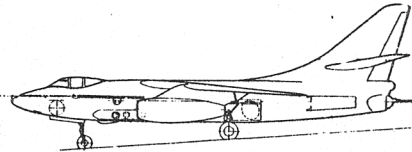
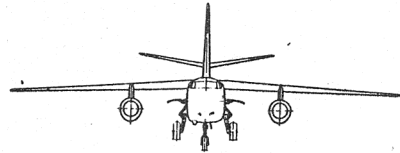
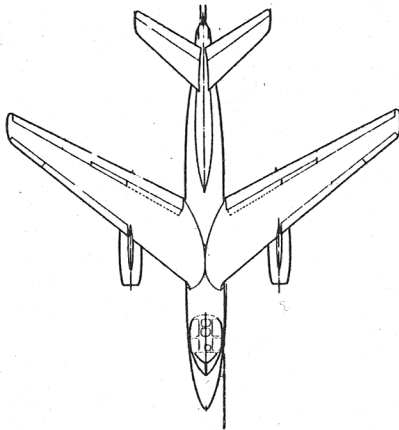


# CHARACTERISTICS SUMMARY

PHOTOGRAPHIC AIRPLANE A3D-2P



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

**LENGTH** 74.7 Ft.  
**HEIGHT** 22.8 Ft.

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

STATUS	
First Flight	July, 1958
First Fleet Delivery	August, 1959

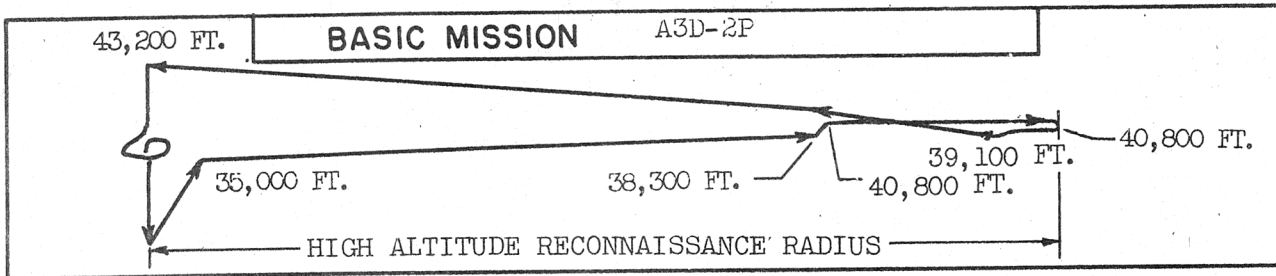
ENGINES	
(2) Pratt & Whitney J57-P-10	
	Thrust Lb.
Maximum	10,500
Military	10,500
Normal	9,000
JATO	12 5KS4500 Units

FEATURES
Carrier Operating Provisions
Photo Reconnaissance (Day and Night)
Pressurized Camera Compartment
Photo Flash Bomb And/ Or Cartridge Bay
IFR Provisions

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

SERVICE

## CHARACTERISTICS SUMMARY



### PERFORMANCE

COMBAT RADIUS	COMBAT RANGE	SPEED
1158 nautical miles at 459 knots average speed in 5.1 hours	2353 nautical miles at 459 knots average speed in 4.9 hours	509 knots at 35,000 FT. 490 knots at 40,000 FT. Combat Weight Military Thrust
CLIMB	CEILING	TAKE OFF
4900 fpm at sea level Take off Weight Military Thrust	<b>SERVICE:</b> 38,500 FT. 100 fpm Rate of Climb Take-Off Weight Military Thrust	4700 ft., Full Flaps, No Wind, No JATO
6000 fpm at sea level Take off Weight Military Thrust	<b>COMBAT:</b> 40,900 FT. 500 fpm Rate of Climb Combat Weight Military Thrust	6560 ft., To clear 50 ft. Obstacle, Full Flaps, No Wind, No JATO
LOAD	WEIGHTS	STALLING SPEED
Fuel 4412 gal. (JP-5) Photographic Equipment (1455 Lb.)	Empty 40,852 Lb. Landing: 47,730 Lb. Combat: 62,522 Lb. Take Off: 74,522 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 -2P. Range and Radii based on Flight Test Fuel Consumptions.