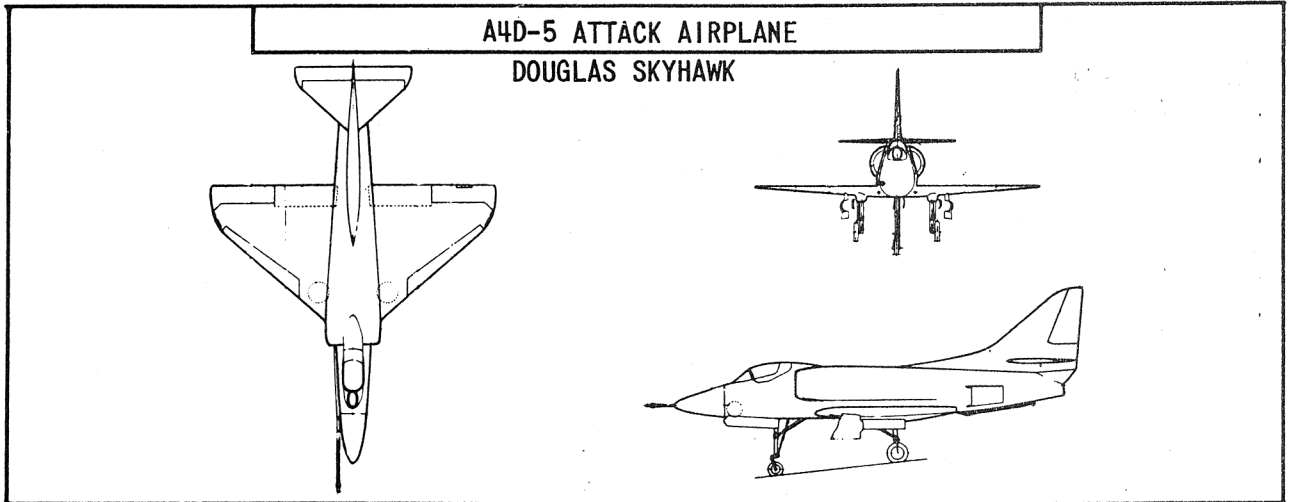


## CHARACTERISTICS SUMMARY



**WING AREA** 260 sq. ft.

**LENGTH** 40.1 ft.

**WING SPAN** 27.5 ft.

**HEIGHT** 15.0 ft.

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

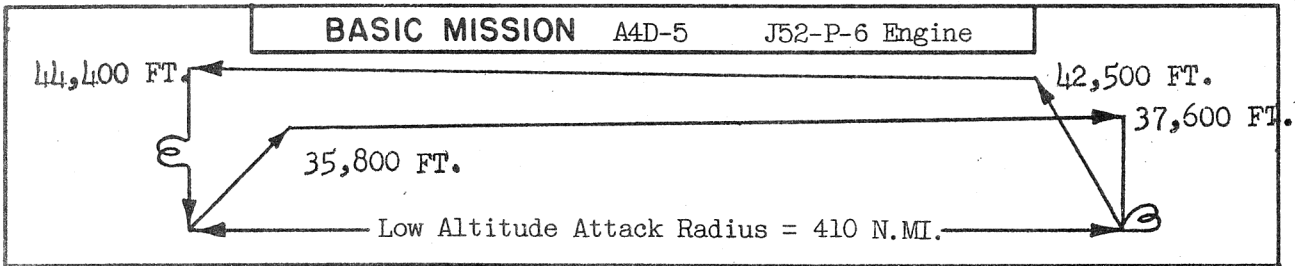
STATUS	
Contract: NOa(s) 60-0128 NOw(s) 61-0022	<b>SERVICE</b>
<b>First Flight: 12 July 1961</b>	

ENGINES	
(1) P&W J52-P-6 without afterburner	
<u>Rating</u>	<u>Thrust</u> <u>lb.</u>
Military	8500
Normal	7500

FEATURES
Single Place Carrier Based Tanker and Receiver Fueling Provisions All-Weather Navigation Aids Adjustable Stabilizer Liquid Oxygen System No Wing Fold

ARMAMENT
<u>Fuselage Bomb Rack:</u> Bombs or Stores up to 3575 lb
<u>Wing Bomb Racks:</u> <u>Inbd.:</u> Bombs or Stores up to 2240 lb (with roll restriction) <u>Outbd.:</u> Up to 550 lb
<u>Guns:</u> Two MK 12 Mod Q <u>Maximum Bomb Capacity:</u> 8175 lb (without roll restriction)

## CHARACTERISTICS SUMMARY



### PERFORMANCE

COMBAT RADIUS (A)	COMBAT RANGE	SPEED
410 nautical miles at 439 knots average speed in 2.0 hours	1010 nautical miles at 437 knots average speed in 2.3 hours	577 kn. (M = .87) at Sea Level, Military Thrust, Combat Weight, Store On 520 kn. (M = .90) at 35,000 ft., Military Thrust, Combat Weight, Store On
CLIMB	CEILING	TAKE OFF
6400 ft./min. Sea Level, Military Thrust Take-off Weight	40,700 ft. 100 ft./min. Rate of Climb, Take-off Weight Military Thrust	2480 ft. Take-off Run, No Wind, Sea Level, Take-off Weight Military Thrust
9750 ft./min. Sea Level, Military Thrust Combat Weight, Store On	42,00 ft. 500 ft./min. Rate of Climb, Combat Weight Military Thrust	3890 ft. T.O. over 50 ft. Obstacle, No Wind, S.L. Take-off Weight Military Thrust
LOAD	WEIGHTS	STALLING SPEED
Fuel 800 gal. (JP-5) 1 2025-lb Store Air Refueling Probe 2 - 20mm Guns and Ammo.	Basic 10,388 lb. Landing 11,120 lb. Combat 15,677 lb. (60% Fuel, Store On) Take-off 17,853 lb.	120 knots Take-off Weight Power-off
		TIME TO CLIMB
		5.4 min. to 30,000 ft. Take-off Weight Military Thrust

### NOTES

- (A) With 2 150-gal. tanks, radius is **610** nautical miles  
With 2 300-gal. tanks, radius is **770** nautical miles

This issue based on contractor and NATC flight test data on the Model(s) A4D-1, -2, -2N and engine performance from Pratt & Whitney specification N-1731-A dated 20 May 1960 with fuel consumptions increased 5%.