

Naval Helicopters

In basic organization and concept this table generally follows the table on combat aircraft (Appendix 6); the major difference is that these tables include practically all helicopters with which the Navy has operated. Because of the helicopter's capability for tethered flight and low altitude free flight, first flight data was not always available and was sometimes of uncertain meaning. Because of this, first acceptance was used as being somewhat analogous to first flight of a fixed wing air-

craft. Service history data is somewhat broader than for fixed wing aircraft. To accommodate the broader scope of models covered, assignment to experimental squadrons (VX) is reported for models that were not later assigned to operational units. Marine Helicopter Experimental Squadron (HMX) is considered to be an operational squadron. The descriptive data is generally self-explanatory. For explanation of engine nomenclature, see discussion of combat aircraft.



A jeep is loaded aboard an HR2S-1 (H-37) for transportation ashore from the carrier, USN-1046883.

Naval Helicopter Data

<i>Aircraft Designation</i>	<i>Date First Aircraft Contract</i>	<i>Date First Acceptance</i>	<i>Date Final Acceptance</i>	<i>Number Accepted</i>	<i>Manufacturer</i>	<i>Models Accepted</i>	<i>Squadron Delivery</i>	<i>Last Reported in Squadron or * Inventory</i>	<i>Description</i>
DSN	(Redesignated QH-50, see H-50)								
H-1	6/14/62	2/64		1299	Bell	AH-1G, -1J, -1S, -1T; -1W; HH-1K; TH-1E, -1L; UH-1D, -1E, -1L, -1N.	3/64 VMO-1		Rotor 44'D & tail rotor; observation; one crew; 4 pass., LY T43, 1,150 hp.
H-2	(See HU2K for data)								
H-3	(See HSS-2 for data)								
H-12	(See HTE for data)								
H-13	(See HTL for data)								
H-19	(See HRS-3 and HO4S-3 for data)								
H-23	(See HTE for data)								
H-25	(See HUP-2 for data)								
H-34	(See HUS and HSS-1 for data)								
H-37	(See HR2S for data)								
H-43	(See HUK and HOK for data)								
H-46	9/29/61	5/62	01/31/77	677	Boeing	HRB-1/CH-46A, -46D, -46F; UH-46A, -46D.	6/64 HMM-265		Tandem rotors, 50'D; assault transport; 3 crew; 17 passenger; 2 GE T58, 1,250 hp.
H-50	12/31/58	3/60	10/20/69	633 (1)	Gyrodyne	DSN-1, -3; QH-50C, -50D.	1/23/63 Buck (DD 761)	1/31/71 QH-50C/D	Coaxial rotors, 20'D; ASW drone; BO T50, 300 hp in QH-50C.
H-53	2/7/63	5/64		733	Sikorsky	CH-53A, -53D, -53E; HH-53B, -53C; RH-53D; MH-53E.	11/2/66 HMH-463		Rotor 72'D and tail rotor; assault transport; 38 passenger or 4 ton; 2 GE T64, 2,850 hp.
H-57	1968	10/10/68		140	Bell	TH-57A, -57B, -57C.	11/10/68 HT-8		Trainer; 5 place; rotor 33'4" D and tail rotor 5'5"; -57C powered by 1 Allison 250-C-20J gas turbine, 317 shp.
H-60	2/78	3/31/80		1010	Sikorsky	SH-60B, -60F; HH-60A, -60S, -60J, -60H; UH-60A; VH-60A.	9/28/83 HSL-41		LAMPS MK III, ASW. Rotor 53' 7" D and tail rotor. 3 crew. 2 GE-401T700, 1,284 hp each.

HJP	(XHJP-1 was prototype for HUP-1)								
HNS	2/20/43	10/43	12/44	68	Sikorsky	HNS-1	11/43 NAS New York	12/31/47 VX-3, HNS-1	Rotor 38'D plus tail rotor; 1st USN helo. WR R-550, 200 hp.
HOK (H-43**)	6/26/50	4/53	12/57	83	Kaman	HOK-1	4/12/56 VMO-1	5/31/65 VMO-2, OH-43D	Side by side rotors, 47'D; utility, 2 place; CO R-975, 525 hp.
HOS	3/20/43	9/44	1/46	3	Sikorsky	XHOS-1	10/44 NAS New York	1/31/48 VX-3, HOS-1	Rotor 38'D and tail rotor; utility, 2-place; FR O-435, 235 hp.
				102	Nash-Kel	HOS-1			
H02S	6/22/43	12/45	12/45	44	Sikorsky	H02S-1	2/46 NAS New York	5/31/46 CGAS Eliz. City, H02S-1	Rotor 48'D and tail rotor; utility and rescue; 2 crew, 2 passenger; P&W R-985, 450 hp.
H03S	9/27/46	11/46	1/50	92	Sikorsky	H03S-1	12/47 VU-7	11/30/54 HU-1, H04S-3	Rotor 48'D and tail rotor; utility, 4-place; P&W R-985, 450 hp.
H04S-3 (H-19**)	4/28/50	8/50	1/58	129	Sikorsky	H04S-1, -2, -3, -3G.	12/27/50 HU-2	12/31/60 HU-4, H04S-3	Rotor 53'D and tail rotor; ASW, observation and rescue; crew 2 or 3. P&W R-1340, 600 hp; WAC R-1300, 800 hp in -3.
H05S	6/30/50	2/52	2/53	79	Sikorsky	H05S-1	7/1/52 VMO-1	6/30/57 VMO-1, H05S-1	Rotor 33'D and tail rotor; observation, liaison and utility; 5 place; ACM O-425, 245 hp.
HRB	(Initial designation for H-46)								
HRP	2/1/44	6/47	12/50	82	Piasecki	XHRP-1; HRP-1, -2.	4/48 HU-2	2/28/53 HS-3, HRP-1	Tandem rotors 41'D; 1st tandem conf; 2 crew, 8 passenger, P&W R-1340, 600 hp.
HRS-3 (H-19**)	8/2/50	3/51	11/57	271	Sikorsky	HRS-1, -2, -3	4/7/51 HMR-161	2/28/69 HC-5, CH-19E	Rotor 53'D and tail rotor; assault transport; 2 crew, 10 passenger; P&W R-1340, 600 to 800 hp.
HR2S (H-37**)	5/9/51	10/53	2/59	59	Sikorsky	HR2S-1, -1W	3/20/57 HMR(M) -461	3/31/66 HMH-462 CH-37C	Rotor 72'D and tail rotors; assault transport; 2 crew, 20 passenger; 2 P&W R-2800, 2,100 hp.
HSL	6/28/50	10/53	10/56	51	Bell	XHSL-1; HSL-1.		9/59	Tandem rotors, 51'6"D; ASW search or attack; 2 or 3 crew; P&W R-2800, 1,900 hp.

