

# **BELL UH-1 IROQUOIS**

## **UH-1 SERVICE**

*Manufacturer:* Bell Helicopter Corp. of Bell Aircraft Corp., Fort Worth, Texas, USA  
(In 1960, became Bell Helicopter Co., Textron Corp.)  
(In 1976, became Bell Helicopter Textron, Textron Inc.)

*Models:* 204, 205, 208, 210, 211, 212, 214, 412, 450, 533, 577

*Designations:* H-1 (UH-1); H-40, H-48, HU-1, CH-118 / CH-135 / CH-146 (CAF)

*Names:* Iroquois; Huey (unofficial), Venom & Super Huey (UH-1Y)

*First official flight:* XH-40 22 Oct 1956

*Factory production period:* 1955 – 1987 (military)  
1962 – present (civil)

*Primary service period:* 1959 – 1980s

*Last official flight:* - -

## **UH-1 VARIANTS**

1956	<b>Model 204</b>	<b>XH-40</b>	3	
1956	<b>Model 204</b>	<b>YH-40</b>	6	<b>Total: 00009</b>
1959	<b>Model 204</b>	<b>HU-1A (UH-1A)</b>	182	
1960	<b>Model 204</b>	<b>YHU-1B (YUH-1B)</b>	4	
1961	<b>Model 204</b>	<b>HU-1B (UH-1B)</b>	1030	
1965	<b>Model 204</b>	<b>UH-1C</b>	755	<b>Total: 01971</b>
1961	<b>Model 205</b>	<b>YHU-1D (YUH-1D)</b>	7	
1963	<b>Model 205</b>	<b>UH-1D</b>	2010	<b>Total: 02017</b>
1963	<b>Model 204</b>	<b>UH-1E</b>	209	
1964	<b>Model 204</b>	<b>UH-1F</b>	120	
1967	<b>Model 204</b>	<b>TH-1F</b>	26	<b>Total: 00355</b>
1967	<b>Model 205</b>	<b>UH-1H</b>	5648	
1968	<b>Model 205</b>	<b>CUH-1H</b>	10	
1971	<b>Model 205</b>	<b>HH-1H</b>	30	<b>Total: 05688</b>
1969	<b>Model 204</b>	<b>HH-1K</b>	27	
1969	<b>Model 204</b>	<b>TH-1L</b>	90	
1968	<b>Model 204</b>	<b>UH-1L</b>	8	<b>Total: 00125</b>
1969	<b>Model 212</b>	<b>UH-1N</b>	288	
1971	<b>Model 212</b>	<b>CUH-1N</b>	50	
1974	<b>Model 212</b>	<b>VH-1N</b>	6	<b>Total: 00344</b>
2006	<b>Model 450</b>	<b>UH-1Y</b>	158	<b>Total: 00158</b>

1962	<b>Model 204</b>	<b>Model 204</b>	80	
1968	<b>Model 205</b>	<b>Model 205</b>	332	
1969	<b>Model 212</b>	<b>Model 212</b>	917	
1970	<b>Model 214</b>	<b>Model 214</b>	509	
1981	<b>Model 412</b>	<b>Model 412</b>	1096	<b>Total: 02934</b>

**Total: 13601**

*Foreign built – Indonesia:*

1986	<b>Model 412</b>	<b>NBell 412</b>	30	<b>Total: 00030</b>
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*Foreign built – Italy:*

1961	<b>Model 204</b>	<b>Model AB.204</b>	238	
1969	<b>Model 205</b>	<b>Model AB.205</b>	490	
1971	<b>Model 212</b>	<b>Model AB.212</b>	344	
1982	<b>Model 412</b>	<b>Model AB.412</b>	335	<b>Total: 01407</b>

*Foreign built – Japan:*

1962	<b>Model 204</b>	<b>UH-1B</b>	89	
1974	<b>Model 204</b>	<b>Model 204</b>	48	
1973	<b>Model 205</b>	<b>UH-1H</b>	133	
1993	<b>Model 205</b>	<b>UH-1J</b>	130	
-	<b>Model 205</b>	<b>Model 205</b>	2	<b>Total: 00402</b>

*Foreign built – Taiwan:*

1970	<b>Model 205</b>	<b>UH-1H</b>	118	<b>Total: 00118</b>
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*Foreign built – West Germany:*

1967	<b>Model 205</b>	<b>UH-1D</b>	353	<b>Total: 00353</b>
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**Total: 02310**

**Grand Total: 15911**

## **UH-1 VARIANTS – TYPE COMPARISON**

<b><u>US Army</u></b>	<b><u>USAF</u></b>		<b><u>US Navy</u></b>		<b><u>USMC</u></b>		<b><u>Civil / Foreign Military</u></b>		
XH-40	3	-	-	-	-	-	-	-	
YH-40	6	-	-	-	-	-	-	-	
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UH-1A	182	-	-	-	-	-	-	-	
YUH-1B	4	-	-	-	-	-	-	-	
UH-1B	1030	UH-1F	120	HH-1K	27	UH-1E	209	Model 204B	80
		TH-1F	26	TH-1L	90				
				UH-1L	8				
UH-1C	755	-	-	-	-	-	-	-	
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YUH-1D	7	-	-	-	-	-	-	-	
UH-1D	2010	-	-	-	-	-	-	Model 205A	39
UH-1H	5591	HH-1H	30	-	-	-	-	C/UH-1H	67
-	-	-	-	-	-	-	-	Model 205A-1	293
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-	-	UH-1N	81	-	-	UH-1N	205	Model 212	919
-	-	-	-	-	-	-	-	CUH-1N	50
-	-	-	-	-	-	VH-1N	6		
-	-	-	-	-	-	UH-1Y	150	UH-1Y	8
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-	-	-	-	<b>Model 214</b>	509
-	-	-	-	<b>Model 412</b>	1096
<b>Total: 9588</b>		<b>Total: 257</b>	<b>Total: 125</b>	<b>Total: 570</b>	<b>Total: 3061</b>

## **UH-1 PRODUCTION**

### **Military Helicopters**

#### **XH-40**

*Prototype single-engined, 2-bladed rotor, utility helicopter for the US Army.*

*Redesignated as **XHU-1** in 1956.*

*produced 1955 – 1956*

Bell Fort Worth, Texas (BF)

55-4459 / 55-4461                      1 / 3

**3 Total: 00003**

#### **YH-40**

*As XH-40, cabin stretch, minor changes, service tested by US Army and USAF. Redesignated as **YHU-1A** in 1956.*

*produced 1956*

Bell Fort Worth, Texas (BF)

56-6723 / 56-6728                      4 / 9

**6 Total: 00006**

#### **HU-1A**

*As YH-40, engine upgrade, minor changes. All delivered to US Army.*

*Redesignated as **UH-1A** in 1962.*

*produced 1958 – 1961*

Bell Fort Worth, Texas (BF)

