

## Jay Bunting

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**From:** Perniciaro, Stephen  
**Sent:** 06/28/2004 11:52:59 AM  
**To:** Diaz, Danny; Millner, Tommy; Cahan, Paul L.; Bristol II, Ronald H; Little, Mark; Bunting, Jay; Trull, John  
**CC:** Mead, Joseph P.; Doolittle, James F.; Ronkainen, Jim  
**BCC:**  
**Subject:** RE: New M700 Fire Control

Danny,

My comments are Bold Italics in the body of the message below.

Steve P.

-----Original Message-----

**From:** Diaz, Danny  
**Sent:** Monday, June 21, 2004 10:50 AM  
**To:** Perniciaro, Stephen; Millner, Tommy; Cahan, Paul L.; Bristol II, Ronald H; Little, Mark; Bunting, Jay; Trull, John  
**Cc:** Mead, Joseph P.; Doolittle, James F.; Ronkainen, Jim  
**Subject:** RE: New M700 Fire Control

I have some issues with the minutes. My comments are in **RED** in the body of the message below.

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**From:** Perniciaro, Stephen  
**Sent:** Friday, June 18, 2004 5:15 PM  
**To:** Millner, Tommy; Cahan, Paul L.; Bristol II, Ronald H; Little, Mark; Diaz, Danny  
**Cc:** Mead, Joseph P.; Doolittle, James F.; Ronkainen, Jim  
**Subject:** New M700 Fire Control  
Gentlemen,

I reviewed the telephone conversation we had about the new M700 SPL fire control.

I believe that the objectives, due dates and responsible people below accurately reflect that conversation.

Steve P.

**Objectives:**

1. Update time line with June 2005 or earlier production as the goal. Time line is to be completed by 7/1/04. Doolittle
2. Re calculate cost analysis by 7/1/04. Doolittle
3. Re calculate piece price on SPL as follows: Doolittle
  1. The plating/coloring of the components in the new fire control are to be the same as in the present fire control. Parts that are plated presently stay plated in the new fire control. Parts that are black oxide colored stay black oxide colored. I understood that our objective was replicating the current M/700 trigger and sear in an attempt to maintain improved finish. Before we remove the plating on side plates, blocker and safety I would like to understand the total cost implication. The cost to plate each component is about \$0.12 each. Not a lot of money but it does involve tracking and shipping parts in and out plus some potential reaming of holes to maintain diameters.
  2. The trigger and sear finish process is changed to 32Ra max. The current M/700 specification on

both trigger and sear is 16Ra, which I thought we felt we could hold absent plating. The drawing does say 16 Ra, but our measurements of actual parts shows some parts in the high 20's. We are anticipating that normal deviation will yield some parts up to 32 Ra.

3. 4 ½ to 5 ½ pound trigger pull on the new fire control.

4. Submit a capital appropriation request for the new fire control project by 7/1/04. Doolittle

5. E-town to evaluate the trigger pull with the following configurations. Diaz: Etown R&D will assemble firecontrols and guns as necessary, but Marketing is doing the evaluation. I believe the sample size was one each. R&D does not have three of any SKU from DAT. We could supply 2 Varmint Rifles in .223 if need be, but again I thought we were doing one each.

Whatever the number of guns is adequate for Marketing review is ok.

1. Three Varmint Rifles with original DAT fire controls.

2. Three Varmint Rifles with the same SKU as in (a) from OHL with the present fire control.

3. Three Varmint Rifles with the same SKU as in (a) with three triggers and three sears at a 27Ra built into the new fire control. Doolittle to provide triggers and sears. 16Ra or 27Ra?

Per paragraph 2 above we are making them more towards the worse case.

(We are going to try to improve our existing finish and get us down to 16 Ra or better.)

Stephen Perniciaro, P.E., CMfgE  
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