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AP Rascal Racer

Version 1.1 (2016-05)

SPECS

WINGSPAN: 700 mm | 27.56 in
CG: 26 mm | 1.02 in
LENGTH: 480 mm | 18.90 in (BASIC SETUP)
495 mm | 19.49 in (SPEED SETUP)
WEIGHT: 202 g | 7.13 oz (BASIC SETUP)
270 g | 9.52 oz (SPEED SETUP)
ALL UP WEIGHT: 269 g | 9.49 oz (BASIC SETUP 3S 950 mAh)
364 g | 12.84 oz (SPEED SETUP 4S 850 mAh)
EXPO: 30 %
CHANNELS: 3 (THR | AIL | ELV)



**VARIOUS STICKERS
AVAILABLE FOR DOWNLOAD**

ELECTRONICS - BASIC SETUP (WORKS WITH FT POWER PACKS A OR F)

MOTOR: 2300kv (DYS BE1806 or Emax MT2204)
PROPELLER: 5x5 (Turnigy or APC)
ESC: 12A (HobbyKing 12A BlueSeries Brushless Speed Controller)
SERVOS: 3 x 5g (HXT500 or TGY-1440A)
BATTERY: 950mAh 3S (Turnigy nano-tech 950mAh 3S 25-50C Lipo Pack)

ELECTRONICS - SPEED SETUP

MOTOR: 2825-1950kv Hobbyking Funfighter Replacement Brushless Outrunner
PROPELLER: 5.5x4.5 Hobbyking Funfighter Replacement Propeller
ESC: 20A 4S (HobbyKing 20A BlueSeries Brushless Speed Controller)
SERVOS: 3 x 9g (HXT900 or TGY-1800A)
BATTERY: 850mAh 4S (Turnigy nano-tech 850mAh 4S 25-50C Lipo Pack)

LINE TYPE / COLOR:

- CUT 
- - - SCORE CUT 
- · - · - CREASE 
-  45° SINGLE BEVEL 
-  DOUBLE BEVEL 
-  CAVITY 
-  CAVITY OTHER SIDE 

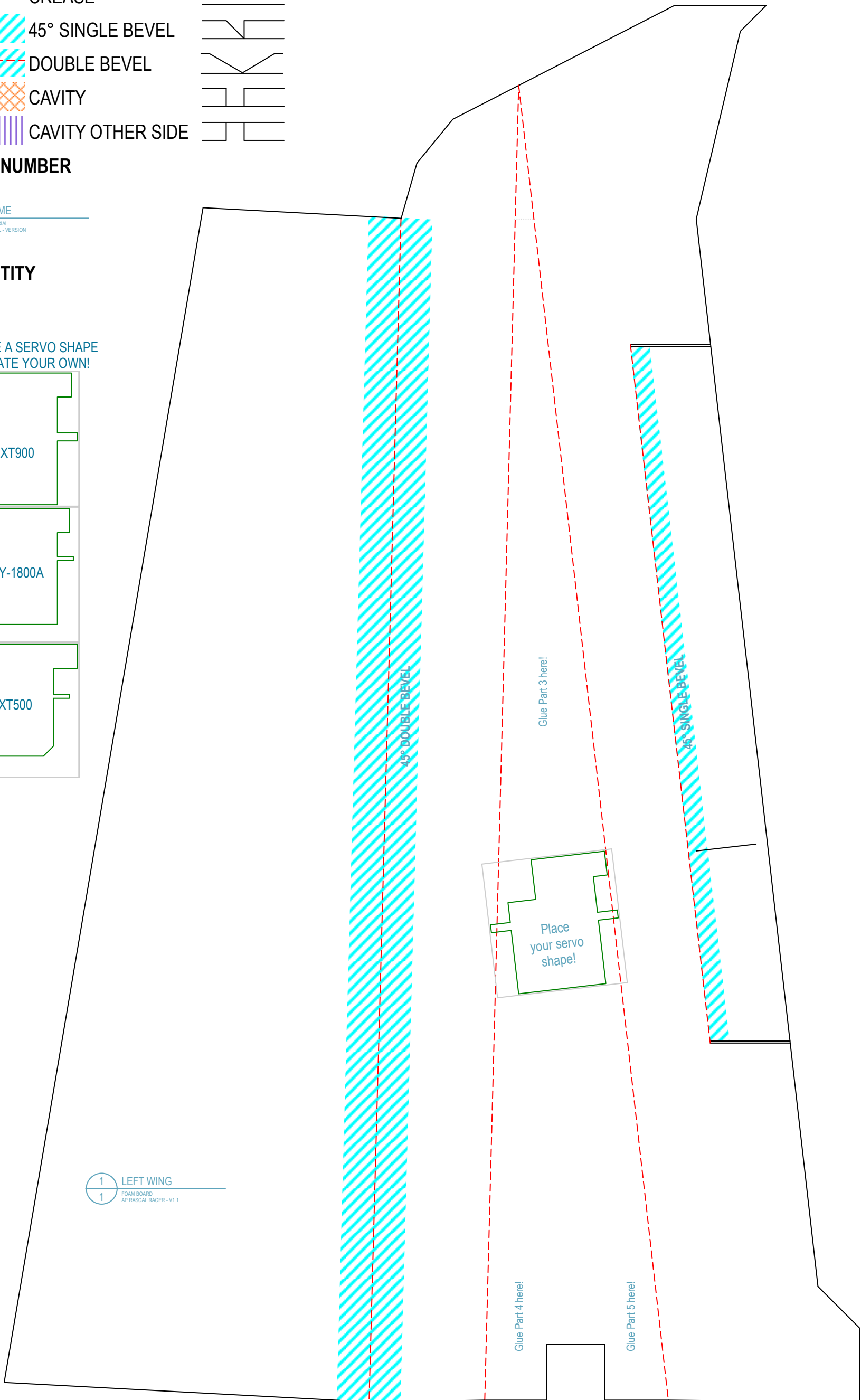
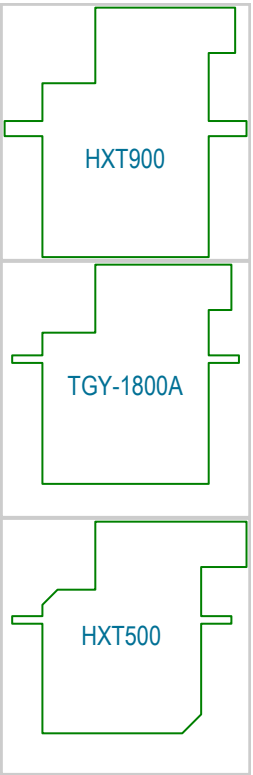


