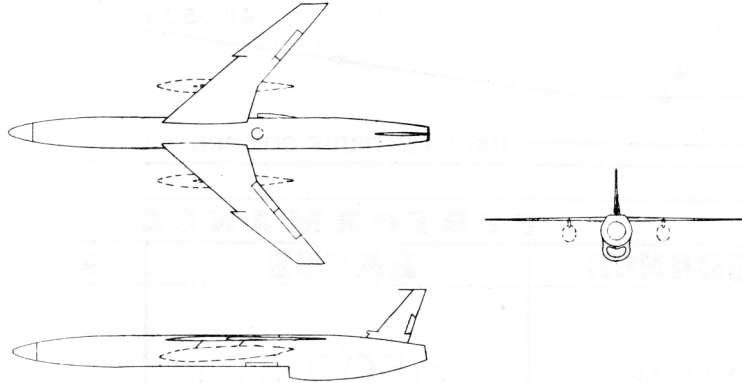


Characteristics Summary

BOMBER B-62



"SNARK"

NORTHROP

Wing Area 366 sq ft Length 67.2 ft
 Span 42.2 ft Height 14.7 ft

AVAILABILITY

PROCUREMENT

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

STATUS

- Design Initiated (ACN): Mar 46
- Design Initiated (XSSM-A-3): Jan 47
- Design Initiated (XSSM-A-3A): Jun 50
- First Flight (XSSM-A-3): Mar 51
- First Flight (XSSM-A-3A): Aug 53
- Completion of R&D: (est) Jun 56
- Availability of Standard Article: (est) Nov 56

Navy Equivalent: None

Mfr's Model: N-69E

POWER PLANT

J57-P-1
 Pratt & Whitney
 ENGINE RATINGS
 S.L.S. LB - RPM-MIN
 Max: 9500-*5950/9950-5
 Mil: 9500-*5950/9950-30
 Nor: 8250-*5700/9720-Cont

*Low spool/High spool

BOOSTER

No. & Model
 (2) X-226-A3 Solid Rockets
 Mfr . . Allegheny Ball. Lab
 Thrust (lb) 130,000
 Duration (sec) 4

FEATURES

Swept, High Aspect Ratio Wing
 Single Fin Vertical Tail
 External Fuel Tanks
 Split-rudder Speedbrake
 Elevons
 Day and Night ACN Guidance System
 Max Fuel Cap: 3758 gal

GUIDANCE

Initial Doppler Radar
 Mid-Course
 (primary) Auto. Celestial
 (auxiliary) Doppler Radar
 Terminal Inertial

CONTROL

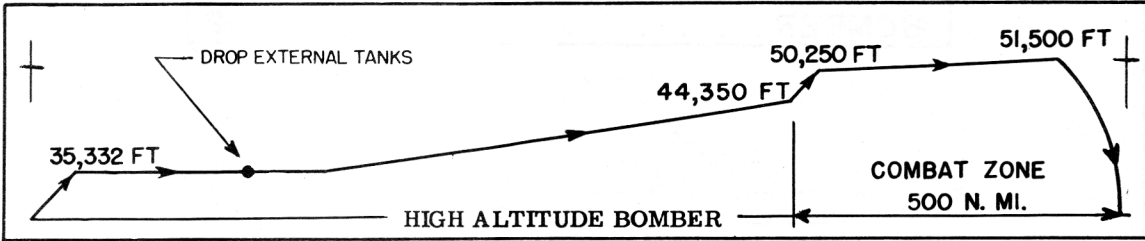
N-80 Auto-pilot

*Related: 4/1/54;
 Add No 5; 13 May 55;
 See SM-62*

Classification cancelled
 or changed to *Unclassified*
 AUTH: *AFSC AF 62*
 BY: *A.R. [Signature]*
 Signature and Grade: *21 Feb 1967*

C6/Snark B-62/char

Characteristics Summary Basic Mission B-62



P E R F O R M A N C E		
ENDURANCE	RANGE	S P E E D
NOT AVAILABLE	5500 naut mi. with 6050 lb payload at 518 knots avg. in 10.7 hours	MAX 524 knots at 51,500 ft alt, max power
LAUNCHING	CLIMB	ALTITUDE
Booster ground launched from S.L. to 300 ft. Speed at booster separation 297 knots. PREPARATION & LAUNCH TIME 3 1/2 hours from the "Alert" condition.	2940 fpm sea level, launching wt., max power NOT AVAILABLE fpm ft alt, begin cruise wt., max power	Begin Cruise 35,332 ft. End Cruise 51,500 ft.
L O A D	W E I G H T S	T A R G E T A C C U R A C Y
Warhead: 6050 lb Fuel: 3758 gal protected 0 % droppable 16 % external 16 %	Empty 17,054 lb End Cruise 23,279 lb Booster 10,436 lb Launch 58,583 lb	50% hits within 1500 ft of target (including mid-course errors).

N O T E S

1. Performance Basis:
 (a) Estimated data based on wind tunnel tests.

2. Revision Basis: To reflect new performance data.