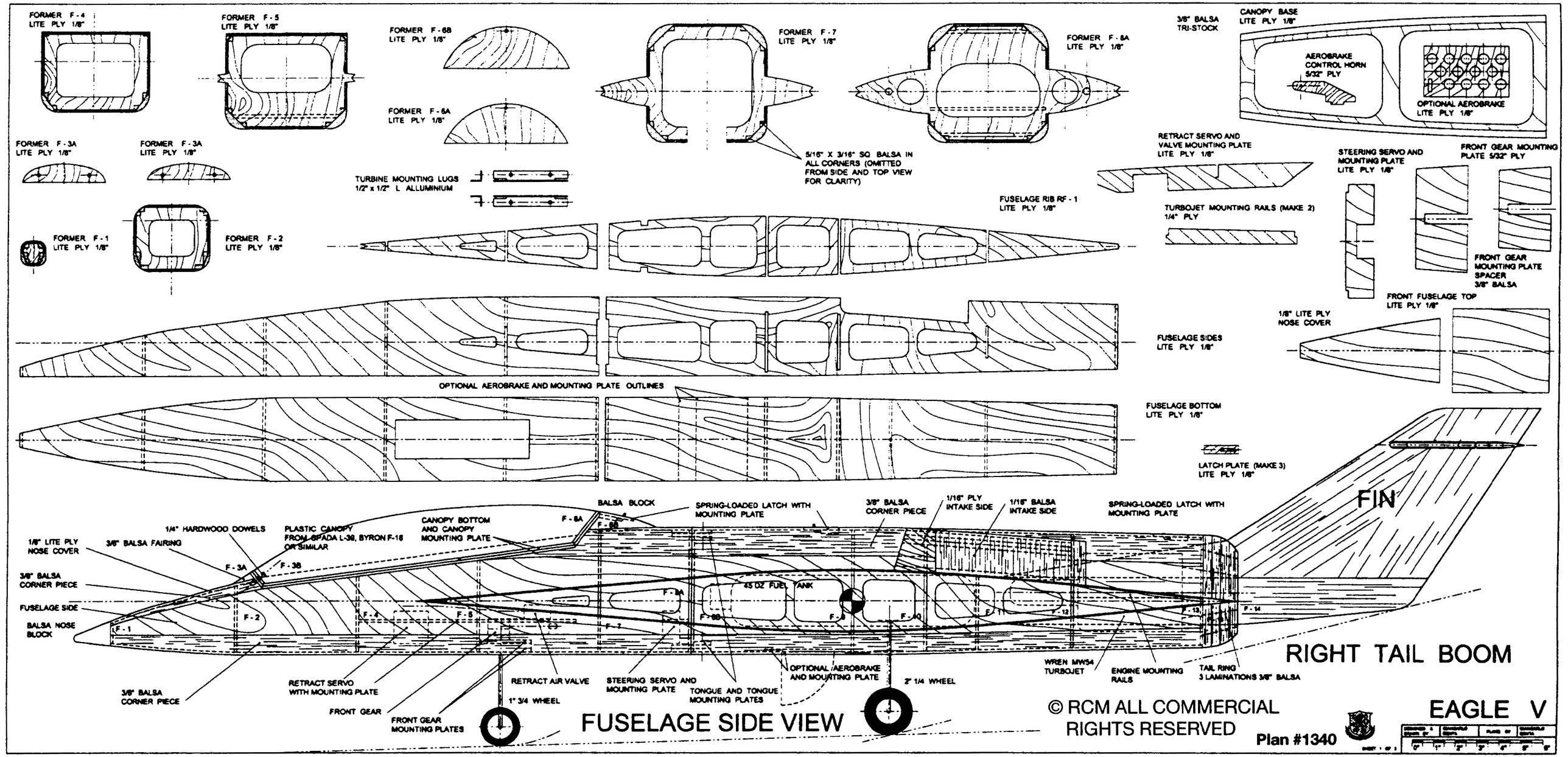
FORMER F-4
LITE PLY 1/8"
FORMER F-5
LITE PLY 1/8"
FORMER F-6B
LITE PLY 1/8"
FORMER F-6A
LITE PLY 1/8"
FORMER F-7
LITE PLY 1/8"
FORMER F-8A
LITE PLY 1/8"
3/8" BALSA
TRI-STOCK
CANOPY BASE
LITE PLY 1/8"
AEROBRAKE
CONTROL HORN
5/32" PLY
OPTIONAL AEROBRAKE
LITE PLY 1/8"
FORMER F-3A
LITE PLY 1/8"
FORMER F-3A
LITE PLY 1/8"
TURBINE MOUNTING LUGS
1/2" x 1/2" L ALLUMINIUM
5/16" X 3/16" SQ BALSA IN
ALL CORNERS (OMITTED
FROM SIDE AND TOP VIEW
FOR CLARITY)
RETRACT SERVO AND
VALVE MOUNTING PLATE
LITE PLY 1/8"
STEERING SERVO AND
MOUNTING PLATE
LITE PLY 1/8"
FRONT GEAR MOUNTING
PLATE 5/32" PLY
FUSELAGE RIB RF-1
LITE PLY 1/8"
TURBOJET MOUNTING RAILS (MAKE 2)
1/4" PLY
FORMER F-1
LITE PLY 1/8"
FORMER F-2
LITE PLY 1/8"
FRONT GEAR
MOUNTING PLATE
SPACER
3/8" BALSA
FRONT FUSELAGE TOP
LITE PLY 1/8"
1/8" LITE PLY
NOSE COVER
FUSELAGE SIDES
LITE PLY 1/8"
OPTIONAL AEROBRAKE AND MOUNTING PLATE OUTLINES
FUSELAGE BOTTOM
LITE PLY 1/8"
LATCH PLATE (MAKE 3)
