



Interior Preflight		Before Start		Take Off			
Maintenance Status	CHK	Seatbelts / Harness	ON	Carb Heat	OFF		
Weather	CHK	Fuel Selector	BOTH	Mixture	FULL RICH		
AROW Documents	CHK	Mixture	FULL RICH	Throttle	FULL		
Hobbs / Tach Times	LOG	Throttle	1/2 Inch OPEN	Static RPM's	2200 - 2380		
Control Lock	REMOVE	Beacon	ON	Gauges	GREEN		
Fuel Selector	BOTH	Circuit Breakers	ALL IN	Airspeed	ALIVE		
Ignition Switch	OFF	Avionics Master	OFF	Rotate at 55 KIAS	OK		
Avionics Master	OFF	Prime	AS REQ	<b>Climb</b>		<b>Mesquite (KHQZ)</b>	
Master Switch	ON	Brakes	HOLD	Throttle	FULL	CTAF	123.05
Flaps	DOWN	<b>Engine Start</b>		60 - 75 KIAS	OK	AWOS	118.17
Fuel Gauges	CHK	Master Switch	ON	Trim	AS REQ	Elevation	446 MSL
Lights	CHK	Propeller Area	"CLEAR"	Landing Light	OFF	Runway	17 / 35
Master Switch	OFF	Ignition Switch	START	Flight Plan	OPEN	<b>Terrell (KTRL)</b>	
<b>Exterior Preflight</b>		Throttle	1000 RPM	<b>Cruise</b>		CTAF	122.80
		Oil Pressure	GREEN	Cruise RPM's	2300 - 2400	AWOS	119.27
		Flaps	UP	Trim	AS REQ	Elevation	474 MSL
		Avionics Master	ON	Mixture	AS REQ	Runway	17 / 35
		Mixture	LEAN 1 INCH	Gauges	GREEN	<b>Tyler Pounds (KTYR)</b>	
		Transponder	STBY / 1200	H.I. to Compass	SET	Tower	120.10
		H.I. to Compass	SET	<b>Descent</b>		ATIS	126.25
		GPS Navigation	ON	Mixture	FULL RICH	Elevation	544 MSL
		ATIS / AWOS	LISTEN	Fuel Selector	BOTH	Runway	13/31, 4/22
		Altimeter	SET	Carb Heat	AS REQ	<b>Sulphur Springs (KSLR)</b>	
		Radio Check	GET	Reduce Power	OK	CTAF	123.07
L Wing Leading Edge	OK	Taxi Light	AS REQ	Gauges	GREEN	AWOS	118.35
L Wingtip Lights	OK	Parking Brake	Off	<b>Pre-Landing</b>		Elevation	489 MSL
L Ailerons	OK	Brakes	TEST	Get ATIS / AWOS	OK	Runway	18 / 36
L Flaps	OK	<b>Run-Up</b>		Altimeter	SET	<b>McKinney (KTKI)</b>	
L Fuel Sump	OK	Position into Wind	OK	Gauges	GREEN	Tower	118.82
L Wheel/Tire/Brake	OK	Trim for Takeoff	SET	Flaps	AS REQ	ASOS	119.92
L Wing Tie-Down	REMOVE	Flight Controls	FREE	Lights	AS REQ	Elevation	585 MSL
Pitot Tube	CLEAR	Instruments	CHK	Seatbelts	OK	Runway	17 / 35
L Fuel Quantity	OK	Mixture	FULL RICH	<b>Go-Around</b>			
Propeller	OK	Throttle	1700 RPM	Pitch	UP	<b>EMERGENCY</b>	
Nose Wheel/Strut	OK	Vacuum Gauge	GREEN	Power	UP	<b>121.50</b>	
Engine Cowling	CHK	Oil Temp	GREEN	Clean (Flaps)	UP	<b>FLIGHT WATCH</b>	
Alternator Belt	OK	Oil Pressure	GREEN	Talk	UP	<b>122.00</b>	
Oil Quantity	4 Min, 5 Max	Ammeter	POS CHARGE	<b>After Landing</b>			
Nose Fuel Sump	OK	Magnetos	CHK	Radio Call	CLEAR	All V-Speeds in KIAS	
R Fuel Quantity	OK	Max Drop	125 RPM	Flaps	UP	Vso	35
R Wing Tie-Down	REMOVE	Max Diff	50 RPM	Mixture	LEAN 1 INCH	Vsi	45
R Wing Leading Edge	OK	Carb Heat	SMALL DROP	Carb Heat	OFF	Vr	55
R Wingtip Lights	OK	Throttle	IDLE	Strobes	OFF	Vx	60
R Aileron	OK	Carb Heat	OFF	Landing Light	AS REQ	Vg	65
R Flaps	OK	Throttle	1000 RPM	Trim for Takeoff	SET	Vy	75
R Fuel Sump	OK	<b>Pre-Takeoff</b>		Transponder	STBY / 1200	Va	82 - 99
R Wheel/Tire/Brake	OK	Flaps	AS REQ	<b>Engine Shut Down</b>		Vfe	85
Fuselage Skin	OK	Mixture	FULL RICH	Music (Avionics Master)	OFF	Vno	127
R Tail Leading Edge	OK	Carb Heat	OFF	Mixture	OFF	Vne	163
R Elevator	OK	H.I. to Compass	SET	Master Switch	OFF	Max X-Wind	15
Trim Tab	OK	Doors / Windows	CLOSED	Magnetos	OFF		
Rudder	OK	Transponder	ALT / 1200	Hobbs / Tach Times	LOG		
Tail Tie-Down	REMOVE	Strobe Lights	ON	Control Lock	SET	<b>Mesquite Aviation</b>	
L Elevator	OK	Scan Area for Aircraft	CHK	Tie downs	ALL	Main:	972-222-3546
L Tail Leading Edge	OK	Announce Intent	OK	Rudder Gust Lock	INSERT	Josh Sallee:	817-690-3563
Baggage Door	SECURE	Time Off Note	OK	Windows / Doors	SECURE		



