

airspeed and acceleration limitations



ONLY THE CONFIGURATIONS LISTED ARE APPROVED FOR FLIGHT.

F-86F-25 AND LATER AIRPLANES

OUTBOARD STATION	INBOARD STATION	INBOARD STATION	OUTBOARD STATION	AIRSPPEED LIMITATIONS	G-LIMITS
CLEAN	CLEAN	CLEAN	CLEAN	600 knots IAS or airspeed where wing roll is excessive.	+7.0* -3.0
	120 GAL DROP TANK†	120 GAL DROP TANK†		IF BOTH TANKS ARE TYPE I OR III Above 25,000 feet: Maximum attainable, except avoid buffet regions. Below 25,000 feet: 500 knots IAS or Mach .90, whichever is lower.	TANKS WITH FUEL +5.5* -2.0 TANKS EMPTY +6.0* -2.0
				IF EITHER TANK IS TYPE II OR IV 500 knots IAS or Mach .90, whichever is lower. No abrupt maneuvers, no continuous rolls, rate of roll limited to 90 degrees per second.	+4.0 -2.0
TYPE I OR III USAF FORCED EJECTION OR NAA 200 GAL DROP TANK			TYPE I OR III USAF FORCED EJECTION OR NAA 200 GAL DROP TANK	600 knots IAS or airspeed where wing roll is excessive. Avoid buffet regions. No continuous rolls.	TANKS WITH FUEL +5.0 -2.0 TANKS EMPTY +5.5* -2.0
NAA TYPE I OR III 200 GAL DROP TANK	NO STORES	A/A37U-15 TOW SYSTEM	NAA TYPE I OR III 200 GAL DROP TANK	Target stowed: 250 knots IAS Target trailing: 400 knots IAS	Target stowed: 1.5 and 0 G. Target trailing: 3.0 and 0 G.
	M57A1 BOMB	M57A1 BOMB		Maximum attainable, except avoid buffet regions.	+6.0* -2.0
	M64A1 BOMB	M64A1 BOMB		BOMBS WITHOUT T-127 FIN Mach .70. No continuous rolls.	+4.0 -2.0
				BOMBS WITH T-127 FIN Above 15,000 feet: Mach .90. Below 15,000 feet: 500 knots IAS or Mach .90, whichever is lower. No continuous rolls.	
FOUR 5 IN. HVAR	FOUR 5 IN. HVAR	FOUR 5 IN. HVAR	FOUR 5 IN. HVAR	Maximum attainable, except avoid buffet regions. No continuous rolls.	+6.0* -2.0
	M65A1 BOMB WITH T-142 FIN	M65A1 BOMB WITH T-142 FIN		Mach .85. No continuous rolls.	+2.0 -2.0
	M116A2 NAPALM BOMB	M116A2 NAPALM BOMB		500 knots IAS or Mach .90, whichever is lower.	+5.5* -2.0
	M117 BOMB	M117 BOMB		Above 15,000 feet: Mach .90. Below 15,000 feet: 500 knots IAS or Mach .85, whichever is lower. No continuous rolls.	+5.5* -2.0
TYPE I OR III USAF FORCED EJECTION OR NAA 200 GAL DROP TANK	M64A1 BOMB (WITHOUT M128A1 FIN)	M64A1 BOMB (WITHOUT M128A1 FIN)	TYPE I OR III USAF FORCED EJECTION OR NAA 200 GAL DROP TANK	Mach .70. No continuous rolls.	+4.0 -2.0
	BLU-1/B, B/B, C/B, BLU-27/B	BLU-1/B, B/B, C/B, BLU-27/B		500 knots to Mach .90.	+1
NAA TYPE I OR III 200 GAL DROP TANK	BLU-1/B, B/B, C/B, BLU-27/B	BLU-1/B, B/B, C/B, BLU-27/B	NAA TYPE I OR III 200 GAL DROP TANK	450 knots to Mach .90.	+1

Warning

The displacement strut, part No. 67D45095, must be used when BLU-1/B B/B and C/B, and BLU-27/B stores are carried.

Figure 5-3 (Sheet 1 of 6)