

Vought F4U-2 Corsair

A/C Type: Night Fighter
 Engine(s): One Pratt & Whitney R-2800-8W
 Eng. Pwr: 1650-2250 hp, air-cooled radial
 A/C Crew: Pilot

Maximum Speed: 412 mph @20,000 ft
 Maximum Ceiling: 36,900 / NA / NA ft.

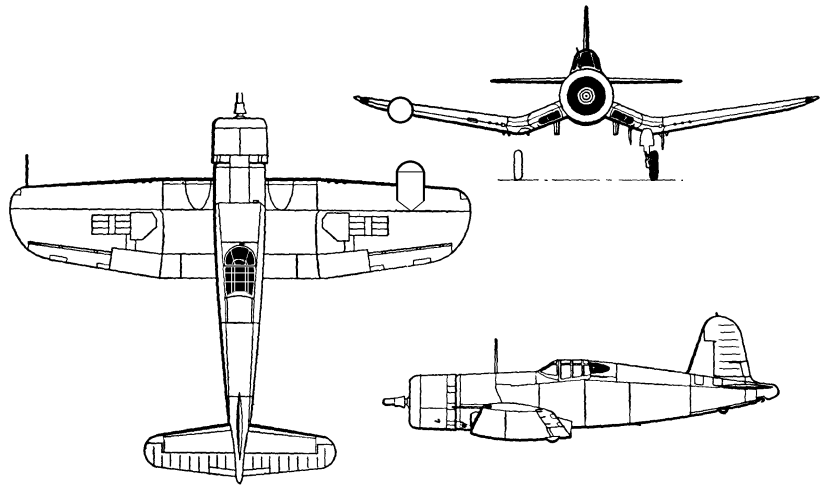
Defense factor: 5 Size Modifier: +0
 Damage Factor: 14/21 Endurance: 140
 Cockpit View: Poor Blind Area: Rear

Protection: Cockpit +2 Fuel +2 Engine +0
 Climb Dece/ Dive Accel: 3.0 / 1.0
 Weight and Load Limit: none

Wpn Stations Weight Allowed Loads

Country: USA

Service Entry Date: October, 1943



Class: M

Victory Points: 7-14

AIRCRAFT PERFORMANCE CHART

Altitude Levels	Bands	Minimum Speed	Maximum Speed	Maximum Dive Spd	Min TT(3)	Min HT(4)	Min BT(5)	Min ET(6)	Altitude Levels	Bands	Average Rate of Climb
43+	UH	--	--	--	--	--	--	--	43+	UH	--
37-42	EH	--	--	--	--	--	--	--	37-42	EH	--
31-36	VH	3.5	7.5	10.5	5.0	7.0	8.0	9.5	31-36	VH	600
25-30	HI	3.0	7.5	10.5	4.5	6.0	7.5	8.5	25-30	HI	1,300
19-24	MH	3.0	8.0	11.0	4.0	5.5	6.5	7.5	19-24	MH	1,800
13-18	ML	2.5	7.5	11.0	3.5	5.0	6.0	7.0	13-18	ML	2,200
7-12	LO	2.5	7.0	10.5	3.0	4.5	5.5	6.5	7-12	LO	2,500
1-6	VL	2.0	6.5	9.5	3.0	4.0	5.0	6.0	1-6	VL	2,800

FIRE POWER CHART

Guns	Type Weapons	Ammo	Criticals
W1	1x .50 cal M2 mg	14	3
W2	2x .50 cal M2 mg	15	3
W3	2x .50 cal M2 mg	15	3

GUN ATTACK FACTORS

Rng	W1	W2	W3	Total
0	9	18	18	45
1	6	12	12	30
2	4	8	8	20
3	3	6	6	15
4	2	4	4	10
5	1	3	3	7
6	1	2	2	5
7	--	--	--	--

