



AMA Chapter #3798

Chino Valley Model Aviators

Official News Letter



April 25, 2015

Volume 18 Issue 4

www.chinovalleymodelaviators.org

"To create an interest in, further the image of, and promote the hobby/sport of radio controlled aircraft"

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April Pylon Race Winners



Pylon race winners (left to right), First Place: Ethan Hughes, Second Place: Chris Myhre, Third Place: Greg Pitcock and Most Spectacular Crash: Bob Steffensen. They display their engraved CVMA beer mugs in front of the electronic lap counter. A great race day, see page six. Thanks to Don Ferguson our outstanding club Activities Director.

"An optimist laughs to forget, a pessimist forgets to laugh!"

Unknown

Support Our Local Hobby Shop



The Safeway Center
Prescott Valley, AZ

MAX & CINNAMON BANDY

THEY SUPPORT OUR CLUB

Please support them as well.

Sparky Thornton's Very Cool Twin Dornier 335



Sparky's Dornier Do 335 "Arrow" World War II heavy fighter comes in for a landing. The plane was built by the German Dornier company. Only a few were built at the end of WWII. See page three for a few more shots of this very well built scale German fighter. Sparky is one of our best scale builders.

See page three.



Mike's Blue Baby

Field Chatter from CVMA President, Michael Kidd: No Kidding!

Greetings Fellow Pilots,

If you missed this months meeting you missed a good one. We had a great crowd and a lot of fun. Hopefully we will see you at the next meeting.

The weather has been pretty windy for the past 5 days, and with the wind is the chill factor, very cold. Hopefully it will let up soon so we

can get some good flying accomplished.

We are planning a "Construction Party" on April 23 at 8:00am. We have a small backhoe that belongs to member *Adam Reynolds* to dig a ditch to lay conduit and wire from the new storage building to the old cabana. All that will need to be done by hand is to lay the conduit and wire in the ditch and

maybe a bit of shovel work to level it out.

We will also be setting up the concrete seats that were moved to the South when all the concrete work was done. We plan to use Adam's backhoe for most of the heavy lifting.

The addition of the conduit will allow the club to run a generator for our events, but the generator will then be located behind

our new storage building so we will not have the noise to contend with near the cabana as we did in the past. What a blessing this will be.

SO esteemed members, if you can help out with all our work parties that would be awesome, the more help the quicker it will go.

Safe Flying,
Michael Kidd, El Presidente

TAKE YOUR TRASH HOME



Lipo bucket from the field, left, is not for trash. Take your trash home members.

There are no trash cans at the field.

CVMA MEMBERS Kick In Your Afterburner...



BUILD SOMETHING, BRING IT TO OUR NEXT MEETING!

CAN YOU NAME THIS PLANE?



Answer on page 9

CVMA NEWSLETTER

Published Monthly

AMA Chapter # 3798



- President — *Mike Kidd*
- Vice President — *Steve Shephard*
- Treasurer — *Don Crowe*
- Secretary — *Jerry English*
- Safety Officer — *Charlie Gates*
- At Large Members — — *Bob Noulin*
Randy Meathrell,
Bob Steffensen,
Wait Findley,
Ken Shephard
- Newsletter Editor — *Bob Shanks*
- Activities Director — *Don Ferguson*
- Flight Instructors — *J. Stewart, M. Kidd*

CLUB PILOTS FLYING THEIR AIRCRAFT



Roger Calvert's Big Gas Corsair



Greg Daebelliehn works on his German war bird.



