



# Lancair Legacy 2000

## Microsoft Flight Simulator 2004

Aircraft : Robert Christopher  
Panel : Robert Christopher



Foto: Lancair



Werner Schott  
Switzerland  
w.schott@abbts.ch



Foto: Vivian A. Watts

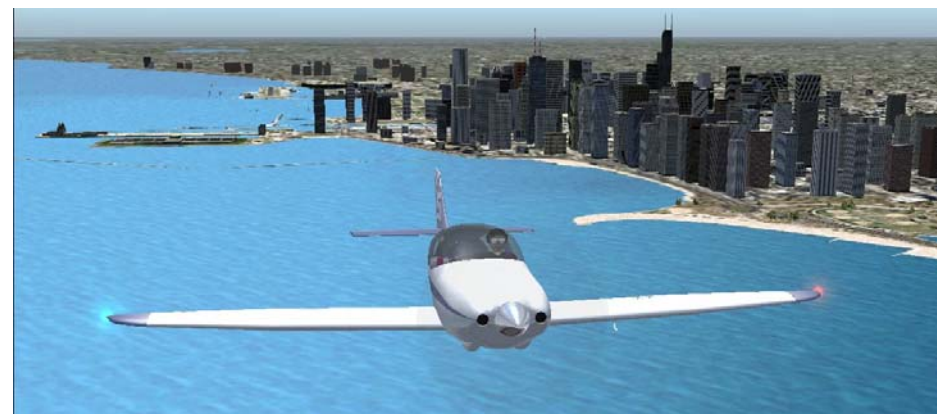
Other simulator checklists and other sim/real aviation items available for download at <http://www.faatest.com> and <http://www.faatest.com/downloads/simchecklists/simchecklists.html>

## 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
<b>Request Clearance</b>	
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
	CHECK Positive charge ind.
	IDLE
	ON
	SET for takeoff
	1 NOTCH
	FREE AND CORRECT
	SET
	ON
	OFF
	ON

Pitot Heat  
 Engine Instruments  
 Transponder  
*Request Takeoff Clearance*

ON  
 CHECK  
 ON

### Take-off Checklist

Smoothly increase thrust to  
 Brakes  
 V1 =  
 Vr =  
 Pitch  
 At Positive Climb Rate  
     Landing Gear  
 At 500' AGL  
 Trim for climb to maintain  
 Fuel Boost Pump  
 Annunciator Lights  
 Engine Instruments

FULL  
 RELEASE  
 75 KIAS (descision)  
 85 KIAS (rotate)  
 10 degrees  
 Touch Brakes  
 RETRACT  
 RETRACT Flaps  
 110 KIAS                      16"  
 OFF  
 CHECK OFF  
 CHECK

### Climb-out Checklist

Throttle  
 Autopilot  
 Landing Lights  
 Airspeed  
 Engine Instruments  
*ATC*

FULL  
 CHECK and SET  
 OFF  
 135 KIAS                      16"  
 MONITOR  
*AS REQUIRED*

### Cruise Checklist

Accelerate to cruise speed    8000 ft  
 Service Ceiling  
 Engine+Instruments  
 Engine Temperatures  
 Fuel Quantity  
 Radios  
 Autopilot  
 Lights  
 Engine Instruments

220-240 KIAS                      19"  
 18'000 ft  
 CHECK  
 STABILIZE at cruise cond.  
 CHECK  
 TUNED and SET  
 CHECK and SET  
 as required  
 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