

GROWLER

THE NEWSLETTER FROM PROWLER AVIATION, INC.

Volume 4
Issue 1
APRIL 1993

Spring is here, we think. At least the calendar tells us this is happening. However, in looking out of the window, we are still looking at grey skies and rain drenched ground. This is really some way to end the drought in California. We have a very large Dam spanning the Sacramento river, just upstream from town. (Shasta Dam) We have had so much rain and snow this year that the lake behind the Dam has risen about 150 feet. This lake has over 300 miles of shoreline when full, so you can guess the amount of water it has taken to bring it to the top of the spillway. The Sacramento Valley would have been under flood conditions if it had not been for the Dams over the rivers here in the western United States. If you decide to visit our plant this year, you should set some time aside to enjoy some of the finest water sports in the country. We really have full lakes now for your enjoyment.

Many of you have been requesting our schedule for airshows this year; so get your pencils ready and mark your calendars:

Corning, California
May 15

Oshkosh, Wisconsin
July 24- Aug 4

Redding, California
May 22, 23

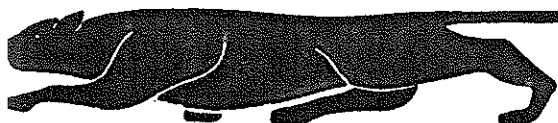
Chico, California
Sept 12

Watsonville, California
May 28, 29, 30

Reno, Nevada
Sept 15, 16, 17, 18, 19

Merced, California
June 4, 5

This is double the number of appearances we made at Air Shows last year. If all goes well and our Budget Projections are on target we will be at each of the above shows. This really keeps our small company hopping to make these dates and keep up with the production schedules. There are the usual long days and cold nights ahead, filled with heartburn from the hot dog stands and other assorted "faster yet" food places, but we really do enjoy showing and talking about the *Jaguar*. When we see people actually run back to their cars to retrieve a camera in order to take pictures of our airplane, we know that it is all worth it.



PROWLER AVIATION, INC.
3707 Meadow View Dr., #500, Redding, CA. 96002
Phone (916) 365-4524 FAX (916) 365-4570

If you are calling the plant on any of these dates, we will have someone here to assist you regarding any questions you may have. We will be staffed not only in the office but in the production departments as well and can service your needs. You may be contacting the answering recorder on Saturdays and Sundays, but our staff will be getting to you on Monday. If you need to talk directly to George or myself, then we will be in touch with our office on weekdays and are just a phone call away.

Since our winter issue, we have had some more exciting things happen to us with our advertising program. We are now in the Worldwide Homebuilt Aircraft Directory 1993 (page 45). We will be on the cover of Aero Crafter, by BAI Publishing. This is a new publication located in Benecia, California. (publisher Don Purdy) They have elected to use us as an example of their advertising Brochure as well. This is a very nice full color document, featuring the *Jaguar* on every page, including examples of specifications for interested advertisers. Aero Crafter, of course have used our specifications. Talk about getting off on the right foot. We think their choice was very wise and appropriate. Of course !!

Talk about advertising---- to this point, we have achieved a great amount of exposure with minimal costs. Most of our recent exposure has been in editorials that have been written by magazine management. You might want to review some of these very nice remarks in the following issues:

Sport Pilot	March 1993	Page 33
Private Pilot	February 1993	Page 7-8
Kitplanes	March 1993	Page 69
U.S. Aviator	February 1993	Page 78-79

We also were able to appear in one of the best trade magazines on the market today, "Aerospace Products" December 1992 (page 11). We received over 1200 inquiries regarding our advertisement. In talking to the Writer who worked on the ad for us; we were informed that they had never seen a response to an ad like that one. The numbers were just phenominal.

Now to catch up on some of the Back news---

In January we welcomed our newest buyer/builder Dr. Don Rogers of Anchorage Alaska. Dr Rogers is a Pathologist specializing in Forensic Medicine. His plans are to retire in a couple of years, complete his kit, and enjoy the Alaskan landscape in his *Jaguar*. Dr. Rogers says that he and his wife will be involved with the building; as soon as the snow allows them to get to the workshop.

On January 16 and 17, we attended the World of Motorsports show in Sacramento, California. The event was held inside Arco Arena. The winds blew and the rain fell in deluge quantities, but we were very comfortable in the arena. We were given center stage again. (Boy, it must be something about the airplane the promoters like) We were on the ground floor so that when you entered the seating area you could not miss the *Jaguar*. There were around 100 other types of sportscraft in our area, ranging from unlimited hydro-foils to midget racers. George, his wife Kathleen and I set up shop around the aircraft and fielded the usual questions. We also made contact with a number of potential buyers, many of whom returned a number of times over the two day period. We came back to Redding with good feelings despite the weather.

