

**Model Number :** XO4U-1 and XO4U-2

**Model Name :** Corsair

**Model Type:** Observation



Only one XO4U-1 was built for the Navy and first flight was in 1931. It was the first airplane with monocoque fuselage, metal and fabric covered metal wing structure. It could be either a land-or seaplane. It crashed during flight test prior to Navy acceptance. Test pilot Carl Harper was nearly pinned in the cockpit due to centrifugal force as the airplane spun toward the ground. However, he was able to clear the airplane at the last minute and

successfully deploy his parachute.



Only one XO4U-2 was built for the Navy to replace the XO4U-1, and its first flight was in 1932. The plane had metal wings with fabric covering and a metal monocoque fuselage. Records show delivery to the Navy but there are no records as to what use the Navy made of this airplane. It is assumed that it was used to evaluate the metal airframe structure.

	<b>XO4U-1</b>	<b>XO4U-2</b>
<b>Dimensions</b>		
Wingspan	37.00 ft	36.00 ft
Overall Length	27.75 ft	
Height	9.59 ft	11.50 ft
<b>Weights and Capacities</b>		
Empty Weight		
Gross Weight		
Useful Load		
Fuel Capacity		
Oil Capacity		
<b>Powerplant Characteristics</b>		
Type:	R-1540	P & W "Twin Wasp"

		R-1535-64
Rating	500 hp	625 hp @ 2100 rmp @ S/L
Displacement		1690 in <sup>3</sup>
Weight		835 lb
Size (length X diameter)		
<b>Performance</b>		
Maximum Speed, Sea Level	143 mph	172 mph
Landing Speed, Sea Level		
Stall Speed, Sea Level		
Initial Rate-of-Climb		
Climb in 10 minutes		
Range at Cruise Speed		
Service Ceiling		
Absolute Ceiling		
<b>Crew: 2</b>		
<b>Armament: None</b>		