

PA-28 Arrow Pilot Compact Checklist

<p style="text-align: center;"><u>BEFORE STARTING ENGINE</u></p> <p>PREFLIGHT – COMPLETE PASSENGERS – BRIEFED SEATS – LOCKED SEATBELTS/HARNESSES – FASTENED CABIN DOOR – LOCKED BRAKES – SET/HOLD CIRCUIT BREAKERS – IN SWITCHES – OFF ALTERNATE AIR – OFF FUEL SELECTOR – DESIRED TANK MIXTURE – CUT-OFF PROPELLER – FORWARD THROTTLE – OPEN ½” TRIM – TAKE OFF EMERGENCY GEAR EXTENSION – UP LANDING GEAR LEVER – DOWN</p>	<p style="text-align: center;"><u>BEFORE TAKE-OFF</u></p> <p>BRAKES – HOLD FLIGHT CONTROLS – FREE & CORRECT ALTR SWITCH – ON BATT MSTR SWITCH – ON ELECTRIC FUEL PUMP – ON FUEL SELECTOR – FULLEST TANK MIXTURE – RICH PROPELLER – FORWARD THROTTLE – 2000 RPM MAGNETOS – MAX DROP 175 PROPELLER – EXERCISE 3 TIMES – MP/RPM/OIL PRESSURE VACUUM – 4.8 – 5.1 OIL TEMP – GREEN OIL PRESSURE – GREEN AMMETER – CHECK/POSITIVE ANNUNCIATOR PANEL – TEST ALTERNATE AIR – OFF ELECTRIC FUEL PUMP – OFF FUEL PRESSURE – OFF THROTTLE – 1000 RPM FLIGHT INSTRUMENTS – CHECK ELECTRIC FUEL PUMP – ON SEATBELT/HARNESS – FASTENED SEATS – LOCKED FLAPS – SET/TAKE-OFF TRIM – SET/TAKE-OFF DOORS/WINDOWS – LOCKED STROBES – ON TRANSPONDER – ALT AND SET TAKE-OFF BRIEF - COMPLETE</p>
<p style="text-align: center;"><u>NORMAL START</u></p> <p>THROTTLE – OPEN ½” ALTR SWITCH – ON BATT MSTR SWITCH – ON LANDING GEAR LIGHTS – 3 GREEN ANNUNCIATOR LIGHTS – ON STROBES – ON ELECTRIC FUEL PUMP – ON MIXTURE – RICH FOR 3 – 5 SEC THEN IDLE PROPELLER – FORWARD **CLEAR** **CLEAR** **CLEAR** STARTER – ENGAGE ASAP MIXTURE – RICH THROTTLE – 1000 RPM OIL PRESSURE – GREEN (AFTER 30 SEC) AMMETER – CHECK MIXTURE – LEAN (FUEL PUMP OFF)</p>	<p style="text-align: center;"><u>NORMAL TAKEOFF</u></p> <p>SEATBELTS – FASTENED ELECTRIC FUEL PUMP – ON FUEL SELECTOR – FULLEST TANK MIXTURE – RICH PROPELLER – FORWARD FLAPS – SET/TAKEOFF TRIM – SET/TAKEOFF THROTTLE – ADVANCE GAUGES – SCAN/GREEN V_R – 65 – 75 KTS ACCELERATE – 78 KIAS GEAR UP POSITIVE RATE & NO USEABLE RUNWAY V_Y – 90 KIAS 500’ – 25/2500 RPM</p>
<p style="text-align: center;"><u>BEFORE TAXI</u></p> <p>ENVIRONMENTAL (AIR/HEAD) – SET CIRCUIT BREAKERS – IN MIXTURE – LEAN AUXILIARY VACUUM – TEST RADIO MASTER – ON AVIONICS – SETUP/CHECK ANNUNCIATORS (TOPS 3) – CLEAR FLIGHT INSTRUMENTS – SET/CHECK FUEL SELECTOR – SWITCH TANKS ATIS – OBTAIN AREA – CLEAR BRAKES – TEST STEERING – CHECK TRANSPONDER – STBY</p>	<p style="text-align: center;"><u>CLIMB CHECKLIST</u></p> <p>LANDING GEAR – UP/LIGHTS FLAPS – RETRACT CLIMB POWER – 25/2500 RPM MIXTURE – AS REQUIRED EN ROUTE – 104 KIAS GAUGES - SCAN</p>

