



The F-100 is a single-seat, single-jet supersonic fighter. Developed from the smaller F-86 Sabre, the F-100 has a wing which is sharply sweptback (45°), tapered, and blunt tipped. The low midmounted wing is set with no dihedral. The wing tips extend behind the leading edge of the horizontal stabilizer. An oval air intake and rounded-off afterburner are easily recognizable features of the fuselage. The horizontal stabilizer, with no dihedral, is mounted to the underside of the aft fuselage. This "flying-tail-type" stabilizer is sweptback and tapered (taper of leading edge duplicates taper of wing leading edge), with blunt tips. A dorsal spine and dorsal fin fairing are incorporated with the sweptback, tapered, square-tipped vertical stabilizer. The low-set cockpit adds to the overall clean appearance of the F-100.

AIR FRAME		OPERATIONAL DATA		POWER PLANT	
Mfr.	NORTH AMERICAN	Max. Range (Naut. Miles)	1,000 plus (F-100F)	No. of Engines	1
Wing Span	38.6'	Crew No.	1	Model No.	J-57
Length	51.1'	Max. Speed (Knots)	800 approx.	Mfr.	P & W
Combat Weight (Lbs.)	29,000 approx.	Service Ceiling (Ft.)	48,000 approx.	Type	Turbojet
				Rating Each	10,200# plus 5,800# A.B.

