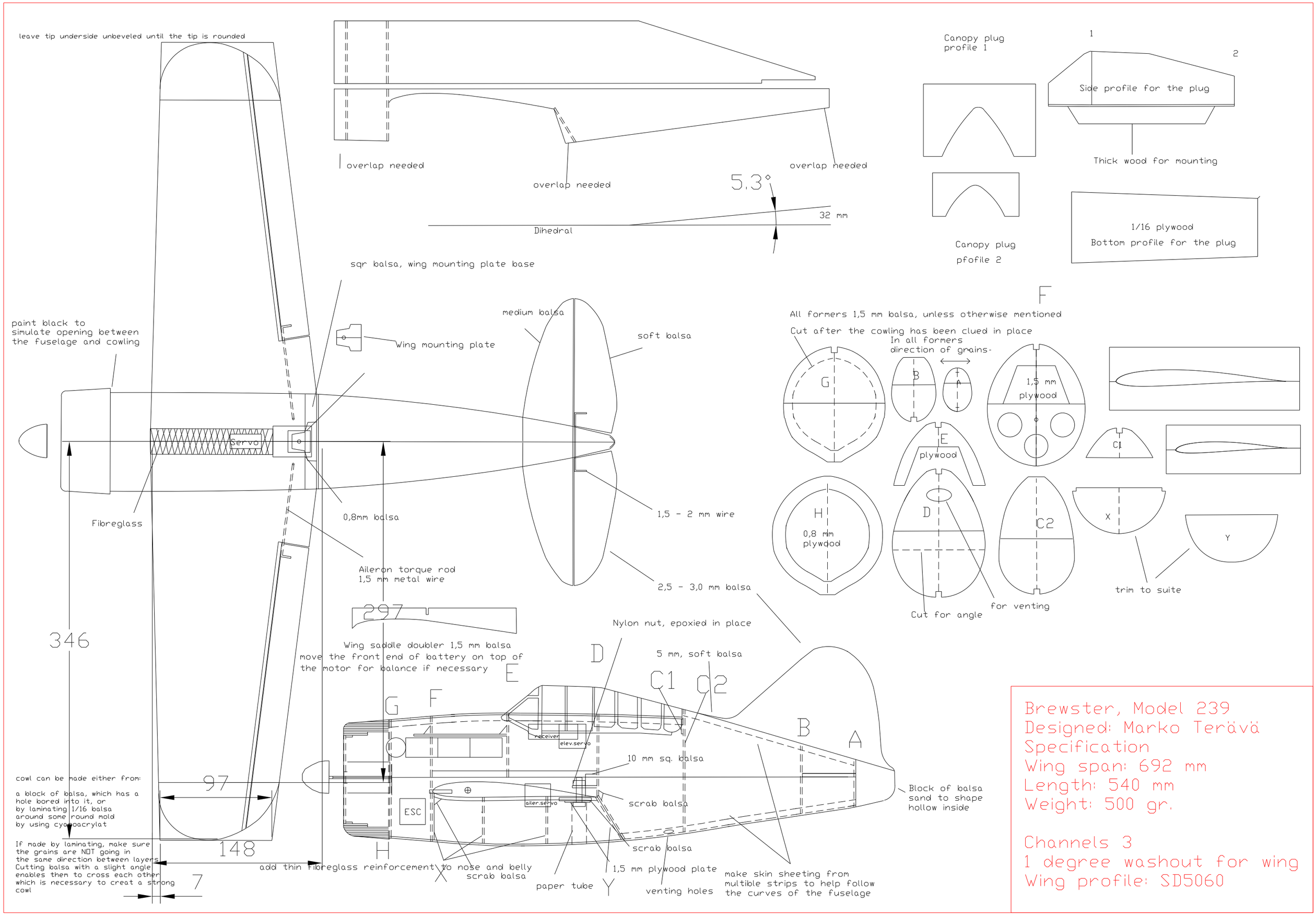
leave tip underside unbeveled until the tip is rounded
overlap needed
overlap needed
overlap needed
5.3°
32 mm
Dihedral
Canopy plug
profile 1
1
2
Side profile for the plug
Thick wood for mounting
Canopy plug
pfofile 2
1/16 plywood
Bottom profile for the plug
sqr balsa, wing mounting plate base
medium balsa
soft balsa
paint black to
simulate opening between
the fuselage and cowling
Wing mounting plate
Servo
Fibreglass
0,8mm balsa
1,5 - 2 mm wire
Aileron torque rod
1,5 mm metal wire
2,5 - 3,0 mm balsa
297
346
Wing saddle doubler 1,5 mm balsa
move the front end of battery on top of
the motor for balance if necessary
Nylon nut, epoxied in place
5 mm, soft balsa
receiver
elev.servo
10 mm sq. balsa
ESC
ailer.servo
scrab balsa
scrab balsa
Block of balsa
sand to shape
hollow inside
97
148
7
add thin fibreglass reinforcement to nose and belly
scrab balsa
paper tube
1,5 mm plywood plate
venting holes
make skin sheeting from
multible strips to help follow
the curves of the fuselage
cowl can be made either from:
a block of balsa, which has a
hole bored into it, or
by laminating 1/16 balsa
around some round mold
by using cyanoacrylat
If made by laminating, make sure
the grains are NOT going in
the same direction between layers.
Cutting balsa with a slight angle
enables them to cross each other
which is necessary to creat a strong
cowl
All formers 1,5 mm balsa, unless otherwise mentioned
Cut after the cowling has been clued in place
In all formers
direction of grains
G
B
A
1,5 mm
plywood
C1
E
plywood
H
0,8 mm
plywood
D
C2
X
Y
Cut for angle
for venting
trim to suite
Brewster, Model 239
Designed: Marko Terävä
Specification
Wing span: 692 mm
Length: 540 mm
Weight: 500 gr.
Channels 3
1 degree washout for wing
Wing profile: SD5060