

PROP PLANE WASH



VOL. 82

APRIL 1982

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

PRESIDENT - GARY ECKERT
 VICE-PRESIDENT - GARY BROWN
 SECRETARY - RAY PAYNE
 TREASURER - STAN STANISZEWSKI

THE PLANE PROP WASH IS THE OFFICIAL NEWSLETTER OF THE STARS CLUB; & AS SUCH, ALL PROCEEDS FROM ADVERTISEMENTS, 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, THE CENTRAL NY AREA & SUBSCRIBERS AWARE OF ALL THE HAPPENINGS WHICH INFLUENCE OUR HOBBY. THERE IS NO INTENT TO SHOW FAVORITISM TOWARD ANY CLUB, HOBBY SHOP OR INDIVIDUAL. WE HOPE YOU ENJOY OUR NEWSLETTER.

STARS MEMBERS

STARS MEETING
APRIL 17, 1982

TIME: 7:30PM TO 8PM SITE: NORTHMINSTER PRESBYTERIAN CHURCH, BUCKLEY RD, N SYRACUSE
 PROGRAM: VOTE ON NEW SHED



ALSO:

SYRACUSE THUNDERBIRDS AERO RADIO SOCIETY, INC.

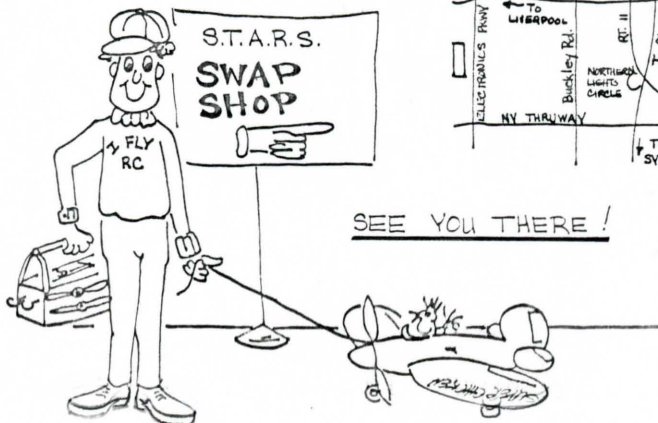
HOST THEIR 10th Annual Model Airplane SWAP SHOP

date: APRIL 17, 1982

time: 8 pm

place: Northminster Presbyterian Church

refreshments: coffee and donuts



All buying and selling will be responsibility of parties involved; there will be plenty of good ole swapping! Everyone Welcome!



WANTED

DOES ANYONE OUT THERE HAVE A SERVICEABLE TYPEWRITER COLLECTING DUST IN SOME CLOSET THAT THEY WOULD CONSIDER DONATING TO THE STARS CLUB SECRETARY? I HAVE A PERMANENT NEED FOR 1. I'M SURE IT WOULD MAKE MARGE SAUTER'S JOB MUCH EASIER (MY HANDWRITING LEAVES MUCH TO BE DESIRED). ON TOP OF WHICH, MY CORRESPONDENCE WITH AMA WOULD CERTAINLY LOOK MORE PROFESSIONAL. HOW ABOUT IT? DO YOU HAVE A TYPEWRITER COLLECTING DUST? PLEASE BRING IT TO THE NEXT MEETING, & THANKS. RAY PAYNE

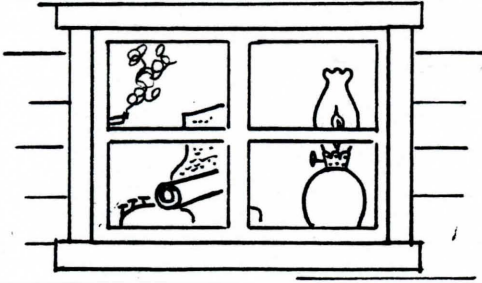
WILL WATERS IS BACK FROM HAWAII & READY TO GO ...HE'LL BE BURNING UP THE SKYS THIS SUMMER.

CONGRATULATIONS TO GARY ECKERT ON GETTING HIS 4-8 WALTER WINDCHILL AWARD (FLYING ONCE EACH MONTH FOR 48 CONSECUTIVE MONTHS).

