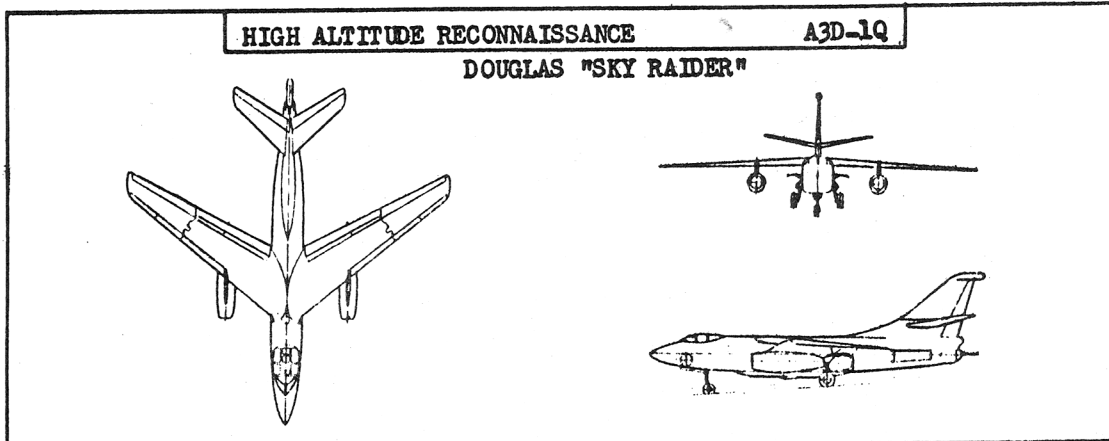


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### CHARACTERISTICS SUMMARY



WING AREA 779 Sq. Ft.  
 WING SPAN 72' - 6"

LENGTH 75' - 11"  
 HEIGHT 23' - 11"

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

STATUS	
<p>First Flight ..... August 1955          Service Use (FIP) ..... 18 January 1956</p> <p>Five A3D-1 aircraft (BuNos 130356, 130360, 130161, 130362 and 130362) were modified, after delivery, to A3D-1Q configuration.</p>	

ENGINES			
	LBS	RPM	ALT
T.O.	10000	9900	SSL
MIL.	9500	9800	SSL
NORM.	8250	9550	SSL
Eng. Spec. N-1671-E			

FEATURES
<p>CREW - 7          Wing and tail fold          Single slotted wing flaps          Leading edge slats          Power boost controls          Pressurized cabin          4,506 gallons fuel, Maximum capacity</p>

ARMAMENT
<p>1-Aero 21B Tail Turret System          2-20mm (M-3) guns          1,000 yds</p> <p>-----</p> <p>Counter Measure Equipment.          KD 2 and 3 cameras</p>

CLEARED  
 FOR OPEN PUBLICATION  
 MAY 13 1985  
 COMNAVAIRSYSCOM

A. W. Frascella  
 Public Information Officer  
 By direction of the Commander

NAVAIR 1519 A (REV. 1-49)

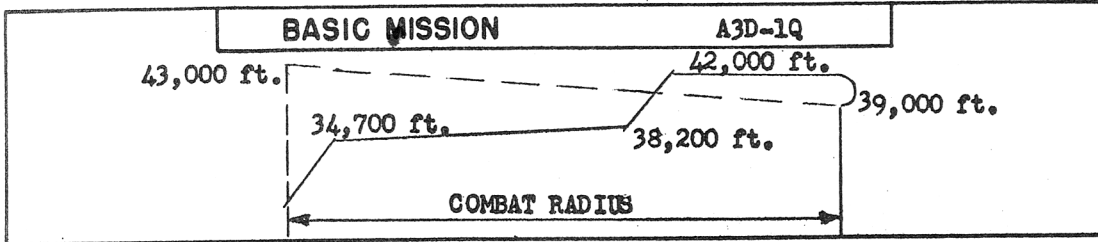
15 July 1957

A3D-1Q

DECLASSIFIED

SERVICE

## CHARACTERISTICS SUMMARY



PERFORMANCE		
<b>COMBAT RADIUS</b>	<b>COMBAT RANGE</b>	<b>SPEED</b>
1,210 naut. mi. 455 knots avg. Mission Time 5.36 hrs. Mission: Search, High Alt. Reconnaissance	2,445 naut. mi. 455 knots avg. hours	533 knots at Sea Level 524 knots at 25,000 ft. 509 knots at 35,000 ft.  Combat Weight Maximum Power
<b>CLIMB</b>	<b>CEILING</b>	<b>TAKE OFF</b>
4,410 ft./min. Sea Level, T. O. wt. Maximum Power	39,000 ft. 100 ft./min., T. O. wt. Maximum Power	4,260 ft. - Calm 2,850 ft. - 25 Kn. Wind
5,465 ft./min. Sea Level, Combat wt. Maximum Power	41,400 ft. 500 ft./min. Combat wt. Maximum Power	6,640 ft. - Calm (Clear 50 ft. obstacle)
<b>LOAD</b>	<b>WEIGHTS</b>	<b>STALLING SPEED</b>
Fuel 4,281* gal. fixed 4,281*drop  *JP-5	Empty 37,242 lbs. Combat 58,355 lbs. Take-off 70,000 lbs.	129.5 knots Power Off Flaps down, T. O. wt.
		<b>TIME TO CLIMB</b>
		35,000 ft. in 10.1 min. Combat Wt., Max. Power

**NOTES**

PERFORMANCE BASIS: Preliminary flight test data.  
 Combat range and radius are based on engine specification fuel consumption data increased by 5%.

NAVAER-15198 (Rev. 10-51)