

**REMINGTON ARMS COMPANY, INC.**

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**Product Team Meeting Minutes**

Wednesday, September 26<sup>th</sup>, 2007 – Ilion —7:30 am – UNTIL

**Future Meetings**

October 30<sup>th</sup>—Conference Call with Ilion  
December 12<sup>th</sup>—Ilion

**State of the Business Review (Trull)**

**Ilion Topics**

**105 status/update (Perniciaro/Pugliese/Keeney)**

- Status and update of progress
- Manufacturing update/timeline

**Will Discuss in an October 1<sup>st</sup> Conference Call**

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

- Discuss project status and Revised/Updated timeline
- Review manufacturing issues/concerns

Ejection port cover—.040" thick-metal-cover entire ejection port-no heat treat required—must add guide cut to receiver and add boss to bolt slide-port length 3.35"—downsize by .20" over current port opening—Mid October  
Phase 1 EET—100 rds. Proof loads (2 ¾")

Corrected some feeding issues by adding material (steel safe)

Stiffen shell latch—re design with new shape (no split)

Bolt would occasionally not lock up—redesigned

Tighten tolerances and reduce clearances to help with fore-end slop

Re-Design complete—9-30-2007—with port cover adjustments—10-15-07

DAT 2-20-2008

T & P 8-2008 (hinges on correct "prototype" receiver cages being made)—3-month advantage in time savings if this is successful

If design changes are made AFTER T & P testing, it will have to be made to production tooling

If all of the above goes as planned—we will have shippable product by late July-August of 2008?

Need font styles from Marketing for wording on receiver

**Model 700 VTR (Perniciaro/Haskin)**

- Project update
- Production capacities for future orders
- Accuracy concerns
- Manufacturing on track for Spring order volume

Ilion production capacity—60 units per shift (two shifts) or 8-10 per hour  
New laser for manufacturing for VTR and other products in the future which will require laser etching—improve throughput and increase laser capacity  
Ilion will send CAR to Marketing for new laser purchase  
Accuracy—shot as standard 700's—shot with counterbore (same results)—then shot with muzzle break design, and had minimal effect on accuracy  
10 more of each caliber to be made next week (Oct. 1) on production equipment

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

- Discuss project status and timeline
- Discuss any issues/concerns
- Progress of first prototype guns (shooters)

First prototype guns shot from shoulder 9-25-07—functioned well with different ammo types—gas piston design with multiple port openings which are available for excess gas pressure to cycle the pistons depending upon what length of ammo is used (2 ¾", 3", and 3 ½")  
Threaded magazine tube design—not braised  
Gas block will be braised on to bottom of bbl in chamber area where the gas dump holes are  
Shims included for drop, cast, and LOP adjustment  
Currently no mag tube cut-off option  
Ejector broke on proof rounds-gun still ejected spent round  
Design Marketing Review (second week of November)  
2009 SHOT Show intro  
LE Implications??  
Warehouse release in February 2009?  
Needs Model number and name--Marketing

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

- Discuss project status and timeline
- Discuss any Manufacturing issues/concerns

European market the major volume driver for this gun  
If this is a 2009 product introduction also, will make 3 major product introductions for 2009—MPAS—887—and this gun  
Needs Model number and name—Marketing  
Manufacturing resources to devote to project and alternative options to be discussed

**Synthetic Short Stock Program (Wilks)**

- Discuss expected implementation for 2008
  - Specific product list for Marketing
- Coordinate phase in with SuperCell Pads

11-87 and 870 stocks on schedule—cut in for product line will begin in November, and youth will begin by end of November  
 Writer’s samples and Sales meeting samples will not have production butt stocks  
 Can get recoil pad but may have to have an SLA butt-stock on them  
 Marketing statement—“All new production synthetic short stock...”

**Discuss Synthetic Thumbhole Short Stock Program—870/11-87 (Diaz/Wilks)**

- Discuss progress thus far
- Sample availability

Should have the production samples done next week and sent out for Marketing samples for the Writer’s seminar by second week of October

**New Remington “SuperCell” Recoil Pad—“Jones & Vining” (Wilks/Franz)**

- Discuss Progress/Timeline/Implementation into new products
  - Specific product list for Marketing
- Phase in process (into current products)

Need to discuss with manufacturing from a product implementation standpoint—specifically—what can we tell the Writers

**Overmold stock Process/Vendors (Diliberto)**

- Discuss overmold process options on camo stocks
- Discuss future products with overmold grips (synthetic short stocks, etc.)

Tarjac has the prototype stocks done, and will be reviewed by Ilion 1<sup>st</sup> week of October  
 “Phase 3” will be implemented when results of the sample are reviewed—this will include possibility of overmolding the new synthetic short stocks

**X-Mark Pro Trigger (Perniciaro/Doolittle)**

- Update “acceptable” pull weight adjustment range/process of setting trigger pull weight/range

Currently we have above a 2 lb weight range of acceptable adjustment  
 Need to implement a better adjustment process with a lower acceptable range  
 Currently being set at assembly at 4.5 lbs (with Chatillon ga. had a 3-6 lb range)  
 Discussion about shooting the guns out of the stock, then adjusting the trigger and assembling them to the stock before pack—involves a minor bottleneck of product flow through the factory, and of course more resources  
 Marketing “goal” is to have triggers factory set at 3.5 lbs

**“Steel Guard” Process**

- Discuss process on our Black Oxide guns (particularly the Express and SPS guns)
- Discuss other options (customers/consumers view it as rust)

Manufacturing currently testing new options for this process

Will follow up on this process at next PTM

**Fall Sample Firearms (Shumway/Farrington)**

- Sample status update for “Fall” Samples
- Separate discussion