PART NUMBER

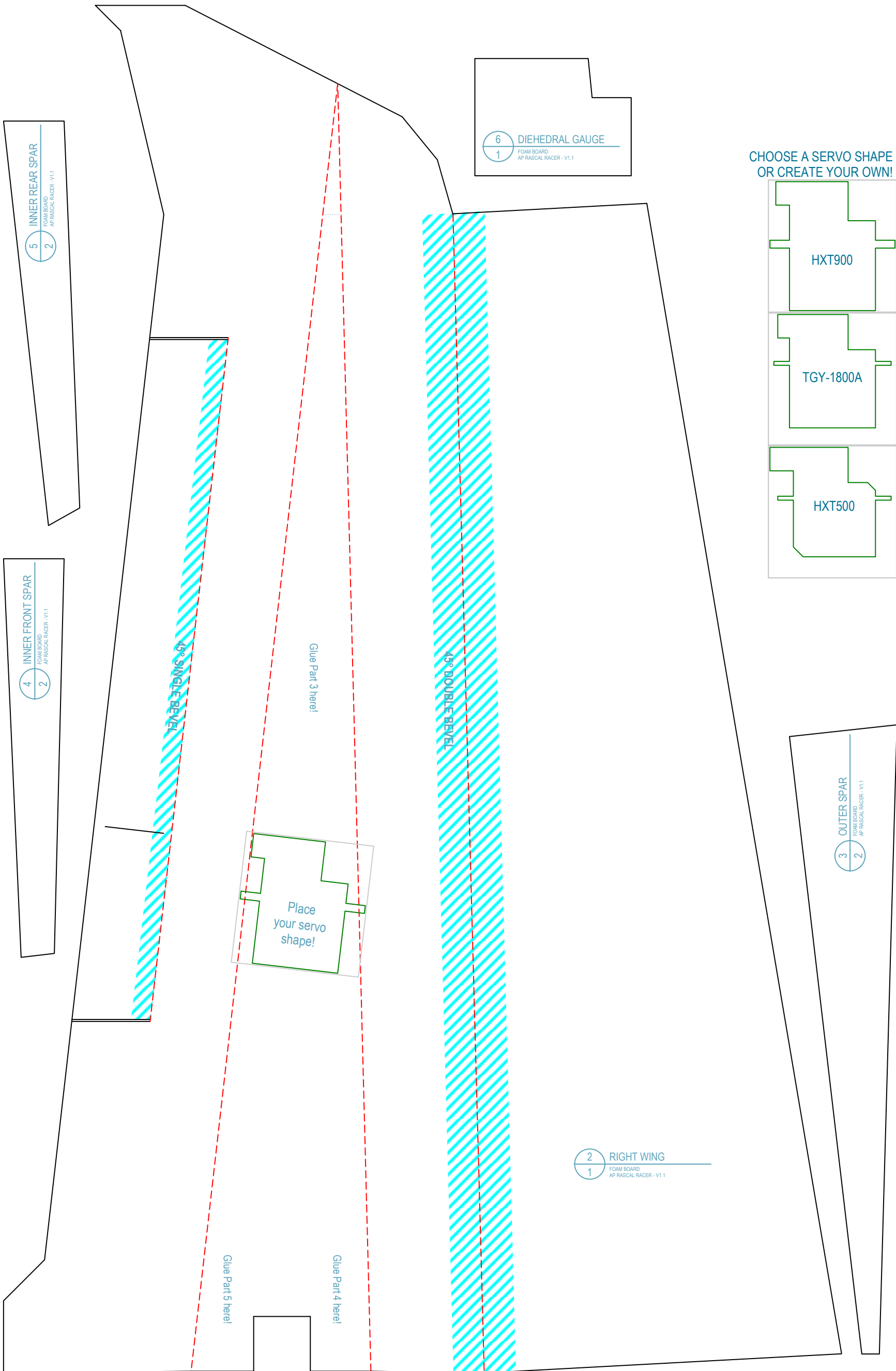


QUANTITY

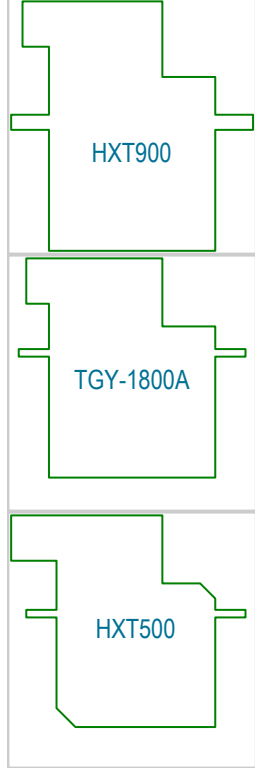
CHOOSE A SERVO SHAPE OR CREATE YOUR OWN!

