

- **Model 7400 Improvement Project**  
 OBJECTIVE: Quality Issue  
 ACTION: Trull must have information to present to customers at IWA. Primarily, what we are doing, why we are doing it and when we will see the changes. Also, how to handle the 150-200 35 Whelen guns that Borchers has in their possession.
- 1.7% average malfunction rate with new oriface holes.
- Design complete 5/28
- Production and T&P 12/15
- Production start 1/05
- International Winter Program ships in October, Trull to indentify specs for implementation.
- **Bolt-Action Rifle Torque Settings at Final Assembly**  
 OBJECTIVE: Quality Issue  
 ACTION: Manufacturing to confirm that processes have been changed at final assembly.
  - Manufacturing fine tuning process
  - Action: Iliion to confirm that all controls are in place by March PTM.
  - Complete and in place

**Rutland Plywood 870 Exp stock**

- Adds \$0.75 in cost per gun
- Reduces scrap rate
- Should be economic calculation

**R&D TOPICS**

**E-Town Development Topics**

- **Model 597 Performance Improvement**  
 OBJECTIVE: Performance Improvement of 597  
 Action: Diaz to advise of redesign efforts.
  - Different magazine springs & box designs being evaluated
  - Should start shooting new boxes week of 2/2
  - Three different boxes .070", .120", .140"
 ACTION: Get boxes to J Trull once we have redesigned box
  - Objective-reduce malfunctions, make mag box more user friendly
  - Flexible capacity, overall length
  - Changed internal geometry-reduced width and increased height
  - Tested mag springs and mag followers
  - Evaluated 13 different configurations
  - Current malfunction rate 9-15%
  - Narrow box configuration <2%
  - Final proposed configuration was .1%-(1 malfunction in 1300 rounds)
  - 9 Round capacity
  - Design easiest to load clean and dirty-300 rounds on each box
 To implement
  - Need new mag box cores
  - Remove 10 on outside of box
  - Change follower