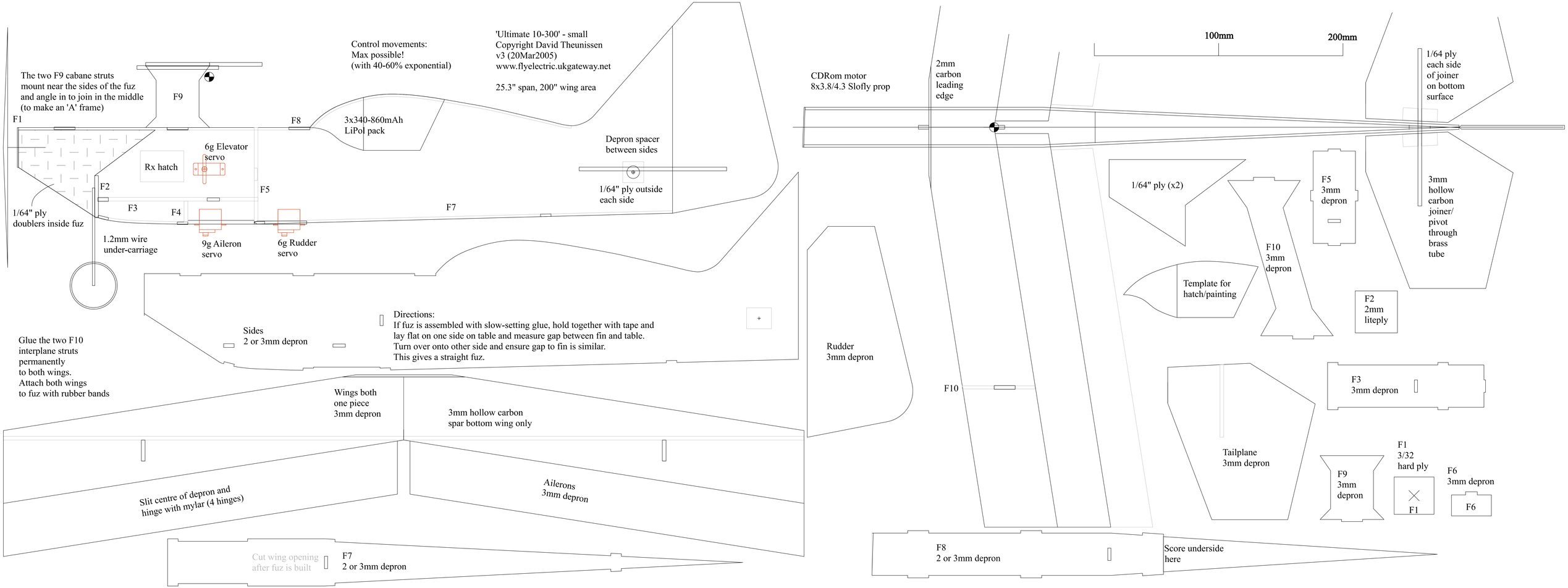
'Ultimate 10-300' - small
Copyright David Theunissen
v3 (20Mar2005)
www.flyelectric.ukgateway.net
25.3" span, 200" wing area
Control movements:
Max possible!
(with 40-60% exponential)
The two F9 cabane struts
mount near the sides of the fuz
and angle in to join in the middle
(to make an 'A' frame)
F1
F9
F8
3x340-860mAh
LiPol pack
Rx hatch
6g Elevator
servo
F2
F5
F3
F4
F7
1/64" ply
doublers inside fuz
1.2mm wire
under-carriage
9g Aileron
servo
6g Rudder
servo
Depron spacer
between sides
1/64" ply outside
each side
Directions:
If fuz is assembled with slow-setting glue, hold together with tape and
lay flat on one side on table and measure gap between fin and table.
Turn over onto other side and ensure gap to fin is similar.
This gives a straight fuz.
Sides
2 or 3mm depron
Glue the two F10
interplane struts
permanently
to both wings.
Attach both wings
to fuz with rubber bands
Wings both
one piece
3mm depron
3mm hollow carbon
spar bottom wing only
Slit centre of depron and
hinge with mylar (4 hinges)
Ailerons
3mm depron
Cut wing opening
after fuz is built
F7
2 or 3mm depron
CDRom motor
8x3.8/4.3 Slofly prop
2mm
carbon
leading
edge
100mm
200mm
1/64 ply
each side
of joiner
on bottom
surface
1/64" ply (x2)
F5
3mm
depron
3mm
hollow
carbon
joiner/
pivot
through
brass
tube
F10
3mm
depron
Template for
hatch/painting
F2
2mm
liteply
Rudder
3mm depron
F10
F3
3mm depron
Tailplane
3mm depron
F9
3mm
depron
F1
3/32
hard ply
F1
F6
3mm depron
F6
F8
2 or 3mm depron
Score underside
here