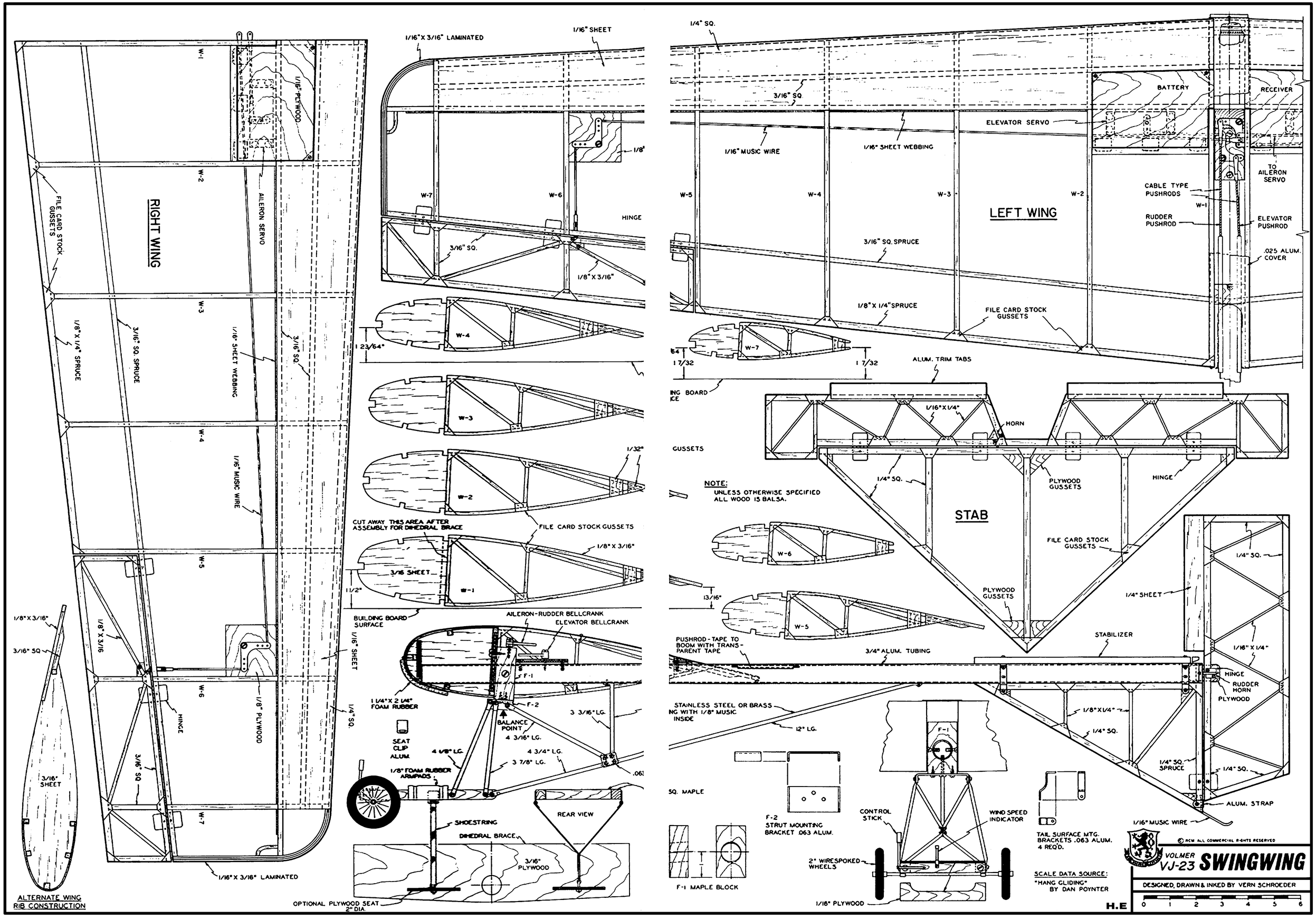
RIGHT WING
W-1
W-2
W-3
W-4
W-5
W-6
W-7
1/16" PLYWOOD
AILERON SERVO
FILE CARD STOCK GUSSETS
1/8" X 1/4" SPRUCE
3/16" SQ. SPRUCE
1/16" SHEET WEBBING
3/16" SQ.
