

<u>PROJECT NAME</u>	
Project Leader	
RED Action Items:	
Final Production Date:	

<u>MPAS</u>	
(Multi-Port Autoloading Shotgun)	
Andy Haskin	
RED Action Items:	DAT guns are complete waiting on 30 new barrels. Scheduled to ship guns to E-Town for DAT testing 11-3-08.
Final Production Date:	

<u>Adjustable X-Mark Pro</u>	
(M700 Fire Control)	
Craig Becker	
RED Action Items:	None
Final Production Date:	

ILION - NEW PRODUCTS STATUS REPORT

As of: 9/30/2008
Prepared by: S.Perniciaro

NEXT MILESTONE				STATUS	
Base Line Date		Estimated Completion Date		Red	Green
Base Line Date		Estimated Completion Date			

Complete DAT/Project Review			
4/25/2008		12/18/2008	
9/18/2008		10/1/2009	

Complete T&P			
10/9/2008		10/9/2008	10/17/2008
10/30/2008		10/30/2008	

<u>Active NPP's</u>		
(Not major gun designs)		
<u>Commercial - On Schedule</u>		
Commercial NPP's Behind Schedule		
	2008-133	Engineering
	2008-134	Engineering
	2008-136	Engineering
	2009-07	Engineering
	2009-17	Engineering
	2009-22	Engineering
	2009-29	Engineering
<u>LE/MPD - On Schedule</u>		
LE/MPD NPP's Behind Schedule		
	2006-ML27	Production
	2006-ML43	Production
	2008-LE07	Customer Sample sent for approval - 9-27-08.
	2008-LE08	Customer Sample sent for approval - 9-27-08.
	2008-GS04	Production

Number of Active NPP's	
19	
7	
5	
5	

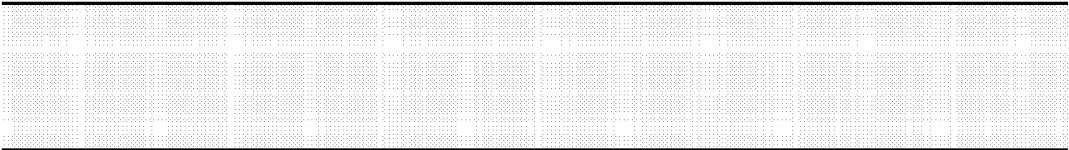
Elizabethtown R&D Program Status

As of: 9/30/2008
Prepared by: Scott Franz

Project Leader	<u>PROJECT NAME</u>
RED Action Items:	
Final Production Date:	

	<u>NAR</u>
New Autoloading Rifle Jeff Stone	
RED Action Items:	
Production	

	<u>M/105 CTI</u>
Mike Keeney/Streeter	
RED Action Items:	



Complete build -49 9 guns
Proceed w/40 9 gun test
Complete 2 gun build
2- Gun Test

Design/test efforts to date focused on .30-06 SPRG only
NPP needs updating to reflect trigger pull change now 4.5 lb. +/- 1/4 lb. target mean.
Trigger pull refinement stopped for now due to resource reassigned to DARPA project
Marketing will accept a steel receiver, gun weight 7.5 lbs. Max - Will simplify design but reqs. significant redesign.
Redesigned extractor results are positive to date
Stock grip reworked - Sample sent to Marketing for review (Input still needed)
Currently at total yearly funding level - spending continues to advance the project as needed
This project is a good candidate to revamp to a new development process with formal toll gates
PTM comment - Marketing to look into external feedback on design cosmetics and functionality
Main resource in Black Belt training the week of 9/22. This may impact program progress.
Signacast reluctant to work with us due to past history. Need to identify a new steel cast house.

