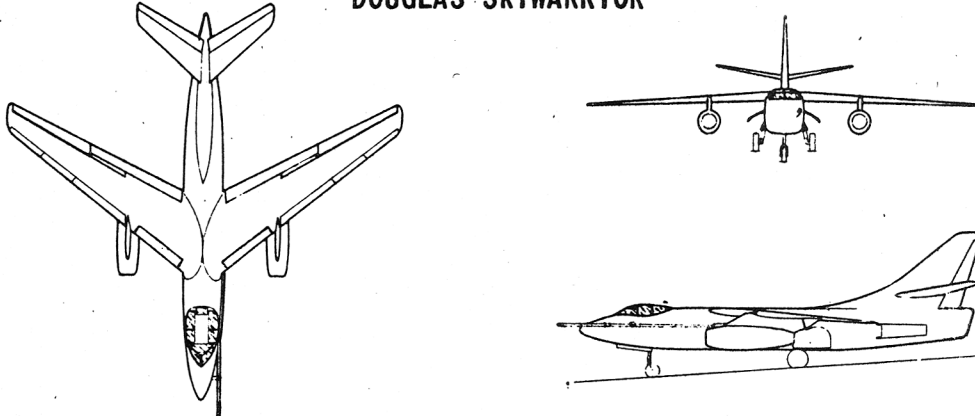


CHARACTERISTICS SUMMARY

ATTACK AIRPLANE A3D-2 CAMBERED WING

DOUGLAS SKYWARRIOR



WING AREA 812 Sq. Ft.

WING SPAN 72.5 Ft.

LENGTH 74.7 Ft.

HEIGHT 22.8 Ft.

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

STATUS

Contract NOa (s) 55-190c:

Contract NOa(s) 59-0150:

First Flight: 18 Jan 1958

First Flight: March 1960

First Fleet Delivery: March 1959

First Acceptance: April 1960

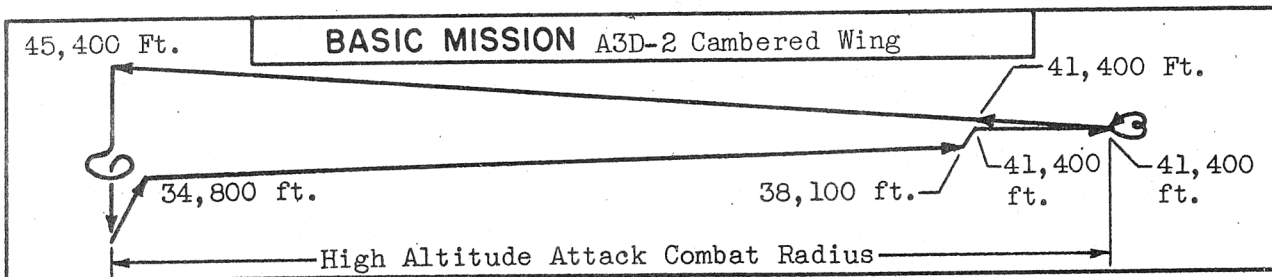
Last Twenty Deliveries: Complete

ENGINES	
(2) Pratt & Whitney J57-P-10	Thrust lbs.
Maximum	10,500
Military	10,500
Normal	9,000
JATO-(12) 5KS4500 Units	

FEATURES
Crew: Three
Internal Bomb Bay
Swept Wing
Carrier-based with Catapult and Arrested Landing Provisions
Folding Wings and Tail
Adjustable Horizontal Stabilizer

ARMAMENT
Max. Bomb Capacity: 8-1600 lb. Bombs or 4-2000 lb. Mines or Special Stores Radar Bombing

CHARACTERISTICS SUMMARY



PERFORMANCE		
COMBAT RADIUS	COMBAT RANGE	SPEED
1230 nautical miles at 436 knots average speed in 5.7 hours	2372 nautical miles at 436 knots average speed in 5.5 hours	507 knots at 35,000 ft. 483 knots at 40,000 ft. Combat Weight Maximum Thrust
CLIMB	CEILING	TAKE OFF
5050 fpm at sea level Take-off weight Maximum Thrust	SERVICE: 39,250 ft. 100 fpm rate of climb Take-off Weight Maximum Thrust	4350 ft., ground roll full flaps, no wind no JATO
6100 fpm at sea level Combat Weight Maximum Thrust	COMBAT: 41,100 ft. 500 fpm rate of climb Combat Weight Maximum Thrust	6050 ft. to clear 50 ft. obstacle. Full flaps, no wind, no JATO
LOAD	WEIGHTS	STALLING SPEED
Fuel 4338 gal. (JP-5) 1-6650 lb. Store	Empty 39,683 lbs. Landing 44,289 lbs. Combat 65,648 lbs. Take-off 77,447 lbs.	128 knots Take-off Weight Power off
		TIME TO CLIMB
		30,000 ft. in 9.0 min. Take-off Weight Maximum Thrust

NOTES

Performance is derived from NATC and Contractor's flight test of Prototype Cambered Wing Model A3D-2.

Combat Range and Radii based on flight test fuel consumptions.