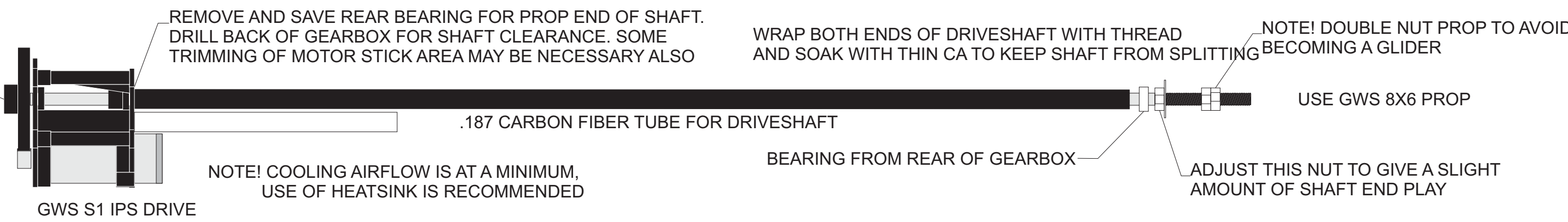
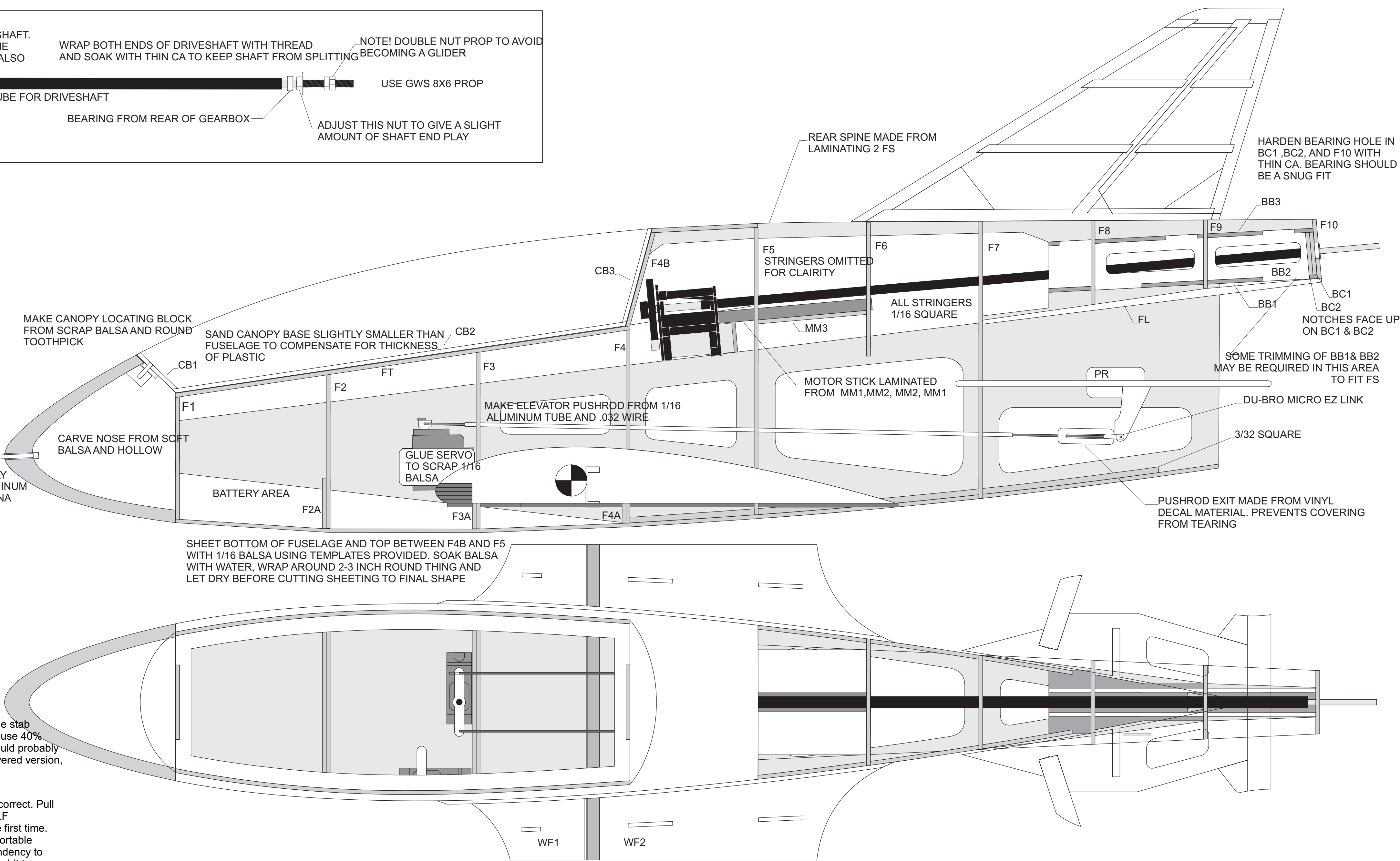