Some of the upcoming news---

Victor Belenko, the Soviet pilot who flew the MIG 25 to the west a few years ago is expected to visit our plant this month. He may bring with him someone who needs no introduction to American Aviation or any American for that matter. General Chuck Yeager. Gen. Yeager and Bud Anderson, as well as Victor Belenko will be welcome guests indeed.

Just a reminder to all of our interested buyers/builders and potential Prowler customers. We have some address and telephone number changes. The United States Postal Service in its infinite wisdom has chosen to **add "Suite 500"** to our address. No, we have not moved, just had an additional number added. We also have changed our telephone format for everyone. We are now able to service your calls at a faster rate than you have had in the past. We have the capacity to roll your call to the next line. You will be able to contact the production department or anyone in the plant at a very rapid pace. Our new roll-over system has already saved us a large amount of time.

When you call our number **(916) 365 4524** you will get through

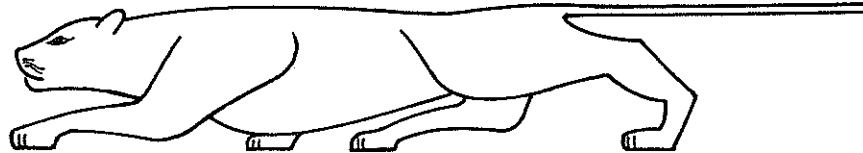
Our builders have a special hot line number for quick service.

