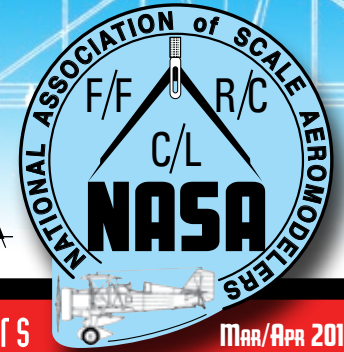


# REPLICAS



Newsletter of the National Association of Scale Aeromodelers

MAR/APR 2013

## NASA Airplane Raffle



To raise funds to help with the expense of the Scale Nats operations, in last year's board meeting at the Nats, the board approved the motion to have an airplane raffle this year.

Horizon Hobbies donated an 88" Tiger Moth ARF, I donated a DLE-20 gas engine and Dick Petit donated his time (& digital JR servos) to assemble the airplane for us. Barbee Concrete donated the tickets.

**Click here to buy your raffle tickets online!**

Dick was also instrumental in getting several other companies to donate items needed to complete the process. The aircraft is ready to fly, all except a receiver (Dick kept his receiver). Just add your receiver of choice.



The engine has been test run and adjusted. The aircraft is eligible to enter in fun scale competitions with the appropriate photo and any giant scale fun-flies (IMAA).

Tickets are \$5.00 each, 3 for \$10.00 or 6 for \$20.00 and can be purchased from Mike Barbee, Mark Lanterman (thru the NASA website using PayPal) or Jim Martin. We can



## Renew your NASA membership!

## This will be your last Replica unless you renew today!

send any number of tickets to those willing to sell them. The drawing will be held Saturday night at the Scale Banquet at the Nats, July 13, 2013. We have acquired the Claude McCullough Education Facility building (by the AMA Museum) for the banquet again this year.

I hope everyone will help sell tickets and support NASA in our quest to make the Scale Nats better than ever.

**JIM MARTIN**  
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# President's Notes

Hello everyone. The snow is finally melting away in my area. Hope this winter gave some of you quality shop time on a new scale model. I know it was good for me. I finished my big 36 % T-34-B and even put the first flights on it. To do this before the Toledo Show was a 30 year first for me.

I want to invite all of you to attend the NATS this year. Whether you are competing or just renewing old friendships, we have some special events planned after the flying. Shannon Ort is the social chairman for the event and Jim Martin is the R/C event director. Allen Goff is the event director for our scale control line friends. The NASA banquet will be held Saturday evening July 13 at the AMA Museum. There will be great food and our NASA auction. This year we will draw the winner of the grand raffle for the scale Tiger Moth (ready to fly). Please don't forget to buy our raffle tickets. 100% of the proceeds go to help NASA and the NATS program. Tickets are \$5.00 each, 3 for \$10.00, or the best deal 6 for \$20.00.

This year I want to encourage you all as NASA members to get someone else involved in scale modeling. Bring a buddy to the NATS to fly or just observe and have some fun.

There are other scale events planned for this summer. My friend Ed Terry will be the CD of the Southern R/C Scale Championships. The dates are May 18-19 and this event is

sponsored by the Cullman Aeromodelers. For more information contact Ed Terry at 256-747-1217.

The Mint Julep will be held at a new location this year. The host club will be the Ohio River View Fliers at their club field in Rosewood Indiana. Dale Arvin and Paul Cain will handle the duties of event C/D's. The dates are also new - June 6-9, 2013. Look for more info in Model Aviation magazine under the flying event postings. The field is superb in every way and the club members will treat you like you are in first class.

In August I want to invite all of you to enjoy some hot summer Ohio weather, for the 1st Annual Columbus Scale Classic. The dates are August 17-18, 2013. The event will be held at the Westerville Model Aeronautics Association field ( WMAA ), or Dinneen Field at Alum Creek State Park, Lewis Center Ohio. I am the C/D for the event and will be assisted by John Boyko. We are planning a big hangar party Saturday evening for all pilots, volunteers, and guests at the Monster Hanger. More info can be found on our club website [www.wmaa-wags.org](http://www.wmaa-wags.org). I want to thank the WMAA members for allowing me to use the field for this weekend. The field will be open Friday Aug.16, for practice flying and fun.

Stop by and see us at the Toledo Show in the NASA booth. This will be a good opportunity to renew your membership and purchase the raffle tickets. You can also go on line to the NASA site and use the Pay-Pal feature to buy tickets and pay dues.