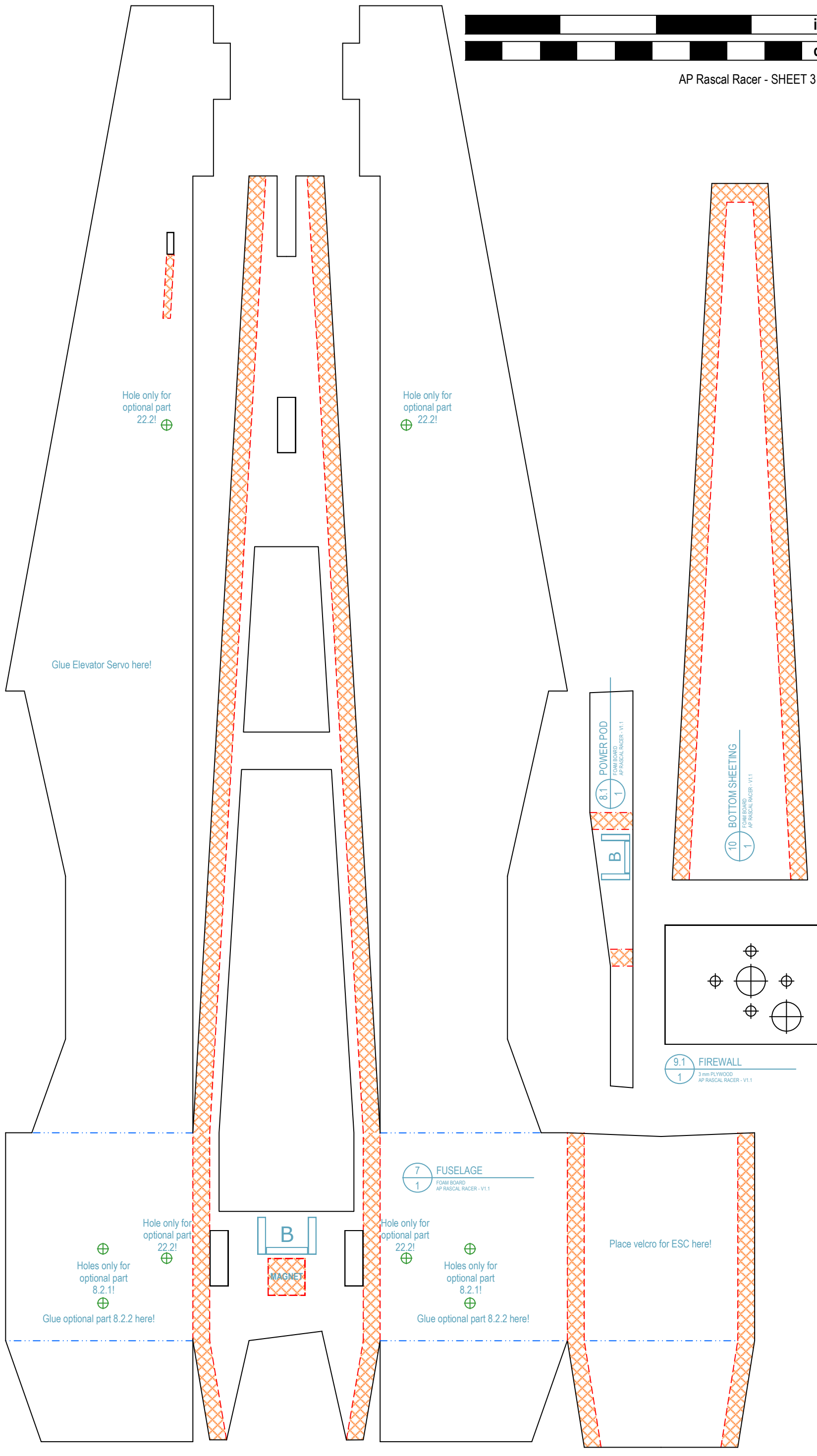


1 LEFT WING
1 FOAM BOARD
AP RASCAL RACER - V1.1



CHOOSE A SERVO SHAPE OR CREATE YOUR OWN!





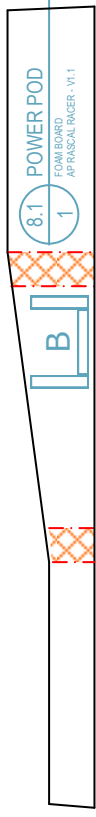
Hole only for optional part 22.2!

Hole only for optional part 22.2!

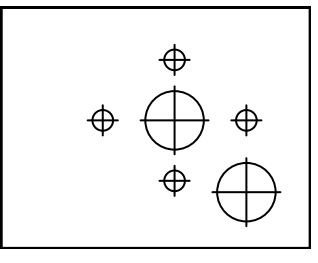
Glue Elevator Servo here!

Holes only for optional part 8.2.1!
Glue optional part 8.2.2 here!

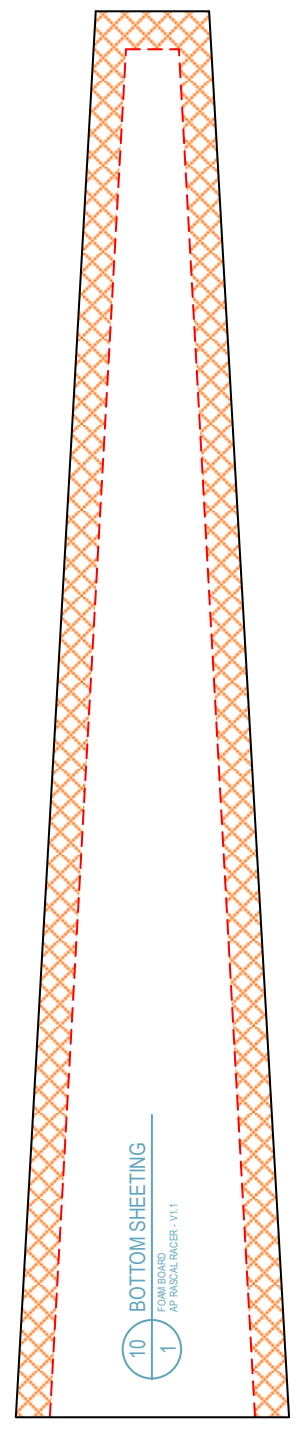
Hole only for optional part 22.2!
Holes only for optional part 8.2.1!
Glue optional part 8.2.2 here!



