

timestamp	joint_angle	joint_velocity	joint_torque	intervention	description	costs	technician
2023-10-18 19:37:17	-35.83800089	-89.84061279	-2.846859107	Replaced motor for joint 2	Intervention: Replaced motor for joint 2. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	488.78	Julia Rogers
2023-12-27 12:21:26	-11.712917869	119.2917869	-17.05739114	Cleaned dust from sensors	Intervention: Cleaned dust from sensors. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	22.74	Deanna Smith
2023-10-19 20:59:25	141.7962224	-21.12172008	-40.46978111	Cleaned dust from sensors	Intervention: Cleaned dust from sensors. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	20.77	Gregory Morton II
2023-04-04 23:12:54	-14.79934588	-48.1904277	8.695302582	Tightened loose bolts on base	Intervention: Tightened loose bolts on base. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	27.79	Mark Austin
2024-01-05 13:33:51	62.2154854	-53.60449201	-41.21588271	Replaced power supply unit	Intervention: Replaced power supply unit. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	255.19	Roy Elliott
2023-11-14 19:26:28	110.5400794	8.239695944	-48.56939562	Replaced motor for joint 2	Intervention: Replaced motor for joint 2. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	217.45	Karen Ewing
2023-10-29 21:32:29	-62.94686869	-31.69103928	28.08650009	Cleaned dust from sensors	Intervention: Cleaned dust from sensors. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	22.27	Andrew Trevino
2023-09-12 11:17:49	109.3970871	8.805278984	-11.50262522	Adjusted joint velocity parameters	Intervention: Adjusted joint velocity parameters. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	124.64	Emily Simpson
2024-03-22 9:19:59	-28.75457804	-23.71361298	-55.53103422	Updated control software	Intervention: Updated control software. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	210.94	Nancy Gordon
2023-06-22 17:23:27	-146.1463889	60.85614232	-42.14066684	Recalibrated torque settings	Intervention: Recalibrated torque settings. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	129.18	Alan Cabrera
2022-07-08 13:46:20	-76.70482275	-59.34505414	12.21386238	Adjusted joint velocity parameters	Intervention: Adjusted joint velocity parameters. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	75.55	Diane Roberts
2022-07-12 19:21:30	-79.80223119	48.4261169	-33.21701889	Routine check-up	Intervention: Routine check-up. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	66.86	Eric McDowell
2022-08-14 14:43:51	24.23517546	-47.84966175	-43.36883797	Replaced damaged end effector	Intervention: Replaced damaged end effector. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	218.25	Richard Vargas
2023-03-28 21:50:49	118.6128028	88.82110775	6.250806712	Tightened loose bolts on base	Intervention: Tightened loose bolts on base. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	67.86	Eric McDowell
2024-05-17 21:31:46	-61.49749487	-83.03070137	-23.8541177	Routine check-up	Intervention: Routine check-up. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	66.43	James Knight
2022-06-26 20:03:10	127.9003474	-55.41240338	24.997101	Tightened loose bolts on base	Intervention: Tightened loose bolts on base. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	55.28	Donna Hill
2023-08-08 8:08:27	-28.05742439	90.2766799	-47.55147853	Updated control software	Intervention: Updated control software. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	295.28	Amber Smith MD
2023-01-23 6:00:21	-164.3800073	-85.61458303	-18.8325903	Updated control software	Intervention: Updated control software. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	133.47	Curtis Tucker
2023-07-27 17:58:55	-107.5871217	-35.31458474	2.400356123	Routine check-up	Intervention: Routine check-up. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	81.74	Kara Cook
2024-02-02 12:10:11	-114.844849	45.9006423	-39.72766747	Updated control software	Intervention: Updated control software. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	101.41	John Diaz
2023-05-04 4:29:56	58.27948928	67.25617613	24.55007425	Routine check-up	Intervention: Routine check-up. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	93.28	Jennifer Smith
2023-03-25 22:28:27	159.9062659	99.21808886	34.9995423	Updated control software	Intervention: Updated control software. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	224.83	Grant Smith
2022-05-31 15:28:16	-148.2448348	-68.36673048	-0.029698461	Replaced damaged end effector	Intervention: Replaced damaged end effector. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	208.84	Kirk Hanson
2023-12-08 23:24:37	-143.1307025	-50.53370301	-28.38193542	Replaced motor for joint 2	Intervention: Replaced motor for joint 2. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	379.11	Joseph Cameron
2023-11-12 12:00:05	-100.0362549	-56.77022087	-39.27551954	Replaced motor for joint 2	Intervention: Replaced motor for joint 2. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	261.66	Scott Brown
2023-08-01 3:58:29	-75.52615115	53.73229001	-33.55754464	Cleaned dust from sensors	Intervention: Cleaned dust from sensors. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	16.2	Randy Garcia
2023-10-13 7:04:22	77.28302781	22.24861484	-1.002796147	Routine check-up	Intervention: Routine check-up. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	95.37	Christopher Porter
2023-07-28 0:02:25	82.9815005	81.88042953	-15.31704995	Cleaned dust from sensors	Intervention: Cleaned dust from sensors. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	27.32	Michael Lewis
2023-03-29 21:17:45	124.6089299	88.50264242	28.14063137	Routine check-up	Intervention: Routine check-up. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	53.31	Thomas Jensen
2023-11-07 15:38:49	88.29859093	-18.01692256	-18.55005075	Adjusted joint velocity parameters	Intervention: Adjusted joint velocity parameters. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	55.28	Malik Wolfe
2022-07-02 0:37:14	49.34591976	-85.61239899	-35.31457569	Replaced entire robotic arm (irreparable damage)	Intervention: Replaced entire robotic arm (irreparable damage). Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	9915.24	Kendra Santana
2023-08-03 19:46:54	61.12859366	-76.40973364	-26.18887926	Replaced damaged end effector	Intervention: Replaced damaged end effector. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	305.15	Jeremy McDowell
2024-03-05 10:29:22	-134.2446566	-95.40544171	-96.4216487	Updated control software	Intervention: Updated control software. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	127.82	Laurea Fisher
2022-10-17 17:23:43	-102.6242203	80.8258362	6.902320004	Replaced entire robotic arm (irreparable damage)	Intervention: Replaced entire robotic arm (irreparable damage). Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	7773.89	Charles Johns
2023-03-22 6:04:11	16.50650919	96.34051481	-37.38084408	Routine check-up	Intervention: Routine check-up. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	65.89	Jessica Padilla
2022-07-20 16:33:53	-151.3142734	20.26422444	4.453020556	Recalibrated torque settings	Intervention: Recalibrated torque settings. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	89.73	Frances Chen
2023-09-08 22:23:24	80.95991833	86.72373888	-18.36361329	Adjusted joint velocity parameters	Intervention: Adjusted joint velocity parameters. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	141.37	Latoya Sanders
2023-01-13 1:15:13	165.0891477	40.34768285	-6.928476152	Updated control software	Intervention: Updated control software. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	212.12	Jerry Benjamin
