



AMA GOLD LEADER CLUB

RC Propbusters of Salem CT

www.rcpropbusters.com

AMA Club No 191
Founded 1937

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October 2025 Newsletter

General Reminders for all RC Propbusters. See page 3.
Register/Renew the FAA registration for your RC aircraft. See page 7.
Take The Recreational UAS Safety Test (TRUST), required by FAA. See page 7.



Here is a nice physics book type of discussion on shockwaves: <http://physics.info/shock/>. See articles on pages 5-6.

RC Propbusters meetings are held on the third Tuesday of every month @ 7:30 PM. Meeting location is the historic Salem Center School at 250 Hartford Road (Route 85), about one mile north of Salem Four Corners (Circle).

Learn to Fly!

If you have an interest, come to our field. There is usually a member there who will give you the opportunity to try flying a trainer type model either powered by an electric motor or fueled engine. The gentlemen listed below have generously offered to help you learn to fly r/c airplanes, helicopters, drones, and gliders.

INSTRUCTORS

TOM VERNON	CHIEF PILOT	JOE COMEROSKI	HELICOPTERS
DENNIS DUPLICE	FIXED WING	ED DEMING	BOTH
ROBERT LARSON	BOTH	LEN BUFFINTON	* GLIDERS
DAVE GRAINGER	FPV RACING	RICHARD CROOKS	FIXED WING
DAVE PRATT	FIXED WING	STEVE CHRISTLEY	FIXED WING
RAY GILBERT	BOTH	STEVE PICKERING	FIXED WING

* Len Buffinton is a Glider and Aerotow expert who can also help you with fixed wing flying.
If you are a student, hook up with one of these members and get trained.

R/C Propbusters, LLC. Officers for 2025

President:	Ed Deming
Vice President:	Steve Pickering
Treasurer:	John Banks
Secretary:	Bill Fries
Asst. Secretary:	John Greenwood
Safety officer:	Tom Vernon
Newsletter Editor:	Jim Holzworth
Field Marshal:	Shane Duffy
Asst. Field Marshal:	Ray Gilbert
Board of Directors:	Mike DeFranzo, Mike Likar, Mike Carabillo, and Peter Nosal

CHECK OUT OUR WEBSITE:
<http://rcpropbusters.com/>

Please submit ideas and tips for the newsletter to Jim Holzworth at jimholzworth@gmail.com

Propbusters Meeting Location

Regularly scheduled Propbusters monthly meetings are held at the Salem *Center School*, 250 Hartford Rd Salem, CT 06420. The *Center School* is in the Salem CT historic district.

<https://historicbuildingsct.com/center-school-salem-1885/>
41.491289, -72.275949



Monthly meetings will simultaneously be conducted electronically using Zoom.

General Reminders for all RC Propbusters

PLEASE CHECK OUR WEBSITE (<https://rcpropbusters.com>) REGULARLY, particularly the NEWS AND ANNOUNCEMENTS section up front for current notices and information. It is updated at least weekly.

When opening and closing the flying field for the day, leave gate locked without displaying the combination.

Strict observance of FRIA application boundaries, particularly the northern tree line by Route 82. This is especially important with our new 1200' ceiling waiver.

Mark all your models with required FAA and AMA markings.

All pilots must have FAA registration cards and proof of TRUST completion at the field while flying.

Noise control efforts will still be required when flying gassers/glow – careful observance of northern boundary and use of spotters recommended.

2025 Event Schedule (concluded)

Memorial Fun Fly	June 15
Electric Fun Fly & Swap Meet	July 19
Neighborhood Fun Fly	August 2
Club Fun Fly / Potluck Picnic	September 6
Warbird Rally	October 4 cancelled

RC Propbusters Outerwear
available at



26A Bushnell Hollow Rd., Baltic, CT 06330
Phone: 860-822-9777
Email address: jdembroidering@aol.com
<https://www.facebook.com/JDEmbroidering/>

NOTICE (from the Editor): Do we have your correct email address?

If you are currently a member of R/C Propbusters in good-standing and can only receive the monthly newsletter from our website (<http://www.rcpropbusters.com>), maybe your email address has changed, or was incorrectly entered on our membership list. Monthly newsletters are sent individually (directly) to each club member at the email address listed on the website membership list. If you have a new email address, or need to make a correction, please log in to our website and update your profile.

