

**PROP****PLANE****WASH**

Vol. 194

August 1991

**OFFICERS OF THE S.T.A.R.S. CLUB**

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★★★★★★

**STARS MEMBERS**

STARS MEETING  
AUGUST 14, 1991

Time: 7pm Place: Town of Schroepel  
Office Program: FINAL PLANS FOR AIR  
SHOW!

CONGRATULATIONS TO NEWEST BATCH OF  
SOLO PILOTS!

Dan Ludwig  
Pete Seiffert

★★★★★★

THE PLANE PROP WASH IS THE OFFICIAL  
NEWSLETTER OF THE STARS CLUB; & AS  
SUCH, ALL PROCEEDS FROM ADVERTISE-  
MENTS, SUBSCRIPTIONS, ETC. GO TO  
FURTHER ENHANCE THE TREASURY OF THE  
STARS CLUB. THE PURPOSE OF THE PLANE  
PROP WASH IS TO KEEP THE MODELERS OF  
THE STARS CLUB & SUBSCRIBERS AWARE OF  
HAPPENINGS WHICH INFLUENCE OUR HOBBY.  
THERE IS NO INTENT TO SHOW FAVORITISM  
TOWARD ANY CLUB, HOBBY SHOP OR INDIV-  
IDUAL. WE HOPE YOU ENJOY OUR NEWS-  
LETTER.

★★★★★★

**Classifieds**

**FOR SALE:** New Sig Kadet MKII/new K&B  
40 & used Futaba Sch radio. All  
ready to go. Just fuel up &  
fly...\$295...firm. Call 455-1925 for  
Pete Daino.

SPACE IS AVAILABLE FOR INDIVIDUALS  
WISHING TO SELL OR TRADE IN EACH  
ISSUE OF THE NEWSLETTER FOR A NOMINAL  
FEE OF 50 CENTS PER AD. CONTACT  
MARGE SAUTER AT 2062 RABBIT LN,  
PHOENIX, NY 13135.

**PSST!**

OLD NEWS...OR OLDER THAN USUAL...Bill  
Orr & Wayne Howard fought for air-  
space with an Ultimate Biplane &  
Cub...Fast & sleek isn't always best  
though, as Wayne's Cub  
proved...landing without a scratch.

**Idle Chatter**

Mark O'Connell flew his 1st tail  
dragger airplane on 7-12-91...he  
wants to know, "what's the big deal?"

**congratulations**

PAT O'CONNELL'S NEW CHIPMUNK WAS  
FCF'D ON 7-13-91...BEAUTIFUL BUILDING  
JOB AND A GREAT FLYING AIRPLANE!

**Bits & Pieces**

JIM LEARY has been trying to prove  
that his airplanes are harder than  
trees...all experiments to date have  
been unsuccessful.

PREZ SEZ

How many of you are suffering from, "I wish I had time to build another  
airplane to fly" syndrome? I know I am. Either you run out of airplane inven-  
tory, or get totally bored flying what you have. It's summer, it's flying weat-  
her, and then you say, "what the heck am I doing inside building?!" Oh well,  
it'll be winter/building weather sooner than I'd like to think. So get out and  
fly something, anyway.

Our students are doing real well. So are our instructors. We've really had  
some success this season graduating students. We've also had very few other  
problems this year, thanks to our instructors. I know after flying 8 different  
planes in an evening, I feel like my flying abilities have improved a lot. So,  
if you want to improve your basic flying technique, come out and instruct. We  
could really use the help. I don't sit down from the time I get there until  
it gets dark. That's a lot of flying.

If, somehow you haven't noticed our beautiful new gate, NOTICE IT!! Bob  
Prugger really outdid himself this time. It really adds some class to our  
field. Bob, we really owe you one this time, so watch out!

Plans continue to unfold for our Airshow. Dave Sikorski and I went  
recruiting at the Skyrovers Airshow, and supported their cause as well. They  
did a fine job, we had a blast, and we got some neat people and planes on tap  
for our show. But, we still need any ideas you might have for the Show, so  
let me or Dave know. We'll talk more about this at the meeting.

John Everson has a new toy! He went out to the field and played with his  
new scissor bar attachment and cut down all our weeds. Looks great! We owe you  
some fuel money, Buddy, whether you like it or not!

Anyway, keep flying, keep the bottom side down, and any landing you can  
walk away from is a good one. See you all at the meeting.

