DHC-2 Beaver (wheel)
Microsoft Flight Simulator 2004

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Other simulator checklists and other sim/real aviation items available for download at http://www.faatest.com
and http://www.faatest.com/downloads/simchecklists/simchecklists.html

100 KTS ≈ 115,4 MPH   100 MPH ≈ 86,7 KTS

DHC-2 Beaver wheel version

Pre-Start Checklist

Exterior Inspection	
Parking Brakes	SET
Throttle	CLOSED
Propeller	HIGH RPM
Fuel Flow / Mixture	CUTOFF
Battery & Generator Switches	OFF
Both Magneto Switches	OFF
Starter Switch	OFF
Fuel Boost Pump Switch	OFF
Pitot Heat	OFF
Carburator Heat	COLD
Battery Master Switch	ON
Flaps	UP
Flight Controls	CHECK
Elevator Trim	SET for takeoff
Fuel Quantities	CHECK
Fuel Tank Selector	FULLEST TANK
Clock	SET
Radios	ON
Check Weather	(ATIS, Flight Services)

Request Clearance

Transponder	STANDBY
Strobe Light	ON

Landing Checklist

Landing Speed	55 MPH IAS
Touchdown	MAIN WHEELS FIRST
Landing Roll	LOWER TAIL WHEEL
Brakes	MINIMUM REQUIRED

Taxi To Ramp

Flaps	RETRACT
Landing Lights	OFF
Transponder	1200
Speed	Max. 20 MPH
Elevator Trim	TAKEOFF SETTING
Avionics/Radios	AS REQUIRED

Shutdown and Securing Aircraft Checklist

Parking Brake	SET
Throttle	IDLE
Carburator Heat	COLD
Fuel Boost Pump	OFF
Pitot Heat	OFF
Nav (Pos) Lights	ON
Mixture	CUTOFF
Both Magneto Switches	OFF
Strobe Light	OFF
Fuel Tank Selector	OFF
Battery Master Switch	OFF
Generator Switch	OFF

Securing Aircraft

Parking Brake	Verify SET
Throttle	Verify IDLE
All Switches	Verify OFF

Startup Checklist

Engine and Propeller Area	CLEAR
Throttle	OPEN 1/4 INCH
Propeller	HIGH RPM
Mixture	RICH
Fuel Boost Pump Switch	ON
Both Magneto Switches	ON
Starter Switch	START (repeatedly)
Throttle	IDLE
Fuel Boost Pump Switch	OFF
Generator Switch	ON
Oil Pressure, Ammeter	CHECK
Engine Instruments	CHECK

Before Taxi Checklist

Nav (Pos) Lights	ON
Altimeter	SET
Heading Indicator	SET (Press "D")
Radios and Avionics	CHECKED and SET
Fuel Selector	FULLEST TANK
Request Taxi Clearance	

Taxi Checklist

Parking Brake	RELEASE
Taxi to assigned runway	SPEED Max. 20 MPH
Brakes	CHECK during taxi
Directional Gyro	PROPER IND. during turns
Turn Coordinator	PROPER IND. during turns
Artificial Horizon	ERECT during turns

Before Take-off Checklist

Parking Brake	SET
Throttle	IDLE
Propeller	HIGH RPM
Mixture	RICH
Generator Switch	VERIFY ON
Ammeter	CHECK Positive charge ind.
Elevator Trim	SET for takeoff
Flaps	SET FOR TAKEOFF
Flight Controls	FREE AND CORRECT
Radios and Avionics	SET
Landing Lights	ON
Pitot Heat	ON
Fuel Boost Pump	ON
Engine Instruments	CHECK
Transponder	ON

Request Takeoff Clearance

Take-off Checklist

Smoothly increase thrust to	FULL	37"
Brakes	RELEASE	
At 35 MPH	apply forward yoke until tail lifts to horizontal	
V1 =	55 MPH IAS (descision)	
Vr =	65 MPH IAS (rotate)	
Pitch	10-15 degrees	
At Positive Climb Rate	Touch Brakes	
Trim for climb to maintain	75 MPH IAS	
At 500' AGL	Flaps SET FOR CLIMB	
Engine Instruments	CHECK	

Climb-out Checklist

Airspeed	90-95 MPH IAS	32"
Climb rate	700 fpm	
Landing Lights	OFF	
Fuel Boost Pump	OFF	
ATC	*AS REQUIRED*	

Cruise Checklist

Set Flaps to	CRUISE	
Accelerate to cruise speed	135 MPH IAS	31"
Ceiling altitude	15'000 ft	
Engine+Instruments	CHECK	
Fuel Quantity	CHECK	
Radios	TUNED and SET	
Lights	AS REQUIRED	
Engine Instruments	CHECK	

Descent Checklist

Atis/Airport Information	CHECK	
Altimeter	CHECK	
Radios	SET	
Descent Speed	120 MPH IAS	17"
Descent Rate	-700 fpm	
Flaps	CHECK UP	

Approach Checklist

Landing Lights	ON	
Carburator Heat	HOT	
Fuel Selector	FULLEST TANK	
Fuel Boost Pump	ON	
Speed: Establish	90 MPH IAS	17"

Final descent

Flaps	SET TO LAND	
Speed: Establish	80 MPH IAS	18"
Propeller	HIGH RPM	
Mixture	RICH	
Elevator Trim	AS DESIRED	
Parking Brake	VERIFY OFF	