

# **BOEING-VERTOL CH-46 SEA KNIGHT**

## **CH-46 SERVICE**

**Manufacturer:** 1955: Piasecki Helicopter Corp., Morton, Pennsylvania, USA  
(In 1956, became Vertol Aircraft Corp.)  
(In 1960, became Vertol Division, The Boeing Airplane Co., Philadelphia, Pennsylvania, USA)  
(In 1961, became Vertol Division, The Boeing Co.)  
(In 1972, became Boeing-Vertol Co., The Boeing Co.)  
(In 1987, became Boeing Helicopter Co., The Boeing Co.)

**Model:** 107

**Designations:** H-46 (CH-46); HC-1, HRB, CH-113 (Canada)

**Names:** Sea Knight; Labrador / Voyageur (CH-113)

**First official flight:** Model 107 22 Apr 1958  
YHC-1A 27 Aug 1959  
CH-46A 16 Oct 1962

**Factory production period:** 1957 – 1971  
1962 – 1990 (Foreign built)

**Primary service period:** 1964 – 2015

**Last official flight:** CH-46E 01 Aug 2015

## **CH-46 VARIANTS**

1958	<b>Model 107</b>	<b>Model 107</b>	1	
1960	<b>Model 107/II</b>	<b>Model 107/II</b>	17	<b>Total: 018</b>
1959	<b>Model 107</b>	<b>YHC-1A</b>	3	<b>Total: 003</b>
1962	<b>Model 107M</b>	<b>CH-46A</b>	161	
1964	<b>Model 107M</b>	<b>UH-46A</b>	14	
1966	<b>Model 107M</b>	<b>CH-46D</b>	266	
1966	<b>Model 107M</b>	<b>UH-46D</b>	10	
1968	<b>Model 107M</b>	<b>CH-46F</b>	174	<b>Total: 625</b>
1963	<b>Model 107/II-9</b>	<b>CH-113</b>	6	
1964	<b>Model 107/II-28</b>	<b>CH-113A</b>	12	<b>Total: 018</b>
1964	<b>Model 107/II-14</b>	<b>Hkp-4A</b>	10	
1966	<b>Model 107/II-15</b>	<b>Hkp-4B</b>	3	<b>Total: 013</b>
				<b><u>Total: 677</u></b>
	<i>Foreign built – Japan:</i>			
1962	<b>Model KV-107/II</b>	<b>KV-107/II Series</b>	150	<b><u>Total: 150</u></b>

## CH-46 PRODUCTION

### Civil Helicopters

#### **Model 107**

*Prototype twin-engined, tandem  
3-bladed rotor, passenger / cargo  
transport helicopter.*

*produced 1957 – 1958*

Vertol Morton, Pennsylvania

N74060

69-1X

1 **Total: 001**

#### **Model 107/II**

*As Model 107, civil version with  
engine upgrade. 10 to Japan in  
kitset form as **KV-107/II-2**, c/n:  
4000 / 4006, 4009 / 4011. 1 later  
to Sweden as **Hkp-4B**, 04064.*

*produced 1960 – 1964*

Boeing-Vertol Morton, Pennsylvania

#### **BV-107/II-1**

N6671D

1

1

#### **BV-107/II-2**

*civil reg.*

*mixed 2 to 202*

16 **Total: 017**

### Military Helicopters

#### **YHC-1A**

*As Model 107, prototype version for  
US Army, also tested by US Navy.*

*Developed into the **CH-47 Chinook**.*

*Redesignated as **YCH-46C** in 1962.*

*produced 1959 – 1960*

Boeing-Vertol Morton, Pennsylvania (BV)

58-5514 / 58-5516 413-1 / 413-3

3 **Total: 003**

*7 additional airframes cancelled.*

#### **CH-46A**

*As civil Model 107, assault transport  
for USMC. Tricycle undercarriage,  
engine upgrade, various improvements.*

*Original designation was **HRB-1**.*

*produced 1961 – 1966*

Boeing-Vertol Morton, Pennsylvania (BV)

