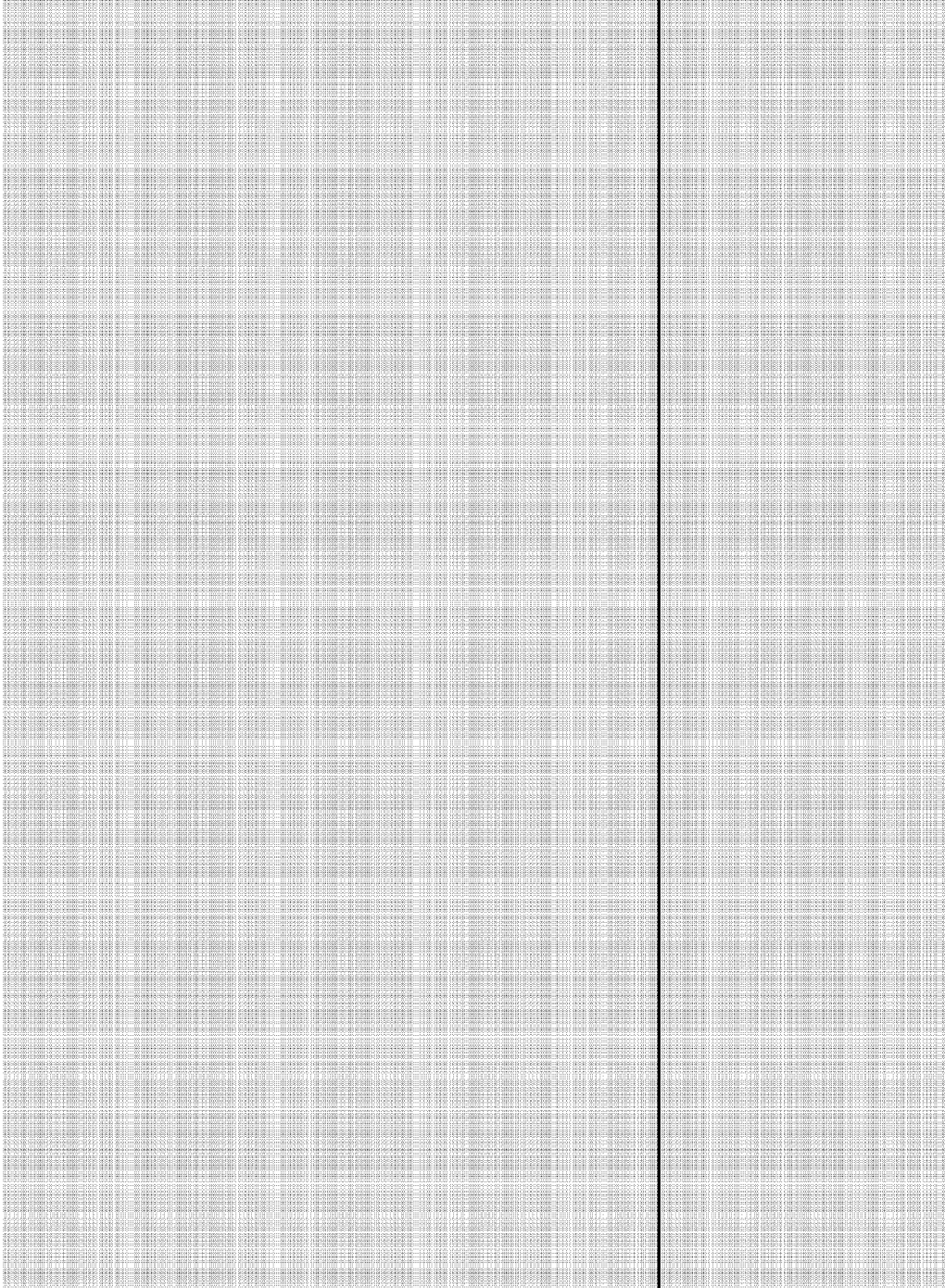
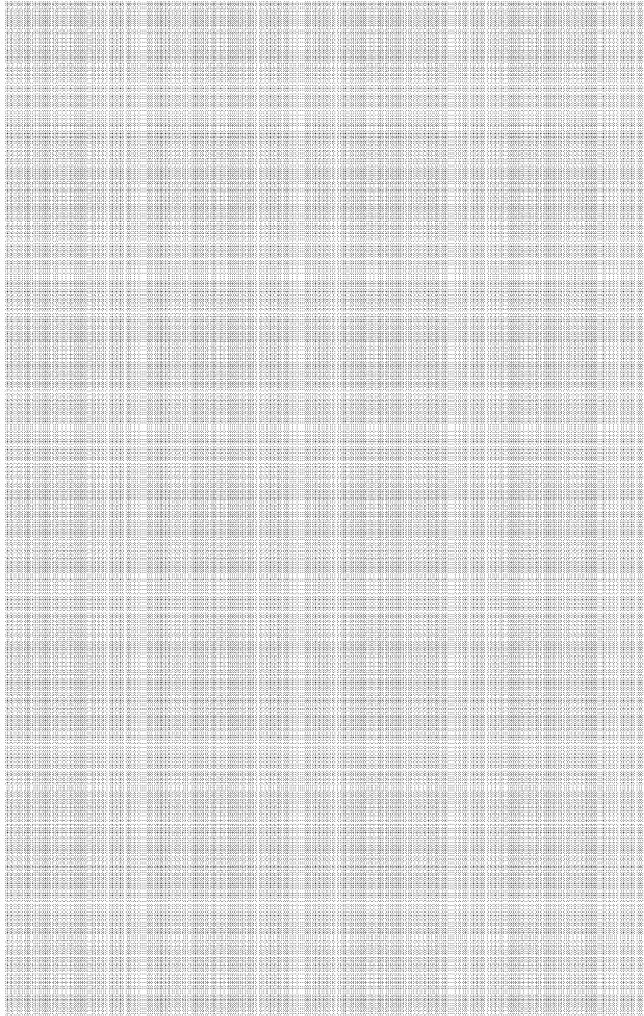


General Project Information	
Black Belt Name	Jim Ronkainen
Black Belt Training Wave	Wave 2
Champion Name	Scott Franz
Financial Rep	?
Site Location	
Project Title	Bolt Action Trigger Pull Variation for XMP Trigger Assembly
Keywords for Search	trigger pull
Project Type	R&D
Improvement Metrics	
Primary Metric	trigger pull variation
Primary Metric Type	Product Specification
Primary Metric Baseline	
Primary Metric Project Goal	
Secondary Metric	
Secondary Metric Type	
Secondary Metric Baseline	
Secondary Metric Project Goal	
Project Timing	
Project Start Date	09/22/08
Project Completion Date	
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, insect 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		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 rofined, 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		
If no, new project completion date		Date													
Improvement Metrics			2008						2009						
<<<Primary Metric Name>>>		Actual	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09		
<<<Primary Metric Type (Units)>>>		Target													
<<<Secondary Metric Name>>>		Actual													
<<<Secondary Metric Type (Units)>>>		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		
		Target													
Inventory Savings		Actual													
		Target													
Revenue Increase		Actual													
		Target													

