

Estimated Arm Section Positions and Motion Times

		Rotational Speed (deg/sec)		Move Speed (in/sec)			Rot Speed (deg/sec)			
				9.7					381	
#	Description	Arm Angle (Deg)	Deg Change	Rot Time	Extension (in)	Move Dist	Extend Time	Wrist Angle (Deg)	Deg Change	Rot Time
1	Starting Config	-69	---	---	0		---	+69	---	---
2	Pickup	-61	8	???	14	14	1.44	+61	8	0.02
3	Switch	-39	22	???	0	-14	1.44	+39	22	0.06
4	Above Switch	-27	12	???	0	0	0.00	+75	36	0.09
5	Horizontal	0	27	???	0	0	0.00	+75	0	0.00
6	Above Horzon	+20	20	???	0	0	0.00	+31	44	0.12
7	Above Horzon	+32	12	???	0	0	0.00	0	31	0.08
8	Above Horzon	+44	12	???	3	3	0.31	-44	44	0.12
9	1st Cube Level	+50	6	???	8.5	5.5	0.57	-50	6	0.02
10	2nd Cube Level	+58	8	???	18	9.5	0.98	-58	8	0.02
Retract										
	Pickup	-61	---	---	14	---	---	+62	---	---
	Starting Config	-69	8	???	0	-14	1.44	+69	8	0.02