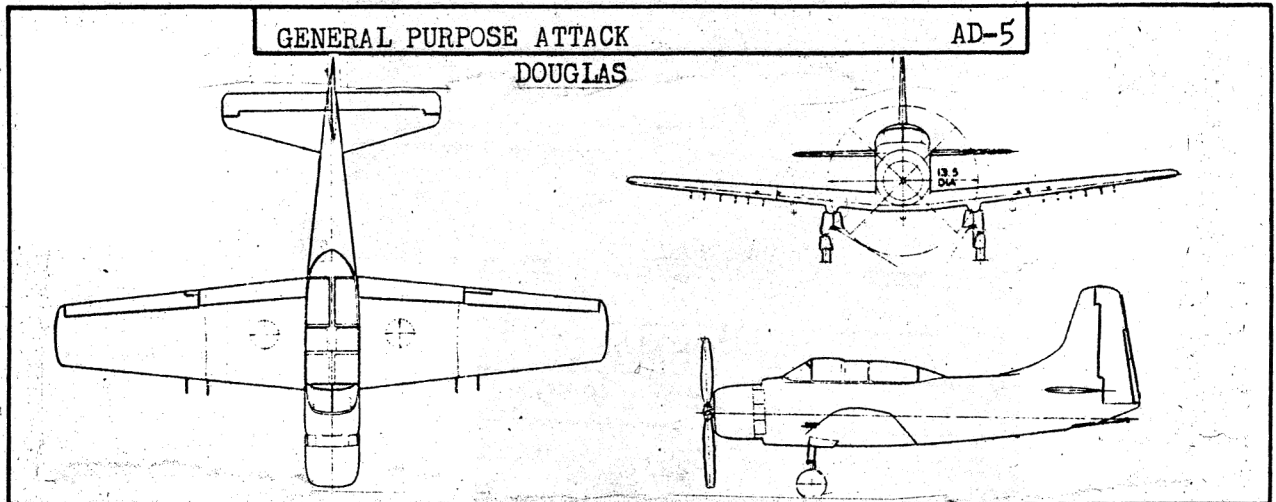


# CHARACTERISTICS SUMMARY



GENERAL PURPOSE ATTACK  
DOUGLAS

AD-5

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 - - - - - August 1951  
Service Use- - - - - April 1953

ENGINES	
1 W.A.C.	R-3350-26WA
	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 - 1 or 2
Folding wings
Arresting gear
Catapulting gear
Single dive brake
Aileron boost
980 gals.fuel max.cap.

ARMAMENT
BASIC MISSION: 1-2000 lb. bomb
Prov: 2-MK. 51 Wing racks (2000 lbs. each)
12-Aero 1 1/4 Racks (combination bomb rack and rocket launcher)
Max. Bomb cap. 7325lb
Ctr. Line cap. 3600lb.

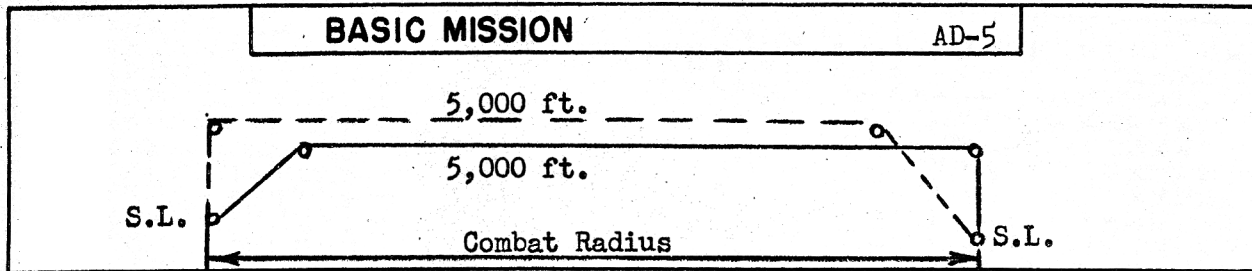
NAVAER 1519 A (REV. 1-49)

15 July 1956

DECLASSIFIED

AD-5

## CHARACTERISTICS SUMMARY



PERFORMANCE		
<b>COMBAT RADIUS</b>	<b>COMBAT RANGE</b>	<b>SPEED</b>
235 naut. mi. 170 knots avg. *3.1 hours	655 naut. mi. 170 knots avg.	269 knots at S.L. ft. 285 knots at 15,000 ft.
*Mission time Basic Mission		<b>Combat Weight</b> Military Power
<b>CLIMB</b>	<b>CEILING</b>	<b>TAKE OFF</b>
1,840 ft./min. Sea Level, T. O. wt. Normal Power	26,400 ft. 100 ft./min., T. O. wt. Normal Power	1,070 calm No Assist
2,990 ft./min. Sea Level, Combat wt. Military Power	26,800 ft. 500 ft./min., Combat wt. Military Power	535 ft. 25 knot wind No Assist
<b>LOAD</b>	<b>WEIGHTS</b>	<b>STALLING SPEED</b>
Fuel 380 gal. fixed 380 drop Provisions for 600 gal. droppable fuel Payload - 2000 lb. bomb	Empty 12,293 lbs. Combat 16,760 lbs. Take-off 19,672 lbs.	87.8 knots Flaps down, T. O. wt.
		<b>TIME TO CLIMB</b>
		- ft. in - min. Combat Wt., Max. Power

**NOTES**

PERFORMANCE BASIS: Performance is based on contractor's results of AD-5 flight tests.

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

Reissue due to availability of contractor's AD-5 flight test data.

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NAVAER-1519B (Rev. 10-51)