BuNo. 150265 / 150278 *mixed 2001 to 2015*

1 static test airframe 2004

BuNo. 150933 / 150964 *mixed 2016 to 2050*

BuNo. 151906 / 151961 *mixed 2053 to 2111*

BuNo. 152496 / 152553 *mixed 2113 to 2175*

161 **Total: 161**

#### **UH-46A**

*As CH-46A, utility supply  
transport for US Navy.*

*produced 1964 – 1966*

Boeing-Vertol Morton, Pennsylvania (BV)

BuNo. 150965 / 150968 *mixed 2026 to 2051*

BuNo. 151902 / 151905	<i>mixed 2052 to 2067</i>		
BuNo. 152490 / 152495	<i>mixed 2112 to 2144</i>	14	<b>Total: 014</b>

*XCH-46B – 1962, proposed CH-46A development, cancelled.*

### **CH-46D**

*As CH-46A, engine / rotor upgrade for USMC. 12 CH-46A also upgraded to this standard.*

*produced 1966 – 1968*

Boeing-Vertol Morton, Pennsylvania (BV)

BuNo. 152554 / 152579 2176 / 2201

BuNo. 153314 / 153403 *mixed 2202 to 2301*

BuNo. 153951 / 154044 2302 / 2395

BuNo. 154789 / 154844 2396 / 2451 266 **Total: 266**

### **UH-46D**

*As CH-46D, utility supply transports for US Navy. 2 CH-46A also upgraded to this standard.*

*produced 1966 – 1967*

Boeing-Vertol Morton, Pennsylvania (BV)

BuNo. 153404 / 153413 *mixed 2223 to 2271* 10 **Total: 010**

### **CH-46F**

*As CH-46D, avionics / equipment upgrades for USMC.*

*produced 1968 – 1971*

Boeing-Vertol Morton, Pennsylvania (BV)

BuNo. 154845 / 154862 2452 / 2469

BuNo. 155301 / 155318 2470 / 2487

BuNo. 156418 / 156477 2488 / 2547

BuNo. 157649 / 157726 2548 / 2625 174 **Total: 174**

*30 additional airframes cancelled.*

### **CH-113 Labrador**

*As CH-46A, SAR version for RCAF. Re-serialled as (CAF) 11301 / 11306 in 1971.*

*produced 1962 – 1963*

Boeing-Vertol Morton, Pennsylvania

(RCAF) 10401 / 10406 301 / 306 6 **Total: 006**

### **CH-113A Voyageur**

*As CH-46A, version for Canadian Army. Re-serialled as (CAF) 11307 / 11318 in 1971.*

*produced 1964 – 1965*

Boeing-Vertol Morton, Pennsylvania

(Army) 10407 / 10418 4001 / 4012 12 **Total: 012**

### **Hkp-4A**

*As CH-46A, designation for Swedish Air Force.*

*produced 1964*

Boeing-Vertol Morton, Pennsylvania

(Sweden) 04451 / 04460 401 / 410 10 **Total: 010**

## Hkp-4B

As CH-46A, designation  
for Swedish Navy.  
produced 1966

Boeing-Vertol Morton, Pennsylvania  
(Sweden) 04061 / 04063 501 / 503

3 **Total: 003**

**Total: 677**

## Foreign built – Japan:

### Model KV-107/II Series

As Model 107, Japanese built  
version for both civil and military  
customers. 10 also delivered as  
kitsets from US as **KV-107/II-2**,  
c/n: 4000 / 4006, 4009 / 4011.  
produced 1962 – 1990

Kawasaki Heavy Industries Ltd., Gifu, Japan

#### **KV-107/II-3**

1963, JMSDF mine-sweeper.

(JMSDF) 8601, 8602 4007, 4008

2

#### **KV-107/II-4**

1966, JGSDF troop transport.

(JGSDF) 51701 / 51735 mixed 4015 to 4064

(JGSDF) 51737 / 51742 4070 / 4075

41

#### **KV-107/II-4A**

1971, JGSDF VIP version.

(JGSDF) 51736 4065

1

#### **KV-107/II-5**

1967, JASDF SAR version.

(JASDF)

74-4801, 74-4802 4027, 4028

84-4803 / 84-4806 mixed 4029 to 4038

94-4807 / 94-4810 mixed 4039 to 4048

04-4811 / 04-4814 mixed 4049 to 4058

14-4815 4059

15

#### **KV-107/II-7**

1963, Thai Government  
VIP version.

