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# AP Mini Argus

Version 0.1 (2019-12-20)

Design & Drawing by: Tony Roehling



## GENERAL SPECIFICATIONS

WINGSPAN: 650 mm | 25.59 in  
CG: 36 mm | 1.42 in (not verified)  
DRY WEIGHT: 219 g | 7.72 oz  
ALL UP WEIGHT: 265 g | 9.35 oz (with 950 mAh 2s)

Use Flite Test Water-Resistant Foam Board by Adams and your AUW will be **far below the 250 g (8.82 oz) limit!**

EXPO: 30 %  
CHANNELS: 4 (THR | AIL | ELV | RUD)

## RECOMMENDED SETUP

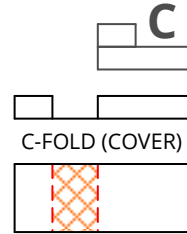
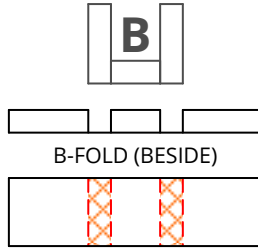
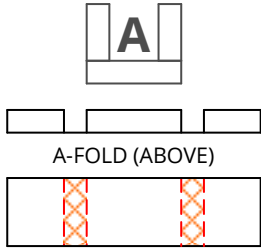
MOTOR: 2300 kv (1806)  
PROPELLER: 6 x 4  
ESC: 12 A  
SERVOS: 4 x 5 g  
BATTERY: 950 mAh 2s (Turnigy nano-tech)



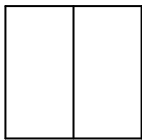
# DRAWING KEY

... based on the Flite Test Drawing Key created by Dan Sponholz

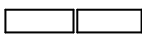
## FOLD TYPES



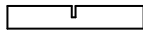
## LINE TYPE/COLOR



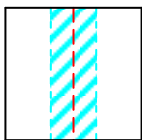
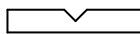
CUT



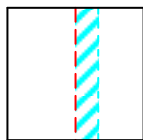
50% SCORE



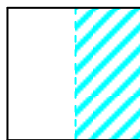
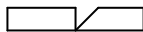
CREASE



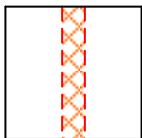
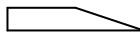
45° DOUBLE BEVEL



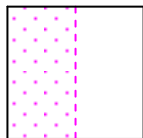
45° SINGLE BEVEL



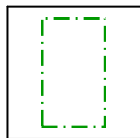
EDGE BEVEL



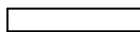
CAVITY



REMOVE PAPER



REFERENCE/  
OPTIONAL



## SYMBOLS

PART NUMBER



QUANTITY



DOWEL HOLE



CENTER OF GRAVITY (CG)

# AP Mini Argus

## PARTS LIST

Version 0.1 (2019-12-20)

PART NR.	DESCRIPTION	QUANTITY	MATERIAL	SHEET
1	FUSELAGE	1	FOAM BOARD	1
2	UPPER SHEETING	1	FOAM BOARD	1
3	HORIZONTAL STABILIZER	1	FOAM BOARD	1
4	ELEVATOR COMBINER	1	STEEL WIRE (Ø min. 1mm)	NF
5	H-STAB REINFORCEMENT	1	BBQ-SKEWER	NF
6	VERTICAL STABILIZER	1	FOAM BOARD	1
7	WING PANEL	1	FOAM BOARD	1
8	WING PANEL REINFORCEMENT	1	BBQ-SKEWER	NF
9	OUTER WING PANEL	1	FOAM BOARD	1
10	POWER POD & HATCH MOUNT PIN	3	BBQ SKEWER	NF
11	MINI POWER POD	1	FOAM BOARD	1
12	MINI FIREWALL	1	PLYWOOD	NF
13	CONTROL HORN	4	PLASTIC CARD / PLYWOOD	NF

### OTHER MATERIALS

STEEL WIRE (Ø 1mm) FOR THE LINKAGE RODS

2 x SERVO EXTENSIONS (150 - 200 mm)

VELCRO TO MOUNT THE BATTERY, ESC & RX



**Please build the Mini Argus in the order of the part numbers!**

# AP Mini ARGUS

## SHEET NF - NON FOAMBOARD

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### STEEL WIRE

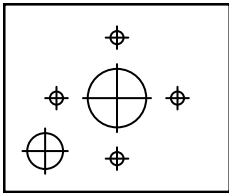


4 ELEVATOR COMBINER  
1 STEEL WIRE (Ø min. 1mm)  
AP MINI ARGUS - VERSION 0.1

### BBQ SKEWER



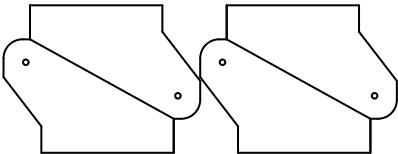
### PLYWOOD



12 MINI FIREWALL  
1 PLYWOOD  
AP MINI ARGUS - VERSION 0.1

**Cut out the Mini Firewall from plywood or use the Flite Test Mighty Mini Firewall (Part# FLT-2033).**

### PLASTIC CARD OR PLYWOOD



13 CONTROL HORN  
5 PLASTIC CARD  
AP MINI ARGUS - VERSION 0.1

**Cut out the control horns from a plastic card or plywood or use the Flite Test Mighty Mini Control Horns (Part# FLT-2034).**



10 POWER POD & HATCH MOUNT PIN  
3 BBQ SKEWER  
AP MINI ARGUS - VERSION 0.1

5 H-STAB REINFORCEMENT  
1 BBQ SKEWER  
AP MINI ARGUS - VERSION 0.1

8 WING PANEL REINFORCEMENT  
1 BBQ SKEWER  
AP MINI ARGUS - VERSION 0.1



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**BETA**

