

**REMINGTON ARMS COMPANY, INC.**

**Product Team Meeting Minutes**

**Thursday April 6th, 2006 7:30 am – 12:00 pm EST – Ilion**

**State of Business Review**

**Future Meetings**

May 10<sup>th</sup> – Ilion

June 14<sup>th</sup> – Ilion

July 12<sup>th</sup> – Ilion

**Future Important Dates**

2006 NRA Show, Milwaukee WI

May 19<sup>th</sup> -21st

**2006 New Products (Perniciaro/Mead)**

- 750 Woodsmaster
  - Production StatusExperiencing some issues that are New Gen specific in nature, not specific to the Model 750. Continuing to work through these issues.
- 6.8mm Rem SPC
  - Where do we stand on process?Continuing to see accuracy issues with ammo received from Lonoke. Have ordered ammo for testing from Black Hills and Hornady. Will review those results at next PTM.
  - New extractor?Planning to test and prototype this month (April). Slight modification to original design. Marketing would like to expand across entire line in 2007.  
**ACTION: Kast to obtain Model 710 bolt face drawings to determine if design will retrofit to Model 710.**  
**ACTION: Will review test data at May PTM and look towards implementation across the product line in 2007.**
- 1100 G3
  - Production Status – 12 GAT&P planned for end of April. 550 pieces in May production plan. Trull and Campbell approved nickel silver grip cap for production to alleviate issues experienced with black grip cap.
  - Production Status – 20 GADrawing package submitted. DAT planned for end of April. T&P planned for first of June with production planned for July.
  - Status of CasesChanges have been implemented by supplier. 400 cases due April 30<sup>th</sup>. Another 700 cases due May 2<sup>nd</sup>.

**105 CTi Update (Perniciaro, Orf, Morris, Diaz)**

- Update on Current Status

Orf presented data on results with compensated barrels to team. Plan is to test 20 pieces each of non-compensated guns and compensated guns at E-Town.

#### **New Pump Action Shotgun (Diaz/Murphy/Perniciaro)**

- Update & Review Drawing Package

85% complete on design package. Looking at 2-piece design on action bar release. Ilion asked that Murphy review the footprint of the barrel guide ring and determine if it could be a common part for this gun and the 870 Express. Still need to review cosmetics impacted by mold gating and how it impacts the look of the receiver. E-Town to review and see if there are other areas that could be used for gating. Question was raised about how to do mag tube extensions. Kast suggested that we look at a longer mag tube for "tactical" type guns and all agreed that this was a good suggestion. Murphy to review.

- Review Timeline

Ilion is shooting for a sample to be ready in time to have a launch at the 2007 SHOT Show in January. This has a huge impact on 2007.

- Make sure that team is focused on keeping low cost but competitively featured objective top of mind

Present cost estimates list standard at about \$100 per gun.

#### **Synthetic Short Stock Program (Mead)**

- Current Status
- Timeline-Reconvened 11/11. Will pursue in five phases;
  - Phase I-12 ga Exp, 20 ga Express, Express Super Mag Fore End Mid August
  - Phase II Express Youth, Jr, & Monte Carlo End of January 2007
  - Phase III 750 Woodsmaster Fore End August/September
  - Phase IV 1187 Fore End August/September
  - Phase V Overmold Not yet planned.

The first IV phases to be complete by end of 2006.

#### **ISS Elimination on Common Firecontrol (Perniciaro/Skinner)**

- Implementation Plan Review

Locks will be in at the end of the first week of June. Starting transition mid July.

#### **Box Inserts/Packaging (Shumway)**

- Confirm use now of higher density insert

Go with higher density material across entire line.

- Review Folded Corrugate concept further (pricing/options)

Concept is interesting, but appears to be more costly and cumbersome for packers. Opted not to pursue further, but will look at "egg carton" approach.

**New Autoloading Rifle (Diaz/Stone/Perniciaro)**

- Current Status
- Evaluate Resource Allocation and Timing

Doolittle assigned to program. Looking at options for gas collar attachment. Fire control will utilize roller sear concept used on Model 105 CTi. In EET phase now. Planning on DAT in Q1 2007. Trull working with Stone to coordinate input from industrial stylists for cosmetics.

**NXS Slug System (Diaz)**

- Ammo group looking for bbls
- Ammo Planning on 2007 Catalog Introduction
- Ammo R&D to deliver drawing package to FA R&D
- Strategy discussion planned between Ammo and Firearms Mkt.