57-6095 / 57-6103                      10 / 18

58-2078 / 58-2093                      19 / 34

58-3017 / 58-3047                      35 / 65

59-1607 / 59-1716                      66 / 175

60-3530 / 60-3545                      176 / 191

**182 Total: 00182**

#### **YHU-1B**

*As HU-1A, prototypes with engine / rotor upgrade, slightly enlarged cabin for US Army. Redesignated as **YUH-1B** in 1962.*

*Later upgraded to **UH-1B** standard.*

*produced 1960*

Bell Fort Worth, Texas (BF)

60-3546 / 60-3549                      192 / 195

**4 Total: 00004**

#### **HU-1B**

*As YHU-1B, engine upgrade, provision for armament. All delivered to US Army.*

*Redesignated as **UH-1B** in 1962.*

*produced 1960 – 1965*

Bell Fort Worth, Texas (BF)

60-3550 / 60-3619                      196 / 265

61-0686 / 61-0803                      266 / 383

62-1872 / 62-2105                      392 / 625

62-4566 / 62-4605                      626 / 665

62-4606 / 62-4613 384 / 391  
 - 8 to Australia as A2-384 / A2-391.  
 62-12515 / 62-12549 666 / 700  
 62-12550 / 62-12555 708 / 713  
 63-8500 / 63-8658 722 / 880  
 63-8659 / 63-8738 884 / 963  
 63-9784 / 63-9791 714 / 721  
 - 8 to Australia as A2-714 / A2-721.  
 63-12903 / 63-12952 964 / 1013  
 63-12953 / 63-12955 881 / 883  
 - 3 to Australia as N9-881 / N9-883.  
 63-13086 / 63-13089 1014 / 1017  
 - 4 to Norway as 086 / 089.  
 63-13586 / 63-13593 1018 / 1025  
 - 8 to Australia as A2-1018 / A2-1025.  
 64-13902 / 64-14100 1026 / 1224  
 64-17621 / 64-17623 3101 / 3103  
 - 3 to Australia as N9-3101 / N9-3103.  
 65-12846 3104  
 - 1 to Australia as N9-3104.  
 65-12853 / 65-12856 3111 / 3114  
 - 4 to Norway as 853 / 856.  
 10 additional airframes cancelled.

1030 **Total: 01030**

#### **UH-1C**

*As HU-1B, gunship version, minor changes for US Army.*

*Original designation was **HU-1C**.*

*produced 1964 – 1966*

*Bell Fort Worth, Texas (BF)*

64-14101 / 64-14191 1225 / 1315  
 65-9416 / 65-9564 1316 / 1464  
 65-12738 / 65-12744 1465 / 1471  
 65-12759 / 65-12764 3105 / 3110  
 - 6 to Spain numbered 5 / 10.  
 65-12772 1472  
 66-0491 / 66-0745 1473 / 1727  
 66-15000 / 66-15245 1728 / 1973  
 1 (65-12765), additional airframe cancelled.

755 **Total: 00755**

#### **YHU-1D**

*As HU-1B, prototypes with enlarged, 3.5ft. longer fuselage for US Army.*

*Redesignated as **YUH-1D** in 1962.*

*Later upgraded to **UH-1D** standard.*

*produced 1961*

*Bell Fort Worth, Texas (BF)*

60-6028 / 60-6034 701 / 707

7 **Total: 00007**

#### **UH-1D**

*As YHU-1D, production version for US Army.*

*Original designation was **HU-1D**.*

*Many later upgraded to **UH-1H** standard.*

*produced 1962 – 1967*

*Bell Fort Worth, Texas (BF)*

62-2106 / 62-2113 4001 / 4008  
 62-12351 / 62-12372 4009 / 4030

63-8739 / 63-8859	4031 / 4151	
- 2 to W. Germany as 804, 805.		
63-12956 / 63-13002	4152 / 4198	
64-13492 / 64-13901	4199 / 4608	
- 4 to W. Germany as 70+37 / 70+40.		
65-9565 / 65-10135	4609 / 5179	
- 1 to Australia as A2-085.		
- 5 to New Zealand as NZ3801 / NZ3805.		
- 4 to Peru mixed FAP-631 to -645.		
65-12773 / 65-12776	5180 / 5183	
65-12847 / 65-12852	5184 / 5189	
65-12857 / 65-12895	5190 / 5228	
66-0746 / 66-1210	5229 / 5693	
- 1 to Australia as A2-649.		
66-8574 / 66-8577	9339 / 9342	
66-16000 / 66-16306	5694 / 6000	2004
(Brazil) 8530 / 8535	3202 / 3207	6
- Designated as the SAR <b>SH-1D</b> .		
180 additional airframes cancelled.		

**Total: 02010**

#### UH-1E

As HU-1B / C, utility version for USMC.

Original designation was **HU-1E**.

produced 1963 – 1964

Bell Fort Worth, Texas (BF)

BuNo. 151266 / 151298	6001 / 6033	
BuNo. 151840 / 151887	6034 / 6081	
BuNo. 152416 / 152439	6082 / 6105	
BuNo. 153740 / 153767	6106 / 6133	
BuNo. 154750 / 154780	6134 / 6164	
BuNo. 154943 / 154969	6165 / 6191	
BuNo. 155337 / 155354	6192 / 6209	209

**Total: 00209**

14 additional airframes cancelled.

*TH-1E – 1965, trainer for USMC, 20 (BuNo. 154730 / 154749) cancelled.*

#### UH-1F

As HU-1B, version for USAF,

engine upgrade. Original designation was **XH-48A**.

produced 1963 – 1967

Bell Fort Worth, Texas (BF)

63-13141 / 63-13165	7001 / 7025	
64-15476 / 64-15501	7026 / 7051	
65-7911 / 65-7965	7052 / 7106	
66-1211 / 66-1224	7107 / 7120	120

**Total: 00120**

4 additional airframes cancelled.

