Characteristics Summary

**BOMBER . . . . . . . . . . . B-62**

"SNARK"  
NORTHROP

<table>
<thead>
<tr>
<th>Wing Area</th>
<th>366 sq ft</th>
<th>Length</th>
<th>67.2 ft</th>
</tr>
</thead>
<tbody>
<tr>
<td>Span</td>
<td>42.2 ft</td>
<td>Height</td>
<td>14.7 ft</td>
</tr>
</tbody>
</table>

### AVAILABILITY

<table>
<thead>
<tr>
<th>Number available</th>
<th>PROCUREMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACTIVE</td>
<td>RESERVE</td>
</tr>
</tbody>
</table>

### STATUS

1. Design Initiated (ACN): Mar 46
6. Completion of R&D: (est) Jun 56
7. 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 - 5950/9500 - 5
  - Mil: 9500 - 5950/9500 - 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
### Characteristics Summary Basic Mission

#### Performance

<table>
<thead>
<tr>
<th>Endurance</th>
<th>Range</th>
<th>Speed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Available</td>
<td>5500 naut mi.</td>
<td>MAX 524 knots at 51,500 ft alt, max power</td>
</tr>
</tbody>
</table>

- **Range:**
  - With 6050 lb payload at 518 knots avg.
  - In 10.7 hours

#### Launching

- 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.

#### Climb

- 2940 fpm sea level, launching wt., max power.
- Not Available fpm ft alt, begin cruise wt., max power.

#### Altitude

- Begin Cruise: 35,332 ft.
- End Cruise: 51,500 ft.

#### Load

- **Warhead:** 6050 lb
- Fuel:
  - Protected: 3758 gal
  - Dropable: 0 %
  - External: 16 %

#### Weights

- Empty: 17,054 lb
- End Cruise: 23,279 lb
- Booster: 10,436 lb
- Launch: 58,583 lb

#### Target Accuracy

50% hits within 1500 ft of target (including mid-course errors).

### Notes

1. Performance Basis:
   - (a) Estimated data based on wind tunnel tests.
2. Revision Basis: To reflect new performance data.