See you at the field flying scale

**MIKE BARBEE**  
[mabarbee@aol.com](mailto:mabarbee@aol.com)

## Muncie Hotels - NATS

Attention All AMA Members:

When contacting the hotels at Muncie for NATS room reservations, tell them you're with the AMA to get the AMA rate. All hotels except the Fairfield have special AMA rates (prices vary plus tax).

Baymont Inn (old Signature) - \$66,

Lee's Inn - \$59,

Comfort Inn - \$75,

Days Inn - \$54 (must show AMA card),

Super 8 - \$55,

Fairfield - \$95.

They did not give the rates for the Hampton Inn or the Holiday Inn.

**JIM MARTIN**  
[Jim.Martin@faa.gov](mailto:Jim.Martin@faa.gov)



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# 12 Inches to the Foot

Well spring has sprung here in the south and with it you naturally want to go flying! It seems that Mother Nature (I call it other things sometimes) has a notion to have the wind blowing at gale force strength every time I'm off work, which isn't often. But the winds will die down a bit in the coming month and we'll have some good flying here at the local fields.

## RESEARCHING SCALE MODELS

Sometimes you have a full scale aircraft you want to model but can find little or no documentation on it at all. The first choice I would look under would be the internet. Type in the aircraft manufacturer, the model, and the N number. You might be surprised at what comes up. It's amazing just how much aviation information the internet has on it. Start a file on the airplane you are documenting and search for information, and file it either on your computer or print out a hard copy - or better yet, both!

I had been researching the Gee Bee Model D Sportster for some time and happened to think about putting in the premier model designer for all Gee Bee aircraft, Henry Hafkee. After typing in his name on a Google search, page after page popped up about this designer who sold plans under Model Aviation, Flying Models, and several other magazines. The Model D Sportster had an in-line engine and large wheel pants. At 1/4 scale it has a wingspan of 75". I just thought it would be cool to blow that thing up to a nice round number of 100" and 1/3rd scale. At that size you could give rides to those small dogs you see at contests!

But the text and information about all of Henry's designs are there on the internet. He also built the following versions of Gee Bee aircraft: Gee Bee Model E 1/4 scale, Gee Bee QED, Gee Bee Model Y Senior Sportster 1/4 scale and 1/5th scale (at 1/3rd scale this would truly be a giant of a model at 120"). Also the most famous Gee Bees (the RI) at 1/4 scale and the Gee Bee Biplane, and if you care to look there are many others. Almost all of these airplanes are 4 channel models with no flaps so you have to fly all of the maneuvers to get your points. Maybe that's why you don't see very many on the contest circuit today. But the research and history of the Gee Bee aircraft and the Granville Brothers is largely intact thanks to Henry's book *Gee Bee- The Real Story of the Granville Brothers and Their Incredible Aircraft*. Online retailers are selling this book for as much as \$100 a copy but you should be able to find one for about \$29.95. Plenty of b&w photos and drawings of several of their designs and the history of the racing legend the Granville Brothers brought to life in Springfield, Mass.

Other designs have had much more written about them and there is more documentation on many different designs but you have to find something that excites you and makes you want to spend hundreds of hours in the shop making what my wife lovingly calls "the balsa cloud". Oh well, you have to be there to appreciate it, I guess.

I keep files on many different airplanes and I'm sure some will make it to the workbench and others never will. But I have the documentation to build them if time and health permits.

How many scale models do you have waiting "in the wings" for the time to build them? Some I've been looking at are the P-40E, Stinson SR6, Henschel HS 123 dive bomber, the Cessna C-165 and the Bellanca Cruisemaster I4-I9-2 and there is also plans for a 120" Model Y Senior Sportster and a 1/3rd scale Model D in there somewhere.

The documentation is out there, you just have to find it. I searched for over 4 years for the documentation on the HS 123 biplane dive bomber. It came from as far away as Poland and Berlin, Germany. Sometimes when you find what you want it takes time but its worth it.

## THE ANTIQUE AIRPLANE ASSOCIATION

The Antique Airplane Association Fly In will be held the last week of August in Blakesburg, Iowa. You have to be a member to attend but the membership is worth it, as well as the visit to Blakesburg. About 20 miles out from the field you start to notice the air traffic overhead and some very unique airplanes milling around the sky. Everything from WWI Jenny's to modern classics are in attendance each year and you never know for sure what's going to turn up.

Is it like the EAA Air Venture? No. Its more relaxed and everyone there seems like they are glad to see you. The home made pies on the library porch are mouth watering from the Blakesburg Historical Society, and you can't get the blackberry pie that I already have reserved!