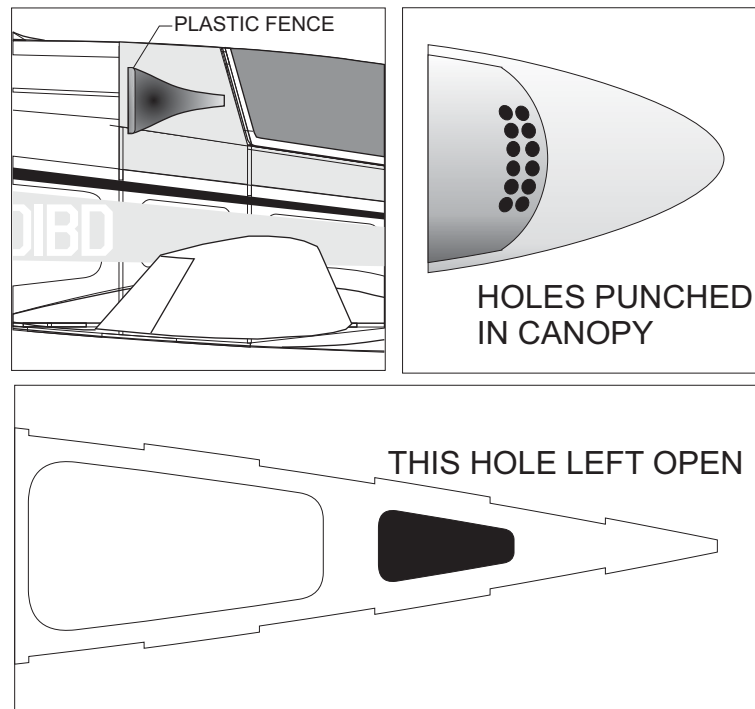


