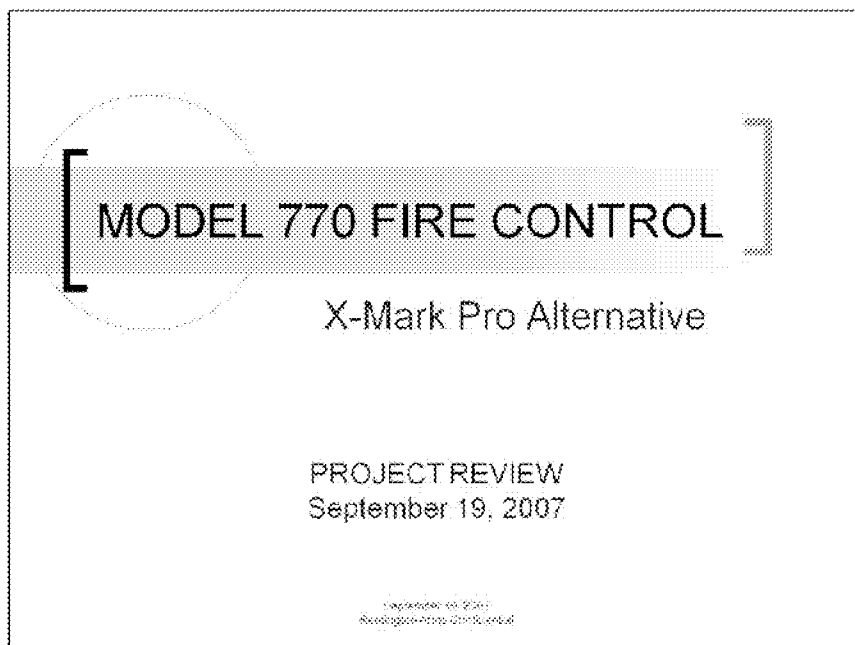




## [ Design Objectives ]

- Design a less expensive alternative to the X-Mark Pro for the Model 770
  - Block trigger when gun is in safe
  - Remove the connector
  - Balance trigger

September 16, 1997  
Remington-Union City, Indiana

## [ Design Approach ]

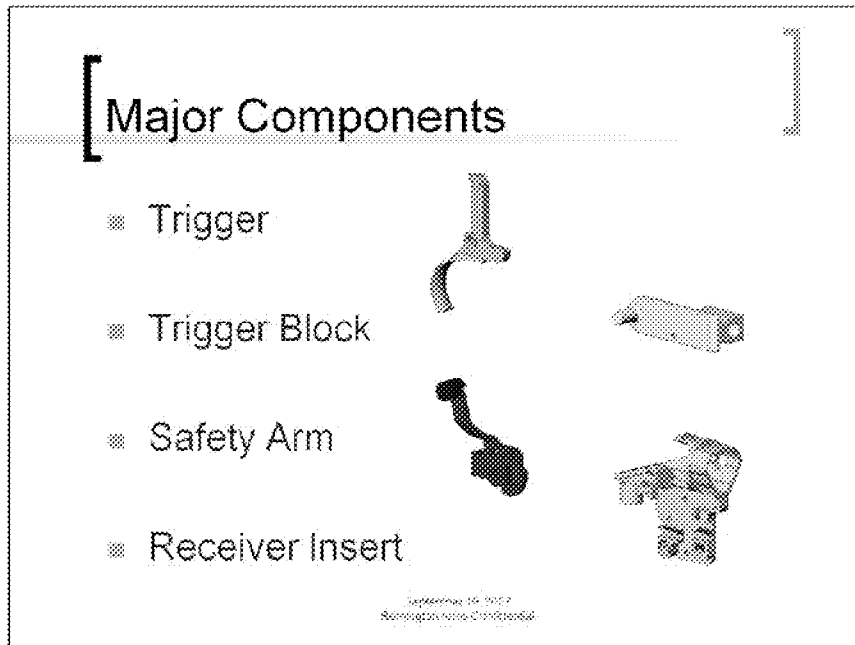
- Add as few new parts as possible
  - Total part count is unchanged
- Keep the current plastic receiver insert with modifications
- Utilize a proven safety design
  - X-Mark Pro safety arm
- Provide an adjustable, translating trigger block

