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To: Steve Bishop  
6/12/95 SM

## Chronology on Fire Control Work

- SEPT/OCT 1994: HASKIN CONTACTS MARTIN AND LEARNS OF OLD PROTOTYPES IN MARTIN'S DESK
- OCT 8: MARTIN VIDEOS CURRENT PRODUCTION FIRE CONTROL LOOKING FOR CONNECTOR MOVEMENT -- NONE IS DISCERNIBLE
- OCT: MARTIN BEGINS DESIGN OF NEW FIRE CONTROL BASED ON OLD PROTOTYPE
- NOV 10: HASKIN AND HANCOCK TEST FIRE 270 WIN WITH LOCAL POLICE DEPT AT FORT KNOX RANGE (TWO GUNS)
  - 1. CURRENT PRODUCTION CONTROL
  - 2. LOW PLUNGER FIRE CONTROL MADE IN ILION MODEL SHOP INSTALLED IN STANDARD MOD 700 RIFLE
- DEC 7: MEETING WITH TOMMY, SAM, AND BOB TO SET FIRE CONTROL DESIGN REQUIREMENTS (WILMINGTON/SAM BY PHONE)
- DEC: MARTIN COMPLETED ~ 10 PROTOTYPES MADE IN ILION MODEL SHOP -- ASSEMBLIES LOCKED UP AND DID NOT WORK -- FOUND OUT LATER THAT THE PARTS WERE NOT MEASURED AND NO TOLERANCE ANALYSIS STUDY WAS DONE -- PARTS WERE MEASURED AFTER DISASSEMBLY AND WERE FOUND TO BE OUT OF SPECIFICATION -- NEW PARTS WERE ORDERED FROM SAME DESIGN
- JAN 4, 1995: ISSUED LETTER ON DESIGN REQUIREMENTS
- JAN 13, 1995: FULLY MEASURED PROTOTYPES ASSEMBLED IN ILION -- ALL PARTS WITHIN SPECIFICATIONS -- ASSEMBLIES LOCKED UP IN TEST -- 3 FIRE CONTROLS ASSEMBLED AND ALL 3 LOCKED UP
- JAN 16: STARTED MULTIFOLD APPROACH
  - 1. CONTINUE LOW PLUNGER TO UNDERSTAND FAILURE
  - 2. START FINDLAY ON HIGH PLUNGER DESIGN
  - 3. START KEENEY AND SCHLUCKEBIER ON OTHER ALTERNATIVES (RENSI HOOK, HANCOCK CABLE, BARNES, ETC.)

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- JAN 21: MEETING IN LAS VEGAS TO DISCUSS FIRE CONTROL STATUS -- DECISION TO NOT SKELETONIZE SIDEPLATES
  - JAN 24: REVIEW DESIGNS WITH CONSULTANT DON ROLPH
  - JAN 27: MEETING WITH BARD IN E-TOWN REVIEWED DESIGNS
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- JAN 30: OFFICIALLY DISCONTINUED WORK ON HOOK DESIGN, CABLE DESIGN -- TOLD HASKIN, RENSI, AND MILLNER THAT TWO MAIN DESIGNS HAVE EVOLVED
    1. HIGH PLUNGER
    2. TRIGGER BOW PINPROTOTYPES OF BOTH MADE IN KENTUCKY WITH TESTING DONE IN ILION
  - MARCH 29, 1995: FIRE CONTROL DESIGN REVIEW HELD IN E-TOWN -- ALL DATA FROM TESTING PRESENTED AND DISCUSSED -- CONSENSUS FROM GROUP WAS TO GO WITH HIGH PLUNGER DESIGN
  - APRIL 27: MEETING IN WILMINGTON WITH TOMMY, BOB, BARD, SAM, AND TONY -- CHANGE OF DIRECTION OF FIRE CONTROL DESIGN -- STOP ALL WORK ON PLUNGER AND PIN DESIGNS AND REDESIGN EXISTING FIRE CONTROL WITH NEW SET OF DESIGN REQUIREMENTS
  - MAY 16: ISSUED NEW DESIGN REQUIREMENT LETTER
  - MAY 19: 3 POSSIBLE SIDEPLATE DESIGN PROTOTYPES SENT TO HASKIN IN ARIZONA
  - MAY 23: RENSI REVIEWED SIDEPLATE DESIGNS
  - MAY 30: CHOSE DESIGN FOR SIDEPLATE
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