COMMON SENSE, RESPECT FOR OTHER PILOTS, AND GOOD FIELD ETIQUETTE ALL GO A LONG WAY TOWARDS MINIMIZING REQUIRED RULES. REMEMBER: IT'S ALL ABOUT HAVING FUN WITH AVIATION MODELING IN A SAFE AND ENJOYABLE MANNER. SAFETY IS EVERYONE'S RESPONSIBILITY! IF YOU HAVE ANY QUESTIONS OR DON'T UNDERSTAND ANY OF THESE RULES, DON'T HESITATE TO ASK YOUR CLUB SAFETY OFFICER, ANY CLUB OFFICER, OR ANY EXPERIENCED PILOT FOR CLARIFICATION.

October Aviation Events & Milestones

- 9 October 1890 (France) — The first full-sized manned airplane to leave the ground under its own power is Frenchman Clement Ader's steam-powered, propeller-driven aircraft.
- 6 October 1908 (France) — Wilbur Wright and a French writer make the first passenger flight of over one hour.
- 4 October 1909 (USA) — More than a million New Yorkers watch as Wilbur Wright makes a flight along the Hudson River.
- 11 October 1910 (USA) — President Teddy Roosevelt becomes the first United States President to fly when he is taken up in St. Louis.
- 2 October 1918 (USA) — The Kettering Bug pilotless airplane being developed by Charles F. Kettering makes its first successful unmanned flight test, albeit for only nine seconds.
- 28 October 1924 (USA) — Army planes broke up cloud formation with electrified sand.
- 15 October 1939 (USA) — New York Mayor Fiorello La Guardia dedicates an airport in Flushing bearing his name. La Guardia airport is the costliest to build at the time, \$45 million.
- 14 October 1947 (USA) — Capt. Charles “Chuck” Yeager becomes the first person to fly faster than sound. Yeager “breaks the sound barrier” in his Bell X-1 airplane, “Glamorous Glennis,” named after his wife. He was able to reach 670-mph or Mach 1.015 at Muroc Dry Lake, California.
- 4 October 1957 (USA) — Russia launches the first Earth satellite. The 184-lb. “Sputnik” attains an orbital velocity of 5 miles per second.
- 10 October 1957 (USA) — President Eisenhower announces that the United States will attempt to launch a four-pound “test” satellite in December.
- 31 October 1968 (USA) — President Johnson orders a halt to bombing of North Vietnam.

<https://www.skytamer.com/October.html>

“If you can walk away from a landing, it’s a good landing. If you use the airplane the next day, it’s an outstanding landing.”
— Chuck Yeager

When everything seems to be going against you, remember that the airplane takes off against the wind, not with it.”
— Henry Ford

Read more at: <https://everydaypower.com/airplane-quotes/>

14 October 2012



Brigadier General Charles E. Yeager, U.S. Air Force (Retired) in the rear cockpit of a McDonnell Douglas F-15D-27-MC Eagle, serial number 80-054, with Captain David Vincent, 65th Aggressor Squadron, at Nellis Air Force Base, Las Vegas, Nevada, 14 October 2012. (Jessica Elbelhar/Las Vegas Review-Journal)

Yeager re-enacts historic flight to break sound barrier

BY KEITH ROGERS
LAS VEGAS REVIEW-JOURNAL

Posted: Oct. 13, 2012 | 11:08 p.m.
Updated: Oct. 15, 2012 | 7:31 a.m.

Living up to his “right stuff” reputation as the wise-cracking test pilot and daring World War II hero, the legendary Chuck Yeager returned Sunday to Nellis Air Force Base after re-enacting in a blue-gray F-15D Eagle jet what he did 65 years ago in a mustard-colored X-1 rocket plane: break the sound barrier soaring high over California’s Mojave Desert.

Upon landing, with his escort pilot Capt. David Vincent taxiing the Eagle under plumes of water shot from two firetrucks, the 89-year-old Yeager climbed down a ladder

from the cockpit. He did so to the applause of Nellis airmen, their families, his wife, Victoria, and film crews who documented the 65th anniversary of his most cherished feat as the first human to fly faster than sound.

What was going through his mind when Vincent, 30, throttled the aircraft into a blurry descent from 45,000 feet to 30,000 feet and leveled off with a speed of Mach 1.4, or more than 670 mph, sending a sonic boom across Edwards Flight Test Range?