LITE PLY 1/8"
FIN
BALSA BLOCK
SPRING-LOADED LATCH WITH
MOUNTING PLATE
3/8" BALSA
CORNER PIECE
1/16" PLY
INTAKE SIDE
1/16" BALSA
INTAKE SIDE
SPRING-LOADED LATCH WITH
MOUNTING PLATE
1/4" HARDWOOD DOWELS
PLASTIC CANOPY
FROM GRADA L-39, BYRON F-16
OR SIMILAR
CANOPY BOTTOM
AND CANOPY
MOUNTING PLATE
1/8" LITE PLY
NOSE COVER
3/8" BALSA FAIRING
3/8" BALSA
CORNER PIECE
FUSELAGE SIDE
BALSA NOSE
BLOCK
F-1
F-2
F-3A
F-3B
F-4
F-5
F-6A
F-6B
F-7
F-8A
F-8B
F-9
F-10
F-11
F-12
F-13
F-14
45 OZ FUEL TANK
3/8" BALSA
CORNER PIECE
RETRACT SERVO
WITH MOUNTING PLATE
FRONT GEAR
FRONT GEAR
MOUNTING PLATES
RETRACT AIR VALVE
1" 3/4 WHEEL
STEERING SERVO AND
MOUNTING PLATE
TONGUE AND TONGUE
MOUNTING PLATES
OPTIONAL AEROBRAKE
AND MOUNTING PLATE
2" 1/4 WHEEL
WREN MW54
TURBOJET
ENGINE MOUNTING
RAILS
TAIL RING
3 LAMINATIONS 3/8" BALSA
RIGHT TAIL BOOM
FUSELAGE SIDE VIEW
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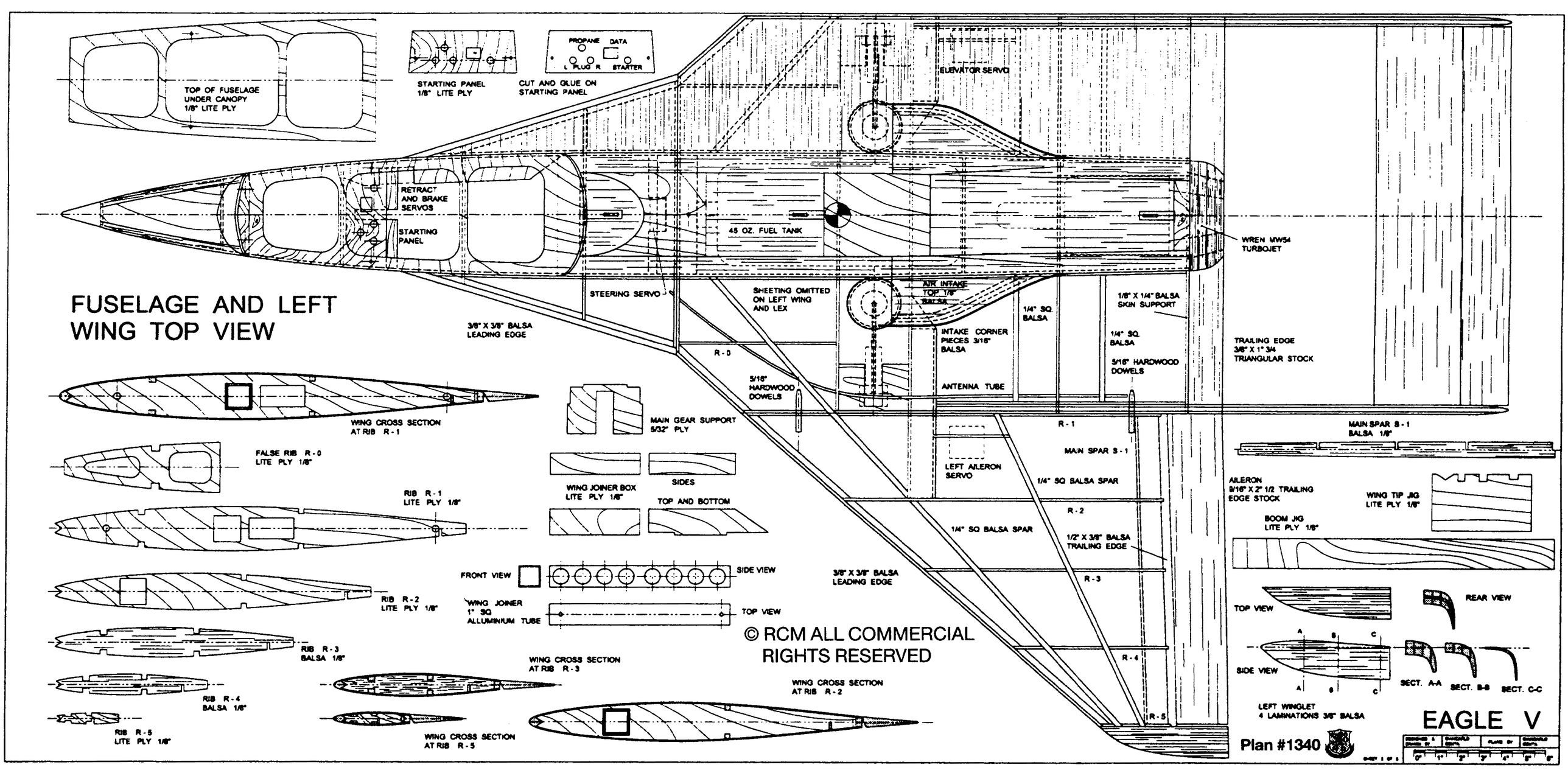
Plan #1340
EAGLE V