Program was intended to be a magazine box change to the Model 710, utilizing the existing Model 710 bolt. Diaz reported that as he understood it, the current case head diameter was 0.608". The max case head diameter that the M710 bolt face will accept is 0.542".

**ACTION:** Trull to review issue with S. Hanes and cover issues that we have concerns over.

**SPL Conversion (Mead/Diaz)**

- Current Status
- 40-X Externally Adjustable Version

Working on trigger pivot pin. Improving interference fit. Will resume testing on 4/26. Doolittle reported that setting of trigger pull will be moved to final assembly. Adjustable 40-X version testing scheduled for Q4.

**New Recoil Pad (Diaz/Franz)**

- Status of first prototypes
- Need pads to be at production stage in 3 months.

Some apparent confusion over precise objectives. Trull to review with Franz and Cook to develop new path forward.

**New Custom Shop Initiatives (Trull/Butler/Perniciaro)**

- **Model 547 Rimfire**
  - **Relocate M504 to Ilion?**  
Bolt handle out for quote. Stock needs to be quoted from S&K. Should have cost analysis work up by end of April.
- **Model 40-XH Hunter**
  - **Review Strategy**  
Trull and Campbell reviewed strategy with Butler. Trull to put together comprehensive product plan for Custom Shop by end of April. This applies to the following two topics as well.
- **Model 700 AWR Overhaul – TriNyte Black Coating**
- **Establishing Safety Stock Levels on Core Items**
  - **AWR's**
  - **Model 40-XS**
  - **New Model 40-XH**

**2007 New Products – First Cut Review (Trull)**

- 750 Synthetic

Trull needs to issue RAMAC's and NPP.

- 870 SPS & Express SYN – New sku's with new short stocks?

Group determined no new sku's required. Will handle transition same as birch to laminate transition.

- 700 CDL SF LTD – Maybe not so Limited after all. Big customer interest in expanding the offering. Fluting capacity concerns?

Team believes that this is doable within current process configurations without maxing out capacity. Trull to issue sku's and NPP.

- New "Super Turkey" 870 with Knoxx Spec Ops camo stock and Hi Viz "Tri Vis" sight.

Reviewed black sample. Ilion asked if sight had to be installed. Trull and Campbell instructed that it did need to be installed as the retail clerks would not install if it did not come on the gun. Need quote from Knoxx on camo stock or determine if we should camo. Trull to issue NPP and RAMAC's.

- 700 Titanium Enhancement – Standard Contour barrels on Magnum cartridges, floor plate, new stock color. Keep in regular production area or move to Custom Shop?

Still reviewing this concept from Marketing's standpoint.

- Potential to Use Fine Line Engraving Equipment. 750? 1187?

Will utilize on product line where it makes sense.

**2007 Deletions – First Cut Review (Trull)**

Topics were not covered in this meeting.

- 7400 Synthetic
- New Short Stock Transition Plan to Avoid Stranding Inventory
- 1187 Premier Line – Dead Duck
- Consider Narrowing Focus of Turkey Line?

**Ilion Manufacturing Topics**

- 870 Commonality (12 GA Chamber Lengths)

Reviewed presentation by Pugliese. Marketing is going to review with Sales to determine what makes the most sense for customers.

- Serial Number Process for Special Runs – Consecutive Serial Numbers

Using laser to provide consecutive serial numbers on special run opportunities appears to be a logical prospect.

- Rev1 Progress

Marketing is working with Planning.

- Custom Shop and Support

Trull/Campbell reviewed with Gross.

## **Mayfield Topics**

### **504-T LS HB 17 HMR (Diaz/Lance)**

- Current status with Shilen Barrels

Received 30 barrels from Shilen. T&P accuracy yielded 0.40" average (5 5-shot groups at 50yds) accuracy performance. E-Town anticipates completing T&P in 2 weeks. Team decided to proceed with Shilen barrels. Mayfield is going to proceed with ordering parts for production build assuming a low risk T&P.

### **Model 710 .243 Win YTH (Diaz/Lance)**

- Status on ½" pad and stock
- Estimated time to production

E-Town will conduct small T&P for drop test. Planning production build May 8<sup>th</sup>. Will proceed with ordering softer material for recoil pad to insure better fit.

### **Model 710 Modular Stock Project (Lance/Diaz/Trull)**

- Trull to advise of latest progress

Trull forwarded rendering to Lance. Advised that Zunda will be completing actual prototype stock this week. Lance working on CAR will include Ops expense for design work. Will add Trull and Campbell to sign off list on CAR.

### **Scoped Combo 597's (Lance/Williams)**

- Status on Scope Sourcing

No issues.