“Nothing,” Yeager deadpanned. “Flying is flying. You just can’t add a lot to it.”

He said he just gazed out the jet’s clear canopy, looking down on the many dry lake beds that he landed on as a test pilot. Like the other times he achieved supersonic flight, the F-15D on Sunday sent a shock wave through the azure sky over the same patch of desert Yeager flew over for decades, at the same time he did it 65 years ago, 10:24 a.m.

Meanwhile, as Yeager was returning to Nellis, Austrian skydiver Felix Baumgartner, wearing a pressurized suit, emerged from the capsule of a towering, helium-filled balloon and leaped from a metal platform 128,000 feet over New Mexico near Roswell. In his descent he reached 833.9 mph or Mach 1.24.

Yeager was not impressed.

“Joe Kittinger did that years ago. He’s not doing anything new,” he said.

Read the complete story at: <https://www.thisdayinaviation.com/2025/10/14/>

What happens when an aircraft breaks the sound barrier?

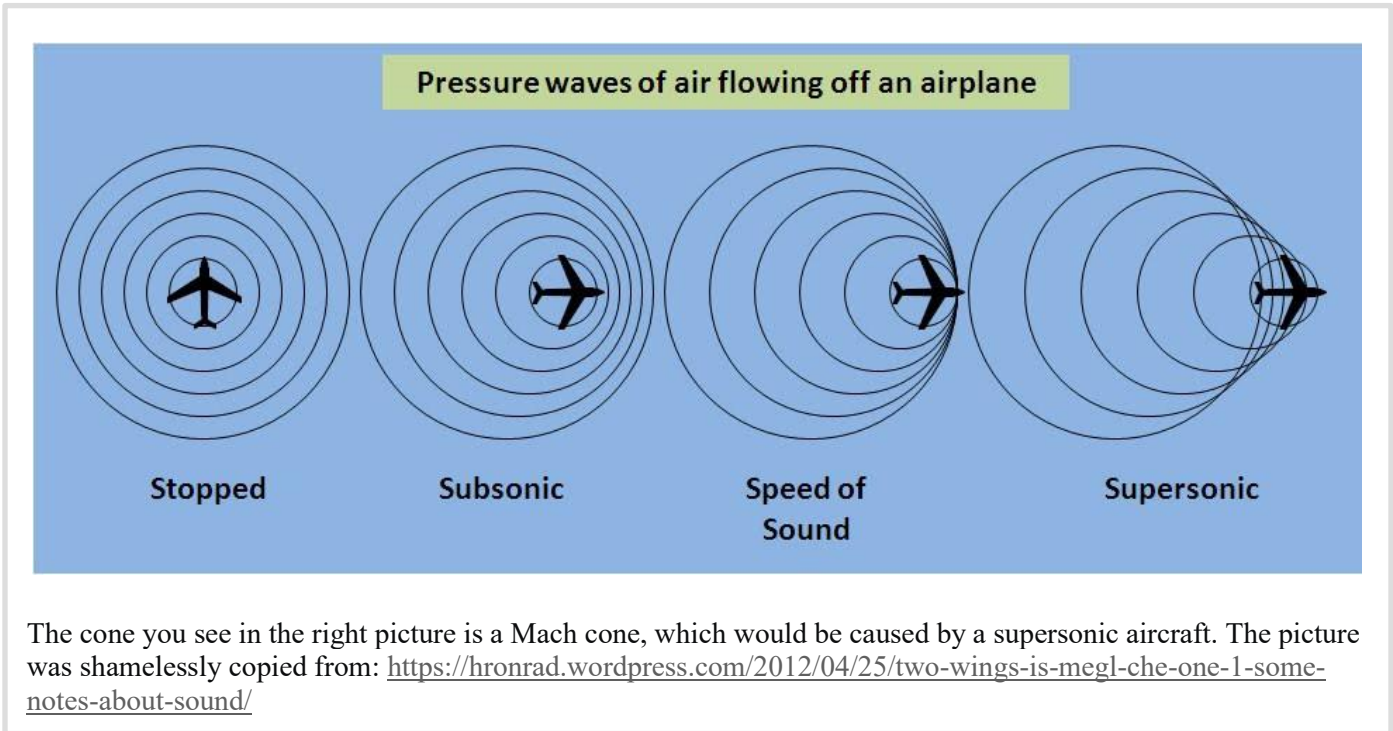
The expression "sound barrier" was created maybe 70 years ago when approaching the speed of sound made aircraft react in unanticipated ways. Actually, there is no fixed barrier, and in reality the transition can be rather smooth, provided the aircraft and its pilot are prepared for it.

