

LEIGHNOR AIRCRAFT LLC

Cessna 162 Skycatcher – Checklist and Procedures

SPEEDS (KIAS)

V_{so} – 37
V_s – 41
V_r – 50
V_x – 55
V_y – 62
V_g – 70
V_{no} – 124
V_{ne} – 148

BEFORE STARTING ENGINE

Preflight Inspection – Complete
Passenger Briefing – Complete
Rudder Pedals – Adjust
Seat Belts – Adjust and Secure
Cabin Doors – As Desired
Brakes – Test and Set
Circuit Breakers – Check In
Electrical Equipment – Off
ANV Master Switch – Off
Fuel Shutoff Valve – On (Push Full In)

STARTING ENGINE (WITH BATTERY)

Throttle – As Required
 Engine COLD – Pump (3-6 Strokes)
 Engine WARM – Pump Once
Carb Heat – Off
Throttle – As Required
 Engine COLD – Open ¼ Inch
 Engine WARM – Closed
Mixture – Full Rich
AVN Master Switch – Off
Master Switch (Alt and BAT) – On
Engine Indications – Verify No Red X's
Amps – Verify Discharge
Nav Light – On
Prop Area – Clear
Magnetos – Turn to Start
Oil Pressure – Check
Throttle – Reduce to Idle
Amps – Verify Charge
AVN Master Switch – On
Mixture – Lean for Taxi

BEFORE TAXI

ATIS/AWOS – Obtain
Altimeter – Set
Taxi Clearance – Write Down
Brakes – Check
Flight Controls – Positioned for Wind
Flight Instruments – Check for Operation

BEFORE TAKEOFF

Parking Brake – Set
Rudder Pedals – Adjust and Secure
Cabin Doors – Closed and Locked (2X)
Flight Controls – Free AND Correct
Flight Instruments – Verify No Red X's
Engine Indicators – Verify No Red X's
Fuel Quantity Indicators – Check
Mixture – Rich below 5000 FT Pressure Alt.
Elevator Trim – Set for Takeoff (neutral)
Throttle – 1700 RPM
Magnetos – Check
 Max Drop of 150 RPM, 50 RPM differences
Engine Indicators – Check
Carb Heat – Check for Operation
Amps and Volts – Check
Annunciators – Check
Throttle – Check Idle
Throttle Friction Lock – As Desired
COM Frequencies – Set
GPS Flight Plan – Enter When Required
Transponder – Verify Squawk Code
Flaps – Up or 10 Degrees (10° recommended)
NAV Light – On
Strobe/Landing Light – On
Parking Brake – Off

LEIGHNOR AIRCRAFT LLC

Cessna 162 Skycatcher – Checklist and Procedures

NORMAL TAKEOFF

Flaps – Up or 10 Degrees (10° recommended)
Carb Heat – Off
Throttle – Smoothly Apply Full Power
Maintain Directional Control
Establish 50 KIAS – Lift Nosewheel
 Airspeed – 65 – 75 KIAS (Vy = 62 KIAS)
 Flaps – Retract at Safe Altitude

CRUISE

Power – 2400-2750 RPM (75%
Recommended)
Trim – Adjust
Mixture – Lean
Lights – As Required

DESCENT

Power – As Desired (2750 RPM Maximum)
Mixture – Adjust for Descent
Altimeter – Set
Wing Flaps – As Desired (see flap speeds)
 10° - Below 100 KIAS
 25° - Below 85 KIAS
 FULL – Below 70 KIAS)
Carb Heat – As Required

BEFORE LANDING

Rudder Pedals and Seat Belts – Adjust/Secure
Mixture – Rich below 5000 FT Pressure Alt.
Carb Heat – On
Landing Light – On

AFTER LANDING

Carb Heat – Off
Flaps – Up
Strobe Light – Off
Landing Light – Off Unless Conditions Require

SECURING AIRPLANE

Parking Brake – Set if Necessary
Throttle – Idle
AVN Master – Off
Mixture – Idle Cut-off
Magnetos – Off
Hobbs/Tach Time – Record
Master Switch – Off
Control Lock - Install