

PROPERTY OF
AIR FORCE MUSEUM
Wright-Patterson Air Force Base
Critical Issue

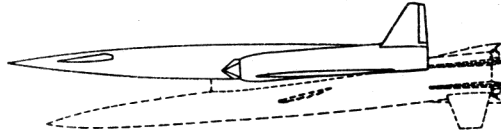
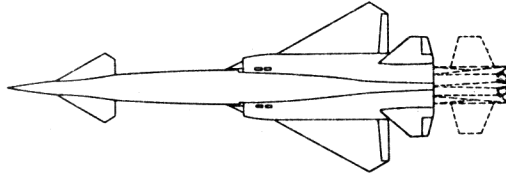
C6
XB-64 NAVAHO/char
(Security Information)

Unclassified
~~SECRET~~

SURFACE-SURFACE

Characteristics Summary

BOMBER XB-64



"NAVAHO"

NORTH AMERICAN

Wing Area 425 sq ft Length 67.8 ft
Span 28.2 ft Height 11.6 ft

AVAILABILITY

PROCUREMENT

Number available			Number to be delivered in fiscal years			
ACTIVE	RESERVE	TOTAL				

STATUS

1. Project Initiated: Feb 46
2. Contract Date: Feb 46
3. First Flight (test article): Apr 55

POWER PLANT

SUSTAINER
(2)XRJ47-W-5
Wright Aero. Corp.

THRUST RATINGS

ALT	-	LB	-	MACH
37,000 ft		22,500		2.75

BOOSTER
No. & Model (1)XLR71-NA-1
Mfr North American
Thrust (lb) 240,000
Duration (sec) 65

FEATURES

Modified Delta Plan Form
Wing
Side Air Inlets
Trailing Edge Rudders
Auto-navigator and Auto-pilot
Telemetry Equipment
Air Conditioning Guidance
Compartment
Warhead Provisions

Max Fuel Cap: 6670 gal

GUIDANCE

Initial: Auto-pilot
Mid-Course:
(primary) Auto. Celestial
Terminal: Inertial

*Revised to reflect
Total characteristics
data. 8 Dec 59*

Classification cancelled
or changed to *Unclassified*
AUTH: *AFSS* *AFLC* *Declass Guide* *1 Jan 64*
BY *A. R. Somelton* *29 Sept 64* *500* *Dir 5200.10*
Signature and Grade *20 Feb 67*

12 AUG 53

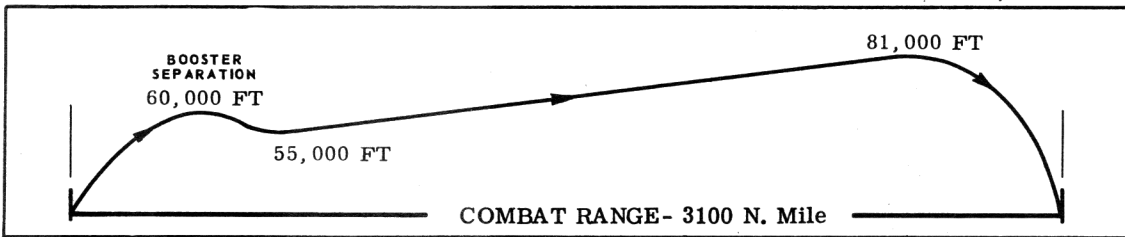
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XB-64

3rd Ed addn #4

537C-12003

Characteristics Summary Basic Mission XB-64



P E R F O R M A N C E		
ENDURANCE	RANGE	S P E E D
NOT AVAILABLE	3100 naut mi. with 1350 lb payload at 1581 knots avg. in 1.96 hours	MAX 1581 knots at 81,000 ft alt, boost power
LAUNCHING	CLIMB	ALTITUDE
Launched vertically from ground using booster which will separate at approximately 60,000 ft altitude. PREPARATION & LAUNCH TIME Approximately 2 hours	NOT AVAILABLE fpm sea level, launching wt., max power	Begin Cruise 55,000 ft.
	NOT AVAILABLE fpm ft alt, begin cruise wt., max power	End Cruise 81,000 ft.
L O A D	W E I G H T S	TARGET ACCURACY
Ballast: 1350 lb Fuel (XB-64) 6670 gal (Booster) 4330 gal protected 0 % droppable 0 % external 3 %	Empty (XB-64) 16,850 lb (Booster) 7050 lb End Cruise 23,000 lb Launch (XB-64) 65,000 lb (Booster) 71,700 lb	50% hits within 1500 ft of target

N O T E S
1. PERFORMANCE BASIS: (a) Estimated data (Not substantiated by WADC)
2. REVISION BASIS: Initial Issue