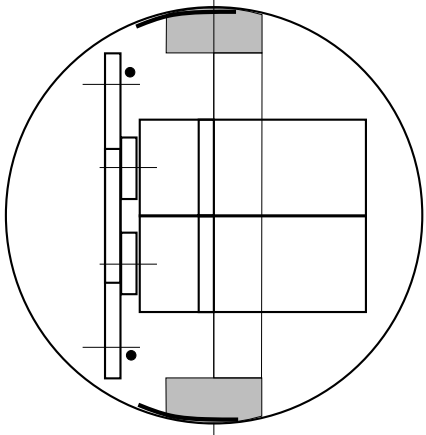
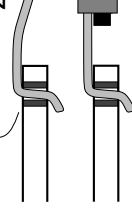


Six wraps of
around bulkhead
to transfer t
to wing bolts

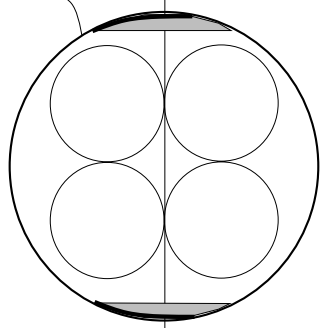
1/4" x 1/2"
basswood
side rails

Sna

1/16" brass tube
soldered to pushrod



4 layers
1.7 oz Kevlar



Bubble-Dancer RES Fuselage

M.Dreia 20 Feb 02

11mm radius
servo horns

AA NiCd
600mAh
3.2 oz

uni CF strips

Hitec 555
0.8 oz

JR341
0.63oz

1/4" x 1/2"
basswood
servo rails

rudder pushrod
0.029" stainless

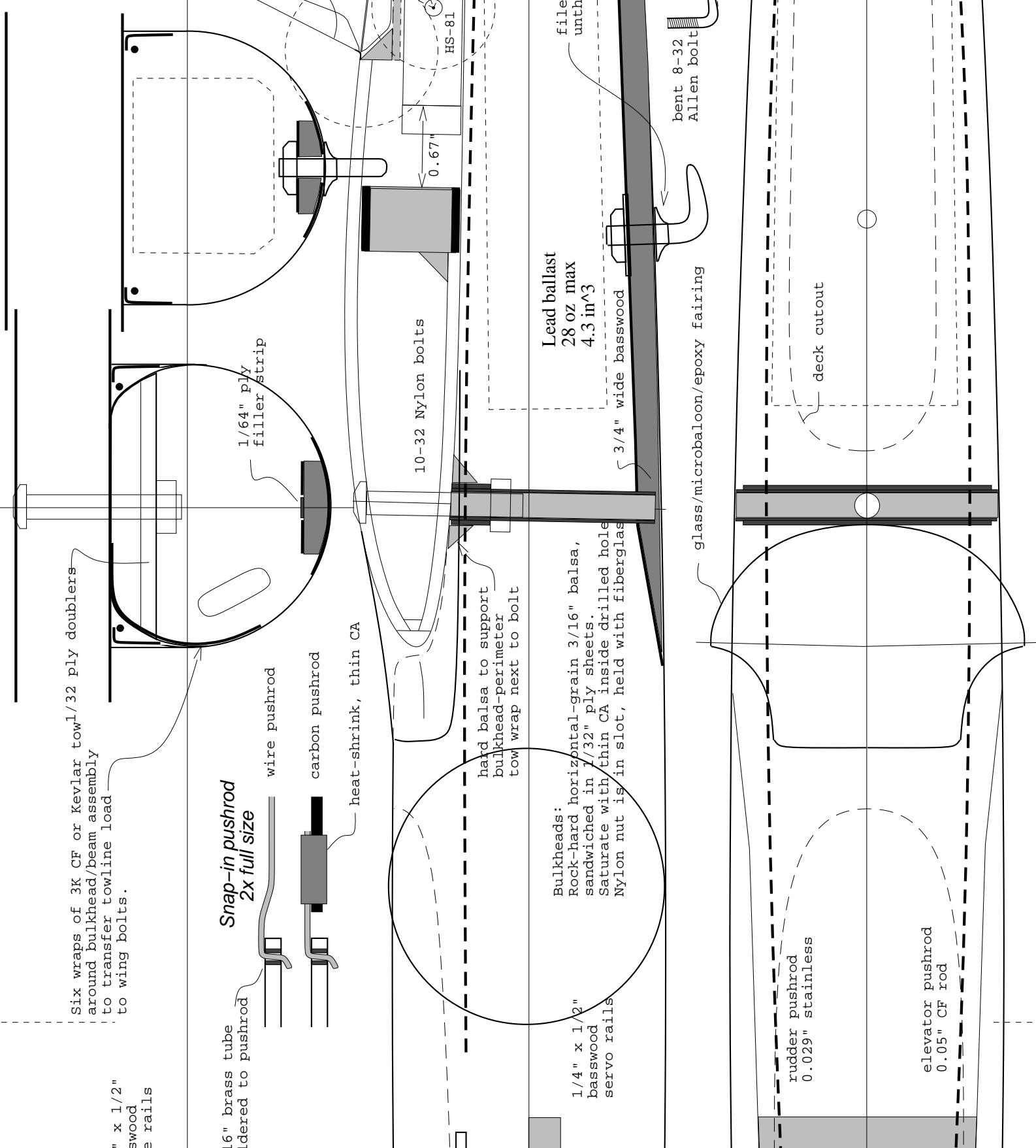
elevator pushrod
0.05" CF rod

15 deg elevator servo horn bias
gives more up-elevator throw
to allow for spoiler-to-elevator mix

Two layers 23.5" x 0.5" 3
laid up with Kevlar shell

Six wraps of 3K CF or Kevlar tow
around bulkhead/beam assembly
to transfer towline load
to wing bolts.

1/4" x 1/2"
basswood
servo rails



Snap-in pushrod
2x full size

1/6" brass tube
ordered to pushrod

wire pushrod

carbon pushrod

heat-shrink, thin CA

10-32 Nylon bolts

hard balsa to support
