**ARROW II**

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| **SPEEDS (MPH)**  **Vso**......................................64 Stall speed dirty  **Vr**...................................60-70 Rotation speed  **Vs1**......................................71 Stall speed clean  **Vx** (gear up)………..…...…96 Best angle of climb  **Vx** (gear down)...................85 Best angle of climb  **Vy** (gear up)……….……..100 Best rate of climb  **Vy** (gear down)………..…..95 Best rate of climb  **Vfe**……………….….....….125 Max flaps extended  **Vno**....................................170 Max structural cruising  **Vne**....................................214 Never-exceed  **Va** (@2500lbs)...................131 Design maneuvering  **Vlo** (gear up)………….......125 Max gear operating  **Vlo** (gear down)………......150 Max gear operating  **Vle**………………...….…....150 Max gear extended  Best Glide……………........105  Max. Demon. X-Wind..........20  Approach (Flaps DN)..........90  Short Field Approach...........85  Enroute Climb....................110 |