Marvin Jones' Extra 260

Frank Sanderson's 3D Hobby Edge 540

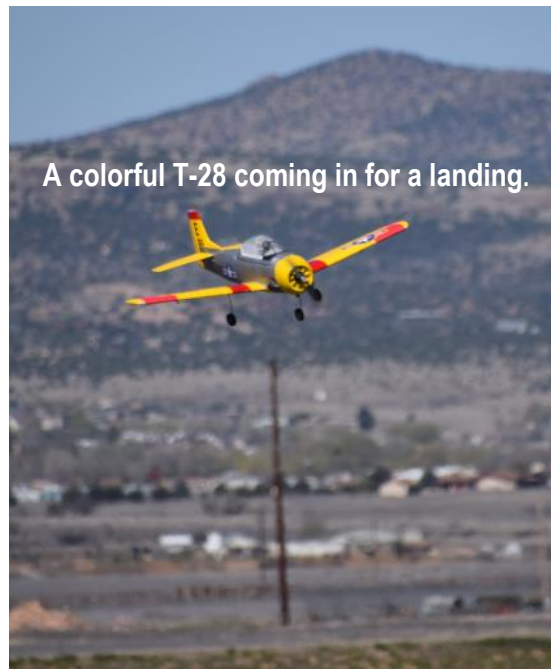


Andy Younker lands his Colorful T-28 four pylon heats were successfully run on April 4.

Sparky Thornton's German Luftwaffe Dornier 335



John Stewart flew Sparky's plane.



A colorful T-28 coming in for a landing.



Sparky's 335 on final.



The Luftwaffe's 335 performance was superior to other twin-engine designs due to its unique in-line engine "push-pull" twin power and low aerodynamic drag of the two engines. The Luftwaffe only built a few just before the end of WWII.

CLUB PILOTS FLYING THEIR AIRCRAFT



Randy Meathrell's Twin EDF A-10

Don Ferguson launches the "Bear"!



Randy Meathrell's Rare Bear



This little *Hobby King* foam Bear flies in excess of 110mph here at our altitude. It flies great at half throttle. This would be a great little racing plane and is only about 100 dollars with almost everything needed to fly. Some clubs in California race this little bird regularly.

The Hobbyking Rare bear Race Series offers a genuinely cheap, simple, fair and reliable entry level racing class using a proven airframe that is tough and flies exceptionally well. The Rare Bear airframe (with motor installed) is ready to paint, it also has all the right connectors pre-soldered for and three spare props are included along with a high performance 4s 45c Nano-tech Lipo battery. Hey let's race this little beast!



Member *Anibal Castro* was flying a cool foam Mig 15.



The runway cracks have been repaired. A strong weed killer was used before the hot liquid tar was applied to seal the crack and then smoothed by the paving company.



Dane O'Brien's Krill 41.



April General Meeting Highlights



Complete meeting minutes will be officially approved at the next General Meeting.

Randy Meathrell's Rare Bear

Meeting was called to order at 7:00 by El President *Mike Kidd*. The pledge was led by secretary *Jerry English*. We had a total of 40 members present with two new junior members sponsored by *Frosty Wells*. Regular new member *Walter Gkontowski Jr.* introduced himself making it now a total of 121 paid regular members with two junior members.

Mike announced the Board decision to apply the raffle proceeds to the runway fund making a total for the evening of \$201. The runway fund (to repair weed damage, re-oil the new paving and complete the new paving on the old section of

the runway) brings the fund to \$3,091. *Rick Nichols* asked how much we need to completely re-oil and complete the entire runway, Mike said a total of \$11,000 was needed. We should be able to complete the runway next year.

Mike reported on the project to run conduit from the east end of the shed to the west end of the cabana to allow us to run generators out of hearing range. Mike thanked *Harvey Hunter* for the donation of the wire for the project. He also thanked *Adam Reynolds* in advance for the use of his backhoe to dig the trench. discussion of the trenching ensued. It was generally agreed to be done on Thursday the March 23rd at 8:00.

Mike brought up recent discussions at the field about the old charging station, general discussion followed, the plan is to add 2 new batteries to the system and hook the old station into the system. *Don Crowe* asked if anyone had old batteries that he could turn in for their 'core' value for \$27 each up to 6 batteries, the money going back into the club account.

Show and Tell
Larry Parker presented his mini Cruiser; *Glenn Heithold* presented his scratch built seaplane; *Rick Nichols* presented his 'Yardstick' scratch built plane *Randy Meathrell* presented his Rare bear racer and *Bud Mellor* showed his PBY Calypso. Door prize was won by *Walt Findlay*.

