

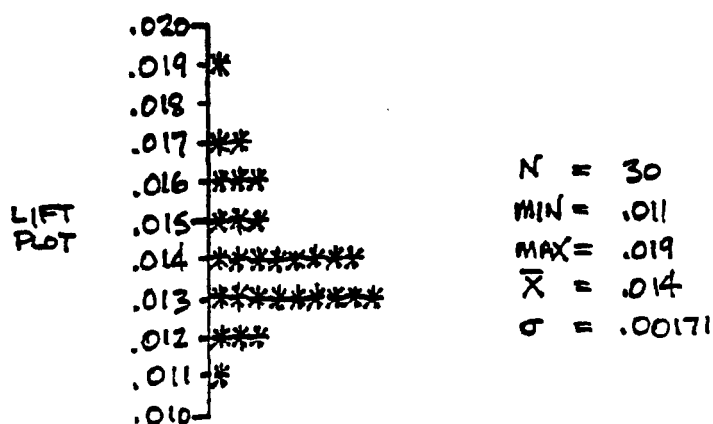
SEAR LIFT STUDY
M/788 NEW SAFETY DESIGN

R.L. JOY

10/29/82

30 TRIGGER ASSEMBLIES WITH NEW TYPE SAFETY AND DETENT SYSTEM WERE MEASURED FOR SEAR-LIFT ON DIAL BASE GAGE D-42455 WITH THE FOLLOWING RESULTS:

NO.	LIFT	NO.	LIFT
1	.019	16	.015
2	.013	17	.012
3	.014	18	.016
4	.017	19	.014
5	.015	20	.014
6	.017	21	.014
7	.013	22	.013
8	.015	23	.016
9	.013	24	.014
10	.014	25	.012
11	.012	26	.016
12	.014	27	.013
13	.013	28	.014
14	.013	29	.013
15	.011	30	.013



		Dry Com + Defect		GN Paste Lubricated Can Surface one Plunger Hk			
		ON	OFF	1-2-3-4			
Lubricated	1	.019	125	5.67	8.0	3.83	.019
	2	.012	7.91	4.83			
	3	.014	6.66	4.33	6.33	3.75	
	4	.017	12.17	5.5	7.75	4.83	.017
	5	.015	9.58	5.0			
	6	.017	16.75	5.0	8.75	4.66	.017
	7	.013	9.17	4.25			
	8	.015	8.92	5.92			
	9	.013	8.25	6			
	10	.014	9.17	4.33			
	11	.012	8.83	5.92	7.41	3.17	
	12	.014	8.25	4.67			
	13	.013	9.0	4.42			
	14	.013	7.83	5.75	7.83	2.83	
	15	.011	8.33	5.5			
	16	.015	10.16	5.33	9.25	4	.015
	17	.012	8.33	5.17	9.25	4	.012
	18	.016	10.25	5.0			
	19	.014	9.67	5.0			
	20	.014	8.08	5.17			
	21	.014	8.33	4.75			
	22	.013	8.58	5.0			
	23	.015	9.0	4.67			.015
	24	.014	9.42	5.0			
	25	.012	8.08	4.67			
	26	.016	9.92	5.33			.016
	27	.013	9.0	4.50			
	28	.014	11.42	4.33			
	29	.013	9.0	5.08			
	30	.013	8.92	5.08			
		9.12 Avg	4.87 Avg	UNLUBRICATED			
		8.79 Avg	4.76 Avg	LUBRICATED			