

12

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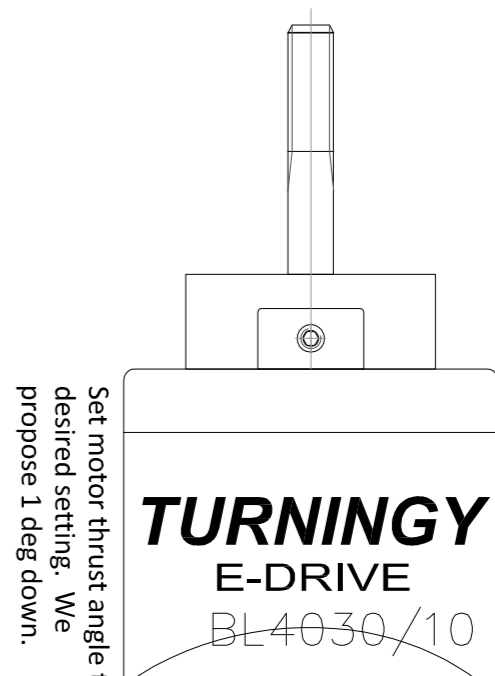
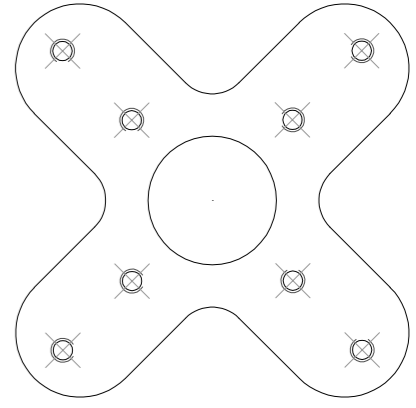
4

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2

1

Sheet top of motor pod with 1mm ply or 2mm balsa (not shown)



Sheet bottom of motor pod with 1mm ply or 2mm balsa. Not shown. Sheeting does not extend beyond wing leading edge.

