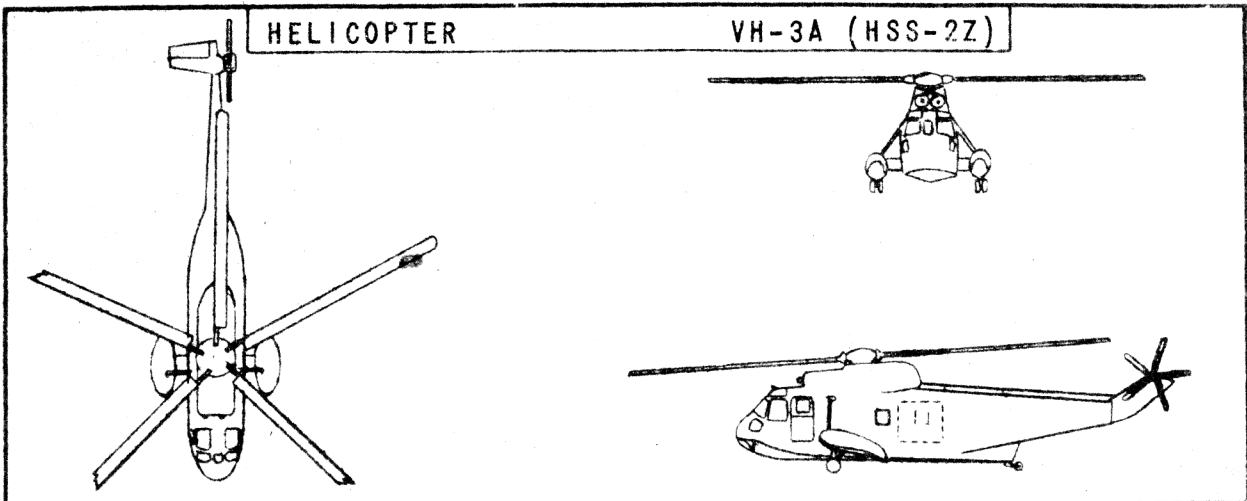


CHARACTERISTICS SUMMARY



HELICOPTER

VH-3A (HSS-2Z)

DISC AREA 3019 sq. ft.

ROTOR DIA. 62.0 ft.

LENGTH Blades & Pylon
Folded - 46.5 ft.

HEIGHT Blades & Pylon
Folded - 16.67 ft.

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

STATUS	
Prototype - HSS-2	Production Status: In Production
First Flight - FEBRUARY 1962	
First Acceptance - APRIL 1962	

ENGINES			
No. & Model:	(2) T58-GE-8c		
Manufacturer:	General Electric		
R A T I N G S			
	ESHP	RPM	ALT
Military	1250	19500	SSL
Normal	1050	19500	SSL
Engine Spec. No.	E1025B		
Dated	15 Sept 1961		

FEATURES
Twin engine, single main rotor, amphibian type hull bottom. Automatic stabilization equipment provided.
Metal main rotor blades are pretracked and foldable. Air conditioning, galley, lavatory, panoramic window, complete intercommunications system.

GENERAL	
Crew	4
Passengers	11
Baggage	150 lbs

NAVAER-1519E (Rev. 6-56)

CHARACTERISTICS SUMMARY

BASIC MISSION	VH-3A (HSS-2Z)
EXECUTIVE TRANSPORT MISSION	

PERFORMANCE		
RADIUS	RANGE	SPEED
47 naut. mi.	97 naut. mi.	147 knots at 0 ft.
120 knots avg.	120 knots avg.	knots at ft.
0 ft. alt.	0 ft. alt.	Normal Gross Weight Normal Power
FORWARD FLIGHT CLIMB	SERVICE CEILING	HOVERING CEILING
1980 ft./min. Sea Level, N. G. Wt., Normal Power	17,300 ft. 100 ft./min., N. G. Wt., Normal Power	6600 ft. N. G. Wt., Normal Power out of ground effect
		11,200 ft. N. G. Wt., Normal Power in ground effect
LOAD	WEIGHTS	VERTICAL CLIMB
Fuel 152.3 gal.	Empty 12,570 lbs.	1,685 ft./min.
Internal 152.3 gal.	Normal Gross 16,573 lbs.	Sea Level, N. G. Wt., Military Power
External 0 gal.	Max. Gross 17,573 lbs.	
Payload 2020 lbs.		

NOTES
Performance Basis - Flight test. Maximum speed is given by normal power. Transmission is rated at 2300 HP Performance is given for standard atmospheric conditions and no wind.

NAVAER-1519D (Rev. 6-56)