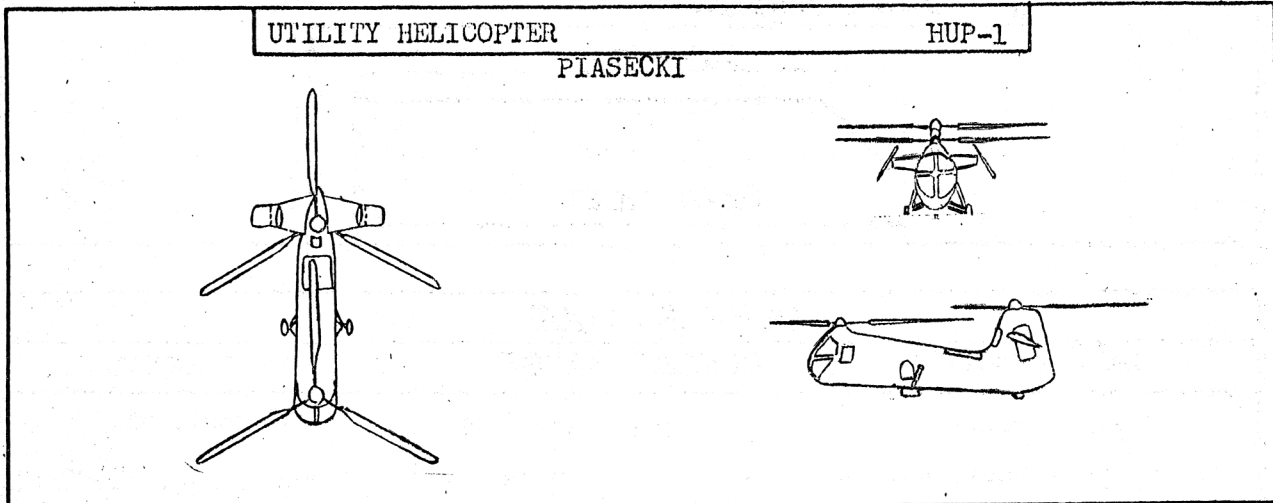


CHARACTERISTICS SUMMARY



DISC AREA 1,670 sq. ft. (projected)
 ROTOR DIA. 35' - 0"

LENGTH 31' - 10"
 HEIGHT 12' - 6"

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

STATUS
First Flight- - - - - August 1950 Service Use to Start- - - - - November 1950

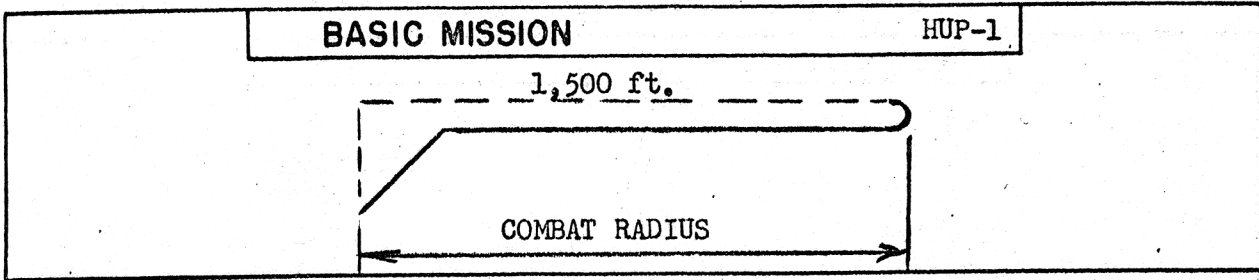
ENGINES
1 Continental R-975-34
T.O. 525/2,300/2,200'
NORM. 500/2,500/6,700'
ALT. 500/2,100/S.I.

FEATURES
Crew - 3
Passengers - 4
Litters - 2
Folding Rotor Blades
IFF Equipment
100 gal. fuel, maximum capacity

ARMAMENT
- - - - - None - - - - -
Hoist Capacity 400 lbs
Rescue Hatch 48" x 26"

NAVAER 1519 A (REV. 1-49)

CHARACTERISTICS SUMMARY



PERFORMANCE		
MAX. ENDURANCE	COMBAT RANGE	COMBAT RADIUS
3.3 hours 56 knots avg. 1,500 ft. alt.	195 naut. mi. 75 knots avg. 2.6 hours 1,500 ft. alt.	80 naut. mi. 70 knots avg. 1,500 alt
		COMBAT SPEED
		104 knots at 1,500 ft., Maximum Power
CLIMB	CEILING	MAXIMUM SPEED
1,250 ft./min. (forward flight) Sea Level, T. O. wt. Normal Power	13,200 ft. (forward flight) 100 ft./min., T. O. wt. Normal Power	105 knots at 3,800 ft. Maximum Power
850 ft./min. (vertical) Sea Level, T.O. Wt. T.O. Power	4,300 ft. Absolute Hover ceiling T.O. Wt. Normal Power	TAKE OFF
		Vertical
LOAD	WEIGHTS	
Fuel 81 gal. fixed 81 drop - - Pay Load 200 lbs.	Empty 4,214 lbs. Combat lbs. Take-off 5,450 lbs.	

NOTES

Performance is based on flight test of HUP-1 helicopter. Combat range and maximum endurance are quoted at optimum RPM. Fuel consumption for range and endurance is based on flight test fuel consumption data increased 5% and allowing fuel for warm-up and take-off and a 10% fuel reserve.

All performance is out of ground effect.

NAVAER-1519B (Rev. 10-51)