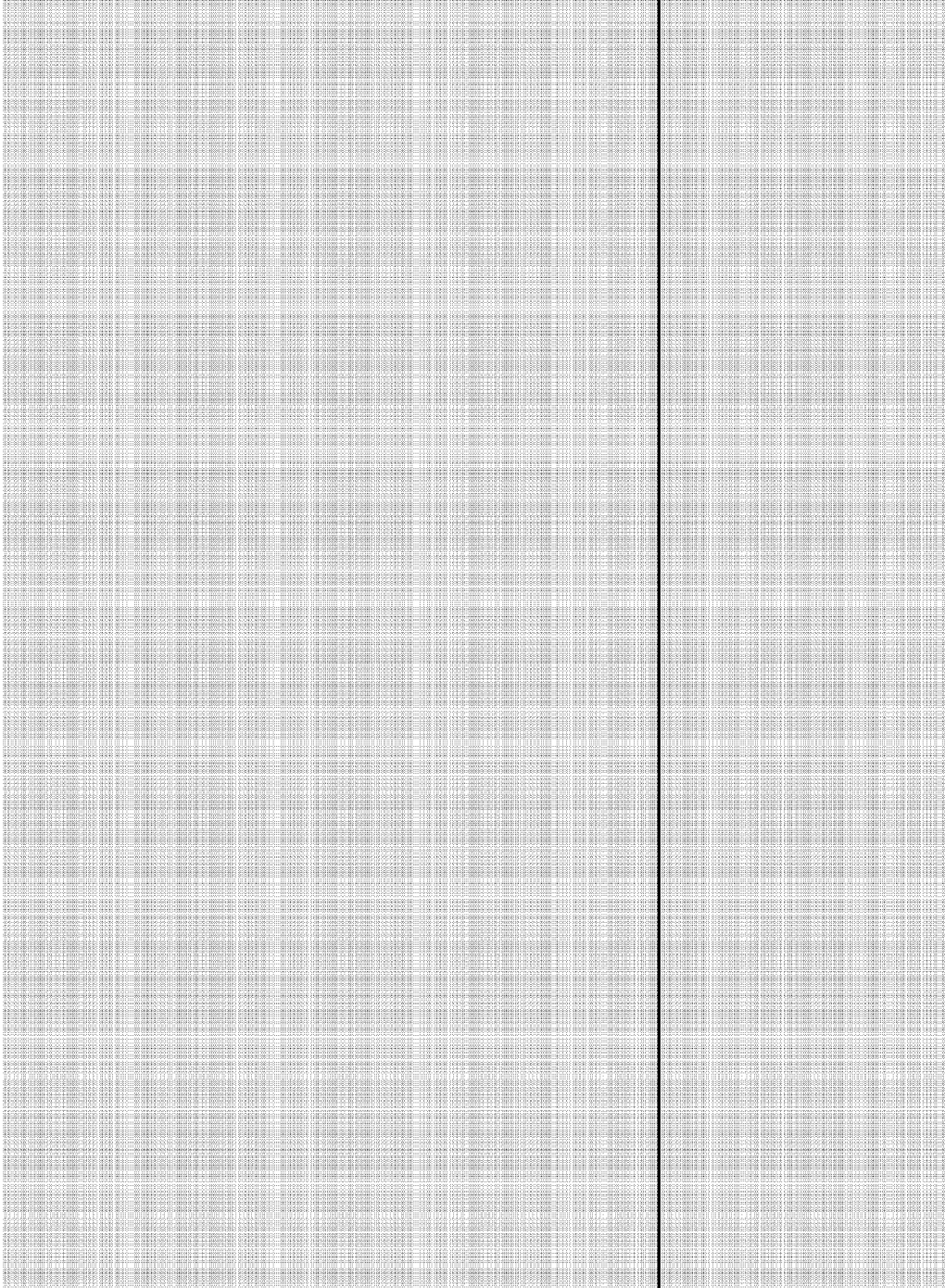
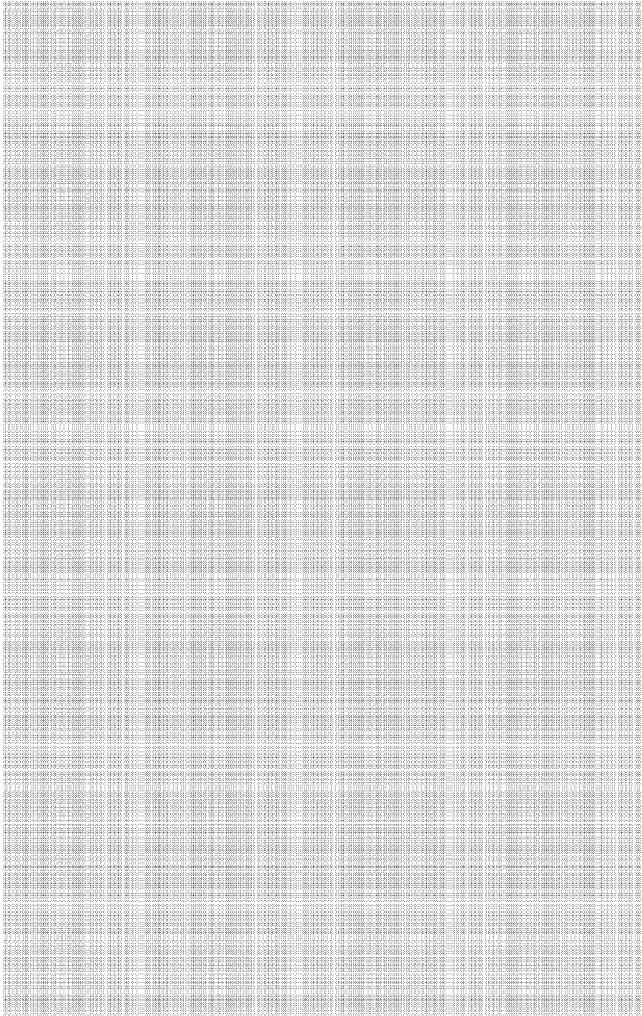


