CHARACTERISTICS SUMMARY

HIGH ALTITUDE ATTACK

DOUGLAS "SKYWARRIOR"

![Aircraft Illustration]

WEIGHT
- Wing Area: 779 Sq. ft.
- Wing Span: 72.5 ft.
- Length: 74.4 ft.
- Height: 22.8 ft.

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

First Flight: September 1953
Service Use: April 1956

ENGINES

(2) Pratt & Whitney J75-P-8
- Sea Level Ratings
  - Thrust: 10,000 Lb.
  - R.P.M.: 61,300 N°1, 9500 N°2
- Mil: 9,500 Lb.
- Norm: 6,250 Lb.
- Spec. No. N-1671-E

FEATURES

- Crew: 3
- Anti-Skid Braking
- JATO-12-4500 lb. Thrust Bottles
- Inflight Refueling
- Landing Deceleration Chute

ARMAMENT

BASIC MISSION
- High Alt. Attack
- 2-3000 lb. Stores

GUNS
- 2-20mm M3L/500 rd. per gun

FIRE CONTROL SYSTEM
- AN/21B Tail Turret
- Max. Bomb Cup: 12,800 lb

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### CHARACTERISTICS SUMMARY

#### BASIC MISSION

- 56,000 ft.
- 39,800 ft.
- 59,500 ft.
- S.L.
- Combat Radius

#### PERFORMANCE

<table>
<thead>
<tr>
<th>COMBAT RADIUS</th>
<th>COMBAT RANGE</th>
<th>SPEED</th>
</tr>
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<tbody>
<tr>
<td>1080 naut. mi.</td>
<td>2070 naut. mi.</td>
<td>538 knots at S.L. ft.</td>
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<tr>
<td>457 knots avg.</td>
<td>457 knots avg.</td>
<td>545 knots at 1700 ft.</td>
</tr>
<tr>
<td></td>
<td>4.88 hours</td>
<td>5.0 knots at 35,000 ft.</td>
</tr>
</tbody>
</table>

**Combat Weight**

- Maximum Power

#### CLIMB

- 4190 ft./min.
- Sea Level, T. O. wt. Maximum Power
- 770 ft./min.
- 39,800 ft. Combat wt. Maximum Power

#### CEILING

- 39,200 ft.
- 100 ft./min., T. O. wt. Maximum Power
- 40,900 ft.
- 500 ft./min. Combat Wt. Maximum Power

#### TAKE OFF

- 4740 - S.L. Calm
- 2320 - S.L. 25 Kn-Wind
- 6550 - S.L. - Calm - 50 ft. Obstacle

#### LOAD

- Fuel 3700 gal.
- fixed 3700 drop

#### WEIGHTS

- Empty 36,120 lbs.
- Combat 59,942 lbs.
- Take-off 70,000 lbs.

#### STALLING SPEED

- 129.5 knots Power off Flaps down, T. O. wt.

#### TIME TO CLimb

- 20,000 ft. in 6.0 min.
- Take-Off Wt., Max. Power

### NOTES

- **PERFORMANCE BASIS:** Flight Tests
- **Fuel:** JP-5 Weighing 6.8 lb./gal.
- **Range & Radius** are based on engine specification
- **Performance Data for High Alt. Attack Mission**

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