# PROCUREMENT DATA REQUIREMENT DESCRIPTION

<table>
<thead>
<tr>
<th>TITLE</th>
<th>NUMBER</th>
<th>DATE</th>
<th>REVISION</th>
</tr>
</thead>
<tbody>
<tr>
<td>RELIABILITY PREDICTION</td>
<td>SDRL 124</td>
<td>1/14/09</td>
<td>NEW</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SUBMITTAL SCHEDULE</th>
<th>APPROVAL TYPE</th>
<th>REFERENCE DOCUMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initial submittal per contract, updates as required</td>
<td><em>X</em> Product Lead  _ _ QF</td>
<td>Approval: <em>X</em></td>
</tr>
</tbody>
</table>

## DESCRIPTION / PURPOSE

The Supplier shall submit an analysis to Orbital demonstrating that the calculated point reliability of the item satisfies the reliability requirement documented in the Specification.

## SCOPE/PREPARATION INSTRUCTIONS

### CONTENT

This reliability calculation shall employ the methods of MIL-HDBK-217F with the environmental stress factors determined from the Parts Application Stress Analysis (SDRL 123).

All calculations, adjustment factors, assumptions, and data sources must be documented and submitted as a part of this SDRL. Functional descriptions and applicable schematics, engineering drawings and parts lists used to perform the reliability analysis shall be provided to enable Orbital to understand the component/system and verify the reliability analysis.

The Supplier shall provide updated submittals of this SDRL in the event of a change to the approved design or to support the disposition of major discrepancies.

Contractor format acceptable. Electronic submission required.

Document shall be delivered to the Orbital Procurement Agent. Approval shall be in the form of a Contracts Letter from the Orbital Procurement Agent. Verbal approval is inadmissible.

PDRD Owner: [Signature] 102901  
Date: 1/15/09  
Supply Chain: [Signature] E100842  
Date: 2/5/09  
Supplier Quality Assurance:  
[Signature]  
Date: 1/15/09