

Important: All Measurements in Inches

Joined-Axle with Non-Matching Motors

Test	1	2	3	4	5	6	7	8	9	10
Deviation at 1 foot	0.56	0.25	0.50	0.13	0.41	0.25	0.02	0.50	0.25	0.38
Deviation at 2 feet	1.00	1.06	0.56	0.19	0.50	0.63	0.13	0.75	0.63	0.69
Deviation at 3 feet	1.06	1.75	1.00	0.50	1.00	0.69	0.44	1.06	0.75	0.81
Deviation at 4 feet	2.13	1.88	1.63	0.88	1.63	1.06	0.75	1.50	1.25	1.27

Matched Motors

Test	1	2	3	4	5	6	7	8	9	10
Deviation at 1 foot	0.13	0.13	0.19	0.02	0.13	0.14	0.13	0.13	0.14	0.25
Deviation at 2 feet	0.13	0.19	0.19	0.06	0.06	0.06	0.19	0.03	0.06	0.50
Deviation at 3 feet	0.19	0.56	0.69	0.19	0.63	0.19	0.81	0.13	0.19	0.81
Deviation at 4 feet	0.50	1.13	1.31	1.00	1.13	1.03	1.50	0.75	0.81	1.52

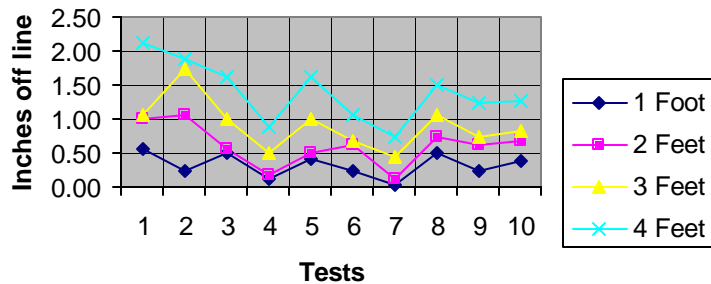
Joined-Axle with Matched Motors

Test	1	2	3	4	5	6	7	8	9	10
Deviation at 1 foot	0.00	0.00	0.13	0.19	0.19	0.06	0.00	0.00	0.00	0.00
Deviation at 2 feet	0.00	0.13	0.19	0.25	0.31	0.19	0.00	0.13	0.06	0.06
Deviation at 3 feet	0.00	0.13	0.19	0.50	0.38	0.28	0.02	0.31	0.19	0.13
Deviation at 4 feet	0.13	0.13	0.19	0.53	0.44	0.50	0.13	0.50	0.25	0.25

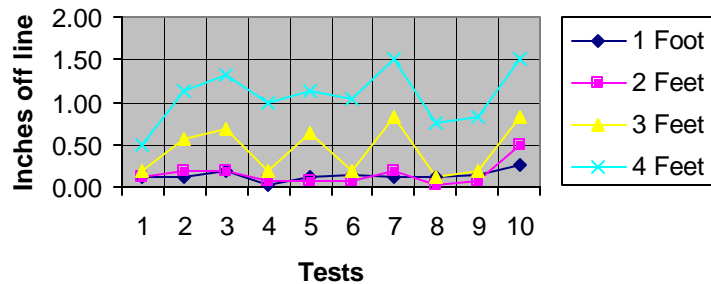
Non-Matched Motors

Test	1	2	3	4	5	6	7	8	9	10
Deviation at 1 foot	0.88	1.13	1.00	0.81	0.75	0.83	0.63	0.63	0.50	0.48
Deviation at 2 feet	2.19	2.75	2.63	2.38	2.63	2.13	2.00	2.25	2.50	1.88
Deviation at 3 feet	4.13	5.00	4.63	4.50	4.19	4.63	4.00	4.13	4.25	3.88
Deviation at 4 feet	6.75	8.25	7.50	7.13	7.25	7.25	6.50	6.38	6.25	6.06