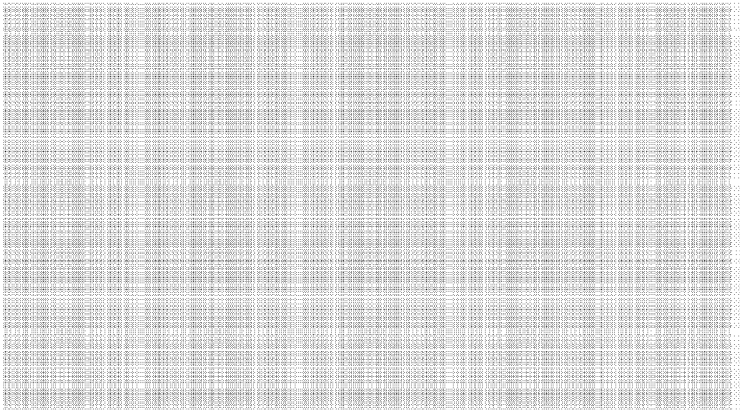
General Project Information	
Black Belt Name	Jim Ronkainen
Black Belt Training Wave	Wave 2
Champion Name	Scott Franz
Financial Rep	?
Site Location	
Project Title	Trigger Pull Variation for XMP Trigger Assembly
Keywords for Search	trigger pull
Project Type	R&D
Improvement Metrics	
Primary Metric	trigger 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. 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).
Briefly explain in words the financial impact of this project	





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

Project Update Date - Today's Date		Updates													
Last Champion Meeting Date		12/05/08													
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) MSE plan created and reviewed with Tony. 2) Measurement sensitivity test (not planned, only if needed). 3) Sampling plan for trigger pull setting planned and reviewed with Tony.													
Project Next Steps		1) conduct MSE to select measurement system for future testing when time permits													
Completion Timing		2008					2009								
Anticipate On-Time Project Completion?		Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09			
If no, new project completion date			Yes			No 6/30/2009									
Improvement Metrics		2008					2009								
Trigger pull variation lbs		Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09			
Actual															
Target															
Trigger pull average lbs															
Actual															
Target															
Project Business Impact (\$)		2008					2009								
Annual Savings		Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09			
Actual															

Jul-09 Aug-09 Sep-09 Oct-09 Nov-09 Dec-09

Jul-09 Aug-09 Sep-09 Oct-09 Nov-09 Dec-09

Jul-09 Aug-09 Sep-09 Oct-09 Nov-09 Dec-09

Target	Inventory Savings
Actual	
Target	Revenue Increase
Actual	
Target	