Our **new FAX** number is **(916) 365 4570**

Until next time--

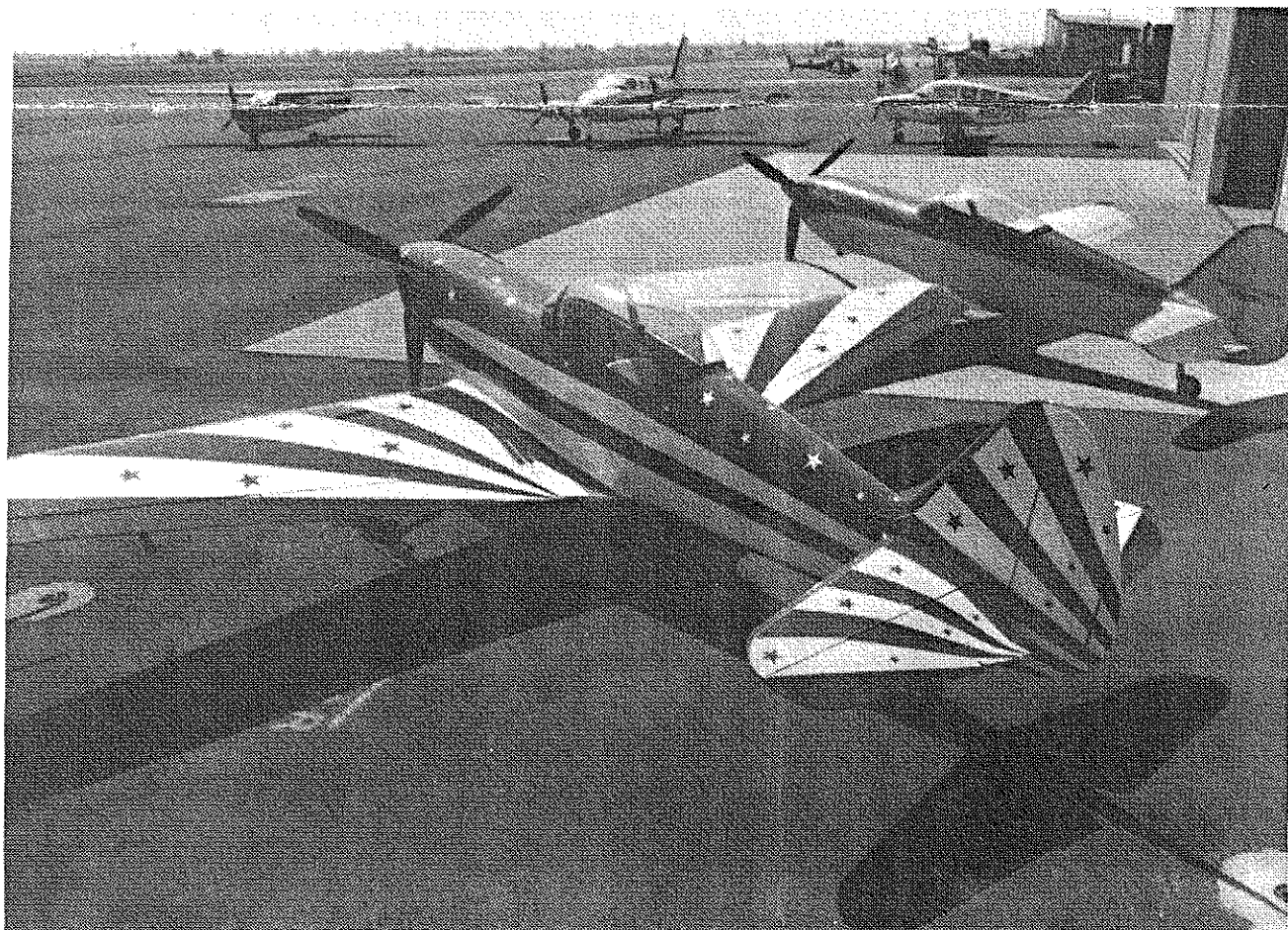
Don Moelk
General Manager

PROWLER AVIATION, INC.



We thought you would like to see the original *Prowler* and the *Jaguar* in a side by side comparison photo. This was taken in October. Follow the outline carefully and you can see the only noticable difference between the two is the canopy.

Actually there are a number of changes we have incorporated into your new *Jaguar*. The cockpit has more room. The Fuselage has a little wider curve due to the cockpit enlargement. The canopy has the most noticable change, and is due to the taller pilots of the post WW II era. The cowling is a bit wider in order to fit the 350 V-8 engine; and also blends perfectly into the slightly wider fuselage curve. The spinner is not quite as pointed. The 350 hp engine is of course, the key development made to the aircraft. We have made many other small changes that we will not take the time to list here. Our policy has always been, that what-ever changes we make in the aircraft, we will always incorporate those into the current manufacturing process.



From the PRODUCTION DEPARTMENT

As always, we are hard at work here in the shop producing the quality parts needed for our customers and future builders.

For whatever reason, we did not mention in our last letter our newest employee, Dave Jungkelt. Dave came to us just before Christmas and I would like to say that he has become a real asset to us. Dave is now the Shop Foreman and can handle most of the questions you may have regarding production. So, if I am out on an errand you can now get the information needed from Dave. His past record is quite impressive and would fill a few pages of anyones resume. So, all of our present and future customers, take note; that we are continuing to do our best to provide you with Quality Craftmanship by selecting outstanding personnel. Welcome aboard Dave !!

Since our last letter in January, Fuselage Production has just about been completed. We are now in full swing on the Landing Gear Kits (now finished wing, or kit #3). We are producing 15 kits at this time and it requires alot of set-up time. We are now spending many long hours standing at the mill (or lathe). As of this date, the Gear Knees and Caps are bored, rough cut and awaiting final shaping. The Upper Gear legs have been Hard Anodized and the Lower Legs just came back from the Chrome Shop looking great. The Lower Axle Yoke is rough cut and awaiting final shaping. So, as you can see, there has not been too many idle hours in my department.

So that you will know how we are doing on manufacturing of the Gear; there is still machining to do on the Over Gear Locks and Brackets, Scissors, Up-Lock Brackets, Sequence Valves, Hydraulic Cylinders and Leg Caps. It looks like George and I will be spending a lot of time together in the machine shop this spring.

George is also hard at work building 3 engines. This coupled with his machining chores on the landing gear and flying the *Jaguar* in the mornings really keep him busy.

While I am writing this to you; George and Dave are in the process of making a plaster cast of the *Jaguar* Engine Cowling. We will use this in the very near future to fabricate permanent tooling for Hydro-pressing the finished and ready to install Cowling parts. It looks like I will now have to add an (RN) rating to their record files.

Ray Seim was at our plant the other day and picked up his Fuselage Kit. We had the opportunity to visit with Ray and want to thank him for his support and efforts in assisting us with all of the little questions that come up from time to time. By the way, George visited Ray's workshop last month and commented to us on the very high quality level of workmanship that Ray was putting into his Airplane Assembly. I believe George said that "he is a real Craftsman". Congratulations Ray !!

On a final note, we had the Propeller custom painted by American Propeller Corp. here in Redding. We received it back in-house yesterday. The paint scheme matches the fuselage Blue, with Red and White Stars and really looks impressive. I want to add that American Propeller is coming out with a line of Designer Prop. Schemes and will be more than happy to accomodate anyones wishes in that regard. This Program will really add some 'flare' to a personalized paint scheme.