JIM SAIFF'S NEW PURPLE, RED, ORANGE, YELLOW & BLACK KAOS 60 SHOWED UP AT THE LAST MEETING MARCH 20TH. UNFORTUNATELY A FENCE ATTACKED THE TAXIING KAOS ON THE 22ND. THOSE FENCES ARE VICIOUS.

ANOTHER SWIZZLE STICK IS BEING BUILT IN THE AREA - BY ROD SAVILLIA.

MURRAY MIRON'S ORANGE KADET HAD A NASTY ACCIDENT ON THE ICE, BUT THE KADET WILL SURVIVE WITH SOME HELP FROM DR. MURRAY'S BIONIC BUILDING SKILLS. SOME OF THE OLD KADET WILL BE SEEN FLYING WITH NEW PARTS. IN THE MEANTIME, MURRAY WILL BE FLYING HIS OTHER KADET - THE ONE HE BUILT ALL BY HIMSELF.



THE MARCH 20 MEETING OF THE STARS WAS CALLED TO ORDER AT 8:20PM BY PRES. GARY ECKERT AT THE NORTHMINSTER PRESBYTERIAN CHURCH. ROLL CALL SHOWED 29 SR. & 2 JR. MEMBERS PRESENT. THE MINUTES OF THE FEBRUARY MEETING WERE READ & ACCEPTED AS WAS THE TREASURERS REPORT. THE ASSOCIATION REPORT WAS GIVEN BY AL MORTENSEN. THE CNYMAA HAS REQUESTED ANYONE THAT MAY HAVE SUGGESTIONS TO MAKE OUR SYMPOSIUM A BETTER EVENT, SEND A LETTER TO THEM - WE CAN DO THIS THROUGH AL MORTENSEN. A DISCUSSION ENSUED ABOUT THE CNYMAA DONATING \$200 TO A CANDIDATE FOR DIST. 2 AMA VICE-PRESIDENT. THE MAIN QUESTION BEING "DID THE ASSOCIATION VIOLATE THEIR RULES (BY-LAWS) BY MAKING SUCH A POLITICAL DONATION. A MOTION WAS MADE & SECONDED THAT WE TAKE A VOTE FOR SUPPORTING THIS ACTION OF THE CNYMAA. THE OUTCOME OF THIS VOTE WAS 21 AGAINST THE CNYMAA DONATION TO 2 FOR. NO RACING COMMITTEE REPORT YET. PREPARATIONS FOR THIS YEARS FUN FLY ARE UNDERWAY WITH SEVERAL NEW ATTRACTIONS ADDED. OUR LAWN MOWER ENGINE IS READY TO BE INSTALLED. THE SNOW FLY WAS A GREAT SUCCESS WITH 20 PLANES & MANY OF THE STARS FRIENDS FROM CANADA & PENNSYLVANIA. EVERYTHING IS IN READINESS FOR THE SPRING BANQUET WITH 25 TO 30 PEOPLE SO FAR HAVING BOUGHT THEIR TICKETS. NEW BUSINESS: A MOTION WAS MADE BY RAY PAYNE, 2ND BY CAROL ECKERT TO VOTE IN THE NEW CLUB RULES AS PUBLISHED IN THE MARCH PROP WASH - MOTION CARRIED. A MOTION WAS MADE BY JIM SAIFF, 2ND BY JOHN SADLER THAT WE HAVE A FAMILY OUTING (BREAKFAST) IN CELEBRATION OF OUR PRUCHASING THE FIELD. UNANIMOUS. THE ORGANIZING COMMITTEE FOR THE OUTING WILL BE CAROL ECKERT, MARGE SAUTER & SOPHIE STANISZEWSKI. A MOTION WAS MADE TO HAVE THE CLUB PAY FOR THE BREAKFAST. GARY ECKERT WAS AWARDED THE 48 WALTER WINDCHILL AWARD FOR 48 CONSECUTIVE MONTHS OF FLYING - CONGRATULATIONS GARY! A SET OF PLANS FOR OUR NEW SHED/OUTHOUSE WAS SUBMITTED BY GEORGE BEERS, ALONG WITH AN ESTIMATE OF \$791 FOR MATERIALS (EXCLUSIVE OF PAINT). LON SAUTER MADE A MOTION, SECONDED BY HEINZ LORCH THAT A VOTE BE TAKEN AT THE APRIL MEETING TO ACCEPT THESE PLANS & THE ESTIMATE GIVEN BY GEORGE BEERS. 2 PLANES WERE BROUGHT IN FOR OUR WINTER PROJECT

