

PIPER PA28-140 NORMAL CHECKLISTS

PREFLIGHT INSPECTION

PREFLIGHT–Cabin

- A-R-O-W Papers Checked
- Control Lock Remove
- Magnetos Off
- Mixture..... Idle Cutoff
- Avionics / Electrical Off
- Master Switch..... On
- Fuel Gauges..... Check Quantity
- Beacon Check
- Exterior Lights / Pitot Heat Check
- Annunciator Lights Test
- Electric Gyros Spooling
- Master Switch..... Off
- Wing Flaps Down

PREFLIGHT–Right Wing

- Flap Check
- Elevator Check
- Wing Tip Check
- Wing Leading Edge..... Check
- Fuel Level..... Check
- Fuel Vent..... Check
- Fuel Sump..... Check
- Gear / Tire / Brake..... Check
- Tiedown..... Remove

PREFLIGHT–Nose

- Windshield..... Check Clean
- Engine Oil..... Check
- Alternator Belt..... Check
- Cowl (right side) Secure
- Exhaust Pipe Secure
- Propeller Spinner Check
- Propeller..... Check for nicks
- Air Intake Cover Remove
- Air Intake Check
- Brake Fluid Check
- Cowl (Left Side)..... Secure
- Nose Gear / Strut / Tire Check

PREFLIGHT INSPECTION CONT.

PREFLIGHT–Left Wing

- Fuel Sump..... Check
- Gear / Tire / Brake Check
- Tiedown Remove
- Fuel Vent..... Check
- Pitot Tube..... Check
- Wing Leading Edge Check
- Fuel Level Check
- Wing Tip..... Check
- Aileron..... Check
- Wing Flap..... Check
- Fuselage Check

PREFLIGHT– Empenage

- Stabilator..... Check
- Trim Tab..... Check
- Vertical Stabilizer Check
- Rudder Check
- Tiedown Remove
- Fuselage Check

PASSENGER BRIEFING

- No Step Areas
- Seat & Belt Adjustments
- No Touch Controls & Instruments
- I will close and lock door
- Emergency Exit Procedure
- Vent & Heat Locations
- Intercom Operation
- Quiet During Radio Calls
- Look for Traffic

PIPER PA28-140 NORMAL CHECKLISTS

BEFORE START CHECKLIST

- Preflight & Passenger Briefing Complete
- Wing Flaps Up
- Seats / Belts / Harnesses Adjusted & Locked
- Fuel Selector Lowest Tank
- Avionics Master Switch Off
- Circuit Breakers Check In
- Brakes Hold

STARTING ENGINE CHECKLIST

- Carburetor Heat Cold
- Mixture Rich
- Throttle Open 1/2 Inch
- Prime 4 Pumps
- Master Switch On
- Rotating Beacon On
- Fuel Pump On (Check Pressure)
- Prop Area CLEAR
- Ignition Switch Start
- Throttle 1,000 RPM Max
- Oil Pressure Check
- Fuel Pump Off (Check Pressure)
- Mixture Lean For Taxi

AFTER START CHECKLIST

- Avionics Master Switch On
- JPI Fuel Information Set
- ATIS Obtain
- Altimeter Set
- Heading Indicator Set
- Transponder STBY
- Brakes Test

TAXI CHECKLIST

- Brakes Test
- Turn Coordinator, Attitude Indicator, HI Operating

BEFORE TAKEOFF CHECKLIST

- Parking Brake Set
- Doors and Windows Closed & Latched
- Flight Instruments Set & Checked
- Flight Controls Free & Correct
- Fuel Selector Full Tank
- Elevator and Rudder Trim Set
- Mixture Rich
- Throttle 2000 RPM
 - Annunciator Panel Check
 - Suction Gauge Check
 - Ammeter Check
 - Engine Gauges Check
 - Carburetor Heat Check for RPM Drop
 - Magnetos Check (125 RPM Max Drop)
 - Throttle 1000 RPM
- Radios Set
- Parking Brakes Release
- Fuel Pump On

CLEARED FOR TAKEOFF

- Departure Time Record
- Instruments Check
- Transponder ALT
- Landing Light On
- Strobe Lights On