Time to close; the lathe awaits and in looking at my schedule, the Tailwheel Struts are next in line. As always, I look forward to your calls and am looking forward to some new faces and builders in the very near future.

Keep the shop lights burning

Don Mellor
Production Manager

*** ATTENTION NEWSLETTER SUBSCRIBERS ***

Is it time for you to renew your NEWSLETTER Subscription ?

You will need to renew your subscription now if you have received 4 issues, including this issue.

The GROWLER is issued quarterly and contains news and building tips from the inside sources of PROWLER AVIATION. If you know of anyone within our industry that may be interested, you may make a copy of this notice and send it to them. If you are a current builder, then the newsletter is complimentary to you.

KEEP UP WITH THE LEADING EDGE OF PROWLER PRODUCTS,

ORDER YOUR NEWSLETTER TODAY ! !

PLEASE MAKE CHECKS/MONEY ORDERS PAYABLE TO: PROWLER AVIATION, INC.
(No facilities for Charge Cards)

THANK YOU FOR YOUR RESPONSE

BARBARA PHILLIPS
OFFICE MANAGER

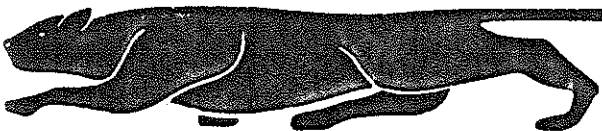
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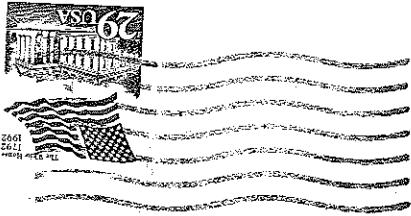
Enclosed is my check/money order for \$8.00 US (\$10.00 Int'l.). I understand I will receive four (4) issues, approximately quarterly. Please print legibly the following;

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ADDRESS: _____ AMT. ENCLOSED: _____

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Ronald F. Chamblin
4551 Roosevelt Blvd.
Jacksonville, FL 32210



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Redding, CA 96002

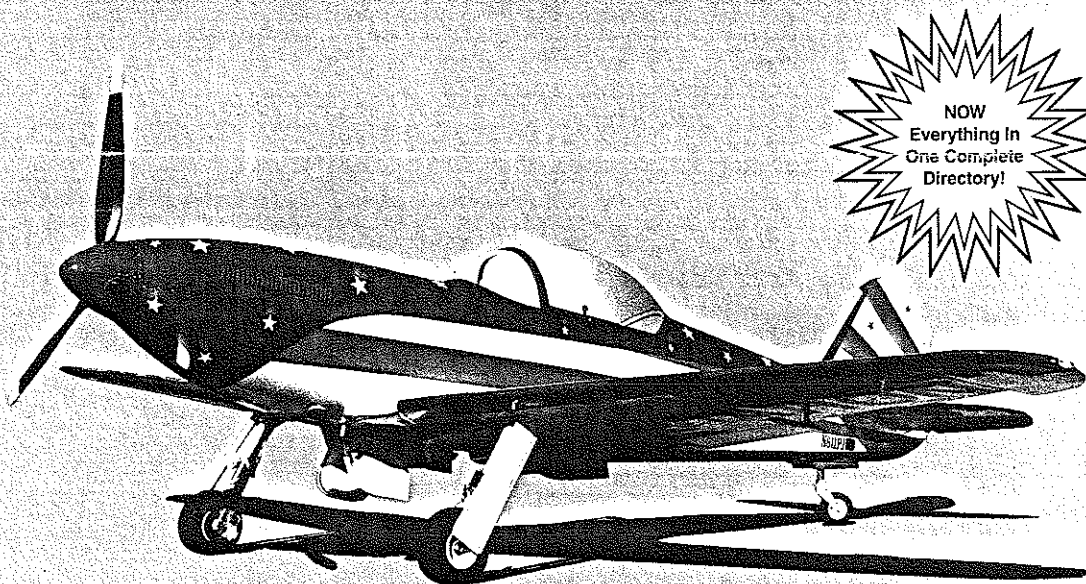
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JULY 1993

AEROCRAFTER™

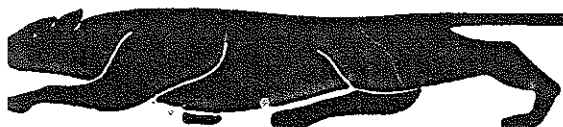
Homebuilt Aircraft Source Book



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Tools · Accessories · Publications · Services**

