

SIKORSKY H-34 CHOCTAW

H-34 SERVICE

Manufacturer: Sikorsky Aircraft Division, United Aircraft Corp.,
Bridgeport, Connecticut, USA

Model: S-58

Designations: H-34; HSS, HUS, CH-126 (CAF)

Names: Choctaw; Seabat (HSS), Seahorse (HUS),
Wessex (RAF / Royal Navy)

First official flight: XHSS-1 08 Mar 1954

Factory production period: 1953 – 1970

Primary service period: 1955 – 1970s

Last official flight: - -

H-34 VARIANTS

1954	Model S-58	XHSS-1	4	Total: 0004
1954	Model S-58A	HSS-1	251	
1958	Model S-58A	HSS-1N	173	Total: 0424
1954	Model S-58A	H-34A	557	
1964	Model S-58	CH-34C	21	Total: 0578
1955	Model S-58	HUS-1	629	
1958	Model S-58	HUS-1G	6	Total: 0635
1957	Model S-58	H-34G.I	26	
1959	Model S-58	H-34G.II	25	
1963	Model S-58	H-34G.III	89	Total: 0140
1955	Model S-58B	S-58B	22	
1956	Model S-58C	S-58C	17	
1964	Model S-58D	S-58D	1	Total: 0040
				<u>Total: 1821</u>
	<i>Foreign built – England:</i>			
1958	Model WS-58	Wessex Series	378	Total: 0378
	<i>Foreign built – France:</i>			
1956	Model S-58	H-34A	98	
1956	Model S-58	HSS-1	37	Total: 0135
				<u>Total: 0513</u>
				<u>Grand Total: 2334</u>

H-34 PRODUCTION

Military Helicopters

XHSS-1

Prototype single-engined, 4-bladed rotor, ASW helicopter for US Navy. Later to YHSS-1 then first 3 to H-34A for France. produced 1953 – 1954

Sikorsky Stratford, Connecticut (S)

BuNo. 134667 / 134670 58-1X / 58-4X

4 **Total: 0004**

HSS-1

As XHSS-1, production version.

107 later upgraded to HSS-1N.

produced

Sikorsky Stratford, Connecticut (S)

BuNo. 137849 / 137858 58-005 / 58-014

BuNo. 138460 / 138473 *mixed 58-128 to 58-164*

BuNo. 138474 / 138493 *mixed 58-016 to 58-062*

BuNo. 139017 / 139029 *mixed 58-063 to 58-127*

BuNo. 140121 / 140139 *mixed 58-165 to 58-204*

BuNo. 141571 / 141590 *mixed 58-205 to 58-244*

BuNo. 141591 58-245N

BuNo. 141592 / 141602 *mixed 58-246 to 58-265*

- BuNo. 141602 to RN as Wessex

prototype, XL722.

BuNo. 141602 58-444

- Reassigned from c/n: 58-265.

BuNo. 143864 / 143960 *mixed 58-450 to 58-768*

- 3 to Italy as MM143899, MM143940, MM143949.

BuNo. 145660 / 145669 *mixed 58-776 to 58-824* 216

(Argentina – Navy)

0407 58-611 1

(Japan – JMSDF)

8551 / 8558 *mixed 58-808 to 58-1249* 8

Foreign assembled – France:

Sud-Aviation (SNCASE), Toulouse, France

(France – Navy)

mixed 445 to 1376 mixed SKY-445 to 1376

mixed 922 to 1007 mixed SKY-922 to 1007 26 **Total: 0251**

(new c/n: SA.39 / SA.50)

HSS-1N

As HSS-1, night / bad weather version,

additional avionics. Later batches

delivered as SH-34J. 107 also

upgraded from HSS-1.

produced 1958 – 1966

Sikorsky Stratford, Connecticut (S)

BuNo. 145670 / 145712 *mixed 58-853 to 58-1069*

BuNo. 147631 / 147635 *mixed 58-1145 to 58-1160*

- 5 to The Netherlands as 141 / 145.

