CAPCOG
Monthly Project Status Report

Contract: Operation of CAMS 1605 2016 – 2017 & Ozonesonde Project 2016 – 2017

Grantee: St. Edward's University

Date Submitted: 3/23/17

Report for the **Monthly** period: February 2017

Starting Date 2/1/17 Ending Date 2/28/17

Section I. Accomplishments (*Please provide a bulleted list of project accomplishments as well as a description of their importance to the project.)* **Indicate which part of the Grant Activities as defined in the grant agreement, the above accomplishments are related to:**

- Held twice weekly team meeting with student workers and with Dr. Paul Walter, project manager, and Dr. Gary Morris, PI.
- Flight AT018 launched on Saturday, 18 February. Data posted to http://ir.stedwards.edu/natural-sciences/ozone.
- Monitored data quality from TECO 49i ozone instrument on campus.
- Servicing of CAMS1605 as needed.

Section II: Problems/Solutions

Problem(s) Identified (*Please report anticipated or unanticipated problem(s) encountered and its effect on the progress of the project)*	1. CAMS 1605 ozone instrument (TECO 49i) has low intensity of lamp B. It reads 38 kHz when when 45 kHz is the low end of the cutoff for the specifications. 2. CAMS 1605 ozone instrument (TECO 49i) has high bench temperature (as high as 42.7C, where 40C is the specifications cutoff).
Proposed Solution(s) *(Please report any possible solution(s) to the problem(s) that were considered/encountered)*	1. Carry out service on the ozone instrument to have lamp B back up to normal intensity. 2. Carry out service on the ozone instrument to have temp move back to normal range.
Action(s) Conducted and Results *(Please describe the action(s) taken to resolve the problem(s) and its effect)*	1. Work remains to be completed in future month to resolve the issue causing the intensity of lamp B to be low on the ozone instrument. 2. Temporary fix was to have the lid partly open to allow the ozone monitor to cool to normal range. Work remains to be completed in future month on the ozone instrument.

Section III. **Goals and Issues for Succeeding Period**: (*Please provide a brief description of the goal(s) you hope to realize in the coming period and identify any notable challenges that can be foreseen)*

- Continue to maintain CAMS 1605.
- Correct the issue with the CAMS 1605 ozone instrument (TECO 49i) that is causing the intensity for lamp B to be low.
- Correct the issue with the CAMS 1605 ozone instrument (TECO 49i) that is causing the bench temp to be high.

NOTE*: Please attach any additional information that you feel should be a part of your report or that may be required to meet the deliverable requirements for tasks completed during this reporting period.*

_____ *Date: 23 March 2017*

Authorized Project Representative's Signature