

Checklist - Aztec

(F) Flow (D) Do (M) Memory

(D) Interior	Engine Start (F)	Before Take Off (F)
AC Status MX and ARROW	Brakes Set	Crossfeed Check
Avionics Master OFF	Primer As Required	Engine Gauges Check
Fuel Selector BOTH ON	Throttle Controls Open, 1"	Alternators Check
Flaps CHECK	Propeller Controls FORWARD	Autopilot Check
Flap Lever - Down	Mixture Controls RICH	Cowl Flaps Open
Hand Pump 16x (SLOWLY), Then Stow	Fuel Pumps - On until Flow/ OFF	Mixture & Propellers Full
Gear Lever Down	Magneto Switches ON	Quadrant Friction Set
Master Switch ON	Propellers Clear	Trim Set
Gear Lights 3 Green	Engine Starter Engage	Flaps Verify
Fuel Qnty Confirm	Power 1000 RPM	Door Locked
Fuel Pumps - CHECK THEN OFF	Oil Pressure Check	Icing Equipment As Required
Cowl Flaps OPEN	Vacuum Check	Fuel Pumps ON
Alternator Inop Lights - CHECK	Alternator Check	Transponder Set
Exterior Lights/Stall Horn - CHK	Gear Handle - Return to Neutral	Lights ON
Master Switch OFF	<i>Second Engine - Repeat Eng Start Abv</i>	Takeoff (F)
Magneto Switches OFF	Mixtures Set for Taxi	Throttles - 1500 RPM
Mixture IDLE CUT-OFF	Avionics Master ON	Engine Instruments - Check
Trim Neutral	Flaps Retract	Brakes - OFF
Flight Contrls - FREE/CORRECT	Pre Taxi & During Taxi	Throttles - Full
Cross- Feed Drain	Lights As Required	Power/Airspeed - Check
Emergency Exit Secure	Autopilot Check, OFF	Rotate - Vr 64kts
Parking Brake SET	Flight Instruments Check	Landing Gear UP
Exterior (D)	Crossfeed Test	POSITIVE RATES
Rear Baggage Door Check	Crossfeed - Test	Climb (Above 1000' AGL (F))
Fuselage & Antennas Check	Either Tank - OFF	Power - Set, 24"/2500 RPM
X-feed Drain Check Drained	Engine Run-UP	Best Rate of Climb - 103 kts
Right Wing Check	Parking Brake Set	Engine Instruments Check
Windshield Check	Flight Controls Free/Correct	Cowl Flaps - As Required
Nose gear Check	Crossfeed OFF	Lights - As Required
Nose Baggage Door Check	Fuel Tanks Fullest	Fuel Pumps - Off One at a Time
Nose Section Check	Cabin Heater Check	Cruise (F)
Left Wing Check	Engine Temperature Warm	Power Set
Empennage Check	Mixtures Full Rich	Training Cruise 19"/2200 RPM
Tie Downs Removed	Proppellers Full, High RPM	Engine Instruments Check
<u>Left & Right Wings</u>	Propeller Sync Manual	Cowl Flaps As Required
Wing, Flap, Aileron Check	Engine Gauge Check	Mixture Set
Tie-down Removed	Throttle Set 1500 RPM	Descent (F)
Fuel Caps Check Qty/Secure	Feather Check Complete	Mixture Enrich w/Descent
Langing Gear Check	Max Drop - 500 RPM Drop	Power Set
Engine Inspection Check	Throttles Set 2200 RPM	AWOS Reveive
Fuel Sump - Drain 3 sec	Propeller Controls Exercise	Approach Brief Complete
Engine Oil - 9 to 12 qts	Max Drop - 300 RPM	Cowl Flaps Closed
Prop/Spinner - Check	Man Press-Increase/Oil Decrease	Before Landing (F)
Pitot-Static (Left Wing) Check	No visible Oil On Cowl	GUMPS Complete