CONTESTS, 1 BY HEINZ LORCH & ANOTHER BY JIM SAIFF. THIS MONTHS PRIZES WENT TO HEINZ LORCH, WHO WON BY A VERY CLOSE VOTE - WOULD YOU BELIEVE BY 1 VOTE! THE MEETING WAS ADJOURNED AT 9:45PM. COFFEE & DONUTS WERE SERVED.
RAY PAYNE

EVEN THE CANADIANS HAVE NOISE PROBLEMS. BELOW IS A CHART OF SOME COMMON SOUNDS & THEIR DECIBEL RATING TAKEN FROM "CROSS WINDS" NEWS-LETTER FROM WESTPORT, ONTARIO.

DECIBELS OF SOME COMMON SOUNDS

Decibels (dB)	
0-1	Softest sound the ear can hear
10	Breathing
30	A whisper
55-60	Window air conditioner
60-85	Dishwasher
65	Office with nine typewriters
70	Moderate traffic
60-85	Vacuum cleaner
60-80	Hair dryer
80-100	Power mower
90	Heavy truck
60-95	Blender
103	Jet plane one thousand feet overhead
110-120	Music in a disco
120	Thunderclap
120-130	Jet plane at takeoff
130	Sound that causes pain
140	Firecracker
150	Artillery fire
175-180	Space rocket blast-off

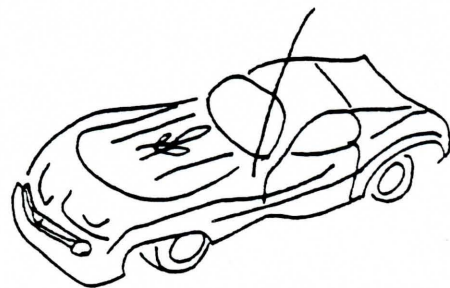
Noise tolerance for International competition
FAI standard is 80 dB at 7 m. (22 ft.)

ONCE AGAIN THE OVM/STARS SPRING BANQUET TOOK PLACE AT THE 1ST LOG CABIN RESTAURANT IN PHOENIX, NY. THE GROUP WAS CONGENIAL, THE FOOD WAS PLENTIFUL, & WE ALL PARTICIPATED IN GAMES THAT SHOWED HOW INEPT WE ALL ARE. BUT WE WERE ALL GREAT AT STEALING EACH OTHERS PRIZES. MANY THANKS GO TO THE ECKERTS & STANISZEWSKIS FOR THE PRIZES THEY MADE & THE GAMES THEY ORGANIZED. IT WAS A GREAT EVENING - EVEN IF IT DID SNOW.

NOTE: THE WATERTOWN CLUB HAS MONTHLY FUN FLYS OPEN TO EVERYONE. THEY ARE FOR SELF ENJOYMENT - NO PRIZES OR AWARDS, BUT EVERYONE IS INVITED.

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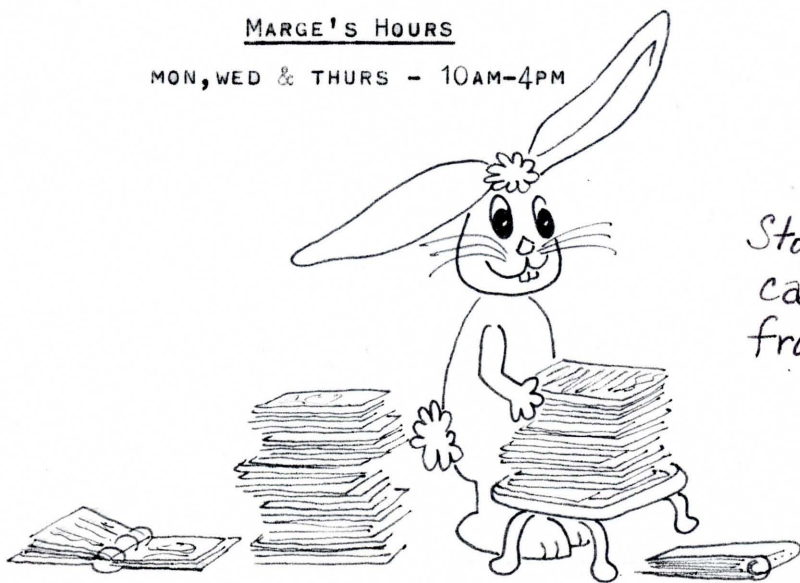
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MARGE'S HOURS

