

Flying Fun

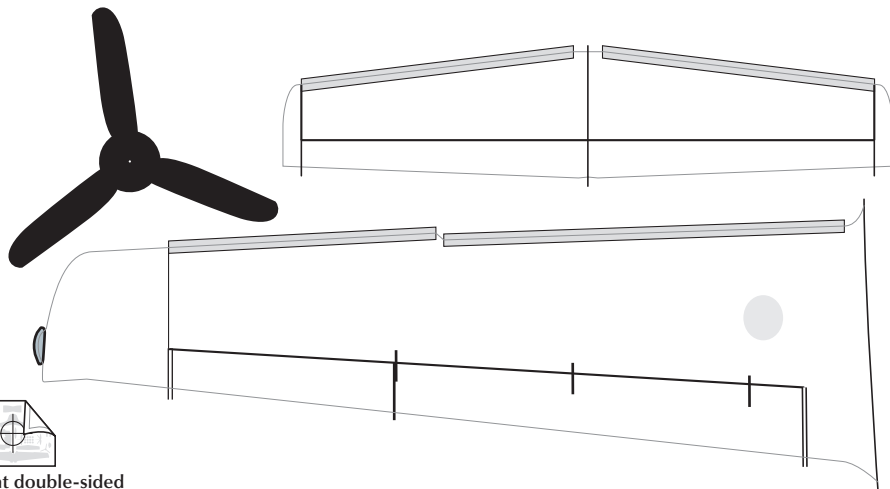
This model airplane is dedicated to the memory of Jim Adams (1932-2001), a participant in early International Paper Modelers Conventions. Jim was a retired high school teacher, Korean war vet, amateur pilot, entrepreneur and paper model designer who created and sold paper model kits at air shows and museums from the 1980s-1990s. He was inspired by the Wheaties penny paper toys of his youth to create flyable models of civilian aircraft to teach children about flight.

Cirrus SR22

The SR22 was introduced in 2001 by Cirrus Aircraft and within two years became the best-selling general aviation aircraft. The SR22 features a full-plane parachute for emergencies. The plane seats four and is used by flying schools, air taxis and private individuals. Specifications: Gross weight 3,600 lbs. Engine 310 hp Continental IO-550-N. Cruising speed 211 mph. Range 1,207 miles.

Directions for Assembly

1. Using a straight edge and dull table knife score all lines to be folded. Score all hinged control lines on wing, rudder and elevator.
2. Cut out pieces with sharp hobby knife or scissors. Any paper glue will do.
3. Cut out fuselage top and bottom. Cut out tiny slots for landing gear and antenna if desired. Roll fuselage around a pencil to form round corners. Glue bottom section tabs inside fuselage.
4. Score and cut out wing. Fold wing up slightly at two center folds. Curl leading edge of wing to create airfoil. Fold tabs at back of wing inward and slide through fuselage slots. Glue tab at center of wing to bottom of fuselage.
5. Score and fold penny holder. Glue or tape penny in place then fold and glue over penny. Glue holder in place to bottom of fuselage ahead of fuselage tabs.
6. Roll cockpit around a pencil to form round corners. Glue to fuselage. Curl bottom part of fuselage to fit shape of front of plane. Glue tabs inside working from bottom toward windshield. After front of fuselage is dry, add windshield, tucking side tabs inside.
7. Cut out slots for elevator in rudder. Fold and glue two sides of rudder section together. Press in book until dry to avoid warping. Cut out elevator and curl leading edge. Slide elevator into rudder slot. Glue rudder in slot at rear of fuselage.
8. Wait until glue is dry. As a simple glider your airplane is ready to fly.
9. For added realism you may add the landing gear, propeller and antenna. Landing gear: to make rolling wheels, poke holes at dots with nail or tack. Stack four wheel discs on a pin to glue. When dry, insert wire or thin paper clip cut to 3mm length. Curl landing gear sides and glue edges into airfoil shape. Insert wheel carefully to fit axle into holes in landing gear sides. Glue landing gear struts and bend to 45-degree angle. Glue strut to landing gear and underside of wing about 1/2" from fuselage. Propeller: Poke hole with nail. Insert pin before gluing spinner. Glue to hole in fuselage carefully to allow propeller to spin. Glue antenna to roof and flap hinges below wing.



print double-sided
along short edge

Build and Fly this Model of the



Cirrus SR22

Age 10 to Adult

1:48 scale

Made in U.S.A.

International Paper Modelers Convention
Sterling, Virginia

FREE
October 30, 2021

www.ipmc-info.org