#### TH-1F

As UH-1F, trainer version for USAF.

produced 1966 – 1967

Bell Fort Worth, Texas (BF)

66-1225 / 66-1250	7301 / 7326	26
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**Total: 00026**

## UH-1H

*As UH-1D, engine upgrade for US Army.  
US supplied kits for Turkish assembly.  
Many in the first 2 batches ordered as  
**UH-1D** but delivered as the **UH-1H**.  
produced 1967 – 1987*

Bell Fort Worth, Texas (BF)

66-16307 / 66-17144	8501 / 9338
67-17145 / 67-17859	9343 / 10057
<i>- 22 to Australia, mixed A2-376 to A2-773.</i>	
<i>- 12 to South Korea.</i>	
<i>- 107 to South Vietnam.</i>	
<i>- 10 to Thailand Army as 7576 / 7585.</i>	
67-18411 / 67-18413	10058 / 10060
<i>- 3 to Colombia as FAC-4281 / -4283.</i>	
67-18558 / 67-18577	10061 / 10080
<i>- 4 to Chile as H-81 / H-84.</i>	
67-19475 / 67-19537	10081 / 10143
<i>- 4 to Thailand Army as 9475 / 9478.</i>	
<i>- 4 to Thailand AF numbered 1 / 4.</i>	
68-15214 / 68-15778	10144 / 10708
<i>- 1 to Australia as A2-149.</i>	
<i>- 1 to Chile as H-85.</i>	
<i>- 10 to Greece as ES601 / ES610.</i>	
<i>- 5 to Thailand Army as 5596 / 5600.</i>	
<i>- 9 to Thailand AF numbered 5 / 13.</i>	
68-15779 / 68-15794	17001 / 17016
<i>- 5 to unknown export.</i>	
<i>- 11 to unknown export.</i>	
68-16050 / 68-16628	10709 / 11287
<i>- 1 to Australia as A2-110.</i>	
<i>- 4 to Cambodia.</i>	
<i>- 5 to Chile as H-86 / H-90.</i>	
<i>- 2 to Guatemala.</i>	
<i>- 3 to The Philippines.</i>	
<i>- 6 to South Korea.</i>	
<i>- 154 to South Vietnam.</i>	
<i>- 5 to Thailand Army as 6066 / 6070.</i>	
<i>- 12 to Thailand AF numbered 14 / 25.</i>	
69-15000 / 69-15959	11288 / 12247
<i>- 4 to Argentina as AE-400 / AE-403.</i>	
<i>- 9 to Australia, mixed A2-484 to A2-723.</i>	
<i>- 6 to Cambodia.</i>	
<i>- 2 to Chile as H-91, H-92.</i>	
<i>- 16 to Greece as ES611 / ES626.</i>	
<i>- 9 to New Zealand as NZ3806 / NZ3814.</i>	
<i>- 4 to The Philippines.</i>	
<i>- 2 to South Korea.</i>	
<i>- 311 to South Vietnam.</i>	
<i>- 9 to Thailand Army as 5491 / 5494, 5655 / 5659.</i>	
<i>- 23 to Turkey.</i>	
69-16650 / 69-16670	12248 / 12268
69-16671 / 69-16679	17017 / 17025
<i>- 9 to Taiwan as 9501 / 9509.</i>	
69-16692 / 69-16732	12269 / 12309
70-15700 / 70-15874	12310 / 12484
<i>- 1 to Australia as A2-455.</i>	

- 12 to Spain numbered 15 / 26.		
- 10 to Thailand Army as 5731 / 5735, 5846 / 5850.		
70-15913 / 70-15932	12485 / 12504	
- 1 to Australia as A2-915.		
70-16200 / 70-16518	12505 / 12823	
71-20000 / 71-20339	12824 / 13163	
- 2 to Spain numbered 27, 28.		
72-21465 / 72-21649	13164 / 13348	
- 8 to Argentina as AE-404 / AE-411.		
- 5 to Australia, mixed A2-278 to A2-310.		
- 9 to Greece as ES630 / ES638.		
- 14 to Spain numbered 29 / 42.		
73-21661 / 73-21860	13349 / 13548	
- 8 to Spain numbered 43 / 50.		
73-22066 / 73-22135	13549 / 13618	
- 7 to Argentina as AE-412 / AE-418.		
- 23 to Spain numbered 51 / 73.		
74-22295 / 74-22544	13619 / 13868	
- 4 to Argentina as AE-419 / AE-422.		
- 1 to New Zealand as NZ3815.		
- 4 to Thailand Army as 2484 / 2487.		
- 3 to Venezuela as 7701 / 7703.		
76-22651 / 76-22672	13869 / 13890	
- 6 to Venezuela as 7704 / 7709.		
76-22685 / 76-22691	13908 / 13914	
- 7 to The Philippines as 22685 / 22691.		
77-22911 / 77-22930	13915 / 13934	
- 2 to Argentina as AE-423, AE-424.		
- 18 to Greece as ES677 / ES694.		
77-22951 / 77-22960	13935 / 13944	
- 2 to Spain numbered 74, 75.		
78-23017 / 78-23042	13945 / 13970	
- 26 to South Korea as 23017 / 23042.		
78-23146 / 78-23166	13971 / 13991	
- 21 to South Korea as 23146 / 23166.		
78-23175 / 78-23178	13992 / 13995	
- 4 to The Philippines as 23175 / 23178.		
78-23179 / 78-23186	13996 / 14003	
- 2 to Greece as ES695, ES696.		
- 6 to Spain numbered 76 / 81.		
79-23402 / 79-23415	16041 / 16054	5521
- 14 to Thailand Army as 3402 / 3415.		
(Singapore)		
mixed 224 to 249	13891 / 13907	17
(Thailand) 6028 / 6040	16028 / 16040	13
unknown exports	16001 / 16027	27
<i>Foreign assembled – Turkey:</i>		
Ucak Ana Depot ve Fabrika		
82-24029 / 82-24043	16055 / 16069	
82-24044 / 82-24053	16501 / 16510	
85-25489 / 85-25518	16070 / 16099	
86-25519 / 86-25533	16100 / 16114	70
		<b>Total: 05648</b>

## CUH-1H

*As UH-1H, export version for Canada.*

*Original designation was **CUH-1D**.*

*CAF designation: **CH-118**.*

*produced 1967 – 1968*

Bell Fort Worth, Texas (BF)

(CAF) 118101 / 118110 3213 / 3222

10 **Total: 00010**

## HH-1H

*As UH-1H, on-base rescue version  
for USAF.*

*produced 1971 – 1973*

Bell Fort Worth, Texas (BF)

70-2457 / 70-2486 17101 / 17130

30 **Total: 00030**

*UH-1I – not used.*

## HH-1K

*As UH-1E, SAR version for US Navy,  
engine upgrade, different equipment.*

*produced 1969 – 1970*

Bell Fort Worth, Texas (BF)

BuNo. 157177 / 157203 6301 / 6327

27 **Total: 00027**

## TH-1L

*As HH-1K, advanced trainer for US Navy.*

*produced 1969 – 1970*

Bell Fort Worth, Texas (BF)

BuNo. 157806 / 157850 6401 / 6445

BuNo. 157859 / 157903 6446 / 6490

90 **Total: 00090**

## UH-1L

*As TH-1L, utility version for US Navy.*

*produced 1968*

Bell Fort Worth, Texas (BF)

BuNo. 157851 / 157858 6210 / 6217

8 **Total: 00008**

## UH-1N

*As UH-1H, twin engine upgrade,  
larger cabin, detail changes.*

*Widely known as the **Twin Huey**.*

*produced 1968 – 1978*

Bell Fort Worth, Texas (BF)

