Characteristics Summary

BOMBER ............... XB-64A

"NAVAHO"
NORTH AMERICAN

Wing Area ..................... 575 sq ft
Length .......................... 84.5 ft
Span ............................ 37.9 ft
Height .......................... 12.4 ft

AVAILABILITY

<table>
<thead>
<tr>
<th></th>
<th>ACTIVE</th>
<th>RESERVE</th>
<th>TOTAL</th>
</tr>
</thead>
</table>

PROCUREMENT

<table>
<thead>
<tr>
<th></th>
<th>Number to be delivered in fiscal years</th>
</tr>
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STATUS

1. Project Initiated: Feb 46
2. Contract Date: Feb 46
3. First Flight (prod. article): Mar 58

Navy Equivalent: None

Mfr's Model: ______

POWER PLANT

(2) XRF47-W-7
Wright Aero. Corp.

ENGINE RATINGS

ALT - LB - MACH
57,000 N.A. 3.25
to 88,000 ft

BOOSTER

No. & Model (3)Liquid Rockets
Mfr. ............ North American
Thrust (lb-ca) ......... 130,000
Duration (sec) ......... 70

FEATURES

Mid Wing trapezoidal planform with side air-inlets
Auto-navigator and Auto-Pilot
Telemetering Equipment
Air Conditioned Guidance Compartment
Warhead Provisions

Max Fuel Cap: 10,420 gal

GUIDANCE

SYSTEM
Inertial

TERMINAL ACCURACY
50% Hits within 1500 ft of Target

CONTROL
System ...... Auto-navigator and 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 1869 knots at 88,000 ft alt, cruise power</td>
</tr>
<tr>
<td></td>
<td>with 7000 lb payload</td>
<td>at 1869 knots avg.</td>
</tr>
<tr>
<td></td>
<td>in 2.95 hours</td>
<td>at 88,000 ft alt, cruise power</td>
</tr>
</tbody>
</table>

**Launching**

Launched vertically from ground using booster which will separate at approximately 65,000 ft altitude

**Climb**

NOT AVAILABLE

**Altitude**

Begin Cruise 57,000 ft.

End Cruise 88,000 ft.

**Load Weights**

<table>
<thead>
<tr>
<th>Payload: 7000lb</th>
<th>Empty (XB-64A) 16,823 lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuel: (XB-64A) 10,420 gal</td>
<td>(Booster) 10,423 lb</td>
</tr>
<tr>
<td>(Booster) 6993 gal</td>
<td>End Cruise 24,423 lb</td>
</tr>
<tr>
<td></td>
<td>Launch (XB-64A) 98,833 lb</td>
</tr>
<tr>
<td>protected 0%</td>
<td>(Booster) 136,000 lb</td>
</tr>
<tr>
<td>droppable 0%</td>
<td></td>
</tr>
<tr>
<td>external 0%</td>
<td></td>
</tr>
<tr>
<td>Oxidizer (Booster) 6884 gal</td>
<td></td>
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</tbody>
</table>

**Target Accuracy**

50% hits within 1500 ft of target.

**Notes**

1. PERFORMANCE BASIS:
   (a) Estimated data (Not substantiated by WADC)

2. REVISION BASIS: To reflect latest characteristics data.