



# Chino Valley Flyers

Chino Valley, Arizona



June 30, 2025

JUNE NEWSLETTER (volume 28 Issue 6)

www.chinovalleyflyers.org

"To create an interest in, further the image of, and promote the hobby/sport of model aviation"

## Inside This Issue

President's Column	2
Name the Plane	2
Safety Column	3
Random Racing Photos	4
Field Flying Action	5
Annual Pylon Races	6
Myths of Terrorism	7 - 9
Name the Plane Answer	10
June Club Meeting	11

## Quote For May

"Tell me and I forget, teach me and I remember, involve me and I learn."

Benjamin Franklin

## RC Battery Discount



Members:  
Get a 10% Discount at RC Battery.

June's Discount code:

**RCBJUN25!CVF**

## Chino Valley Flyers Pylon Race Winners



The top photo is of the Unlimited winners; *Dale Roberts, Mike Benner, Dan Avila, Robert Fisher, and Adam Sanders*. The bottom photo is of the T-28 winners; *Rick Nichols, Mike Benner and Randy Meathrell*. An amazing race day and the weather even cooperated!  
(More on pages 4 and 6 of this issue.)

## CLINT MANCHESTER'S F-16 THUNDERBIRD





# President's Column

By Brian Sutton



Well, Summer is here. If only the air would stop moving so much, we could get in some great flying. I want to talk about volunteerism. Volunteers are what make any club great. Quite often, volunteers are overlooked and sometimes even criticized. I love the sign at the field that says, **“Before you complain, have you volunteered?”** UNFORTUNATELY, we have a severe shortage of volunteers.

Frankly, it is my belief that we should have multiple candidates for president, etc. This would make a stronger club. The board should have different opinions, and freely express them, that would lead to better decision making. If you want the Chino Valley Flyers to continue to be a great club, **VOLUNTEER!**

We all would like to just show up and fly, but clubs don't work like that. Somebody needs to keep the records of the club, somebody needs to keep an accurate record of the finances, somebody needs to ensure the safety of the club, somebody needs to maintain the facility, somebody needs to run various events, and somebody needs to lead meetings. In my opinion, your board over the years, has done a great job in these areas. However, we do need a secretary to take over for Bob, he has done a fantastic job, and the

transition would be easier if he can work with his replacement. That being said, it is in the best interest of this club for someone to step forward as soon as possible to take on the club secretary position.

We also need two **“At Large Members”** to form a complete board as you can see below in our list of board officers.

So, without a complete board, we don't have a complete club leadership, it would be a shame if we had to shut down for lack of volunteers.