Remember that new Chipmunk belonging  
to Pat O'Connell? - It doesn't like  
hard landings!

**Tell A Friend**

July 22nd was a rainy day...but what  
the heck! Hilary Nortz, Chris  
O'Connell, Dan Williams, & "someone  
else" were out to the STARS field  
trying out their soggy thumbs. Peter  
Seiffert thought that these guys were  
"four fools", but what does he  
know?...he was only "someone  
else"...but they all had fun...which  
is what this hobby is all about.

**would you believe...**

IS SHE A JINK? YOU BE THE JUDGE!  
Paul Finn brought his wife to the  
flying field for the second time. He  
had pressureized his .049 for a lit-  
tle extra umph in his Gentle Lady,  
and wanted to show her how great it  
flew. Well, Paul started it up,  
launched it, and watched it fly  
away...bye, bye! He had forgotten to  
turn on the receiver. Oops! The  
last time that Paul had brought his  
wife to the field, Barry Johnson's  
glider flew away....truth is  
stranger than fiction.

KEN PATRICK seems to be having  
trouble keeping his engine attached  
to his airplane...but a little work  
and it will be better than new.

ANY MODEL AIRPLANE CLUB WISHING TO  
ADVERTISE A FORTHCOMING CONTEST OR  
EVENT CAN ACQUIRE A FULL PAGE AD FOR  
THE TRIFLING FEE OF \$2. A NOTICE IN  
THE CALENDAR OF EVENTS IS OF COURSE  
FREE.

Minutes of 7-10-91 STARS meeting

14 members, 5 associate members, 2 Junior members, 2 guests present. Meeting was called to order by president, Dan Williams at 7:12 PM. Minutes of June meeting were approved. Treasurers report was given by Lon Sauter and approved. Due to an oversight, Red Hoellrich should have been announced at the last meeting as a full share member of the STARS. Hilary Nortz, having paid his full share dues, is now a full share member of the STARS replacing John Short who had submitted his resignation. Welcome new members! Presently the club has 50 regular, 13 associate members and 5 Junior members.

**Association Report:** Association picnic will be at Danville on August 18. A map to this location will be included in next Prop Wash. Site for next symposium is still being sought. Next Association meeting at STARS field at 8:00 PM on July 18.

**AMA Report:** No News.

**Field Report:** Bob Prugger reported posts for new gate donated by Peter Seiffert have been installed. Many thanks to Peter for this material. Bob asked for help to locate 1" to 1 1/2" pipe suitable for the gate.

**Flight School:** Dave Sikorski announced that 3 more students have soloed: Scott Deyo, Jim Mirra, Tim Hahn. Congratulations solo fliers!

**Safety Officer:** Art Rose reported no problems of great concern. Flyers are reminded to put name, phone number, AMA number on transmitters as many are being left at the field.

**Pylon Racing:** Dan Williams reminded all next race date is July 28. Flyers are invited to compete and/or help run events. Thanks to all who helped at last race session.

**Old Business:** Dan Williams brought up discussion on Bob Goldworthy's request for use of field for his ultralight. Dan reported that insurance would not be a problem. More information is being sought for later consideration. Dave Sikorski has asked a farmer about mowing heavy areas. Farmer was interested but needed some time for his own tasks before making a firm commitment. Dave stated he may be able to turn over some of the rough areas so that they may be easier to mow later. Michael Graham inquired about status of frequency board. Frequency pins are in and Bob Prugger offered to construct new board. Mike also asked about status of old tractor. Dan Williams reported no luck locating needed parts. Bob Prugger offered to look at broken mower deck to see if he could make possible repairs. Art Rose offered to run 50/50 raffle at club meetings since Jeff Ogden was not present at meeting. Mike Graham asked about removal of trash in barrels at field. Dan Williams will call Bob Weaver to arrange pick up of trash. Art Rose spoke in favor of club giving successful students some type of award. Skip Davis moved that 10 sets of AMA wings be purchase to be awarded to club members who successfully complete flight school. Motion was amended by Lon Sauter so that non members may buy AMA wings for \$6.50. Motion as amended was carried. Dave Sikorski will order 10 sets of AMA wings.