2023-03-18 7:56:47	-122.429143	-98.07996382	-15.64674302	Replaced motor for joint 2	Intervention: Replaced motor for joint 2. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	234.06	Andrew Klein
2023-01-16 12:14:24	6.526004451	-56.44937048	-20.96005537	Routine check-up	Intervention: Routine check-up. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	71.81	Ralph Hall
2023-06-16 15:57:50	86.809109	70.57116213	-21.6988923	Replaced motor for joint 2	Intervention: Replaced motor for joint 2. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	369.24	Angela Johnson
2023-08-31 18:22:13	34.12362062	68.9143333	-20.36356996	Replaced motor for joint 2	Intervention: Replaced motor for joint 2. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	324.83	Charles White
2024-02-15 1:52:55	-89.22403308	-74.33076424	14.91740836	Updated control software	Intervention: Updated control software. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	235.04	John Miller
2022-08-10 9:10:47	-81.23355252	55.05934242	15.261864	Adjusted joint velocity parameters	Intervention: Adjusted joint velocity parameters. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	120.48	Gregory Jones
2023-03-20 8:09:36	16.27067497	-71.82787938	10.3303003	Replaced power supply unit	Intervention: Replaced power supply unit. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	265.44	Michael Cooke
2023-10-09 15:57:13	-158.3836015	-81.09182857	-27.81813757	Adjusted joint velocity parameters	Intervention: Adjusted joint velocity parameters. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	120.84	Ashley Davis
2023-04-10 7:11:01	33.34841678	34.25286493	-13.90028343	Routine check-up	Intervention: Routine check-up. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	51.02	Ms. Sherry Sheppard
2023-05-10 10:45:40	-6.032290749	-31.29642881	-36.98125266	Adjusted joint velocity parameters	Intervention: Adjusted joint velocity parameters. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	81.78	Shane Harris
2023-08-30 22:08:08	-77.6694043	-27.05390477	-28.77967025	Cleaned dust from sensors	Intervention: Cleaned dust from sensors. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	28.4	Joel Black
2022-09-03 12:56:16	-150.8077254	-54.62826288	8.154299951	Replaced power supply unit	Intervention: Replaced power supply unit. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	161.62	Stephanie Ward
2022-12-15 15:24:56	-43.35270267	43.78896621	-6.974505411	Updated control software	Intervention: Updated control software. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	156.05	Danielle Gonzalez
2022-12-11 19:41:03	-58.44830352	-16.21288397	34.00104251	Replaced power supply unit	Intervention: Replaced power supply unit. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	242.16	Susan Downs
2024-02-09 12:17:30	131.1990405	-63.60729317	-4.91645373	Replaced damaged end effector	Intervention: Replaced damaged end effector. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	459.12	Tasha Long
2022-12-23 8:09:50	-138.2354976	54.04957171	-39.19655777	Replaced damaged end effector	Intervention: Replaced damaged end effector. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	305.17	Jonathan Colon
2024-05-07 13:35:27	139.5919771	56.07171315	-48.21462098	Adjusted joint velocity parameters	Intervention: Adjusted joint velocity parameters. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	91.77	Robert Wilson
2023-04-27 0:23:27	-51.48891409	-7.118633076	-40.89725301	Replaced motor for joint 2	Intervention: Replaced motor for joint 2. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	381.38	Kendra Graham
2023-07-18 05:04:06	56.33147822	55.28382093	-24.80358385	Tightened loose bolts on base	Intervention: Tightened loose bolts on base. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	30.14	Azumi Allen
2024-05-12 19:04:05	68.61092827	-76.51778131	-25.04327414	Replaced entire robotic arm (irreparable damage)	Intervention: Replaced entire robotic arm (irreparable damage). Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	8637.44	Mrs. Andrea Walters DVM
2022-06-27 4:26:38	-85.71417624	32.22596444	36.28149482	Updated control software	Intervention: Updated control software. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	218.41	Brittany Luna
2023-09-17 8:52:05	34.72077187	-61.76259114	3.468592497	Adjusted joint velocity parameters	Intervention: Adjusted joint velocity parameters. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	92.5	Brian Shalt
2023-09-19 14:30:41	-170.5122843	-93.59555344	21.58784185	Routine check-up	Intervention: Routine check-up. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	75.44	Donald Martinez
2023-01-08 10:54:41	-6.191042979	90.17820036	28.40972096	Updated control software	Intervention: Updated control software. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	137.47	Dona Gibson
2024-07-16 17:21:42	93.58285767	12.64543302	25.13793345	Routine check-up	Intervention: Routine check-up. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	58.87	Emily Shaw
2024-03-02 13:40:59	-86.19113417	68.72059934	14.56999094	Recalibrated torque settings	Intervention: Recalibrated torque settings. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	97.39	Kristina Harrison
2023-02-26 6:28:13	84.93919514	35.65596761	25.77898914	Tightened loose bolts on base	Intervention: Tightened loose bolts on base. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	37.8	Michele Moore
2022-06-24 9:17:45	79.08765178	-9.946672428	-2.747455326	Tightened loose bolts on base	Intervention: Tightened loose bolts on base. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	22.1	Jason Barker
2023-11-24 0:16:30	173.3697939	17.29008626	-10.70176043	Replaced entire robotic arm (irreparable damage)	Intervention: Replaced entire robotic arm (irreparable damage). Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	6985.21	Eric Wilson
2024-01-21 11:27:00	-77.7304913	97.26212272	-17.87830761	Recalibrated torque settings	Intervention: Recalibrated torque settings. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	69	Mark Cole
2022-06-11 2:44:49	123.3652422	54.10794732	24.32722204	Tightened loose bolts on base	Intervention: Tightened loose bolts on base. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	39.96	Susan Duncan
2024-02-21 13:10:56	132.1603309	50.78562131	1.436532471	Tightened loose bolts on base	Intervention: Tightened loose bolts on base. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	36.28	Taylor Bell
2022-10-26 23:03:25	-129.7146104	26.32108849	40.97157447	Cleaned dust from sensors	Intervention: Cleaned dust from sensors. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	27.36	John Reed
2023-09-16 6:20:16	-132.9378116	-28.03181475	43.76664701	Replaced entire robotic arm (irreparable damage)	Intervention: Replaced entire robotic arm (irreparable damage). Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	5563.74	Paul Thomas
2022-09-16 4:07:28	-49.13820043	-11.7783298	6.268036357	Updated control software	Intervention: Updated control software. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	112.65	Linda Schroeder
2023-03-01 18:45:18	-145.3914005	63.43182852	-8.574181325	Replaced damaged end effector	Intervention: Replaced damaged end effector. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	427.91	Timothy Compton
2022-07-01 11:49:37	-76.82539022	-35.8248739	-55.58842147	Replaced motor for joint 2	Intervention: Replaced motor for joint 2. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	381.56	Michael Farmer