Stop and share a little shade under a wing, or go over to the hangars where you can have a light breakfast or lunch. Coffee mugs are available each year's event but get them quick or they'll disappear. The same goes for the T-shirts and other goodies. It's a good time on a grass field,



## 12" To The Foot - continued from page 3

I probably only took about 2000 photos the year we were there. It takes about 8 hours to drive there from Nashville at a leisurely rate, stopping off at gift shops and antique stores and any hangar we see in sight.



The library and Air Power Museum are something to see also and is chocked full of airplane publications, many of which I'd never seen before - and on some obscure stuff at that. It's also a good place to get out of the heat if it happens to be hot that week. This is where my wife stayed except during the mornings or evenings when we toured the rows of aircraft looking for something I hadn't shot yet. You might even run into Mike Gretz, who runs the library and sometimes gets out on the field. Mike (like everyone else there) volunteers and they do one heck of a job!

Old cars, scooters and motorcycles are also around. We were there in 2011 which was the year for the Monocoupe invasion from all over the country, great stuff and the Mullicoupe was a Monocoupe on Steroids and then some! That big engine just growled when it taxied to the row of Monocoupes.

See you at the Nationals! or maybe Blakesburg!

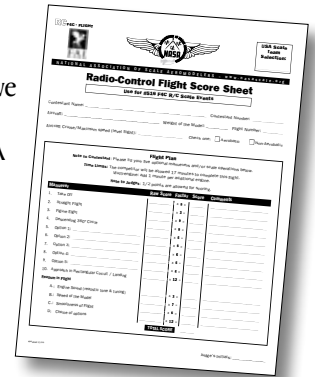
Fair Skies & Tail Winds,

**STAN ALEXANDER**  
onawing4602@att.net

[www.NasaScale.org](http://www.NasaScale.org)

### NASA NEWS AND INFORMATION ON THE INTERNET

If you have internet access, you owe it to yourself to visit NASA's web site - [www.nasascale.org](http://www.nasascale.org). The NASA site was designed from the start to be the only place you need to go to find out everything that's happening in the world of scale aeromodeling - whether it's here on the National front, or on the International front - the domain of the FAI.



### COMPETITION DOCS/FORMS

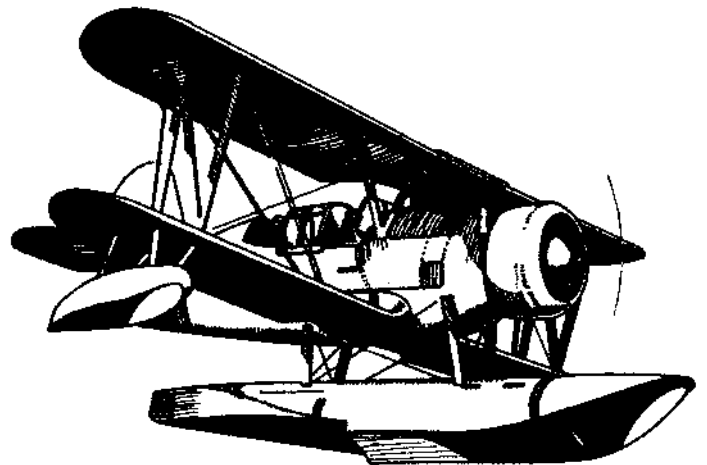
This is one of the more exciting features of the web-site. We have all the competition forms and documents for scale competition online in pdf form. Not only are the documents up-to-date, but we now have two versions of each.

One is the regular pdf that we invite contest directors to download and printout for use in their contests.

The second (and more exciting) version of the form is the "intelligent" form. Using this version and an up-to-date version of Adobe's Acrobat Reader, you can fill out all your information using your computer, then pre-print copies to take to your next scale event: information about yourself, your plane and your maneuvers/options. All AMA rule book maneuvers/options (as spelled out in the current AMA rule book) can be selected from pull-down menus; right on the .pdf. Imagine not having to spend time at your next contest filling out forms!

Oh, one more thing - the forms do NOT allow you to fill in your own scores! Sorry - some things are best left up to the judges!

The forms are online now for all Control-Line and RC events - from Fun-Fly up to FAI! Click here to download your forms today!



