Research Project Quarterly Progress Report

Date: 12/31/2017 **Project Number:** TPF-5(193) Suppl. #119 or RPFP-18-CONC-1

Project Title: PCB Steel Cover Plate for Large Open Joints - PHASE II

Principal Investigator: Rosenbaugh, S.K., Reid, J.D., Bielenberg, R.W., Faller, R.K., & Lechtenberg, K.A.

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Project Start Date: 9/15/2017 **Project Completion Date:** 12/31/2020

Report Period: **Due Date:**

- ☐ Quarter 1 (July 1 – September 30) ---------- October 31
- ☒ Quarter 2 (October 1 – December 31)---------- January 31
- ☐ Quarter 3 (January 1 – March 31) ---------- April 30
- ☐ Quarter 4 (April 1 – June 30)---------- July 31

Project Schedule Status:

- ☒ **On Schedule**
- ☐ **On Approved Revised Schedule**
- ☐ **Ahead of Schedule**
- ☐ **Behind Schedule**

Progress:

Task	Total Budget	% work Completed This Quarter	Expenses This Quarter	Total % of Task Completed	Remaining Budget
1. Project Planning and CAD	$15,299.00	0%	$0.00	0%	$15,299.00
2. Full-Scale Crash Testing	$132,517.00	0%	$0.00	0%	$132,517.00
3. Reporting and Project Deliverables	$25,000.00	0%	$0.00	0%	$25,000.00
4.					
5.					
6.					
7.					
8.					
9.					

Progress and Accomplishments this Quarter:

(Provide an informative summary of tasks/activities that occurred this quarter includes meetings, work plan status, significant progress, etc.)

This project has not begun, since Phase I of the project is still ongoing. Details are provided below.

Circumstances Affecting Project, Scope, or Budget:

(Please describe any challenges encountered or anticipated that might affect the completion of the project within the time, scope and fiscal constraints, along with recommended solution to those problems.)

This project will not be started until the Phase I project (Pooled FUnd Year 26 project TPF-5(193) Suppl. #82) is completed, as Phase I contains the full design, analysis, and selection of the critical impact points required for full-scale testing. This Phase II was funded with this understanding as the project plan (Gantt chart) did not anticipate work to begin on this project until spring of 2018. The project is still anticipated to be completed on time.

Anticipated Work Next Quarter:

If the design of the PCB gap hardware is completed, efforts will begin to detail the system in CAD and the test plan will be put together illustrating the test vehicles and impact points needed for testing.

Total Percentage of Project Completion:

0%