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Remington Arms Company LLC

## [ Part Breakdown ]

- New Parts
  - Trigger Block
  - Trigger Block Screw
- Modified or Substituted Parts
  - Receiver Insert
  - Side Plate
  - Trigger
  - Safety Arm (possibly X-Mark Pro)
  - Safety Detent Spring (possibly X-Mark Pro)
  - Safety Pivot Pin
  - Engagement Screw
- Obsolete Parts
  - Over Travel Screw
  - Connector

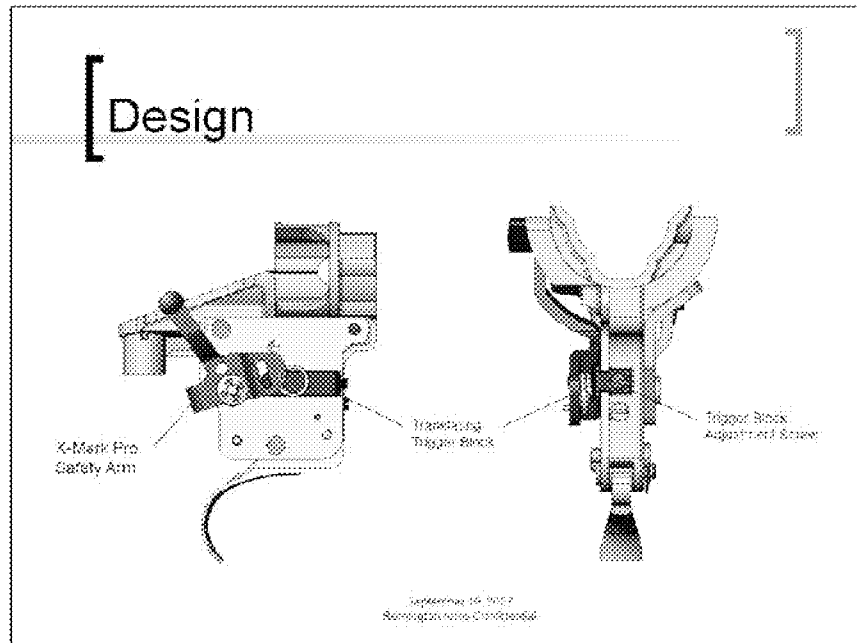
September 16, 2017  
Remington Arms Company

