



J E T

Jet Engine Team

Academic Year: 2022-2023

President: Max Westerman

max.westerman@du.edu

Vice President: Duncan Wood

duncan.wood@du.edu

Treasurer: Savannah Prouty

savannah.prouty@du.edu

Advisor: Jason Roney

jason.roney@du.edu

Constitution Adopted: 11-13-22

Mission: “Prepare for takeoff”

Article 1: Organization Name

Section 1: Name

The name of the organization established within this constitution shall be the University of Denver Jet Engine Team, hereafter referred to as JET.

Article 2: Purpose

Section 1: Learning Objectives

The JET club will strive to teach novel engineering concepts outside of the class as well as use our classroom knowledge to create actionable prototypes. Through participation in the JET club, members will learn quick prototyping skills such as CAD and machining, as well thermodynamic principles all in an out of classroom context. This knowledge will be given through meetings as well as through a shared Google Drive folder.

Section 2: Campus and Community Action Steps

The JET club will have a subset of its team dedicated to creating a 3D, non working model of the engines to show at events. We will primarily focus on creating the first prototype, and then participate in club fairs showing the footage and model of our prototypes. Once we complete the first prototype, we will also periodically set up an information table at the front lobby of ECS.

Section 3: Community Service

Due to the JET club burning a small amount of fuel, some of the dues will go towards offsetting the carbon footprint of our tests. We will also be hosting free classes that anybody can join that teach the concepts and engineering difficulties behind our project.

Article 4: Membership

Section 1: Membership

Voting members and officers of this organization must be enrolled undergraduate students at the University of Denver. Faculty, alumni, graduate students, or other non-students are encouraged to attend but may not vote, hold office, or be counted in the organization's membership.

Section 2: Dues

Dues will be required only as needed, and split evenly throughout members. The fee for joining the club was \$5.9 to pay for the required materials for the prototype which should cover all of the operating costs for the initial prototype. Once larger engines are projected, dues will follow what's required.

Section 3: Selection and Recruitment

Students wishing to join the JET club must join on Crimson Connect. There is no hard requirement to join the club, however the prospective student should have some applicable skill for the project. This is not confined to the building of the engines themselves, but can also branch out like logo creation, video editing, marketing, etc.

Article 5: Budget Planning

Section 1: Budget Planning

The base allocation to the JET club will be used to purchase the following:

- Any materials required to build the engines & other projects. Note that the majority of materials are sourced from the machine shop and innovation labs, which are free.
 - Examples include electric motors, electric speed controllers, fuel, batteries, etc.
- Marketing material to advertise our club
 - 20 Stickers with the JET Logo
 - 1 Flag used while tabling
- Carbon Offsets

Article 6: Officer Positions and the Executive Board

Section 1: Officers

Subsection 1: The President

The President shall plan meetings with the entire club as well as with the officers. The President shall also be fully up to date with the project and update the shared google folder as required. The President will set the project's direction and determine which project will be worked on. The

President shall also be responsible for communicating with the organization's advisor.

Subsection 2: The Vice President

The Vice President shall fulfill the duties of the President in the case of the President's absence. The Vice President shall also be informed on the state of the project and deliver communication about events and information regarding the club.

Subsection 3: The Treasurer

The Treasurer shall maintain the finances of the club and keep records of all accounts. The Treasurer will be responsible for communicating with the financial entities of the university on behalf of the JET club. The Treasurer will also be responsible for collecting dues from the club members when required.

Subsection 4: Chief Engineer

The Chief Engineer will be responsible for being up to date on the project's progress as well as communicating between club members. The Chief Engineer shall be directly involved in the engineering process behind the project, as well as generate new ideas and proposals for the project.

Subsection 5: Head of Operations

The Head of Operations will be responsible for handling events on Crimson Connect and scheduling tabling times & other events / speakers. The Head of Operations shall also be responsible for communicating with university entities on behalf of the JET club.

Section 2: The Electoral Process

All officers will be either selected through an election or an interview process, depending on the needs of the JET club at the time. Elections may occur at any time as chosen by the President or Vice President, and are required to occur at least once a year. Elections may be requested by the members.

If an interview is conducted, the member will be interviewed by one or more officers, then chosen solely from their utility to the JET club. If an election is held, the member with the highest amount of votes in their name will win that position.

Section 3: Recall and Removal of Officers

Subsection 1: Removal of Officers

Administrative removal of officers for violations of university policy and the honor code will take place through the process defined by the applicable Student Organizations Committee and Student Rights and Responsibilities policy on the removal and of officers.

Subsection 2: Recall of Officers

Recall of officers for violations of the organization's constitution will take place through the process defined by the applicable Student Organizations Committee and Student Rights and Responsibilities.

Article 7: Statement of Non-Discrimination

Section 1: Statement of Non-Discrimination

In keeping with the University of Denver's policy of nondiscrimination, this organization shall not discriminate on the basis of sex, race, color, sexual orientation, gender identity and gender expression, religion, age, marital status, national origin, disability, or veteran status. This policy will include, but is not limited to recruiting, membership, organization activities, or opportunities to hold office.

Article 8: Statement of Non-Hazing

Section 1: Statement of Non-Hazing

This organization will not conspire to engage in any act, even if committed with the Effective Consent of all parties, which endangers the psychological or physical health or safety of a person, or by which a person is encouraged to engage in conduct that a reasonable person would consider to be humiliating, when the act is explicitly or implicitly a condition of admission into, affiliation with, or continued membership in any group. Actively or passively encouraging these acts is also prohibited.

Article 9: Statement of Compliance

Section 1: Statement of Compliance

This organization shall comply with all university, campus, and undergraduate student government policies and regulations and with local, state, and federal laws.