

# START HERE

**N900FT / Aircraft Type: SLG2**

## Cockpit

1. Seat Adjust - from the wing
2. Enter the aircraft
3. Lanes - OFF
4. Master / EFIS 1 / EFIS Bkup - ON
5. All Lights - On, Check then off
6. Flaps - Fully Extended (Notch 3)
7. Fuel - Check Quantity
8. Hobbs / Tac time - Record
9. Master / EFIS 1 / EFIS Bkup - OFF
10. Controls - Box Check
11. Fire Extinguisher - Check pin in place
12. A.R.O.W - On Board

## Left Wing

13. Observe tire, pressure, tread, leaks, brake pads
14. Flaps - Hinges, Bolts, Rods Secure
15. Ailerons - Hinges, Bolts, Rods Secure & Moves Freely
16. Wing Tip & Lights Secure
17. Leading Edge - Undamaged
18. Tie Down / Chalks - Remove
19. Fuel Vent - Check for Debris
20. Pitot Tube - Cover, Clear & Secure
21. Fuel Cap - Remove - Visual Level Check
22. Fuel - Drain & Check
23. Fairings - Check & Secure

## Cowling

24. Cowling - Check & Secure
25. Prop & Spinner - Check & Secure
26. Nose Gear - Pressure & Tread
27. Air Intakes x 2 - Check
28. Radiators x 2 - Check for Blockage
29. Oil & Coolant - Check Levels

## Right Wing

30. Fairings - Check & Secure
31. Fuel - Drain & Check
- 31.2 Sump Gascolator
32. Fuel Cap - Remove - Visual Level Check
33. Fuel Vent - Check for Debris
34. Leading Edge - Undamaged
35. Tie Down / Chalks - Remove
36. Wing Tip & Lights Secure
37. Ailerons - Hinges, Bolts, Rods Secure & Moves Freely
38. Flaps - Hinges, Bolts, Rods Secure
39. Observe tire, pressure, tread, leaks, brake pads

## Fuselage / Empennage

40. Fairing - Secure
41. Vertical Stabilizer - Secure
42. Horizontal Stabilizer - Secure
43. Elevator - Hinges, Bolts, Rods Secure & Moves Freely
44. Rudder - Hinges, Bolts, Cables Secure
45. Tie Down - Removed

## Interior (Enter the aircraft) / Passenger Briefing

46. Seatbelt Usage
47. Motion Sickness - Sick Bag Location
48. Emergency / Canopy / Exit Procedures
49. Fire Extinguisher
50. PTT Button & Radio Silence during Tx
51. Rudder Pedals & Brakes
52. Lanes and Fuel Pumps - No touch
53. Traffic Awareness
54. Positive Exchange of Flight Controls

## END OF PRE FLIGHT

## REMINDERS / REFERENCE

**Clean leading edges and windshield after your flight**

**RPM when static must be at least 2500 RPM, Taxi at or above 2100 RPM**

**Do not ride brakes**, allow speed to build during taxi then apply brake to slow down as needed

Tower Phone Number: 816-236-3682

Daniel Lamaster: 785-435-9785

FBO Phone Number: 816-233-3444

Lute Atieh: 816-261-7575

Engine Start	RUN - UP
1. Key - In Ignition	32. Face into wind if possible
2. Master - ON	33. Parking Brake - SET
3. Lane A & B Switches - ON	34. Pilot Briefing
4. Main Fuel Pump - ON	35. Controls - Box Check
5. EFIS Bkup / EFIS 1 - ON	36. Fuel Selector (High Tank)
6. Flaps - T/O position #1	37. ENGINE RPM - 4000
7. Strobe - ON	38. LANE A Switch - OFF
8. Fuel Selector - Low Tank	39. Red light comes on - 180 RPM DROP MAX
9. Brakes - Hold and Set	40. Lane A Switch - ON
10. Throttle Lever - Slightly Cracked	41. Wait for light to turn off
11. Trim - Neutral	42. LANE B Switch - OFF
12. ECU Backup - ON	43. Red light comes on - 180 RPM DROP MAX
13. Lane Lights Confirm OFF	44. Lane B Switch - ON
14. Watch Fuel PSI in Green	45. Wait for light to turn off
15. ECU Backup - OFF within 5 secs	<b>FUEL PUMPS - At least one fuel pump must remain on at all times to operate engine.</b>
16. Prop - CLEAR PROP	46. AUX Fuel Pump - ON (Wait 5 secs)
17. Engine Start	47. Main Fuel Pump - OFF (Wait 5 secs)
<b>Set RPM @ 2500 (Summer time)</b>	48. Observe fuel pressure stable
<b>Set RPM @ 2700 (Winter time)</b>	49. Main Fuel Pump - ON (Wait 5 secs)
18. Oil Pressure - IN THE GREEN	50. AUX Fuel Pump - OFF (Wait 5 secs)
19. Lane Lights - Confirm OFF (5 sec)	51. Observe fuel pressure stable
20. Check Alternator 13.8V min	52. Throttle to idle - Check engine smoothness
21. EFIS 2 - ON	53. Throttle to 2500
22. Avionics Switch - ON	54. Breakers Check
23. MAINTAIN 2500 RPM WHILE STATIC	55. Check all engine instruments are green
24. TAXI at 2100 RPM (Brake as needed)	56. Altimeter - Verify
<b>BEFORE TAXI</b>	57. Flight Instruments - Check & Verify
25. ATIS / AWOS & Altimeter Set	58. Navigation - Set
26. Transponder - SET	59. TAXI (SPEED - 2100 RPM) or above
27. Taxi Light - ON	<b>BEFORE TAKEOFF</b>
26. Seatbelts - CHECK	60. Transponder & Radio - SET
29. Brakes - Test during taxi	61. Trim - Neutral
30. TAXI at 2100 RPM (Brake as needed)	62. Fuel Pumps - BOTH ON
31. Radio Comm - Ground / CTAF	63. Flaps - Takeoff Position #1
	64. Seatbelts check / Canopy Closed & Locked
	65. Landing Light - ON
	66. Runway Alignment - Verify
	67. Stopwatch Set for XC



