Preflight Inspection	
Cockp	it
Parking Brake	Set
Hobbs/Tach	Check
Master Switch	On
Fuel QTY	Check
Lights/Stall Warning	Check
Electrical Equipment	Off
Master Switch	Off
Flaps	Down / Up
Trim	Neutral
Acft Documents On Boar	

	Engine S	Engine Start	
t	Electric Fuel Pump	Oi	
k	Magneto	Lef	
n	Prop Area	Clear	
k	Starter	Engag	
k	Magneto	Boti	
ff	Throttle	1,000 RPN	
ff	Oil Press.	Chec	
р	Engine Instruments	Chec	
ı	Electric Fuel Pump	Of	
d			

V-Speeds (MPH)			
Vr	55-60	Va	129
Vx	74	Vfe	115
Vy	85	Vno	140
Climb	100	Vne	171
Vs1	63	Glide	(gross) 83
Vso	54	Max dem XW	17
Approach F/UP		8	5
Approach F/DN		7	6

Right Wing	
Flap Hinges	Check
Alleron	Check Hinges
Wingtip/Lights	Check
Wing Secure	Check
Leading Edge	Clean
Fuel Quantity	Check
Fuel Vent	Clear
Fuel Strainer	Sample
Landing Gear/Tire	Check
Air Inlet	Clear

After Start	
Avionics	On
Nav Lights / ADSB	On
Radios	Set /Atis
Transponder	Altitude / VFR
Circuit Breakers	Check
Mixture	Leaned for Taxi
Fuel Pump	Off
Parking Brake	Release
Brakes Check	Working

Before Run Up

Run Up

Set

Check

Check & Set

Check & Set

Verify Set

Complete

Secured

Low Idle

1000 RPM

Released

Parking Brakes

Flight Controls

Takeoff Briefing

Door & Window

Radios

Flaps

Trim

Throttle

Throttle

Parking Brake

Flight Instruments

V-Speeds (MPH)			
Vr	55-60	Va	129
Vx	74	Vfe	115
Vy	85	Vno	140
Climb	100	Vne	171
Vs1	63	Glide	(gross) 83
Vso	54	Max dem XW	17
Approach F/UP 85			5
Approach F/DN		7	6
	After Tak	ceoff	
000 AGL M	linimum		

Right Wing			After Start	
Hinges	Check		Aitei 3t	ait
ron	Check Hinges	A	vionics	Or
gtip/Lights	Check	N	lav Lights / ADSB	Or
ng Secure	Check	R	adios	Set /Atis
ding Edge	Clean	Т	ransponder	Altitude / VFF
l Quantity	Check	С	ircuit Breakers	Check
l Vent	Clear	M	1ixture	Leaned for Tax
l Strainer	Sample	F	uel Pump	Of
ding Gear/Tire	Check	P	arking Brake	Release
Inlet	Clear	В	rakes Check	Working
			·	

Check

Check

Check

Check

Clear

Check

Check

Check

Check

Check

Check

Fastened

Briefec

Check

Cold/Off

1/4 inch Open

As Required

Lowest Tank

Rich

Or

(gross) 83	
17	
5	
6	
Off	
Set	
required	
20111111	
l-d 0 C-A	
-	
astened	
Leaned	
wk VFR	
	83 17 5 6 Off Set required Set or Cruise ap every 20min kd & Set ATIS/ Set Required On Rich est Tank omplete astened Up Leaned

f	
t d t	
	Second Page
o d f f	
f	

Mixture

Electric Fuel Pump

If operation on either magneto is

satisfactory, continue on that

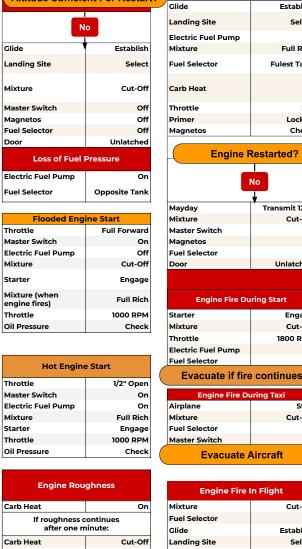
magneto at reduced power with mixture full rich, Land as soon as

practical.

