

Model Number : V-141

Model Name :

Model Type: Pursuit, Fighter



The V-141 was a Vought/Northrop-designed single-place pursuit airplane built and submitted by Vought in response to a 1936 U.S. Army RFP. It lost out to the P-36.

Dimensions	
Wingspan	36.50 ft
Overall Length	26.00 ft
Height	9.33 ft
Weights and Capacities	
Empty Weight	3309 lb
Gross Weight	4318 lb
Useful Load	
Fuel Capacity	75 gal
Oil Capacity	10.1 gal
Powerplant Characteristics	
Type: P & W "Wasp Junior" radial air-cooled R-1535	
Rating	750 hp
Displacement	1535 in ³
Weight	
Size (length X diameter)	
Performance	
Maximum Speed, Sea Level	274 mph
Landing Speed, Sea Level	
Stall Speed, Sea Level	66.1 mph
Initial Rate-of-Climb	2790 ft/min
Cruise Speed, Sea Level	
Range at Cruise Speed	869 miles
Service Ceiling	30000 ft
Absolute Ceiling	

Crew: 2	
Armament:	

Model Number : V-143

Model Name :

Model Type: Fighter

The V-143 was a rework of the V-141. It was a single-seat landplane fighter featuring a low-wing and all-metal monocoque structure with retractable landing gear and wing flaps. It also had cowl flaps for controlling engine cooling. It was capable of flying 250 mph at altitude. It was eventually sold to Japan. This aircraft is believed to have been the prototype for the Japanese "Zero" fighter of World War II.



Dimensions	
Wingspan	33.50 ft
Overall Length	26.00 ft
Height	9.37 ft
Weights and Capacities	
Empty Weight	3406 lb
Gross Weight	4370 lb
Useful Load	
Fuel Capacity	112 gal
Oil Capacity	10 gal
Powerplant Characteristics	
Type: P & W "Wasp Junior" radial air-cooled R-1535	
Rating	750 hp
Displacement	1535 in ³
Weight	635 lb
Size (length X diameter)	
Performance	
Maximum Speed, Sea Level	250 mph
Landing Speed, Sea Level	

Stall Speed, Sea Level	60 mph
Initial Rate-of-Climb	2800 ft/min
Cruise Speed, Sea Level	
Range at Cruise Speed	1070 miles
Service Ceiling	28000 ft
Absolute Ceiling	
Crew: 1	
Armament: 2 fixed machine guns (synchronized) Provisions for bomb racks on wings	

Model Number : V-150

Model Name :

Model Type: Fighter

The V-150 was a single-seat landplane fighter featuring a low-wing, all-metal monocoque structure. It was a V-141 with a P&W "Wasp Junior" engine but the V-143, which was to be used as the airframe, was sold to Japan before the project was completed.

No photograph available

Dimensions	
Wingspan	33.50 ft
Overall Length	26.00 ft
Height	9.37 ft
Weights and Capacities	
Empty Weight	3096 lb
Gross Weight	4060 lb
Useful Load	
Fuel Capacity	112 gal
Oil Capacity	11.5 gal
Powerplant Characteristics	
Type: P & W R-985	
Rating	400 hp
Displacement	985 in ³
Weight	665 lb
Size (length X diameter)	

Performance	
Maximum Speed, Sea Level	250 mph
Landing Speed, Sea Level	
Stall Speed, Sea Level	60 mph
Initial Rate-of-Climb	2100 ft/min
Cruise Speed, Sea Level	
Range at Cruise Speed	770 miles
Service Ceiling	28000 ft
Absolute Ceiling	
Crew: 1	
Armament: 2 fixed machine guns, fuselage (synchronized) 1 bomb rack provision (300 lb.) on wing	