Room for motor controller

Room for battery

M4 blind nut

Support brackets

M4 blind nut

Support brackets

F4

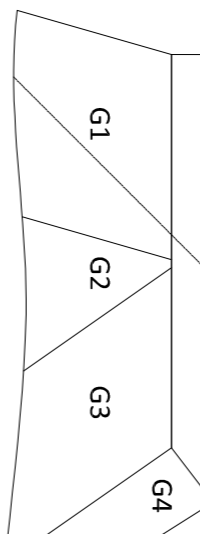
F5

F3

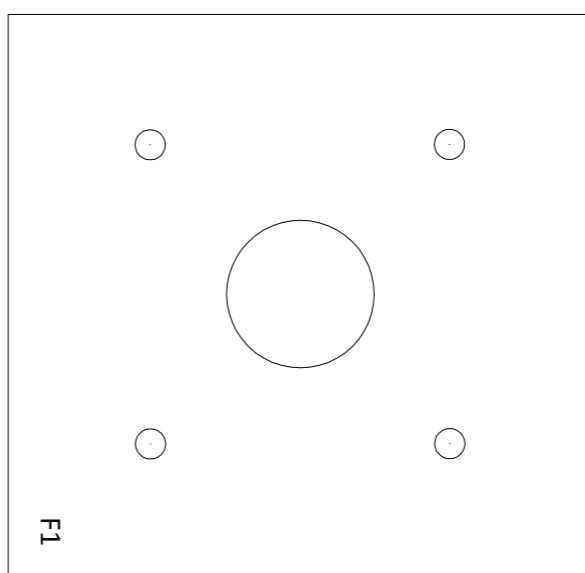
F1

F2

F3



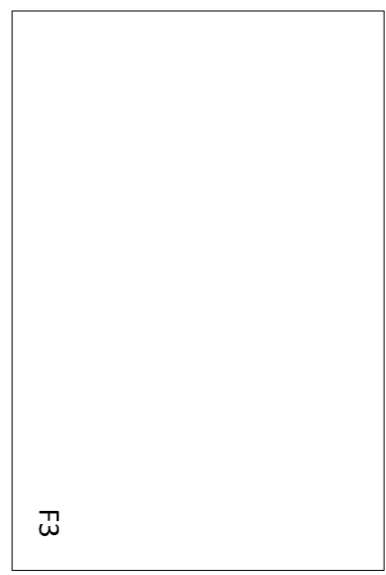
H1



Cut 2 pcs

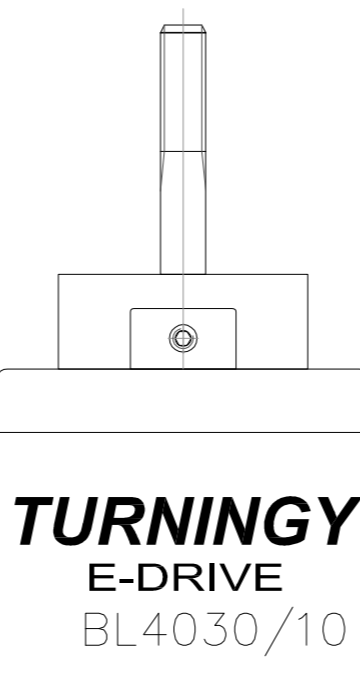


F2



F3

Cut internal structure parts to suit your motor & battery. Drawings are just an guide.



Motor drawn here is only indicative. Select motor to suit your plane & weight.

F1

F4

F2

F5

F3

IMPORTANT : add support brackets inside wing.

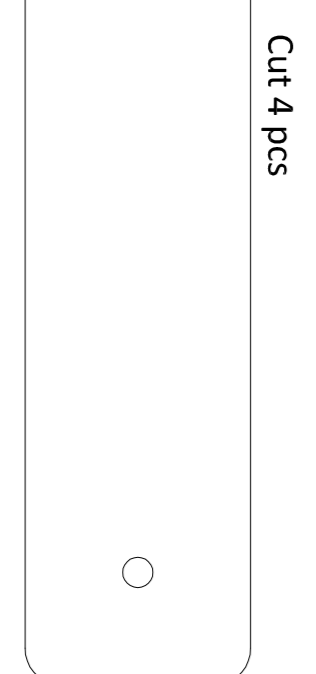
IMPORTANT : add support brackets inside wing.

IMPORTANT : add support brackets inside wing.

IMPORTANT : add support brackets inside wing.

This design applies to following Iwaru Oy plans:  
- 125 PIK-7 Harakka I (33%)  
- 142 PIK-7 Harakka II (33%)  
- 145 PIK-7 Harakka II (33%)  
  
The overall design idea of this plan is that motor pod would be gc-neutral, ie. it should be possible to use it with no changes to nose weight.  
  
All materials (with exception of top & bottom sheeting) 3mm iteply.  
Check & verify motor & prop clearances before commencing building.

Cut 2 pcs



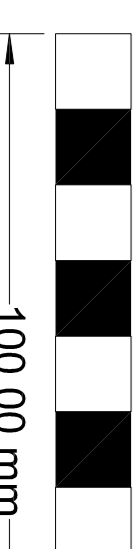
Cut 4 pcs

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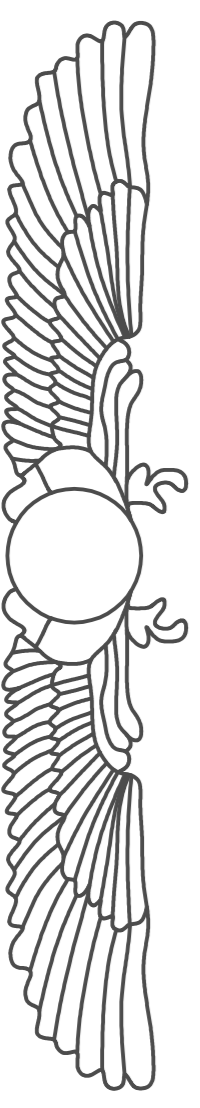
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For updates see www.iwaru.fi



Scale



Iwaru Oy

Tuomas Otala, Iwaru Oy

PIK-7 Harakka I/II/III (33%), motor pod

TITLE	PROJECT	REV
PIK-7 Harakka I/II/III (33%), motor pod	157-01	02
SCALE	SCALE	SHEET
1:1	14.9.2013	157-01-1

12

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