(Thailand) 4012 4012

1

#### **KV-107/II-16**

1972, Navy ASW version for  
Sweden, designated as **Hkp-4C**.

(Sweden) 04065 / 04072 4078 / 4084, 4093

8

#### **KV-107/IIA-2**

1963, 1980, improved  
civil transport.

JA9509, JA9508 4013, 4014

JA9555 4130

3

#### **KV-107/IIA-3**

1971, JMSDF mine-sweeper  
version, engine upgrade.

(JMSDF) 8603 / 8609 mixed 4066 to 4102

7

<b>KV-107/IIA-4</b> 1973, JGSDF troop transport, engine upgrade. (JGSDF) 51801 / 51818	<i>mixed</i> 4086 to 4134	18
<b>KV-107/IIA-5</b> 1972, JASDF SAR version, engine upgrade. "x" denotes numerous year prefixes from 197"2" up to 199"0". (JASDF) x4-4816 / x4-4852	<i>mixed</i> 4076 to 4159	37
<b>KV-107/IIA-17</b> 1973, passenger transport for Tokyo Police. JA9511	4085	1
<b>KV-107/IIA-SM-1</b> 1979, fire-fighting version for Saudi Arabia. MOI 01, MOI 02 MOI 05 / MOI 08 MOI 14	4115, 4116 <i>mixed</i> 4119 to 4124 4139	7
<b>KV-107/IIA-SM-2</b> 1979, rescue version for Saudi Arabia. MOI 03, MOI 04 MOI 09, MOI 15	4117, 4118 4125, 4140	4
<b>KV-107/IIA-SM-3</b> 1980, transport version for Saudi Arabia. MOI 13, MOI 16	4129, 4141	2
<b>KV-107/IIA-SM-4</b> 1980, air ambulance version for Saudi Arabia. MOI 10 / MOI 12	4126 / 4128	3
		<b><u>Total: 150</u></b>

## **CH-46 CONVERSIONS & TRANSFERS**

### **US Navy / USMC**

HH-46A	61	CH-46A, 1970, on-base rescue conversions.
RH-46A	1+	CH-46A, conversions for mine-sweeping duties.
NCH-46A	1	CH-46A, permanent conversion for test duties.
HH-46D	3	CH-46D, 1970, on-base rescue conversions.
<b>CH-46E</b>	<b>300</b>	CH-46A / CH-46D, 1975-2015, airframe / engine upgrade for USMC.
HH-46E	4	CH-46F, 2006-2014, SAR conversions for USMC.
VH-47F	5	CH-47F, VIP conversions.

### **Foreign Conversions**

<b>Hkp-4D</b>	<b>4</b>	Hkp-4A, 1980, ASW conversions for Swedish Navy. Assigned Swedish s/n: 04073 / 04076.
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## **FOREIGN MILITARY / CIVILIAN SERVICE**

- The CH-46 Sea Knight in military service with Canada, Japan, Saudi Arabia, Sweden and Thailand.

- One advanced demonstrator built in 1987 as the **Model 360** (reg: N360BV / c/n: 001), also designated as the **CH-46X**.

## **BOEING-VERTOL CH-47 CHINOOK**

### **CH-47 SERVICE**

**Manufacturer:** 1955: Piasecki Helicopter Corp., Morton, Pennsylvania, USA  
 (In 1956, became Vertol Aircraft Corp.)  
 (In 1960, became Vertol Division, The Boeing Airplane Co., Philadelphia, Pennsylvania, USA)  
 (In 1961, became Vertol Division, The Boeing Co.)  
 (In 1972, became Boeing-Vertol Co., The Boeing Co.)  
 (In 1987, became Boeing Helicopter Co., The Boeing Co.)  
 (In 2002, became Boeing Rotorcraft Systems, The Boeing Co.)

