

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

**February 16th, 2004 7:30 am EST - Ilion**

**Future Meetings**

March 16<sup>th</sup> - Ilion  
April 13<sup>th</sup> - Ilion  
May 18<sup>th</sup> - Ilion  
June 15<sup>th</sup> - Ilion

**Future Important Dates**

April 15<sup>th</sup> -17th                      NRA Show – Houston, TX

**Business Review**

Jay Bunting to provide overview of current business environment

**SHOT Show Overview**

Marketing to provide feed back on SHOT Show

**ILION BASED SHOTGUN PRODUCTS**

**New Shotgun Product**

**Model 332-Skinner, Orf**

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

Production Status:

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

**Action: Look at improving efficiencies and cost. (Orf)**

**No new repairs**

**M332 Sporting DL-R. Murphy**

**Need 10K rounds shot through 3 guns to assess durability of design. Need to look at frame treatment. R. Murphy to work with B. Orf on improving design. Must have design complete and finalized by June 1, 2005 for a 2006 Spring Gun introduction.**

- Current Status

3200 style barrel hanger-Designed barrel hanger set, .040" convergence.

Five guns in process, barrel sets in process. Start shooting week of 2.21 for POA/POI, should have shooting complete by end of March.

Single barrel version-Under single, and top single

Unsingle-34" barrel set with adjustable aluminum rib-4 sets-Need adjustable stock.

Top single-34" barrel set -3 sets

Looking for an August introduction with warehousable quantities immediately following.

**ACTION-Start ball rolling to get fixtures, etc in place for production. (Orf/Murphy)**

**Establish product priorities for product development.**

**M332 20 gauge-2006 New Product Introduction**

- **Current Status-Murphy**

Three guns being built. Third quarter shooting guns. \$1,000M capital needed to put in place.

**Need 332 project in place to present to management-Murphy/Orf**

**M1100 Sporting DL-B. Orf**

- **Current Status-Make 1100 bbl with 105 ID and choke tubes, .735" with lengthened forcing cones.**  
Receiver Cosmetics-Orf/Sietsema  
Checkering Pattern-Orf  
Gas orifice holes-Orf  
Barrel Verbiage-Fink "For Use with Target/Light Field Loads"  
Action Items  
Cost estimate-Orf  
Send gun to Madison-Orf  
Rollmarked-Competition-Orf  
Look at pvd coating for receiver-Sietsema  
Check cost of natural laminate-Orf  
Need to have cosmetics nailed down by next PTM-Sietsema/Orf

**2005 SHOT Show Special**

- **870 FRCL Extra Barrel with Scope Mounted**
- **Current Status-Shumway/Orf/Skinner**  
Scope-  
Rings-  
Clampack-  
Ship Case-  
Other-  
T&P in March-140 XBL  
Need instruction on moving scope.  
Fink-check with Lewis on shipping/box integrity

- **870 Tactical-Orf**  
Rollmark Status

Rollmark by month end. Everything structured in SAP.

Cost to paint-\$2.72 barrel, \$2.92 Receiver-\$5.64 total

1000 May, 1000 June

**2006 870 Express Line**

New cosmetics for Express Line (Fink)

- **Black synthetic stock and fore end with overmolded inserts**  
Tooling would be around \$250k for 12 GA tool. Possible concept would be to remove checkering and insert texturing in those areas  
Fink-Run where used report-Skinner will send down. Joe Mead will look at costing.  
Marketing will review and respond with direction by March 4<sup>th</sup>.
- **Youth guns with redesigned fore end & stock w/R3 pad** Sims does not have smaller pad to fit youth stock. Sims is quoting pad for youth Jr. Need synthetic youth.
- **Potential laminated wood stocks-S&K has supplied quote** Finance questioning S&K regarding contract. Art Wright talking to Stouts, should have answer week of 2/21. Laminated samples have Marketing approval. Assuming costing is favorable, implement as an in-line change in 2005. RAMACs will not change. Need to identify

box in some way once transition is made to help ID at OHL in order to push out old inventory first.

