

VOUGHT F4U CORSAIR

CORSAIR SERVICE

Manufacturers: Vought-Sikorsky Aircraft Division of United Aircraft Corp.,
Stratford, Connecticut, USA
(In 1943, became Chance Vought Aircraft Division of
United Aircraft Corp., Stratford, Connecticut, USA)
(In 1948, offices and facilities relocated to Dallas, Texas, USA)
Brewster Aeronautical Corp., Long Island City, New York, USA
The Goodyear Aircraft Corp., Akron, Ohio, USA

Model: V-166B (Developed from the Model V-166A)

Designations: F4U; AU, F3A, FG, F2G

Names: Corsair; Super Corsair (F2G, unofficial)

First official flight: XF4U-1 29 May 1940
Factory production period: 1940 – 1952
Primary service period: 1942 – 1953
Last official flight: F4U-5 1957

CORSAIR VARIANTS

Vought

1940	Model V-166B	XF4U-1	1	Total: 00001
1942	Model V-166B	F4U-1	758	
-	Model V-166B	F4U-1A	2066	
-	Model V-166B	F4U-1C	200	
1944	Model V-166B	F4U-1D	1675	Total: 04699
1944	Model V-166B	XF4U-4	5	
1944	Model V-166B	F4U-4	2351	Total: 02356
1946	Model V-166B	F4U-5	568	Total: 00568
1952	Model V-166B	AU-1	111	
1952	Model V-166B	F4U-7	94	Total: 00205

Brewster

1943	Model -	F3A-1	735	Total: 00735
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Goodyear

1943	Model -	FG-1	1704	
1944	Model -	FG-1D	2303	Total: 04007

-	Model -	F2G-1	5	
-	Model -	F2G-2	10	Total: 00015

Total: 12586

CORSAIR VARIANTS – TYPE COMPARISON

<u>Vought</u>		<u>Brewster</u>		<u>Goodyear</u>	
XF4U-1	1	-		-	

F4U-1	688	F3A-1	305	FG-1	1600
(Corsair Mk. I)	70	(Corsair Mk. II)	334	(Corsair Mk. IV)	104
		(Corsair Mk. III)	96		
F4U-1A	1671	-		FG-1A	?
(Corsair Mk. II)	395				
F4U-1C	200	-		-	
F4U-1D	1535	F3A-1D	?	FG-1D	1430
(Corsair Mk. II)	140			(Corsair Mk. IV)	873

XF4U-4	5	-		-	
F4U-4	2351	-		-	

F4U-5	568	-		-	

AU-1	111	-		-	
F4U-7	94	-		-	

-		-		F2G-1	5
-		-		F2G-2	10
Total: 7829		Total: 735		Total: 4022	

CORSAIR PRODUCTION

Vought

XF4U-1

Prototype, carrier-based fighter, gull wings, ribbed canopy, 3-bladed prop.

produced 1940

Vought Stratford, Connecticut (U)

BuNo. 1443 -

1 Total: 00001

F4U-1

As XF4U-1, relocated canopy, engine upgrade, 6 wing guns.

produced

Vought Stratford, Connecticut (U)

BuNo. 02153 / 02736 -

BuNo. 03802 / 03841 -

BuNo. 17392 / 17455 -

BuNo. 18122 / 18191 -

758 Total: 00758

F4U-1A

*As F4U-1, single frame canopy, revised tailwheel, later aircraft had engine upgrade.
produced*

Vought Stratford, Connecticut (U)

BuNo. 17456 / 18121 -

BuNo. 49660 / 50359 -

BuNo. 55784 / 56483 -

2066 **Total: 02066**

*237 to RNZAF as NZ5201 / NZ5396,
NZ5461 / NZ5463, NZ5465, NZ5487,
NZ5501 / NZ5536, designated as F4U-1.*

F4U-1C

*As F4U-1A, four 20mm wing
cannons, clear canopy.*

produced

Vought Stratford, Connecticut (U)

*200 mixed with **F4U-1D** BuNo.*

200 **Total: 00200**

F4U-1D

*As F4U-1A, engine upgrade, wing
mounted rockets, bombs or fuel tanks,
clear canopy.*

*1675 as **F4U-1D**.*

*200 as **F4U-1C**.*

produced

Vought Stratford, Connecticut (U)

BuNo. 50360 / 50659 -

BuNo. 57084 / 57983 -

BuNo. 82178 / 82852 -

1675 **Total: 01675**

*127 to RNZAF as NZ5397 / NZ5460, NZ5464,
NZ5466 / NZ5486, NZ5537 / NZ5577.
2 additional airframes cancelled.*

XF4U-2 – Projected night-fighter prototype, cancelled.

XF4U-4

*Prototype, engine upgrade, 4-bladed prop,
chin air intake below engine cowling.*

*2 F4U-1A originally converted with
this designation.*

produced 1944

Vought Stratford, Connecticut (U)

BuNo. 80759 / 80763 -

5 **Total: 00005**

F4U-4

*As XF4U-4, 6 wing guns, rocket pylons,
later aircraft had flat windscreen panel,
forward mast deleted.*

*1753 as **F4U-4**.*

*297 as **F4U-4B**, 4 wing M3 cannons.*

*300 as **F4U-4C**, 20mm wing cannons.*

*9 as **F4U-4P**, photo-reconn. version.*

produced 1944 – 1945

Vought Stratford, Connecticut (U)

BuNo. 62915 / 63071 -

BuNo. 80764 / 82177 -

BuNo. 96752 / 97531 - 2351 **Total: 02351**
3743 additional airframes cancelled.

F4U-5

As XF4U-5, engine upgrade, four 20mm wing cannons.

223 as **F4U-5**.

214 as **F4U-5N**, wing mounted radar scanner, autopilot.