See you at the field,

Brian



## Flight Instructors

**Randy Meathrell:**  
Control Line Flying

**Bill Gilbert:**  
Helicopters

**Jeff Moser:**  
Gliders, Multi Rotors

## General Flight Instructors

**Al Marello**

**Steve Shephard**

## Club's Board of Officers

President — *Brian Sutton*



Vice President - *Al Marello*



Treasurer — *Don Crowe*



Secretary — *Bob Steffensen*



Safety Officer — *Rick Nichols*



At Large Member — *Vacant*

At Large Member— *Vacant*

At Large Member— *Lee Boekhout*



At Large Member— *Jeff Moser*



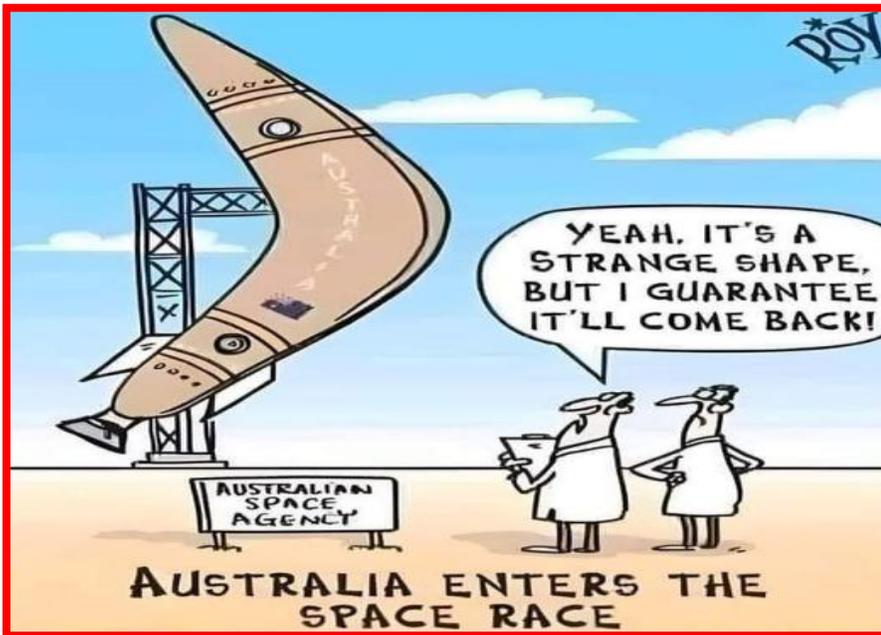
Newsletter Editor — *Bob Shanks*



## WHAT WWII AIRCRAFT COCKPIT IS THIS?



See Page 10



## MARK YOUR CALENDARS

### Chino Valley Flyers Events for 2025

- ⇒ July 12...Glider Endurance Contest
- ⇒ IMAC August 15-17 *Casey Buggein will be CD for this event.*
- ⇒ August 23...Combat Event
- ⇒ September 20...Steve Crow Event
- ⇒ October 4...Ringmaster Control Line
- ⇒ October 18... Build and Fly Contest
- ⇒ November 15...Pancake Breakfast/Swap Meet

**Fly Safe Members**

## ***SAFETY SHOULD ALWAYS COME FIRST***

*By Rick Nichols Chino Valley Flyers Safety Officer*

It's sad to say that we had another mishap at the field. Again, involving an electric powered aircraft. The first event was discussed in the May issue of our newsletter. This event, now the second one, has occurred for the first time at our field, that I am aware of, so documenting it may help prevent it happening again in the future.

On this occasion our pilot had completed a flight and returned his aircraft to the gravel pit area and did not disconnect his battery. He then armed another aircraft for a flight and while he was flying his aircraft, the plane that was in the pit area powered itself up and crashed into a flightline table.

*If that table had not have been there three pilots on the other side of the table were the next targets in line for the aircraft to encounter.* Enough said on that topic?

That's all I have this month for Field Safety, I would like to say a little about Personal Safety. This is something I have never mentioned before in my column and because I personally experienced, this is a reminder for all; **Hydration**.

Just yesterday while flying, it was a very hot day. I had flown a couple times, and I started feeling odd. My vision was not as

it should be; I was feeling a little weak and dizzy, I took myself out of the flying mode and put myself in the sitting mode. As I was putting my chair away, two members quickly helped me when they noticed I was unbalanced and about to fall.

Please remember to keep yourself well hydrated during these hot summer months.

Symptoms can come upon you very fast, and it takes some time to rehydrate yourself. Symptoms of dehydration can vary based on severity but commonly include:

- Dry mouth and thirst**
- Dark yellow urine or decreased urine output**
- Fatigue and dizziness**
- Headache**
- Dry skin**
- Muscle cramps**

Severe dehydration (requires immediate medical attention) usually comes on rather suddenly with the following symptoms:

- Extremely dry skin and lips**
- Rapid heartbeat and breathing**
- Confusion or irritability**
- Fainting Spells**
- No urination for several hours**
- Sunken eyes**

### Cool, clammy skin

There are usually bottles of water in the hangar. You may use it or request assistance if you are starting to experience any of these symptoms outlined above.

I have learned that drinking a lot of soda or diet cokes do not fill the bill. Any drinks with caffeine in them are also not recommended either.

See you at the field *Rick*

### **Editors Note:**

All members, as they prepare equipment and supplies for flying should routinely make sure they are bringing water in a personal container or as part of the gear packed for flying.

*I always take a very small ice chest with bottles of water, possibly a soda, an apple or other fruit. I always try to pack a sandwich or other snacks.*

A lot of this also depends on the weather, if its hot make sure you pack plenty water.





# Random Photos from Our Pylon Races



"Came in kind of steep, didn't it?"



# More Flying Activity at Our Field



We don't have many Red Flag warnings in our area but this one at right was issued for **Saturday June 21** it's a wake up call for all members to really be fire wise at our field at **all times**, it has been very dry the last few months.