8.1 POWER POD
FOAM BOARD
AP RASCAL RACER - V1.1



9.1 FIREWALL
3 mm PLYWOOD
AP RASCAL RACER - V1.1



10 BOTTOM SHEETING
FOAM BOARD
AP RASCAL RACER - V1.1

7 FUSELAGE
FOAM BOARD
AP RASCAL RACER - V1.1

Place velcro for ESC here!



OPTIONAL PARTS

22.2 PIN
3
FOAMBOARD
AP RASCAL RACER - V1.1

8.2.1 SHORT MINI POWER POD
1
FOAM BOARD
AP RASCAL RACER - V1.1

9.2 MINI FIREWALL
1
3 mm PLYWOOD
AP RASCAL RACER - V1.1

8.2.2 SPACER
2
FOAM BOARD
AP RASCAL RACER - V1.1

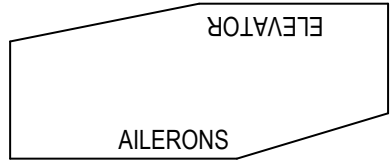
13 WING FORMER
1
FOAM BOARD
AP RASCAL RACER - V1.1

SIDE VIEW

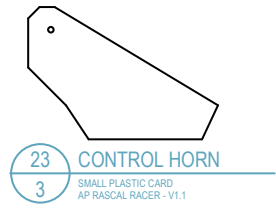


11 HORIZONTAL STABILIZER
1
FOAMBOARD
AP RASCAL RACER - V1.1

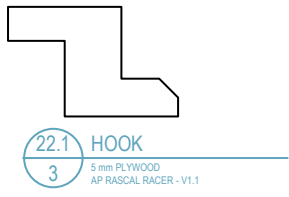
12 VERTICAL STABILIZER
1
FOAM BOARD
AP RASCAL RACER - V1.1



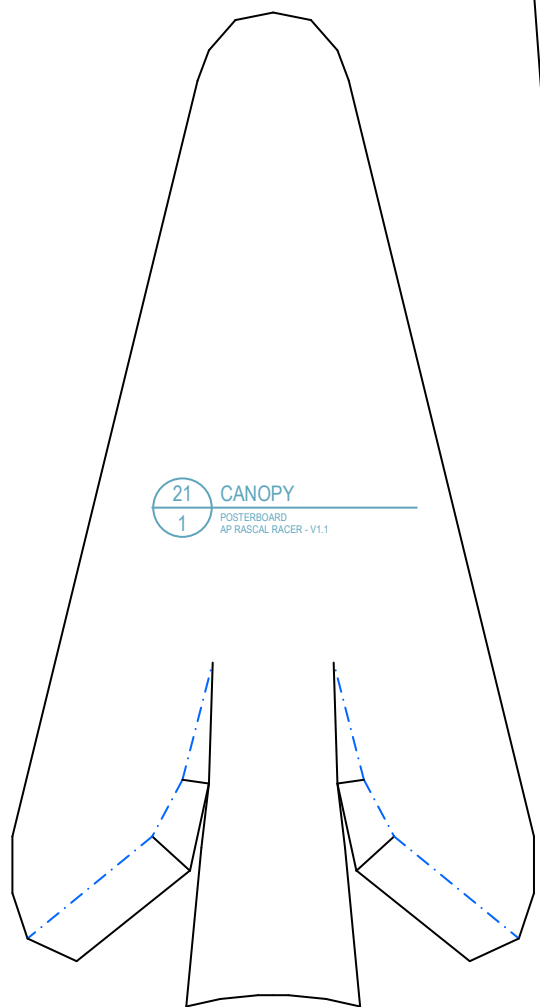
24 THROW GAUGE
1 FOAM BOARD
AP RASCAL RACER - V1.1