101 as **F4U-5NL**, cold weather adaption.

30 as **F4U-5P**, photo-reconn. version.

produced 1946 – 1951

Vought Stratford, Connecticut (U)
& Vought Dallas, Texas (U)

BuNo. 121793 / 122066 -

BuNo. 122153 / 122206 -

BuNo. 123144 / 123203 -

BuNo. 124441 / 124560 -

BuNo. 124665 / 124724 -

568 **Total: 00568**

AU-1

Ground attack version of F4U-5 for USMC, extra combat changes, engine upgrade, air intake deleted.

US Navy designation **F4U-6**.

produced 1952

Vought Dallas, Texas (U)

BuNo. 129318 / 129417 -

BuNo. 133833 / 133843 -

111 **Total: 00111**

F4U-7

As F4U-4B with AU-1 airframe, engine upgrade. All delivered to the French Navy under MAP.

produced 1952

Vought Dallas, Texas (U)

BuNo. 133652 / 133731 -

BuNo. 133819 / 133832 -

94 **Total: 00094**

Brewster

F3A-1

Brewster built version of the **F4U-1**, later aircraft built as **F3A-1D (F4U-1D)**.

produced 1943 – 1944

Brewster Long Island, New York (A)

BuNo. 04515 / 04774 -

BuNo. 08550 / 08797 -

BuNo. 11067 / 11293 -

735 **Total: 00735**

773 further airframes cancelled.

Goodyear

FG-1

*Goodyear built version of the F4U-1,
later aircraft built as FG-1A (F4U-1A).
produced 1943 – 1944*

Goodyear Akron, Ohio (G)

BuNo. 12992 / 14685 -

BuNo. 76139 / 76148 -

1704 **Total: 01704**

FG-1D

*Goodyear built version of the F4U-1D.
produced 1944 – 1945*

Goodyear Akron, Ohio (G)

BuNo. 14686 / 14991 -

BuNo. 67055 / 67099 -

BuNo. 76149 / 76739 -

BuNo. 87788 / 88453 -

BuNo. 92007 / 92701 -

2303 **Total: 02303**

60 to RNZAF as NZ5601 / NZ5660.

755 additional airframes cancelled.

FG-2 – Not used.

FG-4 – F4U-4 equivalent, 2 were built then destroyed, 2371 cancelled.

F2G-1 Super Corsair

*As XF2G-1, land based version,
engine upgrade, 4 wing guns.*

produced

Goodyear Akron, Ohio (G)

BuNo. 88454 / 88458 -

5 **Total: 00005**

403 additional airframes cancelled.

F2G-2 Super Corsair

*As F2G-1, carrier version, arrestor
hook, folding wings.*

produced

Goodyear Akron, Ohio (G)

BuNo. 88459 / 88468 -

10 **Total: 00010**

3 additional airframes cancelled.

Total: 12586

CORSAIR CONVERSIONS & TRANSFERS

US Navy

F4U-1P	1+	F4U-1, photo reconn. aircraft with camera in aft cockpit.
F4U-2	34	32 F4U-1 / 2 F4U-1A, 1942-1945, night fighter with wing radome and revised exhausts, modified by the Naval Air Factory (NAF), Pennsylvania.
XF4U-3	1	F4U-1 (BuNo. 02157), supercharger fitted / air scoop under fuselage, 4-bladed prop.
XF4U-3A	1	F4U-1A (BuNo. 17516), similar to XF4U-3.
XF4U-3B	1	F4U-1A (BuNo. 49664), engine upgrade, test aircraft for ground attack role.

XF4U-4	2	F4U-1A, 1944, engine / supercharger upgrade, chin air scoop, 4-bladed prop. Modified as: F4U-4XA (BuNo. 49763), F4U-4XB (BuNo. 50301). 5 airframes new built with redesigned cockpit / canopy layout.
F4U-4E	1	F4U-4C, night fighter conversion with APS-4 wing mounted radar.
F4U-4N	1	F4U-4C, night fighter conversion with APS-6 wing mounted radar.
XF4U-5	3	F4U-4 (BuNo. 97296, 97364, 97415), 1946, widened fuselage, engine upgrade, twin chin air intakes, all metal wing surfaces, retractable tailwheel.
XF4U-6	1	F4U-5N (BuNo. 124665), ground attack prototype, later redesignated XAU-1.
FG-1E	1+	FG-1, deliveries with APS-4 radome, four 20mm wing cannons.
FG-1K	1+	FG-1, radio controlled target conversions.
FG-3	13	FG-1, conversions to XF4U-3 standards for high-altitude tests.
XF2G-1	8	FG-1 (BuNo. 12992, 13471, 13472), 1945, prototypes with redesigned fuselage, bubble canopy and non-folding wings for low-altitude roles. 5 FG-1Ds for RN repossessed and also converted.

British Royal Navy

Corsair Mk. I	70	F4U-1, aircraft in service with the Royal Navy. Assigned RN s/n: JT100 / JT169.
Corsair Mk. II	869	395 F4U-1A / 140 F4U-1D / 334 F3A-1, aircraft serving the RN. Assigned RN s/n: JS469 / JS802, JT170 / JT704.
Corsair Mk. III	96	F3A-1, aircraft in service with the Royal Navy. Assigned RN s/n: JS803 / JS888, JT963 / JT972.
Corsair Mk. IV	977	104 FG-1A / 873 FG-1D, aircraft in service with the Royal Navy. Assigned RN s/n: KD161 / KD999, KE100 / KE117, KE310 / KE429.

FOREIGN MILITARY / CIVILIAN SERVICE

- Corsairs delivered post-WW2 to Argentina, El Salvador and Honduras.
- Many Corsairs sold on the civil market as circuit racers and warbirds.