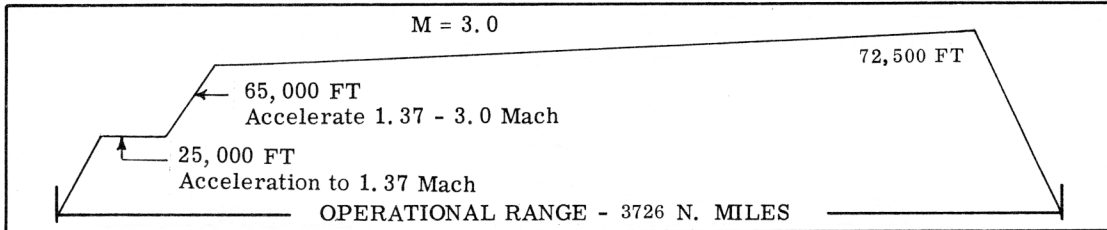


Characteristics Summary Basic Mission . . XB-70A Air Vehicle Nr 1



P E R F O R M A N C E		
COMBAT RADIUS	OPERATING RANGE	S P E E D
NOT APPLICABLE	3726 naut. mi with 41,688 gal fuel at _____ knots avg. in 3.00 hours at 521,056 lb T.O. wt.	MAX 1721 knots at 65,000-72,500 ft alt, min A/B power
C L I M B	C E I L I N G	T A K E - O F F
7170 fpm sea level, take-off weight mil power	77,350 ft 100 fpm, combat weight max power	ground run 7400 ft _____ ft no assist assisted
30,380 fpm sea level, combat weight maximum power	77,100 ft 500 fpm, combat weight maximum power	over 50 ft height 10550 ft _____ ft no assist assisted
L O A D	W E I G H T S	MIN. SAFE SPEED
Fuel: 41,688 gal protected _____ % droppable _____ % external _____ % Density: JP-6 lb/gal (6.55)	Empty..... 231,215 lb	160.5 knots - T. O. Wt.
	Combat... 309,590 lb	112.3 knots - Landing Wt
	Take - off 521,056 lb	TIME TO CLIMB

N O T E S

1. Performance Basis:
 (a) Performance is based on actual empty weight of air vehicle.
 Flight test instrumentation and instrumentation package not included.
 (b) 309,590 lbs is the weight 1200 N Miles prior to mission completion

Revision Basis: To reflect latest characteristics and performance based on actual weight