The speed of sound is the maximum speed with which small pressure changes will propagate through a medium, so at subsonic speed the air ahead of the aircraft can react to the approaching aircraft. Also, while local air density changes only little at subsonic speed, air density changes become dominant at supersonic speed. To make way for an approaching aircraft, subsonic air will speed up while supersonic air will slow down so that density increases to make way for the supersonic aircraft.

At subsonic speed, pressure and speed will change smoothly while air flows around the aircraft. As a consequence, the center of local pressure changes (its lift force) acts at around one quarter of chord, such that the aircraft is balanced when its center of gravity is at the same location.

At supersonic speeds, the air will be taken by surprise - at one moment all was calm and quiet, and suddenly the air molecules get kicked around by an unknown intruder. Pressure changes suddenly, through a shock, so instead of a smooth transition, at supersonic speed there are regions of similar pressure, separated by sudden drops or jumps. As a consequence, the center of pressure changes shifts backwards to 50% of chord. If the center of gravity remains at a quarter chord, the consequence is a strong pitch-down moment: The aircraft will nosedive.

To make matters worse, a control surface deflection, which could redistribute the lift between wing and tail surface, will not necessarily work in the same way as it would at subsonic speed: the aircraft might become uncontrollable.



Read this entire article at: <https://aviation.stackexchange.com/questions/8846/what-happens-when-an-aircraft-breaks-the-sound-barrier>

FAA Recreational Flyer Registration

Register your RC aircraft at:

<https://faadronezone.faa.gov/#/register>

Renew your RC aircraft registration at:

<https://faadronezone.faa.gov/#/>

How much does it cost to renew a registration?

\$5 through the [FAADroneZone](#).

The Recreational UAS Safety Test (TRUST)

All Propbusters are now required to take and pass The Recreational UAS Safety Test (TRUST), ... but don't worry!



The Academy of Model Aeronautics is an FAA-approved Test Administrator of The Recreational UAS Safety Test (TRUST). TRUST is a collaboration between the FAA and industry to provide TRUST and educational safety material to Recreational Flyers.

<https://www.modelaircraft.org/trust>

The Recreational UAS Safety Test (TRUST) FAQ

June 22, 2021, UPDATED TRUST INFORMATION:

The AMA has now been approved to administer The Recreational UAS Safety Test, or TRUST. AMA has worked closely with the Federal Aviation Administration (FAA), ensuring that TRUST meets the intent of Congress without placing an undue burden on our hobby community.

Since 1936, the AMA has been dedicated to the hobby of model aviation, to educational programming, and safety in the airspace. We are offering the TRUST to the entire community of model aviation enthusiasts free of charge.

Q: What is "TRUST"?

A: "TRUST" stands for The Recreational UAS Safety Test

Q: Why do I need to take TRUST?

A: The Knowledge and Safety Test is a congressional mandate in the FAA Reauthorization Act of 2018. **All UAS users** must pass the test in order to operate a recreational model aircraft (UAS) within the National Airspace System (NAS).

Basic guide to Trimming for RC Plane for Optimal flight

SteffenRC

Aug 15, 2025 [#RCplanes](#) [#how](#)

Does your RC plane want to dive or roll left while flying? You need to trim it. In this video I review the basics of trimming your RC Plane and do a demo of trimming the plane at the field with a camera on my transmitter so you can see what I'm doing. <https://studio.youtube.com/playlist/P...>



Watch this video at: <https://www.youtube.com/watch?v=PXZw-NEgqcg>

Trim Chart based on Article by Peter Goldsmith

From: [gareth.ky](https://www.flyinggiants.com/forums/showthread.php?t=32733) <https://www.flyinggiants.com/forums/showthread.php?t=32733>

I'm setting up a new airplane and I got off track on the trimming. Peter Goldsmith wrote a really great article on trimming airplanes but it's long, and pretty dense. If you have never read it, you should. I think I have read it 3 times now and its finally starting to sink in. My problem is, I get to the field, and I forget what to do and what I'm supposed to be looking for.