BuNo. 147984 / 148032 *mixed 58-1177 to 58-1300*

BuNo. 148934 / 148963	<i>mixed 58-1301 to 58-1366</i>	
BuNo. 149082, 149083	58-1394, 58-1395	
<i>- 2 to Italy as MM149082, MM149083.</i>		
BuNo. 149084 / 149087	<i>mixed 58-1404 to 58-1418</i>	
BuNo. 149131 / 149133	58-1373 / 58-1375	
<i>- 3 to The Netherlands as 138 / 140.</i>		
BuNo. 149840 / 149842	<i>mixed 58-1429 to 58-1442</i>	
<i>- 1 to Chile as N-51.</i>		
<i>- 2 to The Netherlands as 136, 137.</i>		
BuNo. 150730	58-1623	
<i>- 1 to Chile as N-52.</i>		
BuNo. 150821, 150822	58-1666, 58-1667	
<i>- 2 to Italy as MM150821, MM150822.</i>		
BuNo. 151729 / 151731	<i>mixed 58-1590 to 58-1619</i>	
<i>- 3 to West Germany as 82+01 / 82+03.</i>		
BuNo. 152380, 152381	58-1733, 58-1737	
<i>- 2 to West Germany as 82+04, 82+05.</i>		
BuNo. 153617 / 153622	58-1770 / 58-1775	153
<i>- 6 to Italy as MM153617 / MM153622.</i>		
<i>(Italy)</i>		
MM80163, MM80164	58-990, 58-991	
MM80237	58-1260	3
<i>(The Netherlands)</i>		
134, 135	58-1597, 58-1611	2
(USAF) 60-5424 / 60-5429	<i>mixed 58-1293 to 58-1309</i>	6
<i>- 6 to Brazil as 8550 / 8555.</i>		
<i>Foreign assembled – Japan:</i>		
Mitsubishi Heavy Industries Ltd.,		
Nagoya, Japan		
(JMSDF) 8561 / 8569	<i>mixed 58-1333 to 58-1543</i>	9
		Total: 0173

H-34A

As HSS-1, transport / utility version for US Army. 21 HUS-1 also transferred. 12 to Nicaragua as FAN-516 / FAN-527. produced 1954 – 1958

Sikorsky Stratford, Connecticut (SI)

53-4475 / 53-4554	<i>mixed 58-015 to 58-116</i>	
54-882 / 54-937	<i>mixed 58-129 to 58-240</i>	
54-2860 / 54-2914	<i>mixed 58-241 to 58-321</i>	
54-2995 / 54-3050	<i>mixed 58-322 to 58-415</i>	
55-4462 / 55-4504	<i>mixed 58-416 to 58-575</i>	
56-4284 / 56-4342	<i>mixed 58-616 to 58-774</i>	
57-1684 / 57-1770	<i>mixed 58-790 to 58-1029</i>	
58-1721	58-1034	437
(RCAF) 9630 / 9635	<i>mixed 58-160 to 58-245</i>	6
<i>Foreign assembled – France:</i>		
Sud-Aviation (SNCASE), Toulouse, France		
<i>mixed 248 to 1130</i>	<i>mixed SKY-248 to 1130</i>	
<i>mixed 435 to 832</i>	<i>mixed SKY-500 to 832</i>	114
		Total: 0557
		<i>(new c/n: SA.1 / SA.38)</i>

CH-34C

As H-34A, various improvements,
all to South Vietnam under MDAP.
produced 1964

Sikorsky Stratford, Connecticut (SI)

63-13190 / 63-13210 *mixed 58-1738 to 58-1760* 21 **Total: 0021**

HUS-1

As HSS-1, transport / utility version
for USMC. Later batches delivered
as **UH-34D**. 21 to US Army as **H-34A**,
55-5241 / 55-5261.