**New Business:** Dan Williams requested ideas for program for STARS air show. Dave Sikorski has plane raffle tickets and posters. Lon Sauter reported he is trying to secure a ready built "Sky Hawk" semi symmetrical with Enya 45 for the air show raffle. Lisle Snow, Mike Graham, James Hahn, Dan Williams, Lon Sauter volunteered to distribute STARS air show notices at Fulton air show. Skip Davis volunteered to assist Dan by contacting area clubs for participation in air show. Skip also volunteered to handle air show plane raffle. Application for junior membership of Stephen Defren was discussed and approved. Welcome Stephen!

**Show & Tell:** Jim Mirra displayed his Topflite Corsair.

Meeting was adjourned at 8:52 PM.

Robert Wassel

## Just Plane Fact

### MODES:

Someone at the field asked me to explain the difference between Mode I and Mode II and were then surprised to learn that there are four transmitter twin stick control configurations (or Modes).

The most common mode is Mode II, where the aileron and elevator controls are on the right stick with the rudder and throttle controls on the left stick. Some of us 'older' fliers use Mode I, where the aileron and throttle controls are on the right stick with the rudder and elevator controls on the left. Mode III is the reverse of Mode II and Mode IV (III) is the reverse of Mode I.

Runar has it that some left handed pilots have switched from Mode II to Mode III to improve their flying!! Mode III allows the ailerons and elevator to be controlled on the left stick with rudder and throttle to be controlled on the right stick...

Any stick configuration switch will involve a physical change to control stick springs and throttle detents. You will probably need a more 'positive' detent in Mode I/III to prevent the throttle position from changing while controlling the ailerons.

Uncle Michael



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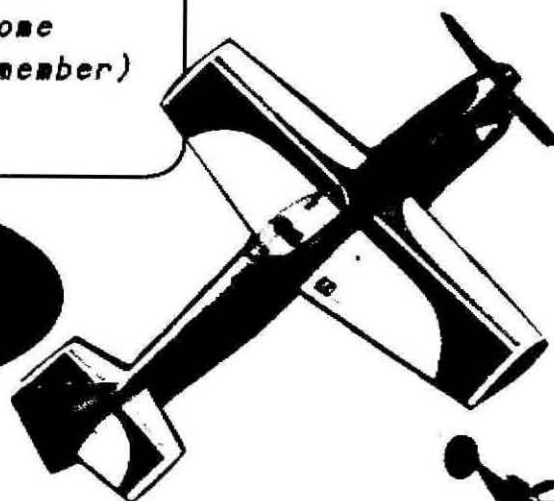
# THE MIDSTATE FUN FLY & PICNIC

Open to the public.  
EVERYONE is welcome  
to fly (if AMA member)  
or just watch.

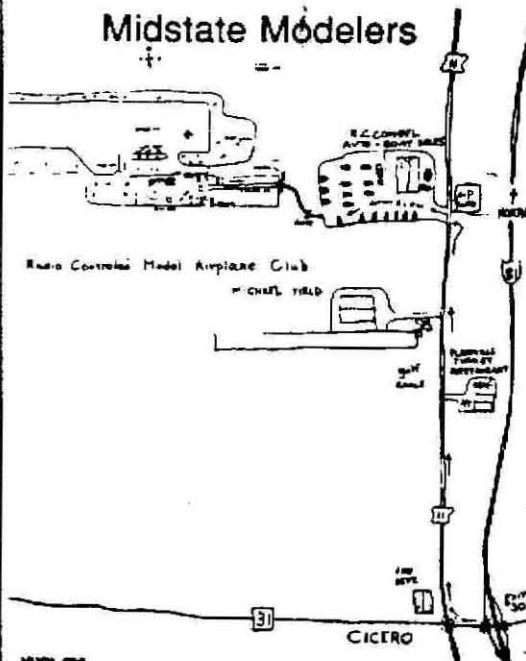
50/50  
Raffle !!

Open flying  
before and  
after  
fun flying  
events

Aug 11, 1991  
12:00 - 5:00  
Rain Date Aug 25



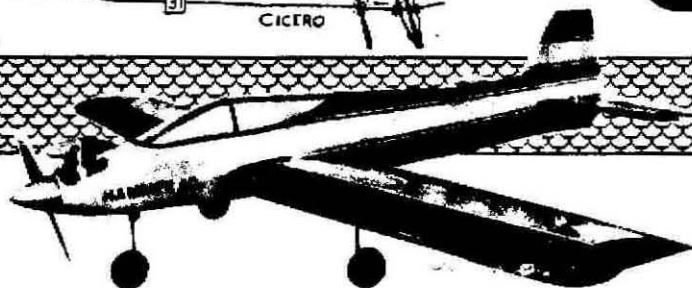
Midstate Modelers



Great FOOD

Will Be sold to help pay for  
field improvements.