So I made a PDF that you can print out and take to the field. Give it to your caller and you can work on trim issues. The card is ordered in the same order that Mr. Goldsmith recommends. It's been seriously shortened to make it all fit on one page.

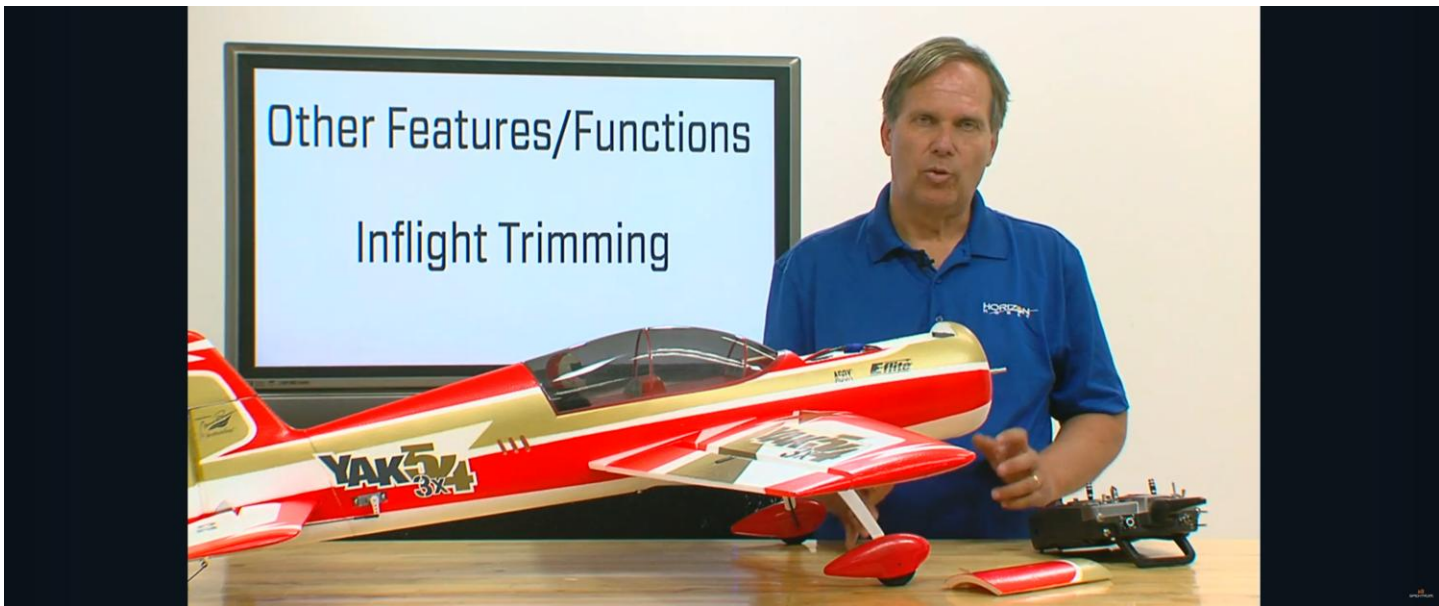
There are now apps for your smart phone that have this same information in an easy-to-use form.

Download these apps from: <https://www.flyinggiants.com/forums/showthread.php?t=32733>

Spektrum AS3X: Inflight Trim Adjustments (Other Features & Functions)

SpektrumRC
May 27, 2014

Visit <http://www.spektrumrc.com/Technology/...> for more information. Spektrum RC products related to this and all other AS3X video's in this playlist include; SPMAR636 SPMAR6335 SPMAR7350 SPMAR9350



Watch this technical video at: <https://www.youtube.com/watch?v=7cUvMUCJ10s>

RC Propbusters – A private group on facebook



RC Airplane club located in Salem, CT...

Request to join, we'd love to have you.

Private

Only members can see who's in the group and what they post.

Visible

Anyone can find this group.

