

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 18/03/1945

Factory production period: 1944 – 1957

Primary service period: 1946 – 1972

Last official flight: A-1 07/11/1972

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 torpedo / dive bomber, single seater, 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 and 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

As AD-4, 2-seater ECM version.

produced

Douglas El Segundo, California (D)

BuNo. 124037 / 124075 7343 / 7381 39 **Total: 0039**

AD-4W

As AD-4, AEW version with ventral radome, extended cockpit aft section and stabilising fins.

produced

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

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

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**

275 additional airframes cancelled.

AD-5N

As AD-5, 4-seater night-attack version.

produced

Douglas El Segundo, California (D)

BuNo. 132477 8872

BuNo. 132480 / 132636 8875 / 9031

BuNo. 134974 / 135054 10051 / 10131

239 **Total: 0239**

84 additional airframes cancelled.

AD-5S

*As AD-5, ASW aircraft, later converted to **AD-5N**.*

produced

Douglas El Segundo, California (D)

BuNo. 132479 8874

1 **Total: 0001**

AD-5W

As AD-5, Airborne Early Warning aircraft with ventral radome.

produced

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

US Navy

XBT2D-1N	2	XBT2D-1(09098, 09099), 1945, prototype 3-seater night-attack version.
(XAD-1N)	2	1946, redesignation of XBT2D-1N.
XBT2D-1P	1	XBT2D-1(09096), 1945, prototype photo reconn. version.
(XAD-1P)	1	1946, redesignation of XBT2D-1P.
XBT2D-1Q	1	XBT2D-1(09109), 1945, prototype ECM version.
(XAD-1Q)	1	1946, redesignation of XBT2D-1Q.
XBT2D-1W	1	XBT2D-1(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(09108), 1946, prototype for larger Skyraider version, engine upgrade, original designation was XBT2D-2. AD-1(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(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(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(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.*