In 1971 the Swiss Federal Aircraft Factory at Emmental turned out this novel four-jet flying wing fighter and named it appropriately the N-20 "Crombow" (Arbalète). It was to be a 6-1/8ths scale model for a national defence interceptor, the "Glanzflug", but after the project was stopped, the "Crombow" soon passed into the hands of the Swiss Air Force at Emmen—and few knew the purpose or destiny of the aircraft. Whatever happened to it, we’ve taken it up as a most suitable subject for a cartoon. Launched glider that can be made in a hurry and will give hours of amusement. Make the wing 29" if you want a high speed long distance flyer, 23" for a medium distance flyer, and 20" for a fast low flying flyer. Finish glider. Shape the fuselage from 3/32 sheet balsa, and the nose plates from thin ply, otherwise the "Crombow" is all 1/16th sheet. All components are shown prior to assembly over at top left. Shape them, join the wing sheets and slide into fuselage slot. Use plenty of cement and apply four coats of enamels to obtain tip reflex. Sandpaper smooth, give two coats of one of three colour shades.

**Arbalète**

**SWISS 4 JET FIGHTER**

Cut slot to hold reflex curve

1/16" Jet nacelles

1/16" sheet fin

Red circle

White cross

Slot for wing holds airdfoil shape

Join line for 1/4" wide sheet

Paint black

Ply sides

Catapult hook

1/16" ply sides to nose

3/16" sheet profile fuselage (shaped to section)

Balance point

Wing curvature at tip

Mark control surfaces with ballpoint pen

Print on soft 1/16" wing

Cement smears on top only to obtain reflex curve at trailing edge

With the reflex wing, and plastic ballast to obtain balance on the nose. "Crombow" is meant for a short-distance launch with a 6 to 10 inch loop of 2 inch flat rubber for short flights, but noons high and suited for long distance flying. Use thin fin propeller blades and fine tuned slats, the speed diminishes under glider for the landing. It's an object lesson in elementary flying wing toys. Trailing edge of the wing slats together with the wing sections flat. TRY THIS ONE! It may look very simple—almost to the point of being a toy. But using the same principles will give the builder a handsome performer—and we expect to base on some streamlined plans.