separation line for access
hollowed block balsa
1/16 balsa
7 off 3/32x3/16 stringers
soft balsa each side of fin
F1A
F1A
F1A
F2A
F3
F4
F5
F6
1/16 balsa c/pit floor
F1
PJS 1500
FS1
M
3/8 triangle balsa
FS2
14 swg torque rods
F2
side stringers 1/16x3/16
fus. frame 3/16 sq. balsa
FS3
D2
D3
N
NA
1/2 balsa
1/4 wing dowel
TS between sides
scrap balsa to help blend into N
BALANCE
bolt plate
D1 outside of fuselage shape to follow covering line
fill u/side to here 1/8 balsa
FS3 3/16 balsa
1/8 ply skid
cylinders may be commercial or homemade
10 swg u/c leg
2 1/2" wheels
p/rod exit
tailplane slot
all tail parts 3/16 balsa
1/16 ply horn
section at dummy engine
N 1/8 liteply
NA 1/8 balsa
M 1/8 ply
14 swg wire joiner
1/16 ply horn here
D3 1/8 balsa
2" spinner
FS1
FS2
1/16x3/16 side stringers shape as showwn
D2 1/8 balsa
D1, D2 & D3 fit outside fuselage
wing bolt bracket
NA
M
F1
F2
3/8 trian. balsa
TS
no scrap spacer for shorter motors
top block
FS1
NA
3/8 trian.
1/2 balsa
section at N
D1 3/16 balsa
FS2 3/16 balsa
FS1 3/8 balsa
F1 1/8 ply
F2 1/8 ply
TS 3/16 balsa
trim to clear elevator joiner
horn

1/8 ply d/h brace

R4 1/16 balsa

R2A 1/16 balsa

R2 1/16 balsa

R3 1/8 ply

R5 1/8 balsa

R3A 1/8 ply

R1A 1/8 liteply

R1 1/8 balsa

R1B 1/8 liteply

WT 3/16 balsa

bolt plate 1/16 ply

fixed t.e.

drill for wing bolts

5/16x1 1/4 t.e.

bolt plate
below wing

1/4x3/8
false t.e.

R1

R2

c/s top & bot.
sheeted 1/16 balsa
to here

1/16x1/4 cap strips
top & bot.

R3

3/16 sq. spars

top sheeting out to tip

1/16 vertical grain
balsa webs

1/8 ply brace

top & bot. sheeted
1/16 balsa
to here

trap u/c wire in R3
using parts R3A

R1A

R2A

R3A

R3A

R1B

1/4x1/2 l.e.

wing dowel fits here

R4

R4

R4

R4

R4

R4

R5

G1

F1A

F2A

F3

F4

F5

F6

F1A, F2A & F3-F6
1/8 balsa

cut out for
aileron servo

WT

d/h angle guide
1/8 balsa

groove t.e. for torque rod

fixed t.e.

14 swg torque rod

aileron

fixed t.e.

G1 1/8 balsa