Build stopped on 9/17/08 to investigate low power, DSMO's and latch issues identified in Alberta guns.
5 of 6 Alberta guns had issues in the field (DSMO's, latch issues (loose shim), and power

Remington Arms Co. Confidential

<autodate>

<u>Base Line Date</u>		<u>NEXT MILESTONE</u>
<u>Base Line Date</u>		

Complete DAT
2/13/2008

EET Activity - Address Known Issues

1/15/2009

Build Suspended due to Power, DSMO & Loose Int. Latch Shims
Power- Peen valve seats in gas cyl.
DSMO - Modify carrier or new buffer to reduce bounce
Loose Int. Latch Shims - Affix with cbl. stick tape

STATUS									
Estimated Completion Date									
Red									
Green									
Estimated Completion Date									

TBD - Back in EET/Redesign									
Week of 9/15									
Follows build									
+ 2 weeks									
10/13/2008									
Defective parts rec'd, rework pushes this to early Oct.									
Tests Bolt Ass'y, Gas Sys. Changes only									
Reworking cast Al receiver									
Tests new Mag., cast rec., stock attachment, w/old TPA									
TBD - 2011 Product									

10/3/2008									
9/30/2008									
9/30/2008									
Prod. fixture ready									
Test carrier change									
Test on 9/30/08									

<autodate>

Final Production Date:

Remington Arms Co. Confidential

Design testing a change to the Carrier to reduce carrier bounce (bounce causes DSMO's)
Illion automating valve seat peening process to reduce gas leakage in the comp. system to address low power
Carriers still a concern from Conn. Spring for next phase ramp up to 100 guns/day
How to check repair kits for low power issues??
Clean-up existing inventory - In process
Jeff Rooks QC group is now involved to investigate main gallery issues. Daily meetings to be held.
20 gun build in process with peened gas ports, taped shims, and machined carriers. To be tested 9/30

Start 25 guns/day 9-2-08 then 100 guns/day start 10-1-08 6,000 guns by 12-31-08 (Need to re-evaluate when build restarts)

<autodate>

Remington Arms Co. Confidential

9/2/2008 Started on time but suspended due to performance issues.



V. Norton/W. James	M/887 Pump
RED Action Items:	
Final Production Date:	
B. Jarboe/G. Dennison	New Sniper System
RED Action Items:	
Jim Ronkainen	DARPA BCS Support

<autodate>

Remington Arms Co. Confidential

8 Alberta guns performed well in the field. Positive response from writers and Marketing.
Low POI path forward is to use a middle bead sight and use figure 8 sight picture
Early EET test results - Fail to ejects and feeding issues (investigating continues to determine causes)
Thermal evaluation completed. Will switch to Zytel 409 for the barrel overmold.
Unproven design changes to be tested in EET testing - underway (passed SAAMI testing)
Marketing Feedback on Alberta Guns prior to hunt - Actions sticky on some guns during lockup/unlock
Purchasing has improved the cost, which now stands at \$154.20. This activity continues.

T&P - 200 guns by 12-30-08








5-shot box
10 Shot Box

Rev. 2 Rifles
MPD evaluating 1 sample

Continue evaluation on Rev. 2 rifles
10 round magazine performance unknown - Still no samples rec'd to date
Delivered oversize bolt heads to Fort Bragg on 9/9/08 - Improved bolt bind
CADEX redesign complete - fabrication underway on 5 stocks - Having issues with folding mechanism
Recoil pads with different densities on order due to Fort Bragg feedback
USSOCOM Package build delivery date estimated to be 3/1/09

CAD Model
Detail Drawings

<u>Complete 12 Gun EET Test</u>	
<u>Reconcile Dimensional Non-conformance Issues by Part</u>	
	<u>Complete DAT</u> 6/2/2008
8/20/2008	
<u>Magazine Boxes</u>	
	6/10/2008
<u>Build 5 Rev. 2 Prototype Rifles</u>	<u>7/28/2008</u>
<u>Build Rev. 3 Rifles to Address Bolt Bind Issue</u>	
<u>USSOCOM Solicitation</u>	10/1/2008
<u>Design Ti Scaled Up M/700 Receiver for .338 LaPua</u>	

		9/22/2008 Continuing Design changes to Ejector & Receiver needed		
		9/28/2008 Continues		
		12/1/2008 Receiver change is long lead		
		12/22/2008 No production in 2008		
Completed			9/30/2008 Still waiting f/samples	
	8/22/2008	Complete Awaiting feedback		
			9/30/2008 In Process	
			1/1/2009 Date moved based on best input	
95 % complete + 1 week after CAD model completion				