produced

Sikorsky Stratford, Connecticut (S)

BuNo. 143961 / 143983 *mixed 58-457 to 58-516*

BuNo. 144630 / 144662 *mixed 58-510 to 58-614*

BuNo. 145713 / 145812 *mixed 58-712 to 58-1052*

BuNo. 147147 / 147201 *mixed 58-1054 to 58-1164*

BuNo. 148053 / 148122 *mixed 58-1165 to 58-1273*

BuNo. 148753 / 148822 *mixed 58-1281 to 58-1412*

BuNo. 149318 / 149402 *mixed 58-1413 to 58-1509*

BuNo. 150195 / 150264 *mixed 58-1510 to 58-1675*

BuNo. 150552 / 150580 *mixed 58-1676 to 58-1711*

BuNo. 150691 58-1411

- 1 to Indonesia as **HUS-1Z**, H-251.

BuNo. 150717 / 150729 *mixed 58-1712 to 58-1725*

BuNo. 152686 58-1761

BuNo. 153116 / 153133 *mixed 58-1762 to 58-1788*

BuNo. 153556 / 153558 58-1778 / 58-1780

BuNo. 153695 / 153704 58-1789 / 58-1798

BuNo. 154889 / 154902 58-1799 / 58-1812

BuNo. 156592 / 156598 58-1814 / 58-1820 602

(Japan) JA7201, JA7202 58-945, 58-946 2

(Russia, both as **HUS-1Z**)

CCCP-27491, -27492 58-1241, 58-1242 2

(USAF)

63-8248 / 63-8259 *mixed 58-1615 to 58-1714*

63-13006 / 63-13014 *mixed 58-1726 to 58-1736*

63-13139, 63-13140 58-1744, 58-1747 23 **Total: 0629**

25 additional airframes cancelled.

1 (BuNo. 154045) airframe cancelled.

HUS-1G

As HUS-1, version for USCG.

produced 1958

Sikorsky Stratford, Connecticut (S)

(USCG) 1332 / 1336 *mixed 58-985 to 58-1063*

(USCG) 1343 58-1068 6 **Total: 0006**

H-34G.I / .II / .III

*Version for West Germany. .I (H-34A),
.II (H-34B), .III (HSS-1N / H-34C).
produced 1957 – 1965*

Sikorsky Stratford, Connecticut (SI)

H-34G.I

(West Germany s/n) *mixed 58-532 to 58-883* 26

H-34G.II

(West Germany s/n) 58-1089 / 58-1112
(West Germany s/n) 58-1135 25

H-34G.III

*Assigned BuNo. 150733 / 150819,
152188, 155290.*

(West Germany s/n) *mixed 58-1458 to 58-1813* 65

(Israel s/n) *mixed 58-1549 to 58-1657* 24

Total: 0140

Civil Helicopters

S-58B

*Commercial utility version of H-34A.
1 (c/n: 58-387) converted from S-58.
produced 1955 – 1958*

Sikorsky Stratford, Connecticut

civil reg. mixed 58-140 to 58-1167 22 **Total: 0022**

S-58C

*Commercial passenger version,
more windows and seating. 7
to Belgium military as B9 / B15.
produced 1956 – 1958*

Sikorsky Stratford, Connecticut

civil reg. mixed 58-310 to 58-836 17 **Total: 0017**

S-58D

*Commercial utility version of H-34A.
Additional ex-military conversions.
produced 1964*

Sikorsky Stratford, Connecticut

(Canada) CF-OKB 58-1573 1 **Total: 0001**

Total: 1821

Foreign built – England:

Wessex Series

*Military version of the S-58. Became
Westland Helicopters Ltd. in 1961.
produced 1958 – 1971*

