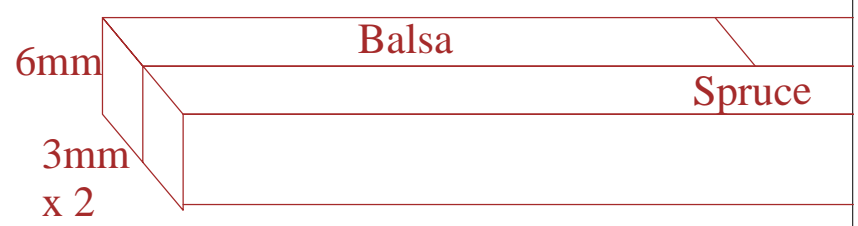
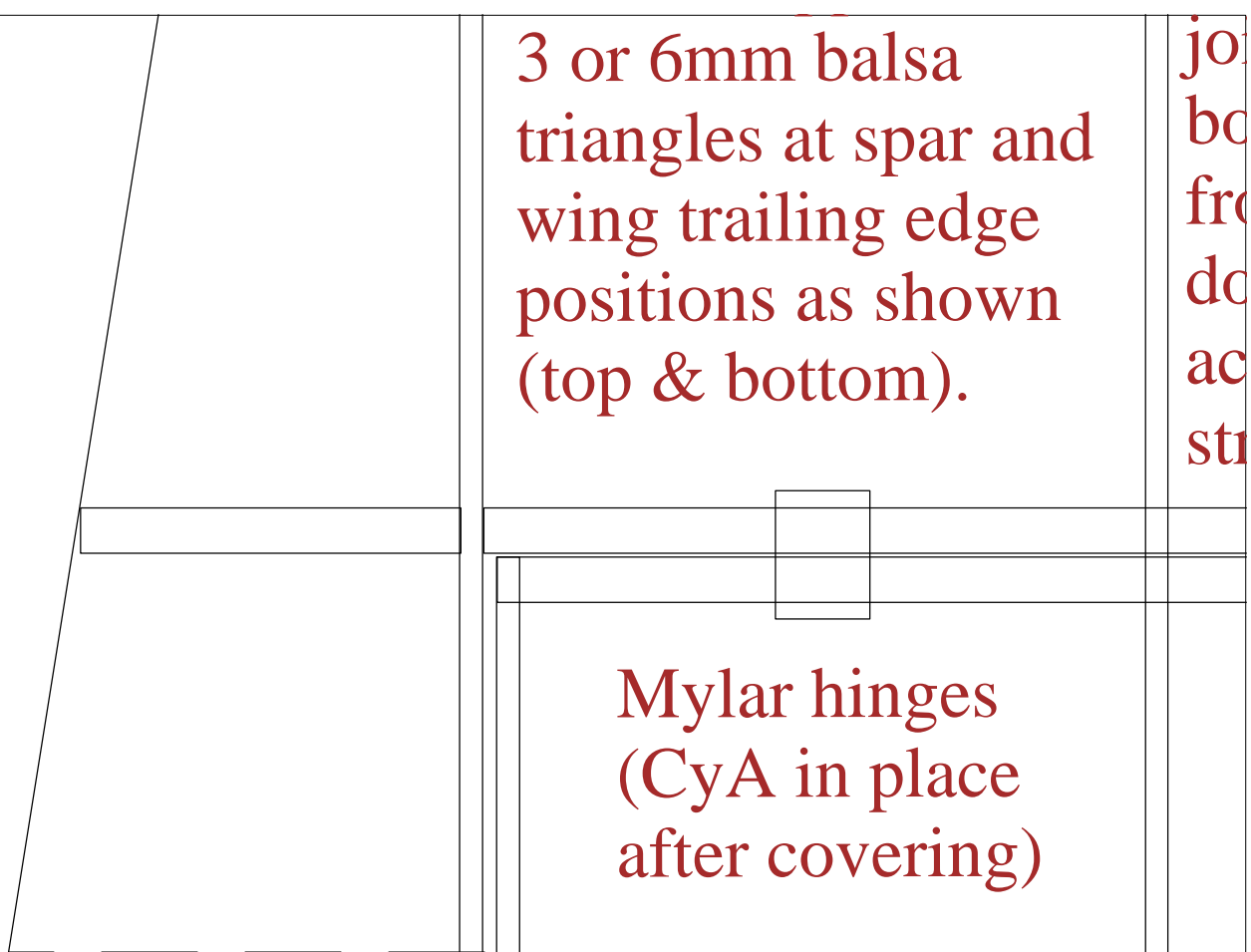


