Characteristics Summary

ATTACK ...................... A-7K

CORSAIR

VOUGHT (LTV AEROSPACE CORPORATION)

Wing Area .................. 375 sq ft
Length ....................... 48.69 ft
Span (extended) ............. 38.73 ft
Height ....................... 16.3 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 |

1. Based on Navy's TA-7C
2. First Flight: Oct 80
3. First production delivery: Apr 81
4. Acceptance date by Air National Guard: Apr 81

Mfr's Model: None

POWER PLANT

(1) TF41-A-1, -1A
Allison

ENGINE RATINGS
S.L.S. LB - RPM - MIN
Intermed: 14,500 - 8940/- 30
12,840
Max Cont: 13,200 - 8600/- Cont
12,550

*Low Pressure
Rotor/High Pressure
Rotor

FEATURES

Crew ....................... 2
Navigation weapon/delivery system consisting of digital computer and forward looking radar.
Doppler radar
Air data computer
Inertial measurement set
Armament station control unit
Head up display, AN/AVQ-29
Automatic maneuvering flap
Max Fuel Capacity: 2632 gal
Internal: 1425 gal
External: 1207 gal

ARMAMENT

Guns: M61A1
Missiles: AGM-65A, AIM-9B/E/J
Bombs: MK-20/36/82/83/84
BLU-27/52
M117A1 GP/MC-1
Rocket Launcher: LAU Series
Dispensers: CBU-24/30/38/49/52/71
Stations: Two fuselage and six wing pylon store stations

Mar 85
(AF 1, Addn 106) (11 of 46)
### Characteristics Summary Basic Mission

<table>
<thead>
<tr>
<th>COMBAT RANGE</th>
<th>FERRY RANGE</th>
<th>SPEED</th>
</tr>
</thead>
<tbody>
<tr>
<td>282 naut. mi with 6580 lb payload</td>
<td>2397 naut. mi with 2632 gal fuel</td>
<td>COMBAT 565 knots at S.L. ft alt, intermed. power</td>
</tr>
<tr>
<td>at 431 knots avg.</td>
<td>at 457 knots avg.</td>
<td>MAX 569 knots at 10,000 ft alt, intermed. power</td>
</tr>
<tr>
<td>in 1,645 hours.</td>
<td>in 5.27 hours</td>
<td>BASIC 511 knots at 35,000 ft alt, intermed. power</td>
</tr>
</tbody>
</table>

### PERFORMANCE

**CLimb**
- 592.2 fpm sea level, take-off weight intermed. power
- 9485 fpm sea level, combat weight intermed. power

**Cfiling**
- 29,805 ft 100 fpm, take-off weight intermed. power
- 37,647 ft 500 fpm, combat weight intermed. power

**WEIGHTS**

<table>
<thead>
<tr>
<th>Load</th>
<th>Weights</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammo</td>
<td>Empty... 21,300 lb</td>
</tr>
<tr>
<td>Bombs</td>
<td>Combat... 29,112 lb</td>
</tr>
<tr>
<td>Fuel: 1425 gal protected 13.8%</td>
<td>Take-off 39,377 lb</td>
</tr>
</tbody>
</table>

**LOAD**

**WEIGHTS**

**STALLING SPEED**

**TIME TO CLimb**

5.59 Min S.L. to 20,000 ft T.O. weight intermed. power

### NOTES

1. Performance Basis:
   - (a) Contractor's estimated data
2. Revision Basis: Initial Issue