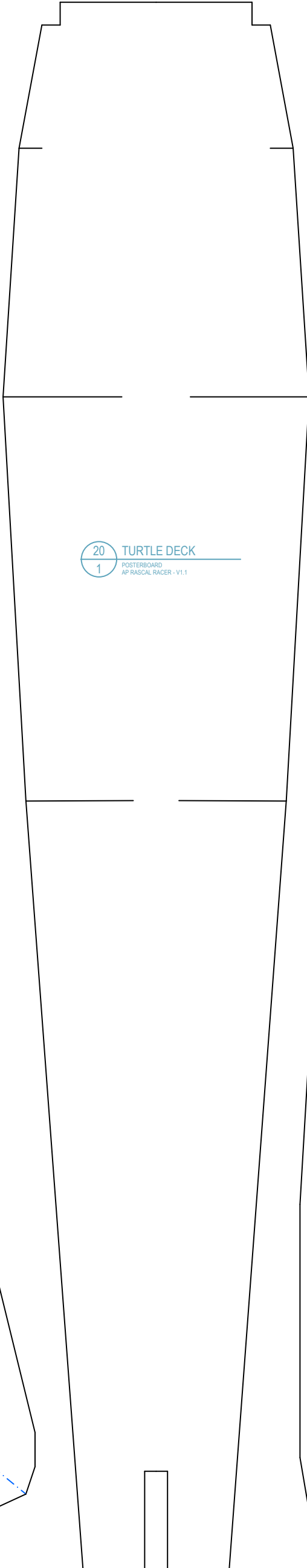
23 CONTROL HORN
3 SMALL PLASTIC CARD
AP RASCAL RACER - V1.1



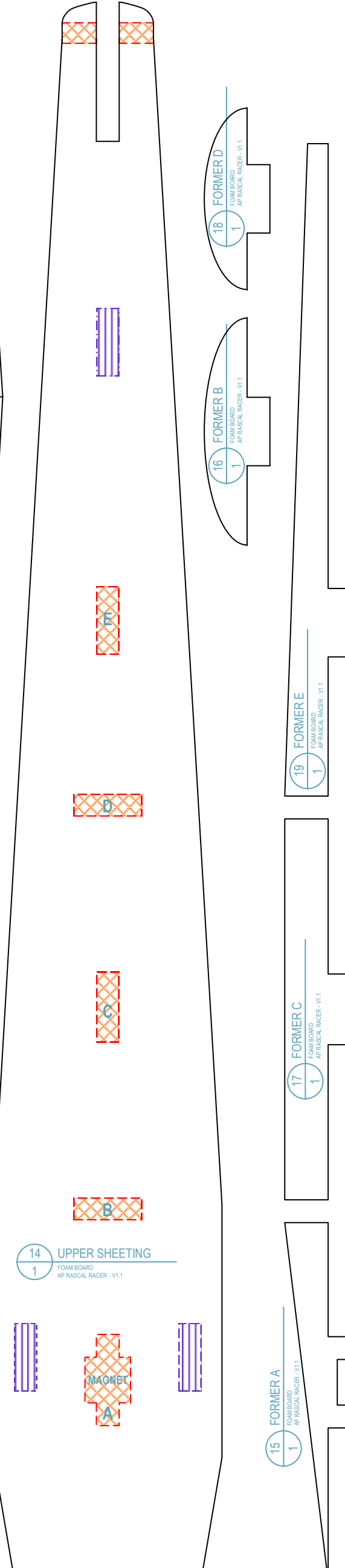
22.1 HOOK
3 5 mm PLYWOOD
AP RASCAL RACER - V1.1



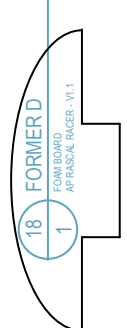
21 CANOPY
1 POSTERBOARD
AP RASCAL RACER - V1.1



20 TURTLE DECK
1 POSTERBOARD
AP RASCAL RACER - V1.1



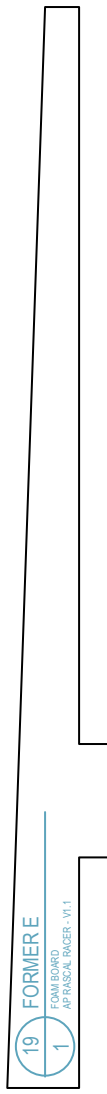
14 UPPER SHEETING
1 FOAM BOARD
AP RASCAL RACER - V1.1



18 FORMER D
1 FOAM BOARD
AP RASCAL RACER - V1.1



16 FORMER B
1 FOAM BOARD
AP RASCAL RACER - V1.1



19 FORMER E
1 FOAM BOARD
AP RASCAL RACER - V1.1



17 FORMER C
1 FOAM BOARD
AP RASCAL RACER - V1.1



15 FORMER A
1 FOAM BOARD
AP RASCAL RACER - V1.1