For those interested  
in a little  
competition:  
There will be a \$2  
entree fee for prizes



# CENTRAL NEW YORK MODEL AIRCRAFT ASSOCIATION

The July 18, 1991 meeting was called to order by President Rick Snyder at 8:37 p.m. The Secretary read the minutes June 20th meeting and they were accepted. Treasurer Lon Sauter reported the following transactions; \$1850.00 was transferred for the purchase of the computer. \$500.00 was transferred from the savings account to the checking account \$10.00 recieved in dues , \$7.01 was paid out for checking account fees and we recieved \$34.41 interest leaving the following balances:

Checking	542.67
Savings	4709.11
Scholarship	1032.30

6284.08

## OLD BUSINESS

Rick Snyder reported the Masonic Temple will be catering the CNYMAA picnic. The cost will be \$400.00 for 120 people and that the menu will be the same as last year. The soda cooler is on schedule and should come in under budget.

Lon Sauter reported on the subject of having the symposium at the Armory by saying " no news is good news ". Bob Rowe is Lons contact and was having a meeting with the decision makers for the Armory seemed to think we would have no problems.

Rick Snyder, after speaking to Jim Abrams at our last meeting, informed us of an alternate site for the Symposium. There is a large ice hockey rink in Pulaski with ample parking space, flight area and that the chamber of commerce would be willing to take care of the publicity. This facility would be available for a date in March or April.

John Kinnan reported that the application for charter has been sent however we have not recieved any paperwork back.

Walt Blauvelt inquired about a loan repayment from Midstate Modelers . Lon Sauter replied that the debt had been repaid

Phil Morgan recommended Tri County Mall and the Fulton War Memorial as alternate sites for the Symposium.

The meeting was adjourned at 9:00 P.M.

Respectfully Submitted

*John J Kinnan*

John J Kinnan, Secretary  
CNYMAA

The next meeting will be at 7:00 p.m. on August 18, 1991 at the Fly-By's Field, Dansville, N.Y. (map enclosed)

## UPCOMING EVENTS

CNYMAA Picnic- August 18, 1991 at the Fly-By's Field Dansville, New York.

Breakaways Auction- November 23, 1991 at 6:00 p.m.

## ANNUAL PICNIC

AUGUST 18, 1991

The Fly-By's RC Club is looking forward to having the members of the Central New York Model Aircraft Association on August 18th for the annual picnic and Association meeting. All clubs who are members of the CNYMAA and their families are invited.

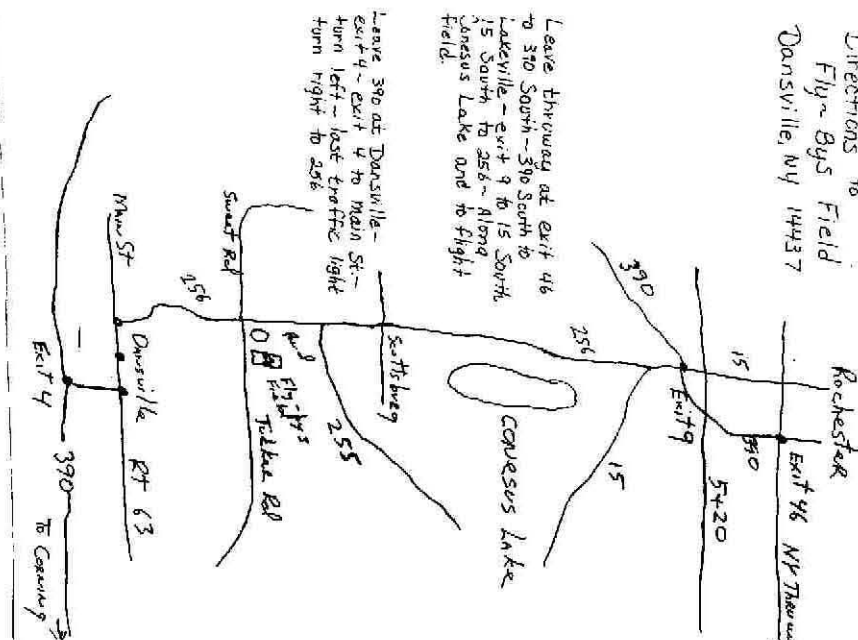
The meal will start at 2:00 p.m. with flying before and after.

