

**REMINGTON ARMS COMPANY, INC.**  
**Product Team Meeting Agenda**

**September 15, 2004 8:00 am EST**

**Future Meetings**

November 17<sup>th</sup> - Ilion  
December 15<sup>th</sup> - Elizabethtown

**Future Important Dates**

October 14<sup>th</sup>-16<sup>th</sup>                      Writers Seminar-Orangeburg, SC  
November 6<sup>th</sup>-8<sup>th</sup>                      Sales Meeting-Greensboro, NC

**Business Review**

Jay Bunting to provide overview of current business environment

**ILION BASED SHOTGUN PRODUCTS**

**New Shotgun Product**

**Model 332-Skinner, Orf**

OBJECTIVE: Establish a legitimate presence in the O/U market

Production Status:

- Guns per day
- Shooting Open-Update
  - Top Lever Template
  - Grinding Lugs
  - Communicating with Arms Service-Any New Repairs?

Orders on the books covered. Will build some inventory at 10 per day; close to 400 each at year end. 2005 daily rate currently would mean 6-7 guns per day. If cut back, getting back to 10 guns per day could take 6-7 months.

Action: Check Williams sell through. (Fink/McCanna)

Look at improving efficiencies and cost. (Orf)

Planning requested assistance relating to schedules through out 2005.

(Trull/Fink)

Plant can scale back to 8 guns per day without impacting people. Will implement in Q4.

Options for line extensions: Camo, Extra Wood, B-Grade, Cased

**M332 Sporting DL-D.Diaz**

- Current Status

3200 style barrel hanger-Designed barrel hanger set, .040" convergance. Plans to braze 3-5 barrel sets week of 7.21. Barrels will be crowned but not tubed and shot for POI.

Side Panels-Update

5 prototype barrels with .040" versus .120" convergance built. Will ship to R. Murphy week of 8.23. Not overbored or choked, will shoot for POI/POA. Need to go to a light contour barrel, 28" 30" 32" 34" barrels, tapered rib, stepped rib, straight comb.

DAT complete first week of December. T&P-barrels should not be an issue. Biggest issue is raised side panels.

Action: Make sure all future drawings/communications are funneled through Orf.

(Diaz/Murphy)

Action: Decision point on side panels versus flat panel by next PTM. Checkering patterns are also an option that need addressed. (Fink)

#### **M1100 Sporting DL-B. Orf**

- Current Status-Make 1100 bbl with 105 ID and choke tubes. 735" with lengthened forcing cones. Goal is to have 10 barrels by September 1<sup>st</sup>. Boyds should make adjustable comb stock

Target sights

Glass beaded/shot blasted receiver

**ACTION:** Jeweling bolt-need to investigate bolt cosmetics. Fluting was proposed as an option. B. Orf to look into what is feasible.

Investigating ways to improve surface finish: action bars, slide, action tube, receiver with nickel Teflon finish. Polish hammer, locking block, action spring tube follower, link and hammer plunger with coating. Will have shooting prototypes by the end of September.

Action: Fink contact Kolar to have 5 adjustable comb stocks made from 1100 Sporting stocks.

Bolt-have not come up with option for jewellery or fluting. Body cote may be an option for the bolt.

Assuming cosmetics finalized by mid September, production could start end of first quarter.

#### **2005 Spring Shotguns-Skinner, Mroz, Orf**

- Current Status  
2005-06 SP-10 Mossy Oak Obsession **October production-400 by year end**  
2005-07 11-87 SM NWTF-Royalties **1500 by year end**  
Call Tom Nagle regarding returns on 1187 SM.  
2005-08 870 SM Thumbhole **850 by year end, 50 by the end of September**  
2005-09 870 Exp Jr. NWTF-Royalties **750 by year end**  
**925 Team NWTF guns in October**

#### **1187 Sportsman Synthetic Line -**

Update \$37K total in stranded parts, \$11K is recoil pads that can be used.

**ACTION:** Skinner-12 gauge production schedule- 12 gauges are structured with schedules starting in October for 12/26&28 and 12/21 FR CL.

**ACTION:** B. Orf -20 gauge fore end status. 9 weeks & \$15K to modify 1100 20 gauge tool.

#### **Ilion Quality – Shotguns**

##### **Shotgun POI-Perniclaro, Orf**

OBJECTIVE: Conformance to SAAMI spec

**ACTION:** Ilion Engineering to provide status of this project. 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

Jack Kast has picked up. Trying smaller bead to evaluate POI. Lab time is being consumed for MCS at this point of time. Late July early August at this point for an answer. **By next PTM we should have results.**

- **Choke Tube Constriction/Patterning Concerns**

**ACTION:** B Orf to update drawings. Need to add some sort of ID mark on choke tubes.

**Tim Butler has some questions concerning transmitted spec versus current drawings. Fink to work with Butler.**

- 1187 extractor is being used in 1100 Target guns. This means old 1100 barrels will not fit new 1100's.

ACTION: Perniciaro to investigate when change took place, report at next meeting, and provide plan to revert to an 1100 extractor.