Raffle Results
Glenn Heithold- Glow motor and servos; *Harvey Hunter*- Slo Stik
Larry Parker - Horizon Skywalker; *Charlie Gates* - Fancy Foam 3D; *Rick Nichols*- Gift Certificate; *Bob Colianni* - Charger; *Bob Steffensen* - Gift Certificate; *Leonard Brown* - motor; Junior member *Juan* - Transmitter Tray.

V.P. *Steve Shephard* reminded everyone to sign up for Gymkhana. The meeting adjourned at 8:46.



Jerry English, center, builds a Foam Blue Baby for each \$150 donated to the runway fund. Rick Nichols right and Mike Kidd received theirs at the meeting.



Activities Director Don Ferguson discusses pylon race results and upcoming events.



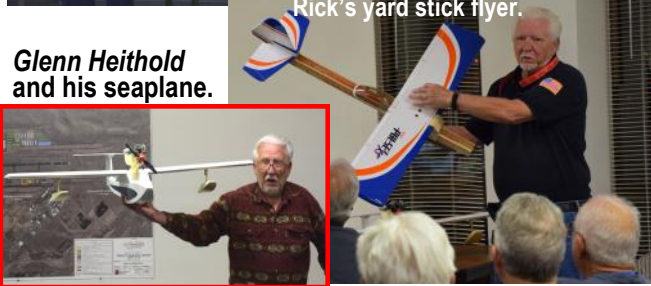
Bud's very cool PBY Calypso and it even has fold out wing tip floats!



Larry's Mini Cruiser.



Randy's slow stik combat ship.



Rick's yard stick flyer.

Glenn Heithold and his seaplane.



Randy's Rare Bear.

SHOP VALLEY HOBBY

Please shop at our only local hobby store, Valley Hobby, they support our club so well. Cinnamon and Max Bandy go all out for our CVMA members and local RC fans.

CVMA PARK ZONE PYLON RACES HELD APRIL 4



Don Ferguson's T-28 Racer



A T-28 coming around the pylon with a Corsair in hot pursuit.

OFFICIAL RACE RESULTS

By Don Ferguson

We had a pylon race record of 14 Pilots. This year we even had a run off Race for third place between Craig Pitcock, Jerry Calvert and Don Crowe.

Thanks to all who made this such a successful race; Mike Kidd for running the Scoring System; Pylon Judges Tom Wells and Larry Parker; Lap counters Dennis O' Connor, Bud Mellor, Jack Hardy, and John Walker.

Thanks to Don Ferguson and Chris Myhre for the donuts. And a big thank you to all of those that helped with the clean-up after the races. Official race results:

- First Place - Ethan Hughes
- Second Place - Chris Myhre
- Third Place - Craig Pitcock
- Most Spectacular Crash -

Bob Steffensen



Low and close to the pylon!



Pilots and spotters setting up.



This was the best attended pylon race CVMA has held!



Race Boss Don Ferguson conducts the pilots' meeting.





“Ok, but if sentient robots don’t rise up and enslave Humanity, what sort of careers might you be interested in?”

MARK YOUR CALENDARS

CVMA 2015 EVENTS

- May 9: [Gymkhana/Combat/Swap](#)
- June 27: [T-28 Pylon Race](#)
- Aug15: [War Birds Pylon Race](#)
- Sept 11, 12: [Steve Crowe Fun Fly](#)
- Oct 16-18: [Electri-fly & Chili feed](#)
- Nov 6, 7: [Thunder in Chino Valley Jet Rally](#)
- Dec 5: [Christmas Party](#)



Club meetings:
Third Wed. of each
month at 7pm.
[Prescott Airport](#)

DON'T FORGET TO LOCK THE GATE

ALL CVMA MEMBERS:

LOCK THE GATE WHEN LEAVING, IF YOU ARE THE LAST ONE OUT.

