



HASP 2018 Monthly Status Report

Report Month: February 2018
Submitted by: Jesse Lard and Dr. Nirmal Patel
Submit Date: 02 / 023/ 2018
Institution: University of North Florida &
University of North Dakota
Payload Number: 2018-07
Payload Name: Measurements of Good and Bad Ozone
(Ozone Sensors Payload – OSP)

I) Activities During Previous Month:

- (i) The team discussed the payload fabrication work done earlier, issues and failures of hardware and software and also science reports of the previous HASP balloon flights.
- (ii) Made Conceptual Design Review (CoDR) for sensors, electronic circuits, software, and payload, integration of payload with HASP and data analysis.
- (iii) Team replied the comments on HASP 2018 proposal. We are sincerely thankful to Dr. Guzik all reviewers for their appreciation and few minor comments to improve our work. We will take care all suggestions and comments for HASP 2018 payload and flight.

II) Issues Encountered:

None

III) Milestones Achieved:

Preliminary Design Review (PDR) for sensors, electronic circuits, software and payload.
Reviewing science reports and issues of previous HASP flights.

IV) Plans for Coming Month:

- (a) Critical Design Review (CDR) for sensors, electronic circuits, software, payload, integration of payload with HASP and data analysis.
- (b) UNF team will send few sensors arrays to UND team for testing and measurements.

V) Other Comments:

None

VI) Team Composition and Organization:

Name	Start Date	End Date	Role	Student Status	Race	Ethnicity	Gender	Disabled
University of North Florida								
Jesse Lard	10/01/17	Present	Project Leader	Undergrad	White	Non-Hispanic	Male	No
Corrina Yorke	15/11/17	Present	Mechanical	Undergrad	White	Non-Hispanic	Female	No
Zachary Taylor	15/11/17	Present	Electrical	Undergrad	White	Non-Hispanic	Male	No
Kennedy Setser	12/15/17	Present	Electrical	Undergrad	White	Non-Hispanic	Female	No
Devon Cox	15/11/17	Present	Physics	Undergrad	White	Non-Hispanic	Male	No
University of North Dakota								
Denise Buckner	10/01/17	Present	Space Studies	Graduate	White	Non-Hispanic	Female	No
Fnu Anamika	12/1/17	Present	Space Studies	Graduate	Asian	Non-Hispanic	Female	No
Peter Henson	12/1/17	Present	Space Studies	Graduate	White	Non-Hispanic	Male	No