CLIMB	CLEAR OF RUNWAY (TAXI)
1. Flaps – Up at 400 feet	19. Transponder – Set
2. Power – Max Cont. 5500 RPM	20. Flaps – Up
3. Climb Speed – 72 kts	21. Lights – As Required
4. Cruise Climb – 75 to 90 kts	SHUTDOWN
5. Instrument & Heading – Check	22. Engine – Idle
CRUISE	23. Brake – Set
6. Power – 5000 (Max Cont. 5500 RPM)	24. Lights – All Off Except Strobe
7. Instruments – Check	25. RECORD HOBBS / TAC
8. Lights – As Required	26. (EFIS 2, Cabin Light, A/P, Avionics) – Off
9. Fuel Selector – <b>Switch Every Hour</b>	27. Lane B Switch – Off
DESCENT	28. Lane A Switch – Off
10. ATIS/AWOS – Copy	29. Master – Off
11. Altimeter – Set	30. Key – Remove & hang on heat knob
12. Aux Fuel Pump – On	31. Fuel Pumps – Both Off
13. Fuel Selector – Fullest Tank	32. EFIS/EFIS Bkup – Off
14. Lights – As Required	AFTER FLIGHT
15. Seatbelts – Check	33. Move seat to furthest rear position
16. Approach Brief – Complete	34. Fasten seatbelt and arrange on seat
BEFORE LANDING	35. Wipe down all leading edges and prop with water
17. Engine Instruments – Check	>>> (Cowling, Wings, Rear Stabilizers)
18. Fuel Quantity – Check	>>> Use microfiber cloth and water
	>>> Clean windscreen with approved spray
REFERENCE SECTION	
SQUAWK CODES	ENGINE TEMPS
1200 – VFR	<b>OIL TEMP</b> MIN 120 – 265 MAX
7600 – Lost Comms	<b>OIL PRESSURE</b> MIN: 15 – 100 MAX
7700 – Emergency	<b>CHT MAX:</b> 275
SPEEDS	
VR – 45 kts (Rotate)	VA – 91 kts (Maneuvering speed)
Vs0 – 40 kts (Stall with full flaps)	VNO – 110 kts (Max smooth air speed)
Vs1 – 45 kts (Stall with no flaps)	VNE – 135 kts (Max airplane speed)
VFE – 85 kts (Max flap extension Speed)	<b>Best Glide – 72 kts</b>
VX – 65 kts (Best angle of climb)	<b>Max X-wind – 10 kts within 20 degrees</b>
VY – 72 kts (Best rate of climb)	<b>Ceiling – 12,000 ft</b>
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## EMERGENCY CHECKLISTS

ENGINE FAIL - TAKEOFF RUN	FIRE PROCEDURES
Power – Idle	If in Flt, pitch for 135 kts, find ER landing area
Lanes – Off	Heating – Close
Brakes – Apply as Needed	Fuel Selector – Close
Electrical & Master Switches – Off	Throttle – Full Power
Fuel Valve & Pumps – Off	Lanes and Fuel Pumps – Off after engine stops
ENGINE FAIL AFTER T/O	Land ASAP, Stop, & Egress
Airspeed – Check (72 KIAS)	Extinguish Fire or call Fire Dept.
Best Field	////////////////// ER - OFF FIELD LANDING //////////////////
if <600 AGL: Don't turn >45° off heading	Proper Speed & Trim – 72 kts
if >600 AGL: Consider Return to Rwy	Head for Field & Determine Wind
Flaps – As Needed	Safety Harness – Tighten
Throttle – As Needed	Engine Restart – if time permits
After Touchdown - Secure	Flaps – As Needed
Lanes and Fuel Pumps – Off	<b>Communicate Out</b>
Fuel Selector & Valve – Off	Flt Facility or 121.5, ID , Emg.,
ENGINE ISSUES IN FLIGHT	WX, Intent & Rqsts, Pos., Head.
Troubleshoot	& Alt, Fuel, SOB, ELT, Sqk 7700
Check throttle position – 72 KIAS	<b>Communicate In</b>
Check Engine & Fuel Gauges	Egress procedures , Cell & Radio use,
Switch Fuel Valve to Fuller Tank	ELT, Hammer, Fire Ext, Chute for
Fuel Pump – Both On	Shelter, Direction & Distance to help
Lanes – CYCLE ONE AT A TIME OFF/ON	If no Engine Restart:
Land ASAP	Fuel Selector & Pump– Off
ENGINE RESTART IN FLIGHT	Lanes - Off
Fuel Pumps – On	Master & Electrical Switches – Off
Fuel Selector – Ensure On	
Throttle – Set to Middle Position	
Master & Electrical Switches – On	
Lanes A and B – On	
Starter – Engage	
If no start, try again with ECU backup on	
If no restart w/ECU backup on, LAND ASAP	
	Text any checklist change suggestions to Lute @ 816-261-7575
	July 22, 2025 V3