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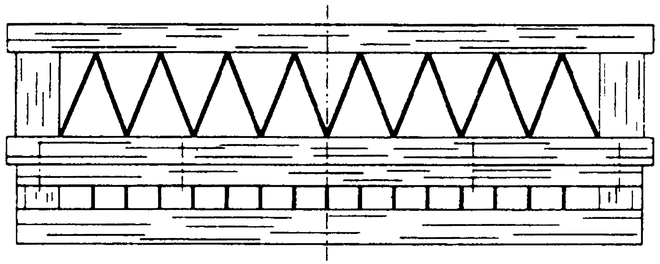
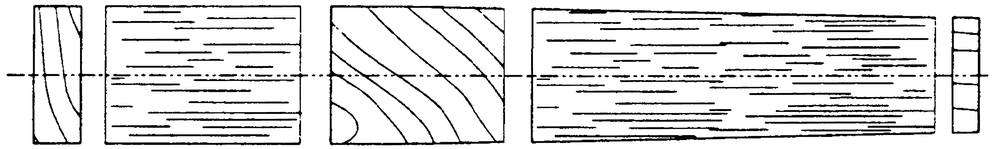


CORE: 3/16" BALSA, RIBS: 1/16" BALSA, SHEETING (NOT SHOWN): 1/16" BALSA.

