



Sikorsky SXVI

Russian escort fighter designed by Igor Sikorsky



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Fig. 1. Sikorsky SXVI (1915). It was designed for escorting the plane "The Destroyer" created by I. I. Sikorsky in 1915. It was designed for escorting the plane "The Destroyer" created by I. I. Sikorsky in 1915. The SXVI was the first Russian fighter to be designed with a special combat mission, and it was the only one that had a special combat task in mind from the start. Apart from the fact that the SXVI was designed to accompany the plane "The Destroyer" on the front lines, it was also designed to perform the task of escorting the plane "The Destroyer" on the front lines. The SXVI was the first Russian fighter to be designed with a special combat mission, and it was the only one that had a special combat task in mind from the start.



Specifications

Wing span	11.5 m	38 ft 1 in
Length	11.5 m	38 ft 1 in
Height	3.5 m	11 ft 6 in
Wing area	30 m ²	107 ft ²
Empty weight	1,100 kg	2,425 lb
Maximum speed	110 km/h	68 mph
Engine	1 x 100 hp	73.5 kW
Maximum range	1,000 km	620 mi
Service ceiling	3,000 m	9,842 ft
Armament	1 x 7.62 mm Vickers gun	



3-view



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Parts list

- A. 1. fuselage top and sides
- 2. fuselage bottom
- 3. cockpit decking
- 4. elevator
- 5. tailplane
- 6. rudder
- 7. r+ cockpit trim
- 8. dashboard
- 9. dashboard
- 10. fuselage
- 11. engine plate trim
- 12. engine side hatch
- 13. undercarriage
- 14. side strut x2
- 15. undercarriage main member x2
- 16. undercarriage front and rear struts
- 17. tailskid x2
- 18. tailskid
- 19. exhaust stacks
- 20. alternator
- 21. topdeck
- B. 1. wheel farnig x4
- 2. wheel hub
- 3. cowling
- 4. spoke template
- 5. axle end plates x4
- 6. axle nut
- 7. tailskid x 1
- 8. wingbox end x2
- C. 1. Upper Starboard wing
- 2. Upper Port wing
- 3. Upper starboard aileron
- 4. upper port aileron
- 5. upper wing center section
- 6. upper wing centre section trim
- 7. outer wing formers x 8
- 8. inner wing formers x6
- 9. wing former
- 10. wing former
- 11. wing former
- 12. wing former
- D. 1. Lower port wing
- 2. Lower starboard wing
- 3. lower aileron
- 4. lower aileron
- 5. wing former
- 6. wing former
- 7. Wing struts x4
- 8. Wing struts x4
- 9. inner wing former x2
- 10. outer wing former x6
- E. 1. Vickers gun
- 2. Vickers gun
- 3. Vickers gun
- 4. Vickers gun
- 5. Vickers gun
- 6. rudder pedals
- 7. cowling
- 8. engine padlocks
- 9. engine padlocks
- 10. engine cylinder part x7
- 11. engine cylinder part x7
- 12. engine cylinder part x7
- 13. engine cylinder part x7
- 14. engine front and back plates
- 15. cylinder block
- 16. engine part
- 17. engine part
- 18. engine part
- 19. cylinder top x7
- 20. engine part
- 21. crankshaft
- 22. inner cowling detail
- 23. cockpit frame
- 24. pilot's seat
- 25. seat parts
- 26. cowpans
- 27. alternative foot pedals
- 28. (28a) trim lever
- 29. control column
- 30. alternative cowling
- 31. cockpit floor
- 32. cockpit rear
- 33. cowling
- 34. alternative rudder
- F. 1. propeller axle
- 2. propeller end plates x2
- 3. propeller
- 4. propeller x2
- 5. propeller x2
- 6. propeller x2
- 7. propeller x2
- 8. propeller x2
- G. 1. fuselage x 8
- 2. float former x2
- 3. float skin x2
- 4. strut
- 5. strut
- 6. inner strut
- 7. rear float skin
- 8. rear float former
- 9. rear float former x3
- 10. forward strut
- 11. rear strut
- H. 1. blu skin
- 2. ski former x2
- 3. ski former x2
- 4. ski former x2
- 5. lung bracket x4



