

# Douglas SBD-3 "Dauntless"

Country: U. S. A.

Service Entry Date: March 1941

A/C Type: Carrier Dive Bomber  
 Engine(s): One Wright R-1820-52 Cyclone  
 Eng. Pwr: 880-1030 HP, Radial Air Cooled  
 A/C Crew: Pilot, radioman (gunner)

Maximum Speed: 252 MPH at 15,000  
 Maximum Ceiling: 27,100 / 22,300 / 16,900 Feet

Defense Factor: 5      Size Modifier: +0  
 Damage Factor: 10 / 15      Endurance: 330  
 Cockpit View: Good      Blind Area: 6:00 line low

Protection: Cockpit +2      Fuel +2      Engine +0

Climb Decel / Dive Accel: 3.0 / 1.0  
 Weight and Load Limit: 1,600 / 2 - 6

Wpn. Stations	Weight	Allowed Loads
1, 3	100	Bombs
2	1,600	Bomb

Class: LD

Victory Points: 3 - 7

## AIRCRAFT PERFORMANCE CHART

Altitude Levels	Band	Minimum Speed	Maximum Speed	Maximum Dive Spd.	Min. TT (2)	Min. HT (3)	Min. BT (3)	Min. ET (4)	Altitude Band	Levels	Average Rate Of Climb
43+	UH	—	—	—	—	—	—	—	UH	43+	—
37 - 42	EH	—	—	—	—	—	—	—	EH	37 - 42	—
31 - 36	VH	—	—	—	—	—	—	—	VH	31 - 36	—
25 - 30	HI	2.5	4.5	9.5	3.0	4.0	5.0	7.0	HI	25 - 30	300
19 - 24	MH	2.0	4.5	9.5	3.0	3.5	4.5	6.0	MH	19 - 24	600
13 - 18	ML	2.0	5.0	9.5	2.5	3.5	4.0	5.5	ML	13 - 18	900
7 - 12	LO	1.5	5.0	9.0	2.0	3.0	4.0	5.5	LO	7 - 12	1,100
1 - 6	VL	1.5	4.5	8.5	2.0	2.5	3.5	5.0	VL	1 - 6	1,200

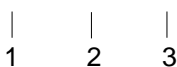
## FIRE POWER CHART

Guns	Type Weapons	Ammo	Criticals
<b>N1</b>	<b>Two .50 Calibre M2</b>	14	3
<b>DG</b>	<b>Two .30 Calibre Br.</b>	20	4
—	—	—	—
—	—	—	—

## GUN ATTACK FACTORS

Range	N1	DG	—	—	(Total)
0	16	11	—	—	16
1	12	8	—	—	12
2	8	5	—	—	8
3	5	4	—	—	5
4	4	3	—	—	4
5	3	2	—	—	3
6	2	—	—	—	2
7	—	—	—	—	—

## WEAPON STATIONS DIAGRAM



## 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	—	—	—	—	EH
31 - 36	VH	—	—	—	—	VH
25 - 30	HI	1	—	—	—	HI
19 - 24	MH	3	—	—	—	MH
13 - 18	ML	4	2	—	—	ML
7 - 12	LO	4	2	—	—	LO
1 - 6	VL	4	—	—	—	VL
Banking FPs:		2	3	4	6	
Side Slip FPs:		3	4	5	8	

## DEFENSIVE GUN COVERAGE:

DG: Rear +30, level to high, except 6:00 line= high+ only.

## NOTES AND VARIANTS:

- All SBDs have dive brakes.
- Ring and bead back up gunsight.
- The SBD-4 was essential similar.
- The USAAF used a small number of land based Dauntless' under the designation A-24.

• **Bombs:** Stations 1 & 3 may each carry one 100lb. bomb. Station 2 may carry one bomb of up to 1,600 lb.. Normal bomb load was one 500 lb. bomb for scouting, one 1,000 lb. bomb for naval strikes or 2x 100 lb. and one 500 lb. for ground attack missions.