AFTER TAKEOFF CHECKLIST

- Oil Pressure Check
- Fuel Pump Off (Above 1,000 feet)
- Fuel Pressure Check

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CRUISE CHECKLIST

- Amp / Temps / Fuel / Vac.....Green
- Landing LightOff
- Power Set per AFM
- Mixture 50 degrees rich of peak EGT
- Cowl Flaps Closed
- Fuel Tank (each 1/2 / 1 hour)..... Switch

DESCENT CHECKLIST

- Seats & Belts..... Secure
- Fuel SelectorFullest Tank
- Mixture Enrich
- Amp / Temps / Fuel / Vac..... Green

BEFORE LANDING CHECKLIST

- GUMPS check..... Complete
- Fuel Pump..... On
- Fuel SelectorFullest Tank
- Landing Light.....On
- Seat Belts / Harnesses.....On
- Flaps As Desired
- Mixture Rich (Below 3000' MSL)
- Carburetor HeatAs Required
- Normal Approach 65 KIAS
- Short / Soft Field Approach 55 KIAS

GO AROUND

- Power Full Throttle
- Wing Flaps 1st Notch
- Wing Flaps Up
- ATC Advise

AFTER LANDING CHECKLIST

- Fuel Pump.....Off
- Pitot HeatOff
- Carburetor HeatOff
- Transponder..... STBY
- Mixture Lean for taxi
- Wing Flaps Up
- Elevator Trim Takeoff
- Exterior LightsAs Required

PARKING CHECKLIST

- Avionics Master..... Off
- Panel Lights Off
- Mixture Idle Cutoff
- Master Switch..... Off
- Magneto Switch..... Off
- Cabin Air Closed
- Hobbs / Tach Time Record

SECURING AIRCRAFT CHECKLIST

- Master Switch Off
- Seat Belts..... Straightened
- Garbage Removed from cabin
- Wing Flaps Up
- Air Inlet Closed on both sides
- Control Lock..... Installed
- Cabin Door..... Locked
- Cargo Door Locked
- Aircraft Covers & Intake Covers..... Installed
- Tiedowns..... Secured

PIPER PA28-140 EMERGENCY CHECKLIST

*FLY THE AIRPLANE – SILENCE THE WARNING –
CONFIRM THE EMERGENCY*

ENGINE FAILURE DURING TAKEOFF

- ATC Advise
- Throttle Closed
- Brakes Apply
- Mixture Idle Cutoff
- Ignition Switch Off
- Master Switch Off

ENGINE FAILURE AFTER TAKEOFF

- Airspeed Safe Airspeed
- Flaps Up
- Mixture Rich
- Carb Heat On
- Fuel Pump On
- Fuel Selector Switch Tanks
- ATC Advise

ENGINE FAILURE IN FLIGHT

- Airspeed 74 KTS
- Mixture Rich
- Carb Heat On
- Master Switch On
- Fuel Pump On
- Fuel Selector Switch Tanks
- Magnetos Both
- Primer Locked
- Ignition Switch Restart
- ATC Advise

LANDING WITHOUT ENGINE

- Airspeed 74 KTS
 - Transponder 7700
 - COM Radio MAYDAY on 121.50
- Below 500 ft.
- Mixture Idle Cutoff
 - Master Switch Off
 - Magnetos Off
 - Fuel Selector Off
 - Cabin Door Ajar

ENGINE FIRE

On Ground:

- ATC Advise
- Mixture Idle Cut-Off
- Fuel Selector Off
- Master Switch Off
- Magnetos Off
- Fire Extinguish

In Flight :

- ATC Advise
- Fuel Selector Off
- Throttle Closed
- Mixture Idle Cut-off
- Magnetos Off
- Cabin Vents & Heat Closed
- LAND AT NEAREST SUITABLE AIRPORT

ELECTRICAL FIRE

- Master Switch Off
- Cabin Vents Open
- Cabin Heat Off
- Circuit Breakers Check
- All Electrical Switches Off
- If electrical power required:
 - Master Switch On
 - Electrical Switches On 1 at a time
- ATC Advise

ALTERNATOR-LOW VOLTAGE

- Electrical Load Reduce
 - Alternator Circuit Breaker Verify In
 - ALT Switch Off then On
- If unable to restore alternator:**
- ALT Switch Off
 - LAND AT NEAREST SUITABLE AIRPORT

FLIGHT INTO ICING CONDITIONS

- Pitot Heat On
- Alternate Static Air On
- Cabin Heat Off
- Direction and / or Altitude Change
- ATC Advise