MON, WED & THURS - 10AM-4PM

LON'S HOURS

MON, WED, THURS - 6:30PM-9PM
SATURDAY - 8:30AM-5PM



Stop in the shop - we have a catalogue of flyers and information from Toledo.

Now's the time to start thinking about R/C flying lessons!

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(SIG KADET, HB 40, OMEGA RADIO
WITH EXPONENTIAL)

SUGGESTIONS FOR THE CNYMAA

THE STARS CLUB WAS ADVISED BY OUR DELEGATES AT THE LAST MEETING THAT THE ASSOCIATION WAS LOOKING FOR SUGGESTIONS OF METHODS TO SUPPORT ITS MEMBER CLUBS & THEIR ACTIVITIES. WE WOULD LIKE TO OFFER THE FOLLOWING LIST OF ITEMS THAT WE THINK WOULD POSITIVELY IMPACT THE HOBBY IN OUR AREA. #1 SET UP A PROCEEDURE TO OFFER FINANCIAL ASSISTANCE TO MEMBER CLUBS EXPERIENCING HARDSHIP. THIS ASSISTANCE WOULD BE IN THE FORM OF LOW OR NO INTEREST LOANS TO BE PAID BACK WITHIN A 1 TO 2 YEAR TIME FRAME. #2 PURCHASE & MAINTAIN A PA SYSTEM OR OTHER EQUIPMENT FOR MEMBER CLUBS TO USE UNDER THE SAME PROGRAM CURRENTLY IN EFFECT FOR THE OTHER ASSOCIATION EQUIPMENT. #3 APPOINT A COMMITTEE OF DELEGATES &/OR AREA CLUB MEMBERS TO ASSIST CLUBS IN DEALING WITH LOCAL OFFICIALS CONCERNING NOISE PROBLEMS, FIELD USE PERMITS, FIELD PURCHASES, ETC. #4 APPOINT A COMMITTEE OF DELEGATES &/OR AREA CLUB MEMBERS TO ASSIST CLUBS IN OBTAINING FLYING SITES & COORDINATE WITH COMMITTEE OF #3. #5 ESTABLISH A CONSULTANT, NON-VOTING POSITION FOR THE AMA AVP REPRESENTING OUR AREA. THE ASSOCIATION WOULD REQUEST A FORMAL REPORT AT EACH MEETING BY THE AVP, OR HIS REPRESENTATIVE, IN AN EFFORT TO KEEP ALL CLUBS OFFICIALLY INFORMED OF AMA ACTIVITIES. #6 CONSIDER CHANGING THE SYMPOSIUM FORMAT TO THE FOLLOWING: A. REQUEST MANUFACTURERS TO EXHIBIT, AT NO CHARGE, ITEMS MARKETED IN THE LAST 12 MONTHS. B. CHANGE DATE TO OTHER TIME OF THE YEAR - MAY? C. EXPAND # OF SPEAKERS & INCLUDE TALKS ON AIRCRAFT CONSTRUCTION, RADIO INSTALLATION, & TRIMMING BEGINNER & SPORT AIRCRAFT, ETC. USE LOCAL PEOPLE. D. STATIC DISPLAY WITH SPECIFIC RULES PUBLISHED WELL IN ADVANCE OF THE SYMPOSIUM. E. PATTERN THE SYMPOSIUM TO PRIMARILY ATTRACT MODELERS INSTEAD OF THE GENERAL PUBLIC. WE'RE CERTAIN THAT YOUR CLUB ALSO HAS IDEAS OF WHAT YOU WANT THE ASSOCIATION TO DO FOR YOU. WE BELIEVE THAT THE TIME TO GET OUR ASSOCIATION BACK DOING THOSE THINGS THAT ARE IN OUR BEST INTERESTS IS NOW. WE THEREFORE ARE SUGGESTING YOUR CLUB TAKE THE FOLLOW ACTIONS. 1. SEND A LETTER, THROUGH YOUR DELEGATE TO THE NEW PRESIDENT OF THE CNYMAA (JIM SAIFF) GIVING HIM THE NAMES OF YOUR OFFICIAL DELEGATES TO THE ASSOCIATION. 2. HAVE YOUR DELEGATES GET A CURRENT COPY OF THE CNYMAA CONSTITUTION & DISCUSS THIS CONSTITUTION AT YOUR NEXT CLUB MEETING WITH YOUR MEMBERS. 3. HAVE YOUR DELEGATES GIVE AN ASSOCIATION REPORT AT EVERY CLUB MEETING; & GIVE RECOMMENDATIONS TO HIM SO THAT HE CAN BETTER REPRESENT CLUBS INTERESTS AT THE ASSOCIATION MEETINGS. OUR INVOLVEMENT IN THE CNYMAA IS VERY NECESSARY IF WE WISH TO IMPROVE OUR RELATIONSHIP WITH THE, OUR REPRESENTATION BY THEM, OUR ANNUAL SYMPOSIUM, AND OUR HOBBY AS WELL, IN THIS AREA.