**Models:** 114, 165, 173, 176, 219, 234, 308, 309, 347, 352, 414

**Designations:** H-47 (CH-47); HC-1, CH-147 (Canada)

**Name:** Chinook

**First official flight:** YHC-1B 21 Sep 1961  
**Factory production period:** 1961 – present  
**Primary service period:** 1962 – present  
**Last official flight:** - -

### **CH-47 VARIANTS**

1961	<b>Model 114</b>	<b>YHC-1B</b>	6	<b>Total: 0006</b>
1962	<b>Model 114</b>	<b>CH-47A</b>	349	
1967	<b>Model 114</b>	<b>CH-47B</b>	108	
1967	<b>Model 165 / 173 176 / 234 / 308 / 309</b>	<b>CH-47C</b>	321	
1980	<b>Model 234</b>	<b>Model 234</b>	13	<b>Total: 0791</b>
1986	<b>Model 414-100</b>	<b>CH-47D</b>	52	
1999	<b>Model 414-100</b>	<b>CH-47SD</b>	32	<b>Total: 0084</b>
2006	<b>Model 414</b>	<b>CH-47F</b>	319	
-	<b>Model 414</b>	<b>MH-47G</b>	4	<b>Total: 0323</b>
1980	<b>Model 352</b>	<b>Chinook HC.Mk. 1</b>	41	
1994	<b>Model 352</b>	<b>Chinook HC.Mk. 2</b>	3	
1995	<b>Model 352</b>	<b>Chinook HC.Mk. 2A</b>	6	
1998	<b>Model 352</b>	<b>Chinook HC.Mk. 3</b>	8	<b>Total: 0058</b>
				<b><u>Total: 1262</u></b>

	<i>Foreign built – Italy:</i>			
1970	<b>Model 219</b>	<b>CH-47C</b>	167	<b>Total: 0167</b>
	<i>Foreign built – Japan:</i>			
1986	<b>Model 414</b>	<b>CH-47J</b>	42	
1998	<b>Model 414</b>	<b>CH-47JA</b>	40	<b>Total: 0082</b>

**Total: 0249**

## **CH-47 PRODUCTION**

### **YHC-1B**

*As YHC-1A, service test helicopters for US Army, larger fuselage, engine upgrade, 4-wheeled undercarriage. Redesignated as YCH-47A in 1962.*

*produced 1961 – 1962*

Boeing-Vertol Morton, Pennsylvania (BV)

59-4982 / 59-4986                      B-001 / B-005

1 static test airframe                      B-006

**6    Total: 0006**

### **CH-47A**

*As YHC-1B, production version for US Army, later airframes with engine upgrade, minor changes. Original designations were HC-1A, then HC-1B.*

*produced 1961 – 1966*

Boeing-Vertol Morton, Pennsylvania (BV)

60-3448 / 60-3452                      B-007 / B-011

61-2408 / 61-2425                      B-012 / B-029

62-2114 / 62-2137                      B-030 / B-053

63-7900 / 63-7923                      B-054 / B-077

64-13106 / 64-13165                      B-078 / B-137

65-7966 / 65-8025                      B-138 / B-197

66-0066 / 66-0125                      B-198 / B-257

66-19000 / 66-19097                      B-258 / B-355

**349    Total: 0349**

*12 additional airframes cancelled.*

### **CH-47B**

*As YCH-47B, production version for US Army.*

*produced 1966 – 1967*

Boeing-Vertol Morton, Pennsylvania (BV)

66-19098 / 66-19143                      B-356 / B-401

67-18432 / 67-18493                      B-402 / B-463

**108    Total: 0108**

### **CH-47C**

*As CH-47B, engine / rotor upgrade.*

*To US Army as **Model 234**.*

*produced*

Boeing-Vertol Morton, Pennsylvania (BV)

