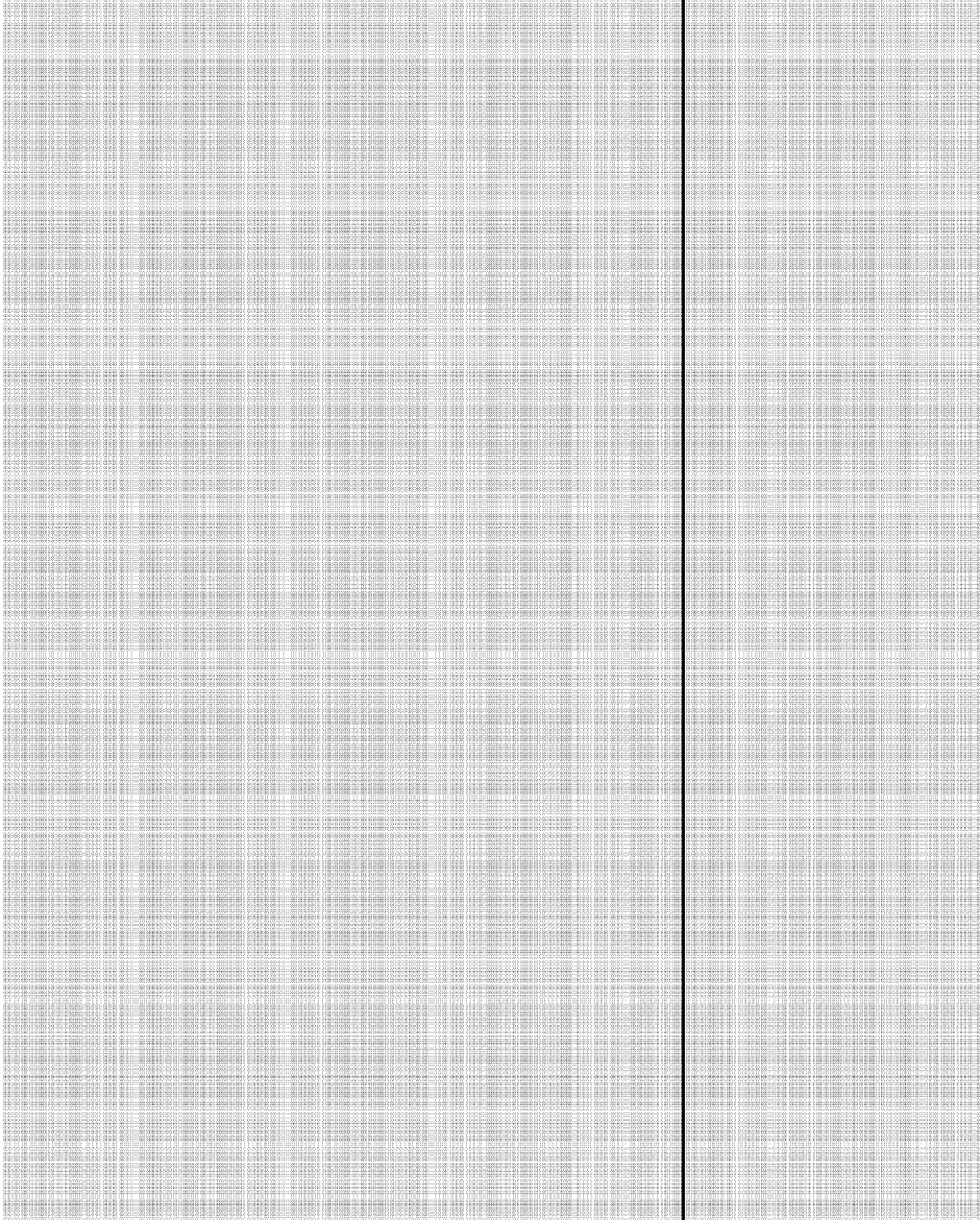
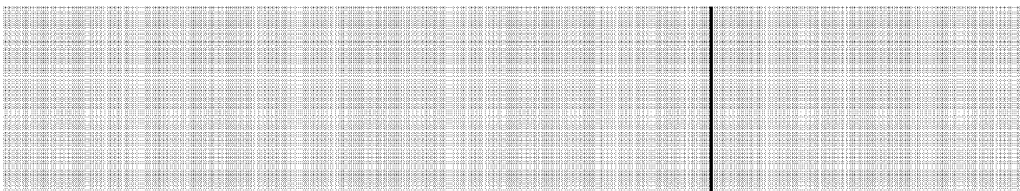
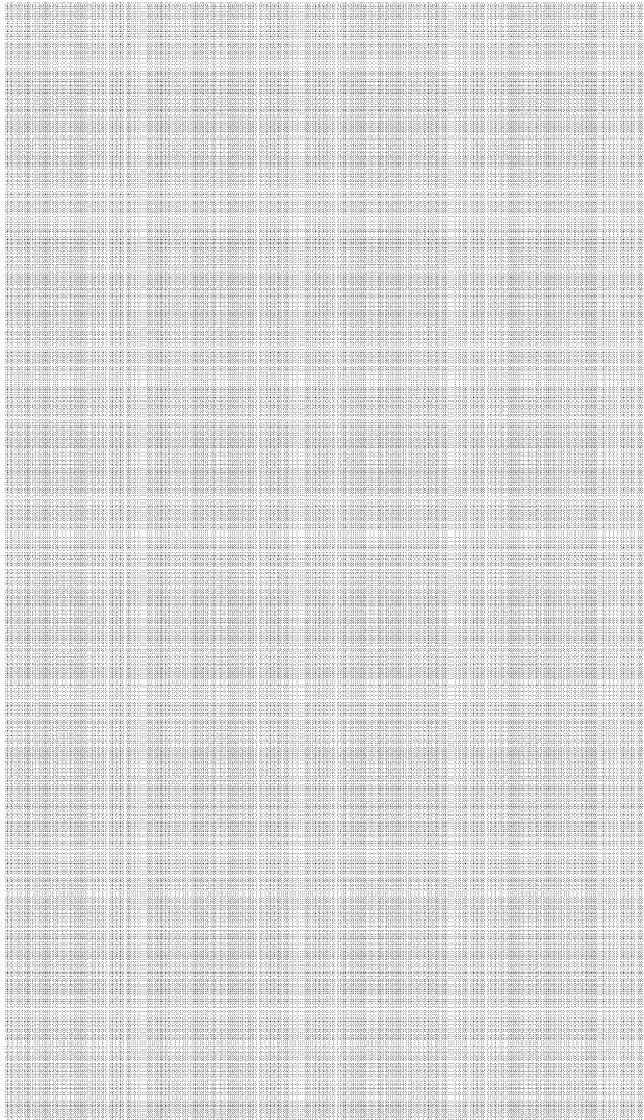


