

From: Norton, Vince
Sent: Wednesday, February 25, 2009 11:26 AM
To: Boyles, Derek
Subject: MODEL 770 SAFETY DETENT SPRING

Derek,
 I just got in the latest version of the safety detent spring and the results are below. The overall average of safety on forces for this version is 4.85 lbs. That is around $\frac{3}{4}$ of a pound more than the DAT samples and around $\frac{1}{2}$ pound more than the current fire control on average. With this new spring there is no play in the safety arm in the in either the safe or fire position like we had with previous versions. I recommend that we use this spring in the new fire control going forward. I have 190 pieces of this spring on hand to use in T&P.

FC#1			FC#2		
	On	Off		On	Off
1	5.05	3.55	1	2.95	2.87
2	5.15	4.61	2	3.21	3.07
3	5.45	3.46	3	2.97	2.78
avg	5.22	3.87	avg	3.04	2.91

FC#3			FC#4		
	On	Off		On	Off
1	3.8	3.26	1	5.21	3.21
2	4.17	3.23	2	4.73	3.25
3	3.96	3.14	3	4.71	3.08
avg	3.98	3.21	avg	4.88	3.18

FC#5			FC#7		
	On	Off		On	Off
1	5.59	2.96	1	5.97	2.8
2	5.56	2.89	2	6.11	3.12
3	5.03	2.81	3	5.84	2.79
avg	5.39	2.89	avg	5.97	2.90

FC#8			FC#9		
	On	Off		On	Off
1	5.41	2.81	1	4.5	3.36
2	5.61	3.06	2	4.88	3.5
3	5.52	3.3	3	5.13	3.77
avg	5.51	3.06	avg	4.84	3.54

Overall Average 4.85

Vince Norton

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