STAB AND ELEVATOR

FUSELAGE TOP PIECES AND HATCH COVERS

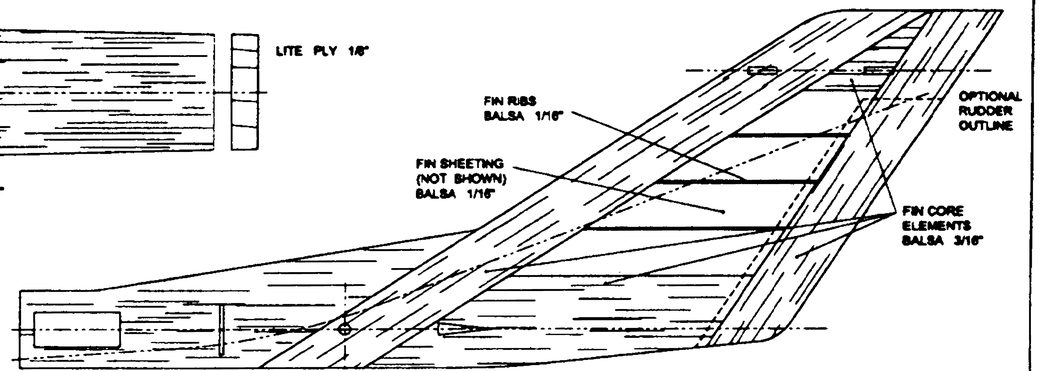


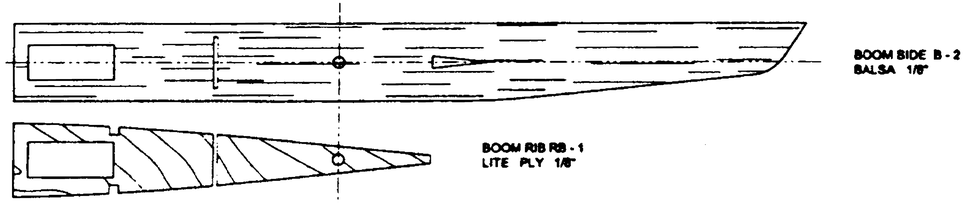
SPECIFICATIONS

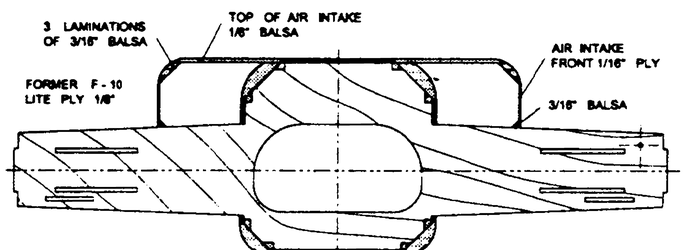
TYPE	SPORT TURBOJET
WING SPAN	50.4"
WING CHORD (ROOT)	37.5"
WING CHORD (TIP)	5.24"
WING AREA	971 SQ. IN.
DIHEDERAL	0
O.A. LENGTH	66.5"
STAB SPAN	17.7"
STAB CHORD	6.3"
STAB AREA	111.6 SQ. IN.
ENGINE	MW54 MK2 TURBOJET
FUEL TANK	45 OZ.
WEIGHT R.T.F.	13 LBS. 4 OZ.
WING LOADING	31.4 OZ./SQ.FT.

