Preflight Inspection

1. Cabin

Canopy	Open	Unlock,Turn Handle CCW
Control Wheel Lock	Remove	
Ignition Switch	OFF	
Master Switch	OFF	
Mixture	PULL LEAN	POH : Idle Cutoff

Note

On approaching the Aircraft, check surfaces for presence of Frost, Snow Ice, Slush, Mud, Exessive Moisture. Initiate de-icing if present. All items are to be checked for freedom from any contamination before dispactch.

2. Left Wing Trailing Edge

Flap	Secure, Undamaged	
Aileron	Freedom of movement	

3. Left Wing

Wing Tip & Light	Undamaged	
Aileron, Counterweight, Tab	Unobstructed	Access Free, Undent
Wing Inspection Plates	Secure	
Tiedown	Removed	
Pitot Tube	Unobstructed	Free of Foreign Particles
Fuel Tank Vent	Unobstructed	Free of Foreign Material

4. Left Wing Leading Edge

Fuel Tank	Check Level, Cap Secure	POH: Full, checked for damage
Tank Drain	Free of Contamination	
Sump Drain	Free of Contamination	
Fuel	Proper Color	Blue for 100 LL
Landing gear Wheel Fairing & Tire	Undamaged, Inflated	Check wear, cut, abrasion,brake leak
Chocks	Removed	

5. Left Cowl

Windshield	Clean, Undamaged	
Oat Gauge	Secure, Undamaged	
Fuel Pump Overflow drain	Unobstructed	
Fresh Air Vents	Unobstructed	
Air Cleaner Drain	Unobstructed	
Oil Breather Vent	Unobstructed	
Cowl	Opened, Secured	

Note

When engine cowl is opened, ensure that its support tube is secured in the retainer clip prior to closing the cowl. Ensure cowl latches are secured

Baffles	Secure, Undamaged	
Cowl	Closed, latches secured	

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6. Nose

Propeller, Spinner	Secure, Undamaged	Hand Revolve, no cracks, nicks
Cowling	Secure, Undamaged	
Landing Light	Secure, Undamaged	
Exhaust Pipe	*Check*	
Carburator Air Intake	Unobstructed	
Nose Gear, Fairing	Undamaged, Inflated	
Tow Bar	Removed, Stowed	
Chocks	Removed	
Engine Cooling Openings	Unobstructed	

7. Right Cowl

Cowl	Open, Secured	
Engine Baffles	Unobstructed, Undamaged	
Engine Cooling Openings	Unobstructed	
Engine Oil Level	6 Qt min, 8 Qt max	
Engine Oil Diptick	Secured	Finger tight
Vaccum Pump Vent	Unobstructed	
Battery	Secure	
Alternator Belt	Proper Tension	
Cowl	Closed, Secured	

8. Right Wing Leading Edge

Fuel Tank	Check Level, Cap Secure
Tank Drain	Free of Contaminents
Sump Drain	Free of Contaminents
Fuel	Proper Color
Landing gear Wheel Fairing & Tire	Undamaged, Inflated
Chocks	Removed

9. Right Wing

Wing Tip & Light	Undamaged
Aileron, Counterweight, Tab	Unobstructed
Wing Inspection Plates	Secure
Tiedown	Removed
Fuel Tank Vent	Unobstructed

10 Right Wing Trailing Edge

Aileron	Freedom of movement
Flap	Secured, Undamaged

11 Right Side of Fuselage

Static Source	Unobstructed	Check for foreign particles
Windows	*Clean, Undamaged*	
Antenna *(VHF1)*	Secured, Undamaged	
Fuselage	Undamaged	

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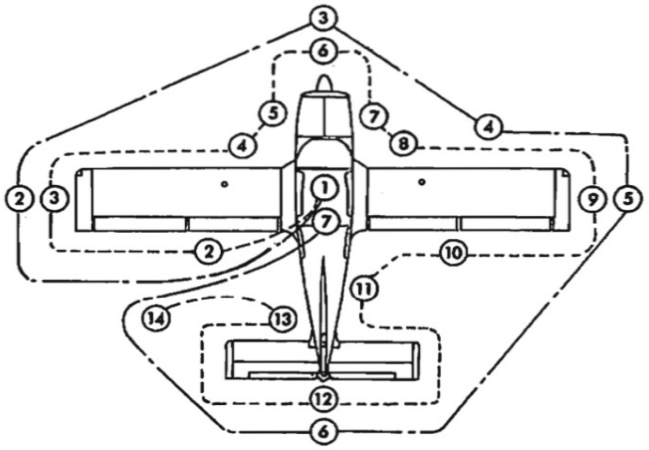
12 Empennage

Elevator	Freedom of Movement
Rudder	Freedom of Movement
Trim Tabs	Secured, Undamaged
Tail Cone and Light	Secured, Undamaged
Tie Down	Removed

13 Left Side of Fuselage

Static Source	Unobstructed
Windows	*Clean, Undamaged*
Antenna *(VHF2)*	Secured, Undamaged
Fuselage	Undamaged
Bagage Door	Secured, Undamaged



