



ITEM NO.	PART NUMBER	QTY.
1	UJ Bracket	4
2	Universal joint bearing4 left	1
3	Universal joint bearing4	1
4	Motor (1)	1
5	steering ackerman large bar (smaller)	1
6	Steering ackerman connecting linkage2	2
7	ElectronicsBlackBox	1
8	servo_HITEC_HS-5055MG	1
9	ISO - Rack-spur - rectangular 0.5M 20PA 5FW 4PH 30L---SAll	1
10	ISO - Spur gear 0.5M 12T 20PA 10FW --- S12A75H50L0.8N	1
11	shaft	1
12	plain bearing	5
13	tail long part	1
14	tail connector	2
15	tail hollow tube	2
16	tail rotation restrictor pin	2
17	tail joint 2	2
18	circlip	12
19	WhegFootImproved3	4
20	battery	1
21	box lid	1
22	Pulley synchronous 16 teeth modified	2
23	motor shaft pulleymodified	1
24	shaft front	1
25	rzeppa inner race	2
26	rzeppa cup	2
27	plain bearing shorter	2
28	motor bracket	1
29	servo holder	1
30	right angle bracket middleSLDPRT	1
31	battery bracket	2
32	flat bar for electronics	1
33	washer	4
34	snap fit peg	2
35	pivot pin	4
36	pivot pin part 2	4
37	ISO 7045 - M2 x 8 - Z - 8C	24
38	ISO - 4032 - M2 - W - N	4
39	back side	1
40	bottom	1
41	front	1
42	RIGHTside	1
43	leftside better	1
44	key	4
45	Belt1-4^Assem6	1
46	Belt2-5^Assem6	1

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:				FINISH:		DEBURR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION	
NAME		SIGNATURE		DATE				TITLE:		Exploded View	
DRAWN		Jacob Mitchell		01/05/2017				DWG NO.		4	
CHK'D										A2	
APPVD											
MFG											
Q.A.											
						MATERIAL:					
						WEIGHT: 204 g		SCALE:1:2		SHEET 1 OF 1	