	Date: YOUVA
Drone lotal weight	- 31b (pound) -> 1.36Kg
COMPAND COMPAND	on och till of old
Battery	- 5000 mah 11.1 V 500 balter
*4.7 1	11.1 V boc balter
Motors - A2212 1000KV	Brushless
ESC-30ARCB	enushless x The same
118 sumption: - Battery disc	harge - 80% de 2007 _ 97
time = capacity * discharge	ge /AAD
m- mass , y- gravily	to mxa F- roacs.
11 4 11 1	AAD-Average am
How to calculate Amp draw	AAD-Average amp
PIND = HOW *P/V	AUW-All op weight
The state of the s	
VII	P- Powey
C	and the state of t
91- 1090,000.	Bt Voltage -
AAD = AUW × T	T
CIMPOL SE MARY	T - Casaent
AAD = 1.36 * 170/36	TOTAL & ROUNT Lighted
,,,,,	Time = 5ah × 80%/6.4
AAD = 11.361 * 4.72 4 × 19.10	20 N N = 1
NICONC BOILLY X	
(AAD = 6.2 A.	- Control
	Time = 37.5 minutes /0.625 hocoes-
	210:0

A Single 1000 KV BLDC motor with 30A ESC can able to lift 600 grams to 900 grams
can able to lift 600 grams to 900 grams
Ratterd - 5,000 mob 11.11 Sor botter
P_max = T_max * U_max 2000 CICCA - Endaly
P-max = 4.7 x 11.10 / 120 A D D D D D D D
P_max = 54.99 Watt annual mental animosely
1 = 11 to x = 34.11 wall
[[AA] supported * History - govit
F= m x g F- Fonce, m- mass, g- gravity
7 - 117 x 9 7 - 1 5/100 / 10 / 10 / 10 / 10 / 10 / 10 /
cusific 1.36 × 9.81 march and attribute at moth
$\frac{1.36 \times 9.81}{1.36 \times 9.81}$
1119 × WUR = 1161
tola F= 13.3416) Kgm/s2
Measured Forces
V
M=Fxx= mxxxy. 91-toxyve
travers - T
output Power = 27 NT, N-91pm 1, torque
Output 10 wor = 27/10/11 10 /11/20 10 10 10 10 10 10 10 10 10 10 10 10 10
$\frac{3}{1 - \eta \cdot 60} = \frac{3}{54.99 \times 80} = \frac{164.97}{1 - 164.97} = \frac{1}{1}$
2AN 2XX 1110B 3485.4
son 201 1 = 0.04 x 197% smil
T= 6.045

Tonly Payload = 1.09 Kg/gp 1090 ggrams

Inpounds = 2.4 b