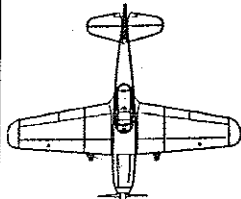
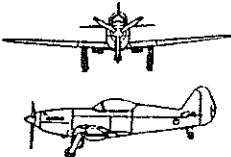
\$12.95 U.S. Funds




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GREETINGS, GROWLER SUBSCRIBERS

As I am writing this, I have just been handed the 1993 issue of the AEROCRAFTER Homebuilt Aircraft Source Book. This will, as you can see, be the lead page of this quarters GROWLER. This book is a new Directory Published by Don Purdy of BAI Industries in Benica, California. Don has been very kind to us and has chosen our airplane for his very first issue. We think our aircraft will give him a real 'Star Spangled' send off on the Publications Maiden Voyage. We have reviewed this book and find it to be very helpful indeed. We feel that it is a superior source for informational requirements concerning our industry. We are also including a copy of the specification page featuring the *Jaguar*, in order for you to see the well conceived and easy to read information. Thanks again Don.



Jaguar

Prowler Aviation, Inc.
3707 Meadow View Drive
Redding CA 96002
Phone: 916-365-4524

See Front Cover
& Page 10

Specifications						
Wing Span	Height	Length	Gr. Wt.	Empty Wt.	Payload	Seats
24.3 ft.	7.2 ft.	21.0 ft.	2500 lbs.	1650 lbs.	850 lbs.	2

Performance				
Vmax	Vcr	Vs	Climb Rate	Range
300 mph	250 mph	65 mph	2500 fpm	1200 sm

Engine / hp	Construction	Prefab Comp.	Build Time
Rodeck V8/350	Metal	Yes	N/A hrs.

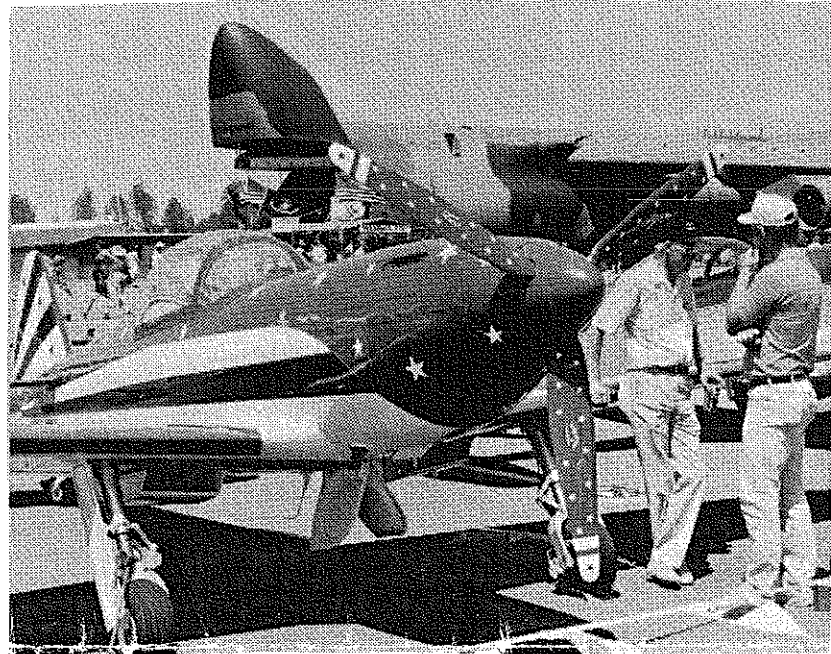
Plans	Kit	Info Packet	Video VHS	Video PAL
N/A	\$78,545.00	N/A	\$24.95	40.00

Sturdy taildragger resembling a classic warbird but smaller, lighter and less expensive to operate. Fully aerobatic.

It seems just like yesterday that I sat down and wrote the last issue of the Growler. We have had an exciting Spring and Summer. Here are some of the events we participated in

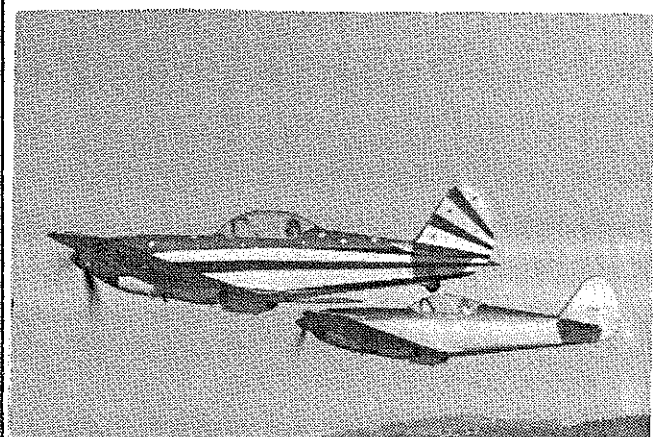
In mid May we started our Air Show involvement for 1993, with a local air show in Corning, California. We were able to fly the *Jaguar* directly to this show from our plant here in Redding. Although we were not able to fly the aircraft during the show, we were able to display both the *Prowler* and the *Jaguar*. Again we were afforded prime location space, directly in front of the main gate. We fielded the usual number of questions from tire kickers to very interested parties. For a small community such as this, the local sponsors really put on a great show. Congratulations to our friends in Corning.