*Deliveries to USAF:*

68-10772 / 68-10776 31001 / 31005

69-6600 / 69-6670 31006 / 31076

69-7536 / 69-7538 31077 / 31079

73-22054, 73-22055 31442, 31443

81

*- 2 to Tunisia.*

*Deliveries to USMC:*

BuNo. 158230 / 158259 31401 / 31430

BuNo. 158260 / 158291 31601 / 31632

BuNo. 158548 / 158550 31633 / 31635

BuNo. 158555 31640

BuNo. 158558 / 158562 31643 / 31647

BuNo. 158762 / 158771 31431 / 31440

BuNo. 158772 / 158785 31648 / 31661



BuNo. 159186 / 159209	31662 / 31685	
BuNo. 159565	31441	
BuNo. 159680 / 159685	31686 / 31691	
BuNo. 159686 / 159703	31694 / 31711	
BuNo. 159774	31444	
BuNo. 159775 / 159777	31712 / 31714	
BuNo. 160165 / 160179	31715 / 31729	
BuNo. 160438 / 160461	31730 / 31753	
BuNo. 160619 / 160624	31754 / 31759	
BuNo. 160827 / 160838	31445 / 31456	205
(Thailand) H6k-1/19, -2/19	31692, 31693	2
<i>- Delivered to Thai Royal Flight.</i>		
<i>15 additional airframes cancelled.</i>		<b>Total: 00288</b>

**CUH-1N**

*As UH-1N, export version for Canada.*  
*CAF designation: **CH-135 Twin Huey.***  
*produced 1971 – 1972*  
 Bell Fort Worth, Texas (BF)  
 70-15650 / 70-15699      32001 / 32050      50 **Total: 00050**  
*Delivered as:*  
 (CAF) 135101 / 135150

**VH-1N**

*As UH-1N, VIP version for USMC.*  
*2 UH-1N also temporarily converted.*  
*produced 1974*  
 Bell Fort Worth, Texas (BF)  
 BuNo. 158551 / 158554      31636 / 31639  
 BuNo. 158556, 158557      31641, 31642      6 **Total: 00006**

*UH-1O – not used.*

**UH-1Y Venom**

*As UH-1N, major redesign, engine / avionics upgrade for USMC. Another 13 rebuilt from UH-1N airframes.*  
*Bell Line Numbers: Y13 / Y162.*  
*produced 2005 – present*  
 Bell Amarillo, Texas  
 BuNo. 167793 / 167808      55101 / 55116  
 BuNo. 167989 / 167999      55117 / 55127  
 BuNo. 168036 / 168046      55128 / 55138  
 BuNo. 168317 / 168320      55157 / 55160  
 BuNo. 168402 / 168417      55139 / 55154  
 BuNo. 168426, 168427      55155, 55156  
 BuNo. 168497 / 168515      55161 / 55179  
 BuNo. 168783 / 168797      55180 / 55194  
 BuNo. 168943 / 168958      55195 / 55210  
 BuNo. 169099 / 169110      55211 / 55222  
 BuNo. 169232 / 169247      55223 / 55238  
 BuNo. 169280 / 169291      55239 / 55250      150  
*1 (BuNo. 168425), airframe cancelled.*  
 (Czech Rep.) -      -      8 **Total: 00158**

## Civil Helicopters

### **Model 204B**

*Civil / military export version  
of the UH-1B.*

*produced 1962 – 1968*

Bell Fort Worth, Texas

*civil reg.* 1501

- *Built as the **Model 204A.***

*civil / mil reg.* 2001 / 2070

- 1 (c/n: 2001) to Fuji-Bell.

- 1 (c/n: 2046) to Norway as **UH-1B**,  
s/n: 420 (US s/n: 66-14420).

- 1 (c/n: 2048) to US Army as **NUH-1B**,  
s/n: 64-18261.

*civil reg.* 2196 / 2199

*civil reg.* 2500 / 2502

- 1 (c/n: 2501) to **Model 577** in 1966  
as N577K.

- 1 (c/n: 2502) to **Model 211 Huey Tug**  
in 1968 as N6256N.

*civil reg.* 3001, 3002

**80 Total: 00080**

- 2 to Fuji-Bell.

### **Model 205A / 205A-1**

*Civil / military export version of the  
UH-1D (205A) and UH-1H (205A-1).*

*First 39 built as **205A**, most later  
upgraded to **205A-1.***

*produced 1968 – 1980*

Bell Fort Worth, Texas

*civil / mil reg.* 30001 / 30332

**332 Total: 00332**

### **Model 212 (Twin 212 / Twin Two-Twelve)**

*Civil / military export twin-engine  
upgrade similar to UH-1N. 41 to  
Agusta-Bell, c/n: mixed 5550 to  
5724. Production to Mirabel,  
Canada in 1988.*

*produced 1969 – 1997*

Bell Fort Worth, Texas

*civil / mil reg.* 30501 / 30999

*civil / mil reg.* 31101 / 31311

*civil / mil reg.* 32101 / 32142

**752**

5 to UK as **212HP AH.Mk. 1**, ZH814 / ZH816,  
ZJ965, ZJ969, 3 as **212HP AH.Mk. 2**, ZJ964,  
ZJ966, ZK206 and 1 as **212HP AH.Mk. 3**, ZK067.

