

# DOUGLAS A4D SKYHAWK

## SKYHAWK SERVICE

*Manufacturer:* The Douglas Aircraft Co. Inc., Santa Monica, California, USA  
(In 1967, became McDonnell Douglas Corp., Douglas Aircraft Co. Division, Long Beach, California, USA)

*Model:* -

*Designations:* A4D; A-4

*Names:* Skyhawk; Skyhawk II (A-4M/N), Fightinghawk (A/TA-4AR),  
Super Skyhawk (A/TA-4SU)

*First official flight:* XA4D-1 22/06/1954

*Factory production period:* 1953 – 1979

*Primary service period:* 1956 – 1990

*Last official flight:* TA-4J 20/10/1999

## SKYHAWK VARIANTS

1954	Model: -	XA4D-1	1	<b>Total: 0001</b>
1954	Model: -	YA4D-1 (YA-4A)	19	
1955	Model: -	A4D-1 (A-4A)	146	<b>Total: 0165</b>
1956	Model: -	A4D-2 (A-4B)	542	
1958	Model: -	A4D-2N (A-4C)	638	<b>Total: 1180</b>
1961	Model: -	YA4D-5 (YA-4E)	2	
1961	Model: -	A4D-5 (A-4E)	497	<b>Total: 0499</b>
1965	Model: -	TA-4E	2	
1966	Model: -	A-4F	147	
1966	Model: -	T4-4F	238	
1967	Model: -	A-4G	8	
1967	Model: -	TA-4G	2	
1967	Model: -	A-4H	90	
1967	Model: -	TA-4H	10	
1968	Model: -	TA-4J	293	
1969	Model: -	A-4K	10	
1970	Model: -	TA-4K	4	<b>Total: 0804</b>
1970	Model: -	A-4M	158	
1972	Model: -	A-4N	117	
1976	Model: -	A-4KU	30	
1976	Model: -	TA-4KU	6	<b>Total: 0311</b>
				<b><u>Total: 2960</u></b>



**YA4D-5**

*As A4D-2N, prototypes with engine upgrade,  
armament upgrade, minor changes.  
Redesignated as YA-4E in 1962.*

*produced 1961*

Douglas El Segundo, California (D)

BuNo. 148613, 148614	12806, 12807	2	<b>Total: 0002</b>
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**A4D-5**

*As YA4D-5, full production airframes.  
All but first 6 airframes delivered as A-4E.  
produced 1961 - 1966*

Douglas El Segundo, California (D)  
& Douglas Long Beach, California

BuNo. 149647 / 149666	12972 / 12991		
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BuNo. 149959 / 150138	13012 / 13191		
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BuNo. 151022 / 151201	13192 / 13371		
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BuNo. 151984 / 152100	13372 / 13488	497	<b>Total: 0497</b>
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*60 additional airframes cancelled.*

*A4D-6 – 1963, proposed airframe / engine upgrade, cancelled.*

**TA-4E**

*As A4D-5, prototype 2-seater trainers, interim  
designation only, later redesignated as TA-4F.  
produced 1965*

Douglas Long Beach, California

BuNo. 152102, 152103	13490, 13491	2	<b>Total: 0002</b>
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**A-4F**

*As A4D-5, engine upgrade, avionics upgrade  
located in raised dorsal hump, minor changes.  
produced 1966 – 1968*

Douglas Long Beach, California

BuNo. 152101	13489		
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BuNo. 154172 / 154217	13629 / 13674		
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BuNo. 154970 / 155069	13786 / 13885	147	<b>Total: 0147</b>
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*69 additional airframes cancelled.*

**TA-4F**

*As A-4E/F, 2-seater trainers.  
Most later upgraded to TA-4J standards.  
produced 1965 – 1967*

Douglas Long Beach, California

BuNo. 152846 / 152878	13492 / 13524		
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BuNo. 153459 / 153531	13525 / 13597		
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BuNo. 153660 / 153690	13598 / 13628		
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BuNo. 154287 / 154343	13675 / 13731		
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BuNo. 154614 / 154657	13732 / 13775	238	<b>Total: 0238</b>
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**A-4G**

