

DOUGLAS A3D SKYWARRIOR / B-66 DESTROYER

A3D / B-66 SERVICE

A3D Skywarrior

Manufacturer: The Douglas Aircraft Co. Inc., Santa Monica, California, USA
Model: 593-8
Designations: A3D; A-3
Name: Skywarrior

First official flight: XA3D-1 28 Oct 1952
Factory production period: 1951 – 1961
Primary service period: 1956 – 1988
Last official flight: ERA-3B 30 Sep 1991

B-66 Destroyer

Manufacturer: The Douglas Aircraft Co. Inc., Santa Monica, California, USA
Models: 1326, 1327, 1329
Designations: B-66; X-21
Name: Destroyer

First official flight: RB-66A 28 Jun 1954
Factory production period: 1954 – 1957
Primary service period: 1956 – 1970
Last official flight: EB-66E 1974

A3D / B-66 VARIANTS

A3D Skywarrior

1952	Model 593-8	XA3D-1	2	Total: 002
1953	Model 593-8	YA3D-1	1	
1954	Model 593-8	A3D-1	49	Total: 050
1956	Model 593-8	A3D-2	164	
1958	Model 593-8	YA3D-2P	1	
1958	Model 593-8	A3D-2P	29	
1958	Model 593-8	A3D-2Q	25	
1959	Model 593-8	A3D-2T	12	Total: 231
				<u>Total: 283</u>

B-66 Destroyer

1954	Model 1326	RB-66A	5	Total: 005
1954	Model 1327A	B-66B	72	
1954	Model 1329	RB-66B	145	Total: 217
1955	Model 1329	RB-66C	36	
1957	Model 1329	WB-66D	36	Total: 072
				<u>Total: 294</u>
				<u>Grand Total: 577</u>

A3D / B-66 PRODUCTION

A3D Skywarrior

XA3D-1

Prototype twin engined, carrier-based attack bomber.

produced 1951 – 1952

Douglas El Segundo, California (D)

BuNo. 125412, 125413 7588, 7589 2 **Total: 002**

YA3D-1

As XA3D-1, service test aircraft, engine upgrade. Later upgraded to A3D-1 standards.

produced 1953

Douglas El Segundo, California (D)

BuNo. 130352 9253 1 **Total: 001**

A3D-1

As Y3D-1, tail cannon, revised canopy, minor changes, mainly used for training.

produced 1953 – 1956

Douglas El Segundo, California (D)

BuNo. 130353 / 130363 9254 / 9264
BuNo. 135407 / 135444 10300 / 10337 49 **Total: 049**

A3D-2

As A3D-1, engine upgrade, refuelling probe, later had tail guns removed. Original designation was A3D-1B.

produced 1956 – 1961

Douglas El Segundo, California (D)

BuNo. 138902 / 138976 10763 / 10837
BuNo. 142236 / 142255 11562 / 11581
BuNo. 142400 / 142407 11584 / 11591
BuNo. 142630 / 142665 11693 / 11728
BuNo. 144626 / 144629 12024 / 12027
BuNo. 147648 / 147668 12412 / 12432 164 **Total: 164**

YA3D-2P

*As A3D-2, prototype reconn. version.
produced 1958*

Douglas El Segundo, California (D)

BuNo. 142256 11582 1 **Total: 001**

A3D-2P

*As YA3D-2P, 12 cameras, bomb-bay
control pod with two operators.
produced 1958 – 1960*

Douglas El Segundo, California (D)

BuNo. 142666 / 142669 11729 / 11732

BuNo. 144825 / 144847 12071 / 12093

BuNo. 146446, 146447 12398, 12399 29 **Total: 029**

A3D-2Q

*As A3D-2, ECM version, bomb-bay
control pod. BuNo. 142670 served
as YA3D-2Q.*

produced 1958 – 1960

Douglas El Segundo, California (D)

BuNo. 142257 11583

BuNo. 142670 / 142673 11733 / 11736

BuNo. 144848 / 144855 12094 / 12101

BuNo. 146448 / 146459 12400 / 12411 25 **Total: 025**

1 (BuNo. 142258), additional airframe cancelled.

