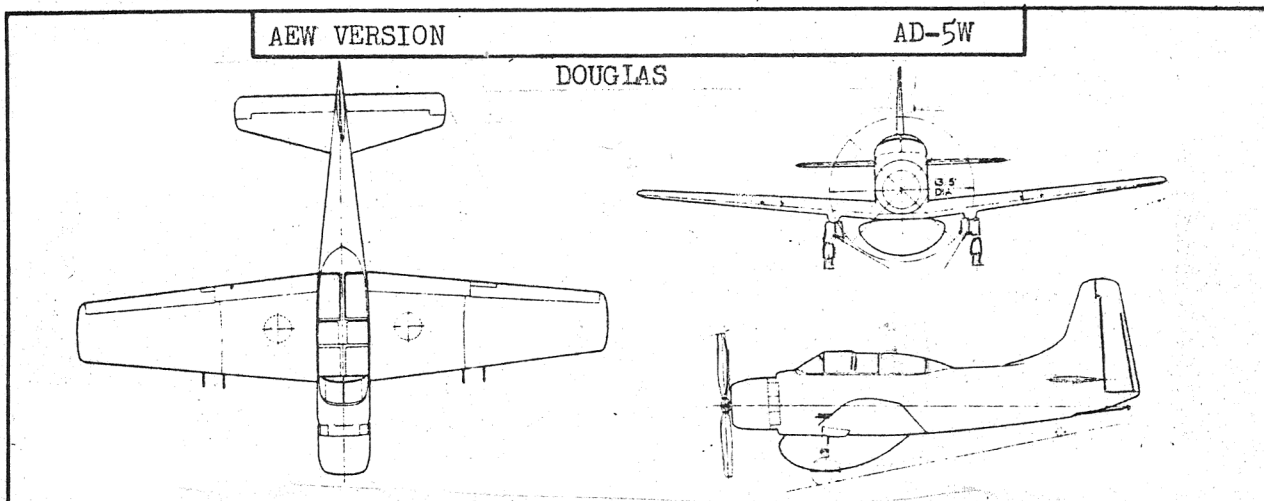


~~CONFIDENTIAL~~

DECLASSIFIED

SERVICE

CHARACTERISTICS SUMMARY



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- - - - - April 1954 Service Date- - - - - November 1954

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 - 3
Folding wings
Arresting gear
Catapulting gear
Aileron boost
AN/APS-20B radar scanner
Max. cap. 980 gal.fuel

ARMAMENT
None

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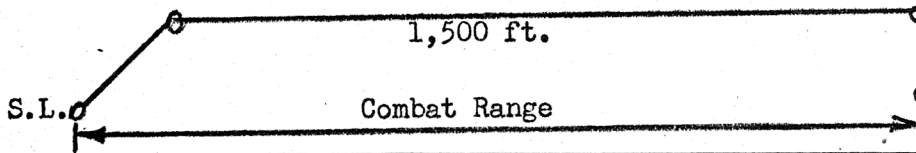
15 July 1956

AD-5W

CHARACTERISTICS SUMMARY

BASIC MISSION

AD-5W



PERFORMANCE

COMBAT RADIUS		COMBAT RANGE		SPEED	
275	naut. mi.	685	naut. mi.	250	knots at S.L. ft.
160	knots avg.	160	knots avg.	253	knots at 1,500 ft.
*4.4	hours			267	knots at 15,000 ft.
*Mission time				Combat Weight Military Power	
CLIMB		CEILING		TAKE OFF	
2,070	ft./min.	26,500	ft.	1,025	ft. calm
Sea Level, T. O. wt. Normal Power		100 ft./min., T. O. wt. Normal Power		No assist	
2,740	ft./min.	24,400	ft.	540	ft. 25 knot wind
Sea Level, Combat wt. Military Power		500 ft./min., Combat wt. Military Power		No assist	
LOAD		WEIGHTS		STALLING SPEED	
Fuel	380 gal.	Empty	12,092 lbs.	87.9	knots
fixed	380 drop	Combat	17,125 lbs.	Flaps down, T. O. wt.	
Provisions for	600 gal. droppable fuel	Take-off	18,037 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-5W.
 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.

NAVAER-1519B (Rev. 10-51)