CHARACTERISTIC SUMMARY

ATTACK

A-5B

(A3J-2)

WING AREA: 753.7 SQ FT
WING SPAN: 53.02 FT
LENGTH: 76.347 FT
HEIGHT: 19.366 FT

AVAILABILITY

<table>
<thead>
<tr>
<th>NUMBER AVAILABLE</th>
<th>PROCUREMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACT</td>
<td>RES</td>
</tr>
<tr>
<td>1962</td>
<td>1963</td>
</tr>
</tbody>
</table>

STATUS

FIRST FLIGHT PRODUCTION 42F
FIRST FLIGHT PRODUCTION AIRPLANE
FIRST FLEET DELIVERY DATE
APRIL 1962
AUGUST 1962
OCTOBER 1962

ENGINE

(2) J79-GE-18 (E763A)
GENERAL ELECTRIC

MRT RATING (TAKE-OFF) MAX NORMAL
STATIC 10,800 17,000 16,300
RPM 7655 7655 7385
ALT SL SL SL

FEATURES

Crew: 2
AN/ASB-12 (KN-2) Inertial Bomb Nav
Spoiler Slot Deflector
Leading Edge RLC
Single Slotted Trailing Edge Flap
Variable Geometry Inlets
All Moveable Slats Type Horizontal and Vertical Stabilizer
Linear Bomb Bay
Sea Level Crew Escape System
Four External Store Stations
Internal Fuel Capacity: 3305 Gal
External Fuel Capacity: 1600 Gal

ARMAMENT (3)

Max Bomb Size: 3000 Lb
Max Bomb Load: 20,100 Lb

Internal Stores
MK 27
MK 28
MK 43

External Stores
MK 28 Aero 7D
MK 43 LAU 10/A
MK 79 MOD 1 ASM-N-7A
MK 81 ASM-N-7B
MK 82 ARM
MK 83 Aero 6A-1
MK 84 Aero 8A Practice Bomb Container
* 1 - MK 27 Internal Plus 32 - MK 82 External

15 November 1962
**CHARACTERISTIC SUMMARY**

**BASIC MISSION**

- **COMBAT RADIUS**
  - Radius: 740 N. Mi.
  - Mission Time: 3.16 Hrs.
- **CLIMB**
  - 7130 fpm
  - Sea Level, Take-off Gross Wt., Military Thrust
- **LOAD**
  - INTERNAL
  - 3305 Gal.
- **ARMSMENT**
  - 1 MK 28 Store-Internal

**PERFORMANCE**

- **COMBAT**
  - Radius: 1530 N. Mi.
  - Wt. Outbound All
  - From A3J-2 Buddy Tanker at 700 N. Mi.
  - Mission Time: 6.81 Hrs.
- **CEILING**
  - 40,000 ft.
  - Service Ceiling (100 fpm)
  - Take-off Gross Weight
  - Military Thrust
  - 50,300 ft.
  - Combat Ceiling (500 fpm Subsonic)
  - Combat Weight
  - Maximum A/B Thrust

**WEIGHTS**

- Take-off: 62,687 Lbs.
- Combat: 53,517 Lbs.
- Landing: 40,261 Lbs.

**SPEED**

- 1050 Knots
- Combat Wt.
- Maximum A/B
- Combat Altitude

**TAKEOFF**

- Maximum A/B Thrust
- CALM
- 2900 ft., Ground Roll
- 3700 ft., Over 50-Foot Obstacle
- 25 KNOT WIND
- 2000 ft., Ground Roll
- 2700 ft., Over 50-Foot Obstacle

**STALLING SPEED**

- 131 Knots - Take-off Gross Wt.
- "NO" Configuration
- Power-off
- 105 Knots - Landing Gross Wt.
- "L" Configuration
- Power-off

**TIME TO CLIMB**

- 35,000 ft. In 2.3 Min.
- Take-off Gross Wt.
- Maximum A/B Thrust

**NOTES**

1. PERFORMANCE BASIS: NATC AND CONTRACTORS FLIGHT TEST DATA ON A3J-1 AIRPLANE
2. RANGE AND RADIUS: BASED ON A3J-1 FUEL CONSUMPTION TESTS THEREFORE 5% INCREASE IS OMITTED.
3. TANKS AND PYLONS ARE DROPPED IN PAIRS WHEN EMPTY.

15 November 1962