67-18494 / 67-18551                      B-464 / B-521

68-15810 / 67-15869                      B-522 / B-581

68-15990 / 68-16022                      B-582 / B-614

69-17100 / 69-17126                      B-615 / B-641

70-15000 / 70-15035                      *mixed B-643 to B-682*

71-20944 / 71-20955	<i>mixed B-683 to B-719</i>		
73-21970 / 73-21981	B-698, B-700 / B-710 (E-001 / E-012)		
<i>- 12 (Model 165) to Australia as A15-001 / A15-012.</i>			
74-22058 / 74-22066	<i>mixed B-718 to B-796</i> (GN-001 / GN-009)		
<i>- 9 (Model 173) to Canada as CH-147, 147001 / 147009.</i>			
74-22271 / 74-22294	<i>mixed B-733 to B-770</i>		
76-22673 / 76-22684	<i>mixed B-771 to B-795</i>		
79-23394 / 79-23401	<i>mixed B-803 to B-814</i>	291	
<b>(Model 176, HT.17, Spain)</b>			
Z.17-1	B-696		
HT.17-02 / HT.17-19	<i>mixed B-697 to B-881</i>	19	
<b>(Model 308, Argentina – Air Force)</b>			
H-91 / H-93	B-800 / B-802 (CG-071 / CG-073)	3	
<b>(Model 309, Argentina – Army)</b>			
AE-520, AE-521	B-797, B-798 (CG-101, CG-102)	2	
<i>24 additional airframes cancelled.</i>			
<i>Foreign assembled – Italy:</i>			
Elicotteri Meridionali (EM) SpA, Frosinone, Italy			
<i>Helicopter Division of Agusta SpA.</i>			
<i>(Italy)</i>			
MM80822 / MM80827	M-001 / M-006	6	<b>Total: 0321</b>
<b>Model 234</b>			
<i>As CH-47C, civil version, airliner style passenger windows. Built as MLR (military), LR and ER versions. produced 1979 – 1986 Boeing-Vertol Morton, Pennsylvania</i>			
<b>Model 234MLR</b>			
(Taiwan) 7201 / 7203	M-2011 / M-2013	3	
<b>Model 234LR</b>			
<i>civil reg.</i>	<i>mixed MJ-001 to MJ-023</i>	9	
<b>Model 234ER</b>			
<i>civil reg.</i>	MJ-016	1	<b>Total: 0013</b>
<b>CH-47D</b>			
<i>As Y/CH-47D, new built production version. Exports also known as the Model 414-100 and CH-47D International Chinook. produced 1985 – present Boeing-Vertol Morton, Pennsylvania</i>			
92-00367, 92-00368	M-4301, M-4302	2	
<i>- New built for US Army.</i>			
93-00668 / 93-00673	M-4101 / M-4106	6	
<i>- 6 to The Netherlands as D-101 / D-106.</i>			
95-88180 / 95-88188	M-4511 / M4516	6	
<i>- 6 to Singapore as 88180 / 88183, 88186, 88188.</i>			



98-02000	M-3462	1	
<i>- New built for US Army.</i>			
(Australia – Army)			
A15-201, A15-202	M-4036, M-4037	2	
(Egypt) 3016 / 3019	M-4032 / M-4035	4	
(Japan – JASDF)			
67-4471	M-4002 (5002)	1	
(Japan – JGSDF)			
52901	M-4001 (5001)	1	
(South Korea)			
880832 / 880837	M-4008 / M-4013 (MP-001 / MP-006)		
900838 / 900849	M-4014 / M-4025 (MP-007 / MP-018)	18	
<i>- Designated as <b>HH-47D</b>.</i>			
Thailand s/n	M-4026 / M-4031	6	
<i>Foreign assembled – Japan:</i>			
Kawasaki Heavy Industries Ltd., Gifu, Japan			
(JASDF) 77-4472	M-4005 (5005)	1	
(JGSDF) 52902 / 52905	<i>mixed M-4003 to M-4007 (mixed 5003 to 5007)</i>	4	<b>Total: 0052</b>

#### CH-47SD

*As Y/CH-47D conversions, military export version with avionics / equipment upgrades. Also known as the **CH-47D “Super D”**.*

*produced 1999 – present*

Boeing Helicopters Morton, Pennsylvania

98-00850 / 98-00855	M-4517 / M-4522	6	
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*- To South Korea as 980850 / 980855.*

(Greece) ES911 / ES917	M-4281 / M-4287	7	
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(Singapore)

88189 / 88198	M-4131 / M-4140	10	
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(Taiwan) 7301 / 7309	M-4141 / M-4149	9	<b>Total: 0032</b>
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#### CH-47F

*As YCH-47F, new built version. Rebuilt CH-47D airframes not counted here.*

*produced 2005 – present*

Boeing Rotorcraft Morton, Pennsylvania

*Delivered as new builds:*

04-08701 / 04-08717	M-8701 / M-8717		
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06-08718 / 06-08720	M-8718 / M-8720		
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07-08721 / 07-08748	M-8721 / M-8748		
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07-08890 / 07-08895	M-8890 / M-8895 (NL-014 / NL-019)		
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*- 6 to The Netherlands as D-890 / D-895.*

08-08749 / 08-08777	M-8749 / M-8777		
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09-08778 / 09-08800	M-8778 / M-8800		
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09-08822 / 09-08829	M-8822 / M-8829		
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10-08404 / 10-08409	M-8404 / M-8409		
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10-08801 / 10-08821	M-8801 / M-8821		
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10-08855, 10-08856	M-8855, M-8856		
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11-07431 / 11-07437 M-7431 / M-7437  
- 7 to RAAF as A15-301 / A15-307.

