



Aviation Club Handbook



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Introduction

Our Mission

Rising Aviators hopes to inspire the next generation of aviators through education and immersion. We hope to promote educational material, offer events, and provide support in establishing and running aviation clubs across the country.

Who We Are

We are a group of 4 high schoolers who to promote aviation among more youth. We created this after seeing the sparse resources on the web available. Our team is dedicated to promoting STEM opportunities and providing an easy-to-access database of resources.

Create the Club

Starting Steps

Creating an aviation club takes time and dedication. Ready to put that in?

1. Before applying for anything, review your school's documentation on creating a club.
2. After reading your school documentation and verifying that you can create an aviation club, read the rest of this handbook.
3. If you have them, gather some aviation-enthusiast friends who are interested in creating an aviation club.
4. See what expertise your board members are interested in to keep the club engaging, we recommend various topics on a rotating basis, including but not limited to mechanics, engineering, historical aviation, and modern aviation.



5. Create social media pages- LinkTree, Discord, Instagram, etc.
6. Utilize our free presentation template or create your own presentations

Club Advisor

We recommend choosing this with care. There may be at least 1 aviation enthusiast teacher at your school, and if this is the case, please try to set up a club with this advisor. You will not regret it.

Club & Board Members

Choose your board members carefully. Choose your friends, but make sure they are genuinely into aviation and are willing to put in work. The Aviation Club that some of the Rising Aviator's Board help run has aviation enthusiasts and a student pilot.

For club members, outreach to friends, but also outreach via flyers, emails, Instagram, etc. Your school probably has an ASB policy on this. Also, try to get your advisor to post it on their class method of communication (for our school, it's Canvas). Successful outreach takes time and effort.

Picking a Day

Find a good day that works for everyone, but also is not crowded by other clubs on that day. Our club has meetings on Thursdays.

Club Materials

You do not need any for now! Just free digital materials like our presentation templates and presentations will do.



Presentation Templates

The Rising Aviators team is proud to provide comprehensive resources, including a custom-built presentation template that you can utilize for completely free for your aviation club!

1. Access this template at risingaviators.org/templates.
2. We also have a sample slideshow showing how the template is put to use. Note that is watermarked to prevent copying.
3. Please keep the credit on the slides by keeping our logo on the last slide! We know it's very easy to just remove it, but leaving it helps us and helps the members of your club by informing them of a completely free resource that can be used by club members.

History: Discuss the historical component of aviation ranging from Concorde to general aviation creation.

Mechanics: Discuss the mechanics of aviation. Examples: How do hydraulics work? What are the physics of flight?

Accidents/Incidents: Discuss various past incidents and accidents occurring in aviation and how the industry responds to them.

Suggestions: Fundamentals of flights, basics of flying, basic aircraft components and systems, aircraft maintenance. See our presentations for more information!

Maintaining the Club

Free Activities & Events Planning

1. Paper Airplane Challenge

Materials Needed: Enough papers for the whole club

Set a 10-15 minute timer and allow club members to build their paper airplanes. Afterward, go outside to an open space that does not have many people



and let club members start throwing their paper airplanes one by one. The paper airplane that goes the farthest wins.

2. ATC Tower Tour

- a. Contact your local ATC tower. Our school's aviation club has done this at John Wayne Airport with great results where students got the ability to view live operations in the tower and talk to several Air Traffic Controllers. Please make sure to follow your school policy on outside trips and follow security policies. Also, we have scheduled our own community events. If you'd like to attend one of your events where we've already handled the organization and you can meet other aviation enthusiasts, please check our events page at risingaviators.org/events!

3. Young Eagles Flight

- a. Free 15-20 Minute Flight
- b. Volunteer Hours Acting As Ground Staff

4. RC Planes

5. Q&A Presentations

- a. A good way to promote the club is to invite aviation professionals to come to your club. This garners attention, and effective marketing will allow the club to grow.

John Wayne Airport OC Airpass - This is provided for free entry into the airport for dining, shopping, and relaxing. See [website](#) for more details.

Airport Tours - LAX airfield tours are open to civic groups and schools.

Currently, Rising Aviators in-person events are only located locally. However, we encourage you do some research at your local airports to see what opportunities are offered, including but not limited to tour tours, airfield tours, free flights, interviews, operations insight, and more.

Avoiding Liability when promoting events. Carefully follow your school's policy on this, and be clear in your marketing that you do not assume liability due to the risks in general aviation.



Filler Days

When you don't get time to create a topic, what do you do? Utilize filler material to still have an engaging day. There are loads of documentaries on aviation, but we believe it's critical to utilize credible sources and to only use filler days sparingly, though we understand it's necessary, and it can often be interesting learning about a certain topic.

Free RA Endorsed Material

1. Concord Documentary
2. How ATC works by Wendover Productions
3. EasyJet Documentaries (Search on YouTube)
4. VasAviation Videos
5. Mentour Pilot
6. blancolorio
7. Real Engineering
8. Mustard

Networking Guide

Do you want a pilot to give a Q&A at your school? Seems impossible? Wrong.

1. Check at your local airport flight schools and shoot out some emails. Perhaps the flight schools could also promote their discovery flights. Instructors but also airline pilots, etc
2. Personal Connections - See if anyone in the club has a personal connection to a pilot or other aviation professional.
3. LinkedIn Networking - Contact pilots in your area via LinkedIn.
4. Any Student Pilots at your school. See if they can network.
5. Contact Us! We can put you in contact with an aviation professional who can either do an in-person or virtual meeting. If you are looking for a pilot, click on Request a Pilot on our website.

END. We hope you promote Rising Aviators to help us grow! Please contact us at contact@risingaviators.org if you need assistance or if you have any questions.