(Israel) mixed 010 to 080 32201 / 32262

**62**

- *Delivered as the **Bell 212 Anapha.***

Bell Canada, Mirabel, Quebec, Canada

*civil / mil reg.* 35001 / 35103

**103 Total: 00917**

### **Model 214**

*As Model 212, heavy-lift version,  
single-engined, large exhaust outlet.*

*produced 1970 – 1993*

Bell Fort Worth, Texas

<b>Model 214 Huey Plus</b>			
<i>1970, prototypes. 2 upgraded to 214A and 1 to 214B in 1974.</i>			
<i>civil reg.</i>	27000 / 27003		4
<b>Model 214A Isfahan</b>			
<i>1975, military heavy-lift version for Iran.</i>			
(Iran) 6-4651 / 6-4937	27004 / 27290		
(Iran) 2-6003 / 2-6008	27291 / 27296		293
<b>Model 214B / B-1 Big Lifter</b>			
<i>1975, civil heavy-lift version, 32 as B-1.</i>			
<i>civil reg.</i>	28001 / 28070		70
<b>Model 214C</b>			
<i>1976, military SAR version for Iran.</i>			
(Iran) 4-9421 / 4-9459	17201 / 17239		39
<b>Model 214ST Super Transport</b>			
<i>1977, civil / military version. Larger streamlined fuselage, engine upgrade.</i>			
<i>48 later to Iraq.</i>			
<i>civil reg.</i>	18401 / 18403		
<i>civil / mil reg.</i>	28101 / 28200		103
			<b>Total: 00509</b>
<b>Model 412</b>			
<i>As Model 212, engine upgrade, 4-bladed rotor. 3 Model 212 converted as prototypes, ff: 1979. Production to Mirabel, Canada in 1989 starting with c/n: 36001.</i>			
<i>produced 1980 – present</i>			
<i>Bell Fort Worth, Texas</i>			
<b>Model 412</b>			
<i>1981, base production version.</i>			
<i>civil / mil reg.</i>	33001 / 33107		107
<b>Model 412SP</b>			
<i>1985, Special Performance version, higher fuel, 12 later converted to 412HP standard.</i>			
<i>civil / mil reg.</i>	33108 / 33213		
<i>civil / mil reg.</i>	36001 / 36019		125
<b>Model 412HP</b>			
<i>1991, High Performance version.</i>			
<i>civil / mil reg.</i>	36020 / 36086		67
<b>Model 412CF (CH-146 Griffon)</b>			
<i>1994, military version for Canada.</i>			
(CAF) 146400 / 146499	46400 / 46499		100
<b>Model 412EP</b>			
<i>1998, civil / military Enhanced Performance version, digital avionics.</i>			
<i>civil / mil reg.</i>	36087 / 36705		619
<i>- 11 to RAF as Griffon HT.Mk. 1, ZJ234 / ZJ242, ZJ707, ZJ708 and 4 as HAR.Mk. 2, ZJ703 / ZJ706.</i>			
<b>Model 412RSAF</b>			
<i>2001, military version for Saudi Arabia.</i>			
<i>mixed 1200 to 3303</i>	33501 / 33508		8

**Model 412EPI**

2014, civil / military EP version,  
advanced avionics. 1 Model 412EP  
converted as prototype, ff: 2013.

civil / mil reg. 37001 / 37054+ 54+

**Model 412EPX**

2020, civil / military version with  
further advancements.

civil / mil reg. 39101 / 39116+ 16+ **Total: 01096**

**Total: 13601**

*Foreign built – Indonesia:***NBell 412**

Indonesian built version of the Model 412,  
built as **SP**, **HP** and **EP** versions. Bell  
c/n: 34001 / 34030.

produced 1986 – present

Industri Pesawat Terbang Nurtanio (IPTN),  
Bandung, Indonesia

In 2000, became PT Dirgantara Indonesia.

civil / mil reg. NB01 / NB30 30 **Total: 00030**

*Foreign built – Italy:***Model 204 / 205 / 212 / 412**

Civil / military versions of the UH-1.

produced 1961 – present

(Agusta-Bell)

Costruzioni Aeronautiche Giovanni Agusta SpA,  
Gallarate, Italy

**Model AB.204B / 204AS**

1961, civil / military version of Model 204B.

Built as the **AB.204B-11**, **-12**, **-21**, **-22** and

**AB.204AS** version for maritime duties.

civil / mil reg. 3001 / 3238 238

**Model AB.205A / A-1**

1969, civil / military version of Model 205.

Some later to **AB.205B** standard.

civil / mil reg. 4001 / 4477

civil / mil reg. 4500 / 4512 490

**Model AB.212**

1971, civil / military version of Model 212.

Built as the **AB.212AM**, **ASW**, **EW**, **GE**, **iCO**.

civil / mil reg. 5101 / 5215

civil / mil reg. 5501 / 5724

- 41 supplied as kits from Bell,  
not counted here.

civil / mil reg. 5801 / 5846 344

**Model AB.412 Grifone**

1982, military 212 upgrade, 4-bladed rotor.

Built as standard, **CS**, **SP**, **HP** and **EP** versions.

civil / mil reg. 25501 / 25748

civil / mil reg. 25801 / 25808

civil / mil reg.	25901 / 25945	
civil / mil reg.	25951 / 25984	335 <b>Total: 01407</b>

*Foreign built – Japan:*

**Model 204 / 205**

*Japanese built version of the Model 204 / 205 for civil and military (JGSDF) sales. 3 **204B** (c/n: 2001, 3001, 3002) also imported from Bell. Fuji's parent company Mitsui & Co. Ltd. produced 1962 – 2012 (Fuji-Bell)*

Fuji Heavy Industries Ltd., Utsunomiya City, Japan

**Model 204B (UH-1B Hiyodori)**

*1962, military version. 1 **204B** (c/n: 2001) converted for JGSDF as s/n: 41501 / c/n: CH01.*

(JGSDF) 41502 / 41504	CH03 / CH05	
(JGSDF) 41505 / 41590	MH06 / MH91	89

**Model 204B / B-2**

*1962, civil version. 21 as **B-2** with uprated engine.*

civil reg.	CH02	
civil reg.	CH10 / CH41	
civil reg.	CH45 / CH59	48

**Model 205A-1 (UH-1H)**

*1973, military version.*

(JGSDF) 41601 / 41733	1H01 / 1H133	133
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**Model 205B-2 (UH-1J)**

*1993, military version, Model 212 features based on the **Bell Huey II** upgrade.*

(JGSDF) 41801 / 41930	1J01 / 1J130	130
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**Model 205B**

*Civil version of UH-1J.*

civil reg.	01, 02	2 <b>Total: 00402</b>
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*Foreign built – Taiwan:*

**UH-1H**

*Taiwanese army version of UH-1H, c/n "x" denotes multiple sequence numbers from "0" up to "9". Bell c/n: 18001 / 18118. 7 (s/n: 419 / 425) additional UH-1H rebuilt with c/n: 69-2119 / 69-2125, from previous order.*

*produced 1970 – 1976*

Aero Industry Development Center (AIDC), Taichung, Taiwan

(ROCA) 301 / 418	6x-2001 / 6x-2118	118 <b>Total: 00118</b>
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*Foreign built – West Germany:*

**UH-1D**

*Military German built version of the UH-1D but with H engine. 6 UH-1D also imported from US. produced 1967 – 1981*

Dornier GmbH, Munchen, West Germany

(West Germany)

70+01, 70+02	8001, 8002
70+21 / 70+36	8051 / 8066
70+41 / 70+59	8101 / 8119
70+65 / 71+76	8125 / 8236
71+81 / 73+84	8301 / 8504

353 **Total: 00353**

57 (c/n: 8003 / 8050, 8120 / 8124,  
8237 / 8240), not built.