Westland Aircraft Ltd., Yeovil,
Somerset, England

Wessex HAS.Mk. 1

*1958, Royal Navy ASW version.
2 later to HC.Mk. 2, 42 later to HAS.Mk. 3.*

(RN) XL727 / XL729 WA001 / WA003

(RN) XM299 / XM301 WA004 / WA006

(RN) XM326 / XM331 WA007 / WA012

(RN) XM832 / XM845	WA013 / WA026	
(RN) XM868 / XM876	WA027 / WA035	
(RN) XM915 / XM931	WA036 / WA052	
(RN) XP103 / XP118	WA054 / WA069	
(RN) XP137 / XP160	WA070 / WA093	
(RN) XS115 / XS128	WA094 / WA107	
(RN) XS149 / XS154	WA108 / WA113	
(RN) XS862 / XS889	WA242 / WA269	140
<i>7 additional airframes cancelled.</i>		
Wessex HC.Mk. 2		
<i>1963, RAF transport version, engine upgrade.</i>		
(RAF) XR497 / XR511	WA122 / WA136	
(RAF) XR515 / XR529	WA137 / WA151	
(RAF) XR588	WA121	
(RAF) XS674 / XS679	WA193 / WA198	
(RAF) XT601 / XT607	WA528 / WA534	
(RAF) XT667 / XT681	WA535 / WA549	
(RAF) XV719 / XV731	WA614 / WA626	72
Wessex HAS.Mk. 3		
<i>1964, Royal Navy prototype ASW version, engine / avionics upgrade.</i>		
(RN) XT255 / XT257	WA239 / WA241	3
Wessex HCC.Mk. 4		
<i>1969, VIP version for Queen's Flight.</i>		
(RAF) XV732, XV733	WA627, WA628	2
Wessex HU.Mk. 5		
<i>1963, Royal Navy armed assault version.</i>		
(RN) XS241	WA152	
(RN) XS479 / XS500	WA153 / WA174	
(RN) XS506 / XS523	WA175 / WA192	
(RN) XT448 / XT487	WA270 / WA309	
(RN) XT755 / XT767	WA477 / WA489	
(RN) XT768 / XT774	WA550 / WA556	101
Wessex HAS.Mk. 31A		
<i>1962, HAS.Mk. 1 version for Australia, engine upgrade. 23 later upgraded as the Mk. 31B.</i>		
(RAN) N7-200 / N7-226	WA200 / WA226	27
Wessex Mk. 52		
<i>1964, HC.Mk. 2 version for Iraq.</i>		
(Iraq) 588 / 599	WA227 / WA238	12
Wessex Mk. 53		
<i>1966, HC.Mk. 2 version for Ghana.</i>		
(Ghana) 9G-630, 9G-631	WA503, WA504	2
Wessex Mk. 54		
<i>1966, HC.Mk. 2 version for Brunei.</i>		
(Brunei)		
AMDB-101, AMDB-106	WA695, WA563	2
Wessex Mk. 60		
<i>1958, HC.Mk. 2 commercial version.</i>		
civil reg.	mixed WA053 to WA742	17
		Total: 0378

Foreign built – France:

H-34A

H-34A version for French Air Force.

produced

Sud-Aviation (SNCASE), Toulouse, France

(France) 51 / 118 SA.51 / SA.118

(France) 151 / 180 SA.151 / SA.180

98 **Total: 0098**

HSS-1

HSS-1 version for French Navy.

produced

Sud-Aviation (SNCASE), Toulouse, France

(France) 119 / 144 SA.119 / SA.144

(France) *mixed* 147 to 183 *mixed* SA.147 to SA.183

32

(Belgium) B4 / B8 *mixed* SA.145 to SA.185

5

Total: 0037

Total: 0513

H-34 CONVERSIONS & TRANSFERS

Military Conversions

US Navy / USMC

HSS-1F 1 HSS-1, 1957-1962, prototype with twin turbine engine upgrade.

YHSS-1N 1 HSS-1 (BuNo. 143957), prototype to the HSS-1N.