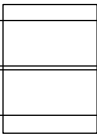
"Accuracy Measure" (line should be +/- 200 mm)



'Bubble done with in MS-V

in. Do same with  
bottom spar but start  
from other side. This  
doubles spruce content  
across centre for max  
length, least weight.

Trailing edge of wing  
capped top and bottom  
with 0.8x12mm soft balsa  
to help secure to ribs  
(not considered essential)



Balsa

Balsa

Example of 1  
full length of

s' name on wing  
with 'Snap ITC' font  
Word 2000.

Control Movements:  
Ailerons - 15mm each

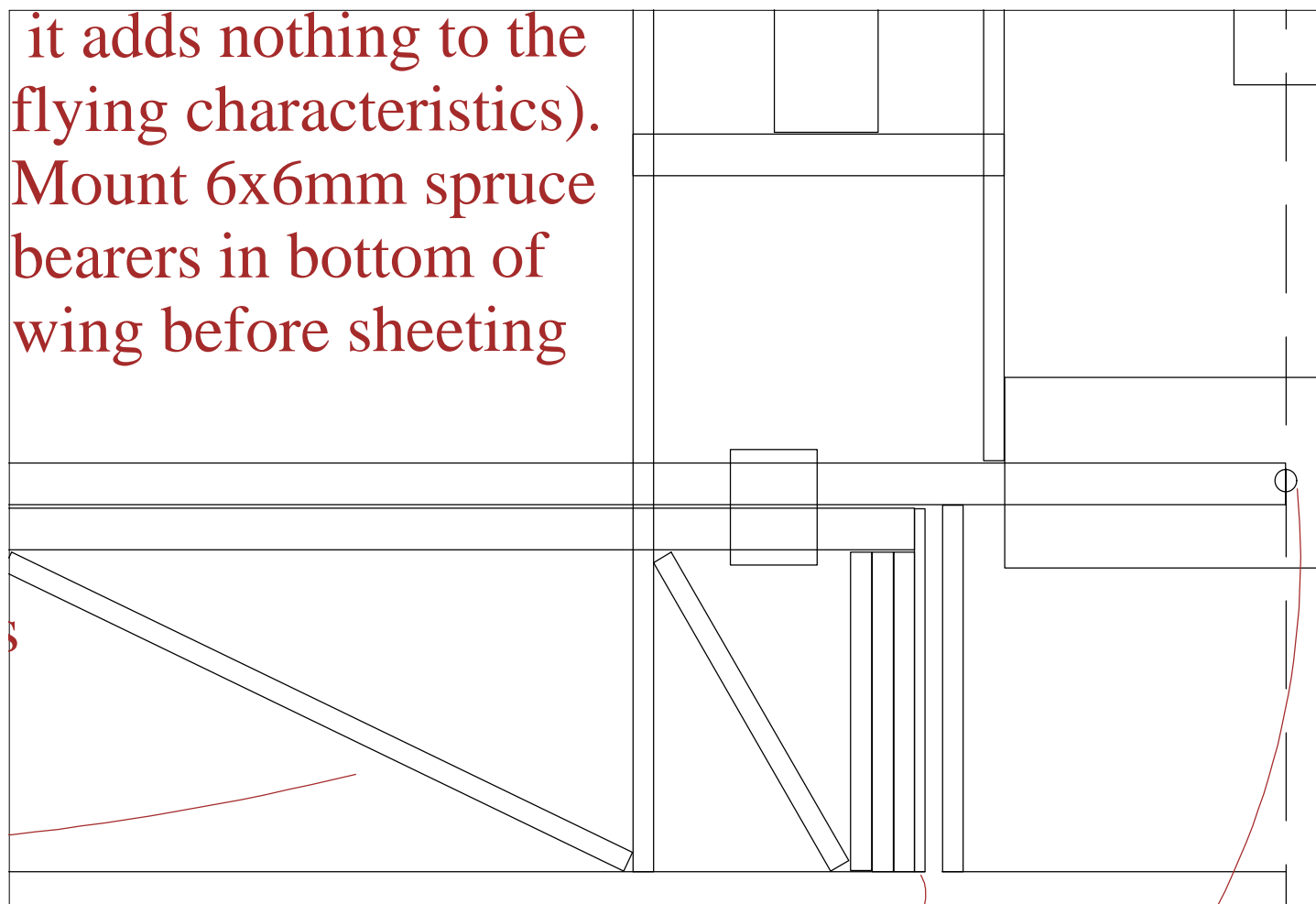
<p>cap strips to take pressure from (solarfilm). All ribs same size except centre ones where wing is sheeted.</p>	<p>0.6mm = 1/32" 1.5mm = 1/16" 2.5mm = 3/32" 3mm = 1/8" 6mm = 1/4" 9mm = 3/8"</p>
<p>Ailerons are sheeted top and bottom with 0.8mm soft balsa</p>	<p>3mm light balsa doublers and diagonals to spread load and stiffen root</p>