Request to join at: <https://www.facebook.com/groups/158583204248276>

Documentary Film



RC Propbusters: Untold

is now on Amazon Prime Video

Director: *Mark Thompson* Starring: *Bernie Liskov, Mark O'Connell, Lenny Buffinton*

This short documentary, hosted by Mark Thompson, examines the RC (Radio Control) hobby in Connecticut. The film explores how and why hobbyists would immerse themselves into this hobby. Various facets of the RC hobby such as sail planes, fuel vs electric, and club cultures are exposed throughout this first of its kind film. 63 min 2019

<https://www.amazon.com/RC-Propbusters-Untold-Bernie-Liskov/dp/B07P5FD1TK>

Documentary•Special Interest•Nostalgic•Wholesome

RentHD \$1.99 BuyHD \$4.99

Tips & Tricks

There is a lot of free reading material on the internet about flying. We can learn about flying, aerodynamics, and how to “talk the talk” by checking out many internet resources. Here are some suggestions:

Airplane Flying Handbook: ASA FAA-H-8083-3C (2021 Edition)

https://www.faa.gov/regulations_policies/handbooks_manuals/aviation/airplane_handbook/

Aviation Handbooks & Manuals

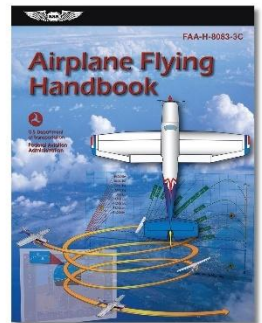
https://www.faa.gov/regulations_policies/handbooks_manuals/aviation/

Dictionary of Aviation

<https://www.theairlinepilots.com/forumarchive/aviation-regulations/aviationdictionary.pdf>

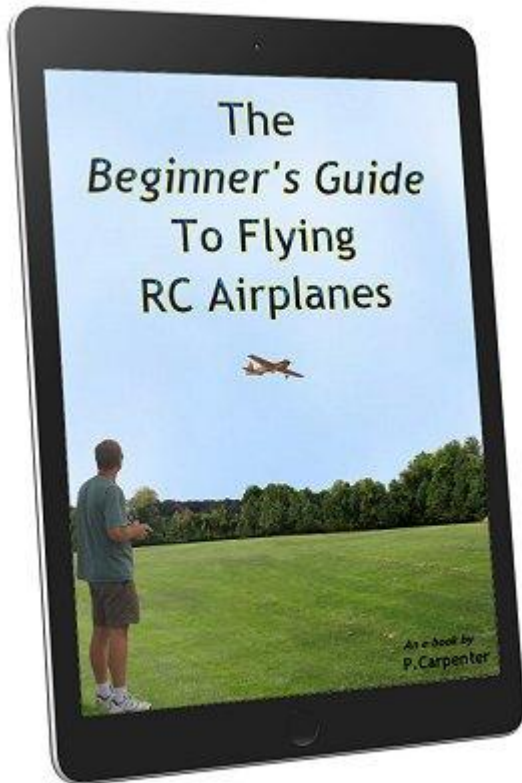
Pilot/controller glossary

https://www.faa.gov/air_traffic/publications/media/pcg_10-12-17.pdf



RC Airplane World Welcomes You!

New to the hobby?
RC Beginner Guides



Instantly downloadable
[Beginner's RC Flying Guide](#)
is a jolly good read and covers all you
need to know to get started in this
incredible and addictive hobby!
Don't delay, get it today!

<https://www.rc-airplane-world.com/>

Discover the Thrills of Radio Control Flying!

If you like the sound of getting into
a *very* rewarding, exciting and addictive hobby,
then radio control flying might just be for you!
Flying rc planes, helicopters and other types of
model aircraft has become a *hugely* popular
pastime in recent years.

Quite simply, it's never been easier and more
affordable to get started – and that's brilliant
news in this difficult and expensive world!

But if you don't know your propeller from your
rudder, trying to get off the ground in this
exhilarating and wide-reaching hobby can be
very frustrating, in more ways than one.

Questions you're probably asking yourself
might be...

- *How do I choose the right plane?*
- *What's good and what's not?*
- *How do I learn?*
- *Where can I fly?*

Model of the Month

No Model of the Month for October.

Minutes of the October 21st 2025 RC Propbusters Meetings

Meeting minutes will be available with a password on the RC Propbusters website.

In the menu of our www.rcpropbusters.com website look for: “**Our Club => Meeting Minutes**”.
The password is the same number as the one for the gate lock at our flying field.