### Red Flag Warning Today

Weather Forecast Office  
Flagstaff, AZ  
Issued: Sat, Jun 21, 2025 4:44 AM

**Timing Info**  
Through 8 PM MST / 9 PM MDT this Evening

**Fire Risk**  
Gusty winds and low humidity can cause fires to rapidly grow in size and intensity

**Winds**  
Southwest winds 20-30 mph gusting 35-50 mph

**Relative Humidity**  
Humidity values 10-15%

NWSFlagstaff

weather.gov/flagstaff



Photos of Al's Sea Wind by Rick Nichols.

Al Weikart did a maiden flight of Sea Wind. Al said it had been collecting dust in his basement for years so he got it out and it now flies very well.

Al said the test flight was great and required no flight trimming at all.

Did You Lose Something at the field? Check the Hanger it may be in the Lost and Found Box.



# Chino Valley Flyers Pylon Races



### Pilots

Mike Benner, Randy Meathrell, Rick Nichols, John Meyers, Dale Roberts

Winners and award amount- 1st - Randy Meathrell (\$15), 2nd - Mike Benner (\$10), 3rd - Rick Nichols (\$5)

### Unlimited Race:

Pilots - Dan Avilla, Mike Benner, Robert Fisher, Dale Roberts, Adam Sanders

Winners and award amount - 1st - Dale Roberts (\$15), 2nd - Dan Avilla (\$10), 3rd - three-way tie - Mike Benner (\$5), Robert Fisher (\$5), Adam Sanders (\$5)

### Best Crash Award

Dale Roberts won the epoxy glue caddy 3D printed and filled with materials donated by Don Crowe.

Interesting Race Data: fastest heat time in T-28 race was around 2 minutes, whereas the fastest heat time in Unlimited was around 1 minute 20 seconds, over 30% faster.

*Mark Lipp*



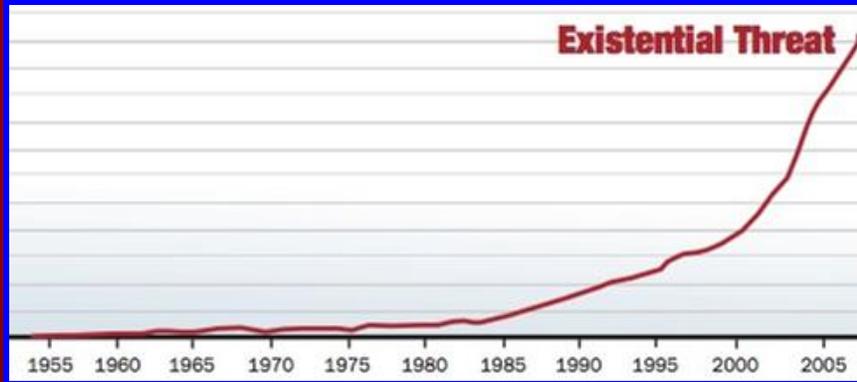
Dale Roberts T-28 collided with the pylon pole above.  
Photo by Glenn Vollkommer



# TOP TEN MYTHS OF TERRORISM ❁

We live in a world where some areas of our planet are dominated by terrorism and/or the threat of terrorism. Even in the U.S. S., law enforcement is constantly on the alert at public events. Do an Internet search and one will come up with quite a variety of myths about terrorism. If one narrows the list down, a reasonable top ten myths are evident and based on a variety of sources readily available using Google powered by Artificial Intelligence (AI).

We constantly hear the term “Existential Threat” in the news that really didn’t come into any use until the late 1950’s due to the threat of global thermonuclear war. These days it is used rather loosely by politicians and the news media. I published Situational Awareness guidelines in a past newsletter, so thought this would be a different but important follow-up article.



## Myth One: Terrorists are Pure Evil.



Terrorists are not evil in a theological sense existing outside of human behavior is a myth.

Political leaders often say they are declaring war on “evil doers” or we need to defeat evil in the world. Everyone has a motive and point of view, including people we call evil such as religiously driven and motivated terrorists.

## Myth Two: Terrorists are Primarily Politically Motivated



Most terrorists in their own words are many times primarily motivated by religion. “Pray for yourself and all of your brothers that they are victorious and thit their targets asking God to grant you martyrdom. Shout ‘Allahu Akbar’ because this strikes fear in the hearts of nonbelievers.”

This religious conviction was reinforced in a 2016 ISIS article entitled, “*Why we hate you, why we fight you.*” “*You are nonbelievers you reject Allah; 2. We hate you because you are secular, liberal societies permitting the very things Allah has prohibited while banning the things he has permitted; 3. We hate you and wage war against you because you disbelieve in the existence of God*”.

