

**REMINGTON ARMS COMPANY, INC.**

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**Product Team Meeting Minutes—Ilion**

Wednesday June 18, 2008-Ilion, NY 7:30 am

**Future Meetings**

August 6, 2008 Ilion  
September 17, 2008 Ilion  
November 12, 2008 Ilion  
December 10, 2008 Ilion

**Upcoming Events**

2008 Grand American Aug 6-16, 2008 Sparta, IL  
2009 New Products Seminar October 12<sup>th</sup>-14<sup>th</sup>  
2009 Worldwide Sales Meeting November 10<sup>th</sup>-14<sup>th</sup>

**Business Review (Trull)**

**Ilion Topics**

**105 status/update (Keeney/Streeter)**

- Discuss project status and timeline for production
- Review latest field test results with improvements
- Discuss distinguishing "New" guns from older versions w/newest laser markings of the "105 CTi II" oval logo
- Discuss plan to "Update" existing 105's within the marketplace—New Kit Allocation, International guns, OHL inventory
  
- Latest 8 gun field test 1.1% overall malf rate—NOTE: one gun accounted for 8 (approx. half) of all malfunctions.
- 105 CTi II logo finalized and approved by Marketing
- Non-Excello process proven on above mentioned 8 test guns—working on refining the process—looking for radial position consistency of operation
- Production goal of 6,000 units by year end 2008—15% of kits to go to ARM Service for the upgrade of guns—also allocate approximately 650 for Intl.
- Gallery testing criteria must be set up
- 2 part #'s exist for kits—one for 28" bbl—one for 26" bbl
- Need to have "105 CTi II" labeling on all new barrels so the 105 and 105 II barrels won't ever be mistaken
- LOP spacer kit (3—1/4" spacers, longer screws, and assy. Flyer) to be included in each new 105 CTi II box

**Model 887 New Pump Action Shotgun (LeMay/Diaz/Wilkes/Fitzsimmons)**

- Discuss project status and timeline
- Review options for recoil pad/stock design—adding 1" to current design
- Review costing—Changes?—What are our current costs?
- Shell latch issues—Timing issues—corrected?
- New ejector material to correct issues with material displacement
- Fore-end issues with cooling fixtures causing clearance at receiver
- Discuss new stepped rib design for POI adjustment
- Camo vendors on-line with fixtures
- Discuss trigger play/take up issues—TPA Holes moved?
  
- 2" thick SuperCell recoil pad deemed unusable
- Must add 1" LOP to current short stock design—and will use standard SuperCell recoil pad for synthetic stocks
- POI tested and found to be 7" low—will add stepped rib (increased by 0.145") to compensate for low POI
- TPA tooling change required for "round control" while chambering additional round after a round is fired
- Put "shoulders" on carrier (similar to 870 carrier) to better stabilize round when chambering—stiffen flexi-tab—re-shape port side tab
- Currently evaluating two different synthetics for overmold—more durable in hot/cold test
- Extend mag tube by  $\frac{3}{4}$ " and lengthen mag cap to eliminate rounds in magazine tube deformations
- Will be able to use standard 3" duck plug
- EET II—6-27-08
- DAT(15 guns with modifications)—7-24-08
- DAT—8-21-08
- T + P—9-26-08 (200 guns)
- **NOTE: Marketing/Press will need approximately 10 guns ASAP for the early Writer's Event. These will be needed by early-Mid August in order to ship to Writer's for the hunt in Canada (customs)**

**"Puginator" SuperSlug Shotgun (Pugliese/Haskin/Wessner)**

- Discuss project status
- Accuracy testing—ammo types
- Laser marking of Model name on bbl
  
- Ilion working on testing different bore diameter's, bbl lengths, Twist Rates, etc—to optimize accuracy
- NPP updated with accuracy specs to "Shoot for"—will try for **a 2" avg @ 100 yds—with no individual gun to shoot over 3"**
- Porting to be evaluated for effects on accuracy
- 7-18-08 R + D completed 7-25-08 design/configuration to be finalized

**(MPAS) New Auto loading Shotgun (Haskin/Olsen)**

- Discuss project status and timeline
- Discuss any Manufacturing issues/concerns
- Barrel-gas cylinder collar
- Working on barrel assy process to refine bbl braze to gas block
- DAT #1 review—5 guns—260 rds ea—2 bbls/gun—Overall 19% malf rate
- Mainly —doesn't extract—Doesn't eject—Jumps latch
- All above issues being addressed—doesn't extract attributed mainly to "rough" chambers and 3.5" shells fire-forming—tough to extract at that point
- Jim R. re-working TPA design to receive blessing from Legal—still need a formal sign off from legal on this one