A3D-2T

*As A3D-2, bombardier-navigator trainer.
produced 1959 – 1960*

Douglas El Segundo, California (D)

BuNo. 144856 / 144867 12102 / 12113 12 **Total: 012**

Total: 283

B-66 Destroyer**RB-66A**

*As A3D-2, photo reconn. version for USAF,
extensive structural / design changes.
produced 1954*

Douglas Long Beach, California (DL)

52-2828 / 52-2832 - 5 **Total: 005**

B-66B

*As RB-66A, tactical bomber version.
produced 1954 – 1957*

Douglas Long Beach, California (DL)

53-482 / 53-507 44363 / 44388

54-477 / 54-505 44777 / 44805

54-548 / 54-551 44848 / 44851

55-302 / 55-314 44934 / 44946 72 **Total: 072**

69 additional airframes cancelled.

RB-66B

*As RB-66A, engine upgrade,
higher weights.*

produced 1954 – 1957

Douglas Long Beach, California (DL)

53-409 / 53-481 44290 / 44362

54-417 / 54-446 44717 / 44746

54-506 / 54-547 44806 / 44847

145 **Total: 145**

RB-66C

*As RB-66B, electronic reconn.
version, various radomes and
electronic equipment.*

produced 1955 – 1957

Douglas Tulsa, Oklahoma (DT)

54-447 / 54-476 44747 / 44776

55-384 / 55-389 45016 / 45021

36 **Total: 036**

WB-66D

As RB-66C, weather reconn. version.

produced 1957

Douglas Tulsa, Oklahoma (DT)

55-390 / 55-425 45022 / 45057

36 **Total: 036**

Total: 294

A3D / B-66 CONVERSIONS & TRANSFERS

A3D Skywarrior

US Navy

YA3D-1P	1	YA3D-1 (BuNo. 130358), 1954, photo reconn. conversion, also A3D-1P.
YA3D-1Q	1	YA3D-1 (BuNo. 130356), 1955, electronic reconn. conversion.
A3D-1Q	4	YA3D-1, 1955, electronic reconn. conversions.
A3D-1T	1+	A3D-1, trainers with dual controls.
YA3D-2	1	A3D-2 (BuNo. 138905), conversion as engine testbed.
A3D-2Z	1	A3D-2Q (BuNo. 142672), 1958, VIP transport, designation not used, became the VA-3B.

US Navy (1962 redesignations)

Original BuNo. serials retained.

YA-3A	1	1962, redesignation of YA3D-1, later to A-3A standards.
A-3A	49	1962, redesignation of A3D-1.
(NA-3A)	1	A-3A, permanent conversion for tests.
YEA-3A	1	1962, redesignation of YA3D-1Q.
EA-3A	2	1962, redesignation of A3D-1Q.
(NEA-3A)	1	EA-3A, permanent conversion for tests.
YRA-3A	1	1962, redesignation of YA3D-1P, also RA-3A.
(NRA-3A)	1	YRA-3A, permanent conversion for reconn. tests.
TA-3A	1+	1962, redesignation of A3D-1T.
A-3B	164	1962, redesignation of A3D-2.
(KA-3B)	85	A-3B, 1967-1989, tanker conversions, single fuselage hose reel.
(EKA-3B)	39	A-3B, 1967-1975, combination ECM / tanker conversions.
(NA-3B)	2	A-3B, 1964, permanent conversion for tests.

EA-3B	24	1962, redesignation of A3D-2Q.
YRA-3B	1	1962, redesignation of YA3D-2P.
RA-3B	29	1962, redesignation of A3D-2P.
(ERA-3B)	8	RA-3B, ECM conversions for the aggressor role.
(NRA-3B)	6	RA-3B, permanent conversions for tests.
(TNRA-3B)	1	NRA-3B, 1985, training conversion, not with dual controls.
TA-3B	12	1962, redesignation of A3D-2T, 5 became VIP transports without change of designation.
(UA-3B)	2	TA-3B, 1987, utility conversions.
VA-3B	1	1962, redesignation of A3D-1Z.

CIVILIAN SERVICE

- *Several Skywarriors in service with civil operators as flying test platforms.*

B-66 Destroyer

USAF

JRB-66A	4	RB-66A, test designation for non-operational service.
EB-66B	13	B-66B, ECM radar jammers for service in Vietnam.
NB-66B	2	B-66B, test conversions for parachute drops of space capsules.
EB-66C	4	RB-66C, 1966, upgraded ECM equipment.
EB-66E	52	RB-66B, ECM radar jammers similar to EB-66B.
X-21A	2	WB-66D (55-408, 55-410), 1963, Boundary Layer Control tests, engine upgrade. Tests carried out by Northrop Aviation Inc., Hawthorne, California (NO). Designated as NB-66D 1960-1962.