

DHC-2 BEAVER PW Wasp junior 960 450HP

DHC3 OTTER (King Beaver) PW Wasp 1340 650HP

PZL 1800 1000HP

Wheels / skis / floats

Pre-Start Checklist

Parking Brake	SET
Throttle	IDLE
Propeller	HIGH RPM
Fuel Flow / Mixture	CUTOFF
Battery & Altr Switches	OFF
Magneto Switch	OFF
Starter Switch	OFF
Fuel Boost Pump Switch	OFF
Pitot Heat	OFF
Carb Heat	OFF
Exterior Inspection	DONE , Floats empty covers removed plane detached
Battery Switch	ON
Panel Light	AS REQ'D
Flaps	UP
Flight Controls	FREE
Elevator Trim	SET for takeoff
Fuel Quantities	CHECK, FILL AS REQ'D
Fuel Tank Selector	FULLEST TANK
Clock	SET
Radios	ON
Transponder	STANDBY
Beacon	ON

Pre-Start Checklist done



Startup Checklist

Engine and Propeller Area	CLEAR
Throttle	OPEN 1/4 INCH
Propeller	HIGH RPM
Mixture	RICH
Carburator Heat	OFF
Manual Fuel inj. Pump	6 @ 12 times (cold) + prepare 1
Magneto Switch	OFF
Starter Switch	START
Magneto Switch	BOTH after 5 blades
Throttle	1200RPM
Alternator Switch	ON
Oil Pressure, Ammeter	CHECK
Engine Instruments	ALL GREEN

Startup Checklist done

Before Taxi Checklist

Nav (Pos) Lights	ON
Altimeter	SET
Heading Indicator	SET
Radios and Avionics	CHECKED and SET
Fuel Selector	FULLEST TANK

Before Taxi Checklist done

Taxi Checklist

Parking Brake	RELEASE
Brakes	CHECK
Directional Gyro	CHECK
Turn Coordinator	CHECK
Artificial Horizon	CHECK

Taxi Checklist done

Before Take-off Checklist

Parking Brake	OFF
Throttle	IDLE
Propeller	HIGH RPM
Mixture	RICH
Carb Heat	OFF
Elevator Trim	SET for takeoff
Flaps	AS REQ'S
Flight Controls	FREE AND CORRECT
Radios and Avionics	SET
Landing Lights	ON
Strobe Light	ON
Pitot Heat	ON
Fuel Boost Pump	ON
Engine Instruments	CHECK
Transponder	ON

Before Take-off Checklist done

Take-off Checklist

MIX-PITCH-POWER	FR - FP - 36"
Brakes	RELEASE
STEP	30 beaver / 35-40 king
V1	50
Vr	65 beaver / 70 king
climb	75beaver / 80 king
At 500' AGL Flaps	0
Engine Instruments	ALL GREEN

Take-off Checklist done

Climb Checklist

Airspeed	80
MP	32"
PITCH	2000 RPM
MIX	FULL RICH
Climb rate	700 fpm
Landing Lights	OFF
Fuel Boost Pump	OFF

Climb Checklist done

Cruise Checklist

speed	110 beaver / 115 king
MP	26"
PITCH	2000 RPM
MIX	LEAN AS REQ'D
Carb Heat	AS REQ'D
Engine+Instruments	CHECK
Fuel Quantity	CHECK
Radios	AS REQ'D
Lights	AS REQ'D
Engine Instruments	CHECK

Cruise Checklist done

Descent Checklist

Altimeter	CHECK
Radios	AS REQ'D
Descent Speed	105
Propeller	1800 RPM
Descent Rate	-700 fpm
Flaps	CHECK

Descent Checklist done

Approach Checklist

Landing Lights	ON
Carburator Heat	ON
Fuel Selector	FULLEST TANK
Fuel Boost Pump	ON
Speed:	90, 21" to 80, 19"
PITCH	FP
Mix	FR

approach Checklist done

FINAL Checklist

Flaps	FULL
Speed:	70, 16"
Elevator Trim	NOSE UP
Parking Brake	VERIFY OFF
Landing Speed	60
Brakes	MINIMUM REQ'D

FINAL Checklist done

Taxi To Ramp

Strobe Light	OFF
Flaps	0
Landing Lights	OFF
Elevator Trim	0
Avionics/Radios	AS REQ'D
Transponder	1200

Taxi To Ramp checklist done

Shutdown Checklist

Parking Brake	SET
Throttle	IDLE
Carburator Heat	OFF
Fuel Boost Pump	OFF
Pitot Heat	OFF
Nav (Pos) Lights	OFF
Radios	OFF
Mixture	ICO
Magneto Switch	OFF
Fuel Tank Selector	OFF
Beacon	OFF
Panel Light	OFF
Battery Switch	OFF
Alternator Switch	OFF

Shutdown Checklist done

Securing Aircraft

Parking Brake Verify	SET
Throttle Verify	IDLE
All Switches Verify	OFF
Tachs and chronos	reported
Commands	LOCKED
PLANE	HAMMERED ON GND!!!
ANCHOR	wet
Engine, wings and canopy	COVERED
Beer	OPEN

Securing Aircraft Checklist done