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<p style="text-align: center;"><u>WHEN REACHING 1000 FEET</u></p> <p>FUEL PUMP – OFF LANDING LIGHT – OFF</p>	<p style="text-align: center;"><u>EMERGENCY PROCEDURES</u></p>
<p style="text-align: center;"><u>CRUISE CHECKLIST</u></p> <p>CRUISE POWER – SET MIXTURE – AS REQUIRED FUEL PUMP – OFF LANDING LIGHT – OFF GAUGES – SCAN/GREEN FUEL – SWITCH EVERY 30 MINS</p>	<p style="text-align: center;"><u>POWER LOSS DURING TAKEOFF</u></p> <p>NOSE DOWN GEAR DOWN SWITCH TANKS IF SUFFICIENT ALTITUDE MIXTURE – RICH PROPELLER – FORWARD FUEL PUMP – ON ALTERNATE AIR - OPEN</p>
<p style="text-align: center;"><u>DESCENT CHECKLIST</u></p> <p>MIXTURE – ADJUST AS REQUIRED POWER – ADJUST WITH DESCENT GAUGES – SCAN/GREEN</p>	<p style="text-align: center;"><u>POWER LOSS DURING FLIGHT</u></p> <p>AIRSPED – 79 KTS BEST LANDING SPOT FUEL SELECTOR – SWITCH TANKS FUEL PUMP – ON MIXTURE – RICH ALTERNATE AIR – OPEN MAGS – BOTH THE R & L MASTER SWITCH – ON ENGINE GAUGES – CK (OIL PRES/OIL TEMP/FUEL) TRANSPONDER – 7700 COMM RADIO – 121.5</p>
<p style="text-align: center;"><u>APPROACH & LANDING CHECKLIST</u></p> <p>SEATBELTS – FASTENED ELECTRIC FUEL PUMP – ON FUEL SELECTOR – FULLEST TANK MIXTURE – RICH GEAR – DOWN/3 GREEN PROPELLER – FORWARD FLAPS – SET/103 MAX GUMP – 5x – B/F LANDING GAS/UNDERCARRIAGE/MIXTURE/PROP</p>	<p style="text-align: center;"><u>GEAR DOWN LANDING</u></p> <p>LANDING GEAR – DOWN FLAPS – AS DESIRED THROTTLE – CLOSE PROPELLER – DECREASE MIXTURE – IDLE/CUT OFF IGNITION – OFF BATT MSTR – OFF ALTR SWITCH – OFF FUEL SELECTOR – OFF SEATBELTS – TIGHTEN DOOR - UNLATCH</p>
<p style="text-align: center;"><u>AFTER LANDING</u></p> <p>TRANSPONDER – STANDBY PITOT HEAT – OFF LANDING LIGHT – OFF ELECTRIC FUEL PUMP – OFF MIXTURE – LEAN FLAPS – RETRACT TAXI CLEARANCE – OBTAIN</p>	<p style="text-align: center;"><u>GEAR UP LANDING</u></p> <p>FLAPS – AS DESIRED THROTTLE – CLOSE PROPELLER – DECREASE MIXTURE – IDLE/CUTOFF IGNITION – OFF BATT MSTR – OFF FUEL SELECTOR – OFF SEATBELTS – TIGHTEN DOOR - UNLATCH</p>
<p style="text-align: center;"><u>STOPPING ENGINE</u></p> <p>FLAPS – RETRACTED ELECTRIC FUEL PUMP – OFF RADIO MSTR – OFF ELECTRICAL SWITCHES – OFF PROPELLER – FORWARD THROTTLE – CLOSED MIXTURE – CLOSED MAGNETOS – OFF ALTR SWITCH – OFF BATT MSTR SWITCH – OFF</p>	