

HUGHES (McDONNELL DOUGLAS) AH-64 APACHE

AH-64 SERVICE

Manufacturer: Hughes Helicopter Division, Summa Corp., Culver City, California, USA
(In 1981, became Hughes Helicopters Inc., Hughes Corp.)
(In 1984, became McDonnell Douglas Helicopter Co., McDonnell Douglas Corp., Mesa, Arizona, USA)
(In 1997, became Boeing Helicopter Co., The Boeing Co.)

Model: Model 77

Designation: H-64 (AH-64)

Names: Apache; Apache Longbow (AH-64D), Apache Guardian (AH-64E)

First official flight: YAH-64A 30/09/1975

Factory production period: 1974 – 1975 (prototypes)
1982 – present (production)

Primary service period: 1984 – present

Last official flight: - -

AH-64 VARIANTS

1975	Model 77	YAH-64A(GTV)	1	
1975	Model 77	YAH-64A	5	Total: 0006
1984	Model 77	AH-64A	937	Total: 0937
1997	Model 77	AH-64D	167	
1998	Model 77	Apache AH.Mk. 1	67	Total: 0234
				<u>Total: 1177</u>
<i>Foreign built – Japan:</i>				
2006	Model 77	AH-64DJP	10	Total: 0010

AH-64 PRODUCTION

YAH-64A(GTV)

*Non-flyable, Ground-Test-Vehicle for demonstration tests.
produced 1974 – 1975
Hughes Culver City, California (HU)
74-22247 AV-01*

1 Total: 0001

YAH-64A

*Prototype, twin-engined, 4-bladed rotor, attack helicopter for US Army. Second batch of 3 were service test airframes.
produced 1974 – 1977
Hughes Culver City, California (HU)*

74-22248, 74-22249	AV-02, AV-03	
79-23257 / 79-23259	AV-04 / AV-06	5 Total: 0005

AH-64A

As YH-64A, refined design, various improvements. Fuselages built by Teledyne Ryan Aeronautical, San Diego. Foreign orders upgraded to AH-64D. produced 1982 – 1996

Hughes Mesa, Arizona

82-23355 / 82-23365	PV-001 / PV-011	
83-23787 / 83-23834	PV-012 / PV-059	59

McDonnell Douglas Mesa, Arizona

84-24200 / 84-24311	PV-060 / PV-171	
<i>- 16 to Israel, mixed 905 to 950.</i>		

85-25351 / 85-25488	PV-172 / PV-309	
<i>- 8 to Israel, mixed 953 to 970.</i>		

86-08940 / 86-09055	PV-310 / PV-425	
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87-00407 / 87-00507	PV-426 / PV-526	
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88-00197 / 88-00263	PV-527 / PV-593	
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88-00275 / 88-00284	PV-594 / PV-603	
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89-00192 / 89-00263	PV-604 / PV-675	
<i>- 17 to Israel.</i>		

90-00280 / 90-00345	PV-676 / PV-741	
<i>- 6 to Saudi Arabia.</i>		

90-00415 / 90-00522	PV-742 / PV-849	790
<i>- 24 to Egypt as 3701 / 3724.</i>		

- 6 to Saudi Arabia.

- 6 to UAE as 050 / 055.

169 additional airframes cancelled.

AH-64A+

Avionics / weapons upgrade.

90-00536, 90-00537	PV-888, PV-889	
<i>- 2 to Greece as ES1013, ES1014.</i>		

91-00110, 91-00111	PV-890, PV-891	
<i>- 2 to Greece as ES1015, ES1016.</i>		

91-00112 / 91-00116	PV-850 / PV-854	
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91-00117 / 91-00122	PV-869 / PV-874	
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91-00123	PV-876	
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92-00478 / 92-00481	PV-892 / PV-895	
<i>- 4 to Greece as ES1017 / ES1020.</i>		

92-00482 / 92-00485	PV-902 / PV-905	
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92-00486	PV-875	
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- 1 to Greece as ES1001.

92-00487 / 92-00497	PV-877 / PV-887	
<i>- 11 to Greece as ES1002 / ES1012.</i>		

92-00498 / 92-00511	PV-855 / PV-868	
<i>- 14 to UAE as 056 / 069.</i>		

92-00512 / 92-00517	PV-896 / PV-901	
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94-00328 / 94-00347	PV-906 / PV-925	
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- 10 to UAE as 070 / 079.

95-00108 / 95-00119	PV-926 / PV-937	88
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- 12 to Egypt as 3725 / 3736.

Total: 0937

AH-64D

As AH-64D conversions, new-built version for US Army and export.

produced

McDonnell Douglas Mesa, Arizona

92-05408

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1

- 1 British Army prototype

WAH-64D.

Boeing Helicopters Mesa, Arizona

98-00101 / 98-00130 DN-001 / DN-030

- 30 to The Netherlands as

AH-64DN, Q-01 / Q-30.

