

Cessna 162



PREFLIGHT

CABIN	
POH	AS DESIRED
Garmin 300 Pilots Guide	AS DESIRED
Pilot's Checklist	Accessible
Parking Brake	SET
Brakes	APPLY
Brake Control Knob	ON
Control Stick Lock	REMOVE
Flaps	UP
Fuel Gauges	CHECK L&R
Magnetos Switch	OFF
Master switch	ON
AVN Master Switch	ON
Primary Flight Disp (PFD)	CHECK
MFD (if installed)	CHECK
PFD ADAHRS test	COMPLETE
Low Volts Annunciator	CHECK
Elevator Trim	TAKEOFF
Avionics cooling fan	CHECK
A/C wt and balance	CHK / ENTER
AVN Master Switch	OFF
Master switch	OFF
Fire Extinguisher	CHECK

LEFT WING	
Cabin Door	CHECK
Left Main Tire	CHECK
Brake Line	CHECK
Wheel Fairings	CHECK
Fresh Air Vent	CHECK
Fuel Quantity	CHECK VISUALLY
Fuel Filler Cap	SECURE
Fuel Filler Cap	VENT CLEAR
Fuel Tank Sump Drains	DRAIN
Fuel Tank Vent	CHECK
Wing Tiedown	REMOVE

PREFLIGHT (CONT.)	
LEFT WING cont.	
Pilot Tube Cover	REMOVE
Landing Light	CHECK
Strobe/Nav Light	CHECK
Aileron	CHECK
Flap	DEFLECT/CHECK
Com Antenna/OAT probe	CHECK

EMPENNAGE	
Rudder Gust Lock	REMOVE
Control Surfaces	CHECK
Elevator Trim Tab	CHECK
Tail Tiedown	REMOVE

RIGHT WING	
ELT & GPS antennas	CHECK
Flap	DEFLECT/CHECK
Aileron	CHECK
Strobe/Nav Light	CHECK
Tiedown	REMOVE
Stall Warning Opening	CHECK
Fuel Quantity	CHECK VISUALLY
Fuel Filler Cap	SECURE
Fuel Filler Cap	VENT CLEAR
Right Main Tire	CHECK
Brake Line	CHECK
Wheel Fairings	CHECK
Fuel Tank Sump Drains	DRAIN
Cabin Door	CHECK
Fresh Air Vent	CHECK

NOSE/POWERPLANT	
Engine Cooling Air Inlets	CHECK
Propellor & Spinner	CHECK
Air Filter	CHECK
Nosewheel Strut and Tire	CHECK
Nosewheel Fairing	CHECK
Exhaust Stack	CHECK
Oil Level	CHECK
Dipstick / Filler Cap	SECURE
Fuel Strainer (bottom Left)	DRAIN
Fuel Strainer (center)	DRAIN
Static Source Opening	CHECK

BEFORE STARTING ENGINE	
Preflight Inspection	COMPLETE
Passenger Briefing	COMPLETE
Rudder Pedals	ADJUST
Seatbelts	FASTENED
Cabin Doors	AS DESIRED
Brakes	TEST & SET
Circuit Breakers	CHECK - IN
Electrical Equipment	OFF
AVN Master Switch	OFF
Fuel Shutoff	ON (Full In)

STARTING ENGINE	
AVN Master Switch	OFF
Master Switch	ON
Carb Heat	OFF
Mixture Control	FULL RICH
Engine Indicating System	CHECK PARAMS
Volts	Check EIS eng. Pg
Amps	CHECK
Strobe light Switch	ON
Engine COLD	
Throttle Control	PUMP 3-6
Throttle Control	OPEN 1/4 INCH
ENGINE WARM	
Throttle Control	PUMP ONCE
Throttle Control	CLOSED
Propellor area	"Clear"
Magneto Switch	START
Oil Pressure	CHECK
Throttle Control	IDLE
Amps	CHECK
Nav Light Switch	ON
Strobe light Switch	OFF
AVN Master Switch	ON
Mixture Control	LEAN AS REQ

FREQUENCIES	
UNITED FLIGHT	123.5
HOOKS UNICOM	122.95
HOOKS ATIS	128.375
HOOKS GROUND	121.8
HOOKS TOWER	118.4
APPROACH	123.80 / 124.35
FLIGHT SERVICE	122.4

