



PA 28-180

NORMAL PROCEDURES CHECKLIST

KFFC

Runway 13 (133°) / 31 (313°) - 5768'

CTAF 123.05

ASOS 118.53 Elevation 808'

PREFLIGHT INSPECTION

Weather	CHECK
Weight & Balance	COMPLETE
Documents (AROW)	CHECK
Inspection/AD	CHECK
Fire Extinguisher	CHARGED
Hobbs/Tach	CHECK
Electrical/Radios	OFF
Ignition	OFF
Master	ON
Fuel Quantity	CHECK
Turn Coordinator	AUDIBLE
Flaps	EXTEND
Lights	ON/INSPECT
Master	OFF

EXTERIOR INSPECTION

RIGHT WING

Flaps & Aileron
Leading Edge
Tie Down
Fuel Quantity
Fuel Tank Vent
Fuel Sump
Strut/Tire/Brakes

NOSE

Windshield/Cowling
Oil Quantity (6-8 qt)
Prop/Spinner
Air Inlet
Alternator Belt
Nose Strut/Tire
Cowling
Fuel Sump

LEFT WING

Strut/Tire/Brakes
Fuel Sump
Fuel Quantity
Tie Down
Pitot Tube
Static Source
Fuel Tank Vent
Stall Warning Vane
Flap & Aileron

AFT FUSELAGE & EMPENNAGE

Fuselage
Antennas
Horizontal Stabilizer
Vertical Stabilizer
Tie Down
Baggage Door

PRE-ENGINE START

Preflight Inspection	COMPLETE
Passenger Briefing	COMPLETE
Seats & Belts	SECURE

ENGINE START

Parking Brake	SET
Circuit Breakers	CHECK IN
Electrical Equipment	OFF
Fuel Selector	FULLEST TANK
Carburetor Heat	COLD
Prime	3 OR 4 TIMES
Throttle	OPEN 1/4 INCH
Master	ON
Beacon	ON
Fuel Pump	ON
Mixture	RICH
Propeller Area	CLEAR
Ignition	ENGAGE
Throttle	1000 RPM
Oil Pressure	CHECK IN
Mixture	LEAN FOR TAXI
Fuel Pump	OFF
Fuel Pressure	VERIFY
Ammeter	CHECK

TAXI

Avionics Master	ON
Radio/Avionics	ON
Transponder	STBY
Flaps	RETRACT
Parking Brake	RELEASE
Brakes	TEST
Instruments	CHECK

RUNUP

Parking Brake	SET
Seats/Belts	SECURE
Doors/Windows	CLOSED & LOCKED
Controls	FREE & CORRECT
Trim	SET
Fuel Quantity	CHECK
Mixture	RICH
Fuel Selector	FULLEST TANK
Throttle	2000 RPM
Oil Pressure/Temp	CHECK
Mixture	SET FOR ALTITUDE
Magnetos (175 - /- 50 RPM)	CHECK
Fuel Pump	CHECK ON
Suction	5" +/-1" hg
Ammeter	CHECK
Annunciator Panel	TEST
Flight Instruments	CHECK & SET
Throttle	IDLE
Radios & Avionics	SET

Brakes**RELEASE****PRE-TAKEOFF**

Fuel Pump	ON
Fuel Selector	FULLEST TANK
Flaps (as required)	SET
Transponder	ALT
Lights	AS REQUIRED

• Takeoff / Departure Briefing**REVIEW**

C- Conditions

H - Hazards

O - Operational Changes Required

R - Runway Required and Available

R - Return Procedure / Low Altitude Emergencies

D - Departure Route

IFR

C- Clearance Limit

R - Route

A - Altitudes

F - Frequencies

T - Transponder Setting

Runway, First Fix/Direction, Heading, Altitude, Airspeeds**• Takeoff Data****REVIEW-SET****Vr: 60-65 MPH Vx: 76 MPH Vy: 85 MPH****Vs: 68 MPH Vglide: 80 MPH****NORMAL TAKEOFF**

Throttle	FULL OPEN
Engine Instruments	CHECK
Rotate	60-65 MPH
Climb	85 MPH

SHORT FIELD TAKEOFF

Flaps	25°
Carburetor Heat	OFF
Brakes	APPLY
Throttle	FULL OPEN
Engine Instruments	CHECK
Brakes	RELEASE
Rotate	55-60 MPH
Climb (until clear of obstacles)	74 MPH
Climb	85 MPH
Flaps	RETRACT

SOFT FIELD TAKEOFF

Flaps	25°
Carburetor Heat	OFF
Elevator	Full AFT
Throttle	SLOWLY FULL OPEN
Liftoff	SLOWEST POSSIBLE AIRSPEED

Accelerate while in ground effect

Climb (until clear of obstacles)	76 MPH
Climb	85 MPH
Flaps	RETRACT

CLIMB / CRUISE

Throttle	SET
Mixture	SET
Fuel Selector	DESIRED TANK
Fuel Pump	OFF
Fuel Pressure	VERIFY
Engine Guages	ENGINE GUAGES
Landing Light	OFF/AS REQUIRED
Trim	SET

DESCENT

Power	AS DESIRED
Carburetor Heat	AS REQUIRED
Mixture	ADJUST
Altimeter	SET
Fuel Selector	FULLEST TANK

BEFORE LANDING

Seat Backs	UPRIGHT
Seats/Belts	SECURE
Fuel Selector	FULLEST TANK
Fuel Pump	ON
Fuel Pressure	VERIFY
Mixture	SET
Landing Light	AS REQUIRED

Target Pattern Airspeed: **100-110 / 90-100 / 85-90****Short Final / Landing Assured**FLAPS **EXTENDED: 75-85 MPH****Vglide = 80 MPH Vs = 68 MPH Vso = 61 MPH****NORMAL LANDING**

Flaps	AS DESIRED
Airspeed	74 MPH (FLAPS DOWN)

AFTER LANDING

Flaps	RETRACT
Transponder	STBY
Landing Light	OFF
Strobes	OFF
Mixture	LEAN FOR TAXI
Fuel Pump	OFF
Fuel Pressure	VERIFY

GO-AROUND

CRAM	Throttle	FULL OPEN
CLIMB	Climb	85 MPH
CLEAN	Flaps	RETRACT TO 25°
COMMUNICATE		
COMPLY		

SHUTDOWN

Throttle	IDLE
Electrical Equipment	OFF
Avionics Master	OFF
Mixture	IDLE CUTOFF
Ignition	OFF
Master	OFF
Beacon	OFF
Hobbs/Tach Time	RECORD
Trash	REMOVE
Flight Controls Strap	SECURE
Doors	LOCKED
Tie Down	SECURE
Pitot Cover	ON

Heading Indicator

SET

FUEL: ORDER AS REQUIRED KFFC: 770-487-2225