- Camo guns changing to Mossy Oak Pattern-Most likely Break-Up  
Fink to issue NPP's and RAMACs by next PTM

#### 870 Slug Gun-Orf

Scope mounted directly on receiver.

We need testing complete to access effects on accuracy

Scope combo

Need testing by next PTM.

#### 870 Combo-Fink

Barrel Holder for additional barrel.

Fink to emailed image of clamp to Orf/Pugliese

### Ilion Quality – Shotguns

#### Shotgun POI-Perniciaro, Orf-Timeline for Change

OBJECTIVE: Conformance to SAAMI spec

1. All 1100 Target, 1100 Classic Field and Synthetic
2. 11-87 Premier and SP/SPS
3. 870 Wingmaster and SPS
4. 870 Express Turkey
5. SP-10

Starting March 9<sup>th</sup> on everything except 332

Fink-Notify CSR's of change

DROP NEXT AGENDA

- Choke Tube Constriction/Patterning Concerns

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

ID mark is an underscore after choke constriction i.e. MOD\_ . Ilion to send back

Fink's spreadsheet with Effective date column added to spreadsheet. Will distribute information internally as needed. Not going to issue a bulletin to RARC's or field.

DROP NEXT AGENDA

### **ILION BASED GENERAL TOPICS**

#### Shelf Talker Hangers for Wal-Mart - Trull

- Files are complete and are currently being delivered to Mroz.
- Will specify RAMAC's
- Need to discuss attachment methods.

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

- Current status and implementation dates.
  - Orf to give update of what has been approved and what is in production
  - Planning to provide up to date cut in schedule
- Moutain rifle, Wingmaster done

#### Bottega Equipment – B. Orf

- Update on recent communication with Bottega

#### **NRA Licensed Guns – M. LeMay**

1187 Sportsman  
870 Wingmaster  
552 with fine line engraving.

- LeMay to provide update
- Fink to review NPP's
- Will have samples by next PTM

#### **Scope combo box**

Glue from foam insert rubbing off on recoil pad.

### **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

**Issues with recoil pad fit. Sims notified and addressing.**

##### **Custom Foam – RIM Stock for 700 LV SF & 700 Tactical Mead**

- Status Update on progress
- Discuss stock for 700 Tactical (dual front stud testing)
- LV passed, Tactical need to test second swivel studs.

##### **Model 700 XCR –TriNyte Coating- G. Sietsema & Ballo**

- Need an update on DAT/T&P and Production.
- Intellectual property – status of patent?
- Marketing reviewed polished samples as proposed for current product and has elected that the satin finish is where the product needs to stay for now.
- 50 piece T&P March 4-5 to Trull and Camo.
- Patent applied for all long guns with and with out nickel.
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##### **Model XR-100- Mroz & Perniciaro**

- Status Update on Gun – DAT, T&P, etc.
- Discuss findings on gun that failed to eject spent cases at Sales Meeting.
- Discuss fire control process
- Fail to eject-ejector hole full of brass, cleaned up brass

##### **Model 700 SPL Fire Control – Mead**

- Update on testing/timing. – Mead
- Discuss an externally adjustable design (M40-XB replacement)

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

- Status of M700P LTR
- Status of 700 Tactical
- New magazine box, prototypes in, tooling 1<sup>st</sup> article mid-April, production 1<sup>st</sup> of May.

#### **Ilion Quality Issues – Rifles**

##### **Model 700 Varmint Accuracy Standards - S. Perniciaro/McGlory**

- Status on protocol to establish accuracy standards for varmint guns with Ohler system
- Marketing wants to plan to guarantee MOA accuracy out of all varmint guns for 2006.



### **Mayfield Topics**

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

- T&P Update
- Timing for Implementation

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

- Status of DAT/T&P with new stocks from Boyd's

#### **Model 504 Improvement Program – Lance/Vicars**

- Update on current progress with program