11-08410 / 11-08417 M-8410 / M-8417

11-08448 / 11-08450 M-8448 / M-8450  
- 3 to RAAF as A15-308 / A15-310.

11-08830 / 11-08854 M-8830 / M-8854

12-08400 / 12-08403 M-8400 / M-8403

12-08431 M-8431

12-08857 / 12-08869 M-8857 / M-8869

12-08870 / 12-08873 M-8870 / M-8873

- 4 to the UAE, mixed 2503 to 2515.

12-08874 / 12-08888 M-8874 / M-8888

13-08432 / 13-08443 M-8432 / M-8443

14-08444 / 14-08461 M-8444 / M-8461

15-08462 / 15-08465 M-8462 / M-8465

16-07472 / 16-07483 M-7472 / M-7483

- 12 to The Netherlands as D-472 / D-483.

16-08198 / 16-08224 M-8198 / M-8224

16-08466 / 16-08478 M-8466 / M-8478

17-07484, 17-07485 M-7484, M-7485

- 2 to The Netherlands as D-484, D-485.

17-07601 / 17-07606 M-7601 / M-7606

- 6 to The Netherlands as D-601 / D-606.

18-08485, 18-08486 M-8485, M-8486

319 Total: 0319

- 2 to RAAF.

*Delivered as rebuilds:*

05-08010 / 05-08017 M-8010 / M-8017

06-08018 / 06-08032 M-8018 / M-8032

07-08033 / 07-08041 M-8033 / M-8041

08-08042 / 08-08058 M-8042 / M-8058

09-08059 / 09-08073 M-8059 / M-8073

10-08074 / 10-08087 M-8074 / M-8087

11-08088 / 11-08098 M-8088 / M-8098

12-08099 / 12-08113 M-8099 / M-8113

13-08131 / 13-08149 M-8131 / M-8149

14-08150 / 14-08171 M-8150 / M-8171

15-08172 / 15-08197 M-8172 / M-8197

16-08198 / 16-08224 M-8198 / M-8224

17-08225 / 17-08251 M-8225 / M-8251

(225)

C/n: M-8114 / M-8130 not assigned.

## MH-47G

As CH-47F, **Block II** multi-mission  
version.

*produced*

Boeing Rotorcraft Morton, Pennsylvania

12-02901 -

18-02909 / 18-02912 -

4 Total: 0004

### **Chinook HC.Mk. 1**

*As CH-47C, version for the RAF. 1 Argentina  
CH-47C (AE-520), captured in 1982 Falklands War,  
converted with RAF s/n: ZH257 for training duties.  
produced 1979 – 1982, 1984 – 1986*

Boeing-Vertol Morton, Pennsylvania

(RAF) ZA670 / ZA684      *mixed B-812 to B-833  
(M/A001 / M/A015)*

(RAF) ZA704 / ZA721      *mixed B-834 to B-852  
(M/A016 / M/A033)*

(RAF) ZD574 / ZD576      B-866 / B-868  
(M/A034 / M/A036)

(RAF) ZD980 / ZD984      B-872 / B-876      41      **Total: 0041**  
(M/A037 / M/A041)

### **Chinook HC.Mk. 2**

*As CH-47D, version for RAF. 32 HC.Mk. 1  
also upgraded to this standard.  
produced 1994 – 1995*

Boeing Helicopters Morton, Pennsylvania

(RAF) ZH775 / ZH777      M-4451 / M-4453      3      **Total: 0003**

### **Chinook HC.Mk. 2A**

*As HC.Mk. 2, version for RAF with  
strengthened nose section.  
produced 1995 – 1997*

