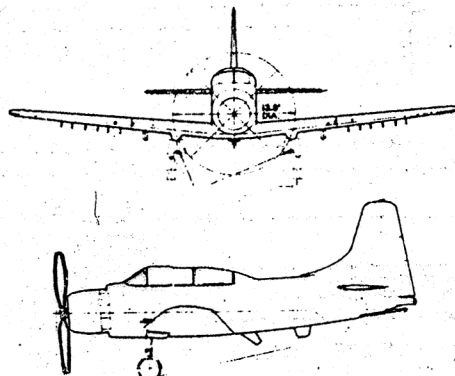
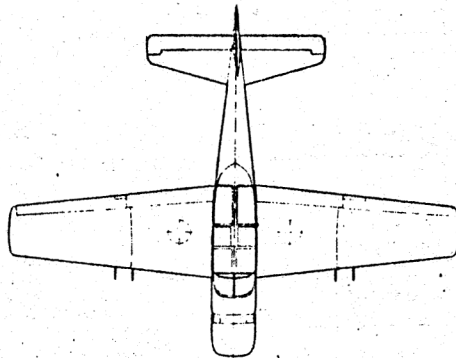


CHARACTERISTICS SUMMARY

LOW ALTITUDE ATTACK

AD-5Q

DOUGLAS



WING AREA 400 sq.ft.
 WING SPAN 50' - 0"

LENGTH 40' - 0"
 HEIGHT 15' - 9"

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

STATUS

First Flight - - - - - October 1956
 Service Use - - - - - July 1957

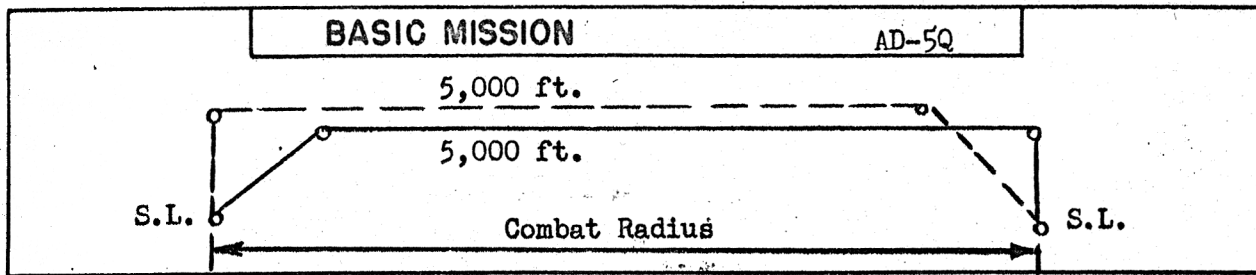
ENGINES	
1 W.A.C. R-3350-26-WA	
BHP. RPM. ALT.	
T.O. 2700/2900/ S.L.	
MIL. 2700/2900/3700	
	2100/2600/14500
NORM. 2300/2600/ 6200	
	1900/2600/17000

FEATURES
Crew - 4
Folding wings
Arresting gear
Catapulting gear
Aileron boost
980 gals. fuel-Max.Cap.

ARMAMENT
BASIC MISSION:
1-300 gal. fuel tank
2-AN/Alt. 2 stores
MX 900A wind. Desp.
AN/APS - 31 Radar

NAVAER 1519 A (REV. 1-49)

CHARACTERISTICS SUMMARY



PERFORMANCE

COMBAT RADIUS	COMBAT RANGE	SPEED
485 naut. mi.	1,180 naut. mi.	251 knots at S.L. ft.
165 knots avg.	165 knots avg.	264 knots at 5,000 ft.
*6.2 hours		263 knots at 15,000 ft.
*Mission time Basic Mission		Combat Weight Military Power
CLIMB	CEILING	TAKE OFF
1,510 ft./min.	23,100 ft.	1,320 ft. calm
Sea Level, T. O. wt. Normal Power	100 ft./min., T. O. wt. Normal Power	No assist
2,320 ft./min.	22,000 ft.	690 ft. 25 knot wind
Sea Level, Combat wt. Military Power	500 ft./min., Combat wt. Military Power	No assist
LOAD	WEIGHTS	STALLING SPEED
Fuel 680 gal.	Empty 12,097 lbs.	91.5 knots
fixed 380 drop 300	Combat 19,395 lbs.	Flaps down, T. O. wt.
Provisions for 300 gal. more droppable fuel.	Take-off 21,351 lbs.	TIME TO CLIMB
		ft. in min.
		Combat Wt., Max. Power

NOTES

PERFORMANCE BASIS: Performance is calculated and based on contractor's flight tests of the AD series.

COMBAT RANGE & RADIUS are based on AD series flight test fuel consumption data increased 5%.

Reissue due to availability of contractor's flight test data.