2023-04-22 18:44:12	-160.6243519	93.94623794	43.6244394	Tightened loose bolts on base	Intervention: Tightened loose bolts on base. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	34.11	Tammy Henry
2023-11-05 22:59:55	124.5557174	72.26687673	-9.647040552	Cleaned dust from sensors	Intervention: Cleaned dust from sensors. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	12.21	Lawrence Jones
2023-03-01 0:25:19	96.62999518	-14.00267545	0.75050164	Cleaned dust from sensors	Intervention: Cleaned dust from sensors. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	18.35	Camerson Turner
2022-07-30 10:34:51	-79.3662406	19.39873467	44.9709839	Replaced motor for joint 2	Intervention: Replaced motor for joint 2. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	207.48	Billy Chavez
2022-07-03 15:58:17	-17.34079015	-32.17974285	-46.69161829	Adjusted joint velocity parameters	Intervention: Adjusted joint velocity parameters. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	82.03	Lindsay Cruz
2024-05-22 22:46:38	-79.11380698	-6.428362746	32.91650886	Routine check-up	Intervention: Routine check-up. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	78.37	Andre Barnes
2022-07-26 10:02:06	82.31772372	99.7997011	-42.03407024	Replaced damaged end effector	Intervention: Replaced damaged end effector. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	389.32	Tammy Klein
2024-04-17 4:28:35	-145.4520991	7.991871387	8.855232996	Tightened loose bolts on base	Intervention: Tightened loose bolts on base. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	38.21	Shannon Clark

2023-05-12 18:13:14	-103.5895936	29.52363432	-29.29148093	Routine check-up	Intervention: Routine check-up. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	62.57	Scott Gutierrez
2024-02-06 0:03:19	98.00805174	58.28272699	34.88368523	Routine check-up	Intervention: Routine check-up. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	73.27	Robert Quinn
2022-10-15 6:49:00	-34.5875471	-20.62590873	41.92941953	Updated control software	Intervention: Updated control software. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	232.24	Louis White
2023-04-20 0:55:38	82.38295253	53.15335119	37.04931681	Tightened loose bolts on base	Intervention: Tightened loose bolts on base. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	39.8	Bethany Aras
2022-07-21 7:08:42	68.57867481	-3.791781037	16.05352909	Replaced entire robotic arm (irreparable damage)	Intervention: Replaced entire robotic arm (irreparable damage). Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	9673.05	Mark Crawford
2022-11-12 21:37:42	1.385824788	57.15386108	-15.88173885	Replaced damaged end effector	Intervention: Replaced damaged end effector. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	221.55	Clayton Sims
2024-03-05 2:04:14	83.28953069	-75.34769306	-17.63504789	Cleaned dust from sensors	Intervention: Cleaned dust from sensors. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	24.9	Matthew Williams
2023-03-14 3:10:42	38.64708242	-74.94893457	38.21451671	Tightened loose bolts on base	Intervention: Tightened loose bolts on base. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	30.19	Matthew Hayes Jr.
2023-03-25 2:03:47	91.84873437	-21.01615908	-1.421788951	Replaced motor for joint 2	Intervention: Replaced motor for joint 2. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	314.51	Nicole Davis
2023-08-18 14:34:55	-1.715328791	67.68769006	23.45835682	Adjusted joint velocity parameters	Intervention: Adjusted joint velocity parameters. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	146.35	Kevin Romero
2024-01-16 9:27:05	-20.20830625	-51.61287102	-26.66570927	Replaced power supply unit	Intervention: Replaced power supply unit. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	196.56	Kenneth Smith
2022-07-12 4:22:05	47.54378948	74.16387493	43.59478954	Adjusted joint velocity parameters	Intervention: Adjusted joint velocity parameters. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	137.4	Jon Yang
2023-02-22 4:32:40	-178.846585	-98.48560417	-11.26505523	Adjusted joint velocity parameters	Intervention: Adjusted joint velocity parameters. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	149.58	Stacy Williams
2023-09-19 5:25:52	-52.90039651	81.37959506	12.78212884	Routine check-up	Intervention: Routine check-up. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	51.9	Matthew Perry
2022-12-22 19:34:18	47.9488912	43.8412648	19.38558156	Cleaned dust from sensors	Intervention: Cleaned dust from sensors. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	28.13	Heather Allison
2023-01-18 17:10:05	27.2298624	29.76504997	31.11571328	Routine check-up	Intervention: Routine check-up. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	72.43	Heather Allison
2023-11-15 0:31:09	67.65987092	13.86614979	-19.97847659	Replaced motor for joint 2	Intervention: Replaced motor for joint 2. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	425.92	Vernica Swanson
2023-01-27 15:24:56	-78.64707823	94.20841452	40.97661695	Cleaned dust from sensors	Intervention: Cleaned dust from sensors. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	27.65	Melissa Cervantes
2022-09-29 6:01:51	3.023939887	66.4543637	-23.08504235	Cleaned dust from sensors	Intervention: Cleaned dust from sensors. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	16.98	Samantha Mcconnell
2023-06-27 21:18:50	-1.894412767	-54.00783232	-27.04112715	Cleaned dust from sensors	Intervention: Cleaned dust from sensors. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	18.12	Joel Salazar
2022-06-11 14:57:42	161.848866	-14.23927334	-31.58177655	Replaced damaged end effector	Intervention: Replaced damaged end effector. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	497.89	Emily Lawrence
2022-09-21 8:01:19	164.5611306	-90.6902664	4.242238701	Recalibrated torque settings	Intervention: Recalibrated torque settings. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	124.44	Jessica Myers
2022-07-13 0:44:29	89.95351547	96.37777267	39.20665016	Replaced entire robotic arm (irreparable damage)	Intervention: Replaced entire robotic arm (irreparable damage). Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	8785.43	Gary Schultz
2022-10-28 19:57:45	63.17451546	-43.00778966	-26.53623428	Replaced damaged end effector	Intervention: Replaced damaged end effector. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	437.25	Rachel Sheppard
2024-05-18 7:01:06	-71.36689596	-71.72422736	-16.26526526	Replaced power supply unit	Intervention: Replaced power supply unit. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	145.38	Chad Walter
2022-08-02 2:21:48	43.27250234	58.07019446	40.40518064	Replaced motor for joint 2	Intervention: Replaced motor for joint 2. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	30.14	Andrew Lewis
2022-08-09 1:58:34	12.65311973	78.84452907	34.20586149	Adjusted joint velocity parameters	Intervention: Adjusted joint velocity parameters. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	99.38	Allen Whitaker
2023-07-08 15:59:45	123.1310222	19.69633717	-3.017768119	Tightened loose bolts on base	Intervention: Tightened loose bolts on base. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	23.82	Brenda Hogan
2022-03-13 15:57:04	-82.44031529	-44.69252424	-23.29839054	Updated control software	Intervention: Updated control software. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	148.66	Brittany Munoz
2023-07-16 21:43:47	-101.1809214	15.35229066	-1.761772644	Replaced motor for joint 2	Intervention: Replaced motor for joint 2. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	475.25	Rebecca Martin
