BS-1

1" DIA HOLES

1/8" LITE PLY

CABANE BEND DETAIL

FRONT & REAR CABANES ARE IDENTICAL

BEND LINE

1/16" ALUMINUM SHEET

FRONT & REAR CABANE STRUT

LANDING GEAR PATTERN

5/32" DIA MUSIC WIRE

1/4" LITE PLY

MOTOR SUPPORT

1/4" LITE PLY

MOTOR SUPPORT BRACKET

3/16" BALSA SHEET

LOCATION OF SONIC TRONIC NIFTY HINGE (TYPICAL)

3/16" BALSA SHEET (LITE - MEDIUM)

STABILIZER

1/16" PLY - TOP & BOTTOM FOR ELEV. HORNS

3/16" BALSA SHEET

ELEV.

NOTE FILL LAST 2 BAYS OF FUSELAGE WITH 3/16 BALSA SHEET - STABILIZER SUPPORT

2-56 THREADED ROD

WRAP WITH COPPER WIRE

SILVER SOLDER

TO ELEVATOR HORNS

BALSA FILL

DETAIL C

FIBERGLASS COWL

F-1 F-4 F-2 F-5 F-6 F-7

FUSELAGE TOP VIEW

C-1

1/32" PLY DOUBLERS

1/2" LITE PLY WING HOLD DOWN BLOCKS

F-8

ELEVATOR SERVO

RUDDER SERVO

F-9

3/32" BALSA SHEET FUSELAGE SIDES

SULLIVAN GOLDEN ROD

1/8" SQ BALSA

F-10

F-11

F-12

COAT WITH SILICONE SEALER

1/4" LITE PLY

1/2" BALSA TRI

1/2" BALSA TRI

SILVER SOLDER

3/32" SQ BRASS TUBE

1/32" x 1/4" BRASS STRAP (2)

ASTRO FLIGHT COBALT 40 (GEARED)

4-40 BOLT

1/4" LITE PLY

4-40 BLIND NUT

MOTOR MOUNT DETAIL

(BOB KOPSKI "V" BLOCK)

2-1/4" DIA. HOLE

1/4" LITE PLY

F-1

1" DIA HOLE

1/8" LITE PLY

F-2

1/8" BALSA SHEET

F-8

1/8" BALSA SHEET

F-9

3/32" BALSA SHEET

F-10

NOTE: BUTT GLUE LOWER STRINGER

F-11

1/8" BALSA SHEET

F-12

C-1

1/4" LITE PLY

BS-4

BS-2

1/8" LITE PLY

F-3

1/4" LITE PLY

BUTT GLUE ALL STRINGERS

F-1 F-4 F-2 F-5 F-6 F-7

4-40 BOLTS

4-40 BOLTS

C-1

1/4" BALSA TRI

1/4" BALSA TRI

C-1 1/4" LITE PLY

SEE DETAIL A

BS-1 1/8" LITE PLY

BS-2

BS-4

W-1

W-3

0°

F-6

F-9

F-10

F-11

F-12

BALSA FILL

1/4" SQ SPRUCE

1/8" BALSA SHEET HATCH - DETAIL E

1/8" BALSA SHEET

C.G.

BUILD UP FROM 3/32" BALSA SHEET

3/16" DOWEL

1/4"-20 NYLON BOLTS (2)

1/8" SQ. SPRUCE BOTTOM STRINGERS

FUSELAGE SIDE VIEW

NOTE FUSELAGE SIDES ARE 3/32" BALSA SHEET NOT SHOWN IN THIS VIEW FOR CLARITY

△ = 3/32" BALSA SHEET FUSELAGE SIDE

▲ = 1/32" PLYWOOD DOUBLER

SMALL HORN - TOP & BOTTOM WINGS BOTH SIDES

10-32 NYLON BOLTS (4)

TWIST TO FIT WING

COUPLING ROD IS 2-56 THREADED ROD WITH 2 CLEVIS & 2 2-56 NUTS

2-56 NUTS & BOLTS

SEE SHEET 2 FOR CABANE DETAIL

SOFT BALSA HEADREST

PLASTIC WINDSCREEN

3/32" BALSA SHEET

FIBERGLASS COWL

MOTOR SUPPORT BRACKET

FLIGHTEC SEC II THROT. CONTROL

MOTOR SUPPORT

1/4" LITE PLY

L.G. FAIRINGS & WHEEL PANTS TO SUIT

5/32" DIA MUSIC WIRE

DAVE BROWN 3" DIA. LITE PLY

1/2" LITE PLY

HI-TEC SERVOS

1/4" x 1/2" SPRUCE

1/8" SQ. BALSA TOP & BOTTOM

STABILIZER PLATFORM

3/16" BALSA SHEET

LOCATION OF SONIC TRONIC NIFTY HINGE (TYPICAL)

FIN

RUDDER

3/16" BALSA SHEET (MEDIUM)

1/8" LITE PLY

F-4

F-5

3/32" BALSA SHEET

1/64" PLY DOUBLERS BOTH SIDES

3/16" BALSA SHEET TIP

F-6 & F-7

1/8" LITE PLY

1/16" DIA MUSIC WIRE

1" DIA TAILWHEEL

TAIL GEAR

DETAIL D

TWO 1/32" PLY & TWO 1/8" LITE PLY

1/4" PLY

1/32" PLY

1/8" LITE PLY

CROSS SECT

TRIM OUT FOR COOLING AIR

1/8" BALSA SHEET

HATCH - DETAIL E

1/8" PLY

LG STRUT

1/32" PLY

1/8" LITE PLY

DETAIL A

SPECIFICATIONS

WEIGHT	7-3/4 LBS.
TYPE	SPORT ELECTRIC
WING SPAN	TOP 53" BOTTOM 45"
WING CHORD	TOP 10" BOTTOM 6.5"
TOTAL WING AREA	912 SQ IN.
WING LOCATION	BI-PLANE
AIRFOIL	2412 MODIFIED
OVERALL LENGTH	42-1/2"
MOTOR	ASTRO FLIGHT 40 GEARED COBALT
CONTROL	4 CHANNELS
BATTRIES	20 N1700 scrc SANYO

0" 1" 2" 3" 4" 5" 6"

MODEL AIRPLANE NEWS

DER ELECTRIK JAGER

DESIGNED BY CHARLES D EVANS

DRAWN BY CHARLES D. EVANS

INKED PLANS BY JOE DEMARCO

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SHEET 1 OF 2

FSP 10961