**Characteristics Summary**

**BOMBER - B-26B**

**"INVADER" - DOUGLAS**

- Wing area: 541 sq ft
- Length: 50.8 ft
- Span: 70.0 ft
- Height: 18.5 ft

**AVAILABILITY**

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

**POWER PLANT**

- (2) R-2800-79
- Pratt & Whitney
- ENGINE RATINGS:
  - BHP-RPM-ALT-MIN:
    - T.O.: 2000-2700
    - S.L.: 5
- W.E.:
  - (lo) 2350-2700
  - (hi) 2000-2700
- Mil: 2000-2700
- 1600-2400
- Nor: 1450-2400

*War Emergency power with water injection.

**FEATURES**

- Crew: 3
- Cabin Heating and Cooling
- Periscopic Sight for Turret
- Propeller Anti-Icing
- All-Purpose Nose
- Loran
- Max Fuel Cap: 2035 gal

**ARMAMENT**

- Turrets: *1
- Guns: 16x.50 cal
- Ammunition (tot): 5600 rds
- Max Bomb Load:
  - 4 x 1000 lb (int.)
  - 4 x 500 lb (ext.)
- Max Bomb Size: 1000 lb
- Rockets: 14x5” HVAR

**STATUS**

1. Design initiated: Jan 41
2. First flight: Jul 42 (XA-26)
3. First production: Sep 42
4. First service use: 1943
5. Production completed: Aug 45

Navy Equivalent: JD-1

Mfr’s Model:

**NOTE:**

- See Note 2
**Characteristics Summary Basic Mission**  
\[ \text{B-26B} \]

**Performance**

<table>
<thead>
<tr>
<th><strong>Combat Radius</strong></th>
<th><strong>Ferry Range</strong></th>
<th><strong>Speed</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>839 naut. mi</td>
<td>2914 naut. mi</td>
<td>COMBAT: 313 knots at S.L. ft alt, max power</td>
</tr>
<tr>
<td>with 4000 lb payload</td>
<td>with 2035 gal fuel</td>
<td>MAX: 322 knots at 10,000 ft alt, max power</td>
</tr>
<tr>
<td>at 200 knots avg.</td>
<td>at 203 knots avg.</td>
<td>BASIC: 308 knots at 5000 ft alt, max power</td>
</tr>
<tr>
<td>in 8.8 hours.</td>
<td>in 14.4 hours</td>
<td></td>
</tr>
</tbody>
</table>

**Climb Ceiling**

<table>
<thead>
<tr>
<th><strong>Load</strong></th>
<th><strong>Weights</strong></th>
<th><strong>Stalling Speed</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>1060 fpm sea level, take-off weight normal power</td>
<td>19,200 ft 100 fpm, take-off weight normal power</td>
<td>ground run 3900 ft no assist 4820 ft no assist</td>
</tr>
<tr>
<td>2515 fpm sea level, combat weight maximum power</td>
<td>21,800 ft 500 fpm, combat weight maximum power</td>
<td>over 50 ft height</td>
</tr>
</tbody>
</table>

**Load**
- Bombs: 4000 lb
- Fuel: 1360 gal
  - protected 77%
  - droppable 23%
  - external 23%
- Empty: 22,362 lb
- Combat: 31,775 lb
- Take-off: 40,015 lb
- Time to Climb
- 98 knots power-off, landing configuration, take-off weight

**Notes**

1. Performance Basis:
   - (a) Flight Test
   - (b) Performance shown above for max power is based on war emergency power (wet) of 2370 BHP @ 2700 RPM @ S.L.
2. The B-26B covered by this analysis is the "Left Project" in which the lower turret is deleted and a 125 gal fuel tank installed. An eight gun nose is substituted for a six gun nose.
3. Revision Basis: To conform to MIL-C-5011A