WE ALL MUST REMEMBER TO LOCK THE GATE.

THIS MEANS SPINNING THE LOCK A FEW TIMES AFTER FASTENING IT
TAKING IT OFF THE COMBINATION NUMBER.

SAFETY: ALWAYS A CRITICAL ISSUE

Your editor visited with our safety officer, *Charlie Gates*, he asked that I remind flyers to not arm their electric planes under the cabana or in that area, only arm them on the flight line.

He also said we must remind pilots to make sure they disarm their planes at the flight line stations.

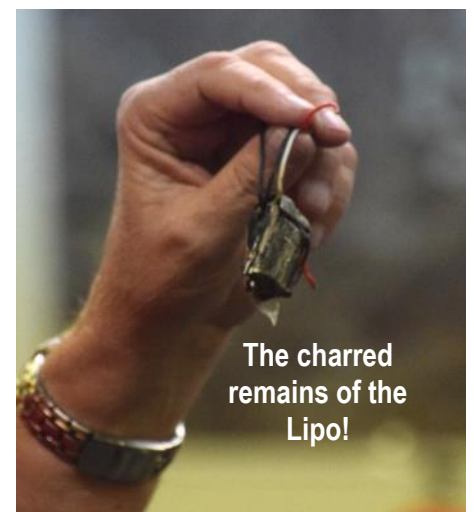
Always insure that children and animals are kept back from the flight line area as well. We have a number of members who often bring pets out to the field as well as guest children so be aware of these visitors and assist them at

understanding our field.

At our monthly meeting *Randy Meathrell* presented what not to do when he tried to charge his small 2S Lipo with a 4S Lipo! The picture at right shows the burned remains. As always never, never, charge a Lipo unattended and only charge like-sized batteries at the same time.

As a matter of procedure double check your charger settings especially if you are charging a variety of Lipo batteries of different sizes, voltage, number of cells, and amperage charge rate needed.

Randy was there and averted a potentially serious incident and possible workshop fire.

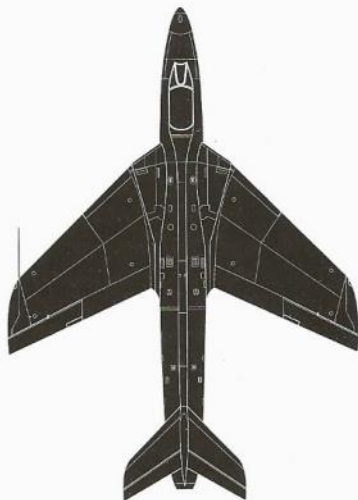


The charred remains of the Lipo!

RAF Hawker Hunter: Air Power Classics

Hunter

This makes a great RC EDF and there are some good kits out there.



The sleek transonic Hunter was a mainstay of frontline RAF operations in the 1950s and 1960s. The Hawker Siddeley fighter-and-attack aircraft was highly popular abroad, too, serving in 21 non-British air arms. It began life as the RAF's premier fighter. Then, as it was phased out of that role in the 1960s, it began a second career as the RAF's main ground-attack aircraft.