972.222.3546

ENGINE LOSS IN FLIGHT	
<b>Fly The Airplane!!!</b>	
Airspeed (Best Glide)	65 KIAS
Best Field	CHK
Checklist	
Fuel Selector	ON
Mixture	FULL RICH
Throttle	FULL POWER
Carb Heat	ON
Magnetos	BOTH
Primer	IN & LOCKED
Declare Emergency	121.50 / 7700
Execute Landing	CHK

POWER LOSS IMMEDIATELY AFTER TAKEOFF / NO RESTART	
<b>Land Straight Ahead Avoiding Obstacles</b>	
Maintain Best Glide Speed	65 KIAS

IF NO RESTART AND TIME PERMITS	
<b>Fly The Airplane!!!</b>	
Maintain Best Glide Speed	65 KIAS
Squawk	7700
Declare Emergency	121.50
Fuel Selector	OFF
Mixture	FULL LEAN
Seatbelts	SECURE
Flaps	AS REQ
Magnetos	OFF
Master	OFF
Unlatch Door	CHK

ICING	
Pitot Heat	ON
Carb Heat	ON
Cabin Heat & Defrost	ON
Make A 180° Turn	CHK
Descend As Needed	CHK
Increase Engine Speed	CHK
DO NOT LOWER FLAPS!	CHK
Land Faster	CHK

LIGHT GUN SIGNALS		
	On The Ground	In The Air
Steady Green	Clear for Takeoff	Clear To Land
Flashing Green	Clear To Taxi	Return to Land
Steady Red	STOP	Continue Circling
Flashing Red	Taxi Clear of Runway	GO AWAY
Flashing White	Taxi To Parking	N/A
Alternating Green / Red	Use Extreme Caution	

ENGINE FIRE DURING START	
Continue Cranking Starter	
<b>If No Start :</b>	
Mixture	FULL LEAN
Fuel Selector	OFF
<i>Continue Cranking For A Few Seconds</i>	
Evacuate Airplane	OK
Fire Extinguisher	Use if Available
<b>If Start :</b>	
Run A Few Seconds	CHK
Shutdown	CHK
Inspect	CHK

ENGINE FIRE IN FLIGHT	
Mixture	FULL LEAN
Fuel Selector	OFF
Master Switch	OFF
Cabin Heat / Air	OFF
Increase Airspeed	EXTINGUISH FIRE

ELECTRICAL FIRE IN FLIGHT	
All Electrical Devices	OFF
Master Switch	OFF
Close Vents, Cabin Heat & Air	CHK
<b>If Fire Is Out :</b>	
Master Switch	ON
<i>Turn On One Essential Electrical Device At A Time</i>	
<i>Reset Circuit Breakers Only Once If Critical</i>	

CESSNA N738RQ	
Fuel Type	100LL
Fuel Capacity	43 Gal Total / 40 Gal Useable
Oil Capacity	5 Qts Max / 4 Qts Min
Tire Pressure	31 PSI-nose / 29 PSI-main
Engine	Lycoming O-320, 160 HP
Electrical	24 Volts, 60-amp
Empty Weight	1442 lbs
Useful Load	858 lbs with no fuel
Max T/O Weight	2300 lbs

