

710, 270 TRAIL & PILOT SERIES- A

PRELIMINARY MEASUREMENTS & CHECKS

PROOF TEST & MAGNAFLUX COMPLETED AT MAYFIELD

TEST LAB TRACKING NUMBER- TLW0407

GUN ID #	SERIAL NUMBER	HEADSPACE REM. SPEC GAUGES	FIRING PIN INDENT V/ COPPER CRUSHERS				SEAR TO TRIGGER ENGAGEMENT				SEAR LIFT				TRIGGER PULL WITH SP	
			TLW0407H GUNS A11-A20				TLW0407J out of stock @ 20X, ALL GUNS				TLW0300I out of stock @ 20X, ALL GUNS				TLW0407J IN STOCK, ALL	
			1	2	3	AVERAGE	1	2	3	AVERAGE	1	2	3	AVERAGE	1	2
A-1	7100	MIN.+.00					0.0246	0.0251	0.0244	0.0247	0.0163	0.0156	0.0162	0.0161	4	4.25
A-2	7100	MIN.+.00					0.0294	0.0301	0.0297	0.0297	0.0155	0.0148	0.0159	0.0154	4.25	4.25
A-3	7100	MIN.+.00					0.0277	0.0269	0.0268	0.0271	0.0148	0.0152	0.0146	0.0149	4.5	4
A-4	7100	MIN.+.00					0.0271	0.0277	0.0272	0.0273	0.0163	0.0155	0.0169	0.0162	4.25	4.25
A-5	7100	MIN.+.00					0.0253	0.0249	0.0252	0.0251	0.0152	0.0146	0.0143	0.0147	4.5	4.5
A-6	7100	MIN.+.00					0.0258	0.0252	0.0258	0.0256	0.0169	0.0167	0.0168	0.0168	5	5.25
A-7	7100	MIN.+.00					0.0277	0.0286	0.0286	0.0283	0.0142	0.0146	0.0141	0.0143	4.75	4.75
A-8	7100	MIN.+.00					0.0288	0.0271	0.0269	0.0269	0.0153	0.0162	0.0156	0.0157	4.5	4.25
A-9	7100	MIN.+.00					0.0239	0.0241	0.0242	0.0241	0.0138	0.0136	0.0135	0.0136	5.25	4.75
A-10	7100	MIN.+.00					0.0252	0.0249	0.0251	0.0251	0.0162	0.0159	0.0164	0.0162	4	4.5
A-11	7100	MIN.+.00	0.016	0.017	0.016	0.0163	0.0286	0.0258	0.026	0.0261	0.0155	0.0161	0.0164	0.0160	3.75	4.25
A-12	7100	MIN.+.00	0.017	0.017	0.017	0.0170	0.0271	0.0268	0.0275	0.0271	0.0164	0.017	0.0183	0.0166	4.25	4.75
A-13	7100	MIN.+.00	0.018	0.018	0.018	0.0180	0.0301	0.0299	0.0303	0.0301	0.017	0.0171	0.017	0.0170	4	4
A-14	7100	MIN.+.00	0.016	0.016	0.016	0.0160	0.0269	0.0271	0.0278	0.0273	0.0161	0.0162	0.0157	0.0160	4.25	4.75
A-15	7100	MIN.+.00	0.017	0.016	0.016	0.0163	0.0252	0.0242	0.0244	0.0246	0.0146	0.015	0.0141	0.0146	4	4
A-16	7100	MIN.+.00	0.018	0.017	0.018	0.0177	0.0264	0.0262	0.026	0.0262	0.0172	0.0181	0.0177	0.0177	4.25	4.5
A-17	7100	MIN.+.00	0.018	0.017	0.017	0.0173	0.0291	0.0267	0.0295	0.0291	0.0159	0.0161	0.016	0.0160	4.25	4
A-18	7100	MIN.+.00	0.017	0.017	0.016	0.0167	0.0263	0.0262	0.0268	0.0264	0.0149	0.0151	0.0152	0.0151	4	4
A-19	7100	MIN.+.00	0.018	0.018	0.018	0.0180	0.0306	0.0317	0.0309	0.0311	0.0169	0.0166	0.0168	0.0168	4.25	4.5
A-20	7100	MIN.+.00	0.018	0.017	0.017	0.0173	0.0301	0.0297	0.0299	0.0299	0.0158	0.0161	0.016	0.0160	5	5
A-21	7100	MIN.+.00					0.0302	0.0299	0.0306	0.0302	0.0135	0.0134	0.013	0.0133	4.5	4.75
A-22	7100	MIN.+.00					0.0286	0.028	0.0287	0.0284	0.0158	0.0158	0.0161	0.0159	4.25	4.75
A-23	7100	MIN.+.00					0.0301	0.0299	0.0307	0.0302	0.0149	0.0144	0.0147	0.0147	4	3.75
A-24	7100	MIN.+.00					0.0289	0.0297	0.0293	0.0293	0.0142	0.0144	0.0141	0.0142	4	5
A-25	7100	MIN.+.00					0.0301	0.0306	0.0309	0.0305	0.0133	0.0141	0.0137	0.0137	4.5	4
A-26	7100	MIN.+.00					0.0273	0.0274	0.0272	0.0273	0.0175	0.0182	0.0186	0.0181	4.25	4.5
A-27	7100	MIN.+.00					0.0282	0.0269	0.0281	0.0264	0.0155	0.0161	0.0157	0.0158	4	4.75
A-28	7100	MIN.+.00					0.0315	0.0317	0.0301	0.0311	0.0183	0.0174	0.0171	0.0176	4	4
A-29	7100	MIN.+.00					0.0299	0.0297	0.0299	0.0298	0.0185	0.0179	0.0182	0.0182	5	4.75
A-30	7100	MIN.+.00					0.0286	0.0279	0.0284	0.0283	0.0167	0.0166	0.0167	0.0167	4	4
TEST AVERAGE			0.0171				TEST AVERAGE 0.02780				TEST AVERAGE 0.0164				TES	
SAAMI MIN. = .017							SPEC. = .020 TO .025				SPEC. = .006 TO .018				SPEC. = 4.0	

