AT TOP OF CLIMB

Cruise

1	Power	75% 2400RPM
2	Trim	ADJUST
3	Mixture	LEAN



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Descent

1	Fuel Selector	AS APPROPRIATE
2	Mixture	ADJUST FOR SMOOTH
3	Power	EARLY POWER REDUCTION (REDUCED SHOCK COOLING RISK)

Landing (Normal)

1	Propeller Pitch	Full fine
2	Flaps	AS REQUIRED
3	Airspeed	70-80kt
4	Touchdown	MAINS FIRST
5	Landing Roll	LOWER NOSE GENTLY
6	Braking	Minimum required

Before Landing

1	Seat Back	ERECT
2	Fuel Selector	FULLEST TANK
3	Aux. Fuel Pump	ON
4	Mixture	RICH
5	Propeller	SET
6	Flaps	DOWN (<110kt)

After Landing

1	Flaps	UP
2	Park Brake	OFF
3	Avionics switch	OFF
4	Mixture	IDLE/CUT-OFF
5	Ignition Switch	OFF
6	Magnetos	OFF
7	Beacon Switch	LEAVE ON
8	Master switch	OFF
9	Control Locks	INSTALL
10	Wheel Chocks	AS REQUIRED

Engine power loss

F Fuel

C Carburettor

M Mags, Mixtures

I Ignition/Switches

T Throttle

Unplanned off-field landing

A Airspeed Pitch for best glide

B Best Zone Avoid steep turn

C Checks F>C>M>I>T

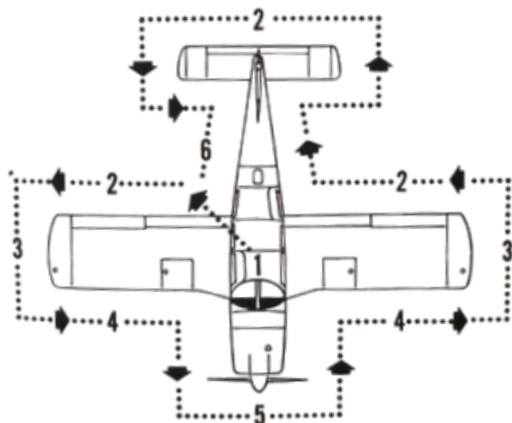
D Declare Sqwk 7700 - Mayday
Manage passengers

E Execute/Evacuate



Cherokee PA-32 260/300

Walkaround



Consideration is to be given for time frames of fuel deliveries, it is recommended to dip and calculate fuel additions required as a first step.

5 Nose

1	Windshield	CLEAN
2	Prop and Spinner	CHECK
3	Oil	6 QUARTS
4	Dipstick	SEATED
5	Cowling + Insp. Covers	SECURE
6	Nose Wheel Tire	CHECK
7	Nose gear strut	INFL. 8cm
8	Engine Air inlets	CLEAR
9	Baggage Door	SECURE

1 Cabin

1	Airplane Documents	PRESENT
2	Control lock and Pitot Cover	OFF
3	Parking Brake	OFF
4	Master Switch	ON
5	Fuel QTY Indicators	CHECK
6	Master Switch	OFF
7	Ignition	OFF

4-3-2 Left Wing

1	Control surfaces	CHECK
2	Hinges/Rods	CHECK
3	Stall Warning	CHECK
4	Pitot Cover	Remove Check opening
5	Fuel Quantity	CHECK
6	Fuel Cap	SECURE
7	Fuel Tank Sump	DRAIN
8	Fuel Vents	OPEN
9	Main Gear Strut	LIFT! 11cm range
10	Main wheel tire	Pressure/Wear
11	Wheel Chocks	REMOVE

2-3-4 Right Wing

1	Control surfaces	CHECK
2	Hinges/Rods	CHECK
4	Fuel Quantity	CHECK
5	Fuel Cap	SECURE
6	Fuel Tank Sump	DRAIN
7	Fuel Vents	OPEN
8	Main Gear Strut	LIFT! 11cm range
9	Main Wheel Tire	Pressure/Wear
10	Wheel Chocks	REMOVE

2/6 Empenage and Tail

1	Control Surfaces	CHECK
2	Hinges/Cables/Rods	CHECK