



Lancair Legacy 2000

Microsoft Flight Simulator 2004

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 Panel : Robert Christopher



Foto: Lancair



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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 & Engine Start Switch	OFF
Battery & Alternator Switches	OFF
Fuel Boost Pump Switch	OFF
Avionics	OFF
Landing Gear Lever	CHECK DOWN
Flaps	UP
Propeller	HIGH RPM
Fuel Flow / Mixture	CUTOFF
Battery Switch	ON
Panel Lights	ON if required
Fuel Quantity	CHECK
Flight controls	CHECK
Elevator Trim	SET for takeoff
Avionics	ON
Check Weather	(ATIS, Flight Services)
Pitot Heat	TEST/CHECK
Request Clearance	
Transponder	STANDBY
Beacon	ON

Startup Checklist

Engine and Propeller Area	CLEAR
Throttle	OPEN ¼ INCH
Propeller	HIGH RPM
Fuel Flow / Mixture	FULL RICH
Fuel Boost Pump	ON
Throttle	until fuel flow peaks, then OFF
Throttle	IDLE, cracked
Magneto & Engine Start Switch	START (hold until engine starts)
Oil Pressure	CHECK
Alternator	ON
Alternator Annunciator	EXTINGUISHED
Loadmeter / Voltmeter	CHECK
Engine Instruments	CHECK



Taxi To Ramp

Strobe Light	OFF
Speed Brake	RETRACT
Flaps	RETRACT
Taxi Lights	ON
Landing Lights	OFF
Speed	Max. 20 knots
Elevator Trim	TAKEOFF SETTING
Avionics/Radios	AS REQUIRED
Transponder	1200

Shutdown Checklist

Parking Brake	SET
Throttle	IDLE
Fuel Boost Pump	OFF
Avionics Switch	OFF
Taxi Lights	OFF
Nav Light	OFF
Pitot Heat	OFF
Fuel Flow	CUTOFF
Magneto & Engine Start Switch	OFF
Beacon	OFF
Panel Lights	OFF
Battery / Alternator Switches	OFF

Securing Aircraft

Parking Brake	Verify SET
Throttle	Verify IDLE
All Switches	Verify OFF

Before Taxi Checklist

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

Request Taxi Clearance

Taxi Checklist

Parking Brake	RELEASE
Taxi to assigned runway	SPEED Max. 20 knots
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
Fuel Quantity	CHECK
Throttle	IDLE
Propeller	HIGH RPM
Mixture	RICH
Alternator Switch	VERIFY ON
Throttle	2000 RPM
Magnetos	CHECK
	<150 RPM drop on each, <50 RPM drop between
Ammeter	CHECK Positive charge ind.
Throttle	IDLE
Fuel Boost Pump	ON
Elevator Trim	SET for takeoff
Flaps	1 NOTCH
Flight Controls	FREE AND CORRECT
Radios and Avionics	SET
Landing Lights	ON
Taxi Lights	OFF
Strobe Light	ON

Pitot Heat	ON
Engine Instruments	CHECK
Transponder	ON
Request Takeoff Clearance	

Take-off Checklist

Smoothly increase thrust to	FULL	
Brakes	RELEASE	
V1 =	75 KIAS (decision)	
Vr =	85 KIAS (rotate)	
Pitch	10 degrees	
At Positive Climb Rate	Touch Brakes	
Landing Gear	RETRACT	
At 500' AGL	RETRACT Flaps	
Trim for climb to maintain	110 KIAS	16"
Fuel Boost Pump	OFF	
Annunciator Lights	CHECK OFF	
Engine Instruments	CHECK	

Climb-out Checklist

Throttle	FULL	
Autopilot	CHECK and SET	
Landing Lights	OFF	
Airspeed	135 KIAS	16"
Engine Instruments	MONITOR	
ATC	AS REQUIRED	

Cruise Checklist

Accelerate to cruise speed	8000 ft	220-240 KIAS	19"
Service Ceiling		18'000 ft	
Engine+Instruments		CHECK	
Engine Temperatures		STABILIZE at cruise cond.	
Fuel Quantity		CHECK	
Radios		TUNED and SET	
Autopilot		CHECK and SET	
Lights		as required	
Engine Instruments		CHECK	

Descent Checklist

Atis/Airport Information	CHECK	
Altimeter	CHECK	
Radios	SET	
Descent Speed	170 KIAS	11"
Descent Rate	-700 fpm	
Speed Brake	as required	
Flaps	CHECK UP	
Landing Gear	CHECK UP	
Check Weather	(ATIS, Flight Services)	

Approach Checklist

Localizer Level Flight :

Landing Lights	ON	
Fuel Boost Pump	ON	
Propeller	HIGH RPM	
Mixture	FULL RICH	
Speed Brake	as required	
Speed: Establish	130 KIAS	13"
Flaps	1 NOTCH	
Speed: Establish	110 KIAS	14"
Landing Gear	DOWN	16"
Turning toward runway: set flaps	FULL DOWN	

Final Glideslope Descent :

Speed: Establish	90 KIAS	14"
Elevator Trim	AS DESIRED	
Parking Brake	VERIFY OFF	

Landing Checklist

Landing Gear	CHECK DOWN
Autopilot	OFF
Landing Speed	80 KIAS
Touchdown	MAIN WHEELS FIRST
Landing Roll	LOWER NOSE WHEEL
Speed Brake	EXTEND
Brakes	MINIMUM REQUIRED