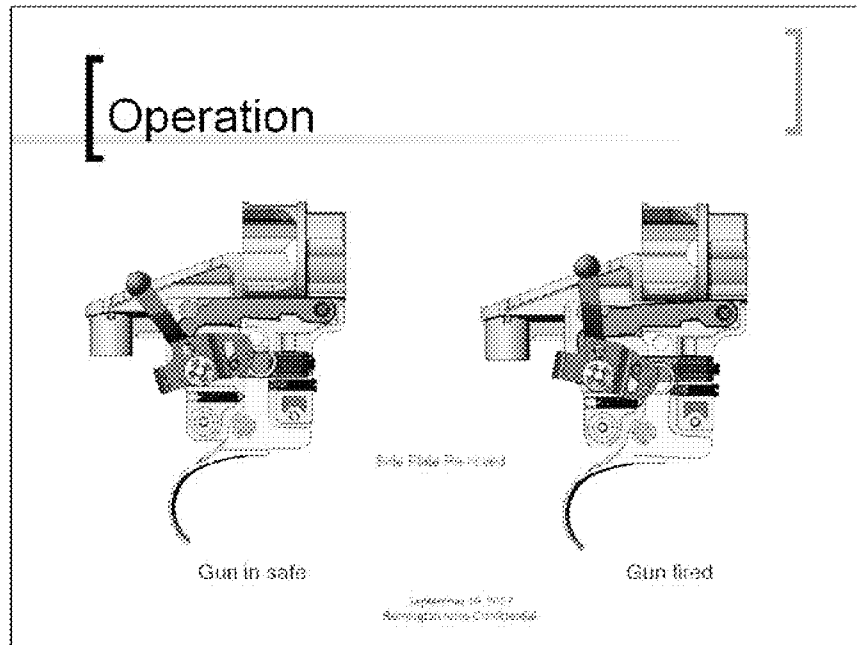


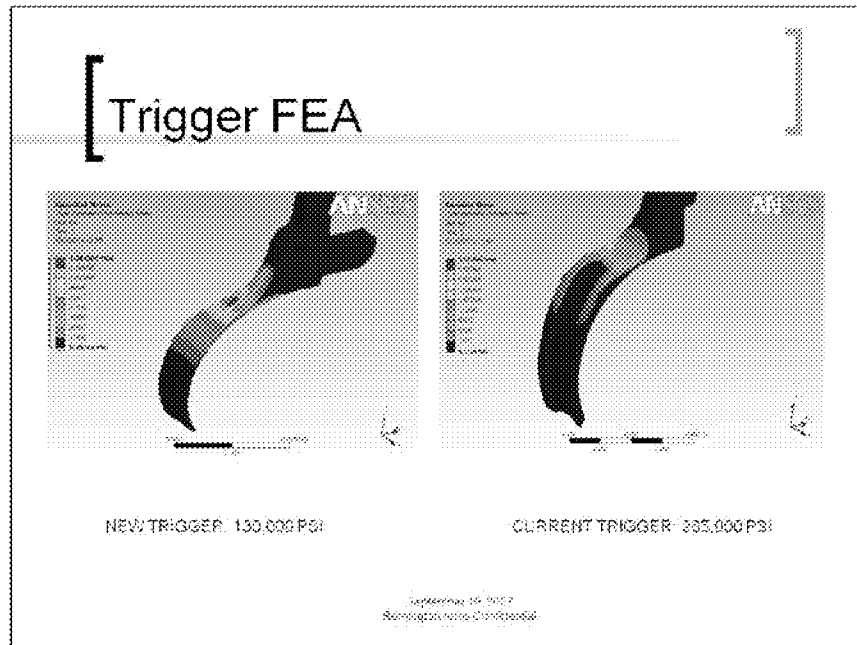
## [ Tooling Required ]

- ※ Receiver Insert
  - New injection molding tool
  - Possibly can modify existing tooling
- ※ Trigger and Trigger Block
  - New MIM tool required for both
- ※ Side Plate
  - New stamping tool
  - Possibly can modify existing tooling
- ※ Safety Arm
  - New stamping tool
  - Possibly can add use X-Mark Pro safety arm

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Remington Arms Company, Inc.







## [ Current Status ]

- DAT parts procurement
  - 15 Model 770's to be built for DAT
  - 30 Receiver Insert Assemblies (Fire Controls) to be built. Includes extras for drop testing.
  - Trigger engagement surfaces currently being ground. Fire controls can be assembled after this is completed.

September 16, 1957  
Remington Arms Company

## [ Action Items ]

| Action Item              | Status    | Responsible     | Due Date |
|--------------------------|-----------|-----------------|----------|
| Production Cost Estimate | Completed | Vicars/Chamlee  | 8/21/07  |
| Write DAT Test Plan      | Completed | Norton/Test Lab | 8/24/07  |
| Build DAT guns           | Pending   | Norton/Mayfield | 9/25/07  |

September 19, 2007  
Remington Arms Company, Inc.

## [ Schedule ]

- DAT (15 guns)
  - DAT parts ordered - July 31, 2007
  - DAT gun build - September 25, 2007
  - Complete DAT – October 12, 2007

September 10, 2007  
Remington Arms Company