**Total: 02310**

## **UH-1 CONVERSIONS & TRANSFERS**

### **Military Conversions**

#### **US Army**

QH-1	1+	UH-1 variants, drone conversions by Kaman Aerospace Corp.
TH-1A	14	UH-1A, 1972, trainers with dual controls / blind flying instruments.
XH-1A	1	UH-1A (58-2083), 1960, conversion for armament tests.
GUH-1B	2	UH-1D, ground instructional conversions.
NUH-1B	2	UH-1B, 1972, Vietnam conversions with TOW missile system.
GUH-1D	1+	UH-1D, ground instructional conversions.
HH-1D	30	UH-1D, 1970, on-base rescue conversions, fire equipment fitted.
GUH-1E	1	UH-1E (BuNo. 154778), ground instructional conversion, new US Army s/n: 84-0474.
UH-1G	1+	UH-1D/H, unofficial gunship conversions for operations in Cambodia.
EH-1H	24	UH-1H, 1976, "Quick Fix IA" EW conversions, modified exhaust outlet.
(JEH-1H)	1	EH-1H, temporary conversion for tests.
TH-1H	1+	UH-1H, trainer conversions.
GUH-1H	1+	UH-1H, ground instructional conversions.
JUH-1H	1+	UH-1H, 1974, temp SOTAS prototypes and also as aggressor helicopters.
NUH-1H	1	UH-1H, permanent conversion for tests.
<b>YUH-1H</b>	<b>1</b>	YUH-1D (60-6029), 1966, prototype UH-1H with engine upgrade.
<b>UH-1M</b>	<b>1+</b>	UH-1C, 1969, night attack gunship conversions, engine upgrade.
(JUH-1M)	2	UH-1M, temporary conversions for tests.
(QUH-1M)	1+	UN-1M, target drone conversions.
NUH-1M	1	UH-1B (63-8684), conversion for test duties.
EH-1U	1+	UH-1H, electronic warfare conversions.
<b>UH-1V</b>	<b>220</b>	UH-1H, medivac / SAR conversions, upgraded avionics.
EH-1X	10	UH-1H, 1976, "Quick Fix IIA" EW conversions.
<b>Model 533</b>	<b>1</b>	YH-40 (56-6723), 1962, various upgrades to test aerodynamic features with small podded jet engines and drag reducing fairings.

#### **USAF**

GUH-1F	2	UH-1F, ground instructional conversions.
GUH-1N	1+	UH-1N, ground instructional conversions.
<b>UH-1P</b>	<b>20</b>	UH-1F, gunship / special operations conversions.

### US Navy / USMC

NUH-1E 1 UH-1E, permanent conversion for testing.  
HH-1N 52 46 UH-1N / 6 VH-1N, 1971, on-base rescue conversions for USN and USMC.

### **(Model 450) UH-1Y *Venom***

**14** 13 UH-1N / 1 Model 412EP, 2001-present, re-manufactured airframes, engine / avionics upgrade, 4-bladed rotor, various improvements. Also known as the ***Super Huey***. Subsequent production are new-built airframes. 1 UH-1N (BuNo. 160830) and 1 Model 412EP (c/n: 36380) not re-serialised.  
New s/n: New c/n:  
BuNo. 166475, 166476 55001, 55002 (Y1, Y2)  
BuNo. 166753 / 166758 55003 / 55008 (Y3 / Y8)  
BuNo. 166768 / 166771 55009 / 55012 (Y9 / Y12)

### Civil / Foreign Conversions

**RH-2** 1 UH-1A, Bell "Research Helicopter" designation for company tests.  
**UH-1HP / *Huey II*** 225+ UH-1H / Model 205A-1, 1998, major upgrades to engine / avionics. Upgrades by Bell Helicopter Textron for military / civil customers. Built new in Japan as the Fuji-Bell UH-1J.  
**Model 205A+ / ++** 1+ Model 205A-1, engine upgrade, 212 rotor.  
**Model 205A-1A** 20 Model 205A-1, armament hard-points, military avionics for Israel.  
**Model 205B** 5 Model 205A-1, 1987, 15-seat, engine upgrade, 212 rotor / nose.  
**Model 208** 1 UH-1D, 1965, Bell "Twin Delta" prototype with twin engine upgrade, later developed into the UH-1N / Model 212 "Twin Huey" series.  
**Model 210** 4 UH-1H, 2004, ex-military helicopters re-manufactured for civil sales, engine upgrade. New c/n: 21001 / 21004.  
**Model 212HP** 6 Model 212, High Performance upgrade.  
**Model 412AH** 1 Model 412SP (c/n: 33119), 1986, armed demonstrator prototype.  
**Model 412EP *Sentinel*** 2 Model 412EP (c/n: 36173, 36204), 1998, temp civil demonstrators for ASW/ASV military applications.  
**Model AB.205BG** 1 Model AB.205A-1 (s/n: MM80503), 1967, twin RR Gnome engine upgrade, BG – Bi-Gnome.  
**Model AB.205TA** 1 Model AB.205A-1, 1965, twin Turbomeca Astazous engine upgrade, TA – Turbomeca Astazous  
**XMH** 1 Model 204B (c/n: 3001), 1970, Fuji-Bell experimental conversion with added wings for additional lift. Also designated as the FB.204J.

### **FOREIGN MILITARY / CIVILIAN SERVICE**

- *UH-1 military helicopters are in, or have been in service both new built and second-hand with most air forces worldwide.*
- *Many surplus military UH-1 helicopters sold on the civil market.*
- *Civil conversions and upgrades include the **Alsworth-Bell 205, Eagle Copters Eagle Single 212, Global Eagle, Huey 703, Huey 800, Huey PT6C, Southwest Florida Aviation-Bell 205, UH-1/T700 Ultra Huey, Western International-Bell 205 and Williams-Bell 205.***
- *Unlicensed version built by Iran as the **Panha Shabaviz 2-75.***

# **BELL AH-1 COBRA**

## **AH-1 SERVICE**

*Manufacturer:* Bell Helicopter Corp. of Bell Aircraft Corp., Fort Worth, Texas, USA  
(In 1960, became Bell Helicopter Co., Textron Corp.)  
(In 1976, became Bell Helicopter Textron, Textron Inc.)

*Models:* 209, 249, 309, 449

*Designation:* H-1 (AH-1)

*Names:* Cobra; HueyCobra (US Army), KingCobra (Model 309), SeaCobra (USMC), SuperCobra (AH-1W), Viper (AH-1Z)

*First official flight:* Model 209 07 Sep 1965  
YAH-1G 15 Oct 1966

*Factory production period:* 1965 – 1998

*Primary service period:* 1967 – present

*Last official flight:* - -

## **AH-1 VARIANTS**

1965	<b>Model 209</b>	<b>Model 209</b> Prototype	1	<b>Total: 0001</b>
1966	<b>Model 209</b>	<b>YAH-1G</b>	2	
1966	<b>Model 209</b>	<b>AH-1G</b>	1130	
1969	<b>Model 209</b>	<b>AH-1J</b>	277	<b>Total: 1409</b>
1971	<b>Model 309</b>	<b>Model 309</b> Prototype	2	<b>Total: 0002</b>
1976	<b>Model 209</b>	<b>AH-1S</b>	523	
1976	<b>Model 209</b>	<b>AH-1T</b>	57	
1985	<b>Model 209</b>	<b>AH-1W</b>	242	<b>Total: 0822</b>
2010	<b>Model 449</b>	<b>AH-1Z</b>	159	<b>Total: 0159</b>
				<b><u>Total: 2393</u></b>
		<i>Foreign built – Japan:</i>		
1984	<b>Model 209</b>	<b>AH-1S</b>	90	<b><u>Total: 0090</u></b>