Transportation will be available for anyone who will be flying into the Dansville Airport. You may call Pat Gridley, Secretary of the Fly-By's at 716-335-8693.

There is plenty of space available at the Fly-By's field to camp if you wish. There is no electric or water hookups but a restroom is available. So, bring your camper, pop-up, tent, whatever. ... and stay all night if you'd like.

A map is enclosed to the flight field. Again, if you have any trouble find the flight field call Melvin or Patricia Gridley at 716-335-8693.

We're looking for a great turnout, so everyone please come!!







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tues-fri 6:30pm - 8pm  
saturday 9am - 5pm



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#### CALENDAR OF UPCOMING EVENT

August 11 - Midstate Fun Fly  
August 11 - Electric P-30 Contest at  
Fayette, Ny Contact Tim Smarzo (315)  
673-1278  
August 14 - STARS meeting  
August 16-18 - Geneseo Air Show  
August 17 & 18 - Massena Fun Fly  
August 18 - CNYMAA Picnic at  
Dansville Club field, CNYMAA meeting  
August 18 - Oneida Lake Flyers Air  
Show...E of Constantia on Rt 49

August 18 - Limerick Fun Fly for Fun  
Food & crafts avail

August 24 - Fly-bys Family Fly-In  
Picnic, Dansville, NY

August 25 - STARS Pylon Racing

September 1 - STARS Annual Air Show

September 7-8 - Rhinebeck Jamboree

September 14-15 - AGS Annual Float  
Fly

November 23 - Breakaways Auction

FLASH-- Last Wednesday, with the assistance of Launch director, Scott Deyo, Flight controller, Bob Wassel, & Video director, Bob Prugger, VROOM HILDA swooshed the skies over the STARS field in a successful SWOSH. HILDA informed the group that if her broom (I mean VROOM) didn't burn out she would SWOSH the skies at the STARS air show in September.

IF YOU ARE NOT A MEMBER OF THE STARS & WOULD LIKE TO HAVE THE PLANE PROP WASH MAILED TO YOU, YOU MAY PURCHASE A SUBSCRIPTION FOR THE FEE OF \$4 PER YEAR. PLEASE SEND REMITTANCE, ALONG WITH YOUR NAME & ADDRESS, TO MARGE SAUTER, 2062 RABBIT LANE, PHOENIX, NY 13135. YOUR SUBSCRIPTION WILL BEGIN WITH THE 1ST ISSUE PUBLISHED AFTER PAYMENT IS RECEIVED. CHECKS SHOULD BE MADE OUT TO MARGARET L. SAUTER.

### EXTRA!

Rumor has it that Peter Seifferts solo flight went well except for his retracts failing....wait a minute! He doesn't have retracts!

### GOOD NEWS!

New modeler BOB DUFFY's Avistar 40 was test flown 8-6-91...much to his delight the plane flew terrific. Watch out for this guys thumbs!

THROUGH RAIN, SNOW, SLEET OR HAIL, THE MAILMAN GOES ON HIS APPOINTED ROUNDS; BUT HE CAN'T DELIVER IF THE ADDRESS IS WRONG. IF YOU MOVE, PLEASE ADVISE US OF YOUR NEW ADDRESS.

LOOKING TO MAKE A NAME FOR YOURSELF?  
WHY NOT CONTRIBUTE AN ARTICLE FOR THE  
PROPWASH...SHARE YOUR EXPERIENCES,  
GOSSIP, ETC.

## Center Stage

Dave Sikorski's scratch built Turn-Cat took to the skies for its maiden voyage 8-6-91....pattern here we come?

NICE TO SEE LON SAUTER AT THE STARS TRAINING SESSIONS...OR WAS IT? A LITTLE BIRDY TOLD US THAT THERE WERE A FEW MINOR MISHAPS THAT NIGHT....TALK ABOUT A JINX!



## Alternatives to High Nitro Fuels:

# How You Can Continue Enjoying the Best Performance from Your Gas-Powered Models

A guide for hobbyists during the nitro shortage, from

**O.S. ENGINES®**



Distributed exclusively in the United States by



You're probably aware that model engine fuels having a high percentage of nitro are currently in short supply. The cause: an explosion at one of the world's largest nitromethane suppliers.