HSS-1Z 1+ HSS-1, VIP interiors for US Presidential duties.

HUS-1A 40 HUS-1, conversions with amphibious pontoons.

(HUS-1AN) 3 HUS-1A, night flying upgrades.

(HUS-1L) 7 HUS-1A, conversions for Antarctic operations.

HUS-1Z 7 HUS-1, 1960-1962, VIP interiors for US Presidential duties.
Additional 2 for Russia and 1 for Indonesia as new-builds.

US Army

JH-34A 1 H-34A, temporary conversion for armament tests.

VH-34A 4 H-34A, 1958, VIP interiors for US Presidential duties.

(VH-34C) 4 VH-34A, avionics upgrades to "C" standard.

H-34B 1+ H-34A, 1960, minor improvements.

H-34C 190+ H-34A / H-34B, 1961, further improvements.

(JH-34C) 1+ H-34C, temporary conversions for tests.

USAF / US Army / US Navy (1962 redesignations)

CH-34A 1+ 1962, US Army redesignation of the H-34A.

CH-34B 1+ 1962, US Army redesignation of the H-34B.

CH-34C 190+ 1962, US Army redesignation of the H-34C.
21 also new-built for South Vietnam.

UH-34D 1+ 1962, USMC redesignation of the HUS-1.

(HH-34D) 10 UH-34D, transfers to USAF for MDAP supply.
Assigned s/n: 60-6913, 60-6923, 61-4488 / 61-4491,
61-4529, 63-7972 / 63-7974.

(OH-34D) 1+ UH-34D, unofficial designation for observation role.

LH-34D 7 1962, USMC redesignation of the HUS-1L.

VH-34D 7 1962, USMC redesignation of the HUS-1Z.

UH-34E 40 1962, USMC redesignation of the HUS-1A.

HH-34F	6	1962, USCG redesignation of the HUS-1G.
YSH-34G	1	1962, US Navy redesignation of YHSS-1 (BuNo. 134670).
SH-34G	1+	1962, US Navy redesignation of the HSS-1.
(UH-34G)	1+	SH-34G, utility conversions, ASW equipment removed.
VH-34G	1+	1962, US Navy redesignation of the HSS-1Z.
SH-34H	1	1962, US Navy redesignation of the HSS-1F.
YSH-34J	1	1962, US Navy redesignation of the YHSS-1N.
SH-34J	1+	1962, US Navy redesignation of the HSS-1N.
(HH-34J)	14	SH-34J, transfers to USAF as SAR helicopters, BuNo.'s retained.
(UH-34J)	1+	SH-34J, utility conversions, ASW equipment removed.

Foreign Conversions

Wessex HAR.Mk. 2

18 HC.Mk. 2, 1976, SAR conversions for the RAF.

Wessex HU.Mk. 5C

4 HU.Mk. 5, 1985, transfers to the RAF.

CH-126

6 RCAF H-34A, 1968-1972, CAF redesignation of earlier deliveries.

Civil Conversions

S-58E / F / G / H / J

30+ military H-34, 1970, various grades of civil conversion. Known distribution:
S-58E (23), **F** (2), **G** (0), **H** (1), **J** (4).

S-58T

102+ H-34 / S-58 airframes, 1970, twin-turboshaft conversion for civil applications. Conversions initially by Sikorsky (as refit kits) then by California Helicopter International who purchased all rights in 1981. Variations include the:
S-58BT (5), **DT** (2), **ET** (52), **FT** (0), **HT** (0) and **JT** (4). Military conversions designated as **H-34T** for Argentina (2), Costa Rica (2), Haiti (2), Indonesia (13), Nicaragua (2) and Thailand (18).

FOREIGN MILITARY / CIVILIAN SERVICE

- *The H-34 served with many air forces, armies and navies worldwide from the 1950's up to the 1990s.*
- *Large civil market sales for various commercial heavy-lift duties.*