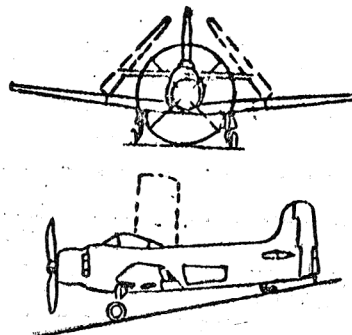
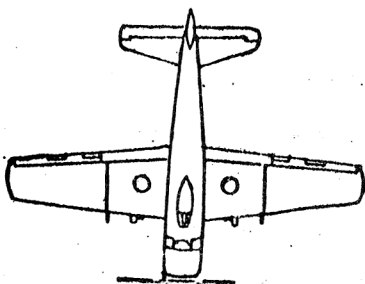


CHARACTERISTICS SUMMARY

LOW ALTITUDE ATTACK

AD-7

DOUGLAS "SKYRAIDER"



WING AREA 400 Sq. Ft.
WING SPAN 50' - 0"

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

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

STATUS

First Flight June 1956
Service Use September 1956

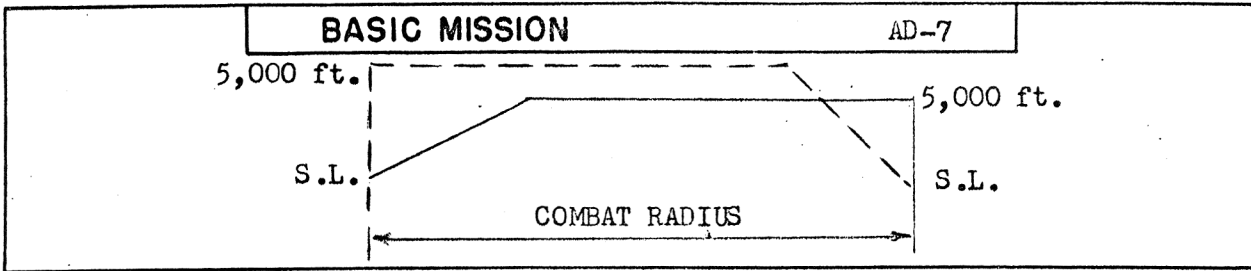
ENGINES			
(1) Wright R-3350-26WB			
	<u>BHP</u>	<u>RPM</u>	<u>ALT.</u>
T.O.	2700	2900	S.L.
MIL.	2700	2900	S.L. -
			3700'
	2100	2600	11500'-
			14500'
NORM.	2300	2600	S.L. -
			6200'
	1900	2600	12000'
			17000'

FEATURES
Crew - 1
Power operated canopy
Dive Brakes
Single slotted flaps
Folding wings
Wing structural integrity greater than AD-6

ARMAMENT			
<u>GUNS</u>			
<u>NO.</u>	<u>SIZE</u>	<u>LOCATION</u>	<u>RDS.</u>
4	20mm	Wings	800
BASIC MISSION			
1-2000 lb. Bomb			
BOMBS, ROCKETS, SPECIAL WEAPONS			
<u>LOCATION</u>			<u>MAX. CAP.</u>
Fuselage C.L.			3500 lbs.
Inner Wing			4600 lbs.
Outer Wing			5000 lbs.
Max.load cap.			8000 lbs.

NAVAER 1519 A (REV. 1-49)

CHARACTERISTICS SUMMARY



PERFORMANCE		
COMBAT RADIUS	COMBAT RANGE	SPEED
265 naut. mi. 170 knots avg. Mission Time 3.4 hrs. Basic Mission: Low Altitude Attack - (1) - 2,000 lb. Bomb	720 naut. mi. 170 knots avg. -- hours	274 knots at S.L. ft. 298 knots at 15,700 ft. -- knots at -- ft. Combat Weight Military Power
CLIMB	CEILING	TAKE OFF
2,000 ft./min. Sea Level, T. O. wt. Normal Power	30,650 ft. 100 ft./min., T. O. wt. Normal Power	1,185 ft. - calm 635 ft. 25 kt. wind No Assist
LOAD	WEIGHTS	STALLING SPEED
Fuel 380 gal. fixed 380 drop --	Empty 12,094 lbs. *Combat 16,199 lbs. Take-off 19,111 lbs. * BOMBS NOT RETAINED	86.6 knots Power Off Flaps down, T. O. wt.
		TIME TO CLIMB
		ft. in min. Combat Wt., Max. Power

NOTES

Performance is calculated and based on flight tests of models AD-4B, AD-5 and AD-6.

NAVAER-1519B (Rev. 10-51)