

Aviat Husky A-1B

Microsoft Flight Simulator 2004

Aircraft and Panel by Steven Grant

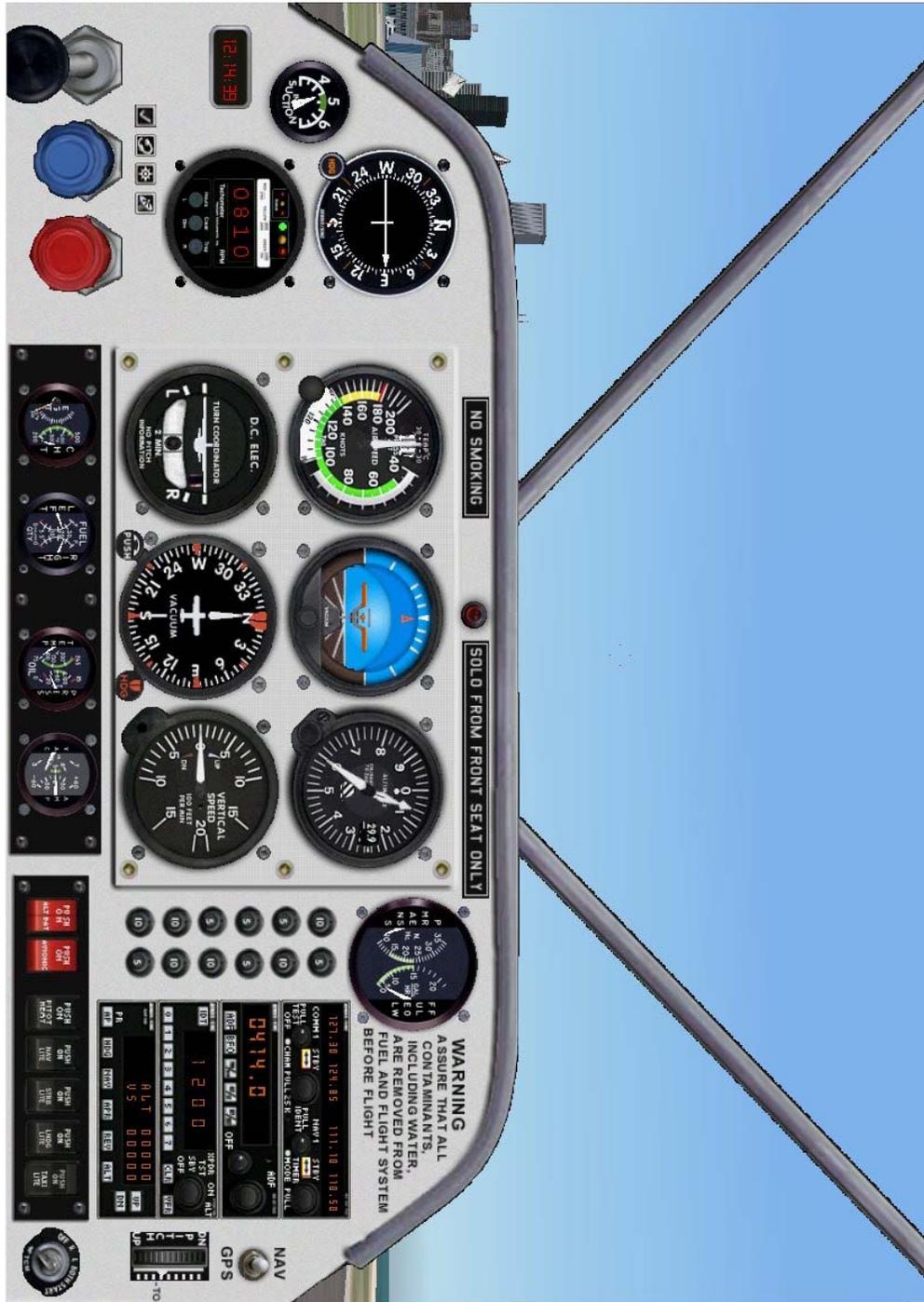


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Other simulator checklists and other sim/real aviation items available for download at <http://www.faatest.com> and <http://www.faatest.com/downloads/simchecklists/simchecklists.html>

