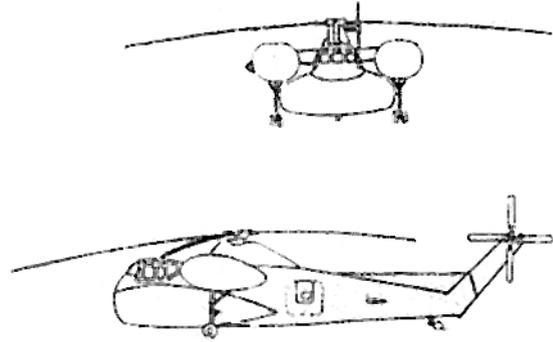
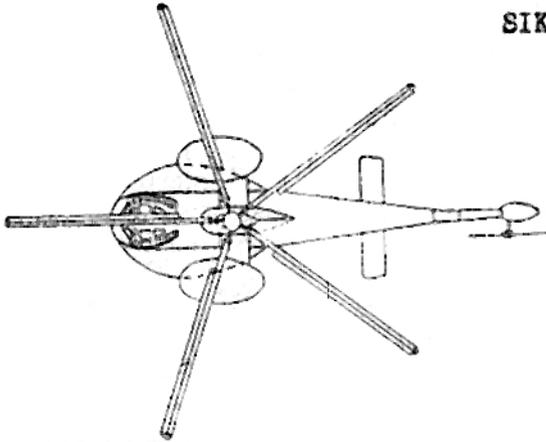


CHARACTERISTICS SUMMARY

AEW HELICOPTER

HR2S-1W

SIKORSKY



DISC AREA 4,071.5 Sq.Ft.

*LENGTH 55' - 10"

ROTOR DIA. 72' - 0"

*Blades & Pylon Folded

HEIGHT 17' - 0"

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

STATUS

First Flight November 1956
 Est. Service Use NONE

ENGINES

(2) P&W R-2800-50

	BHP	RPM	ALT
T.O.	2100	2700	7000'
NORM.	1900	2600	7000'

FEATURES

Twin Engine
 Main Rotor Blades and
 Tail Pylon Fold
 Radome Below
 Forward Flight Deck

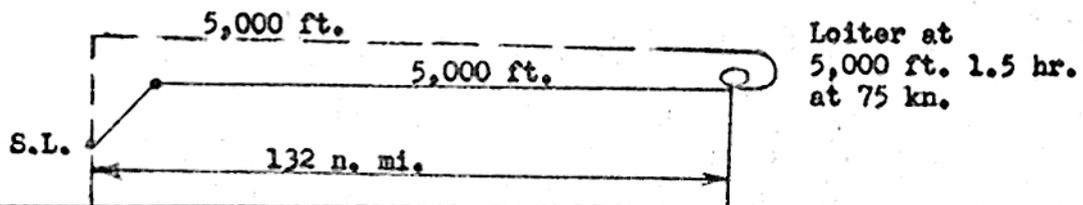
ARMAMENT

NONE

ACCOMMODATIONS

CREW - 4
 1 Pilot
 1 CoPilot
 2 Equipment Operators

CHARACTERISTICS SUMMARY

BASIC MISSION
HR2S-1W


PERFORMANCE

ENDURANCE	RADIUS	SPEED
hours	132 naut. mi.	103 knots at S.L.
knots avg.	98 knots avg.	knots at ft.
ft. alt.	5,000 ft. alt. * 4.0 hr. *Mission Time or Endurance	Normal Gross Weight Normal Rated Power
FORWARD FLIGHT CLIMB	SERVICE CEILING	HOVERING CEILING
1,370 ft./min. Sea Level, N. G. Wt., Take-Off Power	8,000 ft. 100 ft./min., N. G. Wt., Normal Rated Power	2,300 ft. N. G. Wt., T.O. Power out of ground effect
		-- ft. N. G. Wt., Power in ground effect
LOAD	WEIGHTS	VERTICAL CLIMB
Fuel 1,000 gal.	Empty 22,008 lbs.	780 ft./min.
Internal 1,000 gal.	Normal Gross 29,533 lbs.	Sea Level, N. G. Wt., Take-off Power
External -- gal.	Overload 30,500 lbs.	
Payload 1,525 lbs.		

NOTES

PERFORMANCE BASIS: BuAer preliminary estimates.
RADIUS is based on NATC Flight Test fuel consumption data on HR2S-1.