HSS-1 (H-34**)	6/30/52	2/54	4/66	385	Sikorsky	XHSS-1, HSS-1, SH-34J.	8/55 HS-3	3/31/74 UH-34D	Rotor 56'D and tail rotor; ASW; 2 to 4 crew; WAC R-1820, 1,525 hp.
HSS-2 (H-3**)	12/24/57	3/59	11/26/75	396	Sikorsky	HSS-2/SH-3A, SH-3D, HSS-2Z/ VH-3A; CH-3B, -3E.	6/61	5/96	Rotor 59'D and tail rotor; all weather ASW; "sea-worthy hull"; 4 crew, 2 GE T58, 1,050 hp.
HTE (H-12/ H-23**)	4/17/50	5/50	8/63	108	Hiller	UH-12A; HTE-1, -2.	1/19/51 HTU-1	10/31/52 HTU-1, HTE-2	Rotor 35'D and tail rotor; training and utility, 3 place; FR O-335, 200 hp in HTE-2.
HTK	9/5/50	11/51	10/53	29	Kaman	HTK-1	1/28/53 HU-2	11/31/55 HU-2, HTK	Side by side rotors, 40'D; trainer and general utility, 3 place; LY O-435, 255 hp.
HTL (H-13**)	6/20/46	2/47	7/59	187	Bell	HTL-1, -2, -3, -4, -5, -6, -7.	4/48 HU-2	6/30/73 UH-13P	Rotor 35'D and tail rotor; trainer and general utility; 2 or 3 place; ACM O-325, 178-200 hp, LY O-435, 240 hp in -7.
HU	(Redesignated H-1)								
HUK (H-43**)	12/27/56	5/58	12/58	24	Kaman	HUK-1	8/1/58 HU-2	4/30/65 VMO-2, UH-43C	Side by side rotors, 50'D; cargo and rescue; 2 crew, 3 passenger; P&W R-1340, 600 hp.
HU2K (H-2**)	11/29/57	4/59	4/28/93	256	Kaman	HU2K-1/UH-2A, -2B; SH-2F, -2B.	12/18/62 HU-2	6/94	Rotor 44'D and tail rotor; 2 crew, 4 passenger; GE T58, 1,050 hp; tandem engines prototyped in a -2B.
HUL (H-13**)	4/2/55	11/55	3/59	30	Bell	HUL-1, -1G	1/7/57 HU-2	6/30/73 UH-13P	Rotor 37'D and tail rotor; transport and utility; 1 crew, 3 passenger, LY O-435, 240 hp.
HUP-2 (H-25**)	2/8/46	1/49	6/54	476	Piasecki	XHJP-1; HUP-1, -2, -2S; H-25A.	1/11/51 HU-2	8/31/64 VU-1, HU-1, UH-25B	Tandem rotors, 35'D; ASW and utility; 3 crew, 4 passenger, CO R-975, 550 hp.
HUS (H-34**)	10/15/54	1/57	12/30/68	549	Sikorsky	HUS-1/UH-34D; HUS-1A, -1G, -1Z; CH-34A, -34C.	2/5/57 HMR(L) -363	3/31/74 UH-34D	Rotor 56'D and tail rotor; cargo transport; 2 crew, 12 passenger or 2 ton of cargo; WAC R-1820, 1,525 hp.
K-225	9/26/49	3/50	6/50	3	Kaman	K-225 (K-5)	6/20/50 NAS Patuxent River	5/55	Side by side rotors 40'D; LY O-435, 225 hp. K-5 was first turbine powered helo; BO-502 turbine, 175 hp.

R-4 (HNS-1 obtained from Army, YR-4 and YR-4B; Sikorsky model VS-316A)

R-5 (HO2S obtained from Army)

R-6 (HOS-1 obtained from Army, R-7A and B)

* Dates in this column through 1969 refer to squadrons. After 1969, these dates refer to inventory.

** This is the new designation assigned the helicopter in 1962.