2023-09-08 23:05:24	173.0090417	79.00442917	-22.94667959	Routine check-up	Intervention: Routine check-up. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	79.98	Mrs. Ashley Harrison
2023-05-15 0:56:36	-38.28718309	58.56813312	36.42299753	Replaced entire robotic arm (irreparable damage)	Intervention: Replaced entire robotic arm (irreparable damage). Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	6584.21	David Wood
2023-09-12 19:28:00	-106.563031	96.39264364	47.28802231	Tightened loose bolts on base	Intervention: Tightened loose bolts on base. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	32.26	Shannon Evans
2023-04-10 7:14:40	-44.21103046	-58.22206188	5.564727964	Cleaned dust from sensors	Intervention: Cleaned dust from sensors. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	29.33	Tiffany Nell
2022-12-05 8:15:48	-40.93685999	-32.65325324	-40.93685999	Cleaned dust from sensors	Intervention: Cleaned dust from sensors. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	21.5	Timothy Peterson
2022-11-07 12:32:40	-100.6404111	-84.61718932	-32.8684582	Replaced entire robotic arm (irreparable damage)	Intervention: Replaced entire robotic arm (irreparable damage). Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	5376.35	Ronald Walton
2022-08-15 4:54:56	-173.8278365	66.8122209	-23.09864923	Adjusted joint velocity parameters	Intervention: Adjusted joint velocity parameters. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	89.81	Dawn Haynes
2022-12-19 22:03:15	169.9450274	-8.385449346	-49.48870033	Routine check-up	Intervention: Routine check-up. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	51.62	Alexandra Hughes
2023-06-11 19:25:37	15.89439955	-67.7244143	-30.09693287	Routine check-up	Intervention: Routine check-up. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	55.99	James Santos
2024-01-30 23:08:57	71.21354079	-91.27803882	20.47533125	Recalibrated torque settings	Intervention: Recalibrated torque settings. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	140.15	Adam Jackson
2024-04-10 11:50:42	41.74006323	7.573057355	-37.77530072	Replaced power supply unit	Intervention: Replaced power supply unit. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	227.5	Ashley West
2023-01-19 22:07:32	-153.7108759	-92.86478288	-36.15948935	Recalibrated torque settings	Intervention: Recalibrated torque settings. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	95.47	Marlene Wilson
2022-07-29 19:34:21	101.6650947	6.480545231	-82.21494152	Replaced damaged end effector	Intervention: Replaced damaged end effector. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	364.78	Barbara Cawson
2023-03-28 0:15:08	-5.727253421	-35.56346594	-10.87269727	Routine check-up	Intervention: Routine check-up. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	72.21	Suzanne Reilly
2023-11-24 19:49:37	101.9365475	-82.33299899	-24.2603169	Replaced damaged end effector	Intervention: Replaced damaged end effector. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	353.04	Shanique Deane
2023-08-17 22:39:52	62.52995182	39.5972253	21.12191674	Replaced damaged end effector	Intervention: Replaced damaged end effector. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	252.61	Philip Adams
2023-11-18 0:10:18	-40.85729991	20.19526709	-29.14299389	Updated control software	Intervention: Updated control software. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	293.3	John Hahn
2023-10-3 8:37:47	-66.44996538	-61.67546617	-39.01393257	Adjusted joint velocity parameters	Intervention: Adjusted joint velocity parameters. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	61.51	Robert Young
2023-06-20 13:05:28	74.80982167	-36.57615873	-23.66809946	Replaced entire robotic arm (irreparable damage)	Intervention: Replaced entire robotic arm (irreparable damage). Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	8526.93	Jon Fleming
2024-03-24 2:53:28	47.45450228	20.83689637	15.796908	Adjusted joint velocity parameters	Intervention: Adjusted joint velocity parameters. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	78.18	Richard Larson
2024-04-05 21:33:35	-174.3334644	55.42477402	-11.40054458	Replaced damaged end effector	Intervention: Replaced damaged end effector. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	431.48	Scott Ruiz
2023-01-28 0:07:44	-139.6316146	-61.55917817	-34.82591104	Adjusted joint velocity parameters	Intervention: Adjusted joint velocity parameters. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	61.22	Cassie White
2024-04-30 18:16:53	-55.58897797	-28.79565516	-13.42464451	Replaced damaged end effector	Intervention: Replaced damaged end effector. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	230.95	Matthew Rodgers
2024-05-13 8:32:06	149.556633	-95.64632419	8.438441664	Recalibrated torque settings	Intervention: Recalibrated torque settings. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	141.53	Timothy Delgado
2023-04-20 1:32:16	-33.39687703	-9.625109143	5.749124524	Cleaned dust from sensors	Intervention: Cleaned dust from sensors. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	20.57	Daniel Simpson
2022-11-16 17:10:36	-114.0640987	-93.23585959	-41.68931098	Replaced entire robotic arm (irreparable damage)	Intervention: Replaced entire robotic arm (irreparable damage). Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	8615.62	Keith Torres
2023-09-17 17:40:54	126.6891033	43.95515987	-14.1408269	Replaced entire robotic arm (irreparable damage)	Intervention: Replaced entire robotic arm (irreparable damage). Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	8171.06	Phyllis Torres
2022-07-02 16:24:24	6.406451757	68.40342763	-30.67713488	Replaced entire robotic arm (irreparable damage)	Intervention: Replaced entire robotic arm (irreparable damage). Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	8438.43	Amanda Acosta
2023-10-29 12:09:56	-23.85251735	24.3248787	-26.07493755	Replaced motor for joint 2	Intervention: Replaced motor for joint 2. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	203.97	Jeremy Sanchez
2022-1-30 2:05:13	-59.96450034	32.68392913	13.39126558	Replaced damaged end effector	Intervention: Replaced damaged end effector. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	233.48	Peter Little
2023-09-14 14:05:36	179.0886633	13.1680178	-10.45338498	Replaced motor for joint 2	Intervention: Replaced motor for joint 2. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	283.83	Bryan Whitaker
2023-07-31 19:56:39	178.4450862	-71.31247943	0.676156944	Tightened loose bolts on base	Intervention: Tightened loose bolts on base. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	6571.29	Anthony Williams
2023-04-25 22:24:35	39.818352	49.93914762	31.73206679	Updated control software	Intervention: Updated control software. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	47.88	Amy King
2024-02-26 0:36:00	100.9990386	67.86513017	39.52247182	Replaced power supply unit	Intervention: Replaced power supply unit. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	173.88	Mark Burchard
2023-10-29 14:03:41	83.54845757	-46.59865222	-46.59865222	Replaced entire robotic arm (irreparable damage)	Intervention: Replaced entire robotic arm (irreparable damage). Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	158.66	Jacqueline Moran
2023-10-13 21:03:55	-8.406371427	17.77091098	34.29754817	Replaced damaged end effector	Intervention: Replaced damaged end effector. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	9809.41	Danielle Patel
