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| **STARTUP** |
| Preflight and documents – checked/signed |
| Seat belt - fastened |
| Fuel selector - on |
| Radio and transponder - off |
| Mixture - rich |
| Carburetor heat - cold |
| Primer – as required, and lock |
| Throttle – open (3-6mm) |
| Master and Magnetos – both on |
| Propeller area – checked clear |
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| Start engine – oil pressure check |
| RPM 1200 – generator check |
| Radio and Transponder (7000) on |

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| **CLIMBING IN TOW** |
| Maintain steady nose attitude |
| Monitor traffic, light as required |
| Monitor engine Max CHT 455°F |
| Radio – inform routing |

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| **GLIDER RELEASE - DESCEND** |
| Throttle – gently reduce to 2200 – 2300 RPM |
| Speed – 90 KTS |
| Mixture - Lean |
| Radio - inform |
| Monitor CHT – Max reduction 50°F/min |
| **RUN UP** |
| Oil temperature - check |
| Throttle- 1800 RPM |
| Magnetos - max drop 100 RPM |
| Carburetor heat – check |
| Throttle Idle – check running |
| Throttle 1200 - lean for taxi |
| Flight controls - check |
| Instruments – check, altimeter set |
| Lights – as desired |

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| **BEFORE TAKE OFF** |
| Flaps – as required |
| Trim – set |
| Fuel – check and select tank |
| Mixture – full rich |
| CHT Scan – Select high temp (left button) |
| Radio - inform |

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| **APPROACH PATTERN - LANDING** |
| Observe traffic – Radio inform |
| Lights – as required |
| Mixture – full rich |
| Drop line straight in or separate drop run |
| Flaps – as required |
| Carburetor heat – as required -  Off at short final |
| Throttle – open every 500 feet |

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| **BEFORE MOVING PLANE** |
| Documents - check |
| Fuel selector -check on |
| Magnetos – check off |
| Drain Fuel, both wings and fuel filter |
| Check fluid leaks - engine, fuel and brakes |
| Check for visible damage |

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| **NOSE AND ENGINE** |
| General condition – check |
| Propeller and spinner – check |
| Air intake – check clear |
| Engine compartment – check |
| Spark plug cables and caps – check |
| Operate primer – check leaks |
| Oil level – check (4 – 6 quarts recommended) |
| Dipstick secured – check |
| Cowling – closed and secured |

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| **WINGS, MAIN WHEELS AND FUSELAGE** |
| Leading edge and surfaces - check |
| Brakes – check for leak and pads |
| Tyres and landing gear - check |
| Ailron, hinges movement and wires - check |
| Plaps, hinges and struts - check |
| Wing tips and lights - check |
| Wing struts and bolts - check |

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| **FUEL AND CAP** |
| Fuel quantity - check |
| Fuel vent and cap – check and secure |

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| **COCPIT** |
| Loose items – check and remove |
| Electrical Equipment – check all off |
| Circuit Breakers - check |
| Fuel quantity - check |
| Flight controls – check movement |
| Fire extinguisher – check |
| First aid kit - check |
| Master on- check lights as req– master off |
| Flap – set full |

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| **TAIL AND RUDDERS** |
| General condition - check |
| Hinges and movement - check |
| Control Wires – check secured |
| Struts - check |
| Trim – check and grease as required |
| Tail Wheel & steering- check  Lift and secure tail to grease as required |
| Tow racket - check |