Boeing Helicopters Morton, Pennsylvania

(RAF) ZH891 / ZH896      M-4454 / M-4459      6      **Total: 0006**

### **Chinook HC.Mk. 3**

*As CH-47SD, version for RAF.  
produced 1998 – 2001*

Boeing Helicopters Morton, Pennsylvania

(RAF) ZH897 / ZH904      M-4476 / M-4483      8      **Total: 0008**

**Total: 1262**

### *Foreign built – Italy:*

#### **CH-47C**

*Italian built version of the CH-47C.*

*6 also produced in the US.*

*produced 1969 – present*

Elicotteri Meridionali (EM) SpA, Frosinone, Italy

*Helicopter Division of Agusta SpA.*

85-24734 / 85-24744      P-069 / P-079      11

*- Iranian order to US Army.*

(Egypt)

3001 / 3015      T-001 / T-015      15

*- Originally an Iranian order.*

(Greece)

ES901 / ES910      *mixed V-001 to V-010*      10

(Libya)

LC-001 / LC-020      R-001 / R-020      20

(Morocco)

CNA-LA / CNA-LI      S-001 / S-009      9

(Iran)			
<i>mixed</i> 5-4001 to 5-4099	P-001 / P-068		68
(Italy)			
MM80828 / MM80847	M-007 / M-026		
MM81168, MM81169	M-027, M-028		
MM81229 / MM81232	M-029 / M-032		
MM81386, MM81387	M-033, M-034		
MM81439 / MM81441	M-035 / M-037		
MM81458 / MM81460	M-038 / M-040	34	<b>Total: 0167</b>

*Foreign built – Japan:*

**CH-47J**

*Japanese built version of the CH-47D.*

*7 also produced in the US from 1986.*

*“x” denotes numerous year prefixes*

*from 198“8” up to 199“4”.*

*produced 1986 – 1997*

Kawasaki Heavy Industries Ltd., Gifu, Japan

(JASDF)

x7-4473 / x7-4485	<i>mixed</i> 5012 to 5046	13
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(JGSDF)

52906 / 52934	<i>mixed</i> 5008 to 5049	29	<b>Total: 0042</b>
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**CH-47JA**

*As CH-47J, nose weather radar fitted.*

*“x” denotes numerous year prefixes from*

*199“8” up to 201“1”.*

*produced 1997 – present*

Kawasaki Heavy Industries Ltd., Gifu, Japan

(JASDF)

x7-4486 / x7-4500	<i>mixed</i> 5056 to 5088	15
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(JGSDF)

52951 / 52975	<i>mixed</i> 5050 to 5089	25	<b>Total: 0040</b>
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**Total: 0249**

**CH-47 CONVERSIONS & TRANSFERS**

**Military Conversions**

**US Army**

A/ACH-47A	5	CH-47A, 1965-1968, factory converted “Armed & Armoured” gunship conversions.
GCH-47A	2	CH-47A, ground instructional conversions.
JCH-47A	1	CH-47A, 1961, temporary conversion for flight tests.
<b>YCH-47B</b>	<b>1</b>	YCH-47A (59-4984), 1966, prototype with engine / rotor upgrade.
GCH-47C	9	CH-47C, ground instructional conversions.
<b>YCH-47D</b>	<b>3</b>	CH-47A (65-8008) / B(67-18479) / C(67-18538), 1979, prototypes with major design / engine / avionics upgrades, various equipment upgrades. New s/n: New c/n: 76-08008, 76-18479 M-3001, M-3002 76-18538 M-3003 S/n: 76-08008 later to CH-47D standard as 92-00304. S/n: 76-18538 later to CH-47D standard as 92-00303.