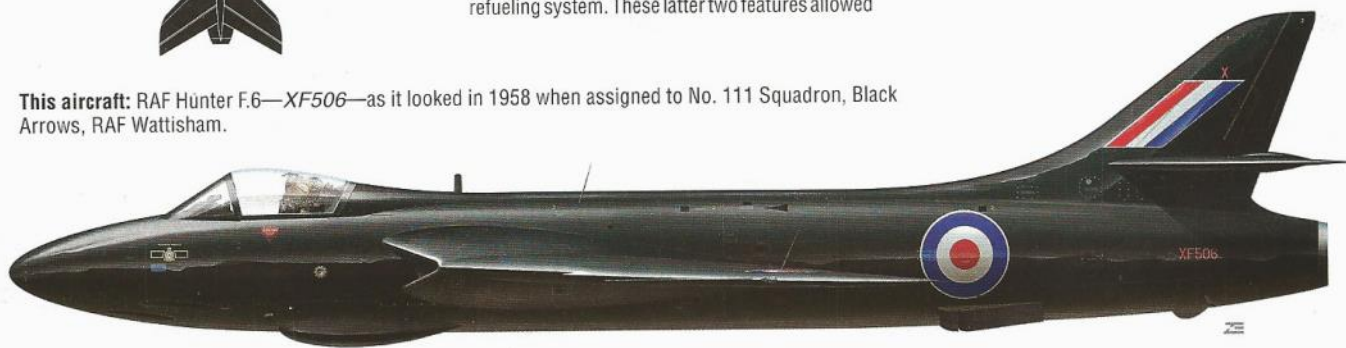
The Hunter was a conventional all-metal type, with a leading edge wing sweep of 35 degrees. Though the aircraft had a long teething period—many problems had to be fixed—the eventual fighter proved easy to fly. It was RAF's first high-speed jet aircraft equipped with radar and fully powered flight controls. All of its 30 mm guns were carried in one detachable gun pack. It had a pressurized refueling system. These latter two features allowed

ground crews to turn the aircraft in seven minutes. Hunter began its second act as the FGA.9 attack aircraft in 1960, a move whose physical changes, however, compromised its speed.

The Hunter gained perhaps its greatest fame as the demonstration aircraft of the Black Arrows, the RAF's first aerobatic team, and the Blue Diamonds, its successor. More importantly, however, the Hunter proved able in combat, first in Britain's 1956 Suez invasion and later in RAF operations in Indonesia. Iraqi Hunters fought in both the 1967 and 1973 Mideast wars. Kenya, Rhodesia, and Somalia all used Hunters in local wars. And India's Hunters flew against China in 1962 and Pakistan twice (in 1965 and 1971).

—Robert S. Dudley with Walter J. Boyne

This aircraft: RAF Hunter F.6—XF506—as it looked in 1958 when assigned to No. 111 Squadron, Black Arrows, RAF Wattisham.



In Brief

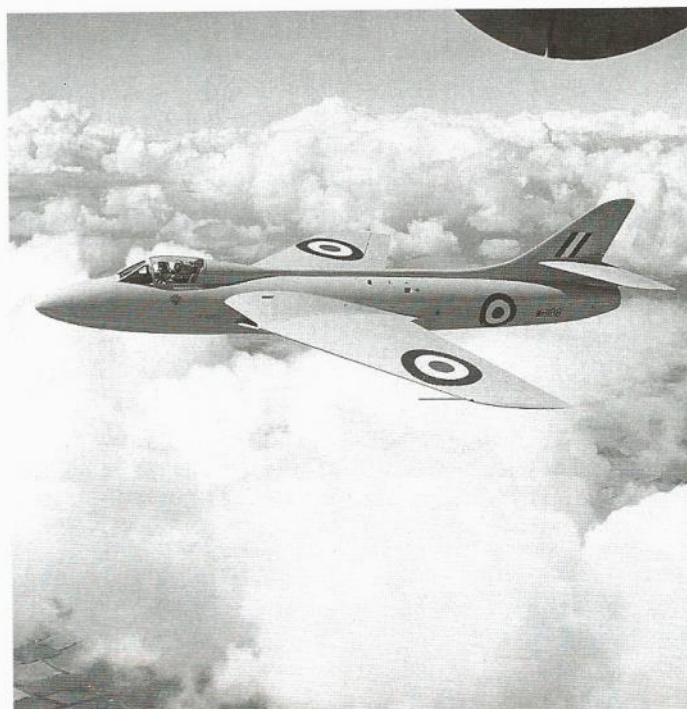
Designed, built by Hawker Siddeley ★ first flight July 20, 1951 ★ number built 1,972 ★ crew of one to two ★ **Specific to Hunter F.6:** one Rolls Royce Avon 207 turbojet engine ★ armament four AIM-9 Sidewinders, four 30 mm cannons ★ munitions load up to 7,400 lb of bombs, rockets, missiles, including AGM-65 Maverick ★ max speed 715 mph ★ cruise speed 500 mph ★ max range 445 mi ★ weight (loaded) 24,600 lb ★ span 33 ft 8 in ★ length 45 ft 11 in ★ height 13 ft 2 in ★ service ceiling 50,000 ft.

