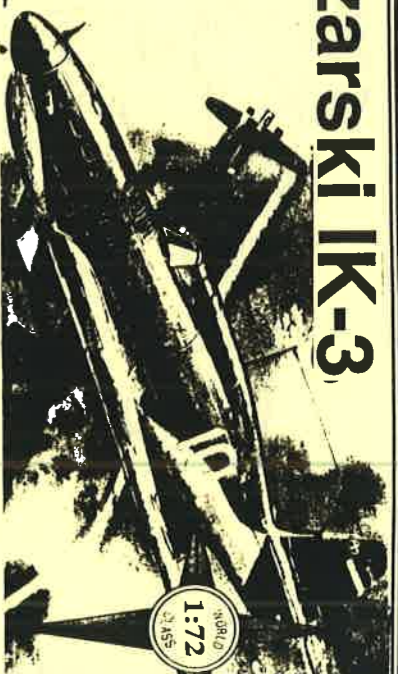


# Rogozarski IK-3

AVIJSK

602 Front Street; Box 97  
Usk, Washington 99180



## Specifications

The first modern aircraft, ie low wing, single seat fighter with retractable landing gear, to be designed and built in Yugoslavia. It was powered by an Avia built version of the Hispano-Suiza 12 YCRS, a liquid cooled twelve cylinder V-shaped engine of 920 HP, very similar to that used in both the French D-520 and MS-406.

As with most successful aircraft, there was a fairly lengthy period between the initial design concept (late 1936) and the first production batch (summer 1940).

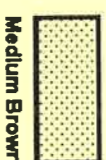
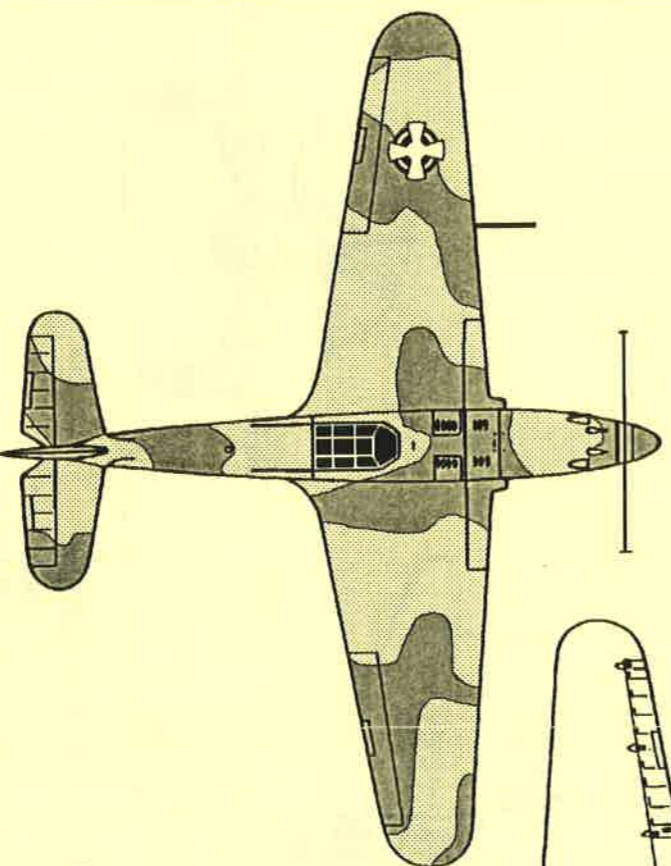
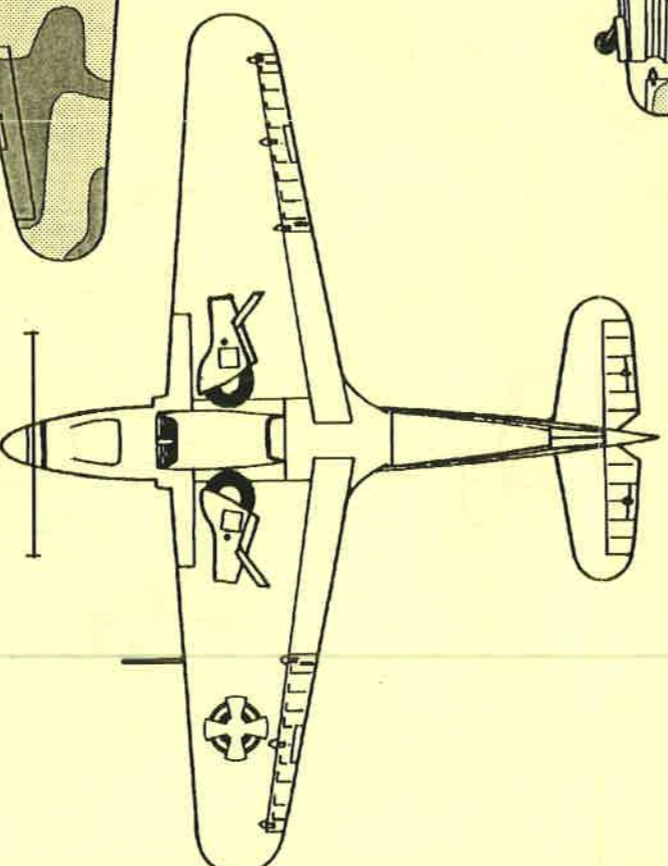
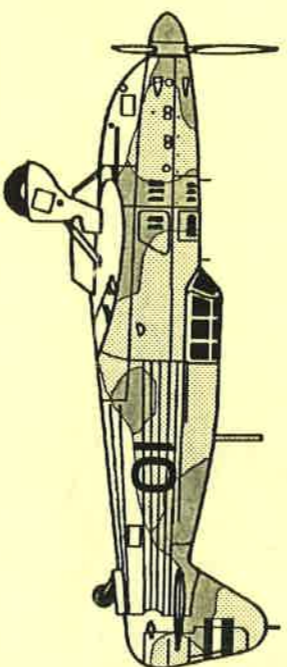
Only twelve production aircraft were manufactured, hardly enough to change the course of the war, but the type gave a good account of itself in the brief, but determined, defense of Belgrade against vastly superior numbers of German ME-109Es.