*As A-4E/F, version for Royal Australian Navy.*

*Additional 8 later converted from A-4F.*

*8 to RNZAF in 1984, upgraded as A-4K.*

*produced 1967*

McDonnell Douglas Long Beach, California

BuNo. 154903 / 154910                      13776 / 13783

8    **Total: 0008**

*All delivered as:*

(RAN) N13-154903 / N13-154910

**TA-4G**

*As A-4G, 2-seater trainers for RAN.*

*Additional 2 later converted from TA-4F.*

*2 to RNZAF in 1984, upgraded as TA-4K.*

*produced 1967*

McDonnell Douglas Long Beach, California

BuNo. 154911, 154912                      13784, 13785

2    **Total: 0002**

*All delivered as:*

(RAN) N13-154911, N13-154912

**A-4H**

*As A-4E/F, land based version for Israel.*

*produced 1967 – 1968*

McDonnell Douglas Long Beach, California

BuNo. 155242 / 155289                      13936 / 13983

BuNo. 157395 / 157428                      14044 / 14077

BuNo. 157918 / 157925                      14098 / 14105

90    **Total: 0090**

**TA-4H**

*As A-4H, 2-seater trainers for Israel.*

*produced 1967*

McDonnell Douglas Long Beach, California

BuNo. 157429 / 157434                      14078 / 14083

BuNo. 157926 / 157929                      14106 / 14109

10    **Total: 0010**

*A-4I – Not used.*

**TA-4J**

*As TA-4F, down-rated engine, armament deleted.*

*produced 1968 – 1975*

McDonnell Douglas Long Beach, California

BuNo. 155070 / 155119                      13886 / 13935

BuNo. 156891 / 156950                      13984 / 14043

BuNo. 158073 / 158147                      14110 / 14184

BuNo. 158453 / 158527                      14258 / 14332

BuNo. 158712 / 158723                      14333 / 14344

BuNo. 159099 / 159104                      14405 / 14410

BuNo. 159546 / 159556                      14466 / 14476

BuNo. 159795 / 159798                      14494 / 14497

293    **Total: 0293**

**A-4K**

*As A-4F, land based version for RNZAF.*

*produced 1969 – 1970*

McDonnell Douglas Long Beach, California

BuNo. 157904 / 157913                      14084 / 14093

10    **Total: 0010**

*All delivered as:*

(RNZAF) NZ6201 / NZ6210

**TA-4K**

*As A-4K, 2-seater trainers for RNZAF.*

*produced 1970*

McDonnell Douglas Long Beach, California

BuNo. 157914 / 157917                      14094 / 14097

4    **Total: 0004**

*All delivered as:*

(RNZAF) NZ6251 / NZ6254

**A-4M Skyhawk II**

*As A-4F, land based USMC version with fuselage engine / armament upgrade, angled refuelling probe, minor changes.*

*produced 1970 – 1979*

McDonnell Douglas Long Beach, California

BuNo. 158148 / 158196                      14185 / 14233

BuNo. 158412 / 158435                      14234 / 14257

BuNo. 159470 / 159493                      14411 / 14434

BuNo. 159778 / 159790                      14477 / 14489

BuNo. 160022 / 160045                      14524 / 14547

BuNo. 160241 / 160264                      14584 / 14607

158    **Total: 0158**

*4 additional airframes cancelled.*

**A-4N Skyhawk II**

*As A-4M, land based version for Israel with upgraded avionics.*

*produced 1972 – 1976*

McDonnell Douglas Long Beach, California

BuNo. 158726 / 158743                      14345 / 14362

BuNo. 159035 / 159052                      14363 / 14380

BuNo. 159075 / 159098                      14381 / 14404

BuNo. 159515 / 159545                      14435 / 14465

BuNo. 159799 / 159824                      14498 / 14523

117    **Total: 0117**

**A-4KU**

*As A-4M, land based version for Kuwait.*

*produced 1976 – 1977*

McDonnell Douglas Long Beach, California

BuNo. 160180 / 160209                      14548 / 14577

30    **Total: 0030**

*All delivered as:*

(Kuwait) 801 / 830

## TA-4KU

As A-4KU, 2-seater trainers for Kuwait.

