

SPECTRUM AIRWAYS

Cessna 172 Checklist

BURLINGTON AIRPARK
5296 BELL SCHOOL LINE
BURLINGTON, ON L7M 0P1
905-336-4010
INFO@SPECTRUMAIRWAYS.COM

FREQUENCIES:

Emergencies	121.5
CZBA Unicom	123.5
CYFD Unicom	122.82
CYHM ATIS	128.1
CYHM TWR	125.0
CYKF ATIS	125.1
CYKF TWR	126.0
CYYZ Terminal	119.3
Flight Service	123.27 126.7

PRE-FLIGHT INSPECTION

Control Lock..... OFF
Magnetos..... OFF
Master Switch..... ON
Flaps..... EXTEND IN STAGES
Fuel Gauges..... QUANTITY
Beacon..... CHECK
Master Switch..... OFF
Loose Objects..... SECURE
Fire Extinguisher... CHARGED
First Aid Kit..... ON BOARD
Documents..... CHECK
External Check... COMPLETE

PASSENGER BRIEFING

Exiting aircraft
Door latches
Window latches
Seat belt latches
Fire ext. location/use
First aid kit
ELT location/use
Motion sickness
No smoking
Don't touch controls
Any questions?

PRE-ENGINE START

Hobbs Time..... RECORD
Avionics & Electrics..... OFF
Controls..... FREE & CORRECT
Trim..... FREE & SET

START

Carb Heat..... COLD
Mixture..... RICH
Fuel Selector..... ON
Brakes..... SET AND HOLD
Master Switch..... ON
Beacon..... ON
Prime..... AS REQUIRED
Throttle..... ¼ INCH
Prop Area..... "CLEAR"
Engine..... START
Throttle..... 1000 RPM
Oil Pressure..... CHECK

AFTER START

Mixture..... LEAN 1 INCH
Electrics..... AS REQUIRED
Avionics..... ON
Transponder.. TEST/STBY 1200
Audio Panel..... CHECK
Radio..... CHECK (or ATIS)
Flight Instruments..... SET
Flaps..... UP IN STAGES
Parking Brake..... OFF

TAXI CHECK

Brakes..... TEST
Controls Inputs... FOR WIND
Flight Instruments..... CHECK

STUDENT SOLO
TOUCH and GO's
NOT PERMITTED

RUN-UP

Throttle..... 1000 RPM
Brakes..... SET
Blast Area..... CLEAR
Mixture..... RICH
Throttle..... 1700 RPM
Brakes Holding..... CONFIRM
Oil Temp & Press..... CHECK
Magnetos..... CHECK
Suction..... CHECK
Alternator..... CHECK
Mixture..... CHECK
Carb Heat..... HOT
Throttle..... SLOWLY TO IDLE
Throttle..... 900 RPM
Carb Heat..... COLD

PRE TAKE-OFF

Throttle..... 1000 RPM
Flight Instruments..... SET
Primer..... LOCKED
Master Switch..... ON
Magnetos..... ON BOTH
Circuit Breakers..... IN
Carb Heat..... COLD
Mixture..... RICH
Flaps..... AS REQUIRED
Trim..... SET
Fuel Selector..... ON
Doors/Windows..... SECURE
Seats/Seat Belts..... SECURE
Controls..... FREE
Pax Briefing..... COMPLETED
Take Off..... BRIEFED
T – Take-off Time..... NOTE
I – Instruments..... SET
L – Lights..... ON
T – Transponder..... ON ALT

ON RUNWAY CHECK

Max Power..... SET
Gauges..... GREEN
Airspeed..... ALIVE

AFTER TAKE-OFF CHECK

Gauges..... GREEN
Flaps..... UP

CRUISE CHECK

Power..... SET
Mixture..... LEAN
Gauges..... GREEN

PRE LANDING

Primer..... LOCKED
Master Switch..... ON
Magnetos..... ON BOTH
Gauges..... GREEN
Circuit Breakers..... IN
Carb Heat..... HOT
Mixture..... RICH
Fuel Selector..... ON
Brake Pressure..... CHECK
Seats and Harnesses SECURE
Pax Briefing..... COMPLETED

AFTER LANDING

Throttle..... 900 RPM
Carb Heat..... COLD
Flaps..... RETRACT
Unnecessary Electrics... OFF
Transponder..... STBY 1200
Landing Time..... NOTE
Mixture..... LEAN 1 INCH

SHUT DOWN

Throttle..... 1000 RPM
Radio..... CHECK 121.5
Avionics & Electrics..... OFF
Transponder..... OFF
Throttle..... IDLE
Live Mag..... CHECK
Throttle..... 1000 RPM
Mixture..... IDLE CUT OFF
Magnetos..... OFF
Master Switch..... OFF
Hobbs Time..... RECORD
Control Lock..... INSTALL
External Covers..... INSTALL
Unserviceabilities.... RECORD