**Type:** Single-seat Interceptor Fighter. **Power Plant:** One 920 H.P. Avia-built Hispano-Suiza 12 Ycra Twelve-cylinder Vee liquid cooled engine. **Armament:** One 20-mm Hispano-Suiza HS-404 cannon with 60 rounds and two 7.92-mm FN-Browning machine guns. **Performance:** Maximum speed, 327 m.p.h. at 17,715 ft., 261 m.p.h. at sea level; normal range 310 mls. at 248 m.p.h. at 16,400 ft.; time to 16,400 ft., 6.9 min.; Service ceiling, 26,250 ft.; normal endurance, 1.25 hr. **Weights:** Empty, 4,123 lb.; normal loaded, 5,291 lb. **Dimensions:** Span, 33 ft. 9½ in.; Length, 27 ft. 4¾ in.; Height, 10 ft. 8 in.; wing area, 178.68 sq. ft.

WARPLANES by Wm. Green, Doubleday 1961, p.207

## Camouflage and Markings

IK-3 top camouflage: Dark green and medium brown over light grey. Small roundel on top of port wings, medium size below starboard. Small flag on tail, Blue (top), White and Red

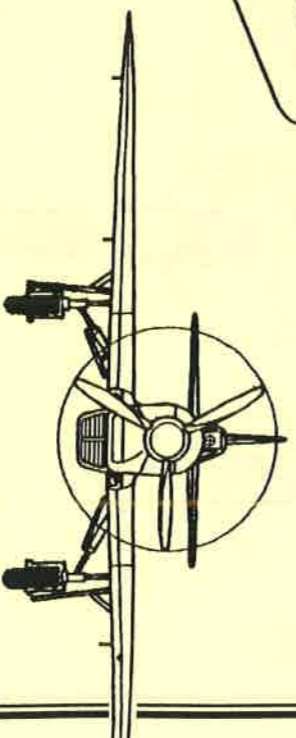
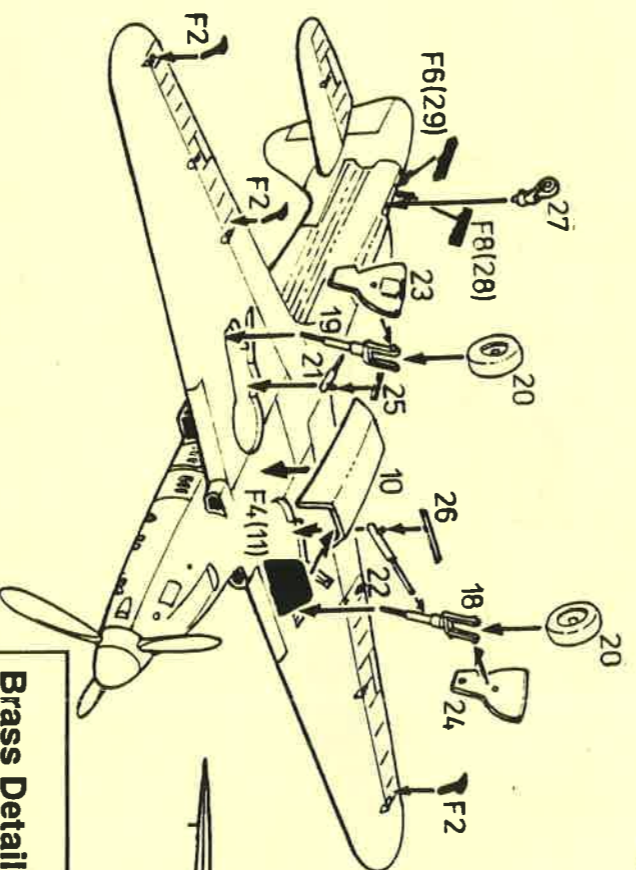
