

L 23 SUPER BLANIK PREFLIGHT INSPECTION CHECKLIST

Front fuselage section

- Fuselage skin ----- no damage
- Left & right static ports ----- clear
- Cockpit canopy surface ----- no damage / clean
- Nose pitot tube ----- no damage / clear

Cockpit

- Instruments ----- no damage
- Altimeters ----- correct setting (900 ft at I99)
- Front ventilation ----- for season
- Safety belts ----- no damage

Landing gear

- Tire ----- no damage, correct inflation

Left wing

- Wing skin / leading edge ----- no damage
- Wing-tip fairing ----- no damage / secure
- Aileron skin / trailing edge ----- no damage
- Ailerons ----- free movement
- Airbrake locking hinges ----- locking / hinges / control tie rods

Rear fuselage section

- Inspection ports, cables, fasteners ----- snug
- Fuselage skin ----- no damage

Empennage

- Vertical stabilizer ----- no damage
- TE Compensator probe ----- in place, cover removed
- Elevator ----- free movement
- Horizontal stabilizer ----- front pin locking wire secure
- Rudder ----- free movement

Tail landing gear

- Landing gear attachment ----- no damage of attachment

Right wing

- Wing skin / leading edge ----- no damage
- Wing-tip fairing ----- no damage or loose
- Aileron skin / trailing edge ----- no damage
- Ailerons ----- free movement
- Airbrake locking hinges ----- locking / hinges / control tie rods

Front fuselage section

- Front canopy hinge pins ----- proper position / safety wire secure

Please Return Checklist to Cockpit when Finished

L 23 SUPER BLANIK

BEFORE GRIDDING

A - ALTIMETER
 B - BALLAST
 B - BELTS AND HARNESS
 C - CONTROLS/SPOILERS/TRIM
 C - CABLE
 D - DIRECTION (WIND)
 E - EMERGENCY PLAN
 R - RADIO ON - 123.05

BEFORE TAKEOFF

C - CONTROLS
 B - BALLAST
 S - STRAPS
 I - INSTRUMENTS
 T - TRIM
 C - CANOPY
 B - BRAKES

BEFORE LANDING

U - UNDERCARRIAGE
 S - SPEED
 T - TRIM
 A - AIRBRAKES
 L - LAND

Reference Airspeeds

	<u>Dual</u>	<u>Solo</u>	
Best L/D -----	49 -----	43 -----	(kts)
Min Sink -----	41		
VA Maneuvering -----	81		
VT Max Aerotow -----	81		

No Wind XC Performance Estimates

400 feet per statute mile
 - or -

2 ½ statute miles per 1000 ft

With 50 % safety factor
 L/D = 14 at Best L/D Speed
 5280/14 = 377 feet per statute mile

Empty Weight 809S ----- 722 lbs
303BA ---- 713 lbs
Max Gross Solo 969 lbs Dual 1124 lbs

[L-23 Preflight Checklist 02_11]