

**REMINGTON ARMS COMPANY, INC.**  
**Product Team Meeting Agenda**  
**September 4, 2003 Ilion Meeting (7:30 a.m.)**

**Future Meetings**

Dec 2            Madison

**Future Important Dates**

Oct. 16-19, 2003	Writer's Seminar (Daniels, West Virginia)
Nov. 1-3, 2003	Sales Meeting (Greensboro, NC)
Feb 12-15, 2004	SHOT Show (Las Vegas, NV)

**Business Review**

Jay Bunting to provide overview of current business environment

**ILION BASED SHOTGUN PRODUCTS**

**2002 New Shotgun Product**

- Model 332  
OBJECTIVE: Establish a legitimate presence in the O/U market  
ACTION: Ilion to report on progress of velocity and quality improvement initiatives (Greater throughput, bring engraving in house, wood quality, etc) and production levels to date. Quality concerns that have recently surfaced:
  - Bluing salt bleedout around the monoblock/barrel interface and vent rib posts.
  - Rust coming out of edge of barrel at breech and between the barrels at the monoblock.
  - Loosening of forends when shot 25-50 rounds.
  - Side rib seam still inconsistent at braze.
  - Wood still too dark.
  - Failure to fire on top barrel.
  - Top lever drop.ACTION: Schoppman to provide Ilion with a proposal for target gun expansions. Discussion of 16/20 gauge 332 will take place after Ilion has reviewed the drawing package from R&D.

**2004 New Shotgun Product**

- Barrel Porting  
OBJECTIVE: Invigorate the XBL business with something new that can be pitched as a special barrel program. Target date for announcement is November Sales Meeting. Catalog barrels to be ported: Target, Turkey and Deer. First RAMAC to develop is 4624 (10 years of overstock).  
ACTION: Schoppman to provide volume by RAMAC.  
Schoppman: Will decide on hole design and pattern, taking into account current designs and intellectual property, if any.

- Embellishment changes to shotgun receivers, NPP-2004-29  
OBJECTIVE: Change or eliminate the "dated" embellishment on our current receivers to better respond to market requests.  
ACTION: Schoppman to work with Skinner to plan implementation and not strand inventory of embellished product. New RAMACs may be required.
- Shotgun samples  
OBJECTIVE: Meet deadlines for Writers and Sales samples  
ACTION: Schoppman to review sample needs for new product IAW the quantities and timeline delivered to Ilion in July.

#### **Ilion Quality – Shotguns**

- Shotgun POI  
OBJECTIVE: Conformance to SAAMI spec  
ACTION: Need samples in Madison of new rib design for evaluation. Samples due to Marketing end of August. Schoppman to review the design and give direction on approval. Priority of shotguns in which to incorporate these changes first:
  1. All 1100 Target, 1100 Classic Field and Synthetic
  2. 11-87 Premier and SP/SPS
  3. 870 Wingmaster and SPS
  4. 870 Express
  5. SP-10
- 11-87 Super Mag  
OBJECTIVE: Determine necessary changes to make this product to the performance requirements as originally specified.  
Action: Engineering to provide update on design recommendations and timeline for implementation. What testing needs to be done and when can we expect to make the transition in production?

#### **ILION BASED GENERAL TOPICS**

- Elimination of ISS on common fire control and Model 700, Model 7  
ACTION: Schoppman/Trull to provide direction on replacing the ISS on all Ilion based product. Ilion to provide an update on testing impact and impact to parts lists.
- Customer/Consumer Issues  
OBJECTIVE: Feedback to Manufacturing on key customer and consumer issues.  
ACTION: Danny Evans to cover top product issues as reported by CSRs and Consumer Service, broken out separately by shotguns and by rifles.
- 3" Chambers in 20 ga deer barrels (NPP 2003-78)  
OBJECTIVE: Uniformity across 20 gauge slug offerings.  
ACTION: Alan Serven to submit a chamber drawing at the next SAAMI meeting. Update on manufacturing plan and timeline.
- R3 Pad on Wood Stocks  
OBJECTIVE: Product enhancement  
Action: Review samples at this meeting.

- Styrofoam Insert in Gun Boxes  
OBJECTIVE: Product enhancement  
Action: Discuss how the current inserts can be improved to prevent contaminating firearms and leaving residue on stocks.