99-02050 / 99-02057 SN-001 / SN-008

- 8 to Singapore.

01-02058 / 01-02069 SN-009 / SN-020

- 12 to Singapore as 058 / 069.

01-02611 / 01-02618 DIN-001 / DIN-008

- 8 to Israel, mixed 719 to 746.

02-00001, 02-00002 JP-001, JP-002

- 2 to JGSDF as **AH-64DJP**,
74501, 74502.

03-01021 / 03-01032 HA-001 / HA-012

- 12 to Greece as **AH-64DHA**,
ES1021 / ES1032.

04-00001 / 04-00016 KU-001 / KU-016

- 16 to Kuwait as KAF 001 / 016.

05-07001 / 05-07013 DUS-001 / DUS-013

06-07014 / 06-07027 DUS-014 / DUS-027

07-07028 / 07-07047 DUS-028 / DUS-047

08-07048 / 08-07050 DUS-048 / DUS-050

09-07051 / 09-07066 DUS-051 / DUS-066

10-07067 DUS-067

11-07068 DUS-068

13-00523 / 13-00532 EN-001 / EN-010

166 **Total: 0167**

- 10 to Egypt as 3737 / 3746.

Apache AH.Mk. 1

As AH-64D, version for British Army with RR engine upgrade. US supplied kits for local assembly, first 8 built by Boeing in the US.

*US designation: **WAH-64D.***

produced 1998 – 2004

Westland Helicopters Ltd., Yeovil,

Somerset, England

In 1999, became Augusta-Westland.

(Army) ZJ166 / ZJ200 WAH.1 / WAH.35

(Army) ZJ202 / ZJ233 WAH.36 / WAH.67

67 **Total: 0067**

Total: 1177

Foreign built – Japan:

AH-64DJP

License built version of the AH-64D.

produced 2006 – present

Fuji Heavy Industries Ltd., Japan

(JGSDF) 74503 / 74512 JP-003 / JP-012

10 **Total: 0010**

AH-64 CONVERSIONS

US Army

GAH-64A	18	AH-64A, conversions for ground instructional duties. 1 additional AH-64A built from spares with s/n: 99-01804.
JAH-64A	7	AH-64A, temporary conversions for tests.
AH-64B	254	1991, <i>proposed AH-64A avionics / weapons upgrade, cancelled.</i>
AH-64D	7	AH-64A(82-23356, 89-00192, 89-00228, 90-00324, 90-00423, 85-25477, 85-25408), 1991, prototype development conversions to near AH-64D standard. Designated as AH-64C until 1993.

AH-64D Apache Longbow

713	AH-64A, 1997-present, re-manufactured airframes, major avionics / weapons / engine upgrade, mast mounted Longbow radome. New s/n: New c/n: 96-05001 / 96-05024 PVD-001 / PVD-024 97-05025 / 97-05048 PVD-025 / PVD-048 98-05049 / 98-05092 PVD-049 / PVD-092 99-05093 / 99-05158 PVD-093 / PVD-158 00-05159 / 00-05232 PVD-159 / PVD-232 01-05233 / 01-05284 PVD-233 / PVD-284 02-05285 / 02-05344 PVD-285 / PVD-344 03-05345 / 03-05418 PVD-345 / PVD-418 04-05419 / 04-05482 PVD-419 / PVD-482 05-05483 / 05-05501 PVD-483 / PVD-501 07-05502 / 07-05537 PVD-502 / PVD-537 08-05538 / 08-05573 PVD-538 / PVD-573 09-05574 / 09-05690 PVD-574 / PVD-690 11-05691 / 11-05713 PVD-691 / PVD-713
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GAH-64D	14	AH-64A, conversions for advanced ground instructional duties. New s/n: New c/n: 99-00001 / 99-00007 L7-1 / L7-7 99-00008 / 99-00014 L6-1 / L6-7
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(AH-64E Apache Guardian)

171	AH-64D, 2011-present, re-manufactured airframes, major avionics / weapons / engine upgrade. New built from 2019. New s/n: New c/n: 10-09001 / 10-09008 B3001 / B3008 11-09009 / 11-09024 B3009 / B3024 12-09025 / 12-09043 B3025 / B3043 13-01601 / 13-01636 - - 36 to South Korea. 13-03001 / 13-03008 NM001 / NM008 14-00001 / 14-00008 - - 8 to Saudi Arabia. 14-03009 / 14-03045 NM009 / NM045 15-03046 / 15-03084 NM046 / NM084
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FOREIGN MILITARY SERVICE

- *AH-64 Apaches in military service with Egypt, Greece, India, Indonesia, Israel, Japan, Kuwait, The Netherlands, Saudi Arabia, Singapore, South Korea, Taiwan, United Arab Emirates (UAE) and the United Kingdom.*