The shortage shouldn't limit your modeling activities and enjoyment—provided you know what alternatives are available to keep your gas-powered planes, cars, helicopters, and boats operating at their best.

Below you'll find some helpful advice and important cautions compiled by Great Planes and the world's leading engine manufacturers: O.S., SuperTigre, and Irvine. Together, we're committed to keeping the gas-powered R/C hobby as exciting as ever.

### Q: How will the nitromethane shortage affect the variety of model engine fuels that I can buy?

A: It appears that supplies of 5% nitro and FAI (no-nitro) will remain good. It's likely that you'll find the quantities of fuel with 10% or greater nitro content much more limited.

That should not have a serious impact on your modeling activities, however.

The preference for high nitro content is uniquely American. Modelers throughout Europe have been using FAI, no-nitro fuel for many years. The average nitro content of the most popular model engine fuels in England is only 5%. Though idle and pickup are slightly better with 10% nitro fuel, the overall performance will not be greatly affected.

### Q: What effects on engine operation will I see when I switch to FAI or 5% nitro fuel?

A: Acceleration from low to high RPM will not be as strong as you may be used to. You'll also find that you will need to increase the idle RPMs slightly, particularly with your 4-cycle engines.

Expect a small decrease in top RPM and total horsepower output. The difference will be more noticeable with 2-cycle than 4-cycle engines.

### Q: Can I run my engine lean to compensate for the RPM drop?

A: Do not over-lean your engine to increase the RPM.

You can "lean out" your engine—cut back on the fuel flow to increase the air/fuel mixture—in the usual manner to bring up the RPM. But if you're tempted to give the engine that "one little tweak more" as you go for the highest RPM, you may reduce the lubrication too much. This means a greater risk of overheating your engine and causing serious damage.

The percentage of lubricant is an important factor in the fuel you buy. Most experts recommend using fuel with an 18% to 22% amount of lubricant.

Castor oil has proven to be the best lubricant, but synthetics in adequate quantities work well also. Some fuel manufacturers claim to have discovered a high-tech solution to fuel lubrication which allows them to use a smaller percentage of lubricant. But our experience has been that such claims lead only to an increase in engine problems.

You should note that across the board, model engine warranties do not cover damage from overheating caused by over-lean operation and/or use of a fuel with too little oil.

Stick with what works. When you use low-nitro or FAI fuel, run your engine in the normal manner, and expect a lower top-end RPM and higher idle RPM. Don't over-lean.

### Q. What can I do to get the best performance with low-nitro fuel?

A. Some engines are already designed to deliver effective performance using low-nitro model fuel. O.S., SuperTigre, and Irvine, all distributed throughout the U.S. by Great Planes, are manufactured in Japan and Europe (where nitromethane is not domestically produced). They're intended for hobbyists worldwide—many of whom use only FAI fuel.

If you're in the market for a new engine for your kit, we also suggest you choose a size toward the top end of the recommended range if you will be using low or no-nitro fuels.

Racers who have traditionally used fuels with very high nitro content—up to 30% or more—may need to switch to special heads or remove the head shims to help compensate for reduced performance.

Consult the operating instructions that were included with your engine for further advice.

Even while the supply of high-nitro fuel may be limited, there's no reason for you to limit your enjoyment of the hobby. Use FAI and low-nitro fuels, and keep the action alive!

## Three Manufacturers Design Their Engines Specifically for Low- And No-Nitro Fuels.

O.S., Irvine, and SuperTigre design their model engines to be run on the low-nitro and FAI fuels used by most hobbyists worldwide. In the U.S., these same engines have proven their power with higher nitro blends. But as you switch to low- and no-nitro, you'll remain happy with their reliable performance. All three manufacturers include 2-year limited warranty protection with most engines.\*

### O.S. ENGINES®

O.S. represents the highest quality available in model power. O.S. engines are reliable, durable, and deliver superior output—they're one of the best investments you can make toward your enjoyment of your model.

Choose from a huge variety of the most popular airplane, helicopter, car, and marine engines in the world.



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Since beginning model engine production in 1946, SuperTigre has been responsible for many major innovations—such as introducing ABC piston/sleeve construction. They continue to find ways to bring you more power without unnecessary weight in all their popular helicopter and aircraft engines.



**For the best performance in all applications, under all conditions, all over the world, O.S., Irvine, and SuperTigre lead the way.**