Famous Fliers

Record setter: Neville Duke (world speed record, 1953). **RAF notables:** John Tumlilty (killed in 1956 six-jet accident), Roger Topp (leader, Black Arrows), Brian Mercer (leader, Blue Diamonds), Alan Pollock (flew Hunter under top span of Tower Bridge, April 5, 1969). **Other notables:** King Hussein bin Talal of Jordan; Saiful Azam (Pakistani pilot, flying Jordanian and Iraqi Hunters, downed two Israeli fighters in 1967 War). **Test pilots:** Duncan Simpson, John Sowrey.

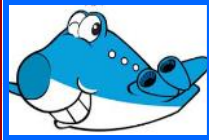
Interesting Facts

Set world speed record (1953) of 727.63 mph ★ flown by two RAF demonstration teams—Black Arrows and Blue Diamonds ★ served in RAF and Royal Navy ★ suffered major mishap (1956) when six Hunters ran out of fuel and crashed ★ sported under-cockpit blisters nicknamed "Sabrinas," after voluptuous starlet ★ ordered by, but withheld from, Castro's Cuba ★ used by aero teams of Belgium, India, Jordan, Singapore, Sweden, Switzerland ★ flown by Jordan against Syrian tanks in 1970 Black September war ★ bombed palace of Chile's president Salvador Allende in 1973 coup ★ exported to 21 nations, including nine Arab states ★ featured in films "The Sound Barrier" (1952), "High Flight" (1957), and "Machuca" (2004) ★ flown in more than 25 major variants.



The Hawker prototype aircraft.

From The Air Force Magazine



NAME THAT PLANE: The Vertol VZ-2



Vertol, with its long helicopter history, began involvement with Tilt-Wing investigations in the 1950s with work on its company-designated Model 76 program. The research would be affirmed with a joint Army/Navy contract, signed on April 15, 1956, with the effort being defined as the VZ-2A program. With the cost of modern day military contracts, the design and development was for the momentous amount of \$850,000 !

The resulting vehicle could best be described as "frail looking", with much of the fuselage being of open-tubular construction. If you were to view the vehicle strictly from the front, some would swear that this was a helicopter-type vehicle with its characteristic bubble-type cockpit. That cockpit was located far forward of the wing pivot point and featured side-by-side seating for the two-man crew.

For safety considerations, there were also dual controls which could move control surfaces on the tall-straight-up vertical stabilizer topped with a flat horizon-



Besides demonstrating the feasibility of the tilt-wing concept, the VZ-2 program resulted in some significant contributions to tilt-wing technology.

tal "T" configuration. The complexity of the concept was increased with the addition of a pair of ducted fans for pitch and yaw control, both being located in the tail configuration.

From Wikipedia

Scale Building is Not a Lost Art

If you want to get more into building scale but don't want to scratch build check out some of the high quality civilian and military kits available from I.M.P., they offer some large kits and a host of associated parts plus plans as well for the scratch builder: <http://www.impscale.com/index.html>, They have a free catalog available.

One of their products is a great book on composite construction. Many modelers feel more at home using balsa but the use of composite materials can really enhance that scale model. The book is listed for \$19.95. Get informed on composite uses.

Seems more and more of our members are going to gas powered models which usually are larger. Perhaps that scale project you have had in the back of your mind needs some research. Chances are good that I.M.P. will probably have it as a kit. Check out their web site members. Here's one of their quality P-40's...



Notable Member Projects



John Stewart's new Pete-N-Poke gas powered beauty.



Chuck Colwell's Skyraider from the recent Castle AFB RC model show held in California. Nice model Chuck!