bulkhead-perimeter
tow wrap next to bolt

Bulkheads:
Rock-hard horizontal-grain 3/16" balsa,
sandwiched in 1/32" ply sheets.
Saturate with thin CA inside drilled hole
Nylon nut is in slot, held with fiber glass

1/4" x 1/2"
basswood
servo rails

Lead ballast
28 oz max
4.3 in³

filed nut jammed against
unthreaded shank

bent 8-32
Allen bolt

glass/microballoon/epoxy fairing

rudder pushrod
0.029" stainless

elevator pushrod
0.05" CF rod

deck cutout

3/4" wide basswood

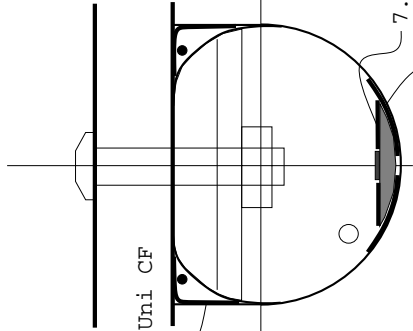
HS-81

0.67"

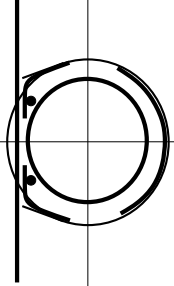
1/64" ply
filler strip

tw
wr

Two layers 23.5" x 0.5" 3oz Uni CF
laid up with Kevlar shell

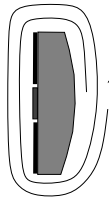


7.5" x 0.3" x 0.021" prepreg CF

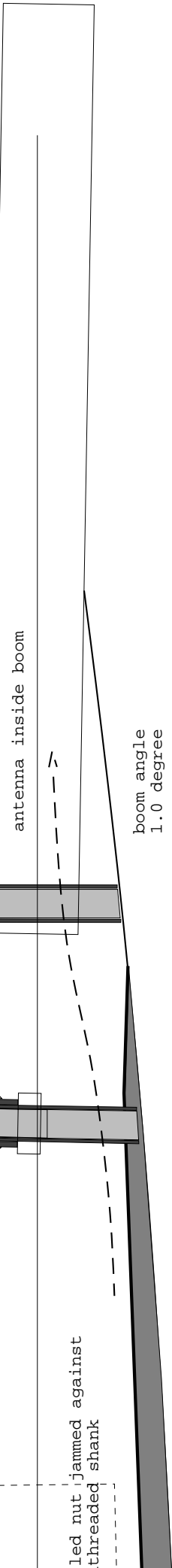


Two layers 12.0" x 0.5" 3oz Uni CF
laid up with Kevlar shell

two layers 2oz bias glass
wrapped around hook beam



wing angle
1.0 degree



antenna inside boom

boom angle
1.0 degree

led nut jammed against
threaded shank

