

PA-28-161 PILOT'S CHECKLIST
CADET OR WARRIOR
 Revision 4: October 25, 2021
 FOR INSTRUCTIONAL USE ONLY

V/R AIRCRAFT ACCEPTANCE

Maintenance Status	CHECKED
Aircraft Surfaces	CLEAR
Windows	CLEAN
Emergency & Safety Equipment	CHECKED
Hobbs Meter	RECORDED
Tachometer Time	RECORDED
Aircraft Documents (ARROW)	CHECKED
Checklist	COMPLETE

N/R PREFLIGHT INSPECTION

Control Restraints	REMOVE
Pitot Cover	REMOVE
Cabin	
Aircraft Acceptance Check	COMPLETE
Parking Brake	SET
Ignition Switch	OFF
Circuit Breakers	CHECKED/IN
Avionics Master Switch or Radios	OFF
Alternate Static Source	CHECKED/OFF
Pitot & Static Drains	DRAIN/CLOSE
Battery Master Switch	ON
Fuel Gauges	CHECK
Turn Coordinator	CHECK
Annunciator Panel	CHECK
Avionics Master Switch (if installed)	ON
Avionics Cooling Fan (if installed)	CHECK
Avionics Master Switch (if installed)	OFF
Pitot Heat	ON/CHECK
Exterior/Cockpit Lights	ON/CHECK
Stall Warning Horn	CHECK
Pitot Heat	OFF
Exterior/Cockpit Lights	OFF
Trim (2)	SET
Battery Master Switch	OFF
Fuel Selector	CHECK
Flaps	EXTEND 40 Degrees

Right Wing	
Flap,Aileron,Hinges & Wicks	CHECKED
Wing Tip and Lights	CHECKED
Leading Edge	CHECKED
Fuel System Vent	CLEAR
Tie Down	REMOVED
Strut, Tire & Brake	CHECKED
Fresh Air Inlet	CLEAR
Fuel Tank Sump	DRAIN
Fuel Level & Cap	CHECKED/SECURE

Nose	
Fuel & Oil	CHECK FOR LEAKS
Engine (Right & Left Side)	CHECK
Oil Level	CHECKED, 6 QT MINIMUM
Oil Dipstick	SECURE
Right Cowling Latches	SECURE
Air Inlets, Carb Intake	CLEAR
Exhaust	CHECK
Propeller & Spinner	CHECKED
Alternator Belt	CHECKED
Landing Light	CHECKED
Left Cowling Latches	SECURE
Nose Wheel & Strut	CHECKED
Fuel Drain	DRAIN
Nose Chock	REMOVED

Left Wing	
Fresh Air Inlet	CLEAR
Fuel Tank Sump	DRAIN
Fuel Level & Cap	CHECKED/SECURE
Strut, Tire & Brake	CHECKED
Tie Down	REMOVED
Fuel System Vent	CLEAR
Pitot/Static Head	CHECKED
Leading Edge	CHECKED
Wing Tip & Lights	CHECKED
Flap, Aileron, Hinges & Wicks	CHECKED

Fuselage/Empennage	
Antennas	CHECKED
Stabilator, Trim Tab & Rudder	CHECKED
Tie Down	REMOVED
Baggage Compartment	INSPECT
Bag. Door (if installed)	CLOSED/LOCKED
Checklist	COMPLETE

C/R BEFORE STARTING ENGINE	
A/C ACCEPTANCE CHECK	COMPLETE
PREFLIGHT INSPECTION	COMPLETE
PASSENGER BRIEFING	COMPLETE
PARKING BRAKES	SET
FLAPS	RETRACTED
SEATS BELTS & HARNESS	CHECKED
CIRCUIT BREAKERS	CHECKED/IN
AVIONICS MASTER SWITCH/RADIOS	OFF
CARBURETOR HEAT	OFF
FUEL SELECTOR	LOWEST TANK
BEACON OR STROBE	ON
CHECKLIST	COMPLETE

C/R STARTING ENGINE	
THROTTLE	OPEN 1/4 INCH
BATTERY MASTER SWITCH	ON
ALTERNATOR SWITCH	ON
ELECTRIC FUEL PUMP	ON
MIXTURE	FULL RICH
PRIMER (IF INSTALLED)	AS REQUIRED
BRAKES	HOLD
PROPELLER AREA	CLEAR
IGNITION SWITCH	START
THROTTLE (1000 RPM)	SET
OIL PRESSURE	CHECKED
ELECTRIC FUEL PUMP	OFF
MIXTURE	LEAN
AMMETER	CHECKED
NAVIGATION LIGHTS	AS REQUIRED
AVIONICS MASTER SWITCH/RADIOS	ON
CIRCUIT BREAKERS	CHECKED
TRANSPONDER	ALT & CHECKED
RADIOS	SET & CHECKED
CHECKLIST	COMPLETE

