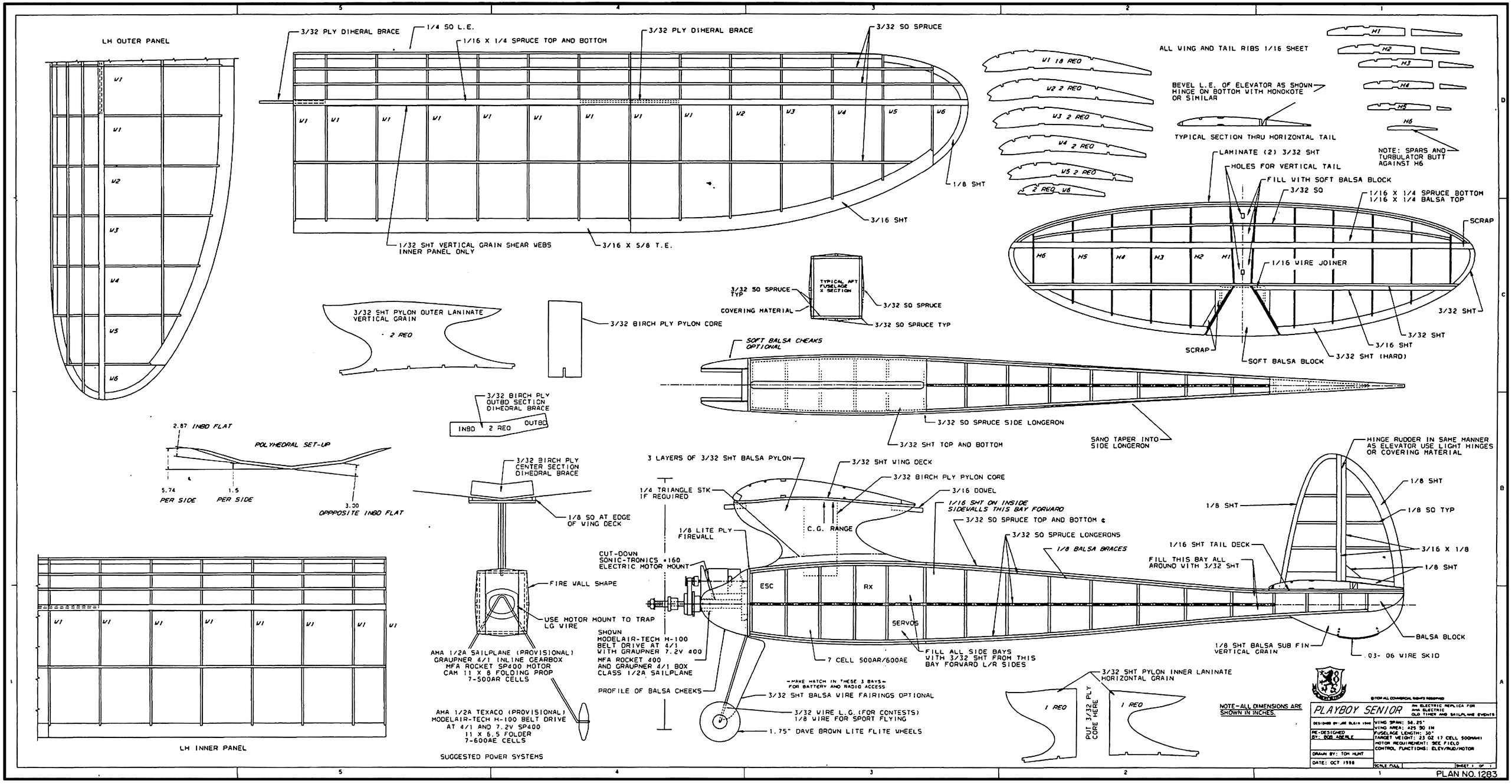
LH OUTER PANEL
V1
V1
V2
V3
V4
V5
V6
3/32 PLY DIHERAL BRACE
1/4 SQ L.E.
1/16 X 1/4 SPRUCE TOP AND BOTTOM
3/32 PLY DIHERAL BRACE
3/32 SQ SPRUCE
V1 V1 V1 V1 V1 V1 V1 V1 V1 V2 V3 V4 V5 V6
1/8 SHT
3/16 SHT
1/32 SHT VERTICAL GRAIN SHEAR WEBS
INNER PANEL ONLY
3/16 X 5/8 T.E.
