

Changes from last report in bold.

ENGINEERING STAFF MEETING

Minutes from -8-6-07 Meeting

MODEL 7

MODEL 700

1. **TBD** – Design and evaluate using a plastic ADL style follower for both M700 and M7 rifles. Test completed 4-5-06, no endurance issues but some feeding problems. Look at redesigning to optimize using plastic. Need a better way to secure follower spring to follower. Looking at molding the spring in the plastic. By 2-28-07. S/A and L/A rapid prototypes complete. Review with OMP 1-17-07. Project on hold until a designer is assigned.
2. **TBD** – Design new extractor for the 6.8mm SPC & 223 styles. Advised Marketing that Jack Kast has a better design than and will be implemented sometime in 2007. Drawings and models completed 12-19-06. Samples by 1-30-07 Test by 2-15-07. Project on hold until a designer is assigned.
3. **G.Wilks** – change M700 youth pad to match M700 youth and not the shotgun youth. The recoil pad mold will remain as is until the new G&F 20 Gauge youth stock is near completion, at that time we will modify the mold for the M700 youth. **Received samples from OMP 7-11-07.** Should implement in **October** 2007.
4. **P.Olsen** - Changed primary cam angle on M700 bolt handles to reduce impact dings. New samples received ~~4-13-07~~ 5-10-07. Disposition by ~~5-18-07~~. Inspection results 6-8-07 good. Dimensions good material has been resolved by purchasing – 6-27-07 – M.Fitzsimmons. **Approved and complete.**
5. **P.Olsen** – M7 and M700 17 Fireball function issues.
Redesign “Z” spring by 6-15-07 P.Olsen. Spring in HT. Failed 6-22-07.
Designing rectangular coil spring. By ~~8-6-07~~. **Jack Kast will assist.**
Design review of follower by 6-31-07 P.Olsen. Waiting on spring first.
6. **S.Perniciaro** - Can M700 X-Mark Pro trigger pull be controlled to from 3 to 4 pounds?
Accumulating data by 8-24-07.

MODEL 7600

MODEL 7400

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MODEL 750

1. **P.Olsen** – Project to reduce the number of gallery rejects for M750 and M7400. Evaluating going back to 4 lug bolt. Need to resolve feeding issues first with review of new magazine boxes. **On Hold 4-17-07**
 Changed chamber c-bore depth to reduce case head deformation on 270 Win and fixed proof issue but created some feeding issues. Test of other calibers and production implementation by? **On Hold 4-17-07**
 Move ejector hole? **On Hold 4-17-07**

MODELS 572 AND 552

1. **S.Perniciaro** – Eliminate proofing?

METAL FINISH & COLOR

MODEL 870

1. **T.Powers** – Add detent to 20 gauge similar to 12 gauge for cost savings. R.Joy - Testing completed 5-4-07. ECO approved 5-18-07. **R.Skinner** to coordinate cut-in by 8-30-07. Now 10-1-07.

ROUND RECEIVERS

1. **J.Doolittle** – Process under review by 9-15-07.

BARRELS

1. **P.Olsen**- Discussed rifle barrel drawings changes and the need to update the barrel roll marking drawings. (1D, 2D, 3D, 4D -15360 drawing.) Establish cross reference between rifle barrel drawings and marking drawing by ~~5-15-07 6-30-07~~ 7-31-07. **Issue ECO 8-17-07.**
2. **T.Powers** - Discussed shotgun barrel drawings changes and the need to update the barrel roll marking drawings. Establish cross reference between shotgun barrel drawings and marking drawing by ~~4-1-07 5-15-07 6-30-07~~ ECO out for approval 7-16-07. **Complete.**

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STOCKS

1. **T.Powers** - Coordinate upgrading all wood stock drawings and PPI with E-Town. ~~Finished rifle drawings completed 2-28-07. S.Perniciaro reviewed 3-30-07. ECO under review for approval by 4-20-07 5-15-07~~ **Approved 6-4-07 and complete.**

a. Status of short stock and fore-end drawings – start ~~June~~ **August 2007**.

b. Need to validate E-Town solid model drawings by 3-30-07 4-30-07 1 verified 4-16-07, the remainder by ~~5-30-07 6-15-07 6-30-07 7-31-07~~.

Long Stocks complete by 8-31-07. Short stocks by 7-31-07 8-31-07 9-30-07.

c. PPI long stock information by 3-30-07 4-30-07 5-9-07 5-31-07 6-30-07 7-31-07 **8-17-07.**

OTHER

1. **J.P.Olsen** – Remington Rear Sight assembly's adjustment screws are too weak. Either the screw or the wrench fails. Elevation screw was being over-torqued at assembly. Corrected. Redesign with Torx or other screw system. By ~~4-30-07~~ Received quotes 5-15-07 except Torx. Torx by 5-18-07 no quotes. Hex and slotted, 100 each by 6-15-07 6-22-07 8-20-07 – **M.Fitzsimmons**. Test complete by ~~6-30-07 8-31-07~~.

FLAT RECEIVERS

1. **M.LeMay** – Process under review by 9-15-07.

CUSTOM SHOP

TEST LAB

1. **B.Joy** – Test results of X-Mark Pro LH. By 7-31-07. **Completed .**

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