C/R BEFORE TAXI	
FLIGHT INSTRUMENTS	SET/CHECKED
NAV OR GPS (IF INSTALLED)	SET
TAXI BRIEFING	COMPLETE
LIGHTS	AS REQUIRED
FUEL SELECTOR	FULLEST TANK
TAXI AREA	CLEAR
BRAKES	RELEASE/TEST
CHECKLIST	COMPLETE

C/R	TAXI CHECK
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BRAKES & STEERING	CHECKED
INSTRUMENTS	CHECKED
CHECKLIST	COMPLETE

C/R	BEFORE TAKEOFF
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PARKING BRAKE	SET
SEATBCKS/SEAT BLTS	UPRGHT/SECURE
FLIGHT INSTRUMENTS	CHECK/SET
FUEL QUANTITY	CHECK
FLIGHT CONTROLS	FREE & CORRECT
FUEL SELECTOR	FULLEST TANK
TRIM	TAKEOFF

ENGINE CHECK

MIXTURE	RICH
THROTTLE	2000 RPM
SUCTION GAUGE(IF INSTALLED)	CHCKD
ENGINE GAUGES & AMMETER	CHECKED
ANNUNCIATOR PANEL	CHECKED
MAGNETOS	CHECKED (175/50)
CARB HEAT	CHECK
IDLE	CHECKED
THROTTLE (1000 RPM)	SET
MIXTURE	LEAN

AFTER ENGINE CHECK

RADIOS & GPS (IF INSTALLED)	SET
INSTRUMENTS/STBY INSTRUMENTS	SET
WINDOW & DOOR	CLOSED/LATCHED
DEPARTURE BRIEFING	COMPLETE
PARKING BRAKE	RELEASE
CHECKLIST	COMPLETE

V/R	LINE UP
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Flaps (0-25°)	SET/CHECKED
Heading Indicator & Compass	CHECKED

AFTER CLEARED ONTO RUNWAY

Mixture	SET
Electric Fuel Pump	ON
Landing Light & Stobes	ON
Navigation Lights	AS REQUIRED
Time Off	NOTE
Checklist	COMPLETE

V/R	CLIMB
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Flaps	RETRACT
Electric Fuel Pump	OFF/CHECK PRESSURE
Airspeed	63-87 KIAS
Checklist	COMPLETE

V/R	CRUISE
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Throttle (75% power or less)	SET
Mixture	LEAN
Trim	SET
Landing Light & Recog Light	OFF
Heading Indicator/Compass	CHECKED
Fuel Tanks	SWITCH
Checklist	COMPLETE

V/R	DESCENT
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Carburetor Heat	AS REQUIRED
Power	SET
Mixture	ADJUST
Radios	SET
Altimeter	SET
Nav/GPS Switch	SET
Fuel Selector	FULLEST TANK
Checklist	COMPLETE

C/R	BEFORE LANDING
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SEAT BACKS	UPRIGHT
SEATS BELTS & HARNESS	CHECKED
LANDING LIGHT & RECOG LIGHT	ON
ELECTRIC FUEL PUMP	ON
FUEL SELECTOR	FULLEST TANK
MIXTURE	RICH
FLAPS	SET
APPROACH SPEED	SET
CHECKLIST	COMPLETE

C/R	GO AROUND
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THROTTLE	FULL
FLAPS	RETRACT TO 25°
CARBURETOR HEAT	OFF
AIRSPEED	63 KIAS
CLIMB RATE	POSITIVE
FLAPS	10° THEN 0°
CHECKLIST	COMPLETE

V/R	AFTER LANDING
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Brakes	APPLY
Time On	NOTE
External Lights	AS REQUIRED
Throttle (1000 RPM or less)	SET
Carburetor Heat	OFF
Mixture	LEAN
Electric Fuel Pump	OFF
Flaps	RETRACT
Checklist	COMPLETE

V/R	PARKING
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Parking Brake	SET
Avionics Master or Radios	OFF
Transponder	OFF
Electrical Equipment & Lights	OFF
Throttle	IDLE
Ignition Switch	TEST/OFF
Mixture	IDLE CUT OFF
Alternator Switch	OFF
Battery Master Switch	OFF
Brakes	RELEASE
Control Restraints	SECURE
Hobbs Meter	RECORDED
Tachometer Time	RECORDED
Tie Downs & Chocks	SECURE
Pitot Cover	INSTALL
Checklist	COMPLETE

KLAL LOCAL FREQUENCIES	
KLAL ATIS: 118.025	KPCM CTAF: 123.05
KLAL GRD: 121.4	KPCM AWOS: 120.025
KLAL TWR: 124.5	KPCM ASOS: 133.675
LAL VOR: 116.00	KBOW TWR: 121.2
TPA APRCH: 119.90	KBOW GRD: 121.9
FSS: 122.4	KBOW AWOS: 123.775
FLT WATCH: 122.0	KLAL ILS 9: 110.1
KVDF ILS RWY 23 111.35	
SUNRISE 863-644-4270	