## **AH-1 PRODUCTION**

### **Model 209**

Single-engined, 2-bladed rotor, 2-seater, helicopter gunship for US Army with UH-1 tail boom / engine / rotor, redesigned cabin with retractable skids. Later upgraded to **AH-1G** standard.  
produced 1965  
Bell Fort Worth, Texas (BF)



N209J	20001		1	<b>Total: 0001</b>
<b>YAH-1G</b>				
<i>As Model 209, service test prototypes for US Army, engine upgrade, fixed skids.</i>				
<i>produced 1966 – 1967</i>				
Bell Fort Worth, Texas (BF)				
66-15246, 67-15247	20002, 20003		2	<b>Total: 0002</b>
<b>AH-1G</b>				
<i>As YAH-1G, production version for US Army, various armament upgrades during production.</i>				
<i>38 to USMC in 1969, BuNo. 157204 / 157241, but s/n's not taken up.</i>				
<i>produced 1966 – 1973</i>				
Bell Fort Worth, Texas (BF)				
66-15248 / 66-15357	20004 / 20113			
67-15450 / 67-15869	20114 / 20533			
68-15000 / 68-15213	20534 / 20747			
68-17020 / 68-17113	20748 / 20841			
69-16410 / 69-16447	20842 / 20879			
70-15936 / 70-16105	20880 / 21049			
71-15090 / 71-15093	21050 / 21053			
<i>- 4 to Spain as Z.14-1 / Z.14-4.</i>				
71-20983 / 71-21052	21054 / 21123			
72-21461 / 72-21464	21124 / 21127	1124		
<i>- 4 to Spain as Z.14-5 / Z.14-8.</i>				
(Israel) mixed 109 to 130	19291 / 19296		6	<b>Total: 1130</b>
<i>- Designated as <b>Tzefa A.</b></i>				
<b>AH-1J SeaCobra</b>				
<i>As AH-1G, twin-engine (UH-1N) / avionics / weapons upgrade for USMC. Later export airframes designated <b>AH-1J(TOW)</b>.</i>				
<i>produced 1969 – 1975</i>				
Bell Fort Worth, Texas (BF)				
BuNo. 157757 / 157805	26001 / 26049			
BuNo. 159210 / 159227	26050 / 26067		67	
(Iran) 3-4401 / 3-4540	26501 / 26640			
(Iran) 3-4541 / 3-4602	29001 / 29062		202	
(South Korea)				
29063 / 29070	29063 / 29070		8	<b>Total: 0277</b>
<b>Model 309 KingCobra</b>				
<i>As AH-1G, company funded single (N309K) and twin-engined (N309J) anti-armour prototypes for US Army and US Navy evaluation.</i>				
<i>produced 1971</i>				
Bell Fort Worth, Texas (BF)				
N309J	2503			
N309K	2504		2	<b>Total: 0002</b>
<b>AH-1S</b>				
<i>As AH-1G, anti-armour version for US Army, upgraded in three sub-variants, all with flat plate squared canopies and derived from the <b>YAH-1S</b> and <b>AH-1S(MOD)</b> conversions.</i>				
<i>produced 1976 – 1986</i>				

Bell Fort Worth, Texas (BF)		
Production AH-1S(PROD)		
<i>1976, avionics upgrade.</i>		
<i>Redesignated as <b>AH-1P</b> in 1987.</i>		
76-22567 / 76-22610	24001 / 24044	
76-22692 / 76-22713	24045 / 24066	
77-22729 / 77-22762	24067 / 24100	100
Enhanced Cobra Armament System AH-1S(ECAS)		
<i>1978, "Up-Gun" upgrade, various changes.</i>		
<i>Redesignated as <b>AH-1E</b> in 1987.</i>		
77-22763 / 77-22810	22101 / 22148	
78-23043 / 78-23092	22149 / 22198	98
(Israel) mixed 232 to 239	21501 / 21506	6
<i>- Designated as <b>Tzefa B</b>.</i>		
(JGSDF) 73401, 73402	21507, 21508	2
	(Fuji c/n: 1, 2)	
Modernised AH-1S(MC)		
<i>1979, as AH-1P/E, avionics upgrade, extended exhaust.</i>		
<i>378 AH-1G also upgraded to this standard in 1982.</i>		
<i>All redesignated as <b>AH-1F</b> in 1987. Deliveries to Israel designated as <b>Tzefa C / D</b>.</i>		
78-23093 / 78-23125	22199 / 22231	
78-23167 / 78-23174	21701 / 21708	
<i>- 8 to Israel mixed 350 to 366.</i>		
79-23187 / 79-23252	22232 / 22297	
79-23390 / 79-23393	21709 / 21712	
<i>- 4 to Israel mixed 369 to 375.</i>		
80-23510 / 80-23521	22298 / 22309	
80-23522 / 80-23525	21713 / 21716	
<i>- 4 to Israel mixed 378 to 389.</i>		
81-23526 / 81-23540	22310 / 22324	
82-24055 / 82-24064	22501 / 22510	
<i>- 10 to Pakistan as 786-001 / 786-010.</i>		
82-24065 / 82-24076	22325 / 22336	
82-24077 / 82-24100	22601 / 22624	
<i>- 24 to Jordan as 1001 / 1012, 1201 / 1212.</i>		
83-24065 / 83-24076	-	
83-24189 / 83-24199	22337 / 22347	211
(Israel) mixed 391 to 483	21717 / 21730	14
(Pakistan)		
786-011 / 786-020	22511 / 22520	10
(South Korea)		
21731 / 21738	21731 / 21738	
22701 / 22770	22701 / 22770	78
(Thailand) 9996 / 9999	22801 / 22804	4
		<b>Total: 0523</b>
<b>AH-1T SeaCobra</b>		
<i>As AH-1J, longer fuselage, ventral fin, curved canopy, engine / rotor upgrade for USMC. Most later upgraded to <b>AH-1W</b> standard with new c/n.</i>		
<i>produced 1976 – 1985</i>		
Bell Fort Worth, Texas (BF)		
BuNo. 159228, 159229	26068, 26069	

BuNo. 160105 / 160114	26070 / 26079
BuNo. 160742 / 160748	26080 / 26086
BuNo. 160797 / 160826	26087 / 26116
BuNo. 161015 / 161022	26117 / 26124

57 **Total: 0057**

### **AH-1W SuperCobra**

*As AH-1T, engine / avionics upgrade for USMC, redesigned twin exhaust outlets.*

*produced 1985 – 1998*

Bell Fort Worth, Texas (BF)

BuNo. 162532 / 162575	26201 / 26244
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BuNo. 163921 / 163954	26246 / 26279
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*- 5 to Turkey as 10600 / 10604.*