V1 1 REQ
V2 2 REQ
V3 2 REQ
V4 2 REQ
V5 2 REQ
2 REQ V6
ALL WING AND TAIL RIBS 1/16 SHEET
H1
H2
H3
H4
H5
H6
BEVEL L.E. OF ELEVATOR AS SHOWN
HINGE ON BOTTOM WITH MONOKOTE
OR SIMILAR
TYPICAL SECTION THRU HORIZONTAL TAIL
NOTE: SPARS AND
TURBULATOR BUTT
AGAINST H6
LAMINATE (2) 3/32 SHT
HOLES FOR VERTICAL TAIL
FILL WITH SOFT BALSA BLOCK
3/32 SQ
1/16 X 1/4 SPRUCE BOTTOM
1/16 X 1/4 BALSA TOP
SCRAP
H6 H5 H4 H3 H2 H1
1/16 WIRE JOINER
3/32 SHT
3/32 SHT
3/16 SHT
3/32 SHT (HARD)
SCRAP
SOFT BALSA BLOCK
3/32 SHT PYLON OUTER LANINATE
VERTICAL GRAIN
2 REQ
3/32 BIRCH PLY PYLON CORE
TYPICAL AFT
FUSELAGE
X SECTION
3/32 SQ SPRUCE
TYP
COVERING MATERIAL
3/32 SQ SPRUCE
3/32 SQ SPRUCE TYP
SOFT BALSA CHEAKS
OPTIONAL
3/32 BIRCH PLY
OUTBD SECTION
DIHEDRAL BRACE
INBD
2 REQ
OUTBD
3/32 SQ SPRUCE SIDE LONGERON
3/32 SHT TOP AND BOTTOM
SAND TAPER INTO
SIDE LONGERON
2.87 INBD FLAT
POLYHEDRAL SET-UP
5.74
PER SIDE
1.5
PER SIDE
3.00
OPPPOSITE INBD FLAT
3/32 BIRCH PLY
CENTER SECTION
DIHEDRAL BRACE
1/8 SQ AT EDGE
OF WING DECK
3 LAYERS OF 3/32 SHT BALSA PYLON
3/32 SHT WING DECK
3/32 BIRCH PLY PYLON CORE
1/4 TRIANGLE STK
IF REQUIRED
3/16 DOWEL
1/16 SHT ON INSIDE
SIDEWALLS THIS BAY FORWARD
3/32 SQ SPRUCE TOP AND BOTTOM ¢
C.G. RANGE
1/8 LITE PLY
FIREWALL
3/32 SQ SPRUCE LONGERONS
1/8 BALSA BRACES
CUT-DOWN
SONIC-TRONICS +160
ELECTRIC MOTOR MOUNT
FIRE WALL SHAPE
ESC
RX
SERVOS
USE MOTOR MOUNT TO TRAP
LG WIRE
SHOWN
MODELAIR-TECH H-100
BELT DRIVE AT 4/1
WITH GRAUPNER 7.2V 400
MFA ROCKET 400
AND GRAUPNER 4/1 BOX
CLASS 1/2A SAILPLANE
AMA 1/2A SAILPLANE (PROVISIONAL)
GRAUPNER 4/1 INLINE GEARBOX
MFA ROCKET SP400 MOTOR
CAM 11 X 8 FOLDING PROP
7-500AR CELLS
PROFILE OF BALSA CHEEKS
7 CELL 500AR/600AE
FILL ALL SIDE BAYS
WITH 3/32 SHT FROM THIS
BAY FORWARD L/R SIDES
=MAKE HATCH IN THESE 3 BAYS=
FOR BATTERY AND RADIO ACCESS
3/32 SHT BALSA WIRE FAIRINGS OPTIONAL
3/32 VIRE L.G. (FOR CONTESTS)
1/8 WIRE FOR SPORT FLYING
1.75" DAVE BROWN LITE FLITE WHEELS
AMA 1/2A TEXACO (PROVISIONAL)
MODELAIR-TECH H-100 BELT DRIVE
AT 4/1 AND 7.2V SP400
11 X 6.5 FOLDER
7-600AE CELLS
SUGGESTED POWER SYSTEMS
HINGE RUDDER IN SAME MANNER
AS ELEVATOR USE LIGHT HINGES
OR COVERING MATERIAL
1/8 SHT
1/8 SHT
1/8 SQ TYP
1/16 SHT TAIL DECK
3/16 X 1/8
FILL THIS BAY ALL
AROUND WITH 3/32 SHT
1/8 SHT
BALSA BLOCK
1/8 SHT BALSA SUB FIN
VERTICAL GRAIN
.03- 06 WIRE SKID
V1 V1 V1 V1 V1 V1 V1 V1
LH INNER PANEL
3/32 SHT PYLON INNER LANINATE
HORIZONTAL GRAIN
1 REQ
PUT 3/32 PLY
CORE HERE
1 REQ
NOTE-ALL DIMENSIONS ARE
SHOWN IN INCHES.
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PLAYBOY SENIOR
AMA ELECTRIC REPLICA FOR
AMA ELECTRIC
OLD TIMER AND SAILPLANE EVENTS
DESIGNED BY: JOE BLAIR 1996
RE-DESIGNED
BY: BOB SIEBLE
DRAWN BY: TOM HUNT
DATE: OCT 1998
WING SPAN: 58.25"
WING AREA: 425 SQ IN
FUSELAGE LENGTH: 30"
TARGET WEIGHT: 23 OZ (7 CELL 500MAH)
MOTOR REQUIREMENT: SEE FIELD
CONTROL FUNCTIONS: ELEV/RUD/MOTOR
SCALE FULL
SHEET 1 OF 1
PLAN NO. 1283