

## **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