2022-09-29 13:37:52	-7.342466527	99.47362636	-19.98707108	Recalibrated torque settings	Intervention: Recalibrated torque settings. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	475.67	Jennifer Davis
2022-11-01 9:28:13	-125.4587635	9.388037856	2.576764803	Routine check-up	Intervention: Routine check-up. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	108.08	Lisa Hill
2023-01-13 10:40:48	-30.47192451	35.23226808	-2.587242057	Replaced power supply unit	Intervention: Replaced power supply unit. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	65.33	Steven Costa
2024-01-26 10:06:48	-123.3750153	22.79747529	-44.71819857	Adjusted joint velocity parameters	Intervention: Adjusted joint velocity parameters. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	160.64	Cheryl Guerrero
2023-09-19 15:24:47	-14.7474176	75.94618141	-11.35092121	Cleaned dust from sensors	Intervention: Cleaned dust from sensors. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	138.95	Carol Bell
2023-03-20 22:24:06	-81.02204748	90.70360028	17.15557444	Replaced motor for joint 2	Intervention: Replaced motor for joint 2. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	21.62	Gina Jones
2023-03-01 19:55:50	-131.8773061	24.1164064	-10.75593681	Replaced power supply unit	Intervention: Replaced power supply unit. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	449.97	Julie Smith
2022-07-02 23:59:46	22.4929894	59.15652884	23.82182329	Updated control software	Intervention: Updated control software. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	148.45	Bryan Miller
2023-06-04 5:35:18	148.1163236	13.59181748	-29.46216198	Updated control software	Intervention: Updated control software. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	153.66	Christina Carroll
2023-12-15 12:37:34	-26.62300625	64.11331333	-9.30935199	Adjusted joint velocity parameters	Intervention: Adjusted joint velocity parameters. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	269.86	Jeremiah Chavez
2023-02-27 0:29:27	-169.8296279	-9.307769735	-49.11464315	Replaced power supply unit	Intervention: Replaced power supply unit. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	58.67	Dona Smith
2022-11-01 8:10:07	118.1084724	-45.93296476	-35.95132789	Cleaned dust from sensors	Intervention: Cleaned dust from sensors. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	145.37	Elizabeth Sanchez
2022-12-01 0:38:57	49.62495547	-10.74428576	-10.75593681	Updated control software	Intervention: Updated control software. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	26.59	Janie Ward
2022-09-06 10:00:09	25.20148063	-9.524217935	43.26733493	Replaced motor for joint 2	Intervention: Replaced motor for joint 2. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	117.66	Marcia Duran
2023-01-01 10:27:38	34.3162252	80.15868081	7.831226846	Replaced power supply unit	Intervention: Replaced power supply unit. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	473.62	Wyatt Lopez
2022-11-06 12:05:05	-25.74467443	73.61310931	6.916933295	Tightened loose bolts on base	Intervention: Tightened loose bolts on base. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	157.04	Cindy Hanson
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2022-09-06 16:52:06	154.8731625	-29.85934567	11.70728909	Replaced damaged end effector	Intervention: Replaced damaged end effector. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	292.77	Jason Austin
2024-04-15 0:55:19	-160.3486945	53.6312915	48.6246483	Updated control software	Intervention: Updated control software. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	272.03	Julia Brewer
2023-09-22 1:03:30	-65.16487024	61.7054168	37.60561135	Adjusted joint velocity parameters	Intervention: Adjusted joint velocity parameters. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	90.93	Lauren Smith
2024-01-07 2:42:14	-146.2013566	94.39884129	27.77112469	Cleaned dust from sensors	Intervention: Cleaned dust from sensors. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	25.33	Steven Hays V
2024-02-26 7:47:17	-61.30006621	18.99344556	45.23808748	Replaced damaged end effector	Intervention: Replaced damaged end effector. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	305.45	Thomas Walsh
2022-08-24 10:50:47	36.80858661	-47.1674934	-32.64112545	Adjusted joint velocity parameters	Intervention: Adjusted joint velocity parameters. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	146.45	William Thornton
2023-08-10 20:45:18	-105.193703	-77.28565119	25.91261092	Replaced motor for joint 2	Intervention: Replaced motor for joint 2. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	409.33	Christopher Alexander
2023-03-24 8:23:35	-19.0582527	-73.50604012	40.30617505	Updated control software	Intervention: Updated control software. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	20.90	Miguel Carter
2023-06-30 11:57:49	129.9239359	-48.91796539	-17.71428518	Replaced entire robotic arm (irreparable damage)	Intervention: Replaced entire robotic arm (irreparable damage). Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	6692.6	Jose Jenkins
2023-06-18 11:25:03	23.50508586	40.24448815	46.36188376	Recalibrated torque settings	Intervention: Recalibrated torque settings. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	55.07	Jessica Thompson
2023-12-13 19:17:37	101.2787677	47.11267573	22.43262488	Replaced damaged end effector	Intervention: Replaced damaged end effector. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	205.4	Caleb Brooks
2022-12-04 7:02:31	101.5202058	-26.07626225	-21.36117005	Routine check-up	Intervention: Routine check-up. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	67.81	Douglas Smith
2024-03-03 13:35:25	132.6087189	-81.22482456	47.64081905	Adjusted joint velocity parameters	Intervention: Adjusted joint velocity parameters. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	115.32	Heather Schultz
2023-01-11 0:14:21	179.9581162	56.71589758	-42.08313513	Cleaned dust from sensors	Intervention: Cleaned dust from sensors. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	27.08	Sean Love
2023-12-04 7:09:40	178.4501763	-43.99142995	34.73277786	Cleaned dust from sensors	Intervention: Cleaned dust from sensors. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	12.22	Derrick Robinson
2023-02-09 9:35:20	32.16420146	-73.05551161	-15.07470949	Adjusted joint velocity parameters	Intervention: Adjusted joint velocity parameters. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	115.34	Sean Mathews
2023-11-15 15:18:47	95.09025872	22.76320617	-15.24204056	Replaced power supply unit	Intervention: Replaced power supply unit. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	150.55	Melanie Ortiz
2022-10-09 7:14:50	-35.80406503	35.18774448	-43.03135886	Replaced power supply unit	Intervention: Replaced power supply unit. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	155.19	Jason Scott
2022-10-07 21:36:40	-71.93634185	-56.84168077	31.47031587	Replaced motor for joint 2	Intervention: Replaced motor for joint 2. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	289.66	Brian Keith
2023-10-01 4:04:57	89.06385548	-55.55503242	41.84826886	Cleaned dust from sensors	Intervention: Cleaned dust from sensors. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	16.07	Susan King
2022-07-31 3:36:38	139.2523978	-7.287797357	-37.04622064	Cleaned dust from sensors	Intervention: Cleaned dust from sensors. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	25.45	Jasmar Martinez
2022-05-26 12:32:14	-12.5006634	-17.69247586	-7.441422184	Cleaned dust from sensors	Intervention: Cleaned dust from sensors. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	14.75	Elizabeth Thornton
