A-6E INTRUDER

OPERATIONAL/TECHNICAL

(U) CHARACTERISTICS

<table>
<thead>
<tr>
<th></th>
<th>S/L Store Del 4-300 Gal Tanks +1 MK 43</th>
<th>Close Support 4 MK 56 Mines +1-300 Gal Tank</th>
<th>Close Support 30 Mk B1 SNAKEYES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Takeoff Weight</td>
<td>53,963 lb</td>
<td>54,759 lb</td>
<td>52,520 lb</td>
</tr>
<tr>
<td>Length/Span</td>
<td>54'7&quot;/53'0&quot;</td>
<td>54'7&quot;/53'0&quot;</td>
<td>54'7&quot;/53'0&quot;</td>
</tr>
<tr>
<td>Height/Height Folded</td>
<td>16'3&quot;/21'11&quot;</td>
<td>16'3&quot;/21'11&quot;</td>
<td>16'3&quot;/21'11&quot;</td>
</tr>
<tr>
<td>Crew</td>
<td>2</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Combat Speed/Alt</td>
<td>563 kts/SL</td>
<td>429 Kts/15,000</td>
<td>502 Kts/5000'</td>
</tr>
<tr>
<td>Combat Ceiling</td>
<td>41,000'</td>
<td>26,600'</td>
<td>37,500'</td>
</tr>
<tr>
<td>Rad/Mission Time</td>
<td>864 nm/4.82 hrs</td>
<td>461 nm/31 hrs</td>
<td>383 nm/2.09 hrs</td>
</tr>
<tr>
<td>Spd Max @ SL Stores Retained</td>
<td>563 kts</td>
<td>407 kts</td>
<td>504 kts</td>
</tr>
</tbody>
</table>

(U) SPECIAL FEATURES

Only all weather attack aircraft in the free world.

(C) MILESTONES

A-6E

Contract Executed (Prototype)                        Aug 69
First Flight (Prototype A/C)                        Mar 70
NPE (begin/end)                                      Apr/May 71
First Production Contract Executed                   Dec 70
First Flight (Production A/C)                       Jul 71
Acceptance First Production A/C                      Sep 71
BIS (begin/end)                                     Sep/Jan 72
Fleet Introduction - LANT, CRAW                      Dec 71
Navy Support Date                                   Sep 71
First Deployment                                     Sep 72

A-6E TRAM

Development Contract                                 Jun 72
Design Completion                                     May 73
Pilot Production Deliveries (Begin/End)              Apr 75/Jun 75
Contractor Test and Evaluation Completion            Apr 75
IOT&E Completion                                     Apr 76
Production Go-Ahead (Limited)                        Jun 76
Production Go-Ahead (Full)                           Jul 76
First Aircraft Delivery - Full TRAM                  Nov 79
IOC                                                 Sep 79

1/Three FY 1974 Production Aircraft

Classified by: OPNAVINST S513.2-02
Declasify on: 31 Dec 1995
(C) OPERATIONAL/TECHNICAL
CHARACTERISTICS

(U) 1. Operational
   a. Speed (Kts)
      (1) Max at Sea Level 516 516
      (2) Stall Speed (Power Approach) 104
   b. Specific Range at Optimum Altitude (NM/lb) .0836 .0906
   c. Takeoff Distance (over 50' obstacle) (ft) 5530 4360
   d. Radius/Range (Combat) (NM) NAV 304/1942
   e. Combat Ceiling Altitude (ft) NAV 34,400
   f. Mission Reliability NAV
   g. Maintainability
      (1) Progressive Aircraft Rework (PAR) NAV 24
          cycle (months)
      (2) Maintenance Man Hours per Flight Hour NAV 36
   h. Weight (Takeoff) (lb) NAV 56,800
   i. Dimensions (Length/Span) (ft) NAV 59/53

(C) 2. Technical (Electronic Warfare System)
   a. Effective Radiated Power (ERP) (W/MHZ)
      Band 1 150 745
      Band 2 150 907
      Band 4 1300
      Band 5 1300
      Band 6 1300
      Band 7 4500
      Band 8 4600
      Band 9 4600
   b. DF Accuracy (Deg. Error)
      Band 5 14.5 10.0
      Band 6 14.5 10.0
      Band 7 10.0 6.0
      Band 8 11.5 10.0
      Band 9 10.5 10.0
   c. Probability of Mission Success (%) 85 90.2

CLASSIFIED BY: OPNAVINST 5513.2-20
DECLASSIFY ON: 31 Dec 1989