Electrical System Preflight

1. Cabin

Master Switch	ON
Instrument Light	Check, OFF
Navigation Lights	ON
Flashing Beacon	ON
Strobe Lights	ON
Pitot Heat	ON
Landing Light	ON

2. Left Wing Tip

Navigation Light	Illuminated
Strobe Light	Flashing
Pitot Tube	Hot
Canopy	Open

3. Nose

Landing Light	Illuminated

4. Right Wing

Stall Warning	Lift, Check horn

5. Right Wing Tip

Navigation Light	Illuminated
Strobe Light	Flashing

6. Empennage

Navigation Light	Illuminated
Strobe Light	Flashing

7. Cabin

Fuel Gages	*Compared*
Master Switch	OFF
Instrument Light	OFF
Navigation Lights	OFF
Flashing Beacon	OFF
Strobe Lights	OFF
Pitot Heat	OFF
Landing Light	OFF

COCKPIT PREPARATION		
Preflight	Complete	
Aircraft Documents	*Completed*	
Flight Documents	*Aboard*	Charts, Weather, Notam, Log
Pilot Equipement	*Aboard*	Glasses, Pen, License, Knee Board
Control Lock	*Stowed*	
Pitot Cover	*Stowed*	
Tow Bar	*Removed*	
Chocks	*Stowed*	
Screens	*Removed, Stowed*	Aircraft Protection Block
Bagage	*Secured*	
Fire Extinguisher	*Check*	
First Aid	*Check*	
Fuse, Circuit Breakers	Check	
Flash Light	Aboard	
Park Brake	PULL ON	
Seats & Belts	Adjusted	
Ailerons, Elevators	Check	
Rudder	Check	
Trimmer	*Set Green*	Flight Control Block
Fuel Selector	Fullest Tank	Preflight challenge

COCKPIT PREPARATION	
1. Preflight	Complete
2. Seats & Belts	Adjusted
3. Park Brake	PULL ON
4. Flight Controls	Check
5. Fuel Selector	Fullest Tank

BEFORE START	
Canopy	*As Required*
Carburator Heat	Exercice, Push
Throllte	Exercice, Pull
Mixture	Exercice, Push
Instruments	*Preset*
Master & Alternator	ON
Navigation Light	*As Required*
Radio	*ON, ATIS & Start Clr*
Radio	*OFF*
Mags	LEFT
Fuel Pump	ON
Primer	Determined

Flight Element Block Delayed After Start

Moteur Temps	Froid	Chaud
Froid < 0°	6 & 1/4 inch	4 & 1/2 inch
Normal	3 & 1/4 inch	1 & 1/4 inch
Chaud >25 °	1 & 1/4 inch	0 & Open-Lean

Beacon *ON*

BEFORE START	
6. Master & Alternator	ON
7. Mixture	Full Rich
8. Throttle	Determine
9. Mags	LEFT
10. Carburator Heat	OFF
11. Aux Fuel Pump	ON
IF Cold Weather	
Hand revolution	5 Turns
Primer	4-6 Strokes
IF Normal Weather	
Primer	1-3 Strokes
IF Hot Weather	
Primer	None
Mixture	Full Lean
Throttle	Push Full Open
12. Propeller	CLEAR
13. Starter	Engage

tow bar

AFTER START	
Starter	PUSH
Engine	Firing
Aircraft	Steady
Starter Light	*OFF*
Ignitions Switch	BOTH
Aux Fuel Pump	OFF
Throttle	1000 / 1200 RPM
Low Voltage Light	OFF
Oil Pressure	Green within 30"
Alternator	*Charging*
Suction	*Green*
Intercom	*On*
Flaps	*Exercice, Up*
Radio Nav	*As Required*
Transponder	*Set*
Seat Belts	*Fastened*

AFTER START	
1. Magnetos	BOTH
2. Oil Press	Rise 30"
3. Throttle	> 1 000 Rpm
4. Aux Fuel Pump	OFF

Taxi	
Brakes	Check
Compass	*Turn Check*
Directional Gyro	*Turn Check*
Attittude	*Stable*
Turn Coordinator	*Turn Check*
Vr Rot 55 Kt	Vx Ang 70 Kt
Vy Rate 80 Kt	Norm 85 Kt
Flaps	Conf X
Briefing	Complete

Run Up	
Park Brake	ON
Mixture	PUSH
Throttle	1 800 Rpm
Aircraft	Steady
Engines	Green
Mags	175/50
Carb Heat	Check
Idle	Maintain < 850 Rpm

Taxi	
1. Brakes	Check
2. Flight instrument	Check
3. Briefing	Confirmed
4. Flaps setting	Conf X
5. Park Brake	PULL ON
6. Run up	Complete
7. Mags	BOTH
8. Carb	PUSH
9. Mixture	PUSH
10. Throttle	> 1000 RPM

Line Up	
Line Up Clearance	Received
Strobe Lights	ON
Aux Fuel Pump	ON
Pitot Heat	As required
Gyro	Set
Takeoff Clearance	Received
Landing Lights	ON
Chrono	Start

