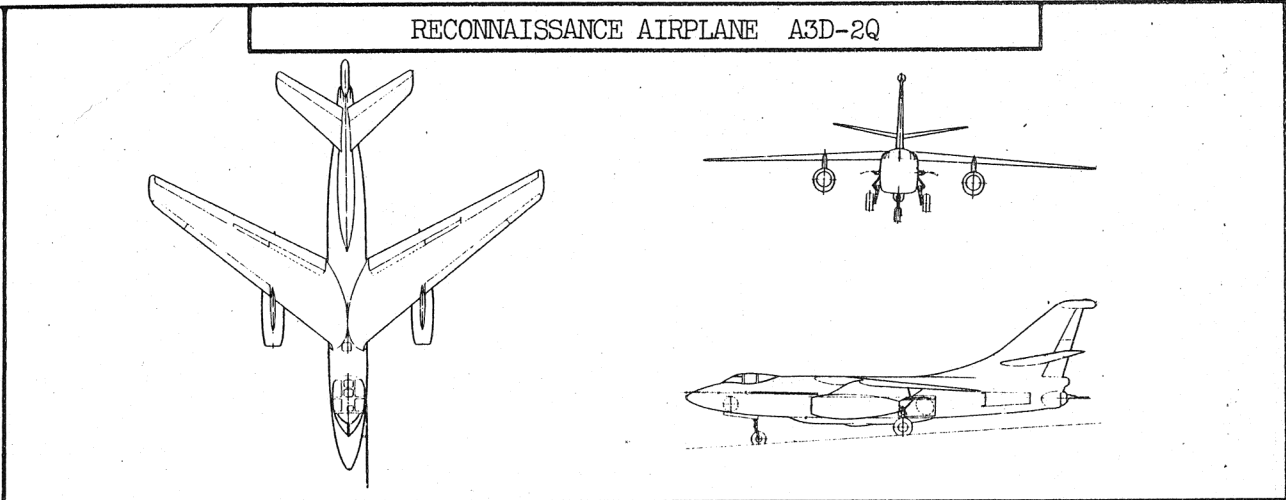


CHARACTERISTICS SUMMARY

RECONNAISSANCE AIRPLANE A3D-2Q



WING AREA 779 Sq. Ft.
WING SPAN 72.5 Ft.

LENGTH 76.4 Ft.
HEIGHT 23.4 Ft.

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

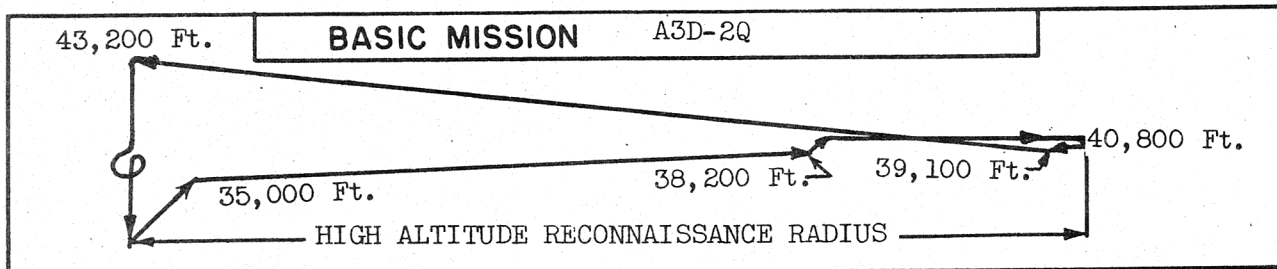
STATUS	
First Flight	December, 1958
First Fleet Delivery	November, 1959

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

FEATURES
Carrier Operating Features
Electronic Counter-measure equipped for search of enemy radar
Inflight Refueling Capability

ARMAMENT
GUNS/AMM.
2-20mm (M3) /500 rds. per gun.
Tail Turret System Aero 21B

CHARACTERISTICS SUMMARY



PERFORMANCE

COMBAT RADIUS	COMBAT RANGE	SPEED
1162 nautical miles at 459 knots average speed in 5.1 hours	2365 nautical miles at 459 knots average speed in 5.0 hours	510 knots at 35,000 Ft. 491 knots at 40,000 Ft. Combat Weight Military Thrust
CLIMB	CEILING	TAKE OFF
4910 fpm at sea level Take-Off Weight Military Thrust	SERVICE: 38,600 Ft. 100 fpm Rate of Climb Take off Weight Military Thrust	4700 Ft., Full Flaps, No Wind, No JATO
6050 fpm at sea level Combat Weight Military Thrust	COMBAT: 40,900 Ft. 500 fpm Rate of Climb Combat Weight Military Thrust	6580 Ft. to Clear 50 Ft. Obstacle. Full Flaps, No Wind, No JATO
LOAD	WEIGHTS	STALLING SPEED
Electronic Countermeasures Equipment and Four Operators (1894 Lb.) Fuel 4412 gal. (JP-5)	Empty 41,193 Lb. Landing 47,691 Lb. Combat 62,483 Lb. Take-Off 74,483 Lb.	133.5 knots Take Off Weight Power Off
		TIME TO CLIMB
		30,000 Ft. in 9.6 min. Take Off Weight Military Thrust

NOTES

Performance is derived from NATC and Contractor's Flight Test of the Model A3D-2 and -2Q. Range and Radii based on Flight Test Fuel Consumptions.