

FUSELAGE

Longerons, uprights, cross pieces: 1/20" sq.
 Fwd. bulkheads (1-4): 1/20" balsa.
 Rear bulkheads (5 & 6): 1/32" balsa.
 Stringers: 1/32"x1/20".
 Cowl: 1/64" balsa.
 Headrest and nose block: soft balsa block.

PROPELLER

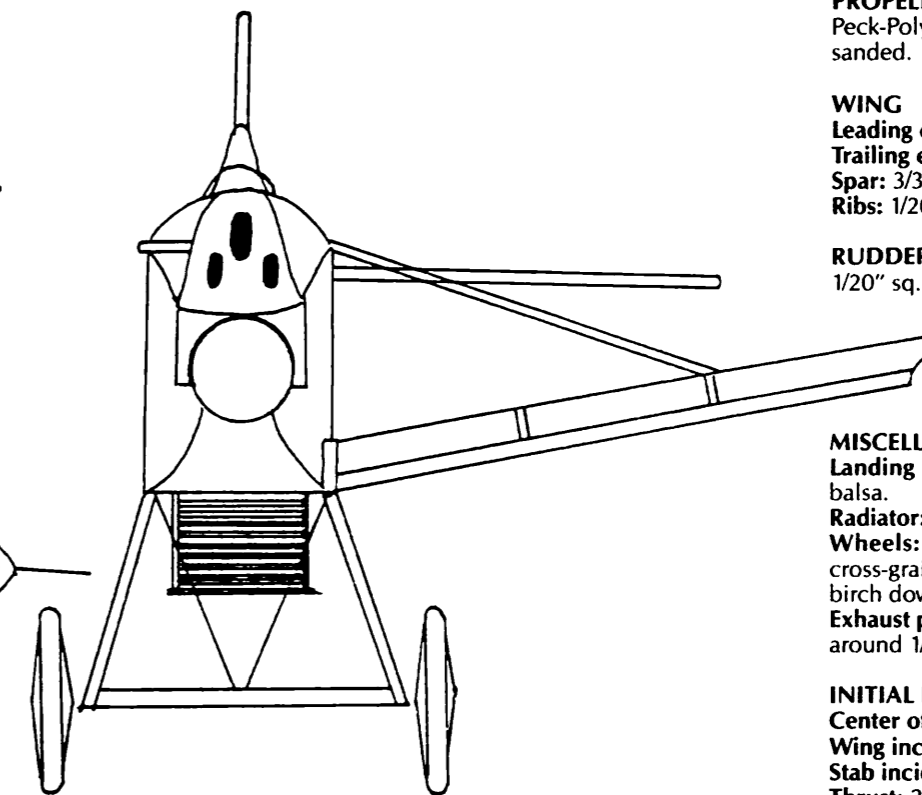
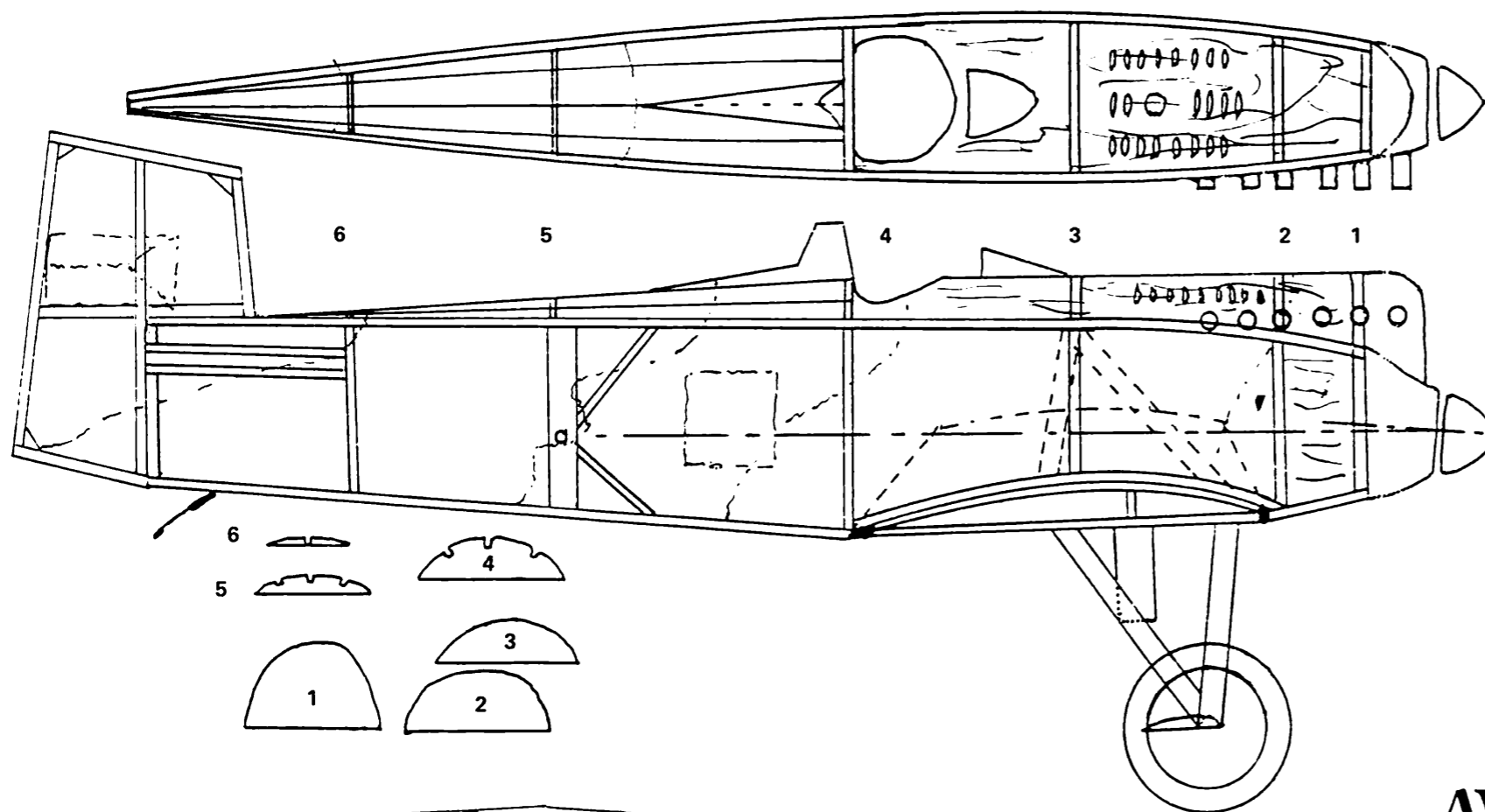
Peck-Polymers 4-3/4" dia., well sanded.