WEAPON STATION LOCATION

none

POWER VERSUS SPEED CHART

Levels	Bands	1.0 - 4.5	5.0 - 7.5	8.0 - 9.5	10.0+	Band
43+	UH	--	--	--	--	UH
37-42	EH	--	--	--	--	EH
31-36	VH	4	3	--	--	VH
25-30	HI	6	4	--	--	HI
19-24	MH	8	5	2	--	MH
13-18	ML	8	5	--	--	ML
7-12	LO	8	5	--	--	LO
1-6	VL	8	5	--	--	VL
Banking FPs		2	2	3	5	
Side Slip FPs		3	4	6	7	

NOTES AND VARIANTS

All F4Us: May use flaps as combat flaps at speeds up to minimum +2.5 safely. Very strong landing gear may be safely lowered and used like dive brakes at speeds up to minimum +6.0 (incurs decel = speed).

F4U-2: Available October, 1943. Night fighter version of F4U-1. Equipped with AIA radar in wing pod. One gun removed for balance. First assigned to Munda in Solomon Islands by VMF(N)-532. VF(N)-101 was the first to operate nightfighters from a carrier (a flight of 4) in Jan-44. VMF(N)-532 began operations from Tarawa in Jan-44. Replaced by Jan-45 with Hellcat nightfighters with AN/APS-4 or -6 radar. Flame dampers. F4U-1 has same maneuver qualities. 34 built.

AIA radar: Type: E Max Rng: 36 Min Rng: 3

Goodyear F2G-2 Corsair

A/C Type: Carrier-borne low level Fighter
 Engine(s): One P&W R-4360 28-cyl radial
 Eng. Pwr: 3000-3650 hp, air-cooled
 A/C Crew: Pilot

Maximum Speed: 434 mph @16,500 ft
 Maximum Ceiling: 38,800 / 30,000 / 23,000 ft.

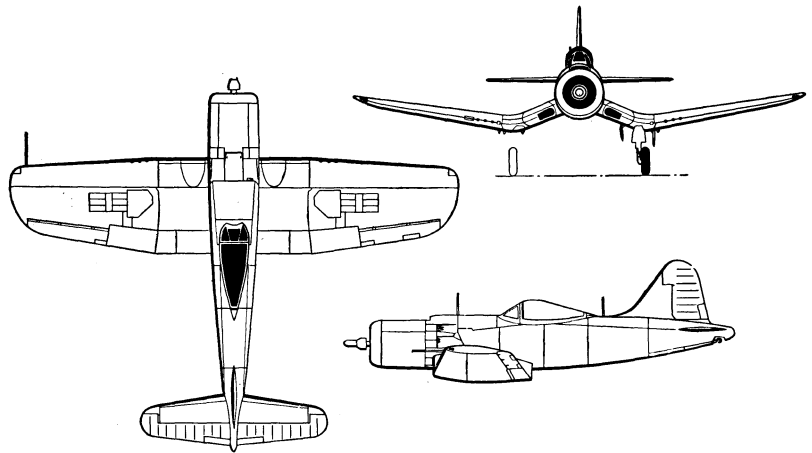
Defense factor: 5 Size Modifier: +0
 Damage Factor: 14/21 Endurance: 260
 Cockpit View: Good Blind Area: Rear,Low

Protection: Cockpit +2 Fuel +2 Engine +0
 Climb Dece/ Dive Accel: 3.0 / 1.0
 Weight and Load Limit: 2,000 / 4-12

Wpn Stations	Weight	Allowed Loads
2, 4	1,000	Bomb or Fuel tank
3	1,600	Bomb or Fuel tank
1, 5	600	4x 5-in rockets

Country: United States

Service Entry Date: September. 1945



Class: F

Victory Points: 9-17

AIRCRAFT PERFORMANCE CHART

Altitude		Minimum Speed	Maximum Speed	Maximum Dive Spd	Min TT(4)	Min HT(5)	Min BT(6)	Min ET(7)	Altitude		Average Rate of Climb
Levels	Bands								Levels	Bands	
43+	UH	--	--	--	--	--	--	--	43+	UH	--
37-42	EH	4.0	7.5	11.0	5.5	8.0	9.5	11.0	37-42	EH	500
31-36	VH	3.5	8.0	11.0	5.0	7.0	8.5	9.5	31-36	VH	1,100
25-30	HI	3.0	8.0	11.0	4.5	6.0	7.5	8.5	25-30	HI	1,900
19-24	MH	3.0	8.5	11.0	4.0	5.5	6.5	8.0	19-24	MH	2,800
13-18	ML	2.5	8.5	11.0	3.5	5.0	6.0	7.0	13-18	ML	3,500
7-12	LO	2.5	8.0	10.5	3.0	4.5	5.5	6.5	7-12	LO	4,100
1-6	VL	2.0	8.0	10.0	3.0	4.0	5.0	6.0	1-6	VL	4,400