DRIVE DETAILS

CUT THREADED PORTION OF SHAFT OF FLUSH WITH GEAR. GLUE CUTOFF PART INTO REAR OF DRIVESHAFT.



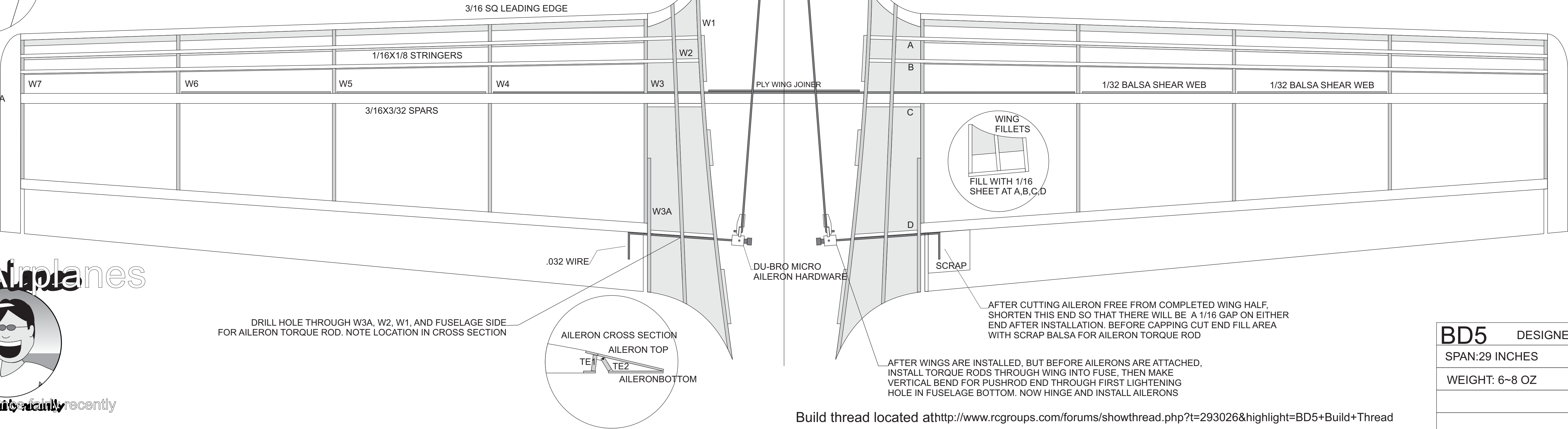
COOLING DETAILS



Setup: Set the neutral position of the stab at 1.35" as measured from the bottom of the stab to the bottom of the fuselage. The travel should be no more than 1/4" up and down. I use 40% exponential also. The ailerons have about .30" travel up and down with no expo. It could probably stand to have a little more. With this travel the roll rate is kinda slow on the GWS powered version, it's fine on the brushless.

Flying: Make sure the travels and the elevator neutral position are set and the CG is correct. Pull the elevator trim all the way up and give it a RUNNING toss at NO MORE THAN HALF THROTTLE. Actually less is better. You may want to have someone else launch it the first time. It will get on step quickly and you can put in some nose down trim again. Pick a comfortable throttle setting and trim it for that, then just cruise around for a bit. The nose has a tendency to balloon a bit coming out of the turns, you will find that you're using the elevator quite a bit to push it down. I find that once I set the trims I don't mess with it anymore regardless of throttle setting. I just hold a little forward or back stick to compensate. Be very careful when you throttle up because the nose WILL pitch down, be ready for it, especially at very low altitudes and missed approaches. Nothing special about landing, I usually chop the power and glide it in. If you have to throttle up to go around, give it a LITTLE throttle and feed it in slowly.

CARVE WINGTIPS FROM SOFT Balsa



BD5	DESIGNED AND DRAWN BY DAVE BLUM
SPAN:29 INCHES	
WEIGHT: 6~8 OZ	

ELEVATOR PARTS

RUDDER PARTS

3/32 Balsa

F8

F9

F1

F3

F10

F4B

REMOVE THIS SECTION AFTER ASSEMBLY

F4

F5

F6

F2

1/16 Balsa

1/16 Balsa

MM3

F2A

F7

F4A

F3A

NOTCHES ON BC GO TO TOP

BC1

BC2

BB1

CB2

CB1

CB3

BB3

FT

REMOVE THIS SECTION AFTER FUSELAGE IS ASSEMBLED AND SHEETED

WF1

WF2

WL

W2

FL

FS

BB2

MM2

1/16 Balsa

FUSELAGE SIDE

UPPER FORWARD FUSELAGE SHEETING

MAKE 2 SHEETS OF THESE PARTS.

FUSELAGE BOTTOM

1/16 Balsa

W3

W4

W5

W3A

W6

W1

W7

W7

W3A

W6

TE2

TE1

AILERON BOTTOM

AILERON TOP

1/32 Balsa

AILERON TOP

AILERON BOTTOM

REMOVE THIS SECTION AFTER WING ASSEMBLY

1/32 PLY

MM1

MM1

UPPER REAR FUSELAGE

1/16 Balsa



1 FOOT