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|   | Part-103 Ultralight | Experimental |
| Configuration | Single Place | Single Place |
| Empty Weight*(1)* | 235 lbs. | 265-315 lbs. |
| Gross Weight | 600 lbs. | 600 lbs. |
| Length | 16 ft. 3.25 in. | 16 ft. 3.25 in. |
| Wing Span | 26 ft. 10.25 in. | 26 ft. 10.25 in. |
| Wing Area | 121 sq. ft. | 121 sq. ft. |
| Wing Loading @ 450 Lbs. | 3.72 lbs. / sq. ft. | 3.72 lbs. / sq. ft. |
| Wing Loading @ 500 Lbs. | 4.13 lbs. / sq. ft. | 4.13 lbs. / sq. ft. |
| Wing Loading @ 550 Lbs. | 4.54 lbs. / sq. ft. | 4.54 lbs. / sq. ft. |
| Wing Loading @ Max Gross Weight | 4.96 lbs. / sq. ft. | 4.96 lbs. / sq. ft. |
| Design Load Limits @ Gross Weight | +4 / -2 |  +4 / -2 |
| Engine Power Requirements | 28 hp. - 50 hp. | 28 hp. - 50 hp. |
| Propeller Max. Diameter | 60 inches | 63 inches |
| Stall Speed | 26 – 28 mph | 26 – 33 mph |
| Cruise Speed *(2)* | 45-63 mph | 45-70 mph |
| Top Speed | 63 mph | 63 mph |
| Rate Of Climb | 500 - 650 fpm | 500 – 1,600 fpm |
| Sink Rate | 350 - 400 fpm. | 350 - 450 fpm. |
| Roll Rate | 45° to 45° bank / 2.5 seconds | 45° to 45° bank / 2.5 seconds |
| Take Off Distance | 100 - 200 ft. | 75 - 150 ft. |
| Landing Distance | 100 - 200 ft. | 100 - 200 ft. |
| Fuel Capacity | 5 U.S. Gallons | 5, 7 or 10 U.S. Gallons |
| Endurance | 1.5 - 2 hours | 1.5 - 3 hours |
| Fuel Consumption | 1.75 – 2.5 gph | 1.75 – 3.8 gph |
| Range | 80 - 100 miles | 80 - 250 miles |
|   |   |   |
| Limitations & V-Speeds |   |
| Vne (never exceed) | 70 mph. | 70 mph. |
| Va  (design maneuvering speed) | 50 mph. | 50 mph. |
| Vfe  (max flaps extended) | 70 mph. | 70 mph. |
| Vy  (best rate of climb) | 45 mph. | 45 mph. |
| Vx  (best angle of climb) | 40 mph. | 40 mph. |
| Vs  (stall, flaps retracted) | 28 mph | 28 mph |
| Vs  (stall, flaps extended) | 26 mph | 26 mph |
| Vr  (rotation speed) | 30 mph. | 30 mph. |
| Max. Crosswind Component | 15 mph | 15 mph |
| Max. Wind Speed | 25 mph. | 25 mph. |
| Max. Bank Angle | 45° | 45° |
| Max. Pitch Angle | 30° | 30° |

Spins:  Prohibited.

Aerobatic Flight:  Prohibited.