



TEST GLIDE

1. HOLD PLANE AS SHOWN WITH NOSE SLIGHTLY DOWN GIVE THE PLANE A SLIGHT THROW.
2. IF PLANE HAS TENDENCY TO STALL AS SHOWN, SLIDE WING TO REAR ABOUT 1/4" AND REPEAT GLIDE.
3. IF PLANE DIVES SLIDE WING FORWARD.

IDEAL GLIDE WITH SLIGHT LEFT TURN.

FLYING

(FLY INDOORS - SEE "FLYING SITES")
(FLY OUTDOORS WHEN AIR IS DEAD CALM.)

1. AFTER OBTAINING A GOOD GLIDE, GIVE PLANE ABOUT 300 TURNS.
2. HOLD PLANE AS SHOWN WITH NOSE SLIGHTLY UP, WITH OTHER HAND HOLDING PROP, RELEASE PROP AND LIGHTLY LAUNCH PLANE.
3. IF PLANE HAS TENDENCY TO STALL SLIDE WING TO REAR ABOUT 1/4". IF PLANE DIVES OR DOES NOT CLIMB ENOUGH, SLIDE WING FORWARD.
4. IF FLIGHT TENDENCY APPEARS GOOD GIVE PLANE ABOUT 1000 TURNS.
5. PROCEED TO FLY AND ADJUST. KEEP ADDING WINDS AND FLYING.
6. AFTER RUBBER IS BROKE IN YOU SHOULD GET 2500 TO 3000 TURNS ON A 3/6" LOOP OF 3/32" RUBBER.
7. LONGER RUBBER YIELDS LESS THRUST, LESS CLIMB, MORE TURNS.
8. SHORTER RUBBER YIELDS MORE THRUST, MORE CLIMB, LESS TURNS.

GLUES

1. FRANKLINS HOME SHOP & CRAFT GLUE (WOOD - 2 PARTS GLUE TO 1 PART WATER, COVERING - 1 PART GLUE TO 1 PART WATER)
2. TITEBOND GLUE
3. MICRO-X ULTRA CEMENT
4. TESTORS FAST DRYING CEMENT FOR WOOD
5. AMBROID CEMENT
6. DUCO CEMENT

NOTE: THERE ARE OTHER GLUES WHICH WILL WORK. USE TOOTHPICK TO APPLY GLUE TO WOOD.

GLUING WOOD JOINTS

1. COAT EACH PIECE TO BE JOINED WITH LIGHT COAT OF GLUE AND LET SOAK IN FOR A FEW SECONDS.
2. APPLY A SECOND COAT OF GLUE AND JOIN PIECES.

TOOLS

SOFT WORK BOARD, RAZOR BLADES, STRAIGHT PINS, STRAIGHT PINS, GLUE, SANDPAPER, LONG NOSE CUTTING PLIERS, 16 PLIERS, POINTED BRUSH, PLASTIC WRAP, SCISSORS

MACE MODEL AIRCRAFT CO.
TULSA, OKLAHOMA

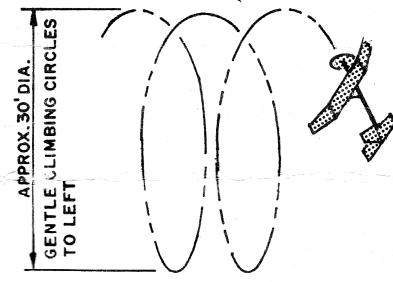
MANY THANKS TO LES SHAW WHO SUGGESTED THIS PLANE AND AIDED IN PLANES DESIGN.

P-24 "CONDOR"

WING SPAN - 24" LENGTH - 23 5/8"
WING AREA - 115 sq. in. STABILIZER AREA - 45 sq. in.
RUDDER AREA - 10 sq. in.

DESIGN BY - DON MACE DRAWN BY - DON MACE 7-8-87

APPROX. 30' DIA.
GENTLE CLIMBING CIRCLES TO LEFT



IDEAL FLIGHT PATTERN

PLANE SHOULD REACH A CRUISING ALTITUDE USING ABOUT 1/3 OF TURNS. IT SHOULD FLY FOR A TIME AT THIS ALTITUDE AND GRADUALLY START TO DESCEND. THE PLANE SHOULD LAND WITH A FEW WINDS LEFT.

