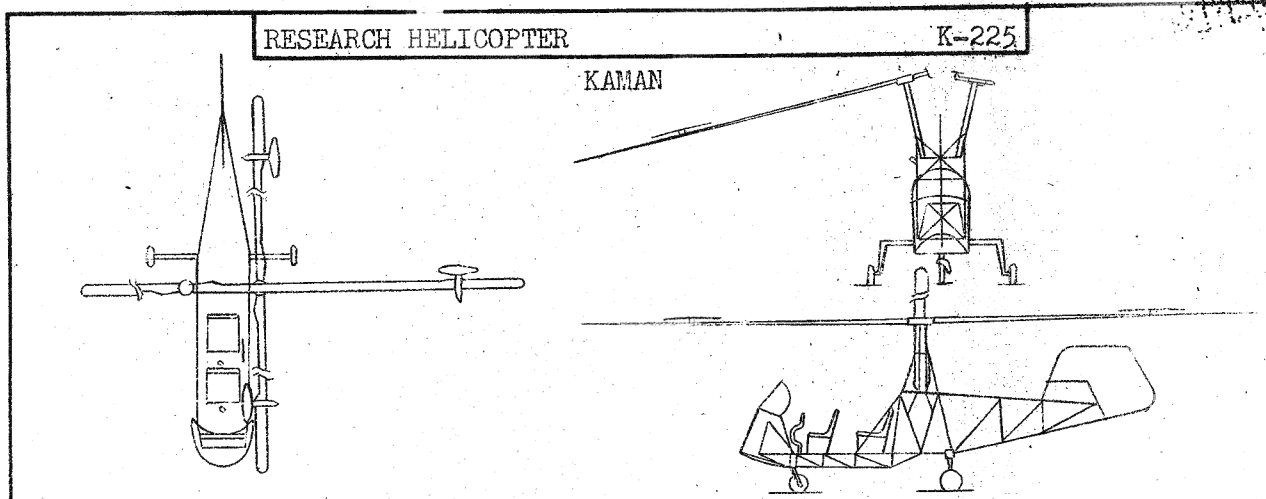


# CHARACTERISTICS SUMMARY



DISC AREA 1,268 sq. ft. (projected)

ROTOR DIA. 38' - 0"

LENGTH 38' - 0"

HEIGHT 15' - 0"

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

## STATUS

Off the shelf procurement with minor Navy changes. Purpose in purchasing K-225 helicopter was to evaluate the unusual intermeshing rotor configuration and servo flap control system.

## ENGINES

1 Lycoming O-435-A2

NORMAL 225/3,000/S.L.

## FEATURES

3 place  
Servo flap control  
system

40 gallons fuel,  
maximum capacity

## ARMAMENT

None

### Accommodations

1 Pilot  
2 Passengers

# CHARACTERISTICS SUMMARY

BASIC MISSION

K-225

## PERFORMANCE

MAX. ENDURANCE	COMBAT RANGE	COMBAT SPEED
1.6 hours	65 naut. mi.	63 knots at
28 knots avg.	47 knots avg.	S. L. ft., Max. Power
1,500 ft. alt.	1.4 hours	<b>MAXIMUM SPEED</b>
	1,500 ft. alt.	63 knots at
		S. L. ft., Max. Power
CLIMB	CEILING	TAKE OFF
936 ft./min. (forward flight) Sea Level, T. O. wt. Normal Power	9,200 ft. (forward flight) 100 ft./min., T. O. wt. Normal Power	Vertical
555 ft./min. (vertical) Sea Level, T. O. Wt. Normal Power	5,650 ft. Absolute Hover Ceil., T. O. Wt. Normal Power	
LOAD	WEIGHTS	STALLING SPEED
Fuel 24 gal.	Empty 1,943 lbs.	knots
fixed 24 drop	Combat	Flaps down, T. O. wt.
Pay Load 190 lbs.	Take-off 2,500 lbs.	<b>TIME TO CLIMB</b>
		ft. in min.
		Combat Wt., Max. Power

## NOTES

Performance is based on NATC flight test of K-225.  
 Range and endurance are based on engine specification fuel consumption data increased by 5% and allowing fuel for warm-up and take-off and a 10% fuel reserve.  
 All performance is out of ground effect.