

P-51D-10 "Mustang"

A/C Type: Long Range Escort Fighter
 Engine(s): One Packard V-1650-7
 Eng. Pwr: 1490 – 1695 HP, Liquid Cooled
 A/C Crew: Pilot

Max Speed: 437 MPH at 25,000 Feet
 Max Ceilings: 41,900 / 33,500 / 22,800 Feet

Defense Factor: 5 Size Modifier: +0
 Damage Factor: 12 / 17 Endurance: 240
 Cockpit View: Good Blind Area: Rear Low

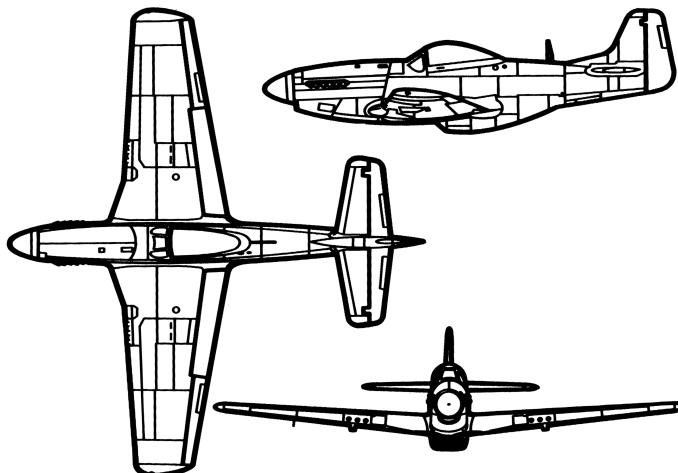
Protection: Cockpit +2 Fuel +2 Engine +0

Climb Decel / Dive Accel: 3.0 / 1.5
 Weight and Load Limit: 2,000 / 3 - 7

Wpn. Stations	Weight	Allowed Loads
4, 5	1,000	Bombs, Fuel Tank
1-3, 6- 8	150	ATG Rockets (-25)

Country: U.S.A.

Service Entry Date: June 1944



Class: F

Victory Points: 6 - 12

AIRCRAFT PERFORMANCE CHART

Altitude Levels	Band	Minimum Speed	Maximum Speed	Maximum Dive Spd.	Min. TT (4)	Min. HT (5)	Min. BT (6)	Min. ET (7)	Altitude Band	Levels	Average Rate Of Climb
43+	UH	—	—	—	—	—	—	—	UH	43+	—
37 - 42	EH	4.0	7.5	10.5	5.5	7.5	9.0	10.5	EH	37 - 42	500
31 - 36	VH	3.5	8.0	10.5	4.5	6.5	8.0	9.5	VH	31 - 36	1,000
25 - 30	HI	3.0	8.5	11.0	4.0	6.0	7.0	8.5	HI	25 - 30	1,500
19 - 24	MH	2.5	8.5	11.0	4.0	5.5	6.5	7.5	MH	19 - 24	2,000
13 - 18	ML	2.5	8.0	11.5	3.5	5.0	6.0	7.0	ML	13 - 18	2,500
7 - 12	LO	2.0	8.0	11.5	3.0	4.5	5.5	6.5	LO	7 - 12	2,700
1 - 6	VL	2.0	7.5	10.5	3.0	4.0	5.0	5.5	VL	1 - 6	3,000

FIRE POWER CHART

Guns	Type Weapons	Ammo	Criticals
W1-L	One .50 Calibre M2	15	3
W2-L	Two .50 Calibre M2	10	3
W3-R	Two .50 Calibre M2	10	3
W4-R	One .50 Calibre M2	15	3

GUN ATTACK FACTORS

Range	W1	W2	W3	W4	(Total)
0	9	18	18	9	54
1	7	14	14	7	42
2	4.5	9	9	4.5	27
3	3	6	6	3	18
4	2	4	4	2	12
5	1.5	3	3	1.5	9
6	1	2	2	1	6
7	—	—	—	—	—

WEAPON STATIONS



1 2 3 4 5 6 7 8

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	3 / -	1 / -	—	—	EH
31 - 36	VH	4 / 5	2 / 3	1 / 2	—	VH
25 - 30	HI	6 / 7	4 / 5	2 / 3	—	HI
19 - 24	MH	7 / 9	5 / 7	3 / 5	—	MH
13 - 18	ML	7 / 9	5 / 7	3 / 5	—	ML
7 - 12	LO	7 / 9	5 / 7	3 / 5	—	LO
1 - 6	VL	7 / 9	5 / 7	—	—	VL
Banking FPs:		2	2	3	4	
Side Slip FPs:		2	3	5	7	

NOTES & VARIANTS

D-5: First, limited production, "D" lacking leading edge fin on rudder (D10 ≤ 4, +1 per month after June 1944) (+10 to stall, spin, spin recovery rolls). All else as D-10.

D-10: Combat Flaps. Delete stations 1-3 and 6-8. G-suits (D10 ≤ 2, -1 per month after June 1944). K-14 gyro gunsight available August 1944, (D10 ≤ 3, -1 per month after August). By March 1945 all P-51s had K-14s and G-suits.

D-15: Aug. 1944 model. As D-10, add stations 3 & 6 for M-10 rocket launcher.

D-20: Oct. 1944 model. As D-15, add tail-warning-radar (D10 ≤ 3, -2 per month after October). First D-20s deployed to Pacific. To Europe by Nov. 1944.

D-25: Nov. 1944 model. As D-20, add stations 1-3 and 6-8 for one 5" HVAR rocket each. If stations 4 and 5 not utilized, two more HVARs may be carried under each wing for total of 10. Rare in 1944, but, very common model by end of March, 1945.