May 22-23 we participated in the Redding Air Show. This is a highly rated show and has a well organized program. The local business clubs are deeply involved in this very smooth running, spectator oriented organization. We were unable to fly here since the show was a Demonstration and Military event. However, we again had a great location and our sales team was able to make many contacts with the flying public.



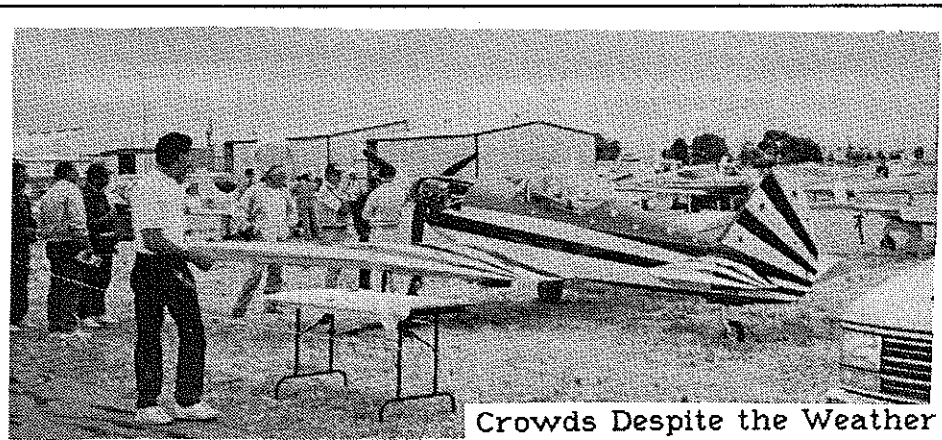
Redding Air Show.

One of the truly good things that came out of the Redding show was the involvement of Mr. Wayne Handly (of the *Raven* fame). Wayne was able to give the *Jaguar* the final "wring out". Wayne flew the *Jaguar* the day before the air show and was pleased with the very powerful response of the 350hp engine. One of the very favorable developments was when Wayne had not realized that he had passed the cruise speed of 250 mph, as there was so little wind noise. He was quite surprised that he was flying that fast. Wayne also said that he felt the steady pull of the 350 hp engine on climbing after a dive. He stated that the original *Prowler* seemed to slow up quite a bit in this sort of climb, but the 350 *Jaguar* just kept right on going. We knew that this would be a plus and we wanted to pass it along to you. We just can't wait to get this first round of kits in the air.



Still Photo From our new Video

June 4th we were at the Merced Antique Fly In. This California show was one that I personally found to be the most informative. Everyone who passed by the display was knowledgeable about the inner workings of all aircraft and most engines. I feel it was I who learned the most from the contacts



Crowds Despite the Weather

with these highly informed people. Tire kickers they were not, these pilots really knew their stuff. The weather in Merced was not necessarily accommodating, but we were able to fly and demonstrate the wonderful abilities of the Jaguar.

On June 19th and 20th we were in Ukiah, California for the two day air show. This was much different than the previous show. Hot, Hot weather was the main course. Barbara Phillips, Donna Logan and Kathleen Morse, bravely endured the 100 degree plus temperatures in the humid valley of Ukiah. Bob Logan and