## Myth Three: Terrorists Have a Global Organization



Some politicians like to portray terrorists as a vast global network of centrally-controlled agents and well organized groups that are against the West. In actuality terrorism is very much **decentralized** and self-organized through the use of social groups and networks often using sports such as soccer clubs and similar organizations to carry out their plans and is in actuality, continually evolving based on local and regional political issues. This decentralization and loose network can be difficult to track and monitor.

However, all countries should have in place intelligence networks working to track the possibility of **nuclear terrorism**. There are states and cultures who do not embrace the West’s vision of freedoms, especially religious freedoms and the pursuit of happiness based on the U.S. Constitution with the freedom to choose whatever religion any individual so desires.

Nuclear terrorism has been in the forefront of world-wide 2025 news and is a major concern of governments in Europe, the U.S. and the Middle East. If a group of terrorists were to master development of a radiological disbursal device for missile use or for a dirty bomb, all countries would be threatened. The U.S. Nuclear Regulatory Commission tracks all fissile materials needed for all Nuclear Devices whether used in medicine or by the military. *(More myths on next two pages.)*

# MORE MYTHS OF TERRORISM ✿

## Myth Four: Terrorists Are Diabolical Geniuses



After the decapitation of leadership of terrorist organizations it become clear they are neither sophisticated nor masterminds but rather incompetent fools as one report reflected. As an example, the Boston Marathon bomber idiots only had one gun for self defense, no money and no exit strategy. The car they hijacked had no gas. They also failed at the attempted suicide attempt. Bomber Richard Reid was unable to ignite the fuse in his bomb as it was wet from the rain and his own sweat. One terrorist using his car in 2010 was only able to set his pants on fire and torch the inside of his car.

## Myth Five: Terrorism Causes Mass Deaths



In comparison to homicides in the U.S. (it often varies a lot from year to year) deaths from terrorism is statistically quite small, however, any death from terror is tragic. The death rate from terror is usually about .005% or smaller however it is still too much and totally uncalled for no matter where it occurs. In 2024, the U.S. homicide rate showed a significant decrease compared to previous years, with a very notable 16% drop across the nation, according to the Council on Criminal Justice.

## Myth Six: Terrorism is Effective in Achieving its Goals.



In studies of foreign terrorism over the years has shown they only achieve very few goals. Various studies also indicate violence begets more violence resulting in the loss of public sentiment. When terrorists kill civilians it significantly lowers the likelihood of bargaining any future successes. Terrorists often want money or the release of political prisoners with no political objectives really achieved,

## Myth Seven: Terrorists Conquer and Establish States



Countless studies have indicated terrorists never really conquer any countries. However, some countries have leadership dedicated to terrorist activities regardless of what the population really wants and often are at a disadvantage due to severe restrictions placed on the countries economy by other countries or by the despotic leadership. As an example, Iran, Afghanistan, Iraq, Syria, Yemen, Libya, Somalia and Nigeria are under various economic restrictions resulting in reduced investment and regional economic opportunities due to terrorism. Often poor trade, poor tourism, poor governance, high cost of security and damaged infrastructure are some of the many results. The economic severity is based on the nature and context of terrorist activities.

## Myth Eight: Terrorism is an Effective Means of Political Change

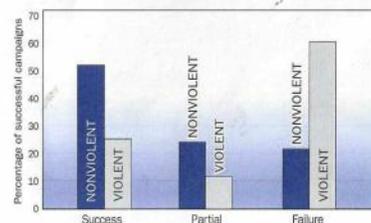


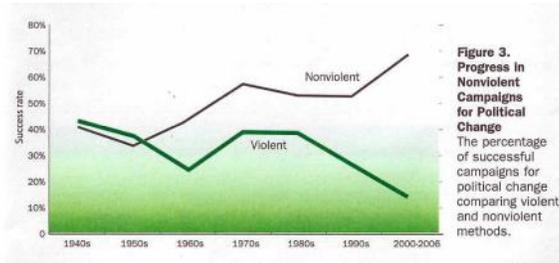
Figure 2. Success rate of campaigns for political change since the 1940s comparing violent and nonviolent methods reveals that violence is a failed strategy and nonviolence is the method of choice.

Political Scientists Erica Chenoweth and Maria Stephan have documented the relative success and failure of violent vs nonviolent campaigns since 1900. Chenoweth and indicates nonviolent campaigns were twice as likely to succeed out right as violent insurgencies. Civil resistance is likely to succeed and become effective for change within a country.

