



ROCKHAMPTON
AERO CLUB

CHECKLIST CESSNA 172SP VH-ZDX

PRE START	
Documentation	Complete
Pax Brief	Complete
Hatches / Harness	Secure
Radios and Electric's (avionics Master)	Off
Brakes	Check Pressure
Master	On
Flaps	Up
Circuit Breakers	In
Mixture	Rich
Fuel Shutoff Valve	On Both
Throttle	10mm Open (1/2inch) Max
Fuel Pump	On till fuel flow, then off
Mixture	Idle cut-off
Mags	On Both
Propeller Area	Confirm Clear and call "Clear Prop"
Brakes	Both On- Firm
Engage Starter	Mixture to rich as engine starts
After Start	
Throttle	1000 RPM
Oil Pressure	Check (in green arc within 30 secs)
Ammeter	Check Positive reading
Vacuum	Check Pressure
Avionics Master	On
Taxi Check	
Brakes	Check shortly after moving
Instruments	Check Turning – Compass, DG, TC



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Run-Up	
Brakes	On – Firm
Area	Suitable and clear
Temperatures and Pressures	Green
Throttle	1700 RPM
Mags	Left / Right / Both Max – 150 drop each & Max – 50 diff
Annunciator lights	Check
Vacuum	Green
Throttle	Check Idle & set 1000 RPM
Pre-Take Off	
Throttle Friction	Firm
Trims	Set for take-off
Mixture	Full Rich
Master/Mags	On/On Both
Fuel	On and sufficient
Instruments	Set – Compass to DG, Alt, AH
Switches	As Required
Controls	Full and Free
Hatches / Harness	Secure
Safety Brief	Complete
Line Up	
Transponder	ALT
Landing Lights	As required



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PRE – Landing	
Brake – Footbrakes	Even Pressure & heels on floor
Brake – Handbrakes	Off
Undercarriage	Down and locked
Mixture	Full Rich
Fuel	On
Fuel Contents	Sufficient
Temperatures and Pressures	Green
Instruments	Set
Switches	Set
Hatches Harness (including Pax)	Secure
Final	
Mixture	Rich
Flaps	Set
Windsock	Check
Clearance	Clear to land
Throttle	1000 RPM
Flaps	Ident and up
Landing/Taxi Lights	As required
Transponder	Standby
Radio	“Clear of Runway”
Shut Down	
Brakes	Set-
Radios (avionics Master)	Off
Throttle	1200 RPM
Magnetos	Check left, Right, Both- Quickly
Mixture	Idle cut Off
Mags	Once Propeller Stops – Off
Master	Off
Controls	Locked
Documentation	Complete
Aircraft	Secured
Master / Mags	Confirm Off



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EMERGENCY CHECKLIST CESSNA 172SP VH-ZDX

Engine Fire in Flight	
Mixture	Idle Cut - Off
Master Switch	Off
Cabin Heat and Air	Off (except overhead vents)
Airspeed	100 kts
Forced Landing	Execute
Cabin Fire	
Master Switch	Off
Vents / Cabin Air / Heat	Closed
Fire Extinguisher	Activate (then ventilate cabin)
Land	
Engine Failure During Flight	
Airspeed	70 kts
Fuel Valve	Off
Mixture	Rich
Ignition Switch	Both (or START if propeller is stopped)
Primer	In and Locked
Engine Fire on Ground	
Cranking	Continue
<u>If Engine Starts:</u>	
Power	1700 RPM (few minutes)
Engine	Shutdown (inspect)
<u>If Engine Fails to Start:</u>	
Throttle	Full Open
Mixture	Idle Cut - Off
Cranking	Continue
Fire Extinguisher	Obtain
Engine	Secure
A. Master Switch	Off
B. Ignition Switch	Off
Fire	Extinguish
Fire Damage	Inspect