General Project Information		
Black Belt Name	Jim Ronkainen	
Black Belt Training Wave	Wave 2	
Champion Name	Scott Franz	
Financial Rep	?	
Site Location		
Project Title	Trigger Pull Variation for XMP Trigger Assembly	
Keywords for Search	trigger pull	
Project Type	R&D	
Improvement Metrics		
Primary Metric	trigger pull variation	
Primary Metric Type	Product Specification	
Primary Metric Baseline		
Primary Metric Project Goal		
Secondary Metric	trigger pull average	
Secondary Metric Type	Product Specification	
Secondary Metric Baseline		
Secondary Metric Project Goal		
Project Timing		
Project Start Date	09/22/08	
Project Completion Date	TBD	
Business Impact		
Est. Annual Savings		
Est. Inventory Savings		
Est. Revenue Increase		
Process Improvement Ideas		
Project Objective	(Quantify for Primary Metric)	The goal of this project is to understand the causes of trigger pull variation with the XMP trigger and address them through design and process changes to minimize the trigger pull variation of the trigger assembly.
Processes Impacted		Trigger subassembly, final assembly, inspect and pack
What do we hope to learn?		Investigate the causes of trigger pull force variability on the X-Mark Pro (XMP) trigger assembly.
Briefly explain in words the financial impact of this project		The financial impact of this project will be to reduce the time spent in production setting and adjusting trigger pull to specification. Savings calculations will need to be done by Ilion IE to quantify savings (if any).







Serap, FPY, RTY, Product Spec, Dollars Saved, Product Return Rate, Productivity, Cost Avoidance, Inventory, Sales, Other	
Loncke	Manufacturing
Ilion	R&D
Mayfield	Transactional
Marlin	
Bushmaster	
Madison	

Scrap
FPY
RTY
Product Specification
Dollars Saved
Product Return Rate
Productivity
Cost Avoidance
Inventory Reduction
Sales
Other

Project Update Date - Today's Date Last Champion Meeting Date		Updates 09/25/08												
Key Project Learnings To-Date		1. measurement system qualification is key to making any progress on this program.												
Identify areas outside the scope of this project where key learnings may be valuable														
Project Accomplishments (since last update)		1) Thought map refined, 2)process map refined, 3)initial sampling plan created												
Project Next Steps		1) conduct study to select measurement system for future testing												
Completion Timing			2008					2009						
Anticipate On-Time Project Completion?		(Yes/No)	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Sep-09
If no, new project completion date		Date	Yes											
Improvement Metrics			2008					2009						
Trigger pull variation		Actual	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Sep-09
lbs		Target												
Trigger pull average		Actual												
lbs		Target												
Project Business Impact (\$)			2008					2009						
Annual Savings		Actual	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Sep-09
		Target												
Inventory Savings		Actual												
		Target												
Revenue Increase		Actual												
		Target												

Oct-09 Nov-09 Dec-09

Oct-09 Nov-09 Dec-09

Oct-09 Nov-09 Dec-09