

# Canadair CL 415

(checklist for “on wheels“ service)

## Microsoft Flight Simulator 2004

Aircraft and Panel : by Massimo Taccoli and others



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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	OFF
Avionics Master Switch	OFF
Landing Gear Lever	CHECK DOWN
Flaps	UP
Propeller	HIGH RPM
Fuel Cond. Lever	FUEL CUTOFF
Battery Switch	ON
Panel Lights	ON if required
Fuel Quantity	CHECK
Flight controls	CHECK
Avionics Master Switch	ON
Check Weather	(ATIS, Flight Services)
Anti-ice Switch	TEST / CHECK
<b><i>Request Clearance</i></b>	
Transponder	STANDBY
Beacon	ON

## Startup Checklist

Engine and Propeller Area	CLEAR
Throttle	IDLE
Fuel Flow	ON/FULL
Right Ignition and Engine Start Switch	ON (hold until engine starts)
Right ITT and N1 Turbine RPM	MONITOR
Right FUEL PRESS LO Annunciator	EXTINGUISHED
Right OIL PRESS LO Annunciator	EXTINGUISHED
Right Oil Pressure	CHECK
Right Generator	ON
==> Repeat for left engine	
Feather/Unfeather Props	CHECK once
Engine Instruments	CHECK



## Taxi To Ramp

Strobe Lights	ON
Flaps	RETRACT
Taxi Lights	ON
Landing Lights	OFF
Anti-ice	OFF
Propeller Synchrophaser	OFF
Speed	Max. 20 knots
Elevator Trim	TAKEOFF SETTING
Avionics/Radios	AS REQUIRED
Transponder	1200

## Shutdown Checklist

Parking Brake	SET
Throttle	IDLE
Autofeather	OFF
F/D	OFF
Avionics Switch	OFF
Taxi Lights	OFF
Nav Lights	OFF
Pitot Heat	OFF
Fuel Cond. Lever	CUTOFF (Ctrl-Shift-F1)
Propeller	FEATHER
Beacon	OFF
Panel Light	OFF
Battery Switch	OFF when N1<15%
Generator 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
F/D	ON
Yaw Damper	ON
Autofeather	ARM
Anti-ice	AS REQUIRED
<i>Request Taxi Clearance</i>	

## 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
Elevator Trim	SET for takeoff
Flight Controls	FREE AND CORRECT
Flaps	CHECK UP
Radios and Avionics	SET
Landing Lights	ON
Taxi Lights	OFF
Engine Instruments	CHECK
Annunciator Lights	CHECK
Strobe Lights	ON
Pitot Heat	ON
Transponder	ON
<i>Request Takeoff Clearance</i>	

## Take-off Checklist

Smoothly increase thrust to	FULL
Brakes	RELEASE
V1 =	80 KIAS (descision)
Vr =	85 KIAS (rotate)
Pitch	10-15 degrees
V2	90 KIAS (safety speed)
At Positive Climb Rate	Touch Brakes
Landing gear	RETRACT
Trim for climb to maintain	110 KIAS
Annunciator Lights	CHECK
Engine Instruments	CHECK

## Climb-out Checklist

Propeller Synchrophaser	ON
Autopilot	CHECK and SET
Landing Lights	OFF
Airspeed	140 KIAS Torque 65%
Climb Rate	1000 fpm
Engine Instruments	MONITOR
<b>ATC</b>	<b>AS REQUIRED</b>

## Cruise Checklist

Accelerate to cruise speed (at 10000')	185 KIAS Torque 80%
Autofeather	OFF
Engine+Instruments	CHECK
Engine Temperatures	STABILIZE at cruise cond.
Anti-ice	AS REQUIRED
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
Autofeather	ARM
Descent Speed	140 KIAS Torque 20%
Descent Rate	-1000 fpm
Flaps	CHECK UP
Landing Gear	CHECK UP
Fuel Balance	CHECK
Check Weather	(ATIS, Flight Services)

## Approach Checklist

### *Localizer Level Flight :*

Landing Lights	ON
Propeller	HIGH RPM
Fuel Cond. Lever	FULL
Anti-ice	AS REQUIRED
Speed: Establish	120 KIAS Torque 45%
Flaps	SET APPR
Speed: Establish	105 KIAS Torque 45%
Landing Gear	DOWN
Turning toward runway: set flaps	FULL DOWN

### *Final Glideslope Descent :*

Speed: Establish	90 KIAS Torque 60%
Elevator Trim	AS DESIRED
Parking Brake	VERIFY OFF

## Landing Checklist

Landing Gear	CHECK DOWN, 3 GREEN
Autopilot	OFF
Landing Speed	85 KIAS
Touchdown	MAIN WHEELS FIRST
Landing Roll	LOWER NOSE WHEEL
After touchdown	Apply Reverse Thrust, at 50 kts: Cancel Reverse Thrust