



Remington Arms Co., Inc.

LE/MIL Product Team Meeting Minutes—Ilion

Wednesday April 16, 2008 - Ilion, NY 8:00 am

Future Meetings

TBD

Topics

2008 SHOT Show New Product Review-(Fink/Lasley)

Presented on Rifle/Shotgun New 2008 Products (PowerPoint Presentations)

105 status/update (Keeney)

- Discuss project status and timeline for production
- Review latest field test results with improvements

DOE variables—Long nosed Action Sleeve

Nickel-Teflon plated

Action Bars nickel Plated

105 lubricating oil

Thorough field testing has resulted in the findings that the bolt head size increase/new extraction system causes BV's to drop when bolt slide contacts carrier at rear of receiver

Have gallery tested (on the latest 15 gun sample) the "Modified" bolt slides with 0.0995 diameter gas orifice holes, 2 guns exhibited DSMO malf. on Nitro Mag rounds, and no low power malf. were recorded with "light 8's" or Winchester AA ammo—the next step will be to field test these guns and determine from that test when the 60 gun build will take place for the large scale testing

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

- Discuss project status and timeline
- Review costing—Do we have close estimate pinned down
- Purchasing overview of cost reductions
- ATF approval on markings
- Re-Schedule on-site review (E-Town)

Scheduled to test guns 3-05-08 and conclude by early April

E-Town to look at 2-piece bbl design and determine strength of design proposal

Further pursue target cost of \$136.88/unit on the all black guns

Need to schedule a meeting in E-Town once initial DAT testing has been completed

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

- Discuss project status and timeline
- MPAS prototype (sent to SHOT) feedback
- Discuss any Manufacturing issues/concerns
- Re-Schedule on-site review (E-Town)

**Priority one—Part procurement**

**Priority two—assemble DAT guns and get to E-Town for testing**

**Priority three—Marketing sign off on issues with first prototype**

**Priority four—develop processes/obtain vendor quotes for CAR (Phase II)**

**Ilion will build 10 DAT guns and ship to E-Town for Testing—goal by March 1<sup>st</sup> to have guns built**

**Will submit phase II CAR upon completion of DAT in April**

**Shotgun Common Bbl matting program (Pugliese)**

- Marketing approved sample (of high polish blued barrel)—need to see Express/Sportsman sample
- Discuss phase in options

**Marketing agreed upon common pattern (Modified Scalloped pattern) for use on ALL shotguns**

**Will begin implementation ASAP**

**Shotgun Common 870 Exp D&T Receiver program (Pugliese)**

- Discuss feasibility with new shotgun receiver flow through assembly
- Minimal cost—Consumer added value

**Not deemed feasible at this time!**

**Short Stock Program (Wilks)**

- Discuss project status and phase in timeline
- 20 Ga version ShurShot stock—**2 weeks for 1<sup>st</sup> article**
- Marketing NPP's in place

**Youth and Jr. short stocks due by mid—MARCH**

**“SuperCell” Recoil Pad (Perniciaro/Wilks)**

- Discuss S & K Sanding to Norbide disks on wood stocks
- Discuss options for phase in of wood pads

**Todd Cook working on spacer design similar in size/shape to Norbide disk**

**Ilion working on problem with S & K**

**Marketing to review any proposed remedy to this current situation**

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

- Overmold stocks with camo
- MPAS shotgun will use “no seam” process with camo

- Discuss process of camo pattern identification with vendors

**Process for XCR stocks w/camo agreed upon—Stocks will cost more from OMP—cost savings from TARJAC for camo**

**Outdoor Color masking process on receivers—use TPA for locator holes to mask off serial #--no basecoat, but will have the camo over masked area**

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

- NPP updated with Marketing requirements-NPP 2008-83
- Review Capital/Ops Requirements and Timeline for Implementation
  - **Capital currently in the \$360 range**
  - **Cover costs in pricing on products that where applicable; 700 HTR, XCR, Varmint, etc. –Fink/Trull**

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

- CAR Status for new laser
  - **Pursuing quotes for new lasers**
  - **80 per day current-Not believed to be a current issue**
  - **12 week lead time**
- Fink to review 2009 NPP along with product plan
  - **Clearly identify lifecycles and replacement volume-JF**
  - **Franz to evaluate Ultra Mag feasibility**

**Model 700 SPS Stainless Metal Finish (Fink)**

- Have received complaints of rough finish and staining (possible oxidation)
  - Metal finish on Model 770 Stainless barrel is much better than 700 SPS Stainless
  - Need to compare Mayfield process to Ilion Process
- Sietsema to explore different blast media**
- New gun to be shipped to JF prior to next PTM 3.11.08**

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

- Discuss project status and timeline
  - **DAT testing-100 round proof complete on A-1-A-10 guns**
  - **.002" max headspace growth**
  - **Tweaks to be made to TPA**
  - **To build second 20 guns**
  - **Review with Stone 2.28 in Ilion to complete quoting**
  - **Cosmetic gun to be complete end of March**
  - **CAR to be generated March 20**
  - **FINK-need to nail down name/model number**
- Discuss any Manufacturing issues/concerns

- Status of Wood Quotes
- NPP Updated regarding sights, acceptable trigger pull, accuracy, and malfunction rate.

**Lead Time on Scopes (Fitzsimmons)**

- Plan to reduce lead time based on historical need
- 3% reduction from Manuf, 3% increase by warehouse, avoids air freight charges. Will keep 4 month supply for Ilion and Mayfield

**Mayfield Topics**

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

- Progress to date
  - Radius added. 6 weeks will have 200 pieces. Etown will test, end of May phase in approved.

**Model 770 Varmint Offerings (Lance/Vicars)**

- NPP for 22-250 Remington offering
  - Correct button end of February
  - DSG declined. Fall intro product. Fink to complete NPP

**Model 798 Synthetic Stock Tool (Lance)**

- Path forward
  - Tool and 1500 stocks landed last week
  - Bass Pro to put in Scoped Combo, most likely 798 Laminate repeat of 2007

**Model 798 Walnut Stock (Lance)**

- RealWood not holding together with 458 Win Mag
- Added second recoil lug
- Reinforcement required for magnum walnut guns

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

- New design price same as current design price with current quote
- Production anticipated September 2008

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

- Money budgeted for 2008-\$250-\$260 budgeted
- To implement in 2009 catalog/line
- Etown has CAD model, not process ready
- Modularity? HB barrel channel necessity? Fink to review.