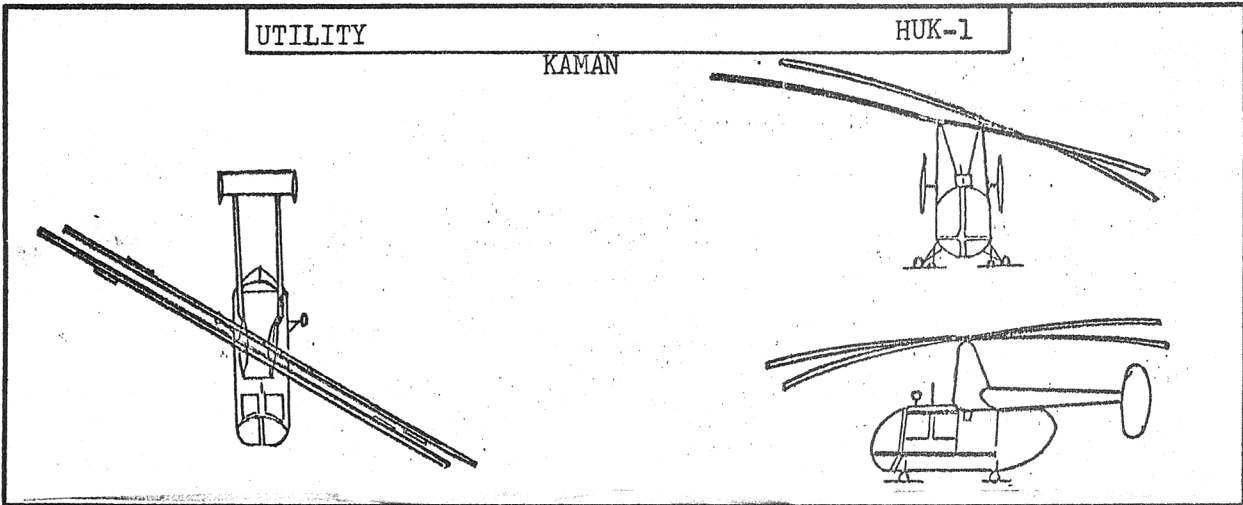


CHARACTERISTICS SUMMARY



DISC AREA 1901 sq. ft. (PROJECTED)

LENGTH 47' - 0"

ROTOR DIA. 47 ft.

HEIGHT 16' - 4"

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

STATUS	
First Flight	February 1958
Fleet Delivery	May 1958

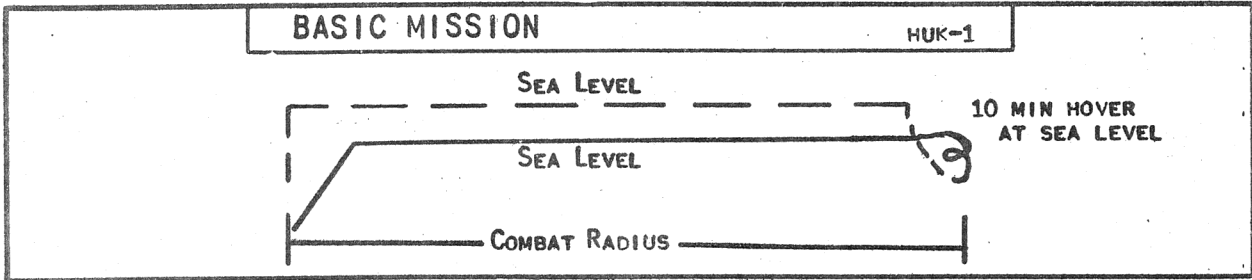
ENGINES			
(1) R-1340-52			
	<u>RHP</u>	<u>RPM</u>	<u>ALT</u>
T.O.	600	2250	3000'
NORM	550	2200	5000'

FEATURES
Employs Aerodynamic Servo Flaps for Blade Control
In-Flight Blade Tracking
400 lb. Hoist Capacity

ARMAMENT
NONE
Crew..... 2
Passengers ... 3

NAVAER-1519E (Rev. 6-56)

CHARACTERISTICS SUMMARY



PERFORMANCE		
ENDURANCE	RANGE	SPEED
3.1 hours	175 naut. mi.	89 knots at SL ft.
43 knots avg.	65 knots avg.	knots at ft.
SL ft. alt.	SL ft. alt.	Normal Gross Weight NORMAL Power
FORWARD FLIGHT CLIMB	SERVICE CEILING	HOVERING CEILING
870 ft./min.	15,300 ft.	5,300 ft.
Sea Level, N. G. Wt., NORMAL Power	100 ft./min., N. G. Wt., NORMAL Power	N. G. Wt., MAXIMUM Power out of ground effect
		ft. N. G. Wt., Power in ground effect
LOAD	WEIGHTS	VERTICAL CLIMB
Fuel 102 gal.	Empty 4308 lbs.	6 00 ft./min.
Internal 102 gal.	Normal Gross 6203 lbs.	Sea Level, N. G. Wt., MAXIMUM Power
External gal.	Overload 6350 lbs.	
Payload 610 lbs.		

NOTES

PERFORMANCE BASED ON NATESTCEN EVALUATION OF HUK-1.
 RANGE AND ENDURANCE BASED ON NATESTCEN FUEL CONSUMPTION TESTS.
 ALL PERFORMANCE OUT OF GROUND EFFECT.

NAVAER-1519D (Rev. 6-56)

HUK-1

B-75710

1 OCT 1961