Their studies have also indicated that violent campaigns are going to limit the change and more likely to involve young strong violent-prone males as opposed to non violent means. Many of these violent males are also prone to boozing and brawling. Non violence is the method of change that is preferred.

# TOP TEN MYTHS OF TERRORISM CONTINUED

## Myth 9: Violent Campaigns for Political Change Result in Self Rule



Political Scientist Erica Chenoweth explains that campaigns that relied on non violent methods were on average four times larger than the average violent campaigns. When people rely on civic resistance their size grows. When large numbers of people withdraw their cooperation from an oppressive system, the odds are ever in their favor.

## Myth 10: Nuclear Terrorism is Likely to Happen



Most experts agree that acquiring the necessary materials and knowledge for building a nuclear weapon or a dirty bomb is far beyond the reach of most if not all terrorists. In his book on *Nuclear Terrorism* Michael Levi invokes what he calls “Murphy’s Law of Nuclear Terrorism”: What can go wrong might go wrong”, and recounts numerous failed terrorist attacks due to sheer incompetence on the part of a terrorist to build and detonate even the simplest of chemical weapons. It is also important to note that no dirty bomb has ever been successfully deployed resulting in casualties by anyone anywhere according to the

U.S. Nuclear Regulatory Commission, which tracks fissile materials. most reports of lost or stolen materials involve small or short-lived radioactive sources that are not useful for a RDD (radiological dispersal device) or dirty bomb.

Past experience suggests there has not been a pattern of collecting such sources for the purpose of assembling a RDD. It is important to note that the radioactivity of the combined total of all unrecovered high-risk radioactive sources is so low that any RDD could even be developed. In short, the chances of a terrorist successfully building and launching a nuclear device of any sort is so low that we would be far better off investing our limited resources in diffusing the problem of terrorism in other areas of our planet.

What this doesn’t cover is a country’s rogue leadership getting enough radioactive material to build a bomb and/or launch it using missiles or using a dirty bomb of some type to be used against another country. What the U.S. and Europe are now up against is the fact Iran wants to build a nuclear device to be used to destroy Israel. These issues have been in the forefront of our international news the last year.

Iran’s “breakout time” – the time it would take to produce enough weapons-grade uranium for a nuclear bomb – has been significantly reduced. Analysts estimate that Iran could produce enough highly enriched uranium for a bomb within a matter of weeks, according to Reuters, with some reports even suggesting it could be done in as little as one week, according to Congress.gov. While Iran has the infrastructure and expertise to quickly produce weapons-grade uranium, it’s important to note that this doesn’t necessarily mean they have decided to pursue a nuclear weapon. However, their rhetoric seems to be that they will build a nuclear weapon.

Estimates on how close Iran is to potentially building a nuclear bomb vary, but here’s a summary of the current situation and the key factors involved: Iran has significantly increased its enrichment activities, enriching uranium to levels much higher than those permitted under the 2015 nuclear deal (JCPOA).

While weapons-grade uranium requires around 90% enrichment, Iran is currently enriching up to 60%, according to the International Atomic Energy Agency (IAEA). This is a “short, technical step away” from the required level. As of May 17th, 2025, Iran had amassed 900 pounds of uranium enriched to 60%, a substantial increase from previous reports. This stockpile is theoretically enough for several nuclear weapons if further enriched according to many sources.

\*

*No specific reference as this is a compilation of many open source news Internet searches and other opinion editorial views as well as the authors’ comments.*

## Name the Plane Answer: P-38L

<https://www.nationalmuseum.af.mil/Visit/Museum-Exhibits/Fact-Sheets/Display/Article/196280/lockheed-p-38l-lightning/>

### P-38 Lightning Development

The P-38 was originally conceived as an advanced, high-performance twin-engine interceptor. On Feb. 11, 1939, Lt. Ben Kelsey set a coast to coast record of 7 hours, 48 minutes in the sleek prototype Lightning, but crashed while landing. Despite the accident, development continued and the first of 13 service test YP-38s flew on Sept. 16, 1940. Early model P-38s experienced turbulent airflow over the tail and problems at high dive speeds, known as compressibility, but later modifications corrected these difficulties.