RED Action Items:

Engineering Evaluation of External Design Platforms (f/Mike Haugen)

JiraneK/Jarboe/Dennison

RED Action Items:

Additional DoD/MPD and External Remington Projects
DPMS REPR
Magpul REPR
Bushmaster Firearms Inc. C15 Testing
ACR/Masada Testing
Gas Piston Development Project
870 MCS Testing for Singapore ?
H&R Stock Modeling for formers
AR Style Thumbhole Stock
Shot Detector

Venom Fire Control

Bolt Body
Bolt head
Picatinny Rail
Recoil Lug
Trigger Guard

CAD Model

Detailed Drawings

Project Completion

Rapid prototype parts made of action components and forwarded to BCS for review. No feedback as of 9/30/08.
"Dumb" CAD models sent to Magpul Industries to support their stock development efforts.
Involvement with BCS started 2 months and almost 2 weeks into 6 month project

Design Action Components - Scope of design assistance expanded

Submit 2 Prototype Rifles and test data to DARPA
Nov. 28, 2008

Evaluate 1 prototype rifle in .338 Lapua and 1 rifle in .308
Will have guns for 2-3 weeks - Still waiting for guns

Will vie for already burdened resources
Guns not received as of 9/30/2008. Assume we will not see these.
Evaluation defined and in review

Jarboe/Dennison	F/A Engr.
team?	F/A Engr.
Jiranek	R&T
Test Lab	R&T
Jarboe	F/A Engr.
Jiranek	R&T
Blanford	R&T
Watts	R&T
Pendleton	R&T
Pendleton	R&T

Started on Bolt Ass'y componets & recoil bracket
100 % complete
100 % complete
100 % complete
100 % complete
0% - Stock design required prior to start

In process. Targeting 10/1/08 to transfer to BCS.

Late start

Test completed to evaluate two barrel coatings(16" bbls). Report in process.
Formal report issued on 9/25/08.
Waiting for test guns - No change
Expect 4-5 samples in mid to late October for eval.
Summit meeting held and design direction established.
Assume this will not happen.
All 3 stock models complete and rapid prototypes submitted for review
Redesigned and presented at PTM. Marketing to shoot before offering feedback.
Work on as time permits
NSWC testing completed and report issued. HERO test done, waiting on report. Unit
identified in Iraq to receive test samples - Jan '09?

Mayfield NPP Status

PROJECT NAME
Project Leader:
Action Items:
Final Production Date:

M597 Blue Laminate w/ "First in the Field" Logo
Gerald Vicars
Action Items:
Final Production Date:

M770 Improved Camming
Gerald Vicars
Action Items:
Final Production Date:

MAYFIELD - NEW PRODUCTS and NPP STATUS REPORT

Year	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100

Assemble first 500
Ship first 500 rifles

Firing Pin Heads late ---- Will not arrive until

Mayfield NPP Status

As of: 9/29/2008
Prepared by: G.Vicars

NEXT MILESTONE		STATUS	
Base Line Date	Estimated Completion Date	Red	Green
Base Line Date	Estimated Completion Date		

5/30/2008	6/5/2008	
202 ea. 298 ea.	5/14/2008 Boyd's Late	5/23/2008 5/22/2008 5/28/2008 6/2/2008 6/5/2008
5/30/2008	6/5/2008	

1/16/2008	5/30/2008	
100 FAS Samples Rec'd	Due 4/16/2008 Due 4/30/2008	5/9/2008 5/19/2008 5/15/2008
E-town to Mayfield to evaluate	Rec'd 4/7/2008 5/9/2008	5/12/2008 5/22/2008 5/19/2008
E-town to drop order Guns in E-town	5/28/2008 5/30/2008 6/6/2008 5/30/2008	Complete Complete Complete 7/7/2008
5/30/2008	7/14/2008	8/1/2008 8/15/2008

M770 Trigger Block Fire Control

Action Items:

Final Production Date:

Action Items:

Final Production Date:

Action Items:

Final Production Date:

Action Items:

Final Production Date:

Mayfield NPP Status

New MIM Trigger Complete

Receiver Insert PPAP

Side Plate PPAP

Safety Arm PPAP

Assemble and Evaluate
Production

Mayfield NPP Status

7/20/2007	10/30/2008		
	9/4/2008	In-Process	9/24/2008
	7/16/2008	Rejected-Resubmit	10//3008
	7/31/2008	Rejected-Resubmit	9/30/2008
	8/6/2008	In-Process	
	10/13/2008		
	10/30/2008		
10/30/2008	10/30/2008		
4/7/2008	4/7/2008		
		None	
5/30/2008	6/5/2008	Complete	
6/15/2008	4/28/2008		
		None	
6/15/2008	4/28/2008	Complete	
6/15/2008	6/15/2008		
		None	
6/15/2008	6/15/2008		

Mayfield NPP Status

<autodate>

Remington Arms Co. Confidential

Mayfield NPP Status

<autodate>

Remington Arms Co. Confidential

Mayfield NPP Status

<autodate>

Remington Arms Co. Confidential

Mayfield NPP Status

<u>M597 HB Tech Target Carbon Fiber Wrapped Barrel, Silver Rec'r, & Royal Jacaranda Laminate Stock</u>
Gerald Vicars
Action Items:
Final Production Date:

<u>M597 Stainless in a RealTree AP HD Camo Stock w/3-9x32mm Scope w/30 round Black Magazine w/Hard Case</u>
Gerald Vicars
Action Items:
Final Production Date:

<u>M597 Modular Stock Tool</u>
Gerald Vicars
Action Items:
Final Production Date:

<u>M770 22-250 Remington</u>
Gerald Vicars

Mayfield NPP Status

Build Mid-May
740 rifles Shipped
Revised Schedule

<autodate>

Remington Arms Co. Confidential

Mayfield NPP Status

5/26/2008		6/5/2008		
		None		
		5/30/2008 6/16/2008	Assy. Started	6/2/2008
June '08	300			
July '08	450			
Sept. '08	450			
Oct. '08	550			
6/8/2008		6/8/2008		
FAS approval on stocks Canadian customer has backed off Moved to Spring Program				
6/8/2008		6/8/2008	9/19/2008	
1/1/2009 -		1/1/2010		
Final Design Approval & CAR RFQ's out to six (6) potential suppliers				
1/1/2009		1/1/2010		
1/1/2009 -		1/1/2010		

Mayfield NPP Status

Action Items:
Final Production Date:

<u>M770 S/S w/ Black Syn. Stock, Rec'r Lasered "Kentucky Proud"</u>
Gerald Vicars
Action Items:
Final Production Date:

<u>M597 .22 LR Mossy Oak Pink Camo w/ RMEF Medallion</u>
Gerald Vicars
Action Items:
Final Production Date:

<u>M770 Stainless Realtree AP HD Camo w/ RMEF Medallion</u>
Gerald Vicars
Action Items:
Final Production Date:

Mayfield NPP Status

Rifles available for E-town Testing

Remington Arms Co. Confidential

<autodate>

Page 34

RE0002827

Mayfield NPP Status				
	4/15/2008			
1/1/2009	1/1/2010			
6/6/2008	6/6/2008			
Receivers complete				
Assemble	5/27/2008			
Target	5/28/2008			
Pack	5/28/2008			
6/6/2008	6/6/2008	Complete	6/2/2008	
5/2/2008				
Inlet Stocks for Medalion prior to Camo		7/24/2008 Complete		
Stocks to Par 4 for Camo				
5/2/2008	10/15/2008			
4/11/2008	5/2/2008			
Inlet Stocks for Medalion prior to Camo		7/24/2008 Complete		
Stocks to Par 4 for Camo				
10/15/2008	10/15/2008			

Mayfield NPP Status

<u>M597 Blued Barreled Action w/Tru-Glo Sights and Realtree AP HD Grn Stock --- Friends of the NRA Special</u>
Gerald Vicars
Action Items:
Final Production Date:

<u>M597 Syn. Scoped Combo w/ 30 Round Magazine</u>
Gerald Vicars
Action Items:
Final Production Date:

