

PREFLIGHT INSPECTION

I. Cabin

- (1) Canopy -- OPEN
- (2) Control Wheel Lock -- REMOVE
- (3) Ignition Switch -- OFF
- (4) Master Switch -- OFF
- (5) Mixture -- IDLE CUTOFF

II. Left Wing Trailing Edge

- (1) Flap -- Secure and undamaged
- (2) Aileron -- Security and freedom of movement
- (3) Tank Drain -- Fuel clear, drain secure

III. Left Wing

- (1) Wing Tip and Light -- Undamaged
- (2) Fuel Tank -- Assess fuel quantity, Cap Seal undamaged, Cap secure
- (3) Fuel Tank Vent -- Unobstructed
- (4) Wing Inspection Plates -- Secure
- (5) Tie-down -- REMOVE
- (6) Pitot Tube -- Unobstructed

IV. Left Wing Leading Edge

- (1) Leading Edge -- Undamaged
- (2) Landing Gear, Wheel Fairing, and Tire -- Undamaged, Tire properly inflated
- (3) Wheel Chock(s) -- REMOVE

V. Left Cowl

- (1) Windshield -- Clean, undamaged
- (2) Fuel Pump Overflow Drain -- Unobstructed
- (3) Fresh Air Vents -- Unobstructed
- (4) Oil Breather Vent -- Unobstructed
- (5) Cowling -- Latches secure

VI. Nose

- (1) Propeller and Spinner -- Secure, undamaged
- (2) Nose Cowling -- Secure, undamaged
- (3) Landing Light -- Secure, undamaged
- (4) Nose Gear and Fairing -- Undamaged, tire properly inflated, clear of debris
- (5) Tow Bar -- REMOVE
- (5) Wheel Chock(s) -- REMOVE
- (6) Cowl Inlets -- Unobstructed
- (7) Alternator Belt -- Proper tension and condition
- (8) Carburetor Air Intake -- Unobstructed

VII. Right Cowling

- (1) Windshield -- Clean, undamaged
- (2) Engine Oil Level -- 4 Quarts minimum, capacity 8 quarts
- (3) Vacuum Pump Vent -- Unobstructed
- (4) Battery -- Secure
- (5) Cowling and Oil Access Door -- Latches secure

VIII Right Wing Leading Edge

- (1) Leading Edge -- Undamaged
- (2) Landing Gear, Wheel Fairing, and Tire -- Undamaged, Tire properly inflated
- (3) Wheel Chock(s) -- REMOVE

IX Right Wing

- (1) Wing Tip and Light -- Undamaged
- (2) Fuel Tank -- Assess fuel quantity, Cap Seal undamaged, Cap secure
- (3) Fuel Tank Vent -- Unobstructed
- (4) Wing Inspection Plates -- Secure
- (5) Tie-down -- REMOVE

X Right Wing Trailing Edge

- (1) Aileron -- Security and freedom of movement
- (2) Flap -- Secure and undamaged
- (3) Tank Drain -- Fuel clear, Drain secure

XI Right Side of Fuselage

- (1) Static Source -- Unobstructed
- (2) Antennas -- Secure and undamaged
- (3) Fuselage -- Undamaged

XII Empennage

- (1) Elevators -- Security and freedom of movement
- (2) Rudder -- Security and freedom of movement
- (3) Trim Tab -- Secure
- (4) Tail Cone and Light -- Secure and undamaged
- (5) Tie-down -- REMOVE

XIII Left Side of Fuselage

- (1) Static Source -- Unobstructed
- (2) Fuselage -- Undamaged

XIV Night Flight Preflight

- (1) Spare Fuses -- LOCATE
- (2) Flashlight -- LOCATE
- (3) Required Charts -- LOCATE

ELECTRICAL SYSTEMS PREFLIGHT

I Cabin

- (1) Master Switch -- ON
- (2) Instrument Lights -- CHECK-ON- OFF
- (3) Navigation Lights -- ON
- (4) Flashing Beacon -- ON
- (5) Pitot Heat -- ON
- (6) Landing Light -- ON

II Left Wing

- (1) Navigation Light -- Illuminated
- (2) Pitot Tube -- CHECK (for heat)

WARNING

Do not touch pitot tube directly, or possible burn injury may result.

III Nose

- (1) Landing Light -- Illuminated

IV Right Wing

- (1) Stall Warning Vane -- LIFT-CHECK (for Stall Horn activation)
- (2) Navigation Light -- Illuminated

V Empennage

- (1) Navigation Light -- Illuminated
- (2) Flashing Beacon -- Operating

VI Cabin

- (1) Landing Light -- OFF
- (2) Pitot Heat -- OFF
- (3) Flashing Beacon -- OFF
- (4) Navigation Lights -- OFF
- (5) Master Switch -- OFF