

DOUGLAS AD SKYRAIDER

SKYRAIDER SERVICE

Manufacturer: The Douglas Aircraft Co. Inc., Santa Monica, California, USA

Model: -

Designations: AD; A-1, BT2D

Names: Skyraider; Dauntless II (BT2D-1)

First official flight: XBT2D-1 18 Mar 1945

Factory production period: 1944 – 1957

Primary service period: 1946 – 1972

Last official flight: A-1 07 Nov 1972

SKYRAIDER VARIANTS

1945	Model -	XBT2D-1	25	Total: 0025
1946	Model -	AD-1	242	
1947	Model -	AD-1Q	35	Total: 0277
1948	Model -	AD-2	156	
1948	Model -	AD-2Q	21	
1948	Model -	AD-2QU	1	Total: 0178
1948	Model -	AD-3	125	
1949	Model -	AD-3N	15	
1949	Model -	AD-3Q	23	
1949	Model -	AD-3W	31	Total: 0194
1949	Model -	AD-4	372	
1952	Model -	AD-4B	165	
1951	Model -	AD-4N	307	
1949	Model -	AD-4Q	39	
1950	Model -	AD-4W	168	Total: 1051
1951	Model -	AD-5	212	
1953	Model -	AD-5N	239	
1953	Model -	AD-5S	1	
1953	Model -	AD-5W	218	Total: 0670
1953	Model -	AD-6	713	Total: 0713
1956	Model -	AD-7	72	Total: 0072
				<u>Total: 3180</u>

SKYRAIDER PRODUCTION

XBT2D-1 *Dauntless II*

Prototype single engined torpedo / dive bomber, bubble canopy, 4-bladed prop, 2 wing cannons. Last 21 aircraft with engine upgrade.

produced 1944 – 1946

Douglas El Segundo, California (D)

BuNo. 09085 / 09109 1913 / 1937 25 **Total: 0025**

- 19 as **BT2D-1**, later **XAD-1**.

- 2 as **XBT2D-1N**, later **XAD-1N**.

- 1 as **XBT2D-1P**, later **XAD-1P**.

- 1 as **XBT2D-1Q**, later **XAD-1Q**.

- 1 as **XBT2D-1W**, later **XAD-1W**.

- 1 as **XAD-2**.

265 additional airframes cancelled.

AD-1

As XBT2D-1, strengthened wing section and u/c.

produced 1946 – 1948

Douglas El Segundo, California (D)

BuNo. 09110 / 09351 1938 / 2179 242 **Total: 0242**

6 additional airframes cancelled.

AD-1Q

As AD-1, 2-seater ECM version, underwing pod.

produced 1947 – 1948

Douglas El Segundo, California (D)

BuNo. 09352 / 09386 2180 / 2214 35 **Total: 0035**

AD-2

As AD-1, strengthened airframe, u/c doors added, engine upgrade, more fuel capacity.

produced 1948

Douglas El Segundo, California (D)

BuNo. 122210 / 122365 6673 / 6828 156 **Total: 0156**

AD-2Q

As AD-2, 2-seater ECM version.

produced 1948 – 1949

Douglas El Segundo, California (D)

BuNo. 122366 / 122372 6829 / 6835

BuNo. 122374 / 122387 6837 / 6850 21 **Total: 0021**

AD-2QU

As AD-2Q, target-towing aircraft.

produced 1948

Douglas El Segundo, California (D)

BuNo. 122373 6836 1 **Total: 0001**

AD-3

As AD-2, longer u/c, redesigned cockpit canopy, improved prop, cooling system.
produced

Douglas El Segundo, California (D)

BuNo. 122729 / 122853 6851 / 6975

125 **Total: 0125**

- BuNo. 122853 modified as AD-4 prototype.