Before Engine Start (D)	Magnetos Check	Seats/Seat belts Secure
Briefings Complete	Max Drop - 175 RPM	Fuel Pumps ON
Doors Latched	Max L/R Difference - 50 RPM	Mixture Rich
Auxiliary Latch Engaged	Engine Instruments Check	Propeler FWD
Seat, Seatbelts Secure	Alternators Check	Fuel Selectors Fullest Tank
Parking Brake Set	Vacuum Check	Crossfeed OFF
Circuit Brakers Check	Take Off Briefing	Cowl Flaps As Required
Alternators ON	1. Departure runway	Landing Gear- Down Below 132
Electrical Switch - As needed	2. Takeoff Distance	Flaps Set
Fuel Pumps & Crossfeed OFF	3. Accelerate STOP Distance	Heater FAN
Cowl Flaps OPEN	4. Speeds: Vr (65), Climb 103	Breaks Check
Heater OFF	5. Heading/Alt or Nav	Propeller Sync Manual
De-ice OFF	6. Engine Failure Procedures	Landing Lights ON
Master Switch & Beacon ON	Before Take Off (F)	Approach Speed 100 Kts
Gear Lights Check 3 Green	Briefing Complete	Threshold Speed 70-80 Kts
Door Ajar Light OFF	Seats & Seat Belts Secure	Vr -- 65
Mixture Controls Cut-OFF	Door Secure	VA -- 131
Propeller Sync OFF	Avionics Check	fe141/123/108
Gear Handle Down For Test	Fuel Selector Fullest Tank	VY -- 103
		Vno -- 175
		Vs1 -- 547
		VX -- 89
		Vle/o -- 132
		Vso -- 55
		Vyse - 88
		MCA - ??
		Vne -- 221

After Landing (F)	Eng Fire In Flight (M) (F)	High Oil Temp (DO)
Lights As Required	<u>Mixture Idle (ID/Verify) Cut OFF</u>	Oil Pressure CHECK
Flaps Retract	<u>Fuel Pumps & Selector OFF</u>	Cowl Flaps OPEN
Cowl Flaps Open	<u>Propeller Feather</u>	Mixture RICH
Fuel Pumps OFF	<u>Good Engine Increase Power</u>	Power REDUCE
Mixtures FWD	<u>Drag (Flaps, Gear, Cowl Flap) As Reqd</u>	Airspeed if Possible INCREASE
Propeller FWD	<u>Alternator & Magnetos OFF</u>	Coming Out of Crossfeed (D)
De-Ice OFF	<u>Electrical Load Reduce</u>	Fuel Selector OP ENG ON
Heater FAN	<u>Loss of Pwr Pro Complete</u>	Fuel Pump Op Eng ON
Trim Neutral	<u>Land at Nearest Suitable Airport</u>	Fuel Pump Inop Eng OFF
Engine Shutdown (F)	Eng Fire On Ground (M) (F)	Crossfeed Valve OFF
Parking Brake Set	<u>Starter Continue Cranking</u>	Fuel Selector Inop Eng OFF
Heater OFF	<u>Fuel selector & Pumps OFF</u>	Fuel Pump Op Eng As Req
Avionics OFF	<u>Brakes As Required</u>	Engine Overheat (D)
Magnetos Check	<u>Throttle OPEN</u>	Cowl Flaps OPEN
Mixture 1st Eng Started - Cut-OFF	<u>Mixture Idle, Cut OFF</u>	Mixture RICH
Gear Handle Neutral	Electrical Fire (M) (F)	Power REDUCE
Mixture 2nd Eng Started - Cut-OFF	<u>Master Switch OFF</u>	Airspeed INCREASE
Magnetos OFF	<u>Circuit Breakers Check, Pull ALL</u>	Single Engine Landing (D)
Lights OFF	<u>Elect Switches & Avionics OFF</u>	Inop Eng SECURED
Master Switch OFF	<u>Heater OFF</u>	Hydraulic Pump CHECK
Flight Controls Secure	Air vents OFF	Seat Belt/Shoulder SECURED
Eng Failure Takeoff Roll (M) (F)	Fire Extinguisher USE	Heater FAN
<u>Throttle Idle</u>	<i>When Fire Extinguished</i>	Boost Pump OP Eng ON