FIRE POWER CHART

Guns	Type Weapons	Ammo	Criticals
W1	1x .50 cal M2 mg	14	3
W2	2x .50 cal M2 mg	15	3
W3	2x .50 cal M2 mg	15	3
W4	1x .50 cal M2 mg	14	3

GUN ATTACK FACTORS

Rng	W1	W2	W3	W4	Total
0	9	18	18	9	54
1	6	12	12	6	36
2	4	8	8	4	24
3	3	6	6	3	18
4	2	4	4	2	12
5	1	3	3	1	8
6	1	2	2	1	6
7	--	--	--	--	--

WEAPON STATION LOCATION



POWER VERSUS SPEED CHART

Levels	Bands	1.0 - 4.5	5.0 - 7.5	8.0 - 9.5	10.0+	Band
43+	UH	--	--	--	--	UH
37-42	EH	2/3	1/-	--	--	EH
31-36	VH	4/6	2/3	1/-	--	VH
25-30	HI	6/8	3/4	1/2	--	HI
19-24	MH	7/9	4/5	2/3	--	MH
13-18	ML	8/10	5/7	3/4	--	ML
7-12	LO	10/12	7/9	5/6	--	LO
1-6	VL	10/12	7/9	5/6	--	VL
Banking FPs		2	2	3	5	
Side Slip FPs		3	4	6	7	

NOTES AND VARIANTS

Goodyear F2G-2: An improved version of the FG-1. Intended for use by the USMC to intercept low-flying Japanese suicide aircraft. Has water injection system to provide 3650 hp emergency power. Had some lateral stability issues. 10 were ordered, only 5 FG2-2 were completed by V-J day, and the rest of the order was cancelled. G-suit equipped. Gyro Gunsight. May use flaps as combat flaps at speeds up to minimum +2.5 safely. Carrier equipment. Some only armed with 4x .50 cal.

F2G-1: Land-based version without carrier equipment (418 planned/5 built).

125-gal FT: Wgt: 900 Ld: 4.5/3.0 End: +80 each

Vought F4U-5 Corsair

Country: United States

Service Entry Date: 1947

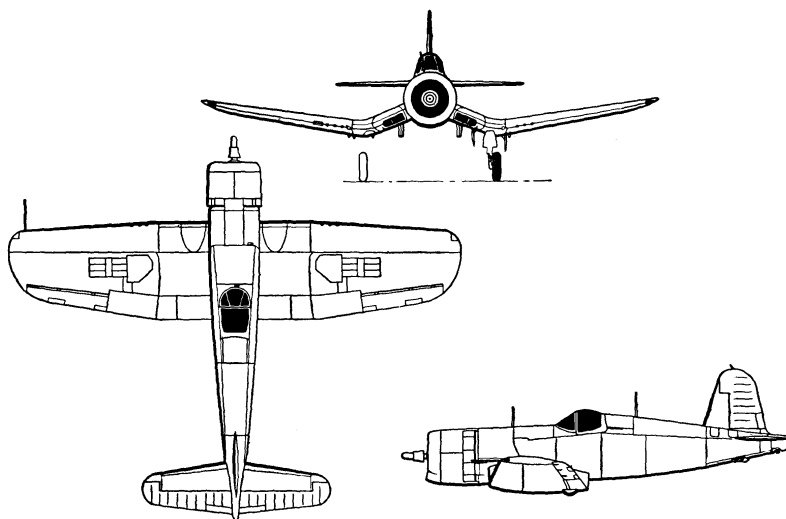
A/C Type: Fighter-bomber
 Engine(s): One Pratt & Whitney R-2800-32W
 Eng. Pwr: 2675-2850 hp, air-cooled
 A/C Crew: Pilot

Maximum Speed: 475 mph @26,800 ft
 Maximum Ceiling: 44,000 / 36,000 / 25,600 ft.

