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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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