**Task 1. RC flight of Bixler 3.**

Airframe construction: Zhengyu Huang, Zhe Zhang, Justin Schneider

Electronic integration: Apoorva Sharma, Victoria M Dax, Miao Zhang

RC pilot: Apoorva Sharma, Justin Schneider

**Task 2.** **Collect flight data with Bixler 3.**

Flight test executor: Justin Schneider, Apoorva Sharma

Troubleshooting: Justin Schneider, Apoorva Sharma

Ground telemetry: Apoorva Sharma, Miao Zhang, Victoria M Dax

Ground assistance: Miao Zhang, Victoria M Dax

Raw data processing: Zhengyu Huang

**Task 3.** **Theory vs. experimental data.**

Theoretical analysis: Zhe Zhang

Cl,L/D calculation, stall speed: Zhengyu Huang, Justin Schneider, Victoria M Dax

Drag parameter, power consumption: Victoria M Dax

Pitch stability, control effectiveness analysis: Miao Zhang

**Task 4. Preliminary mission strategy.**

Discussion Contribution: All member

Summary composition: Apoorva Sharma

**Task 5. Goals and Plan of Action.**

Summary composition: Justin Schneider