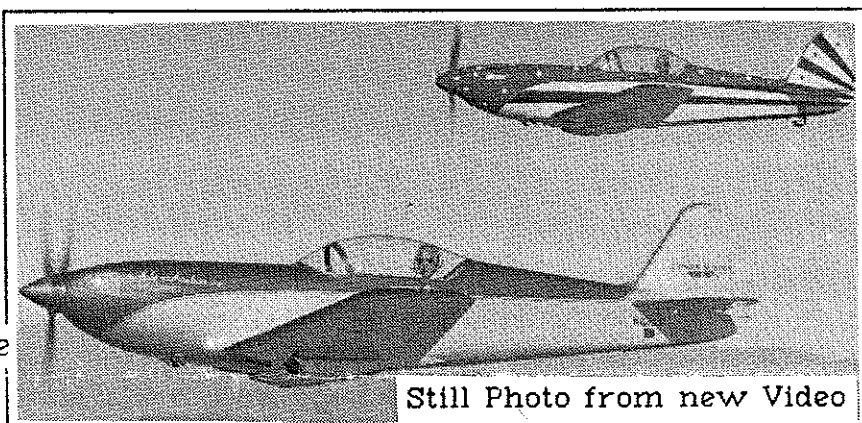
Prowler Aviation Preparing for Takeoff

George Morse flew the Prowler and the Jaguar side by side in formation for the very first time. We were able to show the aircraft performance abilities at this show. It was really neat to see them in formation fly-by. All of the Air Show participants were treated to seeing some of the WWII aces, who were also present in a special hanger. Many books were autographed and many stories shared. I can still see those older hands in the air describing position of the aircraft in dogfighting tactics.

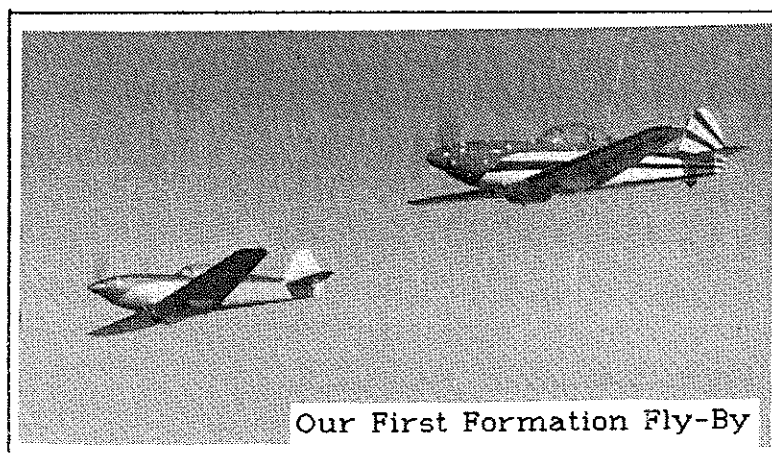
At the end of June and the beginning of July, Prowler crossed another threshold. As of this writing we are in the process of producing a Professional Video featuring our aircraft. We are telling the whole story, from point of manufacture to dropping the landing gear down for the final approach. the Jaguar is represented as never before in a video that will match up with anything our competitors have. Mr Roger Tonray of Brad Christian Films is utilizing his highly skilled touch in the filming and production. We have of course, seen most of the uncut video and are very, very impressed with the results. This should give us a marketing advantage that we have never had before. If you are wondering just how you can get

one of these quality videos to review and show your friends, just call Barbara and we will place you on the waiting list. Anyone who is a subscriber of the Growler Newsletter will receive a \$24.95 Video for the special price of \$15.00.

(tax free). We expect this 25 to 30 minute video to be ready no later than mid September. The new video will be sent free of charge to our current builder/buyers.



Still Photo from new Video



Our First Formation Fly-By

We also advertised in the 'Trade-a-Plane' Magazine for two major National and International shows. The first being the Worthington England Air Show and the second of course is the Oshkosh Air Show. We are receiving many responses regarding these ads and to our pleasant surprise, many of the inquiries are concerning a fully assembled aircraft. Since we have made many contingency plans regarding assembly, we currently have no problem in providing this service. So-- if you know of anyone who wants a fully assembled model---You know where to send them.

TILL NEXT TIME--DON MOELK

AS DON MOELK MENTIONED; SUMMER HAS ARRIVED IN REDDING AND ITS TIME FOR WATER SPORTS WITH ONLY ONE SMALL PROBLEM. THERE'S NO TIME TO GET OUT OF THE SHOP WITH SO MANY PEOPLE GETTING INVOLVED WITH PROWLER AIRCRAFT.

I JUST GOT OFF THE PHONE WITH ONE HAPPY BUILDER WHO INFORMED ME THAT HE HAS JUST FINISHED INSTALLING HIS TAIL WHEEL AND IS HALF DONE SKINING THE FUSELAGE SECTION. EVERY TIME I GET ONE OF THOSE KIND OF CALLS IT MAKES ALL THE HARD WORK SEEM LIKE IT WAS REALLY NOTHING AT ALL.