produced 1976 – 1977

McDonnell Douglas Long Beach, California

BuNo. 160210 / 160215                      14578 / 14583

6    **Total: 0006**

All delivered as:

(Kuwait) 881 / 886

**Total: 2960**

## **SKYHAWK CONVERSIONS**

### **US Navy**

YA4D-2	1	A4D-2, conversion for development tests.
(YA-4B)	1	1962, redesignation of YA4D-2.
YA4D-2N	1	A4D-2N, conversion for development tests.
(YA-4C)	1	1962, redesignation of YA4D-2N.
TA-4A	1+	A-4A, conversions for training duties.
TA-4B	1+	A-4B, conversions for training duties.
NA-4C	1	A-4C, permanent conversion for development tests.
NA-4E	2	YA-4E, permanent conversions for test flying.
EA-4F	1+	A-4F, conversions with ECM equipment.
ETA-4F	1	TA-4F, ECM trainer.
YA-4F	1	A-4E(150050), A-4F systems prototype.
EA-4J	1+	TA-4J, conversions with ECM equipment.
<b>A-4L</b>	<b>100</b>	A-4C, 1969, engine / avionics upgrades with minor changes.
OA-4M	23	TA-4F, 1978, avionics upgrades for USMC air coordination duties.
A-4Y	1+	A-4M, structural / avionics upgrades, designation not actually used.

### **Foreign Conversions**

#### ***A-4AR Fightinghawk***

32    A-4M, 1995, refurbished airframes for Argentina. Upgrades by Lockheed Air Service Inc. (LAS), California.

#### ***TA-4AR Fightinghawk***

4    OA-4M, 1995, as A-4AR but for training duties.

A-4P            75    A-4B, 1965, refurbished airframes for the Argentinean Air Force.  
First 25 upgraded by Douglas Aircraft Co., Oklahoma, delivered 1966.  
Second 25 delivered, 1969. Last 25 upgraded by Lockheed Air Service Inc. (LAS), California, delivered 1975.

A-4PTM        34    A-4C/A-4L, 1984-1999, PTM – Peculiar To Malaysia, refurbished airframes for the RMAF. Upgraded by Grumman Aerospace Corp., Florida.

TA-4PTM        6    A-4C/A-4L, 1984-1999, as A-4PTM but converted 2-seater trainers.

A-4Q            16    A-4B, 1971-1986, refurbished airframes for the Argentinean Navy.

**A-4S**            **45**    A-4B, 1973-1993, refurbished airframes for Singapore. Upgrades by Lockheed Air Service Inc. (LAS), California & Singapore (LASS).

**A-4S-1**        **51**    A-4B/C, 1982-1986, refurbished airframes for Singapore, minor upgrades. Completed by Singapore Aircraft Industries (SAI), Singapore.

#### ***(A-4SU Super Skyhawk)***

**51**    A-4S-1, 1986, engine / avionics upgrade. Completed by Singapore Technologies Aerospace (STAE), Singapore.

<b>TA-4S</b>	<b>7</b>	A-4B, 1975-1993, as A-4S, converted as 2-seater trainers with unique separate twin canopies.
<b>TA-4S-1</b>	<b>24</b>	A-4B/C, 1982-1986, as A-4S-1 but 2-seater trainers.
<b>(TA-4SU Super Skyhawk)</b>		
	<b>24</b>	TA-4S-1, 1986, as A-4SU but 2-seater trainers.
<i>A-4T</i>	-	<i>Proposed conversions for French Navy, cancelled.</i>
AF-1	20	A-4KU, 1998, Brazilian designation, major upgrades for Brazil.
AF-1A	3	TA-4KU, 1998, Brazilian designation, major upgrades for Brazil.

#### **FOREIGN MILITARY SERVICE**

- *A-4's purchased as new for the Air Forces or Navies of Australia, Israel, Kuwait and New Zealand.*
- *A-4's purchased second hand for the Air Forces or Navies of Argentina, Australia, Brazil, Indonesia, Israel, Malaysia and Singapore.*