Fuel Selector **Engine Instruments**

Magnetos

After Tak	ceoff	
1000 AGL Minimum		
Electric Fuel Pump / Landing Light	Off	
Landing Light		
Cruise		
Pitch	Set	
Throttle	As required	
Trim	Set	
Mixture	Lean for Cruise	
Fuel Tank	Swap every 20min	
	Zomin	
Approa	ch	
Flight Instruments	Ckd & Set	
Radios	ATIS/ Set	
Carburetor Heat	As Required	
Electric Fuel Pump	On	
Mixture	Rich	
Fuel Selector	Fullest Tank	
Approach Briefing	Complete	
Seat Belts	Fastened	
After Lan	ding	
Flaps	Up	
Mixture	Leaned	
Transponder	Squawk VFR	
Landing Light	Off	
Electric Fuel Pump	Off	
Parkir	ıg	
Avionics/ Transponder	Off	
Electrical Equipment	Off	
Throttle	1000 RPM	
Magnetos	Check Off/On	



Adjust

Check

Check

Opposite Tank

On

Engine Failure

Altitude Sufficient For Restart?

Off	imminent engi	imminent engine failure.	
Unlatched			
Start	Electrical F	ailure	
Engage	Load Meter	Verify Inop	
Cut-Off	If load meter ind	If load meter indicates zero	
1800 RPM	Alternator	Of	
Off	Reduce electrical	Reduce electrical load to min	
Off	Alternator Fld Circuit	Check & Rese	
itinues	Breaker Alternator	Or	
Taxi	If power is not	restored	
Stop	Alternator	Of	
Cut-Off	Daduca alastrias lass		
Off		Reduce electrical loads to a minimum land as soon as practical.	
Off			
aft			
	Electrical O	Electrical Overload	

If alternator loads are reduced, reduce

electrical loads to a minimum, land as

soon as practical. Otherwise;

Leave Battery on only if needed to

power essential electrical equipment.

Land as soon as practical.

Alternator

Alternator

Battery

Battery

Spin Recovery

Rudder and Contol Wheel Neutral when rotation stops.

Leave fuel selector on present tank.

Land as soon as possible.

Loss of Oil Pressure / High Oil

Land as soon as practical. Prepare for

Idle

Neutral Opposite dir of

rotation

Level

Off

On

As Required

Full Forward

Throttle

Ailerons

Rudder

Pitch

Contol Wheel

Establish

Full Rich

Fulest Tank

Select

On

On

Set

Locked

Check

Transmit 121.5

Cut-Off

Off

Off

No

Nose Gear & Tire Engine Condition (L) Check **Fuel Strainer** Sample Left Wing Same as Right Wing (in reverse)

ADD pitot static mast

Fuselage and Empenage

Before Start

Engine Condition

Propeller & Spinner

Alternator Belt

Landing Light

Oil Quantity

Air Inlet

Antennas

Stabilator & Trim

Parking Brake

Safety Brief

Mixture

Throttle

Prime

Seats/Seat Belts

Circuit Breakers

Carburetor Heat

Master / Beacon

Fuel Selector

Air Inlet

Rudder

Fuel Pump	Oi
Fuel Selector	Fullest Tan
Mixture	Rich / A Require
Throttle	2000 RPI
Carb Heat	Chec
Magnetos	Chec
(max drop 175RPM / r	
Engine Gauges	In Limit
	In Limit
Vacuum	5.1 (+/:
Vacuum Ammeter	

Parking		
Avionics/ Transponder	Off	
Electrical Equipment	Off	
Throttle	1000 RPM	
Magnetos	Check Off/On	
Throttle	Low Idle	
Mixture	Cut-Off	
Magneto	Off / Key on Dashboard	
Master / Beacon	Off	

Securing the Aircraft		
Record		
Secure		
Secure		
Secure		
Check Off		

Engine Fire In Flight		
Mixture	Cut-Off	
Fuel Selector	Off	
Glide	Establish	
Landing Site	Select	
Mayday	Transmit 121.5	
Magnetos	Off	
Master Switch	Off	

Cabin Fire In Flight	
Master Switch	Off
Electrical Equipment	Off
Vents	Open
Land	ASAP

		PA-28-140
Carbureto	r Icing	
ır	On	CHECKLIST
	Adjust	Rev 4

Fuel Selector	Fullest Tank
Mixture	Set
Transponder	Altitude / VFR
Landing Light	On
Electric Fuel Pump	On
Clock	Noted

Before Takeoff

Carburetor Icing	
Carb Hear	On
Mixture	Adjust

* Use at your own risk. Refer to aircraft POH or AFM for more detailed information.*