



FS 2004 DASSAULT FALCON 50 REFERENCE INFORMATION

For detailed instructions on how to fly this aircraft, see the Flight Manual. For standard procedures, see the Checklists tab.

Total aircraft weight with full fuel and payload

38,800 lbs

VMO - Maximum Operating Speed

350 KIAS at sea level

370 KIAS at 10,000 feet

MMO - Maximum Operating Speed (Mach)

.869 (above 24,000 feet)

VNE - Never Exceed Speed

370 KIAS

VLE - Maximum speed with gear extended

220 KIAS

VLO - Maximum speed for operating the landing gear

190 KIAS

VFE - Slats Extended Speed 200 KIAS

Flaps 20° Extended Speed 190 KIAS

Flaps 48° Extended Speed 175 KIAS

V1 - Takeoff Decision Speed

110 KIAS

VR - Rotation Speed

115 KIAS

V2 - Takeoff Safety Speed

126 KIAS

VREF - Landing Approach Speed (flaps 48 degrees, gear down)

131 KIAS

Best Glide Speed

160 KIAS

NOTE: For explanations of speeds used on this tab, see "V-speeds" in the Glossary section of Help.