BLUE INDICATES BELOW SPEC RED INDICATES ABOVE SPEC													
RING SCALE		TRIGGER PULL WITH SPRING SCALE				SAFE ON FORCES				SAFE OFF FORCES			
L GUNS	LBS.	TLW0407J OUT OF STOCK, ALL GUNS				TLW0407K GUNS A11-A20				TLW0407K GUNS A11-A20			
3 AVERAGE		1	2	3	AVERAGE	1	2	3	AVERAGE	1	2	3	AVERAGE
4.25	4.17	4.5	4.25	4.5	4.42				#DIV/0!				#DIV/0!
4.25	4.25	4	4	4.25	4.08				#DIV/0!				#DIV/0!
4.5	4.33	4.25	4.5	4.25	4.33				#DIV/0!				#DIV/0!
4.5	4.33	4.5	4.5	4.5	4.50				#DIV/0!				#DIV/0!
4.25	4.42	4.25	4.5	4.25	4.33				#DIV/0!				#DIV/0!
5	5.08	5.5	5.25	5	5.25				#DIV/0!				#DIV/0!
5	4.83	4.75	5	4.75	4.83				#DIV/0!				#DIV/0!
4.5	4.42	4.5	4.25	4.5	4.42				#DIV/0!				#DIV/0!
4.5	4.83	4.75	5.5	4.5	4.92				#DIV/0!				#DIV/0!
4.75	4.42	4.5	4.25	4.25	4.33				#DIV/0!				#DIV/0!
4.25	4.08	4	4.25	4.25	4.17	4.76	5.25	5.46	5.16	3.46	3.24	3.5	3.40
4.5	4.50	4.5	4.5	4.5	4.50	5.1	5.28	5.44	5.27	3.65	3.66	3.62	3.62
3.75	3.92	4	4.5	4	4.17	6.76	6.42	6.36	6.62	3.34	3.36	3.4	3.37
4.5	4.50	4.5	4.5	4.75	4.58	5.04	5.56	5.18	5.26	3.36	3.36	3.4	3.34
4.25	4.08	4.25	4	4.5	4.26	6.42	6.72	6.36	6.50	3.66	3.26	3.64	3.53
4.25	4.33	4.5	5	4.5	4.67	6.26	6.1	6.24	6.20	2.42	2.66	2.72	2.60
4	4.08	4.5	4	4	4.17	6.6	6.66	6.94	6.73	3.94	3.26	3.62	3.61
4	4.00	4	4.5	4.25	4.25	7.24	6.96	6.78	6.99	2.96	2.96	3.04	2.99
4.75	4.50	4.25	4.25	4.25	4.25	6.48	5.6	5.52	5.87	3.42	3.24	3.04	3.23
5.25	5.08	5.5	5	4.75	5.08	6.72	6.79	6.88	6.80	3.5	2.88	3.46	3.28
4.5	4.58	5.25	5.5	5	5.25				#DIV/0!				#DIV/0!
4.5	4.50	4	4.5	4.5	4.33				#DIV/0!				#DIV/0!
3.75	3.83	4	3.75	4.25	4.00				#DIV/0!				#DIV/0!
4.5	4.50	5	5.25	4.75	5.00				#DIV/0!				#DIV/0!
4.25	4.25	5	5	4.75	4.92				#DIV/0!				#DIV/0!
4.5	4.42	4	4.25	5	4.42				#DIV/0!				#DIV/0!
4.5	4.42	4.5	4.5	4.75	4.58				#DIV/0!				#DIV/0!
4	4.00	4	4.5	4	4.17				#DIV/0!				#DIV/0!
4.5	4.75	4.75	4.5	4.5	4.58				#DIV/0!				#DIV/0!
4.5	4.17	4.5	4.5	4.25	4.42				#DIV/0!				#DIV/0!
TEST AVERAGE	4.39	TEST AVERAGE				TEST AVERAGE				TEST AVERAGE			
TO 5.5 LBS.		SPEC.= 4.0 TO 5.5				SAAMI MIN.= 1 LB.				SAAMI MIN.= 1 LB.			

FIRING PIN HEAD TO SEAR ENGAGEMENT TLW0407N ALL GUNS		BOLT STOP & RELEASE FUNCTION TEST TLW0407Q GUNS A11-A20	
measurement method		STOP FUNCTION	
produces a dimension range		RELEASE DETENT	
.064	.075		
.069	.080		
.063	.074		
.067	.078		
.067	.078		
.068	.079		
.071	.082		
.072	.083		
.083	.079		
.083	.079	PASS	4.21
.086	.078	PASS	4.62
.086	.077	PASS	5.22
.086	.077	PASS	4.64
.087	.078	PASS	4.66
.088	.079	PASS	4.71
.067	.078	PASS	5.18
.068	.080	PASS	4.64
.067	.078	PASS	4.61
.065	.076	PASS	4.58
.067	.078		
.068	.079		
.068	.079		
.067	.078		
.069	.080		
.061	.073		
.067	.079		
.066	.077		
.069	.080		
.070	.081		