<b>CH-47D</b>	<b>506</b>	CH-47A / B / C, 1982-present, re-manufactured conversions upgraded to YCH-47D standard. New s/n: 81-23381 / 81-23389 82-23762 / 82-23780 83-24102 / 83-24125 84-24152 / 84-24187 85-24322 / 85-24369 86-01635 / 86-01682 87-00069 / 87-00116 88-00062 / 88-00109 89-00130 / 89-00177 90-00180 / 90-00226 91-00230 / 91-00271 92-00280 / 92-00309 93-00661 / 93-00667 - 7 ex-Canada (147003 / 147009), re-manufactured for The Netherlands as D-661 / D-667. 93-00924 / 93-00927 - 4 RAAF airframes, re-manufactured for Australia as A15-102 / A15-104, A15-106. 93-00928 / 93-00934 - 7 ex-Australia (A15-005, A15-007 / A15-012), re-manufactured for US Army. Egyptian s/n retained - 15 Italian built CH-47C re-manufactured. Greek s/n retained - 9 Italian built CH-47C re-manufactured as <b>CH-47DG</b> . Spanish s/n retained - 17 CH-47C re-manufactured. 24 additional conversions cancelled.	New c/n: M-3004 / M-3012 M-3013 / M-3031 M-3032 / M-3055 M-3056 / M-3091 M-3092 / M-3139 M-3140 / M-3187 M-3188 / M-3235 M-3236 / M-3283 M-3284 / M-3331 M-3332 / M-3378 M-3379 / M-3420 M-3421 / M-3450 M-3661 / M-3667 M-3451 / M-3454 M-3455 / M-3461 M-3463 / M-3477 ? M-3561 / M-3569 M-3501 / M-3517
(GCH-47D)	6	CH-47D, ground instructional conversions.	
(JCH-47C)	2	CH-47D, temporary conversions for tests.	
(MH-47D)	12	CH-47D, 1988-2009, Special Operations Aircraft (SOA) with major avionics / equipment upgrades. 9 later integrated into the MH-47G conversions.	
(YMH-47E)	1	CH-47D (88-00084), 1990, factory conversion prototype to the Special Forces MH-47E. New s/n: 88-00267.	
(YCH-47F)	3	CH-47D, 2001-present, life-extension program, airframe / engine upgrade. Further procurement through new-built and rebuilt airframes. All 3 later to CH-47F standard with new s/n. New s/n: 98-00011, 98-00012 03-08003	New c/n: M-8001, M-8002 M-8003
(MH-47G)	73	39 CH-47D / 9 MH-47D / 25 MH-47E, 2004-present, Special Operations conversions with CH-47F features. Later upgraded to new-build <b>Block II</b> standard. New s/n: 00-02160 03-03727 / 03-03734 04-03735 / 04-03750 05-03751 / 05-03762 06-03763 / 06-03768 07-03769 / 07-03774 08-03775 / 08-03782 09-03783 / 09-03787 10-03788, 10-03789 12-03790, 12-03791 13-03792 / 13-03798	New c/n: M-3726 M-3727 / M-3734 M-3735 / M-3750 M-3751 / M-3762 M-3763 / M-3768 M-3769 / M-3774 M-3775 / M-3782 M-3783 / M-3787 M-3788, M-3789 M-3790, M-3791 M-3792 / M-3798

**MH-47E 25** CH-47C, 1992-2002, re-manufactured Special Forces conversions to CH-47D standard with major avionics / equipment upgrades. All later integrated into the MH-47G conversions.  
 New s/n:                                New c/n:  
 90-00414                                M-3701  
 91-00496 / 91-00501                M-3702 / M-3707  
 92-00400 / 92-00403                M-3708 / M-3711  
 92-00464 / 92-00477                M-3712 / M-3725

**Model 347 1** CH-47A (65-7992), 1970, prototype with stretched fuselage, stub wings, for various flight tests.

**British RAF / Canadian CAF**

**Chinook HC.Mk. 1B 41** HC.Mk. 1, rotor upgrades.

**(Chinook HC.Mk. 2) 32** HC.Mk. 1B, 1993-present, re-manufactured conversions to CH-47D standard. New c/n: M-7001 / M-7032.

**CH-147D 6** CH-47D, 2008-present, helicopters in service with the CAF. Assigned CAF s/n: 147201 / 147206.

**Civil Conversions**

**Model 234UT 8** Model 234LR, conversions as heavy-lift utility helicopters.

**FOREIGN MILITARY / CIVILIAN SERVICE**

- *The CH-47 Chinook in military service with Argentina, Australia, Canada, Egypt, Greece, Iran, Italy, Japan, Libya, Morocco, The Netherlands, Saudi Arabia, Singapore, South Korea, Spain, Taiwan, Thailand, Turkey, United Arab Emirates and United Kingdom.*
- *Civil versions used in a wide range of duties including oil-rig support and passenger commuter services.*