2022-07-11 10:02:05	-129.047935	-69.5939631	-17.09622172	Replaced motor for joint 2	Intervention: Replaced motor for joint 2. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	407.68	Miguel Martin
2022-07-09 20:56:47	-121.6871325	-95.0930317	-23.21503248	Cleaned dust from sensors	Intervention: Cleaned dust from sensors. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	19.12	Joel Shaw
2023-10-11 11:06:04	23.91944984	-81.31588275	-21.21113322	Recalibrated torque settings	Intervention: Recalibrated torque settings. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	115.94	Jeffery Bradly
2023-09-26 13:21:23	146.9020036	-69.78491856	-49.63261965	Replaced entire robotic arm (irreparable damage)	Intervention: Replaced entire robotic arm (irreparable damage). Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	6129.77	Tustin Bowers
2024-05-20 9:57:41	27.37920538	51.52397217	35.29099649	Cleaned dust from sensors	Intervention: Cleaned dust from sensors. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	16.78	Sammy Barnes
2024-03-23 19:15:27	31.10758163	17.29246892	-23.1085727	Replaced power supply unit	Intervention: Replaced power supply unit. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	278.19	Brian Morales
2023-08-17 3:23:47	-155.1296788	-91.13807568	38.64431488	Replaced power supply unit	Intervention: Replaced power supply unit. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	280.75	Brian Chery
2023-08-05 7:09:53	175.816653	-35.8057023	19.95874837	Tightened loose bolts on base	Intervention: Tightened loose bolts on base. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	22	Joseph Graham
2023-01-28 10:59:18	34.33032236	-85.9573102	-19.45822709	Replaced motor for joint 2	Intervention: Replaced motor for joint 2. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	250.35	Theresa Miller
2023-03-02 9:14:08	142.8644026	98.79873598	-45.42331411	Adjusted joint velocity parameters	Intervention: Adjusted joint velocity parameters. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	112.19	Bradley Kelley
2024-02-18 9:12:38	-104.7955459	93.07759683	51.17084466	Recalibrated torque settings	Intervention: Recalibrated torque settings. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	140.08	Lawrence Johnson
2023-06-10 0:23:59	73.83555084	52.2599279	-27.9608832	Tightened loose bolts on base	Intervention: Tightened loose bolts on base. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	44.01	Kimberly Kennedy
2023-04-24 22:54:07	12.85089868	-47.0025575	10.63031848	Adjusted joint velocity parameters	Intervention: Adjusted joint velocity parameters. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	51.2	Kristina Campbell
2022-07-28 6:25:22	6.783710068	-43.15848465	11.92808808	Cleaned dust from sensors	Intervention: Cleaned dust from sensors. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	13.26	Max Alexander
2024-01-15 2:03:28	-135.0648629	23.68893413	-31.14732352	Tightened loose bolts on base	Intervention: Tightened loose bolts on base. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	35.25	Robert Smith
2024-04-16 15:08:26	151.157767	5.530116167	6.606727895	Replaced motor for joint 2	Intervention: Replaced motor for joint 2. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	423.84	Brian Avila
2023-06-29 3:14:30	-167.6188123	-61.22817394	8.356423757	Replaced damaged end effector	Intervention: Replaced damaged end effector. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	344.54	Jennifer Holland
2024-03-12 7:58:03	11.89832478	-87.58836808	-17.3797315	Updated control software	Intervention: Updated control software. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	128.33	Erin Bell
2022-06-29 2:43:42	-71.58206011	78.06625102	46.23907156	Replaced entire robotic arm (irreparable damage)	Intervention: Replaced entire robotic arm (irreparable damage). Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	7120.43	Samuel Johnson
2023-01-12 11:13:42	-63.21348302	33.35594871	-15.57515298	Replaced entire robotic arm (irreparable damage)	Intervention: Replaced entire robotic arm (irreparable damage). Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	9834.66	Jack Gonzalez
2023-07-26 6:18:42	-81.76070141	26.24216925	-45.37683779	Replaced motor for joint 2	Intervention: Replaced motor for joint 2. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	384.8	Nanessa Kline
2023-12-29 4:37:15	166.6817612	5.484468653	3.96008861	Cleaned dust from sensors	Intervention: Cleaned dust from sensors. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	11.56	Sara Gillespie
2023-11-25 4:54:19	-101.9072097	22.37539214	23.07727748	Tightened loose bolts on base	Intervention: Tightened loose bolts on base. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	26.12	John Holmstrom
2022-07-07 0:39:32	-141.4251219	-97.86672792	-16.70034962	Cleaned dust from sensors	Intervention: Cleaned dust from sensors. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	16.01	Kimberly Taylor
2024-02-08 7:06:24	-42.24672001	-82.27379907	-41.37713516	Replaced entire robotic arm (irreparable damage)	Intervention: Replaced entire robotic arm (irreparable damage). Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	7068.87	Vanessa Park
2023-04-17 13:22:24	32.20143592	41.91214393	-8.004532542	Replaced motor for joint 2	Intervention: Replaced motor for joint 2. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	273.21	Timothy Moore
2022-10-31 2:34:33	15.91407453	76.51842165	-16.75484855	Replaced damaged end effector	Intervention: Replaced damaged end effector. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	419.23	Mary Nelson
2023-08-21 1:03:49	139.441113	92.58760789	29.05522395	Routine check-up	Intervention: Routine check-up. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	52.25	Raymond Navarro
2023-08-22 9:10:00	177.249391	54.88619323	33.00940597	Updated control software	Intervention: Updated control software. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	205.83	Donald Garcia MD
2024-04-16 12:04:39	110.9774606	-14.5805165	43.55285414	Tightened loose bolts on base	Intervention: Tightened loose bolts on base. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	49.16	Fred Zimmerman
2023-09-01 22:45:18	-158.2309855	34.1456144	6.039810742	Replaced power supply unit	Intervention: Replaced power supply unit. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	163.48	Jeffrey Meadows
2023-12-16 5:46:08	15.75547603	-13.14753585	34.29283401	Cleaned dust from sensors	Intervention: Cleaned dust from sensors. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	19.55	Ryan Palmer
2023-12-12 11:05:09	42.87500924	-22.62119645	-12.94074068	Replaced power supply unit	Intervention: Replaced power supply unit. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	197.29	Angela English
2024-04-28 14:06:53	20.05717155	-87.21497731	40.58517716	Replaced entire robotic arm (irreparable damage)	Intervention: Replaced entire robotic arm (irreparable damage). Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	9488.08	Carlos Clark
2023-04-10 7:13:03	69.05496993	80.27376057	10.00591318	Replaced motor for joint 2	Intervention: Replaced motor for joint 2. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	484.99	Gregory Torres
2022-09-21 10:32:06	43.48842325	-16.11332239	46.95494206	Adjusted joint velocity parameters	Intervention: Adjusted joint velocity parameters. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	67.75	Benjamin Pruitt
2023-05-14 10:05:09	-150.8260269	-98.38925929	-18.22016523	Replaced entire robotic arm (irreparable damage)	Intervention: Replaced entire robotic arm (irreparable damage). Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	6082.86	Anthony Lozano
