

*Remington.*



**REMINGTON ARMS COMPANY, INC.**

SPORTING ARMS-AMMUNITION-TARGETS-TRAPS

ILION, NEW YORK 13357

TELEPHONE (315) 894-9961

March 4, 1985

Mr. Frank Glenn  
Accuracy Unlimited  
16036 N. 49th Ave.  
Glendale, AZ 85306

Dear Frank:

It was a real pleasure talking with you during my visit to Phoenix. From my position in our research department I seldom have the opportunity to travel and talk with individuals as knowledgeable as yourself. Your interest in firearms was readily apparent and I enjoyed our discussion.

Upon my return I spoke with the engineers responsible for the flexitab design, Tom Bauman and Adam Hugick. I explained your solution to them and here are their feelings.

The primary jam occurs when the feeding shell is trapped between the slide block and the carrier. Your solution does not address this problem. As the action is cycled with a jammed shell and your design, the binding problem can become progressively worse as the jammed shell rides rearward up the carrier and is pinched against the slide block. The flexitab carrier alleviates this problem by giving the jammed shell someplace to go. Although I saw that your solution seems to work well, a variation in component dimensions still exists that can cause an incurable jam. As we discussed, a larger sample may have shown this.

If you are agreeable, to verify these conclusions rather than modify a bolt and slide block from my memory, I have enclosed two of each for you to re-work. We will then assemble a worst case jam condition and try your design.

The secondary jam occurs when the trapped shell is caught by the bolt as it is stroked rearward. Your solution has very effectively clears this jam.

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In regard to your 1100 malfunctions I may have some answers for you. In the case where the feeding shell is left on the carrier I believe the carrier latch is relatching. As I said, the "latch-latch" carrier (part number 26877) should solve your problem. I have enclosed a couple for you to try. The problem of the action closing on an empty chamber could simply be a short stroke: long enough to eject the empty case but not enough to lock open so the next round can feed. What ammo caused the problem?

I am looking forward to your reply. If you will modify the 870 parts I certainly will get back to you with the results. If you have any questions or problems, please don't hesitate to call.

Sincerely,

Randy Murphy

sps

Enclosures  
bolt  
slide block  
carriers