## **ILION BASED RIFLE PRODUCTS**

### **2004 New Rifle Concepts**

- Model 700 CDL (Classic Deluxe)  
**NPP-2004-24 RAMACS(7007,7015,7011,7017,7047,7049,7051,7053)**  
OBJECTIVE: New Product  
Action: Engineering to report on status of samples.
- Model 700 BDL SYN DEJ#8 (New Decorating Process)  
**NPP-2003-88 RAMAC 27507**  
OBJECTIVE: New Product  
Action: Ilion to advise where we stand on samples. Dave Sampson indicating that CAR has been submitted for tooling costs, but not yet approved.

### **2005 Prospective Ilion New Rifle Programs**

- Model 700 Synthetic stock redesign  
**NPP-2005-xx**  
OBJECTIVE: Product Enhancement  
Action: R&D and Plant to advise of how they plan to proceed.

### **Ilion Engineering Topics – Rifles**

- Alternative Metal Finish for Stainless Rifles  
OBJECTIVE: Product Enhancement  
Action: Engineering to provide status update
- Roller Burnish for Rifle Chambers  
OBJECTIVE: Product Enhancement  
Engineering reported at last meeting that this process is being held up due to chamber eccentricity issues. Bulk of problem appears to rest with current CF heading process at Ilion.  
Action: Engineering to provide update.

### **Ilion Quality Issues – Rifles**

- Bolt-Action Rifle "Lays Left" Issue  
OBJECTIVE: Quality Issue  
Action: Engineering & Quality to discuss progress thus far
- Model 700/Seven Trigger Pull Weights  
OBJECTIVE: Quality Issue  
Sales and Marketing are receiving a great deal of feed back from customers and consumers that we are losing sales at a devastating level to the Savage Accutrigger offerings.

**Action: Engineering to advise of progress on getting trigger pull specs back to an acceptable level.**

- **Model 40-X Triggers in Varmint/Police Rifles**  
OBJECTIVE: Product enhancement  
**Action: Group to discuss potential for adding 40-X trigger with external trigger pull weight adjustment capability to Varmint and Police rifles. 40-X triggers are externally adjustable down to 1.5lbs.**
- **Centerfire Rifle Chamber Specs – Ilion reamers as compared to SAAMI**  
OBJECTIVE: Quality Issue  
**Action: Perniciaro to update from last meeting on which chambers could/should be brought back to within SAAMI**

## ***R&D TOPICS***

### **E-Town Development Topics**

- **NAS Report**  
OBJECTIVE: Complete a written review of the NAS development program and what was attempted and what was learned, particularly as it relates to the Model 2100.  
**ACTION: Diaz to report status**
- **Model 700/Seven Snaked Firing Pin Spring**  
OBJECTIVE: Quality Improvement  
**Action: Diaz to review status.**
- **Model 597 Performance Improvement**  
OBJECTIVE: Performance Improvement of 597  
**Action: Diaz to update on dimensional study of the 10 sample guns and report.**  
**Action: Diaz to advise of redesign efforts.**
- **Model 7600 223 Rem**  
OBJECTIVE: New Product  
**Action: Diaz to update on Murphy's design efforts and timing. Still on track for mid year 2004?**
- **Remington Mohawk 22 Program**  
OBJECTIVE: New Product  
**Action: Diaz to advise of Murphy's efforts to review M514 & M510 and discuss design potential**

## ***MAYFIELD BASED RIFLE PRODUCTS***

### **2004 New Rifle Product – Mayfield**

- **Model 504**  
OBJECTIVE: New Product

**Action: Golemboski to advise of status of T&P build.**  
**Action: Trull to review plan for writer's guns and rep samples.**

- **Model 710 Magnum**  
OBJECTIVE: New Product  
**Action: Review status of T&P and build plan.**

#### **Mayfield Production Topics**

- **Model 597 17 HMR**  
OBJECTIVE: Production Update  
Orders are holding fairly well, but we should continue to maintain a cautious view, especially with respect to wood issues.  
**Action: Review production and order position**
- **Model 597/710 Barrel Hangtag**  
OBJECTIVE: Product Enhancement  
**Action: Mayfield to advise of status**
- **Mayfield Lock**  
OBJECTIVE: Product Enhancement  
Golemboski has identified source for lock and Marketing has reviewed and agreed that it is acceptable.  
**Action: Golemboski to provide status update.**