The first major production version was the P-38E, which had a 20mm cannon rather than the earlier 37mm cannon. Production of the E began in September 1941 and 210 were built. The next

version, the P-38F, introduced pylon racks that could carry either bombs or droppable fuel tanks, greatly extending its range. Production of the G began in August 1942, followed by the P-38H in May 1943, which had a more powerful version of the Allison V-1710 engine.

The P-38J, introduced in August 1943, was considerably improved over earlier models. It had better cockpit heating (a notable problem on earlier models), more efficient cooling for its engines, a flat bulletproof windscreen, additional fuel in the wings, and increased maneuverability.

### P-38 Lightning in Service

The versatile Lightning performed many different missions during World War II, including dive bombing, level bombing, bombing through clouds, strafing, photo reconnaissance and long range escort. It first went into large-scale service during the North African campaign in November 1942, where the German pilots named it *Der Gabelschwanz Teufel* ("The Forked-Tail Devil"). When the Lightning began combat operations from England in September 1943, it was the only fighter with the range to escort bombers into Germany.

The Lightning truly shined in the Pacific theater; seven of the top eight scoring USAAF aces in the Pacific flew the P-38. On April 18, 1943, the long range of the P-38 enabled USAAF pilots to ambush and shoot down an aircraft carrying Admiral Isoroku Yamamoto, who was the planner of the Pearl Harbor raid and the commander of the Imperial Japanese Navy. The P-38 became the standard USAAF fighter in the Pacific theater until the closing months of WWII.

### The Museum's Aircraft

The final production version was the P-38L, which could carry two 300-gallon drop tanks. Deliveries of the L began in June 1944 and continued until August 1945. Of the 10,038 P-38s built, 3,923 were P-38Ls.

The P-38L on display, painted as a P-38J with the 55th Fighter Squadron based in England, was donated to the museum in 1961 by the Kaufmann Foundation, Philadelphia, Penn. The top hats on the left side of the aircraft represent the nine bomber escort missions flown by its pilot, 2nd Lt. Royal D. Frey, with the yellow hat signifying five and the white hats one each.

### TECHNICAL NOTES

Armament: Four .50-cal. machine guns and one 20mm cannon  
 Engines: Two Allison V-1710s of 1,475 hp each  
 Maximum speed: 414 mph  
 Cruising speed: 275 mph  
 Range: 1,300 miles  
 Ceiling: 40,000 ft.



# Chino Valley Flyers June General Membership Meeting

Meeting opened at 10:00 AM on Saturday June 28, 2025 by President **Brian Sutton** with the Pledge of Allegiance..

The minutes of the May General Meeting were unanimously approved by members.

Treasurers report presented by **Don Crowe** was unanimously approved by members.

## Presidents Agenda

The Club membership thanked **Jeff Moser** for taking such good care of the field.

Safety officer **Rick Nichols** reminded all pilots when taking off to the West do not rotate until past the windsock. There was a recent P-factor incident that a pilot flew into the West ramada building.

**Jeff Moser** did an altitude demonstration with his 3-meter glider so members present could see exactly how high 700 feet is. Please be aware that 700 feet is our altitude height limit, without a waiver from the FAA. We don't want to lose our field so make sure when flying to honor the 700 foot ceiling.

**Brian Sutton** led a discussion regarding the \$150.00 Initiation fee and if it should be adjusted. About 10 minutes of member's opinion's were heard with the conclusion that all members will be notified and the matter will be taken up again at the July 2025 meeting.

## Events

**John Dora** gave an update on the upcoming July 12 Glider Endurance contest. We had 5 new members join in June. Meeting break goodies were provided by **Don Crowe**...thanks Don.

## Show and Tell- Planes and Projects

**John Riese** showed his EDF Lear Jet that he built from scratch.



The meeting crowd.



L to R: **John Dora**, **Rick Nichols** and **Don Crowe**.

## Door Prize and Raffle

The door prize of unknown contents was won by **Shel Leibach**. The 70 mm EDF 5-16 C Jet was won by **Popsicle Paul Gendarme**.

A motion to adjourn the meeting was approved unanimously by members present.

Respectfully,

**Bob Steffensen** Club Secretary, meeting notes taken by **Rick Nichols**...thanks Rick!



**John Riese's** Lear Jet.



Prior to the meeting a field clean up was held to take control of the weeds.

## Meeting Photos Taken by Al Weikart

### Door Prize & Raffle Winners

Door Prize Winner



**Shel Leibach**

Raffle Prize



**Paul Gendarme**