

## **NTRD Program Disclaimers**

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**Texas Commission on Environmental Quality  
New Technology Research & Development (NTRD) Program  
Monthly Project Status Report**

Contract Number: 582-5-70807-0016

Grantee: Valparaiso University

Date Submitted: 12/7/06

Report for the **Monthly** period: November 2006

Starting Date 11/1/06 Ending Date 11/30/06

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:**

- We had 4 launches in November from the campus of the University in Houston, TX, (Revised Task #2).
- Data from our launches is available on the project web site:  
[www.ruf.rice.edu/~ozone](http://www.ruf.rice.edu/~ozone) (Task #6)

Section II: Problems/Solutions

<p><b>Problem(s) Identified</b></p> <p><i>(Please report anticipated or unanticipated problem(s) encountered and its effect on the progress of the project)</i></p>	<ul style="list-style-type: none"><li>• One launch (am on Nov. 8) was missing data on the ascent (from the ground to 15 km). We did get data on the descent, however.</li></ul>
<p><b>Proposed Solution(s)</b></p> <p><i>(Please report any possible solution(s) to the problem(s) that were considered/encountered)</i></p>	<ul style="list-style-type: none"><li>• We will modify our file to use descent data where no ascent data is available. An altitude shift will need to be implemented to compensate for the lag time between measurement and report. We will use descent rate data to adjust the altitude reporting to be consistent with the ascent profile.</li></ul>
<p><b>Action(s) Conducted and Results</b></p> <p><i>(Please describe the action(s) taken to resolve the problem(s) and its effect)</i></p>	<ul style="list-style-type: none"><li>• The modified file will be available by the end of January 2007.</li></ul>

**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)*

We have no additional launches scheduled for December. We will begin preparing our final report to TCEQ on the work accomplished under our 2 year grant.

**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.*

\_\_\_\_\_ *Authorized Project Representative's Signature*      Date: \_\_\_\_\_