2023-09-19 19:13:13	-68.8709007	-43.77056811	-10.30323484	Tightened loose bolts on base	Intervention: Tightened loose bolts on base. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	31.72	Jeffrey Freeman
2023-03-31 12:25:08	121.2465675	-87.33157809	-41.23360793	Routine check-up	Intervention: Routine check-up. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	61.5	Nicole Taylor
2022-07-30 6:56:32	-26.6935115	-29.32185691	-29.07133959	Recalibrated torque settings	Intervention: Recalibrated torque settings. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	94.54	Audrey Smith
2024-04-06 9:03:52	-123.5192222	-32.07638669	47.89069379	Updated control software	Intervention: Updated control software. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	115.75	Brenda Thompson
2023-05-20 6:51:21	71.98958968	-66.72847231	-48.81861289	Replaced power supply unit	Intervention: Replaced power supply unit. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	114.83	Richard Lewis
2022-11-02 22:07:43	-165.2273204	42.74514885	7.877466139	Updated control software	Intervention: Updated control software. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	119.35	Kimberly Schmitt
2022-11-22 21:14:10	-11.26430434	97.54004061	-2.07306525	Replaced entire robotic arm (irreparable damage)	Intervention: Replaced entire robotic arm (irreparable damage). Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	7614.98	Jennifer Carlson
2022-06-28 7:28:13	0.893766407	6.06578936	-14.16308943	Replaced motor for joint 2	Intervention: Replaced motor for joint 2. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	219.6	Kristian Schneider
2023-06-05 4:13:22	-101.4816181	24.33974682	-5.129693675	Replaced entire robotic arm (irreparable damage)	Intervention: Replaced entire robotic arm (irreparable damage). Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	5869.4	Ricardo Smith
2023-03-18 19:24:36	64.9895776	-0.15110578	12.319108	Adjusted joint velocity parameters	Intervention: Adjusted joint velocity parameters. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	108.45	Dennis Leach
2023-07-02 19:31:11	86.51872236	17.52036952	6.0385496994	Replaced damaged end effector	Intervention: Replaced damaged end effector. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	286.12	Mark Mitchell
2024-10-12 3:59:31	42.43907474	-4.980310798	-18.58563381	Updated control software	Intervention: Updated control software. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	292.34	Lawrence Howell
2023-05-10 8:10:44	-109.8755628	98.20132027	-26.84092089	Replaced motor for joint 2	Intervention: Replaced motor for joint 2. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	8289.2	Michael Floyd
2022-12-27 3:08:37	161.5969451	93.74960172	4.975676345	Replaced damaged end effector	Intervention: Replaced damaged end effector. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	435.89	Andrea Wilson
2024-02-11 19:09:59	83.71221234	22.41215038	47.12801875	Replaced entire robotic arm (irreparable damage)	Intervention: Replaced entire robotic arm (irreparable damage). Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	8232.96	Teresa Green
2022-12-26 0:11:34	-84.98619949	98.46172624	3.657312416	Recalibrated torque settings	Intervention: Recalibrated torque settings. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	126.77	Dr. Nicholas Larson
2023-03-01 3:26:35	-132.0414974	-17.86182966	-1.796461823	Tightened loose bolts on base	Intervention: Tightened loose bolts on base. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	41.06	Lindsay Whitaker
2022-11-23 6:44:18	12.0516277	-57.9837292	-5.994233409	Replaced motor for joint 2	Intervention: Replaced motor for joint 2. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	357.04	Jessica Williams
2022-10-07 3:23:30	-131.3060609	-11.79986709	-20.05861902	Routine check-up	Intervention: Routine check-up. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	67.16	Julie Sanders
2022-09-18 2:53:28	-176.770781	-69.7178037	-32.30232115	Replaced entire robotic arm (irreparable damage)	Intervention: Replaced entire robotic arm (irreparable damage). Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	8939.13	Patrick Foster
2022-11-07 13:17:09	15.94435082	73.87278521	24.38469642	Recalibrated torque settings	Intervention: Recalibrated torque settings. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	58.11	Chad Rivas
2024-04-25 12:07:33	-20.46461249	78.05521929	20.64978807	Tightened loose bolts on base	Intervention: Tightened loose bolts on base. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	31.09	Paul Austin
2022-12-17 2:35:28	-5.42406366	-30.04943136	22.70412295	Tightened loose bolts on base	Intervention: Tightened loose bolts on base. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	38.83	Ernest Clements
2022-07-22 7:31:02	151.4640448	-83.19929121	18.02601052	Cleaned dust from sensors	Intervention: Cleaned dust from sensors. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	28.09	Reginal

2023-11-23 8:19:10	148.0406094	-87.98197725	-42.42124166	Cleaned dust from sensors	Intervention: Cleaned dust from sensors. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	16.42	Dawn Flynn
2022-08-14 21:42:55	17.35016121	18.02506306	4.729147004	Tightened loose bolts on base	Intervention: Tightened loose bolts on base. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	41.68	Todd Howard
2023-09-19 23:02:04	34.02244618	-83.72114359	-3.205965517	Replaced entire robotic arm (irreparable damage)	Intervention: Replaced entire robotic arm (irreparable damage). Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	8811.77	Philip Williams
2023-12-28 14:24:48	111.6620587	30.4217641	-28.47615394	Routine check-up	Intervention: Routine check-up. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	54.17	Whitney Williams
2022-11-20 13:33:56	129.80579	-13.34574178	-29.92508392	Cleaned dust from sensors	Intervention: Cleaned dust from sensors. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	11.32	Russell Cochran
2022-08-28 9:46:56	45.97896057	29.82816802	-25.75392765	Adjusted joint velocity parameters	Intervention: Adjusted joint velocity parameters. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	73.64	Darren Sharp
2023-09-11 19:04:39	20.80814722	61.33104612	-23.11871051	Replaced entire robotic arm (irreparable damage)	Intervention: Replaced entire robotic arm (irreparable damage). Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	6008.66	Ryan Clarke
2022-11-03 19:45:55	-160.1120205	79.02445103	19.53817701	Replaced damaged end effector	Intervention: Replaced damaged end effector. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	239.47	Mark Turner
2024-04-27 4:17:52	150.8846927	28.54225044	28.66475726	Replaced damaged end effector	Intervention: Replaced damaged end effector. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	443.52	Rachael Lara
2023-09-22 13:39:40	-131.5350653	-41.40061446	-8.883751927	Replaced power supply unit	Intervention: Replaced power supply unit. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	153.79	Jeffrey Horton
2024-04-02 0:16:56	172.8999279	-90.92793599	6.746355473	Tightened loose bolts on base	Intervention: Tightened loose bolts on base. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	43.65	Paul Potter
2024-04-14 3:27:00	-101.693729	-5.481235553	0.7788683527	Replaced motor for joint 2	Intervention: Replaced motor for joint 2. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	399.5	Linda Guerra
