stuka stunt

BY DON STILL, "HOBBY HAVEN", 306 ORLEANS, BEAUMONT, TEXAS. DON WAS TOP PLACING (2066.6 POINTS) MEMBER OF WINNING USA TEAM, WITH HIS NEW VERSION STUKA STUNT, AT 1960 WORLD STUNT CHAMPIONSHIPS, BUDAPEST, HUNGARY

THIS 3-VIEW IS OF DON'S TWO YEAR OLD MODEL, WHICH HE FLEW AT THE '60 WORLD CHAMPIONSHIPS. FOX 25 USED WITH VECO EXTENSION SHAFT

9" x 5" PROP
1" BLOCK
A
RED — BOTH SIDES
B
DETACHABLE HARDWOOD MAST
1/16" DIA. PUSHROD
C
RED NUMERALS
BLACK SWASTIKA WITH WHITE OUTLINE
1/4" SHEET RUDDER
3/8" SHEET FIN — 1/16" SHEET RIBS
3/32" SHEET
E
1 OUNCE TIP WEIGHT
3/32" DIA. PUSHROD
WHITE CROSS
BLACK "K" ON WHITE BAND
5/8" DIA. TAILWHEEL
1/2" SHEET
1/8" SHEET BOTTOM AND SIDES
COWL BUILT UP FROM 1/4" SHEET
BALANCE IS AT 1-1/2" BEHIND WING L.E.
3° RIGHT SIDETHRUST
3/16" SQ. L.E. AND SPARS
3 OZ. CLUNK TANK (CUT DOWN FROM DEBOLT 4 OZ. TANK)
D
1" WIDE TAPE HINGES
2-3/4" PYLON BELLCRANK
1/16" x 1" SHEET (TOP & BOTTOM)
1/16" PLYWOOD C/SECTION WING RIBS
FLAPS AND ELEVATORS HAVE 45° "DOWN" & 45° "UP" MOVEMENT
1/2" SHEET TOP — ROUNDED & HOLLOWED
MODEL FLOWN AT '60 WORLD CHAMPIONSHIPS
F
3/8" SHEET FAIRING
1/16" x 1/4" CAPSTRIPS
1/8" SHEET
LARGE VECO CONTROL HORN
1" WIDE TAPE HINGES
3/8" SHEET OUTLINES WITH 1/16" SHEET RIBS
WING SPAN: 47"
LENGTH: 32-3/4"
WING AREA: 391 SQ. IN.
FLAP AREA: 75 SQ. IN.
TOTAL AREA: 466 SQ. IN.
STABILIZER & ELEVATOR AREA: 87 SQ. IN.
WEIGHT: 28 — 30 OZS.
LINES: 57-1/2 FEET
1/4" SQ. SPAR
LARGE VECO CONTROL HORN
3/8" SHEET FLAPS WITH 1/16" SHEET RIBS
12° RUDDER OFFSET
WHITE CROSS
FLEXIBLE LEAD-OUT WIRES
3/32" DIA. BRASS TUBING
1-3/4" DIA. VECO SPINNER (RED)
1/8" PLYWOOD FUSELAGE FORMERS USED FORWARD OF WING LEADING EDGE
3/32" SHEET TIP PLATES
23" RIGHT WING
24" LEFT WING
3/32" SHEET RIBS
1/16" SHEET
1/8" DIA. WIRE BETWEEN 2 PIECES OF 1/8" SHEET
MODEL BUILT WITH AMBROID CEMENT — COVERED WITH JAP SILK & SPRAYED BLACK
L/GEAR ATTACHED WITH "J" BOLTS
2-3/8" DIA. VECO SPONGE WHEELS
— BILL DEAN

PLANS FOR THE ORIGINAL VERSIÓN STUKA WERE FEATURED IN THE APRIL, 1952 "AIR TRAILS". THE MODEL WON '52 AND '54 NATS, '53 PLYMOUTH INTERNATS AND '51 TANGERINE INTERNATS — PLUS SECOND PLACES AT '60 AND '51 NATIONALS

5 10 15 20 25 30 35 40 45 INCHES

3/32" SHEET
1/8" SHEET
1/16" SHEET RIBS
3/8" SHEET OUTLINES
STAB AND ELEVATOR SECTION AT F
WING TIP SECTION AT E
1/2" SHEET (HOLLOWED)
SECTION AT C
1/8" SHEET SIDES AND FORMER
1/16" PLYWOOD PUSHROD GUIDE
1" x 2-1/4" BLOCK
3/8" x 1/2" MAPLE BEARERS
1/2" SHEET
1/32" PLYWOOD DOUBLERS
1/16" PLYWOOD
1/8" SHEET BOTTOM & FORMERS
WING
1/16" SHEET L.E. COVERING
3/32" SHEET RIBS
3/16" SQ. L.E.
1/16" x 1/4" CAPSTRIPS
1/16" SHEET RIBS
3/16" SQ. SPARS
1/4" SQ.
SECTION AT A
1/4" SQUARES
WING SECTION AT D
3/8" SHEET FLAPS
SECTION AT B