THE LAST TIME I WROTE TO YOU, I BELIEVE WE WERE HARD AT WORK ON THE FUSELAGE. I AM NOW AT WORK ON THE LANDING GEAR AND WILL BE FOR SOME TIME TO COME. AGAIN, WE HAVE DECIDED TO SIMPLIFY THINGS FOR OUR BUILDERS AND THIS MAY MEAN A LITTLE SETBACK ON TESTING AND TOOLING CHANGES. HOWEVER, IN THE LONG RUN, THIS WILL MEAN A BETTER PRODUCT, AND THIS IS WHAT WE ARE ALWAYS STRIVING FOR AT PROWLER.

DR. ROGERS WAS WELCOMED ABOARD IN OUR LAST GROWLER AND HAS SINCE BEEN HARD AT WORK ON HIS EMPENNAGE KIT. HE IS DOING US THE PROUD SERVICE OF TESTING OUR NEWLY WRITTEN ASSEMBLY INSTRUCTIONS AND SO FAR THINGS ARE GOING TOGETHER WELL FOR HIM. WE KNOW THAT WE ARE ON THE RIGHT TRACK AND OUR INSTRUCTIONS ARE BETTER THAN EVER. WE HOPE THOSE OF YOU WHO HAVE NOT COME ABOARD WILL DO SO QUICKLY.

WITH OSHKOSH JUST TWO WEEKS AWAY, EVERYONE AROUND HERE IS VERY BUSY PREPARING TO DEPART. DAVE AND I WILL HAVE SOME PEACE AND QUIET FOR A CHANGE. WE CAN REALLY GET SOME WORK DONE NOW ON THE PRODUCTION END OF IT.

WE FINISHED THE ENGINE COWLING MOLD AND OUR NEXT MOVE WILL BE IN THE DIRECTION OF CANOPY AND WINDSHIELD FRAMES, LINKAGE, LOCKS AND SO ON.

ONE EXCITING THING THAT HAS HAPPENED IS THE EXPECTATION OF BUILDING A 'COMPLETE' AIRCRAFT HERE IN REDDING. THIS WOULD GIVE OUR PRODUCTION DEPARTMENT THE ABILITY TO FINE TUNE OUR PRODUCTION METHODS AND MAKE BUILDER FRIENDLY MODIFICATIONS WHERE NECESSARY.

WELL, HAVE TO GO NOW. GOTTA FIX THE SANDER. ONE OF MY ASSIGNED DUTIES IS SHOP REPAIR.

UNTIL NEXT TIME: DON MELLOR, PRODUCTION MANAGER.

One of the things George just mentioned is that we failed to insert his trip to the Watsonville Antique Fly In and Air Show, in our Airshow Reviews. So here we go-- Just for you George.

GEORGE FLEW FAST FROM FRIENDLY FARMS; FORGETTING
FAMILY, FRIENDS FOR A FORTNIGHT. FORGING FOOLISHLY FORWARD
FOR FAROFF FRIEND. FORTHRIGHT FLYING FOUND FEARLESS FREDDIE;
FAR FORELORN FATHER FIGURE, FRANTICALLY FREQUENTING
FORBIDDEN FIELDS FOR FELLOWSHIP. FINALLY FINDING FAMOUS
FLYER FRIENDS FIELD. FANTASTIC !!!

WE WISHED WATSONVILLE WERE WELL WEMEMBERED--WHAT???

To those of you who are interested in the remainder of the
National Airshows we plan to attend during the remainder of the
Year, grab your pencils and paper, or just save this little sheet.

We will be at the following:

OSHKOSH : JULY 24 - AUGUST 4
RENO AIR RACES : SEPTEMBER 16 - 19

Other local air shows are

CASPER, WYOMING: JULY 24 - 25
CHICO, CALIFORNIA: SEPTEMBER 17
RIVERSIDE EAA MEETING: OCTOBER 10

HOPE TO SEE YOU THERE

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(No facilities for Charge Cards)

THANK YOU FOR YOUR RESPONSE

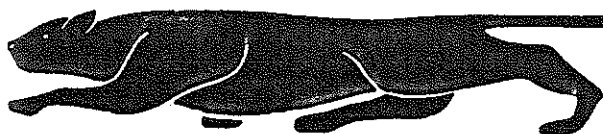
BARBARA PHILLIPS
OFFICE MANAGER

THE GROWLER

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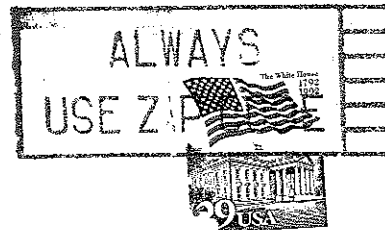
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ADDRESS: _____ AMT. ENCLOSED: _____



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4551 Roosevelt Blvd.
Jacksonville, FL 32210