TAXI	
Brakes	CHECK
Flight Instruments	CHECK
Transponder	ALTITUDE

BEFORE TAKEOFF	
Parking Brake	SET
Brakes	APPLY
Parking Brake control	ON
Rudder Pedals	ADJUST / SECURE
Seatbelts	ADJUST / SECURE
Cabin Doors	CLOSE / LOCKED
Flight Controls	FREE / CORRECT
Flight Instruments (PFD)	CHECK
Engine Indication System	CHECK PARAMS
Altimeter	SET
Fuel Quantity Indicators	CHECK
Mixture	RICH
Elevator Trim Control	TAKEOFF
Throttle	1700 RPM
Magneto	CHECK BOTH
Engine Indicators	CHECK
Carb Heat	ON
Engine RPM	CHECK
Carb Temp	CHECK
Carb Heat	OFF
Amps & Volts	CHECK
Annunciators	CHECK
Throttle Control	CHECK IDLE
Throttle Friction Lock	ADJUST
COM frequency	SET
GPS Flight Plan	AS DESIRED
Transponder	ALTITUDE
Flaps	10 degrees REC
NAV light Switch	ON
Strobe	ON
Parking Brake	OFF

NORMAL TAKEOFF	
Flaps	10 DEGREES
Carb Heat	OFF
Throttle	FULL
Mixture	RICH
Directional Control	MAINTAIN
Rotate	50 KIAS
Climb	85-75 KIAS
Flaps (at safe altitude)	RETRACT

SHORT FIELD TAKEOFF	
Flaps	10 DEGREES
Carb Heat	OFF
Brakes	APPLY
Throttle	FULL
Mixture	RICH
Brakes	RELEASE
Elevator	Slight Tail low
Directional Control	MAINTAIN
Climb (over obstacles)	55 KIAS
Flaps (above 60 KIAS)	RETRACT SLOWLY

CRUISE CLIMB	
Airspeed	85-75 KIAS
Throttle	FULL
Mixture	RICH

CRUISE	
Power	2400 / 2750 RPM
Trim	ADJUST
Mixture	LEAN

DESCENT	
Power	AS NEEDED
Mixture	ADJUST
Altimeter	SET
Flaps	AS DESIRED
Carb Heat	ON

BEFORE LANDING	
Rudder Pedals	ADJUST/SECURE
Seatbelts	ADJUST/SECURE
Mixture	RICH
Carb Heat	ON
Landing Light	ON

LANDING	
--- NORMAL ---	
Airspeed (Flaps Up)	60- 70 KIAS
Flaps	AS DESIRED
Airspeed (Flaps Full)	55-65 KIAS
Elevator trim	ADJUST
Touchdown	MAINS FIRST
Landing Roll	LOWER NOSE
Braking	MINIMUM REQ
Directional Control	MAINTAIN

--- SHORT FIELD ---	
Airspeed (Flaps Up)	60- 70 KIAS
Flaps	FULL
Airspeed (until Flare)	50 KIAS
Elevator trim	ADJUST
Power (Clear Obst.)	Reduce to IDLE
Touchdown	MAINS FIRST
Braking	APPLY HEAVILY
Flaps	UP

---GO AROUND ---	
Throttle control	FULL
Carb Heat	OFF
Flaps	RETRACT TO 25
Climb (clear Obstacle)	50 KIAS
Climb (After obst clear)	60 KIAS
Flaps	10 deg then UP

AFTER LANDING (off active runway)	
Carb Heat	OFF
Flaps	UP
Strobe light switch	OFF
Transponder	STANDBY

SHUTDOWN	
Parking Brake	SET
Brakes	APPLY
Praking Brake Knob	ON
Throttle	IDLE
Electrical Equip.	OFF
AVN Master Switch	OFF
Mixture	IDLE CUTOFF
Magnetos	OFF
Master Switch	OFF
Control Lock	INSTALL

V SPEEDS	
Vso	37 KIAS
Vs	41 KIAS
Vx	57 KIAS
Vy	62 KIAS
Vfe	100 - 70 KIAS
Va	102 KIAS
Vno	124 KIAS
Vne	148 KIAS

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NOTES