CHARACTERISTICS SUMMARY

AIRBORNE CIC AIRPLANE PB-1W

BOEING "FLYING FORTRESS"

WING AREA 1,420 sq. ft.
WING SPAN 103' - 9"
LENGTH 74' - 9"
HEIGHT 19' - 1"

<table>
<thead>
<tr>
<th>AVAILABILITY</th>
<th>PROCUREMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUMBER AVAILABLE</td>
<td>NUMBER DELIVERED IN FISCAL YEARS</td>
</tr>
<tr>
<td>ACTIVE</td>
<td>RESERVE</td>
</tr>
</tbody>
</table>

STATUS

Modification of B-17 airplane.
AEW-Reconnaissance-CIC Versions.
First delivery date - December 1945.
Airplane procured through USAF.

ENGINES

4 W.A.C. R-1820-97
T.O. 1200/2500/S.L.
MIL. 1200/2500/32500'
NORM. 1000/2300/35000'

FEATURES

Crew - 13
VHF Relay
High Powered Interrogator

ARMAMENT

2 - .50 Cal.
Chin Turret
2 - .50 Cal.
Upper Turret
2 - .50 Cal.
Side Waist
2 - .50 Cal.
Tail Flexible Mount
(Provisions for above)
## CHARACTERISTICS SUMMARY

### BASIC MISSION

<table>
<thead>
<tr>
<th>PB-1W</th>
<th>10,000 FT.</th>
<th>10,000 FT.</th>
</tr>
</thead>
</table>

### PERFORMANCE

<table>
<thead>
<tr>
<th>COMBAT RADIUS</th>
<th>COMBAT RANGE</th>
<th>COMBAT SPEED</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,030 naut. mi.</td>
<td>2,580 naut. mi.</td>
<td>222 knots at 10,000 ft., Max. Power</td>
</tr>
<tr>
<td>147 knots avg.</td>
<td>147 knots avg.</td>
<td>Maximum Speed: 257 knots at 32,700 ft., Max. Power</td>
</tr>
<tr>
<td>10,000 ft. alt.</td>
<td>17.6 hours</td>
<td>10,000 ft. alt.</td>
</tr>
</tbody>
</table>

### CLIMB

| Sea Level, T. O. wt. Normal Power | 760 ft./min. | 30,200 ft. |
| Sea Level, Combat Wt. Maximum Power | 1,590 ft./min. | 32,000 ft. | Take Off: 4,080 ft., Calm Over 50', No assist. |

### WEIG HTS

| Empty | 38,911 lbs. |
| Fixed, 2,780 drop 620 | Combat | 55,476 lbs. |
| Bombs None | Take-off | 63,636 lbs. |

### STALLING SPEED

- 86.3 knots: Flaps down, T. O. wt.

### TIME TO CLimb

- ft. in min.

### NOTES

Performance is based on flight test of B-17G airplane. Range and radius are based on flight test fuel consumption data increased by 5%. Radius equals 40% combat range at 10,000 pounds. With all armament in airplane, gross weight is 64,940 pounds, with 2,780 gallons fuel. Range is 1,970 n.m.i. at 10,000 feet, and combat speed is 219 knots at 10,000 feet.