

# Canadair CL 415

(checklist for “on wheels“ service)

## Microsoft Flightsimulator 2002

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## Pre-Start Checklist

Parking Brakes	SET
Throttle	IDLE
Landing Gear Lever	CHECK DOWN
Flaps	UP
Propeller	HIGH RPM
Fuel Cond. Lever	FUEL CUTOFF (Ctrl-Shift-F1)
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	ON
Anti-ice Annunciators	ILLUMINATED
<b><i>Request Clearance</i></b>	
Transponder	SET
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
Left Ignition and Engine Start Switch	ON (hold until engine starts)
Left ITT and N1 Turbine RPM	MONITOR
Left FUEL PRESS LO Annunciator	EXTINGUISHED
Left OIL PRESS LO Annunciator	EXTINGUISHED
Left Oil Pressure	CHECK
Left Generator	ON
Feather/Unfeather Props	CHECK once
Engine Instruments	CHECK

Landing Roll  
After touchdown

### **Taxi To Ramp**

Flaps  
Taxi Lights  
Landing Lights  
Anti-ice  
Propeller Synchrophaser  
Speed  
Elevator Trim  
Avionics/Radios  
Transponder

LOWER NOSE WHEEL  
Apply Reverse Thrust, at  
50 kts: Cancel Reverse Thrust

RETRACT  
ON  
OFF  
OFF  
OFF  
Max. 20 knots  
TAKEOFF SETTING  
AS REQUIRED  
1200

### **Shutdown Checklist**

Parking Brake  
Throttle  
Autofeather  
F/D  
Avionics Switch  
Taxi Lights  
Nav Lights  
Pitot Heat  
Fuel Cond. Lever  
Propeller  
Beacon  
Panel Light  
Battery Switch  
Generator Switches

SET  
IDLE  
OFF  
OFF  
OFF  
OFF  
OFF  
OFF  
CUTOFF (Ctrl-Shift-F1)  
FEATHER  
OFF  
OFF  
OFF when N1<15%  
OFF

### **Securing Aircraft**

Parking Brake  
Throttle  
All Switches

Verify SET  
Verify IDLE  
Verify OFF

### **Before Taxi Checklist**

Nav Lights  
Taxi Lights  
Heading Indicator / Altimeter  
Instruments  
Radios and Avionics  
Autopilot  
F/D  
Yaw Damper  
Autofeather  
Anti-ice

ON  
ON  
SET  
NORMAL OPERATION  
CHECKED and SET  
SET and OFF  
ON  
ON  
ARM  
AS REQUIRED

*Request Taxi Clearance*

### **Taxi Checklist**

Parking Brake  
Brakes  
Directional Gyro  
Turn Coordinator  
Artificial Horizon  
Taxi to assigned runway

RELEASE  
CHECK during taxi  
PROPER IND. during turns  
PROPER IND. during turns  
ERECT during turns  
SPEED Max. 20 knots

### **Before Take-off Checklist**

Parking Brake  
Pitot Heat  
Landing Lights  
Fuel Quantity  
Throttle  
Propeller  
Elevator Trim  
Flaps  
Flight Controls  
Engine Instruments  
Annunciator Lights  
Radios and Avionics

SET  
ON  
ON  
CHECK  
IDLE  
HIGH RPM  
SET for takeoff  
SET 10 deg  
FREE AND CORRECT  
CHECK  
CHECK  
SET

*Request Takeoff Clearance*

## 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	95 KIAS at 1000 fpm
At 500' AGL	RETRACT FLAPS
Annunciator Lights	CHECK
Engine Instruments	CHECK

## Climb-out Checklist

Propeller Synchrophaser	ON
Autopilot	CHECK and SET
Taxi Lights	OFF
Landing Lights	OFF
Airspeed	100 KIAS at 1000 fpm
Engine Instruments	MONITOR
<i>ATC</i>	<i>AS REQUIRED</i>

## Cruise Checklist

Accelerate to cruise speed (at 10000')	185 KIAS
Autofeather	OFF
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
Autofeather	ARM
Descent Speed	140 KIAS at -1000 fpm
Flaps	CHECK UP
Landing Gear	CHECK UP
Fuel Balance	CHECK
Check Weather	(ATIS, Flight Services)

## Approach Checklist

### *Localizer Level Flight :*

Autofeather	VERIFY ARMED
Propeller	HIGH RPM
Fuel Cond. Lever	FULL
Speed: Establish	120 KIAS
Flaps	SET 10 deg
Speed: Establish	110 KIAS
Flaps	SET 15/20 deg
Speed: Establish	100 KIAS
Landing Gear	DOWN
Landing Lights	ON
Turning toward runway: set flaps	FULL DOWN

### *Final Glideslope Descent :*

Speed: Establish	90 KIAS
Elevator Trim	AS DESIRED
Parking Brake	VERIFY OFF
Anti-ice	AS REQUIRED

## Landing Checklist

Landing Gear	CHECK DOWN, 3 GREEN
Autopilot	OFF
Autothrottle (IAS)	OFF
Landing Speed	85 KIAS
Touchdown	MAIN WHEELS FIRST