CONTROL THROWS

ELEVATOR	+- 3/4"
AILERONS	+- 3/8"







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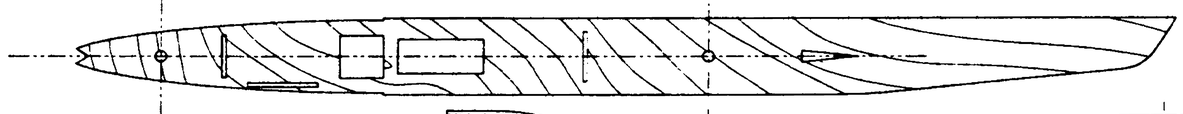

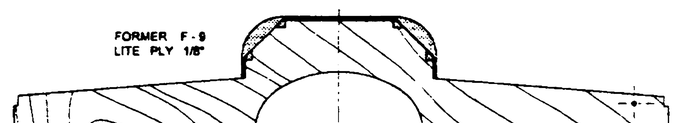

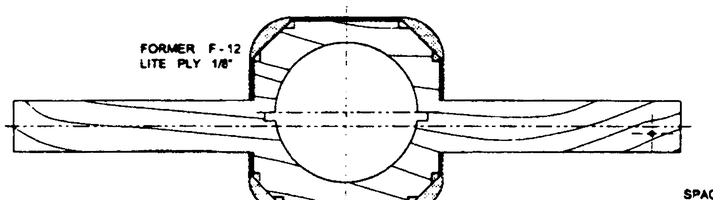

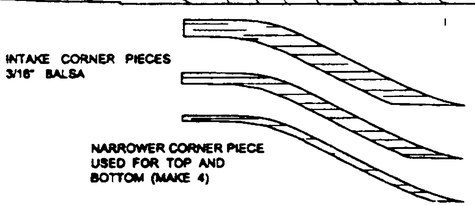

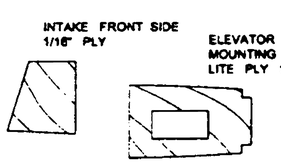

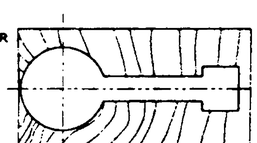

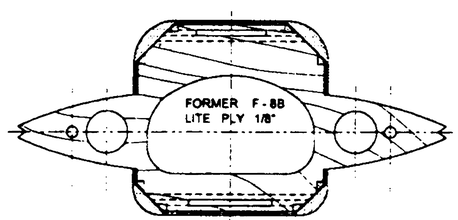

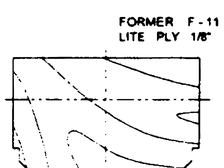

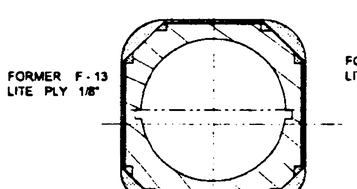

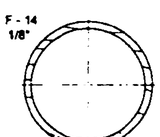

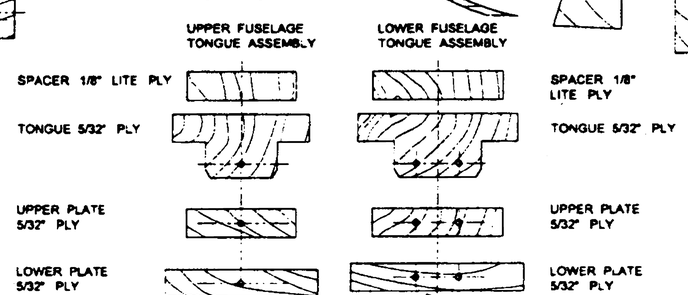

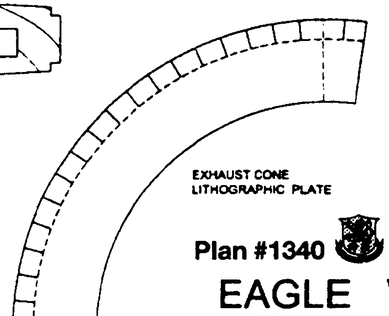

Plan #1340

EAGLE V

DESIGNED & DRAWN BY	RANCHO SANTA	PLANS BY	RANCHO SANTA

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

SHEET 3 OF 3