1/16" MUSIC WIRE
1/8" X 3/16
1/8" PLYWOOD
HINGE
3/16" SQ
1/16" SHEET
1/4" SQ.
1/8" X 3/16"
3/16" SQ
3/16" SHEET
1/16" X 3/16" LAMINATED
ALTERNATE WING RIB CONSTRUCTION
1/16" X 3/16" LAMINATED
1/16" SHEET
1/8"
HINGE
3/16" SQ.
1/8" X 3/16"
1 23/64"
1/32"
CUT AWAY THIS AREA AFTER ASSEMBLY FOR DIHEDRAL BRACE
FILE CARD STOCK GUSSETS
1/8" X 3/16"
3/16 SHEET
1 1/2"
BUILDING BOARD SURFACE
AILERON-RUDDER BELLCRANK
ELEVATOR BELLCRANK
F-1
F-2
1 1/4" X 2 1/4" FOAM RUBBER
BALANCE POINT
3 3/16" LG.
4 3/16" LG.
SEAT CLIP ALUM.
4 1/8" LG.
4 3/4" LG.
3 7/8" LG.
1/8" FOAM RUBBER ARMPADS
.063
SHOESTRING
DIHEDRAL BRACE
REAR VIEW
3/16" PLYWOOD
OPTIONAL PLYWOOD SEAT 2" DIA.
1/4" SQ.
3/16" SQ.
1/16" MUSIC WIRE
1/16" SHEET WEBBING
3/16" SQ. SPRUCE
1/8" X 1/4" SPRUCE
FILE CARD STOCK GUSSETS
ELEVATOR SERVO
BATTERY
RECEIVER
TO AILERON SERVO
CABLE TYPE PUSHRODS
RUDDER PUSHROD
ELEVATOR PUSHROD
.025 ALUM. COVER
LEFT WING
W-1
W-2
W-3
W-4
W-5
W-7
1 7/32
ALUM. TRIM TABS
BOARD
1/16" X 1/4"
HORN
GUSSETS
1/4" SQ.
PLYWOOD GUSSETS
HINGE
NOTE:
UNLESS OTHERWISE SPECIFIED ALL WOOD IS BALSA.
STAB
FILE CARD STOCK GUSSETS
W-6
13/16"
W-5
PLYWOOD GUSSETS
1/4" SHEET
1/4" SQ.
STABILIZER
PUSHROD - TAPE TO BOOM WITH TRANS-PARENT TAPE
3/4" ALUM. TUBING
1/16" X 1/4"
HINGE
RUDDER HORN
PLYWOOD
STAINLESS STEEL OR BRASS NG WITH 1/8" MUSIC INSIDE
12" LG.
1/8" X 1/4"
1/4" SQ.
1/4" SQ. SPRUCE
1/4" SQ.
ALUM. STRAP
1/16" MUSIC WIRE
SQ. MAPLE
F-2 STRUT MOUNTING BRACKET .063 ALUM.
F-1 MAPLE BLOCK
F-1
CONTROL STICK
WIND SPEED INDICATOR
2" WIRESPOKED WHEELS
1/16" PLYWOOD
TAIL SURFACE MTG. BRACKETS .063 ALUM. 4 REQ'D.
SCALE DATA SOURCE:
"HANG GLIDING" BY DAN POYNTER
H.E
© RCM ALL COMMERCIAL RIGHTS RESERVED
VOLMER
VJ-23 SWINGWING
DESIGNED, DRAWN & INKED BY VERN SCHROEDER
0 1 2 3 4 5 6