

MAKE AND MODEL ZODIAC 601 XLB

V _{SO} - Stall Speed, Flaps Down, Power Off	<u>40 KTS</u>
V _S - Stall Speed, Flaps Up, Power Off	<u>45</u>
V _X - Best Angle of Climb Speed	<u>60</u>
V _Y - Best Rate of Climb Speed	<u>60</u>
V _{FE} - Maximum Flaps Extended Speed	<u>70</u>
V _A - Maneuvering Speed	<u>82</u>
V _{NO} - Maximum Structural Cruising Speed	<u>110</u>
V _{NE} - Never Exceed Speed	<u>140</u>
V _R - Normal Takeoff Rotation Speed	<u>70</u>
Normal Climb Speed	<u>70</u>
Short Field Takeoff Climb Speed	<u>60</u>
Normal Approach Speed, Full Flaps	<u>60</u>
Short Field Approach Speed	<u>55</u>
Best Glide Speed	<u>60</u>
Maximum Crosswind Component	<u>25</u>
Maximum Rate of Climb, Sea Level	<u>1000 FPM</u>
Service Ceiling	<u> </u>
Fuel Capacity	<u>24 GALS</u>
Usable Fuel	<u>22</u>
Fuel Grade	<u>100LL</u>
Fuel Selector .. Off <u>X</u> Both <u>X</u> Left <u>X</u> Right <u>X</u>	
Maximum Endurance .. AT 2400 RPMs	<u>3.3 HRS</u>
Fuel Burn AT 2400 .. Gallons Per Hour	<u>6.5</u>
Oil Capacity	<u>6 RTS</u>
Minimum Safe Oil	<u>5</u>
Grade Oil	<u>15W50</u>
Maximum Weight	<u>1400</u>
Empty Weight	<u>870</u>
Useful Load	<u>530</u>
Maximum Baggage	<u>30</u>
Tire Pressures .. Nose <u>30</u> Main <u>30</u>	