
From: Norton, Vince
Sent: Tuesday, January 13, 2009 3:08 PM
To: Vicars, Gerald
Cc: Boyles, Derek
Subject: RE: CURRENT 770 FIRE CONTROL

I'm sure that then can be. I would say that the easiest thing to do would be to redesign the safety detent spring. Derek and I had talked about going down .001" on the wire diameter and see if we couldn't get some prototypes made. The spring that is in there now is the X-mark pro spring and would be nice if we could add-use it but if not then we can do a unique spring for this model. I think that the safety forces should be brought in line with current product.
Vince

From: Vicars, Gerald
Sent: Tuesday, January 13, 2009 1:07 PM
To: Norton, Vince; James, Will
Cc: Boyles, Derek
Subject: FW: CURRENT 770 FIRE CONTROL

Vince,
Can the required operational forces be brought into parity with existing fire controls? Is this acceptable? If not, what are our options?

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From: Boyles, Derek
Sent: Tuesday, January 13, 2009 11:29 AM
To: Tipton, Don; Vicars, Gerald
Subject: FW: CURRENT 770 FIRE CONTROL

FYI...there is a big difference b/w current F/C and the new one. DAT test data from Oct '07 shows the safety on force at 3 – 5.8 lbs.

Regards,

Derek Boyles
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From: Norton, Vince
Sent: Monday, January 12, 2009 4:18 PM

To: Boyles, Derek
Subject: CURRENT 770 FIRE CONTROL

Here is data for safety on/off forces for 5 current model 770 fire controls. The new one is certainly higher; by more than 2x in some cases.

A			50 round level.			100 round level.		
	Off	On		Off	On		Off	On
1	1.82	4.02	1	2.26	3.90	1	2.34	3.94
2	2.06	4.52	2	2.26	3.96	2	2.34	4.08
3	1.86	4.02	3	1.82	3.94	3	2.14	4.22
avg	1.91	4.19	avg	2.11	3.93	avg	2.27	4.08

B			50 round level.			100 round level.		
	Off	On		Off	On		Off	On
1	1.80	4.82	1	1.74	4.06	1	2.52	4.28
2	1.70	4.06	2	2.16	4.72	2	2.34	4.14
3	1.76	4.02	3	2.12	4.14	3	2.24	4.16
avg	1.75	4.30	avg	2.01	4.31	avg	2.37	4.19

C			50 round level.			100 round level.		
	Off	On		Off	On		Off	On
1	2.48	4.68	1	2.20	4.36	1	2.10	4.80
2	2.10	4.62	2	1.76	4.70	2	1.86	4.66
3	1.88	4.72	3	1.74	4.64	3	1.86	4.86
avg	2.15	4.67	avg	1.90	4.57	avg	1.94	4.77

D			50 round level.			100 round level.		
	Off	On		Off	On		Off	On
1	1.48	4.10	1	1.70	4.16	1	1.76	4.36
2	1.70	3.92	2	1.74	3.96	2	1.74	4.10
3	1.48	3.72	3	1.66	4.30	3	1.68	4.52
avg	1.55	3.91	avg	1.70	4.14	avg	1.73	4.33

E			50 round level.			100 round level.		
	Off	On		Off	On		Off	On
1	1.52	4.10	1	1.60	3.98	1	1.72	4.42
2	1.70	4.30	2	1.48	4.16	2	1.76	4.48
3	1.58	4.10	3	1.52	3.98	3	1.70	4.50
avg	1.60	4.17	avg	1.53	4.04	avg	1.73	4.47

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