

National Aeronautics and Space Administration  
**Goddard Space Flight Center**  
Wallops Flight Facility  
Wallops Island, VA 23337



April 12, 2018

Reply to Attn of: 802

Mr. Michael Anderson  
Space Dynamics Laboratory  
Utah State University Research Foundation  
1695 North Research Parkway  
North Logan, UT 84341

Dear Mr. Anderson:

NASA Goddard Space Flight Center's Wallops Flight Facility (WFF) is pleased to support the Earth Science Technology Office program's Compact Infrared Radiometer in Space (CIRiS) program under NASA contract number NNX16AC18G.

This exciting instrument and CubeSat mission will adapt an existing instrument to be CubeSat-compatible to validate instrument performance in low-Earth orbit. The CIRiS mission will also validate data-processing algorithms as well as on-orbit instrument calibration, which is important for enabling new instruments that could be used in a variety of missions, including future Landsats. Multiple CIRiS satellites flying in formation could replace larger or more complex instruments and satellites. The data collected could be used for land and water resource management, research, and modeling.

NASA's WFF commits its resources to ensure the success of the proposed CIRiS mission. CIRiS will use the proven WFF ultra-high frequency CubeSat ground station for communication. This system will be used on a sharing basis with a number of other small spacecraft missions and will average roughly two passes per day when in operation, which is expected to be for a six-month period beginning as early fiscal year 2019 and not to exceed fiscal year 2021.

Please contact Ms. Brenda Dingwall in the Advanced Projects Office by phone at 757-824-2969, or by e-mail at [brenda.j.dingwall@nasa.gov](mailto:brenda.j.dingwall@nasa.gov) should you have any questions. We look forward to working with you.

Sincerely,

A handwritten signature in black ink, appearing to read "W. Wrobel".

William A. Wrobel  
Director of Suborbital and Special Orbital Projects