WING

Leading edge: 1/16" sq.
 Trailing edge: 1/8"x1/20".
 Spar: 3/32"x1/20", trim as req'd.
 Ribs: 1/20" balsa stock.

RUDDER/STAB

1/20" sq. throughout.



MISCELLANEOUS

Landing gear: 1/8"x1/16" hard balsa.
 Radiator: 1/32" balsa.
 Wheels: 2 laminations 1/20" cross-grained, bushed with 1/16" birch dowel.
 Exhaust pipes: Paper tubes rolled around 1/16" mandrel.

INITIAL FLIGHT SETTINGS

Center of gravity: 12%.
 Wing incidence: +3°.
 Stab incidence: -2°.
 Thrust: 2° down.
 Rudder: 2° left.
 Wash-in: Left panel, 1/16"x3/32".
 Wash-out: Right panel, 3/32"x1/8".
 Dihedral: 1" each panel.

COLOR SCHEME

Olive drab, earth brown, sand on upper surfaces; silver overall on lower surfaces except radiator and landing gear legs (olive drab). National insignia is red, white and blue. Squadron markings are a white square with black border.

REFERENCES

Radio Control Modeler, January 1988; Monographie 3-view, RCM cover photo for color details.

AVIA BH-3: A 1921 CZECHOSLOVAKIAN MILITARY AIRCRAFT

Designed and Drawn By John Berryman

