

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.)
(In 2002, became Boeing Rotorcraft Systems, The Boeing Co.)

Model: 77

Designation: H-64 (AH-64)

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

First official flight: YAH-64A 30 Sep 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
-	Model 77	AH-64E	63	
2020	Model 77	Apache AH.Mk. 2	50	Total: 0113
				<u>Total: 1290</u>
		<i>Foreign built – Japan:</i>		
2006	Model 77	AH-64DJP	10	<u>Total: 0010</u>

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

- 16 to Israel, mixed 905 to 950.

85-25351 / 85-25488 PV-172 / PV-309

- 8 to Israel, mixed 953 to 970.

86-08940 / 86-09055 PV-310 / PV-425

87-00407 / 87-00507 PV-426 / PV-526

88-00197 / 88-00263 PV-527 / PV-593

88-00275 / 88-00284 PV-594 / PV-603

89-00192 / 89-00263 PV-604 / PV-675

- 17 to Israel.

90-00280 / 90-00345 PV-676 / PV-741

- 6 to Saudi Arabia.

90-00415 / 90-00522 PV-742 / PV-849

790

- 24 to Egypt as 3701 / 3724.

- 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

- 2 to Greece as ES1013, ES1014.

91-00110, 91-00111 PV-890, PV-891

- 2 to Greece as ES1015, ES1016.

91-00112 / 91-00116 PV-850 / PV-854

91-00117 / 91-00122 PV-869 / PV-874

91-00123 PV-876

92-00478 / 92-00481 PV-892 / PV-895

- 4 to Greece as ES1017 / ES1020.

92-00482 / 92-00485 PV-902 / PV-905

92-00486 PV-875

- 1 to Greece as ES1001.

92-00487 / 92-00497 PV-877 / PV-887

- 11 to Greece as ES1002 / ES1012.

92-00498 / 92-00511 PV-855 / PV-868

- 14 to UAE as 056 / 069.

92-00512 / 92-00517 PV-896 / PV-901

94-00328 / 94-00347	PV-906 / PV-925		
- 10 to UAE as 070 / 079.			
95-00108 / 95-00119	PV-926 / PV-937	88	Total: 0937
- 12 to Egypt as 3725 / 3736.			

AH-64D

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

produced

McDonnell Douglas Mesa, Arizona

92-05408	-	1	
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- 1 British Army prototype

WAH-64D.

Boeing Helicopter Mesa, Arizona

98-00101 / 98-00130	DN-001 / DN-030		
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- 30 to The Netherlands as

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

99-02050 / 99-02057	SN-001 / SN-008		
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- 8 to Singapore.

01-02058 / 01-02069	SN-009 / SN-020		
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- 12 to Singapore as 058 / 069.

01-02611 / 01-02618	DIN-001 / DIN-008		
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- 8 to Israel, mixed 719 to 746.

02-00001, 02-00002	JP-001, JP-002		
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- 2 to JGSDF as **AH-64DJP**,
74501, 74502.

03-01021 / 03-01032	HA-001 / HA-012		
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- 12 to Greece as **AH-64DHA**,
ES1021 / ES1032.

04-00001 / 04-00016	KU-001 / KU-016		
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- 16 to Kuwait as KAF 001 / 016.

05-07001 / 05-07013	DUS-001 / DUS-013		
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06-07014 / 06-07027	DUS-014 / DUS-027		
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07-07028 / 07-07047	DUS-028 / DUS-047		
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08-07048 / 08-07050	DUS-048 / DUS-050		
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09-07051 / 09-07066	DUS-051 / DUS-066		
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10-07067	DUS-067		
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11-07068	DUS-068		
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13-00523 / 13-00532	EN-001 / EN-010	166	Total: 0167
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- 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 Agusta-Westland.

(Army) ZJ166 / ZJ200	WAH.1 / WAH.35		
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(Army) ZJ202 / ZJ233	WAH.36 / WAH.67	67	Total: 0067
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AH-64E

As AH-64E rebuilds.

produced

Boeing Rotorcraft Mesa, Arizona

14-01001 / 14-01017 NB-001 / NB-017 17

15-4801 / 15-4822 - 22

- 22 to India as ZV4801 / ZV4822.

19-0001 / 19-0024 QT-001 / QT-024 24 **Total: 0063**

- 24 to Qatar as QA110 / QA133.

Apache AH.Mk. 2

As AH-64E, version for British Army.

produced 2020 – present

Boeing Rotorcraft Mesa, Arizona

16-00101 / 16-00150 UD-001 / UD-050 50 **Total: 0050**

All delivered as:

(Army) ZM700 / ZM749

AH-64F – 2014, proposed performance upgrades, cancelled.

Total: 1290

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 & TRANSFERS

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, proposed AH-64A avionics / weapons upgrade, cancelled.

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

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

(AH-64E Apache Guardian)

478 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 B-3001 / B-3008
 11-00001 / 11-00030 TW-001 / TW-030
 - 30 to Taiwan as 801 / 830.
 11-09009 / 11-09024 B-3009 / B-3024
 12-09025 / 12-09043 B-3025 / B-3043
 13-01601 / 13-01636 -
 - 36 to South Korea.
 13-03001 / 13-03008 NM-001 / NM-008
 14-00001 / 14-00027 -
 - 27 to Saudi Arabia as 40001 / 40027.
 14-03009 / 14-03045 NM-009 / NM-045
 15-03046 / 15-03080 NM-046 / NM-080
 16-03081 / 16-03115 NM-081 / NM-115
 17-03116 / 17-03197 NM-116 / NM-197
 18-02198 / 18-03249 NM-198 / NM-249
 19-03250 / 19-03308 NM-250 / NM-308
 20-03309 / 20-03342 NM-309 / NM-342

FOREIGN MILITARY SERVICE

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