Risk Assessment Safety Plan

The Develo	1/12/17		
Name of Project		Date of submission	
Team Member	Phone Number	e-mail	
Darren Beckford	305-484-7329	Dbb11c@my.fsu.edu	
Nicholas Khayata	954-224-0051	Nak12@my.fsu.edu	
Ali Pustelniac	786-385-3017	Agp12@my.fsu.edu	
Kyle Roddenberry	850-661-6568	Mkr14b@my.fsu.edu	
Faculty mentor	Phone Number	e-mail .	
Keith Larson	850 410-6108	larson@eng.fsu.edu	
I. Project description: The team has been tasked with using last transmission (RLT) for a bicycle.	year's project prototype to complete ar	nd perfect a working Reciprocating Lever	
		¥	
Describe steps from printially, the team evaluated the state of the degan to fail. The next step was to determ vorking properly, the team will test the bid	nine whether those items needed to be cycle to find values for power, cadence,		
I. Describe steps from printially, the team evaluated the state of the degan to fail. The next step was to determ working properly, the team will test the bid	ne bicycle prototype. In doing so, the tean nine whether those items needed to be cycle to find values for power, cadence,	im noticed that many components had failed ad fixed or redesigned. Once the prototype is	
I. Describe steps from printially, the team evaluated the state of the degan to fail. The next step was to determ working properly, the team will test the bid	ne bicycle prototype. In doing so, the tean nine whether those items needed to be cycle to find values for power, cadence,	im noticed that many components had failed ad fixed or redesigned. Once the prototype is	
I. Describe steps from prinitially, the team evaluated the state of the degan to fail. The next step was to detern vorking properly, the team will test the bid bicycle and other possible changes will be	ne bicycle prototype. In doing so, the teanine whether those items needed to be cycle to find values for power, cadence, assessed as needed.	im noticed that many components had failed ad fixed or redesigned. Once the prototype is speed and torque. Further examination of the	
I. Describe steps from prinitially, the team evaluated the state of the segan to fail. The next step was to determ working properly, the team will test the bid sicycle and other possible changes will be seen to the first the bid sicycle and other possible changes will be seen the seen the steps of the s	dents result from an unexpethe project and imagine wlather those items needed to be expected to find values for power, cadence, assessed as needed.	im noticed that many components had failed ad fixed or redesigned. Once the prototype is	

IV. Perform online research to identify any accidents that have occurred using your materials, equipment or process. State how you could avoid having this hazardous situation arise in your project.

Pinch points have caused harm to users in the past, along with sharp edges. These can often lead to cuts, bruising or possible worse conditions. Welding and machine shops machinery has also caused injury, such as burns or other lacerations due to sharp machine parts. Bicycle falls have also shown to be an issue. Riders can sometimes lose balance and hurt themselves upon falling or running into objects. Bicycle riders have also been hurt by moving vehicles or road hazards, which is why extra precaution should be taken if tested on the road.