Defense factor: 5 Size Modifier: +0
 Damage Factor: 14/21 Endurance: 220
 Cockpit View: Good Blind Area: Rear

Protection: Cockpit +2 Fuel +2 Engine +0
 Climb Dece/ Dive Accel: 3.0 / 1.0
 Weight and Load Limit: 2,000 / 4-12

Wpn Stations	Weight	Allowed Loads
1, 3	1,000	Bomb or Fuel tank
2	1,200	Fuel tank



Class: F

Victory Points: 9-17

AIRCRAFT PERFORMANCE CHART

Altitude Levels	Bands	Minimum Speed	Maximum Speed	Maximum Dive Spd	Min TT(4)	Min HT(5)	Min BT(6)	Min ET(7)	Altitude Levels	Bands	Average Rate of Climb
43+	UH	4.0	8.5	11.0	6.0	9.0	10.5	--	43+	UH	300
37-42	EH	4.0	8.5	11.0	5.5	8.0	9.5	11.0	37-42	EH	800
31-36	VH	3.5	9.0	11.0	5.0	7.0	8.5	9.5	31-36	VH	1,300
25-30	HI	3.0	9.5	11.0	4.5	6.0	7.5	8.5	25-30	HI	2,000
19-24	MH	3.0	9.0	11.0	4.0	5.5	6.5	8.0	19-24	MH	2,800
13-18	ML	2.5	9.0	11.0	3.5	5.0	6.0	7.0	13-18	ML	3,400
7-12	LO	2.5	8.5	10.5	3.0	4.5	5.5	6.5	7-12	LO	3,900
1-6	VL	2.0	8.0	10.0	3.0	4.0	5.0	6.0	1-6	VL	4,300

FIRE POWER CHART

Guns	Type Weapons	Ammo	Criticals
W1	2x 20mm M3 cannon	11	2
W2	2x 20mm M3 cannon	11	2

GUN ATTACK FACTORS

Rng	W1	W2	Total
0	43	43	86
1	33	33	66
2	22	22	44
3	14	14	28
4	10	10	20
5	7	7	14
6	5	5	10
7	--	--	--

WEAPON STATION LOCATION



POWER VERSUS SPEED CHART

Levels	Bands	1.0 - 4.5	5.0 - 7.5	8.0 - 9.5	10.0+	Band
43+	UH	2/3	1/2	1/-	--	UH
37-42	EH	4/5	2/3	1/2	--	EH
31-36	VH	6/8	4/5	2/3	--	VH
25-30	HI	8/10	5/7	3/4	--	HI
19-24	MH	9/11	6/8	4/5	--	MH
13-18	ML	9/11	6/8	4/5	--	ML
7-12	LO	9/11	6/8	4/5	--	LO
1-6	VL	9/11	6/8	4/5	--	VL
Banking FPs		2	2	3	5	
Side Slip FPs		3	4	6	7	

NOTES AND VARIANTS

All F4U-5: Available 1947. Postwar versions used during early part of Korean War before being replaced by jets. G-suit equipped. Gyro Gunsight. May use flaps as combat flaps at speeds up to minimum +2.5 safely. Very strong landing gear may be safely lowered and used like dive brakes at speeds up to minimum +6.0 (incurs decel = speed). 223 straight fighter versions built. Carrier equipment. A few sold to Argentina in the 1950s.

F4U-5N: Nightfighter. 315 built, including 101 -5NL (low temp models built for Korea). All NF versions -1 power, -200 Roc. Used AN/APS-6 radar.

AN/APS-6 : Type: L Max Rng: 68 Min Rng: 4

F4U-5P: Photo recon version. all stations can carry FTs only. 30 built.

125-gal FT: Wgt: 900 Ld: 4.5/3.0 End: +70 each