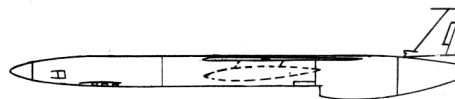
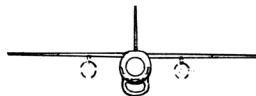
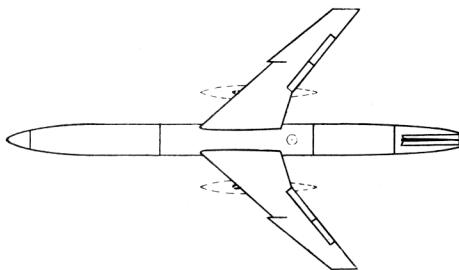


# Characteristics Summary

RECONNAISSANCE . . . . . RSM-62



"SNARK"

NORTHROP

Wing Area . . . . . 366.4 sq ft      Length . . . . . 73.8 ft  
Span . . . . . 42.3 ft      Height . . . . . 14.8 ft

**AVAILABILITY**

**PROCUREMENT**

Number available

Number to be delivered in fiscal years

ACTIVE	RESERVE	TOTAL

**S T A T U S**

1. The RSM-62 is similar to the SM-62 except that the warhead nose has been replaced by the special nose containing reconnaissance equipment.
2. Study Initiated: Feb 51
3. Design Initiated: Aug 52
4. Mock-up of reconnaissance nose and completion of equipment testing: Jun 55

Navy Equivalent: None

Mfr's Model: N-124

**POWER PLANT**

(1) J57-P-17  
Pratt & Whitney

SLS	LB	- RPM	- MIN
Max:	10,500	- *6150/9900	- 5
Mil:	10,500	- 6150/9900	- 30
Nor:	9000	- 5900/9650	-

Cont

\*Low spool/high spool

**BOOSTER**

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

**FEATURES**

Swept, High Aspect Ratio Wing  
Single Fin Vertical Tail  
Braking Parachute  
External Fuel Tanks  
Landing Skids

Max Fuel Cap: 3236 gal

**GUIDANCE**

Initial: Programmed Inertial

Mid-course: (primary) Automatic  
Celestial  
(auxiliary) Doppler  
Radar

Control System: Northrop N-80

This memo to have been deleted since it is not listed in index for #11ED; Add Nr 5; 13 May 55  
 in those that follow  
 SM-62  
 SM-62  
 5200.10  
 11 Jun 68  
 23 Oct 1967  
 AFSC AF 8C Sec. Class Guide  
 AUTH: A. R. Jonahon, Inspector  
 By: A. R. Jonahon, Inspector  
 Signature and Grade  
 DOD Dir  
 5200.10  
 11 Jun 68

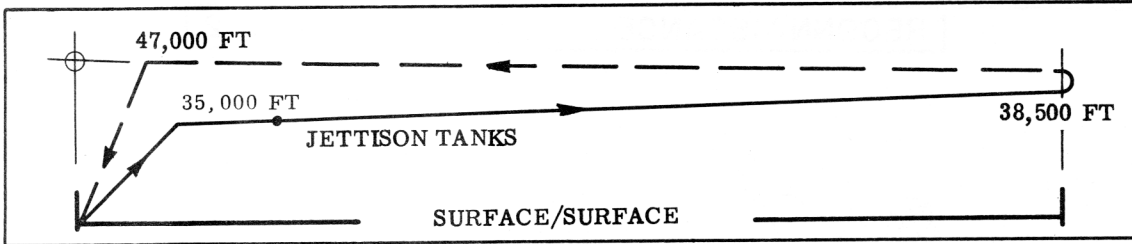
Classification cancelled or changed to ~~Confidential~~  
 Confidantia  
 27 APR 55

CG/SNARK RSM-62/char

*HK ed 2/26*

## Characteristics Summary Basic Mission

RSM - 62



### P E R F O R M A N C E

R A D I U S	R A N G E	S P E E D
2300 naut mi. with 1715 lb payload at 484 knots avg. in 4.75 hours	4600 naut mi. with 1715 lb payload at 484 knots avg. in 9.5 hours	CRUISE 0.9 Mach at 38,500 ft alt, cruise power
L A U N C H I N G	C L I M B	A L T I T U D E
Ground launched from a mobile short rail platform at an altitude of 15° to horizon. Launching speed is approximately 280 knots. Recovery is effected by landing skids and braking parachute.	NOT AVAILABLE fpm sea level, launching wt., max power  NOT AVAILABLE fpm ft alt, begin cruise wt., max power	Begin Cruise 35,000 ft.  End Cruise 47,000 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
Recon. Equip: 1715 lb  Fuel: 3236 gal protected 0% droppable 18% external 18%	Empty 21,914 lb  Launch 55,086 lb Landing 25,000 lb	5000 ft max lateral error along target run.

### N O T E S

1. Performance Basis:  
 (a) Estimated data (Not substantiated by WADC)
2. Revision Basis: To reflect revised characteristics and performance data and change in missile nomenclature.