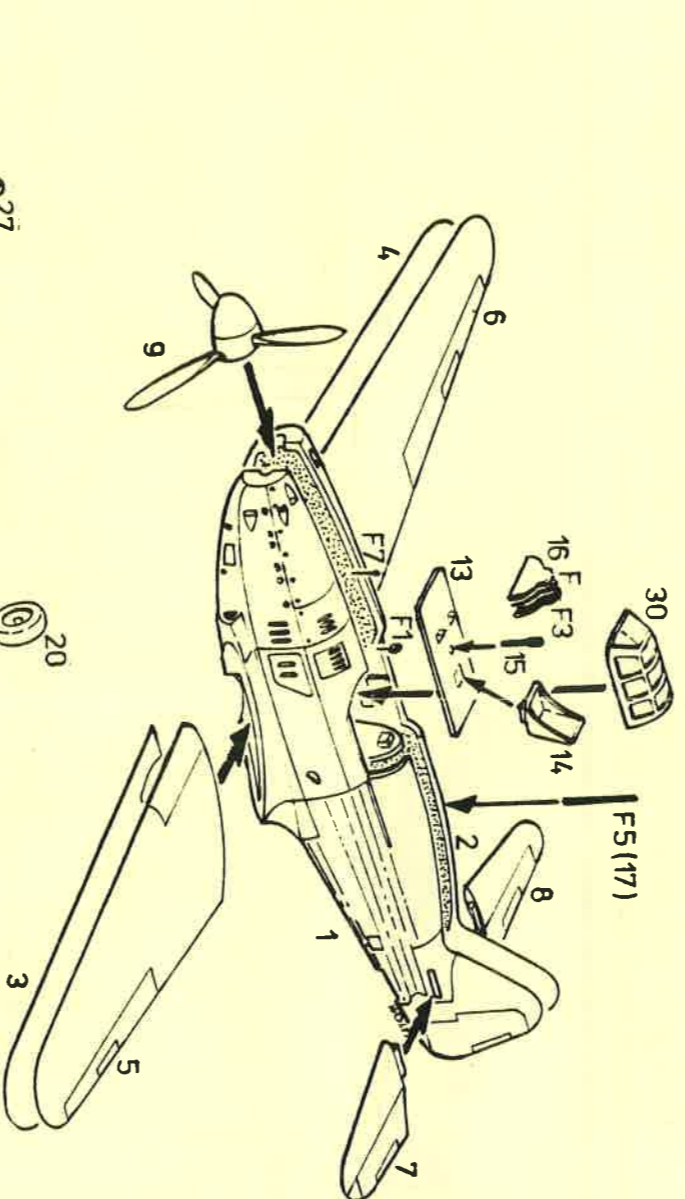
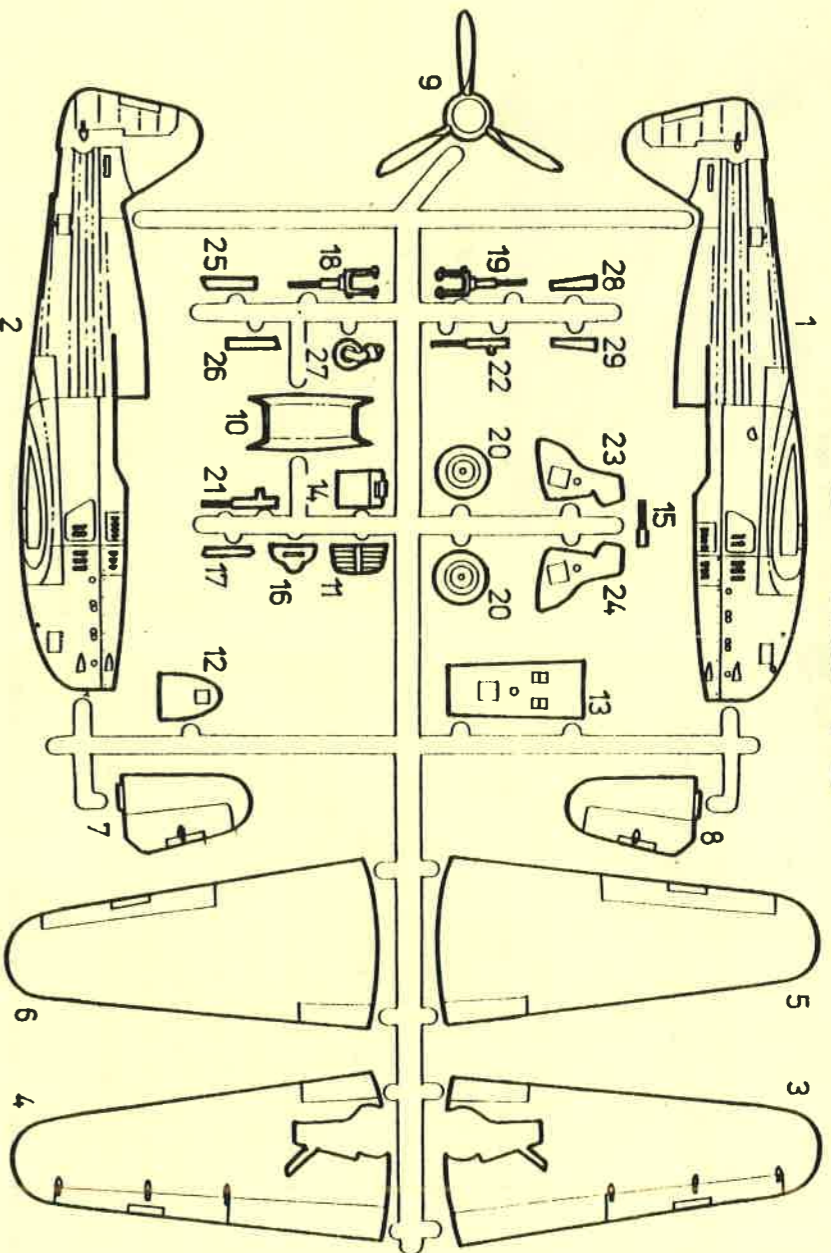


## References

War Planes of the Second World War, Volume # 4 pp 205-7 Doubleday & Co, Inc. Garden City, NY 1961

Profile Publications #242 IK Fighters (Yugoslavia: 1930-40) by Sime I. Ostric et al Doubleday 1974

# CONSTRUCTION



- Brass Details**
1. Gun Sight part I
  2. Mass Balances
  3. Instrument Panel
  4. Radiator Grill
  5. Loop Antenna
  6. Right Tail Wheel Door
  7. Gun Sight part II
  8. Left Tail Wheel Door

