

**ME476C: Senior Design Project  
Status Report: November 15, 2004**

**Brittany Knaggs**

700 N. Magma Way  
Flagstaff, AZ 86001  
Phone: (623) 695-6086  
Email: [bak29@dana.ucc.nau.edu](mailto:bak29@dana.ucc.nau.edu)

**Daniel Morin**

901 S. O'Leary St. Apt# 59  
Flagstaff, AZ 86001  
Phone: (623) 628-6258  
Email: [djm62@dana.ucc.nau.edu](mailto:djm62@dana.ucc.nau.edu)

**Ryan Talbott**

1206 Harmony Way  
Flagstaff, AZ 86004  
Phone: (928) 600-2415  
Email: [rlt24@dana.ucc.nau.edu](mailto:rlt24@dana.ucc.nau.edu)

**Brandon Thayer**

1201 E. Ponderosa Parkway Apt# 221  
Flagstaff, AZ 86001  
Phone: (928) 853-9458  
Email: [bjt27@dana.ucc.nau.edu](mailto:bjt27@dana.ucc.nau.edu)

**Problem Statement:**

- Orbital requires a low profile electronics packaging design that will accommodate the specified printed wiring board (PWB) outline, and number of specified modules.

**Top Issues:**

- State of the Art search: More state of the art research has been done on the electronics packaging related companies suggested by Orbital. SOTA research has also been done on analysis and modeling methods, allowing for a more specified explanation of methodology in the proposal.
- Proposal Document: The proposal document is nearly completed, and will be submitted to Orbital pending instructor review and corrections. The goal is to deliver the proposal document to Orbital before the planned Thursday, November

18 meeting. This way Orbital may have a chance to look it over and provide feedback in the teleconference.

- Proposal Presentation: As part of the proposal document, the proposal presentation is to be completed soon. A first cut has been finished, but further assignment requirements from instructor are needed to finalize the presentation.
- Brainstorming and initial design development will begin immediately after submittal of the proposal for approval.

**Decisions Pending:**

- Proposal Approval: After the proposal is submitted to Orbital, the decision of acceptance of proposal terms will be the main decision of this semester. Feedback from Orbital and any suggested changes will be fully considered and discussed at the November 18 meeting.