

BEST GLIDE: 85 kts

AWOS FREQ:

CTAF FREQ:

PLANE-to-PLANE FREQ:

Engine Start

- 1) BRAKES ON
- 2) ELEVATOR BACK
- 3) AUX BATT ON
- 4) MASTER+ALT ON
- 5) MAG/EMAG ON
- 6) FUEL LEFT TANK
- 7) MIXTURE CUT OFF
- 8) THROTTLE ¼" OPEN
- 9) BOOST PUMP ON (Verify Fuel Pressure)
- 10) Mixture: OPEN 3-5 Seconds, until fuel flow
- 11) CLEAR PROP
- 12) STARTER ENGAGE
- 13) MIXTURE FULL
- 14) OIL PRESSURE CHECK
- 15) THROTTLE 1000 RPM
- 16) AVIONICS MASTER ON
- 17) FLAPS UP
- 18) EFIS LOGGING ON

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RUN UP

- | | |
|---------------|---------------|
| 1) BRAKES | ON |
| 2) ELEVATOR | BACK |
| 3) THROTTLE | 1,800 RPM |
| 4) MAG CHECK | |
| 5) CYCLE PROP | |
| 6) THROTTLE | IDLE CHECK |
| 7) THROTTLE | 900-1,000 RPM |

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PRE TAKE OFF

- | | |
|------------------|---------------|
| 1) BRAKES | ON |
| 2) CANOPY | LATCHED |
| 3) MIXTURE | RICH |
| 4) PROP | FULL FORWARD |
| 5) FUEL PUMP | ON |
| 6) FLAPS | CHECK UP |
| 7) TRIM | CHECK NEUTRAL |
| 8) TRANSPONDER | ACTIVE |
| 9) STROBE LIGHTS | ON |
| 10) NAV LIGHTS | ON |

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TAKE OFF

- | | |
|-------------|--------------------------|
| 1) THROTTLE | SLOWLY ADVANCE FULL |
| 2) TAIL | LIFT WHEN @ SPEED |
| 3) AILERONS | CHECK AUTHORITY SLIGHTLY |
| 4) ROLL | 55-60 KTS |
| 5) CLIMB | Vy 91 KTS |

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FIRST FLIGHT

- 1) CLIMB SPEED 110 kts @ 1600' MSL
- 2) STABILITY CHECK ON ALL AXIS
- 3) CLIMB SPEED 140 kts @ 3600' MSL
- 4) STABILITY CHECK ON ALL AXIS
- 5) LEVEL OUT 150 kts @ 4600' MSL
- 6) STABILITY CHECK ON ALL AXIS
- 7) CIRCLE 3-5 minutes. Get comfortable.
- 8) SLOW DOWN 91 kts
- 9) DEPLOY FLAPS 10 degrees at a time. CHECK STABILITY.
- 10) SLOW DOWN 65 kts (FULL FLAPS)
- 11) STALL PULL POWER
- 12) RECOVER STALL
RUDDER
FULL POWER
FORWARD ELEVATOR
LEVEL OUT
- 13) RECORD STALL SPD FINAL SPEED = 1.3 x STALL SPEED
- 14) PULL POWER 15"
- 15) DESCEND 130-140 kts
- 16) ENTER TP on downwind around 110 kts.

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LANDING

- 1) ABEAM NUMBER 90 kts. 10 degrees flaps
- 2) ON BASE 85 kts. 20 degrees flaps
- 3) ON FINAL 75 kts. FULL FLAPS.
- 4) PROP FULL FORWARD
- 5) MAINTAIN 75kts to runway.

GO AROUND

- 1) FULL THROTTLE
- 2) FLAPS UP
- 3) CLIMB @ 91 KTS