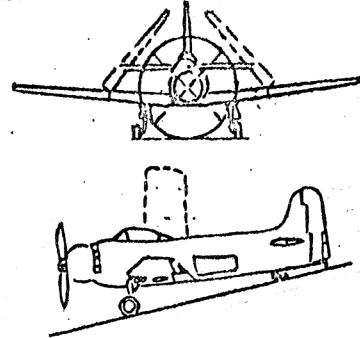
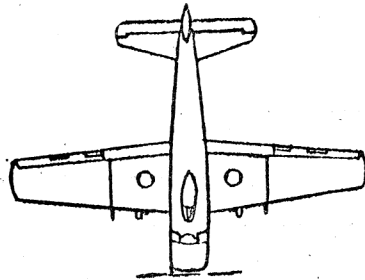


CHARACTERISTICS SUMMARY

LOW ALTITUDE ATTACK

AD-6

DOUGLAS "SKYRAIDER"



WING AREA 400 Sq. Ft.
WING SPAN 50 Ft.

LENGTH 39' - 2"
HEIGHT 15' - 8"

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

STATUS

First Flight June 1953
Service Use September 1953

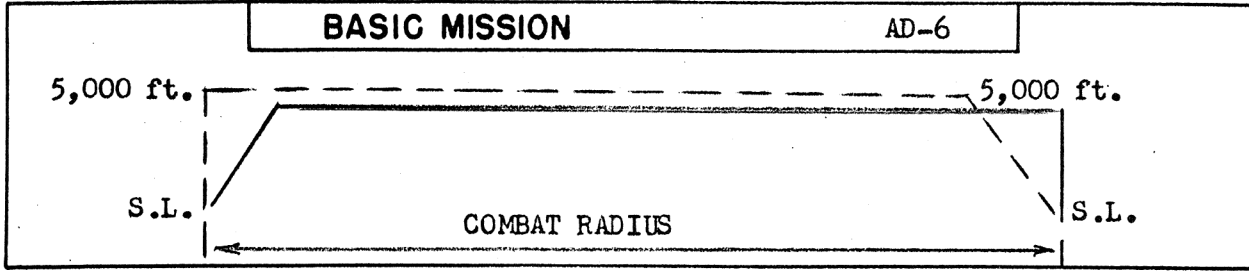
ENGINES			
1 WAC R-3350-26WA			
	<u>BHP</u>	<u>RPM</u>	<u>ALT.</u>
T.O.	2700	2900	S.L.
MIL.	2700	2900	S.L.-
			3700'
	2100	2600	11500'-
			14500'
NORM.	2300	2600	S.L.-
			6200'
	1900	2600	1200'-
			17000'

FEATURES
Crew - 1
Power Operated Canopy
Dive Brakes
Single Slotted Flaps
Folding Wings
1,280 gallons of fuel, Maximum Capacity

ARMAMENT			
<u>GUNS</u>			
<u>NO.</u>	<u>SIZE</u>	<u>LOCATION</u>	<u>RDS.</u>
4	20mm	Wings	300
<u>BASIC MISSION</u>			
1-2000 lb. G.P. Bomb			
<u>BOMBS, ROCKETS, SPECIAL</u>			
<u>WEAPONS</u>			
<u>LOCATION</u>		<u>MAX. CAP.</u>	
Fuse C. L.		3500 lb.	
Inner wing		4600 lb.	
Outer wing		5000 lb.	
Max. Load cap.		8000 lb.	

NAVAES 1519 A (REV. 1-49)

CHARACTERISTICS SUMMARY



PERFORMANCE		
COMBAT RADIUS	COMBAT RANGE	SPEED
270 naut. mi. 170 knots avg. Mission Time 3.5 hrs. Basic Mission: Low Altitude Attack - (1) 2000 lb. G.P. Bomb	730 naut. mi. 170 knots avg. -- hours	277 knots at S.L. ft. 289 knots at 5,000 ft. 303 knots at 15,800 ft. Combat Weight Military Power
CLIMB	CEILING	TAKE OFF
2,000 ft./min. Sea Level, T. O. wt. Normal Power	31,100 ft. 100 ft./min., T. O. wt. Normal Power	1,155 ft. - calm No Assist
3,210 ft./min. Sea Level, Combat wt. Military Power	31,300 ft. 500 ft./min., Combat wt. Military Power	630 ft. 25 kt. wind No Assist
LOAD	WEIGHTS	STALLING SPEED
Fuel 380 gal. fixed 380 drop --	Empty 11,902 lbs. *Combat 16,006 lbs. Take-off 18,918 lbs. * BOMB NOT RETAINED	86.1 knots Power Off Flaps down, T. O. wt.
		TIME TO CLIMB
		10,000 ft. in 5.1 min. T.O.Wt., Normal Power

NOTES

Performance Basis: Calculations and flight test of AD-4B, AD-5 and AD-6. Range and radius are based on fuel consumption data from AD-4B, AD-5, and AD-6 Flight Test.

NAVAER-1519B (Rev. 10-51)