

P-47C/D "Thunderbolt"

A/C Type: High Altitude Day Fighter
 Engine(s): One Pratt & Whitney R-2800-59
 Eng. Pwr: 2000 - 2300 HP, Radial Air Cooled
 A/C Crew: Pilot

Max Speed: 433 MPH at 30,000 Feet
 Max Ceiling: 41,000 / 32,800 / 22,300 Feet

Defense Factor: 5 Size Modifier: +0
 Damage Factor: 16 / 25 Endurance: 105
 Cockpit View: Poor Blind Area: Rear

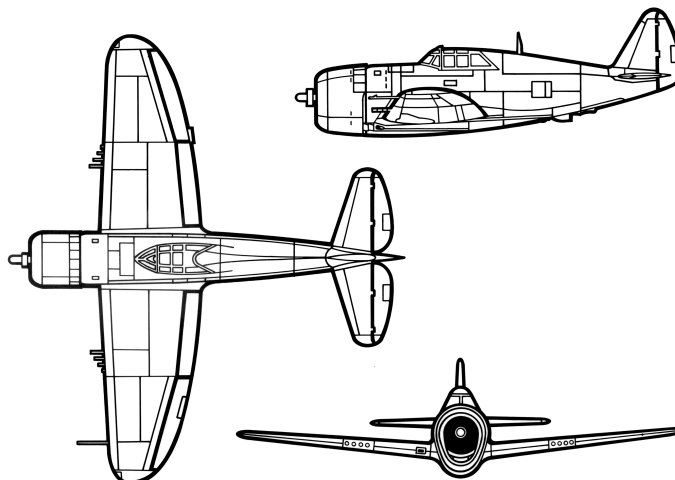
Protection: Cockpit +2 Fuel +2 Engine +0

Climb Decel / Dive Accel: 3.0 (2.0) / 2.0
 Weight and Load Limit: 2,500 / 3 - 8

Wpn. Stations	Weight	Allowed Loads
2	1,400	Fuel Tank, Bomb
1, 3	1,000	Bombs

Country: U.S.A.

Service Entry Date: C-2 & D-1 April 1943



Class: F

Victory Points: 6 - 12

AIRCRAFT PERFORMANCE CHART

Altitude Levels	Band	Minimum Speed	Maximum Speed	Maximum Dive Spd.	Min. TT (5)	Min. HT (6)	Min. BT (7)	Min. ET (8)	Altitude Band	Levels	Average Rate Of Climb
43+	UH	—	—	—	—	—	—	—	UH	43+	—
37 - 42	EH	4.0	8.0	10.5	6.0	8.5	10.0	12.0	EH	37 - 42	300 (700)
31 - 36	VH	3.5	8.5	11.0	5.0	7.5	9.0	10.0	VH	31 - 36	600 (1,300)
25 - 30	HI	3.0	8.5	11.5	4.5	6.5	8.0	9.0	HI	25 - 30	900 (1,600)
19 - 24	MH	3.0	8.0	11.5	4.0	6.0	7.0	8.5	MH	19 - 24	1,200 (2,100)
13 - 18	ML	2.5	8.0	11.5	4.0	5.5	6.5	7.5	ML	13 - 18	1,600 (2,500)
7 - 12	LO	2.5	7.5	11.0	3.5	5.0	6.0	7.0	LO	7 - 12	2,200 (2,700)
1 - 6	VL	2.0	7.0	10.0	3.0	4.5	5.5	6.5	VL	1 - 6	2,600 (3,100)

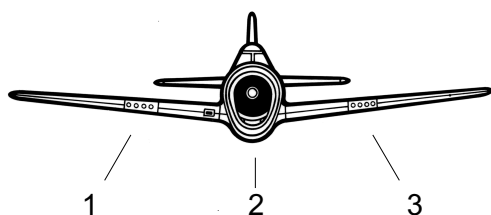
FIRE POWER CHART

Guns	Type Weapons	Ammo	Criticals
W1-L	Two .50 Calibre M2	10 / 16	3
W2-L	Two .50 Calibre M2	10 / 16	3
W3-R	Two .50 Calibre M2	10 / 16	3
W4-R	Two .50 Calibre M2	10 / 16	3

GUN ATTACK FACTORS

Range	W1	W2	W3	W4	(Total)
0	18	18	18	18	72
1	14	14	14	14	56
2	9	9	9	9	36
3	6	6	6	6	24
4	4	4	4	4	16
5	3	3	3	3	12
6	2	2	2	2	8
7	—	—	—	—	—

WEAPON STATIONS



POWER VERSUS SPEED CHART

Levels	Band	1.0 - 4.5	5.0 - 7.5	8.0 - 9.5	10.0 +	Band
43+	UH	—	—	—	—	UH
37 - 42	EH	4 / 5	2 / 3	1 / 1.5	—	EH
31 - 36	VH	6 / 7	3 / 4	1 / 2	—	VH
25 - 30	HI	7 / 8	4 / 5	1 / 2	—	HI
19 - 24	MH	7 / 8	4 / 5	2 / 3	—	MH
13 - 18	ML	7 / 8	4 / 5	2 / 3	—	ML
7 - 12	LO	7 / 8	4 / 5	—	—	LO
1 - 6	VL	7 / 8	4 / 5	—	—	VL
Banking FPs:		1	2	3	5	
Side Slip FPs:		3	4	6	7	

NOTES & VARIANTS

P-47C-2 to D-5: Initial "Razorback" production models with R-2800-21 engine. No emergency power & reduce power nos. in shaded block by 1. Ring & bead backup sight. "C" cockpit prot. = +1. Stations 1 & 3 not fitted. Station 2 for fuel tanks until August 1943 when bombs of up to 500 lbs. also allowed. C ammo = 10, D = 16.

D-10 to D-11: September 1943 models with R-2800-63 engines having emergency power and higher rated supercharger (use printed data). All else as D-5.

D-15 to D-21: November 1943+ models. Stations 1 & 3 added for fuel tanks or bombs. Could mount an M-10 rocket launcher, one per wing, while leaving stations 1 & 3 free. D-20+ had -59 engines with minor improvements. All else as D10.

Paddle Blade Propellers: Retrofitted to earlier C & D models starting in December 1943 (D10 ≤ 2, minus 2 per month after December). use all climb data in ().

D-22 to D-23: April 1944 models with paddle-blade propellers as standard fit.