assembled spar  
wing (not to scale).

way

Bubbles  
Copyright:  
David Theunisse  
January 2001  
(Version: h)

it adds nothing to the flying characteristics). Mount 6x6mm spruce bearers in bottom of wing before sheeting



Servo horn

Central hole for self-tapping screw to retain wing to fuselage

en

1.5mm ply on top of wing to spread load of fuselage  
Fill inside wing with soft balsa under this

# Balsa/spruce lamination

of mounting screw.  
plate to further spread load.

Wing dimensions not critical  
but prototype is 630mm from  
this line to centre of wing

Webbing: 1.5mm  
vertical grain balsa  
full length of wing.

Wing tips: 3mm soft  
balsa. Support with

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om

Leading edge: 9x9mm soft balsa set i  
ribs at approx 45'. Sand front edge ro

bars: One 3x6mm  
6" or 1000mm long)  
ruce top and bottom,  
ith 3x6mm medium  
alsa to double up  
tart top spruce from  
ft tip and pass through  
ing centre without

Trailing edge of wing  
and leading edge of  
aileron is 6mm medium  
balsa. Angle to leave  
gap at bottom for  
aileron movement, or  
mount square and bevel  
aileron leading edge.

F  
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into  
und.

Prototype covered in clear Solarfilm

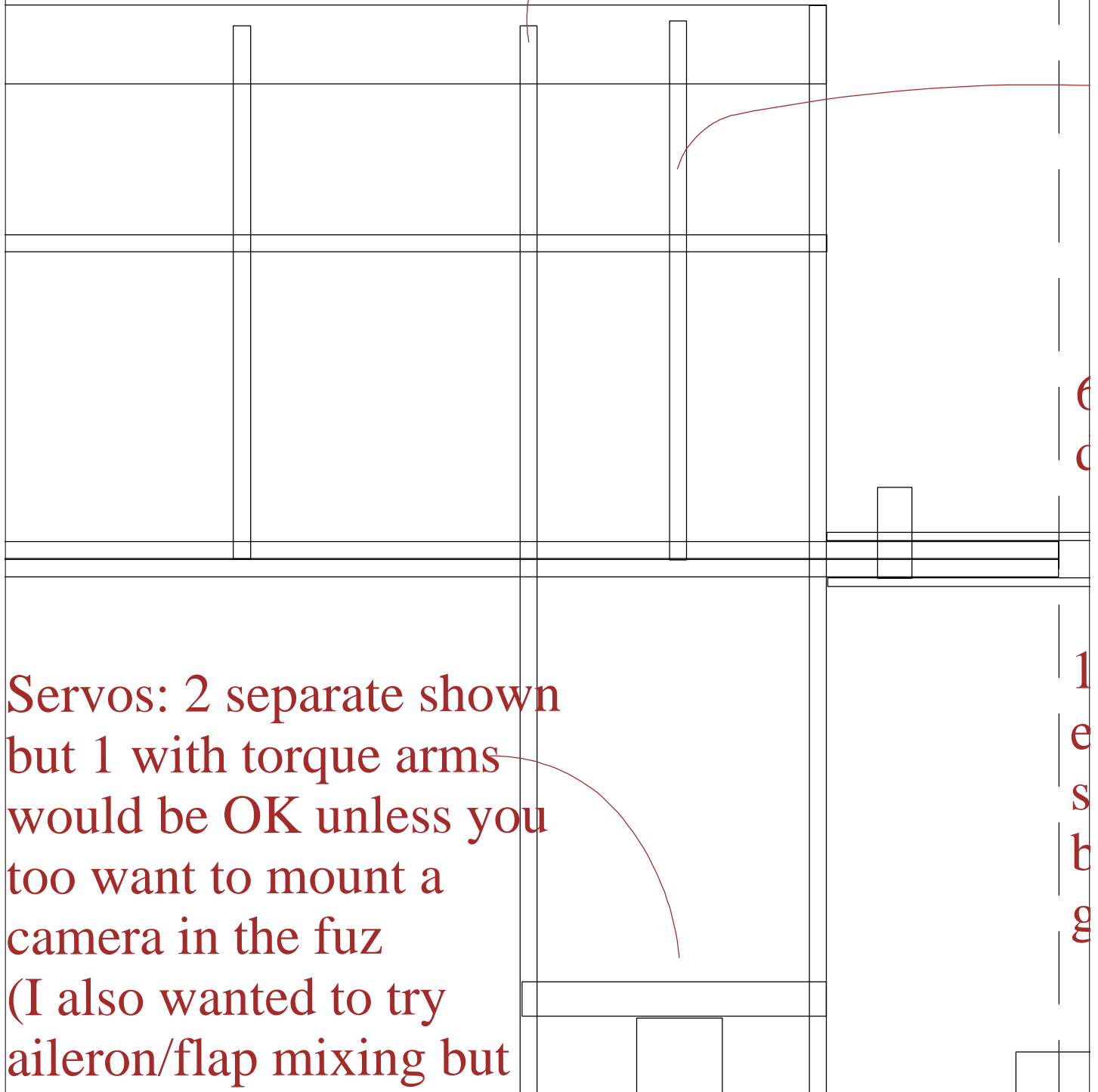
Ribs: 2.5mm balsa  
s easiest and  
easonably light  
can use 3mm Depron  
out then need  
ompression spars  
r can strips to

Turbulators: 3mm  
hard balsa to give wing  
a little more torsional  
rigidity and to smooth  
airflow (req'd top and  
bottom).

Approx sizes:  
0.8mm – 1/32"



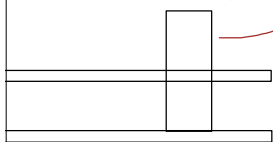
Sheet wing centre only with 0.8mm soft bal  
(mainly to aid carrying and to hide leads)



balsa from this rib

Extra half rib to strengthen wing for carrying by hand

6mm hardwood dowels (2)



1.5mm ply doublers epoxy'd to both sides of spars (top to bottom of wing). Fill gap with balsa.

Hole for servo leads if req'd