**"SuperCell" Compensation spacers and LOP kits (Perniciaro/Wilks)**

- M105 CTi II
- Synthetic guns
- Wood Shotguns/Rifles
- Design of compensation spacers and LOP kits finalized
- 105 II spacers/compensator for the SuperCell pad will be ¼" thick—3 to be included with each new production gun along with longer screws and a flyer insert with descriptions on how to install (consumer's responsibility)
- LOP kits for Wood stocked guns will include the compensator and the ¼" LOP spacers (on both wood stocked shotguns/rifles)—specifics for inclusion with specific products will be included on NPP's as needed

**XCS (Black) Shotgun coating (Sietsema)**

- Discuss customer return with PVD coating coming off bbl
- Possible issue with other PVD guns
- Review photos
- Two sample barrels that have been returned from a Consumer will be forwarded to Mr. Sietsema for review
- Initially thought to be "blemishes from the fixture"
- TBD after reviewing sample barrels

**2009 Rifle NPP Submissions**

- 2009-07 Model 700 VTR Ext
- 2009-08 Model 700 XHR
- 2009-22 Model 700 Tactical Target
- 2009-23 Model 700 VTR Desert Recon
- 2009-24 Model 700 SPS LH
- 2009-25 Model 700 XCR RMEF
- 2009-26 Model 700 CDL SF LTD 257 Roberts
- Questions, Issues, Concerns

No questions identified in this meeting. Will continue to review in NPP review meetings.

**X-Mark Pro Trigger (Ronkainen/Doolittle/Becker)**

- NPP 2008-83
- Review Capital/Ops Requirements and Timeline for Implementation
- Adjustable Trigger Display Rep/Customer Samples – Options?

Reviewed project timeline. Timing is tight, but should yield sample fire controls in T&P run for writers/sales samples.

Confirmed implementation will be for new 2009 products in terms of catalog launch.

Will phase in across line throughout 2009

**Model 700 Triangular Barrel-Hunting Version (Perniciaro/Sampson)**

- Timeline & Status
- Laser Marking Capacity
- NPP Updated with Round Muzzle & 3 Rings

NPP not yet approved. Reviewing capacity concerns.

Laser on order

**New Auto loading Rifle (Stone/Wilks)**

- Discuss project status and timeline
- Discuss any Manufacturing issues/concerns
- Trigger Pull
- Status of Wood Quotes
- Loading Magazine Box
- Fink to Finalize Checkering Design

Program returned to EET status

Addressing strength issues with receiver as discovered in jar-off testing

Marketing reviewed and approved mag box design with finger openings on feed lips

Project will most likely be pushed to a 2011 program

### **Custom Shop "CAR" Project Update**

Latest update on delivery of equipment is that it is slated for late August, early September.

### **Overview of Custom Shop Activities**

- Review Logo Search & Ad Campaign  
Reviewed feedback with Brothers on 6/27/08 and awaiting final versions of artwork  
New Warranty for Custom Shop In process to be completed week of 7/7/08
- Process Improvement for Int. Customers  
Custom shop is now assigning guns directly to international orders. Back log list is being cleaned up and has shown improvement.
- Search for "C" grade stock vendor Initial samples from vendor are due to us in mid-August

### **New NPP's for Custom Shop**

- 547T Completed
- 547 "C" grade Completed and ramac's assigned
- 700 Ti In Progress to compete by 7/08/2008

## **Mayfield Topics**

### **Model 770 Improved Camming Action (Lance/Vicars)**

- Status & Timeline

Sample received in Madison approved by Marketing  
Sample showed marked improvement over previous versions and was confirmed to be representative of what production parts will yield.  
Will re-validate once production parts are received  
Balio working with Lance/Vicars on Arms Service and warranty repair issues from a parts compatibility standpoint  
New parts on order and planned as a phase in sometime in Q3

### **Model 770 Fire Control (Lance/Vicars)**

- Status & Timeline
- Phase In Date

Reviewed project timeline.  
Will implement as a running change  
Marketing confirmed that phase in timing not critical to catalog or new product announcements as it should be transparent to the customer

### **597 New Synthetic Stock (Lance/Franz/Fink/Trull)**

- Complete E'town Modeling

- CAR Needed
- Cosmetic Sample Status
- Sample is in Madison Gun room.
- Will get out for quote as soon as cosmetic sample approved
  - Trull and Fink reviewed sample 5.23.08. Requested Todd Cook add SPS style grip panel texturing to one area of stock on 5.27.08.
- 2009 project due to capital re-directed

Marketing has approved design.

Mayfield and E-Town to coordinate getting drawings out for quote

CAR not yet submitted, but will be upon completion of quoting process

**Nordic Conversion Kit for R-22 (Fink/Trull)**

- Signed NDA Completed on 6.13.08
  - E'town to work with Nordic regarding drawings
- Franz to coordinate with Fink to get 3-D models to Nordic.