AD-3N

As AD-3, 3-seater night-attack version.
produced 1949 – 1950

Douglas El Segundo, California (D)

BuNo. 122908 / 122922 7030 / 7044

15 **Total: 0015**

AD-3Q

As AD-3, 2-seater ECM version, also able to convert to **AD-3QU** for target-towing duties.

produced

Douglas El Segundo, California (D)

BuNo. 122854 / 122876 6976 / 6998

23 **Total: 0023**

AD-3W

As AD-3, 3-seater AEW version, radome, extended cockpit aft section and stabilising fins.

produced

Douglas El Segundo, California (D)

BuNo. 122877 / 122907 6999 / 7029

31 **Total: 0031**

AD-4

As AD-3, strengthened airframe, minor changes. 28 later converted to **AD-4B**.
produced

Douglas El Segundo, California (D)

BuNo. 123771 / 124006 7077 / 7312

BuNo. 127844 / 127879 7859 / 7894

BuNo. 128917 / 129016 8235 / 8334

372 **Total: 0372**

30 additional airframes cancelled.

AD-4B

As AD-4, nuclear bomber with special bomb racks, 4 wing cannons. 28 converted from **AD-4**.

produced

Douglas El Segundo, California (D)

BuNo. 132227 / 132391 8335 / 8499

165 **Total: 0165**

14 additional airframes cancelled.

AD-4N

As AD-4, 3-seater night-attack version.
produced

Douglas El Segundo, California (D)

BuNo. 124128 / 124156 7434 / 7462

BuNo. 124725 / 124760 7535 / 7570

BuNo. 125707 / 125764 7600 / 7657

- 35 as **AD-4N**.

- 23 as **AD-4NA**.

BuNo. 126876 / 127018 7676 / 7818

	BuNo. 127880 / 127920	7895 / 7935	307	Total: 0307
AD-4Q	<i>As AD-4, 2-seater ECM version. produced</i>			
	Douglas El Segundo, California (D)			
	BuNo. 124037 / 124075	7343 / 7381	39	Total: 0039
AD-4W	<i>As AD-4, AEW version with ventral radome, extended cockpit aft section and stabilising fins. produced</i>			
	Douglas El Segundo, California (D)			
	BuNo. 124076 / 124127	7382 / 7433		
	BuNo. 124761 / 124777	7571 / 7587		
	BuNo. 125765 / 125782	7658 / 7675		
	BuNo. 126836 / 126875	7819 / 7858		
	BuNo. 127921 / 127961	7936 / 7976	168	Total: 0168
AD-5	<i>As AD-4, redesigned wider fuselage, engine upgrade, larger 2-seater extended cockpit, taller tail, 4 wing cannons. Kits supplied for transport or target-tug conversion. produced</i>			
	Douglas El Segundo, California (D)			
	BuNo. 132392 / 132476	9409 / 9493		
	BuNo. 132478	8873		
	BuNo. 132637 / 132686	9494 / 9543		
	BuNo. 133854 / 133929	9544 / 9619	212	Total: 0212
	<i>275 additional airframes cancelled.</i>			
AD-5N	<i>As AD-5, 4-seater night-attack version. produced</i>			
	Douglas El Segundo, California (D)			
	BuNo. 132477	8872		
	BuNo. 132480 / 132636	8875 / 9031		
	BuNo. 134974 / 135054	10051 / 10131	239	Total: 0239
	<i>84 additional airframes cancelled.</i>			
AD-5S	<i>As AD-5, ASW aircraft, later converted to AD-5N. produced</i>			
	Douglas El Segundo, California (D)			
	BuNo. 132479	8874	1	Total: 0001
AD-5W	<i>As AD-5, Airborne Early Warning aircraft with ventral radome. produced</i>			
	Douglas El Segundo, California (D)			
	BuNo. 132729 / 132792	9325 / 9388		
	BuNo. 133757 / 133776	9389 / 9408		

BuNo. 135139 / 135222	10216 / 10299		
BuNo. 139556 / 139605	11054 / 11103	218	Total: 0218

96 additional airframes cancelled.

