PRIOR TO COVERING.
DRILL 1/32 HOLES FOR THREAD.
SIMILAR HEAVY THREAD.
USE CARPET THREAD OR
FIGURE 8 THREAD HINGES
HEAVY AND EPOXY

CROSS SECTION AT F2

3/32 WHEEL COLLAR (TYP)

3/32 MUSIC WIRE LANDING GEAR

3/8" WIRE

HAVE BROWN 2" TREADED SPECTRA LITE WHEELS 120-5820 WITH 1/8 O.D. BRASS TUBE BUSHINGS

CROSS SECTION AT FRONT OF F3

R0.1875

R0.0938

R0.1875

R0.1875

FRONT VIEW

CLOSE UP
# GALLOPING GHOST R/C MODEL

<table>
<thead>
<tr>
<th>SPAN</th>
<th>36 IN.</th>
</tr>
</thead>
<tbody>
<tr>
<td>AREA</td>
<td>252 SQ. IN.</td>
</tr>
<tr>
<td>WEIGHT</td>
<td>17.7 OZS. WITH 3S 1350 MAH LI-PO BATTERY</td>
</tr>
<tr>
<td>WING LOADING</td>
<td>10.1 OZ./SQ. FT.</td>
</tr>
</tbody>
</table>

DESIGNED AND DRAWN BY AL CLARK
DECEMBER 2017
1/16 BALSA JOINER

DU-BRO 1/2A CONTROL HORNS

Ø0.0625 (TYP) PERFECT 3/4" WHEEL

SOLDERED WASHERS

1/16 MUSIC WIRE

NOTE 3 DEGREES RIGHT TURN WHEN BENDING TAILWHEEL WIRE.

BALS (2 PLCS)

F2A 32 PLYWOOD

F3A 1/8 PLYWOOD

FWD

BACK

FRONT OF NOSE
1/16 VERTICAL GRAIN BALSA DOUBLER RIGHT SIDE

NOTES:

1. USE MEDIUM TO MEDIUM HARD BALSA FOR THE FUSELAGE SIDES. USE HARD BALSA IN THE LONGERONS AND WING LEADER. ALL OTHER BALSA IS MEDIUM HARD.

2. TOBE GALLOPING GHOST ACRO GREEN PIC AVAILABLE FROM JAYMEN:
jaymen@pacbell.net
RECEIVER IS LEMON DSM2 6 CHANNEL.

3. CONTROL THROWS:
ELEVATOR +/- 5/32"
RUDDER +/- 3/8"
GLUE OUTER WING PANELS TO INNER SECTION. WRAP JOINTS WITH 1 X 1 FIBERGLASS TAPE AND APPLY GLUE TO TAPE.

WING REAR VIEW

BATTERY SHELF
1/8 LITE PLYWOOD
(TOP VIEW)
3/32 CROSS GRAIN BALSA TOP SHEETING

1/8 HARD BALSA LONGERONS (TYP)

2 BALSA FUSELAGE SIDES

BULKULAR BALSA (2 PLCS)

NOTE: LEFT SIDE NOT SHOWN IN FUSELAGE SIDE VIEW

BALSA SHEETING

PUSHRODS ARE 1/8 O.D. X 1/16 I.D. CARBON TUBES WITH 2-56 STUDS AND RODS WITH DU-BRO KWIK LINKS OR NYLON CLEVISSES.

1/16 BALSA JOINER BETWEEN UPPER 1/8 SQ. LONGERON

RUDDER PUSHROD LOCATION

RUDDER PUSHROD EXIT IN TOP SHEETING

1/16 PLANE TAILWHEEL BIND WITH HEAVY CA GLUE
1/16 VERTICAL GRAIN
BALSA DOUBLER
LEFT SIDE
Panel Bottom Sheeting

Sheeting Not Shown on Left Panel

W1
3/16 Balsa
1 Req'd

W2
3/32 Balsa
6 Req'd

W2 Cross Section

3/32 Plywood

4-40 Nylon Screw

1/32 Plywood

FWD

Ø0.1250
(4 Plcs)

Actuator Mount
1/8 Lite Plywood
APC 6x4E PROP

COBRA 2208/26
1550 KV MOTOR

3S 1350 MAH LIPO
ATTACH WITH VELCRO

#2 SCREW
(4 PLCS)

COBRA DL22A ESC
ATTACH WITH VELCRO

1/8 LITE PLYWOOD
BATTERY SHELF

ARROWS
DENOTE
OUTLINE OF
1/16 VERTICAL
GRAIN BALSA
DOUBLER

1/8 Balsa nose doublers

BATTERY SHELF NOT
SHOWN IN TOP VIEW

4-40 SCREWS &
BLIND NUTS

1/16 VERTICAL
GRAIN BALSA
DOUBLERS

1/4 SQ. X 1
BASSWOOD (4 PLCS)

4 DEGREES
RIGHT THRUST
RIGHT THRUST

BASSWOOD (4 PLCS)

Ø0.1563 (TYP)
Ø0.3125
Ø0.2500

Ø0.3750 (2 PLCS)

F1
1/8 PLYWOOD

Ø0.1250

F2
1/8 PLYWOOD