

PROJECT# 2410 D.A.T. 2

TLW 0010E

SEAR/TRIGGER ENGAGEMENT AND SEAR LIFT

MEASUREMENTS BY JESSE ARNOLD

GUNS B-1 TO B-20 ARE REPLACEMENT GUNS

GUNS B-21 TO B-30 WERE SELECTED FROM THE ORIGINAL 30 GUNS

SEAR/TRIGGER ENGAGEMENT					SPEC= .020 TO .025			
GUN#	1	2	3	AVERAGE				
B-1	0.0206	0.0214	0.0211	0.0210				
B-2	0.0256	0.0247	0.0258	0.0254				
B-3	0.0253	0.0255	0.0239	0.0249				
B-4	0.0236	0.0241	0.0252	0.0243				
B-5	0.0219	0.0223	0.0225	0.0222				
B-6	0.0239	0.0241	0.0249	0.0243				
B-7	0.0278	0.0269	0.0278	0.0275				
B-8	0.0245	0.0249	0.0247	0.0247				
B-9	0.0212	0.0214	0.0233	0.0220				
B-10	0.0254	0.0249	0.0248	0.0250				
B-11	0.0227	0.0238	0.0231	0.0232				
B-12	0.0201	0.0199	0.0197	0.0199				
B-13	0.0249	0.0247	0.0249	0.0248				
B-14	0.0227	0.0234	0.0219	0.0227				
B-15	0.0249	0.0248	0.0247	0.0248				
B-16	0.0252	0.0248	0.0249	0.0250				
B-17	0.0249	0.0247	0.0248	0.0248				
B-18	0.0248	0.0247	0.0253	0.0249				
B-19	0.0212	0.0222	0.0231	0.0222				
B-20	0.0249	0.0237	0.0239	0.0242				
B-21	0.0238	0.0241	0.0239	0.0239				
B-22	0.0247	0.0248	0.0246	0.0247				
B-23	0.0247	0.0248	0.0241	0.0245				
B-24	0.0256	0.0239	0.0238	0.0244				
B-25	0.0268	0.0262	0.0268	0.0266				
B-26	0.0241	0.0241	0.0239	0.0240				
B-27	0.0246	0.0252	0.0248	0.0249				
B-28	0.0251	0.0248	0.0246	0.0248				
B-29	0.0258	0.0261	0.0256	0.0258				
B-30	0.0242	0.0247	0.0239	0.0243				

SEAR LIFT				SPEC= .006 TO .018			
1	2	3	AVERAGE				
0.0169	0.0171	0.0168	0.0169				
0.0167	0.0169	0.0167	0.0168				
0.0169	0.0168	0.0159	0.0165				
0.0159	0.0162	0.0141	0.0154				
0.0178	0.0169	0.0156	0.0168				
0.0186	0.0188	0.0187	0.0187				
0.0172	0.0179	0.0182	0.0178				
0.0154	0.0153	0.0159	0.0155				
0.016	0.0163	0.0161	0.0161				
0.0149	0.0147	0.0134	0.0143				
0.0155	0.0151	0.0143	0.0150				
0.0152	0.0154	0.0152	0.0153				
0.0181	0.0167	0.0166	0.0171				
0.0172	0.0164	0.0166	0.0167				
0.0179	0.0167	0.0172	0.0173				
0.0151	0.0154	0.0162	0.0156				
0.0167	0.0168	0.0171	0.0169				
0.016	0.0163	0.0152	0.0158				
0.0171	0.0169	0.0164	0.0168				
0.0174	0.0172	0.0162	0.0169				
0.0161	0.0168	0.0166	0.0165				
0.0112	0.0116	0.0114	0.0114				
0.0121	0.0127	0.0117	0.0122				
0.0179	0.0183	0.0178	0.0180				
0.0175	0.0176	0.0174	0.0175				
0.0171	0.0172	0.0174	0.0172				
0.014	0.0141	0.0142	0.0141				
0.0179	0.0177	0.0164	0.0173				
0.0128	0.0125	0.0128	0.0127				
0.0132	0.0141	0.0137	0.0137				