Line Up	
1. Aux Fuel Pump	ON
2. Lights	ON
3. Pitot	Confirmed
4. Gyro	Set
5. Time	Taken

Takeoff / Go Around

IF Normal Take Off	
Brakes	Apllied
Power	2 000 Rpm
Engine Intruments	Green
Brakes	Relaesed
Power	Smoothly FULL
Airspeed	Alive
Feet	To the floor
Power	FULL available
55 Kt	Rotate
IF Xwind Take Off	
60 Kt	Rotate
Yoke	Jerked
IF Short Field Take Off	
Brakes	Applied
Power	FULL
Elevator	Neutral
50 Kt	Rotate
Climb Speed	63 Kt
IF Soft Field Take Off	
Brakes	Little use
Elevator	Full back
Power	Smoothly FULL
Rotation	Ease elevator
Climb Speed	70 Kt or 80 Kt
Altitude	400 Ft
Aux Fuel Pump	OFF
Flaps	Retracted
Landing Lights	OFF
Climb Speed	85 Kt

Takeoff / Go Around

1. Aux Fuel Pump	OFF
2. Flaps	Retracted
3. Carburator Heat	OFF
4. Baro ref	Set
5. Landing Lights	OFF

Cruise			
Turn		Heading	T
Time		Report	C
Twist		Gyro compas	R
Throttle		As scheduled	A
Talk		As Required	M

°C	Altiitude	TAS	GpH	LpH
11	2 000	114	7,8	30
7	4 000	113	7,4	28
3	6 000	109	6,7	26
-1	8 000	107	6,5	25
-5	10 000	105	6,2	24

Cruise	
1. Aux Fuel Pump	OFF
2. Power	SET
3. Trim	SET
4. Mixture	SET

Descent	
Altimetres	Set
Gyro	Set
Cabin	Ready
Briefing	Complete
Speed	As Sheduled
Trim	SET
Mixture	PUSH
Carb Heat	As required

Descent	
1. Power	As Required
2. Mixture	As Required
3. Carberator Heat	As Required
4. Trim Tab	SET

Stall 55 Kt	Flaps 0	Vapp 80 Kt
Short 61 Kt	Flaps 3	Vapp 70 Kt

Before Landing	
Trim	Not Below 70 KT
Downwind	Determined
Carburator Heat	ON
Aux Fuel Pump	ON
Speed	80 Kt
Power	2 000 Rpm
Flaps	1
Power	2 200 Rpm
Base	
Descent	Initiate
Power	1 600 Rpm
Flaps	2
Final	
Flaps	3
Speed	70 Kt till THR
Power	1 800 Rpm

Before Landing	
1. Seats & Belts	Adjust
2. Fuel Selector	Fullest Tank
3. Mixture	Rich
4. Aux Fuel Pump	On
5. Carburator Heat	ON
6. Park Brake	OFF
7. Flaps	SET
8. Speed	65-70 Kt
9. Landing Lights	ON

LANDING	
Type	Determined
IF Normal	
Speed	70 Kt
Flaps	As Required
Attitude	Nose High
Braking	As Needed
IF Soft	
Speed	65 Kt
Flaps	FULL
Attitude	Nose High
Nose High	Maintained
Braking	Minimum
IF Short	
Speed	65 Kt
Flaps	FULL
Attitude	Nose High
Braking	Immediate
IF Xwind	
Flaps	Minimum
Technique	Crab
Braking	Occasional

LANDING	
1. Touchdown	Main
2. Nose	Lowered
3. Rudder	> 17 KT
4. Brakes	Use

Balked Landing	
Pitch	SET
Power	FULL
Carb heat	OFF
Speed	65 Kt
Flaps	Retract
Trim	SET

Balked Landing	
1. Power	Full
2. Carburator Heat	OFF
3. Speed	60-65 Kt
4. Climb Pitch	Established
5. Flaps	Retracted

After Landing	
Runway	Vacated
Radio	As Required
Flaps	Retracted
Carb Heat	OFF
Aux Fuel Pump	OFF
Strobes	OFF
Landing Lights	OFF
Transpondeur	GND
Trim	TO

After Landing	
1. Flaps	UP
2. Carburator Heat	OFF
3. Aux Fuel Pump	OFF
4. Landing Lights	OFF

Securing The Aircraft	
Park Brake	ON
Engine	1 000 Rpm
Radio Rack	OFF
Electricals	OFF
Mags Cutoff	Check
Power	1 500 Rpm
Mixture	PULL
Beacon	OFF
Documents	Filled
Aircraft	Secured
Park Brake	OFF

Securing the Aircraft	
1. Electrical	OFF
2. Mixture	Cutoff
3. Magnetos	OFF
4. Master	OFF
5. Controls	Lock
6. Park Brake	PULL ON
7. Chocks & Tie down	SET
8. Park Brake	OFF

)GAC


VFR ONLY
HANDWHEEL REMOVED FOR CLARITY
FUEL PUMP
NAV LTS
PITOT HT
STROBE
FLASH BCN
LDG LT
CABIN HT
PARK BREAK
CARB HT
THROTTLE
MIXTURE
PRIMER