The users assembling the bicycle must any distractions and be cautious in order to avoid pinch points or sharp edges. Proper safety gear, including but not limited to, safety glasses and closed toed shoes will be worn in the machine shop at all times. The rider must proceed with caution, wear a helmet, and possibly wear knee pads and elbow pads, to reduce risk of injury. When in the machine shop all safety rules and regulations must be followed. VI. Rewrite the project steps to include all safety measures taken for each step or combination of steps. Be specific (don't just state "be careful"). The user must use proper tools when assembling various parts of the RLT and bicycle, to avoid pinch points and sharp edges. Before using any tools in the machine shop the proper safety equipment must be worn and proper instruction must be taught by those in charge. Before getting onto the bicycle, a helmet must be secured on the rider. If deemed necessary, elbow/knee pads can also be worn. Caution should always be taken when on a moving object. VII. Thinking about the accidents that have occurred or that you have identified as a risk, describe emergency response procedures to use. Depending on the type of injury, the best and most immediate form of care will be taken. Whether that be ice, a first aid kit, or calling 911 if a serious injury has occurred. VIII. List emergency response contact information: • Call 911 for injuries, fires or other emergency situations • Call 911 for injuries, fires or other emergency situations • Call your department representative to report a facility concern Name Phone Number Faculty or other COE emergency contact Phone Number
Combination of steps. Be specific (don't just state "be careful"). The user must use proper tools when assembling various parts of the RLT and bicycle, to avoid pinch points and sharp edges. Before using any tools in the machine shop the proper safety equipment must be worn and proper instruction must be taught by those in charge Before getting onto the bicycle, a helmet must be secured on the rider. If deemed necessary, elbow/knee pads can also be worn. Caution should always be taken when on a moving object. VII. Thinking about the accidents that have occurred or that you have identified as a risk, describe emergency response procedures to use. Depending on the type of injury, the best and most immediate form of care will be taken. Whether that be ice, a first aid kit, or calling 911 if a serious injury has occurred. VIII. List emergency response contact information: • Call 911 for injuries, fires or other emergency situations • Call your department representative to report a facility concern Name Phone Number Faculty or other COE emergency contact Phone Number
Combination of steps. Be specific (don't just state "be careful"). The user must use proper tools when assembling various parts of the RLT and bicycle, to avoid pinch points and sharp edges. Before using any tools in the machine shop the proper safety equipment must be worn and proper instruction must be taught by those in charge Before getting onto the bicycle, a helmet must be secured on the rider. If deemed necessary, elbow/knee pads can also be worn. Caution should always be taken when on a moving object. VII. Thinking about the accidents that have occurred or that you have identified as a risk, describe emergency response procedures to use. Depending on the type of injury, the best and most immediate form of care will be taken. Whether that be ice, a first aid kit, or calling 911 if a serious injury has occurred. VIII. List emergency response contact information: • Call 911 for injuries, fires or other emergency situations • Call your department representative to report a facility concern Name Phone Number Faculty or other COE emergency contact Phone Number
Before using any tools in the machine shop the proper safety equipment must be worn and proper instruction must be taught by those in charge. Before getting onto the bicycle, a helmet must be secured on the rider. If deemed necessary, elbow/knee pads can also be worn. Caution should always be taken when on a moving object. VII. Thinking about the accidents that have occurred or that you have identified as a risk, describe emergency response procedures to use. Depending on the type of injury, the best and most immediate form of care will be taken. Whether that be ice, a first aid kit, or calling 911 if a serious injury has occurred. VIII. List emergency response contact information: • Call 911 for injuries, fires or other emergency situations • Call your department representative to report a facility concern Name Phone Number Faculty or other COE emergency contact Phone Number
Depending on the type of injury, the best and most immediate form of care will be taken. Whether that be ice, a first aid kit, or calling 911 if a serious injury has occurred. VIII. List emergency response contact information: Call 911 for injuries, fires or other emergency situations Call your department representative to report a facility concern Name Phone Number Faculty or other COE emergency contact Phone Number
Depending on the type of injury, the best and most immediate form of care will be taken. Whether that be ice, a first aid kit, or calling 911 if a serious injury has occurred. VIII. List emergency response contact information: Call 911 for injuries, fires or other emergency situations Call your department representative to report a facility concern Name Phone Number Faculty or other COE emergency contact Phone Number
 Call 911 for injuries, fires or other emergency situations Call your department representative to report a facility concern Name Phone Number Faculty or other COE emergency contact Phone Number
 Call 911 for injuries, fires or other emergency situations Call your department representative to report a facility concern Name Phone Number Faculty or other COE emergency contact Phone Number
 Call your department representative to report a facility concern Name Phone Number Faculty or other COE emergency contact Phone Number
Name Phone Number Faculty or other COE emergency contact Phone Number
KEITH LARSON 410-6108
IX. Safety review signatures
 Faculty Review update (required for project changes and as specified by faculty mentor)
 Updated safety reviews should occur for the following reasons:
1. Faculty requires second review by this date:
2. Faculty requires discussion and possibly a new safety review BEFORE proceeding with step(s)
3. An accident or unexpected event has occurred (these must be reported to the faculty, who will decide if
a new safety review should be performed. 4. Changes have been made to the project.

Date

Faculty mentor

Team Member

Date

Alison Pustelniac	1/20/17	Cly P	1/20/17
Nicholas Khayata Kyle Roddenberry	1/20(17	Maple oft	1/20/17
Darren BECKFORD	1/20/17	Jan Make	1/20/17
faculty advisor: Sponsor:	Keith Larson Gordon Hanse		

Report all accidents and near misses to faculty mentor.