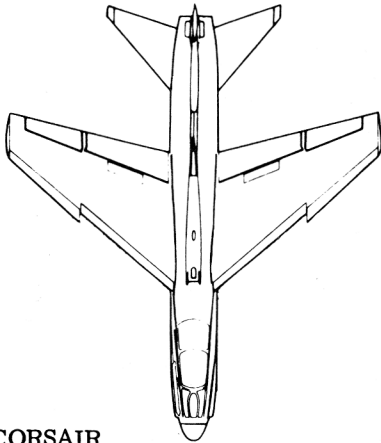


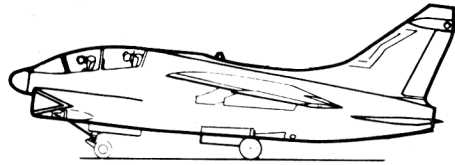
*A1
A-7K/char*

Characteristics Summary

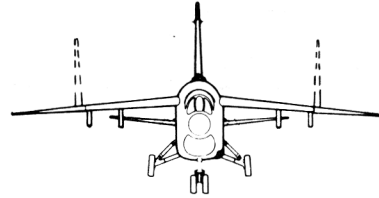
ATTACK A-7K



CORSAIR



VOUGHT (LTV AEROSPACE CORPORATION)



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

AVAILABILITY			PROCUREMENT			
Number available			Number to be delivered in fiscal years			
ACTIVE	RESERVE	TOTAL				

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

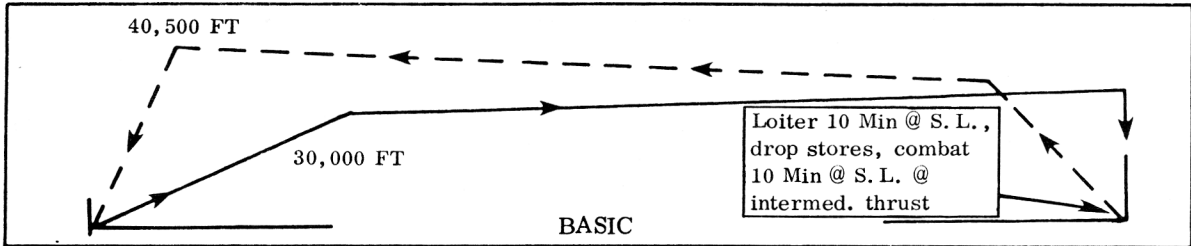
FEATURES

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

Characteristics Summary Basic Mission A-7K



P E R F O R M A N C E		
C O M B A T R A D I U S	F E R R Y R A N G E	S P E E D
282 naut. mi with 6560 lb payload at 431 knots avg. in 1.645 hours.	2397 naut. mi with 2632 gal fuel at 457 knots avg. in 5.27 hours at 41,364 lb T.O. wt.	COMBAT 565 knots at S. L. ft alt, intermed. power MAX 569 knots at 10,000 ft alt, intermed. power BASIC 511 knots at 35,000 ft alt, intermed. power
C L I M B	C F I L I N G	T A K E - O F F
5922 fpm sea level, take-off weight intermed. power	29,805 ft 100 fpm, take-off weight intermed. power	ground run calm, SL; std/tropical day: 5000/6500ft no assist
9485 fpm sea level, combat weight intermed. power	37,647 ft 500 fpm, combat weight intermed. power	over 50 ft height calm, SL; std/tropical day: 6800/9500ft no assist
L O A D	W E I G H T S	S T A L L I N G S P E E D
Ammo . . . 500 rds 20 mm Bombs 8 M117s Fuel: 1425 gal protected 13.8 %	Empty..... 21,300 lb Combat... 29,112 lb Take - off 39,377 lb limited by structure	T I M E T O C L I M B 5.59 Min S. L. to 20,000 ft T. O. weight intermed. power

N O T E S

1. Performance Basis:
(a) Contractor's estimated data

2. Revision Basis: Initial Issue