## **ILION BASED GENERAL TOPICS**

### **Fore End Stickers for Wal\*Mart - Mroz**

- Current Status
- Implementation Dates
- BOM Updated and Structured?
- RAMACS by Model  
7400-9794, 9796  
870-5102, 5587  
700-7512, 7474, 7478, 7480, 7514, 7476, 7516, 7482

### **ISS Conversion-~~S.~~ Perniciaro**

- Current status of lock and implementation dates  
Scheduled to start phasing in October, 2004.  
Regal will work on 332 next.  
Haskin handling shotgun timeline, Zito handling rifle.  
Action: Haskin/Zito to e-mail timeline to Trull/Fink.

### **R3 Pad on Wood Stocks-B. Orf**

- Current status and implementation dates
- 1<sup>st</sup> T&P on 700 magnum received 8.22. will submit CAR for white line spacer. Continuing to work on short stocks. Ed Owens is handling, will be at S&K at least one week per month.

### **Wood Stocks Dipped with Wood Pattern – B. Orf**

- Develop contacts to test market an 1187-Need to see some samples, may do a SHOT Show special.  
ACTION: B. Orf to get contact information from S. Perniciaro and have some stocks dipped for samples.

### **Botega Equipment – B. Orf**

- Discuss Path Forward
- Marketing needs sample set of all rolls on hand to evaluate if any on hand are usable

## **ILION BASED RIFLE PRODUCTS**

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

#### **Model 700 Synthetic Stock Redesign Status-Mead**

- Status Update on vendor progress
- Status update on production plans Ballo

**Model 700 XCR –Coatings-G.Sietsema**

- Marketing has approved color on trigger guard and components
- Need an update on testing (salt fog, abrasion, endurance) that was to be complete on 9/2/04.
- Need an update on DAT/T&P to establish material flow process with vendor.
- Need an update on competitive samples to independent test lab that we agreed to go ahead and get started per the last meeting.
- Writers Seminar is in 4 weeks!

**Model 700 New Varmint Line – Mroz/Balio**

- Status Update on production

**Model XR-100-Mroz**

- Status Update on Gun – DAT, T&P, etc
- Status Update on Owners Manual – Has copy been signed off on by Dale Wills?
- Confirm that stocks have been ordered with Boyd's – Wadas/Balio

**Model 700 SPL Fire Control – Perniciaro/Diaz**

- Update on testing/timing. – Perniciaro

**Fluted Firing Pin - Perniciaro**

- Status
- Production Ramp up – Ilion

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- Status
- Production Ramp up – Ilion

**6.8mm Rem SPC Bolt Head/Extractor Development – Perniciaro/Diaz**

- Status of M700P LTR
- Timing/Cost of Development
- Model Selection/Strategy – Keep it Lean

**Ilion Quality Issues – Rifles**

**Model 7400 Cracked Fore Ends -S. Perniciaro/Balio**

- Ilion to advise of status of replacement fore ends for Rivoirier.
- Trull/Perniciaro to update team on recent visit.

**Model 700 Varmint Accuracy Standards -S. Perniciaro**

- We need to establish a protocol to insure that our varmint rifles meet a level of accuracy that is congruent with the consumers perception that a varmint rifle should be capable of delivering MOA accuracy out of the box.
- We already charge more for these guns, but we can likely get an additional premium if we can guarantee a level of performance.
- We need to firm up our future business of high revenue, high margin products and give the consumer "insurance" in the form of a guarantee that they are justified in paying the premium for a varmint rifle vs. a price point rifle.

**7400 SGS-New gas system – S. Perniciaro**

- Perniciaro to update on status.
- Team to decide if we should push forward.

## **R&D TOPICS**

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

#### **New Varmint Stock Design - Diaz/Mead/Mroz**

- Brief discussion on laying out preliminary design criteria
- Establish time for Trull, Mead, Mroz to travel to E-Town to meet with CAD group.

#### **17 Hornady Mach 2 Project - Diaz**

- Status on 504
- Status on 597

#### **NCAR – (New Centerfire Autoloading Rifle) – Diaz**

- Status on Design
- Is there budget capital for development that has been approved?

### **Mayfield Topics**

#### **Model 597 22LR New Mag Box – Diaz/Lance**

- Status/Roll in plan

#### **Model 710 Metal Receiver – Diaz/Lance**

- DAT Update
- Timing for Implementation

#### **Model 504-T LS HB – Diaz/Lance**

- Confirm Testing schedule is on track
- Cost Estimate Still Needed
- Production plans
- Status of Writer's Seminar Orders

#### **Model 504 Stock Improvements – Lance**

- ¼ Sawn lumber implementation
- Wrap around fore end checkering
- Supplier plans (Boys vs. S&K)
- Implementation?

#### **Model 710 Short Action - Diaz**

- Trull discussed plans for 2006 (fall 2005 roll out) of 710 Short Action
- Includes .243 Win, 7mm-08 or .308
- True Short Action Length
- New Stock will allow for youth version
- Marketing can commit to 10k units
- Status on capital

#### **Model 597 17 HMR Accuracy in Production - Lance**

- Outcome of recent testing on button speeds

## **Military/Law Enforcement**

### **870 MCS-Status Update**

- Israeli 120 day order with 10" bbl and threaded muzzle break choke tube, would not work. Need direction from Schoppman and Foster.
- Airforce order pending for 1150 guns.

### **7615-Status Update – Perniciaro/Diaz**

**Scheduled to have DAT testing done by September 3<sup>rd</sup>.**