# Scale Event Calendar

## TOP GUN

May 1-5, 2013 - Lakeland, Florida  
<http://www.franktiano.com/TopGunFrameset.htm>

## SOUTHEASTERN R/C SCALE CHAMPIONSHIPS

May 18-19, 2013 - Cullman, Alabama  
<http://www.nasascale.org/pdfs/sesc2013-flyer.jpg>

## MINT JULEP

June 7-9, 2013 - Rosewood Indiana  
<http://www.sircm.com/Mint-Julep.html>

## AMA NATIONAL SCALE CHAMPIONSHIPS

July 12-14, 2013 - Muncie, Indiana  
<http://www.modelaircraft.org/events/nats.aspx>

## EAA AIRVENTURE

July 29 - August 4, 2012 - Oshkosh, Wisconsin  
<http://www.airventure.org/>

## COLUMBUS SCALE CLASSIC

Aug 17-18, 2012 - Westerville, Ohio  
<http://www.nasascale.org/pdfs/CScaleC2013.pdf>

Try to stay in the middle of the air. Do not go near the edges of it. The edges of the air can be recognized by the appearance of ground, buildings, water, and trees. Trust me - its much safer to stay in the middle



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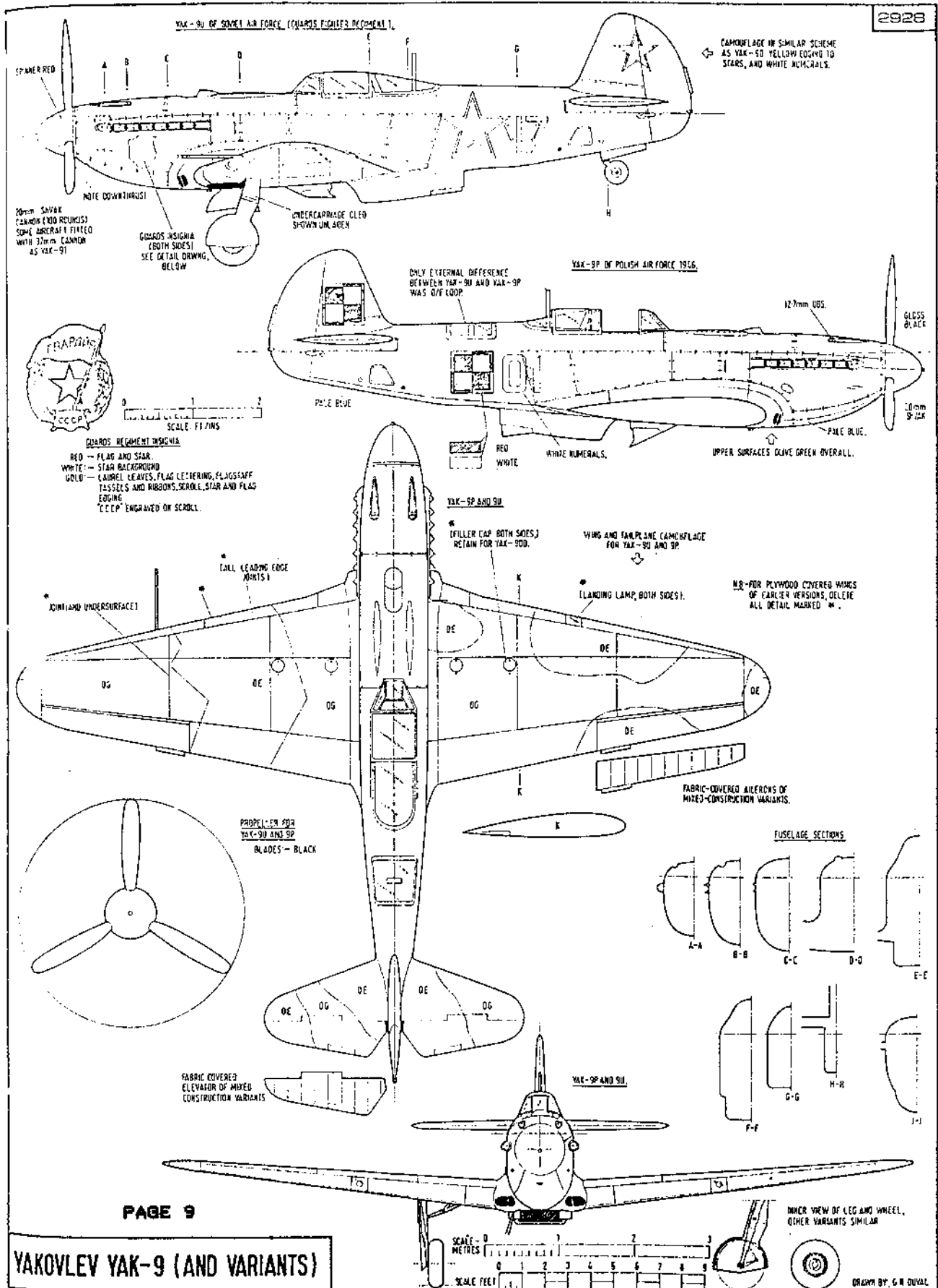
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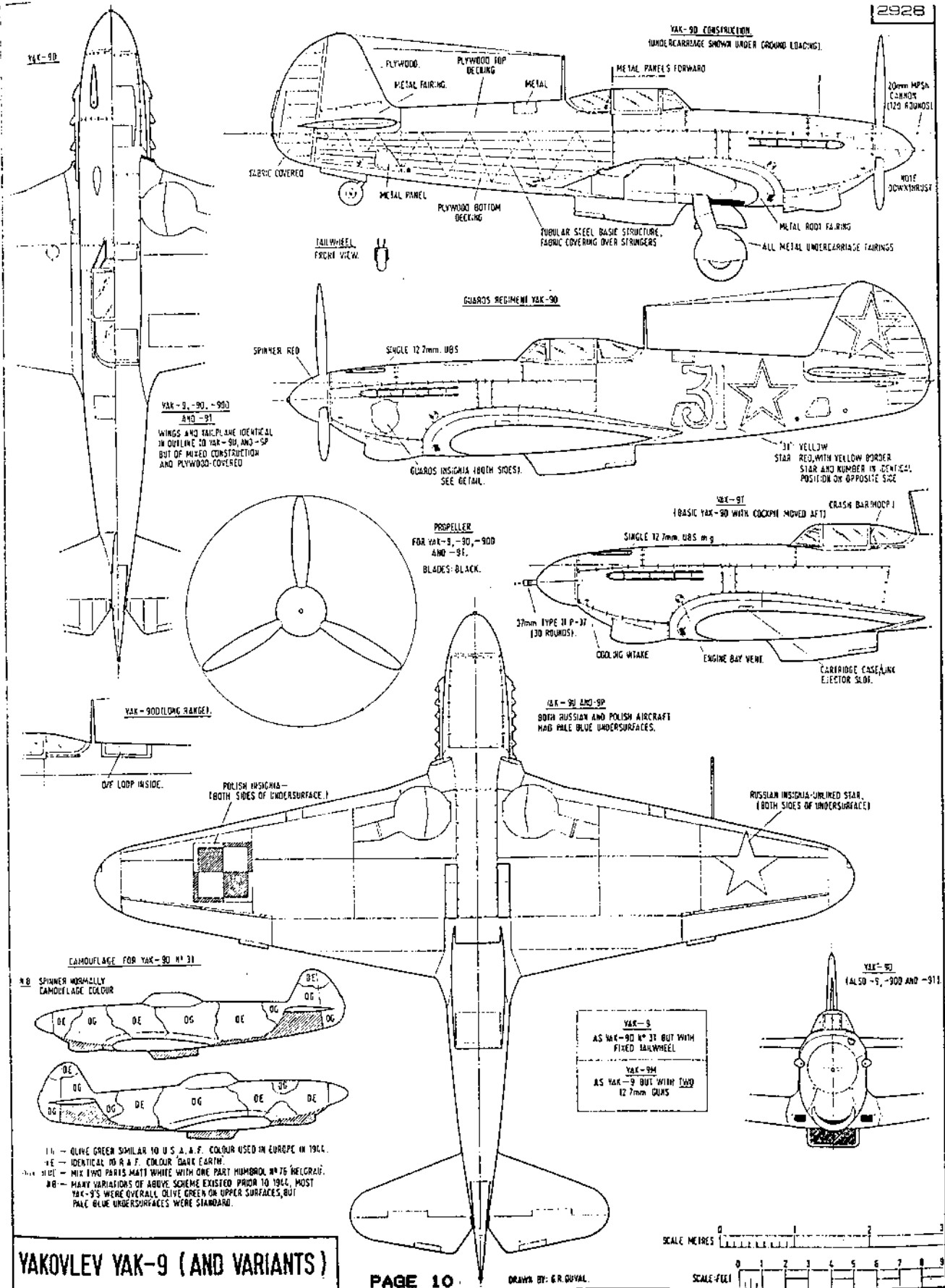
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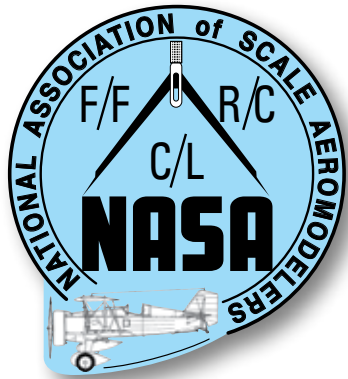
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