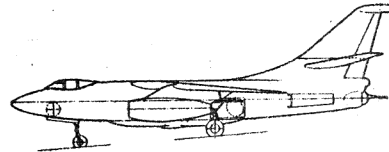
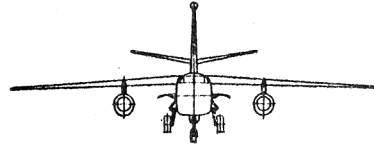
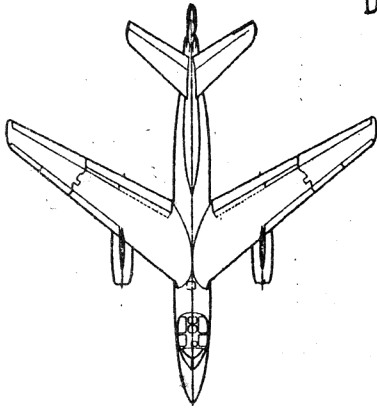


# CHARACTERISTICS SUMMARY

HIGH ALTITUDE ATTACK

A3D-1, 102

DOUGLAS "SKYWARRIOR"



WING AREA 779 Sq. ft.  
WING SPAN 72.5 ft.

LENGTH 74.4 ft.  
HEIGHT 22.8 ft.

AVAILABILITY			PROCUREMENT			
NUMBER AVAILABLE			NUMBER DELIVERED IN FISCAL YEARS			
ACTIVE	RESERVE	TOTAL				

STATUS	
First Flight.....	September 1953
Service Use .....	April 1956

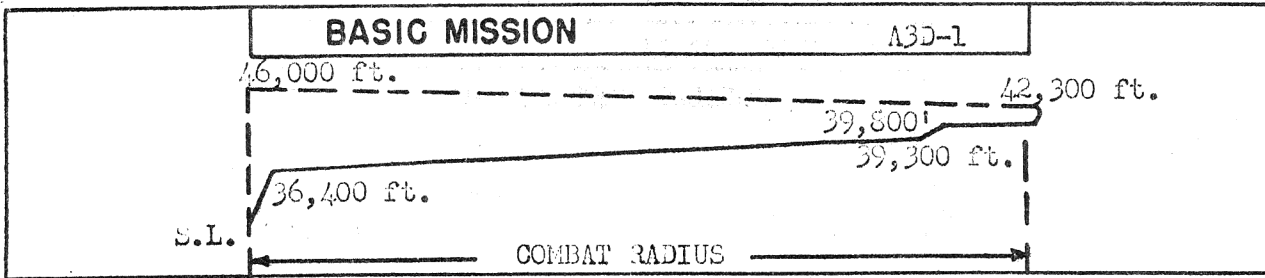
ENGINES			
(2) Pratt & Whitney J75-P-6			
Sea Level Ratings			
<u>Thrust</u>	<u>R.P.M.</u>		
LB.	N#1	N#2	
Max. 10,000	6130	9900	
Mil. 9,500	6030	9800	
Norm. 8,250	5770	9550	
*Eng. Spec. No. N-1671-E			

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

ARMAMENT
<u>BASIC MISSION</u>
High Alt. Attack
2-3100 lb. Stores
<u>GUNS</u>
2-20mm M3L/500 rd.per. gun
<u>FIRE CONTROL SYSTEM</u>
AERO 21B Tail Turret
Max. Bomb Cup 12,800 lb

NAVAER-1519E (Rev. 6-56)

**CHARACTERISTICS SUMMARY**



PERFORMANCE		
COMBAT RADIUS	COMBAT RANGE	SPEED
1080 naut. mi.	2070 naut. mi.	538 knots at S.L. ft.
457 knots avg.	457 knots avg.	545 knots at 1700 ft.
	4.88 hours	5.0 knots at 35,000 ft.
		Combat Weight Maximum Power
CLIMB	CEILING	TAKE OFF
4190 ft./min.	39,200 ft.	4740 - S.L. Calm
Sea Level, T. O. wt. Maximum Power	100 ft./min., T. O. wt. Maximum Power	3320 - S.L. 25 Kn-Wind
770 ft./min.	40,900 ft.	6550 -S.L. - Calm - 50 ft.
39,800 ft. Combat wt. Maximum Power	500 ft./min. Combat Wt. Maximum Power	Obstacle
LOAD	WEIGHTS	STALLING SPEED
Fuel 3700 gal.	Empty 36,120 lbs.	129.5 knots
fixed 3700 drop	Combat 59,942 lbs.	Power off Flaps down, T. O. wt.
	Take-off 70,000 lbs.	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

NAVAER-1519B (Rev. 10-51)