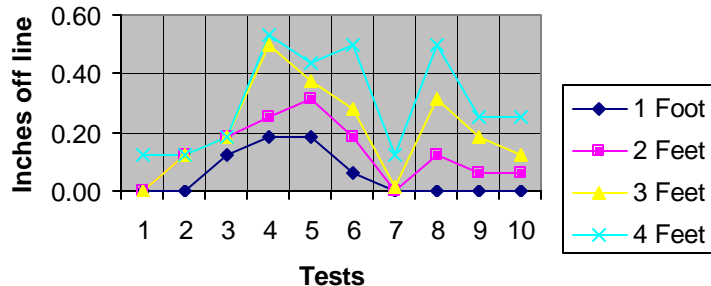
Deviations of Joined-Axle Robot with Non-Matched Motors



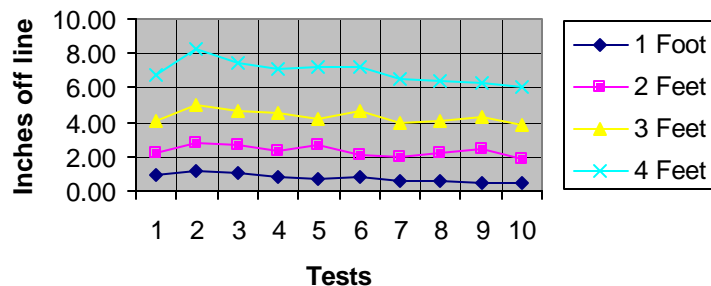
Deviations of Matched Motors



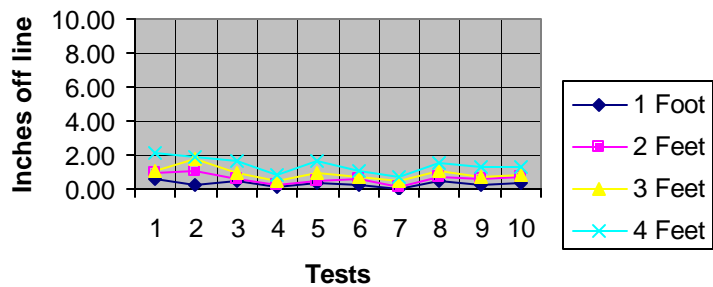
Deviations of Joined-Axle Robot with Matched Motor



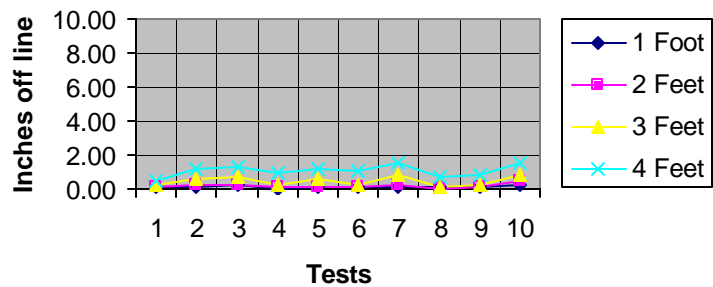
Deviations of Non-Matched Motors



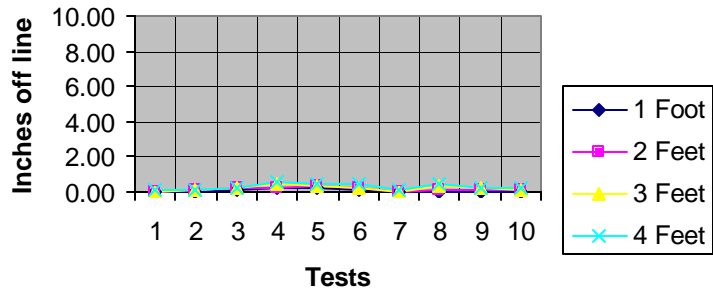
Deviations of Joined-Axle Robot with Non-Matched Motors



Deviations of Matched Motors



Deviations of Joined-Axle Robot with Matched Motors



Deviations of Non-Matched Motors

