

WT. LESS MOTORS 1.6OZ.
BEST FLIGHT 150 FEET
ALTITUDE. DISTANCE 600
FEET. MODEL WILL TAKE
OFF ANY SMOOTH SUR-
FACE.

FOR BEST RESULTS
USE MEDIUM WEIGHT
"C" GRAIN BALSA FOR
ALL WOOD PARTS.

ELEVON FREE HERE
FOR MAKING ADJUST-
MENTS. SECURE WITH
PIN ALWAYS TEST
GLIDE AFTER A
CHANGE. TRIM CONTROL
SURFACES ONLY 1/32"
AT A TIME.

DECORATION, FUSELAGE
OUTLINE, LETTERING,
STRIPES, DONE WITH
WET COLORED PENCIL.

'UP ELEVON' LEFT-
LOWERS LEFT WING,
ROLLS RIGHT. NOSE
UP.

'DOWN ELEVON' RIGHT-LIFTS WING
INTO LEFT ROLL NOSE DOWN.

FLIGHT SCHEDULE: CHECK C.G. LOCATION. TRIM
ELEVONS FOR LARGE CIRCLE, STEEP GLIDE. ALWAYS
FIRE JET ON INSIDE OF FLIGHT CIRCLE FIRST.
PULL FUSE WIRES AFTER IGNITION. LAUNCH FLAT
INTO WIND. ROCKET EFFICIENCY INCREASES WITH
SPEED.

YOUR SKI-DART WILL FLY FASTER AND
HIGHER IF THE FLYING SURFACES
ARE TRUE AND UNWARPED

MOTOR CLIPS ARE HELD BY
SINGLE 2-56 BOLT 5/16" LONG
THROUGH HOLE DRILLED IN CENTER
OF CLIP. THIS ALLOWS DOWNTHRUST
SETTINGS. USE ABOUT 10 DEGREES.
ROTATE MOTOR CLIPS FRONT DOWN.

GEAR STRUTS ARE .032 WIRE. BENT
AS PER PLAN. GLUE FIRMLY TO SKIS
MADE OF STIFF CARDBOARD. CUT
SMALL WEDGE AT NOSE AND BEND
TO SHAPE.

ALUMINUM FOIL IN MOTOR AREA

SKI PATTERN

"REFLEX SECTION" SANDED
FROM LOWER SIDE OF
WING T.E. FULL SPAN.

WING TIP

ELEVONS NOT INSTALLED UNTIL
WING AND FUSE. JOINED
1/16" SHEET.

WING MADE
FROM 1/8" SHEET
BALSA "BOARD" DO
NOT SAND SMOOTH
UNTIL L.E. STRIPS ARE
ADDED. ROUND L.E. LAST.
LARGE SANDING BLOCK
MAKES WORK EASY.

FIN IS TWO
PIECES 3/32"
SHEET JOINED
AS SHOWN.

REAR
VIEW

GET MODEL TO BALANCE AT C.G.
BY MOVING MOTORS OR ADDING CLAY
WEIGHT WHERE NEEDED.

WING SLOT ENDS HERE

SCALE IN INCHES