AD-6

As AD-4B, single-seater cockpit, minor changes.

produced 1953 – 1956

Douglas El Segundo, California (D)

BuNo. 134466 / 134637	9695 / 9866		
BuNo. 135223 / 135406	9867 / 10050		
BuNo. 137492 / 137632	10568 / 10708		
BuNo. 139606 / 139821	10838 / 11053	713	Total: 0713

AD-7

As AD-6, engine upgrade, strengthened u/c, minor changes.

produced 1956 – 1957

Douglas El Segundo, California (D)

BuNo. 142010 / 142081	11490 / 11561	72	Total: 0072
-----------------------	---------------	----	--------------------

168 additional airframes cancelled.

Total: 3180

SKYRAIDER CONVERSIONS & TRANSFERS

US Navy

XBT2D-1N	2	XBT2D-1 (BuNo. 09098, 09099), 1945, prototype 3-seater night-attack version.
(XAD-1N)	2	1946, redesignation of XBT2D-1N.
XBT2D-1P	1	XBT2D-1 (BuNo. 09096), 1945, prototype photo reconn. version.
(XAD-1P)	1	1946, redesignation of XBT2D-1P.
XBT2D-1Q	1	XBT2D-1 (BuNo. 09109), 1945, prototype ECM version.
(XAD-1Q)	1	1946, redesignation of XBT2D-1Q.
XBT2D-1W	1	XBT2D-1 (BuNo. 09107), 1946, prototype Early Warning aircraft.
(XAD-1W)	1	1946, redesignation of XBT2D-1W.
AD-1S	1	AD-1Q, conversion for anti-submarine duties.
XAD-2	2	XBT2D-1 (BuNo. 09108), 1946, prototype for larger Skyraider version, engine upgrade, original designation was XBT2D-2. AD-1 (BuNo. 09195), prototype with engine upgrade, more fuel.
AD-2D	2	AD-2, drone director aircraft used in nuclear tests.
AD-3E	2	AD-3W, "E" for electronic search duties.
AD-3S	2	AD-3N, "S" for anti-submarine duties.
AD-4L	63	AD-4, winter version with de-icer boots, 4 wing cannons.
AD-4NA	100	AD-4N (23 factory built), conversions for day attack, 4 wing cannons.
AD-4NL	37	AD-4N, winterised version of the AD-4N, 4 wing cannons.
XAD-5	1	AD-4 (BuNo. 124006), prototype to the AD-5.
AD-5Q	54	AD-5N, conversions with ECM equipment.
AD-5R	1+	AD-5, designation when converted as a transport.
AD-5U	1+	AD-5, designation when converted for target-towing.

US Navy / USAF (1962 redesignations)

USAF s/n: original BuNo. prefixed by the FY digits of the original USN order.

A-1D	1+	1962, redesignation of the AD-4NA.
A-1E	1+	1962, redesignation of the AD-5.
(NA-1E)	1	A-1E (BuNo. 132443), conversion for testing.
EA-1E	1+	1962, redesignation of the AD-5W. A few later upgraded to EA-1E2.
UA-1E	1+	1962, redesignation of the AD-5U.
EA-1F	1+	1962, redesignation of the AD-5Q.
A-1G	1+	1962, redesignation of the AD-5N.
(NA-1G)	1	A-1G (BuNo. 132598), conversion for testing.
A-1H	1+	1962, redesignation of the AD-6.
A-1J	1+	1962, redesignation of the AD-7.

British Royal Navy

Skyraider AEW.Mk. 1 **50** AD-4W, 1951-1962, aircraft in service with the Royal Navy.
Assigned RN s/n: WT761, WT849, WT943 / WT969,
WT982 / WT987, WV102 / WV107, WV177 / WV185.
WT943 (ex-WT097), WT982 (ex-WT112),
WT983 (ex-WT121).

FOREIGN MILITARY SERVICE

- *Skyraiders in service with the Air Forces of Cambodia (ex. French), Chad (ex-French), France, Gabon (ex-French), South Vietnam (ex-USAF) and Sweden.*