BuNo. 164572 / 164576	26280 / 26284
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BuNo. 164577, 164578	26926, 26927
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BuNo. 164586 / 164596	26285 / 26295
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BuNo. 164913 / 164938	26701, 26703 / 26727
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*- 26 to Taiwan as 501 / 526.*

BuNo. 165037 / 165048	26299 / 26310
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*- 5 to Turkey as 10605 / 10609.*

BuNo. 165049, 165050	26317, 26318
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BuNo. 165051 / 165056	26311 / 26316
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BuNo. 165097	26298
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BuNo. 165271 / 165292	26319 / 26340
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BuNo. 165317 / 165333	26341 / 26357
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BuNo. 165334 / 165341	26728 / 26735
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*- 8 to Taiwan as 527 / 534.*

BuNo. 165358 / 165369	26358 / 26369
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BuNo. 165370 / 165377	26736 / 26743
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*- 8 to Taiwan as 535 / 542.*

BuNo. 165392 / 165396	26370 / 26374
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BuNo. 165445 / 165450	-
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BuNo. 165545 / 165565	-
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*- 21 to Taiwan as 543 / 563.*

242 **Total: 0242**

*AH-1RO Dracula – 1999, 96 AH-1W, Romanian built, cancelled.*

### **AH-1Z Viper**

*As AH-1W, major redesign, engine / avionics upgrade for USMC. Another*

*42 rebuilt from AH-1W airframes.*

*Bell Line Numbers: Z201 / unk.*

*produced 2010 – present*

Bell Amarillo, Texas

BuNo. 168423, 168424	59201, 59202
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BuNo. 168524 / 168529	59203 / 59208
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BuNo. 168801 / 168807	59209 / 59215
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BuNo. 168959 / 168970	59216 / 59227
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BuNo. 169087 / 169098	59228 / 59239
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BuNo. 169248 / 169279	-
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*- 3 to Pakistan as 786-061 / 063, cancelled.*

BuNo. 169371 / 169379	-
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*- 9 to Pakistan as 786-064 / 072, cancelled.*

BuNo. 169494 / 169519 -  
 BuNo. 169808 / 169860 - 159 **Total: 0159**

**Total: 2393**

*Foreign built – Japan:*

**AH-1S**

*Japanese built version of the AH-1S.*

*First 2 (73401, 73402) were pattern airframes from Bell.*

*produced 1984 – 2000*

(Fuji-Bell)

Fuji Heavy Industries Ltd., Utsunomiya City, Japan

(JGSDF) 73403 / 73492 3 / 92

90 **Total: 0090**

**AH-1 CONVERSIONS & TRANSFERS**

**US Army**

GAH-1E 1+ AH-1E, ground instructional conversions.  
 GAH-1F 1+ AH-1F, ground instructional conversions.  
 JAH-1F 5 3 AH-1G / 2 AH-1S, temporary conversions for tests.  
 TAH-1F 41 AH-1S(MC), dual-control trainers.  
 JAH-1G 1+ AH-1G, 1972, temporary conversions for armament tests.  
 TH-1G 1+ AH-1G, dual-control trainers.  
 (TH-1S(MOD))  
 15 TH-1G, 1984, dual-control trainers with AH-1S upgrades.  
 JAH-1P 1+ AH-1P, temporary conversions for tests.  
 TAH-1P 1+ AH-1P, dual-control trainers.  
 YAH-1Q 8 AH-1G, 1973, prototype anti-armour conversions with TOW missiles.  
 (YAH-1S) 1 YAH-1Q (70-16019), 1974, engine / rotor upgrade, TOW system, flat plate canopy. Fitted with Model 412 4-bladed rotor in 1979.

**((Model 249) Cobra 2000)**

1 YAH-1S, 1986, upgraded avionics, hands-off hovering system.  
**AH-1Q 92** AH-1G, 1973, anti-armour conversions based on YAH-1Q. 290 to be converted but AH-1S(MOD) developed.  
**YAH-1R 1** AH-1G (70-15936), 1974, engine / rotor upgrade, without TOW system.

**Modified AH-1S(MOD)**

**290** 92 AH-1Q / 198 AH-1G, 1975, upgrade conversions based on the YAH-1S, curved canopies. Redesignated as just AH-1S in 1987. Development continued as the production AH-1S.  
 GAH-1S 1+ AH-1S, ground instructional conversions.  
 JAH-1S 1 AH-1S, 1985, temporary conversion for tests with NASA.  
 NAH-1S 1 AH-1S, 1987, permanent conversion for tests with NASA.  
 TAH-1S 10 AH-1S, trainer conversions for AH-64A Apache helicopters.

**USMC**

AH-1T+ 1 AH-1T (BuNo. 161022), 1983, prototype with engine upgrade, developed into the AH-1W variant.  
 (AH-1-4BW) 1 AH-1T+, 1989, testbed with 4-bladed rotor, advanced avionics, later developed into the AH-1Z variant.  
 TAH-1W 1 AH-1W, dual-control trainer.

### (Model 449) AH-1Z Viper

**42** AH-1W, 2000-present, re-manufactured airframes, engine / avionics upgrade, 4-bladed rotor, various improvements. 2 (BuNo. 162559, 162568), not re-serialled. Later allocations are new built airframes.

New s/n:

New c/n:

BuNo. 166477 / 166479

59001 / 59003 (Z1 / Z3)

BuNo. 166759 / 166761

59004 / 59006 (Z4 / Z6)

BuNo. 166772 / 166774

59007 / 59009 (Z7 / Z9)

BuNo. 167809, 167810

59010, 59011 (Z10, Z11)

BuNo. 168000 / 168003

59012 / 59015 (Z12 / Z15)

BuNo. 168049 / 168053

59016 / 59020 (Z16 / Z20)

BuNo. 168398 / 168401

59026 / 59029 (Z26 / Z29)

BuNo. 168418 / 168422

59021 / 59025 (Z21 / Z25)

BuNo. 168516 / 168523

59030 / 59037 (Z30 / Z37)

BuNo. 168798 / 168800

59038 / 59040 (Z38 / Z40)

(NAH-1Z) 1 AH-1Z (BuNo. 166477), permanent conversion for tests.

AH-1A 1 AH-1W (BuNo. 162559), conversion for tests, note the "A" Series Suffix Letter starting at the top of the alphabet again.

### FOREIGN MILITARY / CIVILIAN SERVICE

- AH-1 Cobras in military service with Bahrain, Iran, Israel, Japan, Jordan, Pakistan, South Korea, Spain, Taiwan, Thailand and Turkey.
- Some AH-1 Cobras in service with the US Customs Service and NASA.
- 2 civil conversions as the **Firewatch Cobra** for the USFS.
- Unlicensed AH-1J version built by Iran as the **Panha 2091**.