Pre-Start Checklist

Parking Brakes	SET
Throttle	IDLE
Magneto/Starter Switch	OFF
Battery & Alternator Switch	OFF
Avionics Master Switch	OFF
Propeller	HIGH RPM
Fuel Flow / Mixture	CUTOFF
Flaps	UP
Battery Switch	ON
Fuel Quantity	CHECK
Flight controls	CHECK
Avionics Master Switch	ON
Check Weather	(ATIS, Flight Services)

Request Clearance

Transponder	STANDBY
Beacon	ON

Startup Checklist

Engine and Propeller Area	CLEAR
Throttle	OPEN 1/4 INCH
Propeller	HIGH RPM
Fuel Flow / Mixture	FULL RICH
Magneto/Starter Switch	START
Throttle	IDLE
Alternator	ON
Oil Pressure	CHECK
Ammeter+Voltmeter	CHECK for CHARGE
Engine Instruments	CHECK

Before Taxi Checklist

Nav Lights	ON
Taxi Lights	ON
Heading Indicator / Altimeter	SET
Instruments	NORMAL OPERATION
Radios and Avionics	CHECKED and SET

Request Taxi Clearance



Speed	Max. 20 knots
Elevator Trim	TAKEOFF SETTING
Avionics/Radios	AS REQUIRED
Transponder	1200

Shutdown Checklist

Parking Brake	SET
Throttle	IDLE
Avionics Master Switch	OFF
Taxi-Lights	OFF
Nav Lights	OFF
Pitot Heat	OFF
Fuel Flow	CUTOFF
Magneto/Starter Switch	OFF
Beacon	OFF
Alternator Switch	OFF
Battery Switch	OFF

Securing Aircraft

Parking Brake	Verify SET
Throttle	Verify IDLE
All Switches	Verify OFF



Taxi Checklist

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

Before Take-off Checklist

Parking Brake	SET
Fuel Quantity	CHECK
Throttle	IDLE
Propeller	HIGH RPM
Mixture	FULL RICH
Alternator Switch	VERIFY ON
Throttle	1800 RPM
Magnetos	CHECK
	<150 RPM drop on each,
	<50 RPM drop between
	CHECK Positive charge ind.
Ammeter	IDLE
Throttle	SET for takeoff
Elevator Trim	UP
Flaps	FREE AND CORRECT
Flight Controls	SET
Radios and Avionics	ON
Landing Lights	ON
Taxi Lights	OFF
Engine Instruments	CHECK
Strobe Light	ON
Pitot Heat	ON
Transponder	ON

Request Takeoff Clearance



Take-off Checklist

Smoothly increase thrust to	FULL	
Brakes	RELEASE	
At 35 MPH	apply forward yoke until tail lifts to horizontal	
V1 =	50 KIAS (descision)	
Vr =	60 KIAS (rotate)	
Pitch	10-15 degrees	
At Positive Climb Rate	Touch Brakes	
Trim for climb to maintain	70 KIAS	
At 500' AGL	RETRACT Flaps	
Lights	AS DESIRED	
Engine Instruments	CHECK	

Climb-out Checklist

Throttle	FULL	
Airspeed	80 KIAS	22"
Climb Rate	700 fpm	
Landing Lights	OFF	
Engine Instruments	MONITOR	
ATC	AS REQUIRED	

Cruise Climb

Airspeed	85 KIAS	23"
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Cruise Checklist

Accelerate to cruise speed	115 KIAS	24"
Service Ceiling	20'000 ft	
Engine+Instruments	CHECK	
Engine Temperatures	STABILIZE at cruise cond.	
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	100 KIAS	15"
Descent Rate	-700 fpm	
Flaps	CHECK UP	
Fuel Balance	CHECK	
Check Weather	(ATIS, Flight Services)	

Approach Checklist

Localizer Level Flight :

Landing Lights	ON	
Propeller	HIGH RPM	
Mixture	FULL RICH	
Speed: Establish	90 KIAS	18"
Flaps	10 degrees	
Speed: Establish	70 KIAS	17"
Turning toward runway: set flaps	20 degrees or FULL DOWN	

Final Glideslope Descent :

Speed: Establish	650 KIAS	15"
Descent Rate	-300 fpm	
Parking Brake	VERIFY OFF	

Landing Checklist

Landing Speed	50 KIAS	
Touchdown	MAIN WHEELS FIRST	
Landing Roll	LOWER TAIL WHEEL	
Brakes	MINIMUM REQUIRED	

Taxi To Ramp

Strobe Lights	OFF	
Flaps	RETRACT	
Taxi Lights	ON	
Landing Lights	OFF	