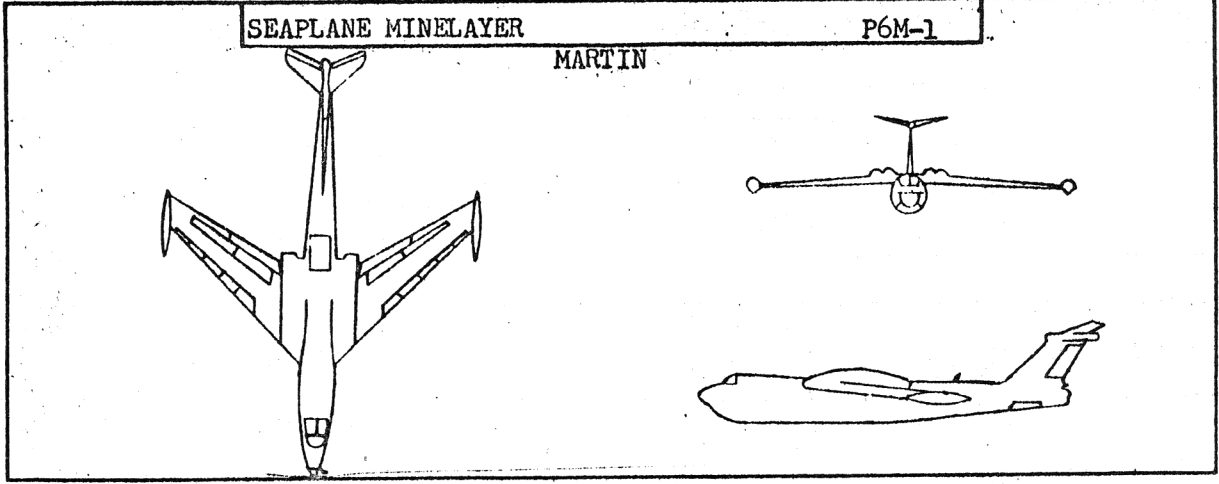


DECLASSIFIED

SERVICE

CHARACTERISTICS SUMMARY



WING AREA 1,900 sq. ft.
WING SPAN 102'-7"

LENGTH 133'-5"
HEIGHT 34'-11"

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

STATUS

First Flight - - - - - August 1958
Service Use - - - - - December 1958

ENGINES		
4 J-75-P-2		
<u>LBS</u>	<u>RPM</u>	<u>ALT</u>
MAX. 15,800	6,820	SSL
MIL. 15,800	6,820	SSL
NORM. 14,000	6,450	SSL

FEATURES
Crew-5
"Tee" Tail
Wing tip floats
Spoiler ailerons
Single slotted wing flaps
Loading edge slats
Hydro flaps
Rotary Mine door

ARMAMENT	
2 - 20 mm - Tail	
1000 rds of ammo	

<u>FIRE CONTROL SYSTEM</u>	
Aero 23B AGL Tail Turret	
Aero X8A minelaying sys.	
GPL minelaying-Aero X23A	

Navigation system	

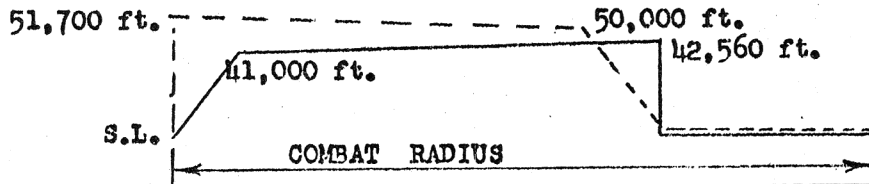
15 Mk.25 - 2 mines	
Max. load cap, 30,000 lb	

NAVAER 1519 A (REV. 1-49)

CHARACTERISTICS SUMMARY

BASIC MISSION

P6M-1



PERFORMANCE

COMBAT RADIUS	COMBAT RANGE	SPEED
658 naut. mi. 468 knots avg. 2.58 hours Seaplane minelayer MIL-C-5011A	1,685 naut. mi. 468 knots avg.	594 knots at S.L. ft. 525 knots at 35,000 ft. knots at ft. T.O. Weight Military Power
CLIMB	CEILING	TAKE OFF
8,000 ft./min. Sea Level, T. O. wt. Military Power	50,000 ft. 100 ft./min., T. O. wt. Military Power	
4,600 ft./min. 35,000 ft. Combat Wt. Military Power	52,000 ft. 500 ft./min. Combat Wt. Military Power	TIME 45 sec. - Calm T.O. Power
LOAD	WEIGHTS	STALLING SPEED
Fuel 7,010 gal. fixed 7,010 drop Max. Cap=13,940 gal. (includes Bomb Bay Tanks)	Empty 84,023 lbs. Combat 140,000 lbs. Take-off 163,550 lbs.	90 knots Flaps down 89,000# wt. TIME TO CLIMB

NOTES

Performance Basis: Calculations
 Fuel: JP-3 or 4 weighing 6.5 lb. per. gallon.
 Range & Radius are based on engine specification fuel consumption data increased by 5%.

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NAVAER-1519B(Rev. 10-51)