<u>Brakes Apply</u>	Master Switch ON	Mixture Op Eng RICH
Fuel Selector OFF	Air Vents OPEN	Prop Op Eng FWD
Magnetos OFF	Switches & Breakers-ON 1 @ time	Fuel Qty CHECK
Master Switch OFF	Emergency Descent (F)	Cowl Flaps Op Eng As Req
Eng Fail After Takeoff (M) (F)	Throttles IDLE	Fuel Selector OP ENG ON
<u>Airspeed Blue Line (88Kts)</u>	Propellers FWD	Crossfeed OFF
<u>Mixture/Prop/Throttle FULL</u>	Airspeed Dive 172 Kts or Va	Airspeed 100 KIAS
<u>Flaps UP</u>	Cowl Flaps Closed	Altitude Stay High
<u>Landing Gear UP</u>	Propeller Overspeed (D)	Gear DOWN
<u>Failed Eng - ID/Verify/Feather</u>	Throttle Retard	Power Retard in Flare
Airspeed Blue Line (88Kts)	Airspeed Reduce	Engine Roughness (D)
Trim 5 Deg Towards Op Eng	Throttle Add after RPM Control	Boost Pumps ON
Cowl Flap (Inop Eng) Close	Airspeed Maintain	Engine Inst CHECK
Cowl Flap (Op Eng) Minimum	<i>Slower than overspeed occurred</i>	Mixture AS REQ
Climb If Possible	<i>Lower RPM if Higher AS Req</i>	Alternate Air OPEN
Inop Eng Feather	Descend At 2,200 RPM	Cowl Flaps Adjust for CHT
Fuel Selector (Inop Eng) OFF	Land At 2,400 RPM	Fuel Tank SWITCH
Fuel Pump (Inop Eng) OFF	Prop will not feather while overspeeding	Magnetos CHECK
Magneto (Inop Eng) OFF	therefore, don't feather or shutdown engine	Gear UP Landing (D) (M)
Eng Fail During Flight (M) (F)	until engine is controlled	Before Lnd Check Complete
Airspeed Maintain Altitude-88kt	Airstart (Unfeather) Procedure (D)	Gear Selector UP
Mixture/Props/Throttle FULL	Fuel Selector ON	Make normal App w/ PWR
Flaps UP	Throttle Open 1/4"	Throttles Close at Touch Down
Landing Gear UP	Mixture RICH	<u>Master Switch OFF</u>
Fuel Selector Confirm Tank	Fuel Pumps Prime, Then OFF	<u>Magneto Switches OFF</u>
Fuel Quantity & Flow Confirm	Propeller FWD	<u>Fuel Selectors OFF</u>
Engine Instruments Inspect	Magnetos ON	Touchdown Min Speed
Fuel Pumps ON	Starter Engage	Alternator Failure (D)
Magneto Switch ON	<i>Continue until Prop Unfeathers</i>	1 or 2 Inop lights ON
Crossfeed Attempt	Throttle Reduce	Elec Load REDUCE
Engine Securing Procedure	<i>2,000 RPM Max until Warm</i>	Master affected side OFF
Throttle Close	Engine Instruments Check	Altr Circuit Breakers Reset
Prop Feather - 1,000 RPM Min	Alternator ON	Master Both ON
Mixture IDLE, CUT-OFF	Going into Crossfeed (D)	<i>Both Lgts off Switches as needed</i>
Cowl Flaps Closed	Fuel Selector (Inop Eng) ON	<i>If one alt light remains on</i>
Magnetos OFF	Fuel Pump (Inop Eng) ON	Master affected side OFF
Fuel Pump OFF	Crossfeed Valve ON	Elec Load REDUCE
Fuel Selector OFF	Fuel Pump & Selector OP eng OFF	<i>If Both Alt light remain on</i>
Alternator Switch OFF	Low Oil Pressure (D)	Master Switches BOTH ON
Propeller Sync Manual	Oil Temp CHECK	Alternator CBs BOTH OFF
Electrical Load Reduce	<i>If oil temp is High Proceed with</i>	Land NEAREST SUITABLE
Crossfeed As Required	<i>Engine Shut down Procedure</i>	