

# Dirty Bird III

THE DIRTY BIRD III, DESIGNED BY G. HARRY STINE, PRESIDENT OF THE NAR, IS ONE OF HIS FAVORITES, AS IT IS SO VERY EASY TO FLY AND ASSEMBLE. HERE IS HOW IT IS DONE. . .

FIRST CUT A BODY TUBE 9 1/4" IN LENGTH. THEN GLUE THE ENGINE BLOCK IN PLACE AT A DISTANCE OF 2 3/4" FROM THE REAR OF THE BODY TUBE (SEE ILLUSTRATION). TO DO THIS, PLACE A LARGE DAB OF GLUE ON THE END OF YOUR LITTLE FINGER. REACH THROUGH THE END OF THE BODY TUBE AND SPREAD THE GLUE AROUND THE INSIDE OF THE TUBE AS FAR FORWARD AS POSSIBLE. BE VERY CAREFUL NOT TO GET ANY GLUE NEAR THE END OF THE TUBE. INSERT THE ENGINE BLOCK IN THE END OF THE TUBE AND USING AN ENGINE CASING PUSH IT FORWARD UNTIL IT IS 2 3/4" FROM THE REAR. WHEN INSERTING THE ENGINE BLOCK DO NOT STOP UNTIL IT IS IN ITS PROPER POSITION. SOME GLUES SET VERY QUICKLY, AND STOPPING FOR A MOMENT MAY CAUSE THE BLOCK TO SET IN THE WRONG PLACE. BE SURE TO IMMEDIATELY REMOVE THE ENGINE CASING.

PUNCH A SMALL HOLE IN SIDE OF THE BODY TUBE ABOUT 1" FROM THE FRONT END. THEN TIE A KNOT IN ONE END OF THE SHOCK CORD, AND PUT THE OTHER END DOWN THROUGH THE HOLE IN THE BODY TUBE. REACH IN AND PULL THE SHOCK CORD THROUGH UNTIL THE KNOT COMES UP SNUG AGAINST THE BODY TUBE. PLACE THE STYRENE INSERT INTO THE NOSE CONE AND TIE THE MIDDLE OF THE SHOCK CORD TO THE EYELET. USE A TAPE DISC TO ATTACH THE OTHER END OF THE SHOCK CORD TO A 12" LENGTH OF STREAMER MATERIAL. CAREFULLY ALIGN AND GLUE THE LAUNCHING LUG TO THE SIDE OF THE BODY TUBE ABOUT HALF WAY ALONG THE TUBE. AFTER PLACING AN ENGINE IN THE END OF THE BODY TUBE, PUT ON THE TAIL FIN UNIT. TO ASSURE A TIGHT FRICTION FIT, IT MAY BE NECESSARY TO WRAP THE END OF THE BODY TUBE WITH SCOTCH OR MASKING TAPE.

THE DIRTY BIRD FLYS BEST WITH "B" TYPE ENGINES (B.8-4 AND B 3-5). THE A.8-3 IS FINE IF YOU HAVE A LIMITED FLYING AREA OR DON'T WANT TOO MUCH PERFORMANCE. MAKE SURE THE FINS FIT VERY TIGHTLY WHEN YOU USE THE B 3-5 ENGINE.

## PARTS LIST

Plastic Nose Cone	# PNC-40G
Body Tube	# BT-40
Shock Cord	# SC-1
Streamer Material	# SM-1
Plastic Fins	# PF-40A
Engine Block	# EB-40
Launching Lug	# LL-1B