2022-06-02 5:23:05	-147.7124933	-75.24831032	-16.69885614	Updated control software	Intervention: Updated control software. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	174.33	Jane Peters
2022-11-10 16:31:21	11.8210234	-91.33908406	35.07905776	Tightened loose bolts on base	Intervention: Tightened loose bolts on base. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	23.68	John Hopkins PhD
2023-04-10 5:00:38	-94.89620073	-22.29854359	37.68960813	Routine check-up	Intervention: Routine check-up. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	83.97	Erin Moon
2024-01-05 23:29:50	-60.02932833	56.42318555	11.71298618	Routine check-up	Intervention: Routine check-up. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	88	Joshua White
2024-01-30 10:22:23	100.497262	-41.5981669	-42.7560008	Replaced damaged end effector	Intervention: Replaced damaged end effector. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	471.54	Jessica Wood
2023-01-23 2:59:49	-76.40597731	67.89938826	-11.76064314	Replaced entire robotic arm (irreparable damage)	Intervention: Replaced entire robotic arm (irreparable damage). Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	6353.4	Lindsey Acosta
2022-08-18 18:38:25	-162.802632	60.80148162	3.140673756	Recalibrated torque settings	Intervention: Recalibrated torque settings. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	53.34	Jordan Andrews
2023-04-27 4:02:32	-136.1192261	49.63625047	-42.51378917	Replaced entire robotic arm (irreparable damage)	Intervention: Replaced entire robotic arm (irreparable damage). Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	9779.61	Samuel Turner
2022-09-22 1:01:03	179.5085576	-88.17135718	-24.25158951	Adjusted joint velocity parameters	Intervention: Adjusted joint velocity parameters. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	112.66	Paul Lawson
2023-05-18 2:59:49	-166.5772004	-61.62243611	-26.7825108	Updated control software	Intervention: Updated control software. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	231.34	Dennis Brown
2023-03-04 20:13:06	151.6024453	-69.47121093	20.56706717	Updated control software	Intervention: Updated control software. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	271.84	Martha Evans
2022-09-10 4:43:13	99.47039982	-79.26226839	-21.40824284	Recalibrated torque settings	Intervention: Recalibrated torque settings. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	101.26	Aaron Moody
2022-11-05 16:52:15	-70.54093286	6.560603317	6.934980076	Cleaned dust from sensors	Intervention: Cleaned dust from sensors. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	29.63	Michael Smith
2023-05-28 21:58:45	-154.7817185	-71.17069157	-22.09292755	Routine check-up	Intervention: Routine check-up. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	83.99	John Johnson
2024-02-07 18:19:54	-163.3097414	-35.8354612	-18.55685281	Recalibrated torque settings	Intervention: Recalibrated torque settings. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	145.4	Megan Gonzalez
2023-05-03 6:17:31	111.6369129	25.77255075	29.04508714	Updated control software	Intervention: Updated control software. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	192.15	Jennifer Singh
2022-11-18 2:14:23	-86.03192383	-30.68011125	-2.666658498	Replaced power supply unit	Intervention: Replaced power supply unit. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	208.03	Jessica Palmer
2022-10-04 9:36:05	155.8632512	90.60581387	-36.80650576	Replaced motor for joint 2	Intervention: Replaced motor for joint 2. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	222.9	Shannon Rogers
2023-07-06 18:03:26	2.277687862	80.82708348	-41.22896043	Replaced entire robotic arm (irreparable damage)	Intervention: Replaced entire robotic arm (irreparable damage). Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	6171.21	Rebecca Hoffman
2022-12-11 8:21:48	-50.52145866	79.05045146	-1.10697861	Replaced motor for joint 2	Intervention: Replaced motor for joint 2. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	319.62	Amber Cook
2024-02-01 5:59:45	55.40624504	-51.13557721	-9.685268672	Cleaned dust from sensors	Intervention: Cleaned dust from sensors. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	10.36	Jamie Henderson
2022-09-29 10:57:10	136.7731876	-14.11088886	5.6780822	Recalibrated torque settings	Intervention: Recalibrated torque settings. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	111.84	Nicole Harris
2023-09-02 21:02:49	179.0528205	-95.67331701	11.66099859	Tightened loose bolts on base	Intervention: Tightened loose bolts on base. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	35.57	Timothy Reyes
2024-05-18 3:50:56	173.7505586	-88.60152582	19.93244815	Adjusted joint velocity parameters	Intervention: Adjusted joint velocity parameters. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	147.45	John Scott
2023-06-28 1:35:49	24.08182879	-40.56462183	-0.425825945	Tightened loose bolts on base	Intervention: Tightened loose bolts on base. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	46.14	Gabrielle Pearson MD
2023-12-28 8:34:15	-85.08980644	87.74191887	46.21176728	Updated control software	Intervention: Updated control software. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	184.83	Steve Suarez
2023-10-06 19:20:55	-19.02432842	-26.73715111	22.70241213	Cleaned dust from sensors	Intervention: Cleaned dust from sensors. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	25.23	Darren Sullivan
2023-03-09 19:02:43	-100.2134849	-72.7810858	13.90752743	Replaced motor for joint 2	Intervention: Replaced motor for joint 2. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	472.61	Tara Daniels
2023-07-06 5:26:25	13.46099004	-60.26083448	10.76934773	Replaced entire robotic arm (irreparable damage)	Intervention: Replaced entire robotic arm (irreparable damage). Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	6915.2	Paula Phelps
2024-11-12 14:01:22	35.55203803	-26.1240131	6.940433066	Updated control software	Intervention: Updated control software. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	113.45	Courtney Coleman
2024-01-15 10:43:44	32.36345478	-27.48835625	-21.162533528	Adjusted joint velocity parameters	Intervention: Adjusted joint velocity parameters. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	83.71	Thomas Hensley
2022-09-11 6:51:51	-72.42645679	-7.993111792	44.768169	Routine check-up	Intervention: Routine check-up. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	73.71	Christopher Fitzpatrick
2022-07-08 4:34:28	129.1133054	80.45607683	-22.97013966	Updated control software	Intervention: Updated control software. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	286.58	Kimberly Goodman
2023-10-29 21:51:00	-49.6471494	-40.14945374	12.91019317	Routine check-up	Intervention: Routine check-up. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	81.8	Robin Charles
2023-03-20 4:10:37	63.46669845	19.89954707	-12.00718171	Cleaned dust from sensors	Intervention: Cleaned dust from sensors. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	11.58	Michael Patterson
2023-10-13 8:12:20	-54.99647925	39.28129638	-24.77109127	Adjusted joint velocity parameters	Intervention: Adjusted joint velocity parameters. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	74.55	Michael Carlson
2023-01-21 2:45:13	29.26742925	28.51467202	7.4793435	Adjusted joint velocity parameters	Intervention: Adjusted joint velocity parameters. Performed a comprehensive check and recalibrated all parameters to ensure optimal performance. Documented all changes in the system log and verified correct operation post-intervention.	137.73	Ryan Johnson