<u>M597 22LR w/TruGlo Fiber Sights and Next FLX Camo</u>
Gerald Vicars
Action Items:
Final Production Date:

<u>Active NPP's</u>
<u>Mayfield NPP's</u>
Mayfield Non-NPP Projects
NPP's Behind Schedule

M770 Trigger Block Fire Control

Remington Arms Co. Confidential

<autodate>

Page 37

Mayfield NPP Status

5/12/2008	6/2/2008	
Special Labeling required RealTree AP HD Green Camo Stock	8/14/2008 Color Works Rejected (2x) Tarjac to supply	
6/2/2009	6/2/2009	
5/13/2008		
10/1/2008		
8/14/2008		
Need 25 stocks for sample guns	Sample Stock Approved 9/4/08	
4/1/2009		
Number of Active NPP's		
	14	
	1	
	1	

Marlin R&D Program Status

9/29/2008

Prepared by: Bruce Rozum

PROJECT NAME		NEXT MILESTONE
Project Leader	Base Line Date	
RED Action Items:		
Final Production Date:	Base Line Date	

XS7		Engineering Evaluation & Testing
Short-Action Bolt Action CF		10/16/2008
Dave Camera		
RED Action Items:		
Production		3/28/2009

XS7 Youth		Recoil Pad Design
		11/26/2008
Dave Camera / Charles Olsen		
RED Action Items:	None	
Final Production Date:		3/28/2009

M/338MXLR		Testing
338 Marlin Express		11/1/2008
Charles Olsen		
RED Action Items:	none	
Final Production Date:		11/1/2008

Estimated Completion Date	STATUS	
	Red	Green
10/16/2008		
3/28/2009		
11/26/2008		
3/28/2009		
11/1/2008		

<u>M/1895 SBL</u>		<u>Testing/Production Support</u>
Full length Magazine/ big loop lever Charles Olsen		Based on Manufacturing Eng. Timeline
RED Action Items:	None	
Final Production Date:	Not Determined, No Specification Sheet	
<u>M/795 LaserStock</u>		<u>Prototype Build</u>
Dave Camera		10/31/2008
RED Action Items:	None	
Final Production Date:	2009	
<u>M/XLR High-Comb Stock</u>		<u>Project - On Hold</u>
Charles Olsen		
RED Action Items:	None	
Final Production Date:	Project on hold per New Products Meeting held 8/7/08	
<u>Pro-Fire Rimfire Trigger</u>		<u>Prototype Build</u>
Charles Olsen		10/28/2008
RED Action Items:	none	
Final Production Date:	Not Determined, No Specification Sheet	

	10/31/2008		10/28/2008
	TBD		

<u>New Sight System</u>		<u>Marketing Study</u>
Dave Camera	TBD	
RED Action Items:	None	
Final Production Date:	Not Determined, Based on Marketing study & feasibility	
<u>XL7S</u>		<u>Support Production</u>
Stainless Bolt-Action CF	Based on Manufacturing Eng. Timeline	
Dave Camera		
RED Action Items:	None	
Final Production Date:	Not Determined, No date on master schedule.	
<u>XS7 Varmint</u>		<u>Design Development</u>
223 Rem, 204 Ruger Calibers	TBD	
Dave Camera		
RED Action Items:	None	
Final Production Date:	Not Determined, No Specification Sheet	
<u>XM7</u>		<u>Design Development</u>
Magnum Bolt-Action CF	TBD	
Dave Camera		
RED Action Items:	None	
Final Production Date:	Not Determined, No Specification Sheet	

TBD	
TBD	2010
TBD	2011

<u>New RF Lever-Action</u>		<u>Concept/Specification Development</u>
TBD	TBD	
RED Action Items:	None	
Final Production Date:	Not Determined, No Specification Sheet	

<u>270 Marlin Express</u>		<u>Rifle/Ammunition Concept Development</u>
TBD	TBD	
RED Action Items:	None	
Final Production Date:	Not Dctermined, No Specification Sheet	

<u>Active NPP's</u> (Not major gun designs)		<u>Number of Active NPP's</u>
<u>Commercial</u>		11
# Commercial NPP's Behind Schedule		0

TBD		
-----	--	--