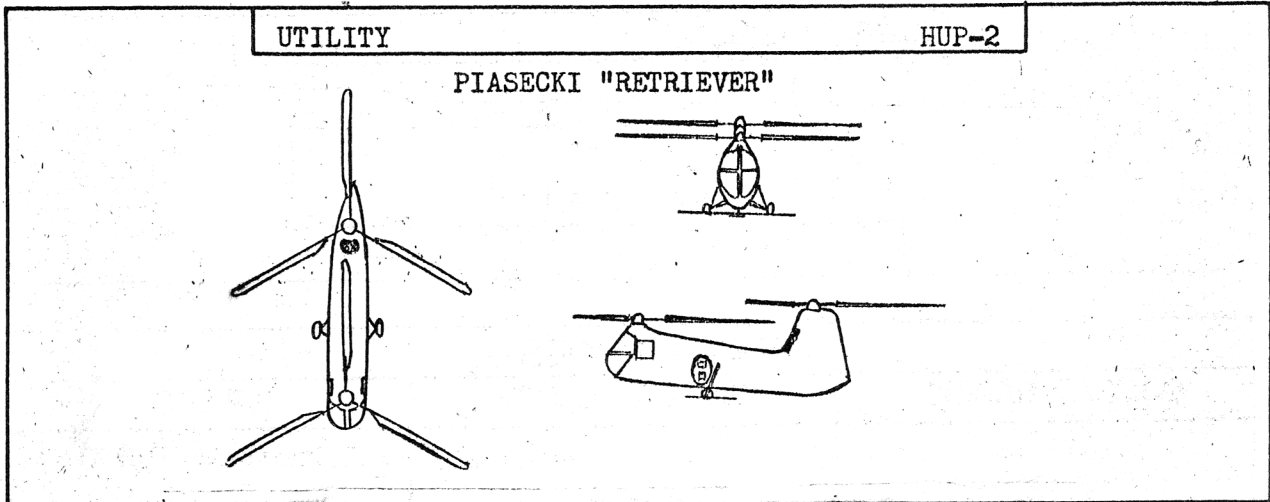


CHARACTERISTICS SUMMARY



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

* LENGTH 31' - 10"
 * HEIGHT 13' - 2.3"
 * Blades folded

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

STATUS	
First flight	----- November 1951
Service use	----- February 1952

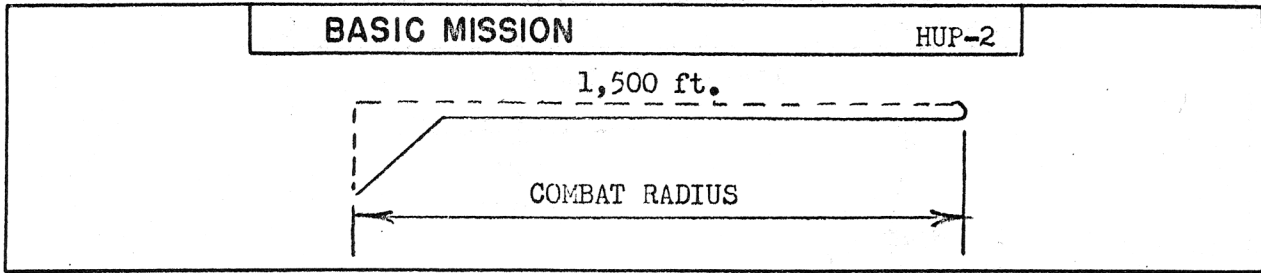
ENGINES			
1 Continental R-975-46			
	<u>BHP</u>	<u>RPM</u>	<u>ALT.</u>
T.O.	550	2400	S.L.
NORM.	525	2500	6800'

FEATURES
48" x 26" rescue hatch 1 - 400# capacity hoist Folding rotor blades
150 gal. fuel Max. capacity

ACCOMMODATIONS
<u>Search & Rescue:</u>
Pilot & Hoist
Operator - 2
Passengers - 4
Pilot & Hoist
Operator - 2
Litters - 2
Attendant - 1

NAVAER 1519 A (REV. 1-49)

CHARACTERISTICS SUMMARY



PERFORMANCE		
COMBAT RADIUS	COMBAT RANGE	SPEED
160 naut. mi. 75 knots avg.	340 naut. mi. 81 knots avg.	102 knots at 1,500 ft. knots at ft.
MAXIMUM ENDURANCE	4.2 hours	knots at ft.
4.8 hours 58 knots avg. Sea level	1,500 ft. alt.	Take-Off Weight Maximum Power
CLIMB	CEILING	TAKE OFF
1210 ft./min. (forward flight) Sea Level, T. O. wt. Normal Power	12,160 ft. 100 ft./min., T. O. wt. Normal Power	Vertical
600 ft./min. vertical Sea Level, T.O. wt. T.O. power	5,950 ft. Absolute Hover Ceiling T.O. WT. Normal Power	
LOAD	WEIGHTS	
Fuel 146 gal. fixed 146 drop 0	Empty 4,300 lbs. Combat lbs. Take-off 5,750 lbs.	

NOTES

Performance is based upon NATC flight test evaluation of HUP-2 helicopter. Combat range and endurance are quoted at optimum RPM. Fuel consumption for range & endurance is based on engine specification fuel consumption increased 5% and allowing fuel for warm-up & take-off and a 10% fuel reserve. All Performance is out of ground effect. Reason for reissue: Recent flight test data.

NAVAER-1519B (Rev. 10-51)