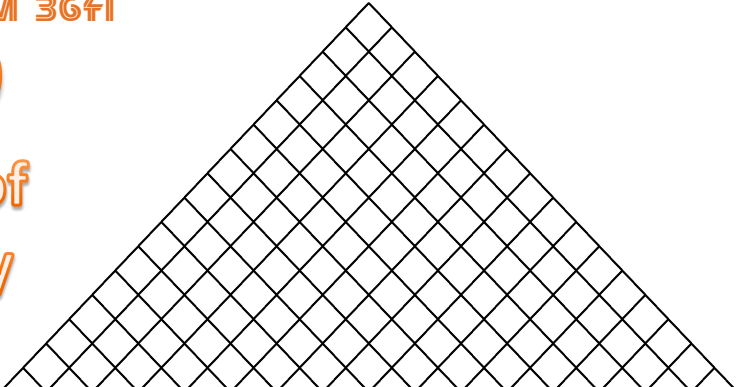


THE FLYING TOASTERS TEAM 3641

QFD

House of Quality



Correlations	
Positive	+
Negative	-
No Correlation	
Relationships	
Strong	●
Moderate	○
Weak	▽
Direction of Improvement	
Maximize	▲
Target	◇
Minimize	▼

Row #	Weight Chart (Calculated)	Relative Weight (calculated)	Strategic Importance (Team Sets 1-5)	Max Relationship (Red is Negative)	Scoring Opportunities & Necessary Attributes (Explicit and Implicit)	Column #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
					Capabilities & Features		AUTONOMOUS OPERATION	PICK AND PLACE ARM	HOPPER	SHOOTER ACCURACY, DISTANCE	CLIMBING BAR	CORNER CLIMB	MANEUVERABILITY	SPEED	PICKING UP DISCS	MANIPULATING DISC	DISC COLOR	AUTO TARGETTING	HUMAN PLAYER LOADING	PUSHABILITY	TEAM CLIMBING	LIMBO 30"	
1		7.3%	3	0.87	AUTONOMOUS SCORING		●	○	●	●			○	○	○	○		●					○
2		9.8%	4	0.63	PYRAMID LEVEL 1						●	●	○									●	●
3		4.9%	2	0.37	REST OF PYRAMID						●	●	○									▽	▽
4		7.3%	3	1.22	ROBOT DIM.			●	●	●	●	●	▽		▽	▽		▽		●	●	●	
5	#VALUE!	0.0%		#####																			
6		4.9%	2	0.95	PYRAMID GOAL			▽	○	●	▽	▽	○	▽	○	●	●	●	●				▽
7		7.3%	3	1.01	LOW GOAL		●	●	●	○			○	▽	●	●		▽	●				▽
8		7.3%	3	1.07	MEDIUM GOAL		●		●	●			○	▽	●	●		●	●				
9		7.3%	3	1.07	HIGH GOAL		●		●	●			○	▽	●	●		●	●				
10		7.3%	3	0.45	PINNING PENILTY			▽					●	●						●			
11		7.3%	3	0.27	TOUCHING OTHER PYRAMID			▽					●	○						▽			○
12		7.3%	3	0.21	LOADING ZONE								●	○						▽			
13		7.3%	3	0.56	HOLDING MORE THEN 4		○		●	▽			▽		●	○			●				
14		7.3%	3	0.18	INTERFERRING WITH CLIMB			▽					●										▽
15		7.3%	3	0.14	10 SEC DELAY AFTER TIPPING								●										
16	#VALUE!	0.0%		#####	HUMAN PLAYER																		
					Target (What we want)																		
					Max Relationship (Red is Negative)		9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
					Difficulty Rating (Impact vs. Effort) 5=High impact/Little effort		5	3	4	3	3	3	4	4	3	2	1	3	4	3	1	3	3
					Technical Importance Rating		2.8537	1.8049	4.0976	3.3659	2.0244	2.0244	4.9024	1.5854	3.0732	2.9268	0.439	2.561	3.0732	1.4634	1.5854	2.2195	
					Relative Weight		7.1%	4.5%	10.2%	8.4%	5.1%	5.1%	12.3%	4.0%	7.7%	7.3%	1.1%	6.4%	7.7%	3.7%	4.0%	5.5%	
					Weight Chart																		



