

# Cessna 172L - C-GBFB - Checklist (page 1of2)

01 Oct 2015

Pre-Flight Inspection	
<b>Cabin</b>	
Control Lock	Remove
Ignition	OFF
Avionics	OFF
Master	ON
Fuel Gauges	Check
Lights	ON & Check
Pitot Heat	ON & Check
Flaps	Down
Electrics	OFF
Master	OFF
<b>Empennage &amp; Fuselage</b>	
Antennas	Check
Baggage Door	Check & Locked
Elevators	Free/Secure
Trim Tab	Secure
Rudder & Cables	Free/Secure
<b>Right Wing</b>	
Right Aileron	Free/Secure
Wing Tie Down	Removed
Main Tire	Inspect
Fuel Drain	Check Contamination
Fuel Quantity	Check
Fuel Cap	Secure
Wing Rivets	Inspect
Wheel Chocks	Removed
<b>Nose</b>	
Engine Oil Level	Check
Strainer Knob	Pull/Check
Prop & Spinner	Inspect
Air Intake	Inspect
Nose Strut & Tire	Inspect
Alternator Belt	Inspect
Static Source	Check For Blockage
<b>Left Wing</b>	
Main Tire	Inspect
Fuel Drain	Check Contamination
Fuel Quantity	Check
Fuel Cap	Secure
Wing Rivets	Inspect
Stall Warning	Check For Blockage
Fuel Tank Vent	Check For Blockage
Wing Tie Down	Removed
Left Aileron	Free/Secure
Wheel Chocks	Removed

Passenger Briefing	
Door & Emergency Exit	Location & Operation
Seats & Seat Belts	Adjustment
Controls, Breaks, Feet	Demo Full Deflection
Air Vents & Heating	Location & Operation
Smoking Limitations	No Smoking
Emergency Procedures	Review Actions
Fire Extinguisher	Location & Operation
First Aid & Survival Kits	Location
ELT	Location & Operation

Pre-Start	
Pre-Flight Inspection	Complete
Pax Briefing	Complete
Seat, Belts & Doors	Secure
Luggage	Stowed
Flight Controls	Free & Correct 6 Ways
Trim	Test & Set For Takeoff
Brakes	Test
Circuit Brakers	Checked In
All Electrics & Radios	OFF
Tach Time	Recorded

Engine Start	
Fuel Selector	On Right
Mixture	Rich
Carb Heat	Cold
Master	ON
Alternator	OFF
Beacon	ON
Prime	As required (0 - 5 strokes)
Throttle	Open 1/4 Inch
Breaks	Apply
Propeller Area	Clear
Ignition Switch	Start
Throttle	1000 RPM
Oil Pressure	Check (within 30 sec.)
Alternator	ON / Check
Flaps	Up In Sequence
Avionics & Radios	ON
Transponder	Standby / Check Code
Navigation Aids	Set
Fuel Selector	On Left
SPOT Tracking	ON (if flying outside Valley)

Taxi	
Mixture	Lean For Taxi
Breaks	Check
Instrument Checks	Perform

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Run-Up	
Heading	Into Wind
Brakes	Apply & Hold
Area	Clear
Fuel	On Both
Throttle	1700 RPM
Engine Gauges & Ammeter	Check
Suction Gauge	Check (4.6 to 5.2)
Mixture	Lean Slowly / Full Rich
Carb Heat	Hot (50-200 RPM drop)
Magnetos	Check (max drop 125 RPM) (max diff 50 RPM)
Throttle	Idle - Check Oil Pressure
Carb Heat	Cold
Throttle	1000 RPM
Instrument & Radios	Set & Checked

Before Take Off	
Doors & Windows	Closed & Locked
Take Off Briefing	Complete
Fuel Selector	On Both
Trim & Flaps	Set For Takeoff
SPOT	ON
Mixture	Full Rich
Transponder	On ALT / Check Code
Carb Heat	Cold
Pitot Heat	As Required
Lights	As Required
Heading Indicator	Check On Runway

After Take Off	
Flaps	Retracted
Lights	As Required
Engine Gauges	Check/Green
Fuel	On Both/Check For Leaks
Takeoff Time	Recorded

Radio Frequencies	
Penticton MF (CYYF)	118.50
Oliver ATF (CAU3)	122.80
Osoyoos ATF (CBB9)	123.20
Princeton ATF (CYDC)	123.20
Kelowna ATIS (CYLW)	127.50
Kelowna TWR (CYLW)	119.60
Kelowna GND (CYLW)	121.70
Vernon MF (CYVK)	122.80 (ATIS 123.175)
Salmon Arm MF (CZAM)	122.90 (ATIS 122.55)

Transponder	
7500 – Hijack	7700 – Emergency
7600 – Lost Comm	

Cruise	
Engine Power	2200 to 2500 RPM
Elevator Trim	Adjust
Mixture	LEAN For Cruise

Pre-Landing	
Seats & Seat Belts	Secure
Brake Pressure	Check
Fuel Selector	On Both
Mixture	Rich
Carb Heat	ON
Landing Light	ON
Circuit Brakers	Checked In
Master Switch	ON
Magnetos	On Both
Primer	Locked
Engine Gauges	Check

After Landing	
Flaps	Up
Transponder	Standby
Landing Lights	OFF
Carb Heat	Cold
Landing Time	Recorded

Shut Down	
ELT (121.50)	Check
Avionics	OFF
ALL Electrics & Radios	OFF
Master Switch	OFF
Throttle	IDLE
Live Mags	Check
Throttle	1000 RPM
Mixture	Idle Cut-Off
Magnetos	OFF & Key Out
Tach Time	Recorded
Control Locks	Installed
Flight Plan	CLOSED?

Speeds	
Vr (Rotation Speed)	60 MPH
VsI (Stall - Flaps Up)	57 MPH
Vso (Stall - Flaps Down)	49 MPH
Va (Maneuvering Speed)	122 MPH
Vfe (Max Speed, Flaps Ext.)	100 MPH
Vx (Best Angle Of Climb)	68 MPH
Vy (Best Rate Of Climb)	79-82 MPH
Vno (Maximum Structural Cruising Speed)	140 MPH
Best Glide	80 MPH (flaps up)
Landing Airspeed	70-80 MPH (flaps up)
Landing Airspeed	65-75 MPH (flaps down)