

# Lockheed L-1049G Super Constellation 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>

## Pre-Start Checklist

Parking Brakes	SET
Throttle	IDLE
Battery Switch	ON
Panel Lights	ON if required
Inverter Switch	ON
Radios	ON
Landing Gear Lever	CHECK DOWN
Cowl Flaps	OPEN
Flaps	UP
Elevator Trim	SET for takeoff (+10)
Fuel Quantities	CHECK
Fuel Tank Selector	MAIN
Fuel Flow / Mixture	CUTOFF
Flight controls	CHECK
Check Weather	(ATIS, Flight Services)
Anti-ice Switches	TEST/CHECK/OFF
<b><i>Request Clearance</i></b>	
Transponder	STANDBY
Beacon	ON

## Startup Checklist

Engine and Propeller Area	CLEAR
Throttle	IDLE, cracked
Generator Switches	ON
Propellers	HIGH RPM
Mixture	FULL RICH
Carburetor Air	COLD and RAM
Spark Control	RETARD
<b>Engine Selector:</b>	<b>Engine 3</b>
Start Switch	ENGAGE, rotate prop six blades
Magnetos	BOTH
Auxiliary Fuel Pump	LOW
Prime	AS REQUIRED
Start Switch	ON (hold until engine starts)
Stabilize	at 1200 RPM
Oil Pressure	CHECK
Auxiliary Fuel Pump	OFF

Anti-ice	OFF
Speed	Max. 20 knots
Elevator Trim	SET for takeoff (+10)
Avionics/Radios	AS REQUIRED
Transponder	1200

## Shutdown Checklist

Parking Brake	SET
Throttle	IDLE
Autopilot Master	OFF
Radios	OFF
Nav Light	OFF
Pitot Heat	OFF
Fuel Flow / Mixture	CUTOFF
Fuel Selector	OFF
Magnetos	OFF
Beacon	OFF
Inverter Switch	OFF
Panel Light	OFF
Cowl Flaps	CLOSE
Generator Switches	OFF
Battery Switch	OFF

## Securing Aircraft

Parking Brake	Verify SET
Throttle	Verify IDLE
All Switches	Verify OFF





## Approach Checklist

### Localizer Level Flight :

Landing Lights	ON	
Auxiliary Fuel Pumps	HIGH	
Auto Feathering	ON	
Propellers	2600 RPM	
Mixture	FULL RICH	
Speed: Establish	170 KIAS	26"
Flaps	TAKEOFF POS.	
Speed: Establish	150 KIAS	30"
Flaps	APPR. POS.	
Speed: Establish	140 KIAS	30"
Flaps	80%	
Speed: Establish	125 KIAS	30"
Landing Gear	DOWN	
Turning toward runway: set flaps	LANDING POS.	

### Final Glideslope Descent :

Speed:- Establish	125 KIAS	23"
Elevator Trim	AS DESIRED	
Parking Brake	VERIFY OFF	

## Landing Checklist

Landing Gear	CHECK DOWN, 3 GREEN
Autopilot	OFF
Landing Speed	115 KIAS
Touchdown	MAIN WHEELS FIRST
Landing Roll	LOWER NOSE WHEEL
After touchdown	Apply Reverse Pitch, at 50 kts: Cancel Reverse Pitch

## Taxi To Ramp

Flaps	RETRACT
Propellers	HIGH RPM
Propeller Synchronizer	OFF
Auto Feathering	OFF
Cowl Flaps	OPEN
Auxiliary Fuel Pumps	OFF
Landing Lights	OFF

### Repeat for

Engine Selector Switch  
Loadmeter/Voltmeter

### Engine 4 - 2 - 1

OFF  
CHECK for CHARGE

## Before Taxi Checklist

Nav 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 / Turn Coordinator	PROPER IND. during turns
Artificial Horizon	ERECT during turns
Propeller Reversing	TEST/CHECK

## Engine Runup

Parking Brake	SET
Throttles	1700 RPM
Propellers	FULL RPM
	DECREASE to 1350 RPM, then FULL RPM
Propellers	FULL DECREASE, then FULL INCREASE
Propeller Synchronizer	ON
Auto Feathering	ON, CHECK
Spark Control	RETARD
Ignition, Engines 1 and 4	CHECK L, BOTH, R, BOTH
	CHECK drop <100 RPM each
Ignition, Engines 2 and 3	CHECK L, BOTH, R, BOTH
	CHECK drop <100 RPM each
Generators	CHECKED, ON
Loadmeter/Voltmeter	CHECK for CHARGE
Throttles	IDLE

## Before Take-off Checklist

Parking Brake	SET
Fuel Quantity	CHECK
Cowl Flaps	CHECK OPEN
Throttle	IDLE
Propellers	HIGH RPM
Auxiliary Fuel Pumps	HIGH
Mixture	AUTO RICH
Elevator Trim	SET for takeoff (+10)
Flaps	TAKEOFF POS.
Flight Controls	FREE AND CORRECT
Radios and Avionics	SET
Landing Lights	ON
Carburator Air	COLD and RAM
Pitot Heat	ON
Anti-ice	AS REQUIRED
Engine Instruments	CHECK
Transponder	ON

***Request Takeoff Clearance***

## Take-off Checklist

Smoothly increase thrust to	FULL
Brakes	RELEASE
V1 =	100 KIAS (descision)
Vr =	110 KIAS (rotate)
Pitch	10 degrees
V2 =	115 KIAS (safety speed)
At Positive Climb Rate	Touch Brakes
Landing Gear	RETRACT
At 130 KIAS flaps	RETRACT
Trim for climb to maintain	140 KIAS
Annunciator Lights	CHECK OFF
Engine Instruments	CHECK

## Climb-out Checklist

Autopilot	CHECK and SET
Landing Lights	OFF
Airspeed	160 KIAS 40"

Propellers	2600 RPM
Climb Rate	1200 fpm
Cowl Flaps	AS REQUIRED
Auxiliary Fuel Pumps	LOW
Engine Instruments	MONITOR
<b><i>ATC</i></b>	<b><i>AS REQUIRED</i></b>
At Transition Altitude (FL180) set Altimeter to 29,92" (1013mb)	

## Cruise Checklist

Accelerate to cruise speed	210 KIAS	35"
Propellers	2300 RPM	
Typical Cruising Altitude	24'000 ft	
Engine+Instruments	CHECK	
Cowl Flaps	CLOSED	
Spark Control	AS REQUIRED	
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	200 KIAS	16"
Propellers	2000 RPM	
Descent Rate	- 1000 fpm	
Carburator Air	COLD and RAM	
Spark Control	RETARD	
Flaps	CHECK UP	
Landing Gear	CHECK UP	
Fuel Balance	CHECK	
Cowl Flaps	CHECK CLOSED	
At Transition Altitude (FL180) reset Altimeter to local		
Check Weather	(ATIS, Flight Services)	