

2.0 **LIMITATIONS**
(Sea Level, ISA, IAS @ UTILITY GROSS WT)

2.1 **TAKEOFF DISTANCE, HARD SURFACE**

No Flaps, No Wind: 700 ft
To Clear 50 ft Obstacle: 900 ft

2.2 **LANDING DISTANCE, HARD SURFACE**

Flaps @ 45°, No Wind: 800 ft
To Clear 50 ft Obstacle: 1400 ft

2.3 **OTHER LIMITATIONS**

Empty Weight: 1151 lb
Utility Gross Weight (@+4.4/-3 g): 1900 lb
Utility Useful Load: 749 lb
Baggage Capacity: 100 lb max [15 ft³]
Service Ceiling: 20,000 ft

Design Ultimate Load Factors @ Aerobatic Gross Weight: +9/-6 g
Aerobatic Gross Weight (@+6/-4 g): 1410 lb
Aerobatic Useful Load: 259 lb

Never Exceed Speed (V_{NE}): 210 mph

Maximum Direct Crosswind Component: 15 Knots

Minimum Turning Radius: 14 ft - 11 in

Prop Restriction: Avoid continuous operation from 2000 to 2250 rpm

Engine Redline: 2700 rpm

Fuel Capacity: 37.5 gal usable

**THIS AIRCRAFT IS APPROVED FOR POSITIVE g
AEROBATIC OPERATIONS. INTENTIONAL SPINS ARE NOT
RECOMMENDED, AS AIRSPEED TENDS TO BUILD RAPIDLY
IN THIS AIRCRAFT.**

2.0 **LIMITATIONS**

(Sea Level, ISA, IAS @ UTILITY GROSS WT)

2.1 **TAKEOFF DISTANCE, HARD SURFACE**

No Flaps, No Wind: 700 ft

To Clear 50 ft Obstacle: 900 ft

2.2 **LANDING DISTANCE, HARD SURFACE**

Flaps @ 40°, No Wind: 800 ft

To Clear 50 ft Obstacle: 1400 ft

2.3 **OTHER LIMITATIONS**

Empty Weight: 1068 lb

Utility Gross Weight (@+4.4/-3 g): 1750 lb

Utility Useful Load: 682 lb

Baggage Capacity: 100 lb max [15 ft³]

Service Ceiling: 20,000 ft

Design Ultimate Load Factors @ Aerobatic Gross Weight: +9/-6 g

Aerobatic Gross Weight (@+6/-4 g): 1375 lb

Aerobatic Useful Load: 307 lb

Never Exceed (V_{NE}): 183 Kts

Maximum Direct Crosswind Component: 15 Knots

Minimum Turning Circle: 28'-6"

Engine Redline: 2700 rpm

Fuel Capacity: 37.5 gal Usable

THIS AIRCRAFT IS APPROVED FOR POSITIVE g AEROBATIC OPERATIONS. INTENTIONAL SPINS ARE NOT RECOMMENDED, AS AIRSPEED TENDS TO BUILD RAPIDLY IN THIS AIRCRAFT.