SINCERELY, THE S.T.A.R.S.

FROM THE
PREZ



IF YOU DIDN'T COME TO THE BANQUET, YOU MISSED A GREAT TIME. THE FOOD WAS DELICIOUS ASUSUAL & PLENTY OF IT. AFTER DINNER, WE HAD FUN PLAYING SOME GAMES. THE GOLFERS SHOWED US THEIR EXPERTISE WITH A PUTTING GAME. GWYNN SKELTON GAVE US A LESSON ON PUTTING, BUT WHEN HE HIT THE BALL IT SEEMED TO WANT TO GO EVERY WHICH WAY BUT STRAIGHT. IT TURNED OUT TO BE A CRAZY BALL THANKS TO STAN THE MAN WITH A LITTLE JOKE. THE FUN WAS UPHILL FROM THEN ON WITH EVERYBODY PARTICIPATING. I WISH TO THANK THE SAUTERS, STANISZEWSKIS & ECKERTS FOR THEIR WORK IN PUTTING THE BANQUET TOGETHER.

WELL WE ARE NOW THE PROUD OWNERS OF THE FIELD. IT BECAME OFFICIAL ON MARCH 25, 1982 WHEN STAN STANISZEWSKI WENT DOWN TO THE LAWYER WITH THE MONEY. IT SURE FEELS GOOD TO HAVE THIS FINALLY CLOSED. I WISH TO THANK LON SAUTER FOR ALL THE WORK & TIME HE PUT INTO ACCOMP-

LISHING THIS HISTORICAL MOMENT. WE ARE THE 1ST CLUB IN THIS AREA TO PURCHASE A FIELD. LET'S HOPE OTHER CLUBS CAN DO THE SAME, AS THIS IS A GREAT HOBBY TO BE IN. DON'T FORGET ABOUT THE SWAP SHOP AFTER A SHORT MEETING ON APRIL 17, 1982. BRING IN WHAT YOU ARE TIRED OF, SO YOU CAN BUY SOMETHING NEW FOR THIS YEAR'S FLYING SEASON. YOU NEVER KNOW WHAT YOU MIGHT FIND. EVERYBODY IS INVITED TO BRING IN THEIR JUNK. OH PARDON ME, I SHOULD SAY THEIR TREASURES. SEE YOU THERE.

GARY ECKERT

A REMINDER

DO YOU FEEL SLIGHTED BECAUSE YOU HAVEN'T SEEN YOUR NAME IN PRINT RECENTLY? 1 LITTLE PHONE CALL OR AN ANONYMOUS LETTER TO THIS PAPER CAN CURE ALL YOUR INSECURITIES. INFORM ON A FRIEND TOO, YOU'LL FEEL BETTER. IF YOU DON'T VOCALIZE, WE CAN'T PUBLICIZE.

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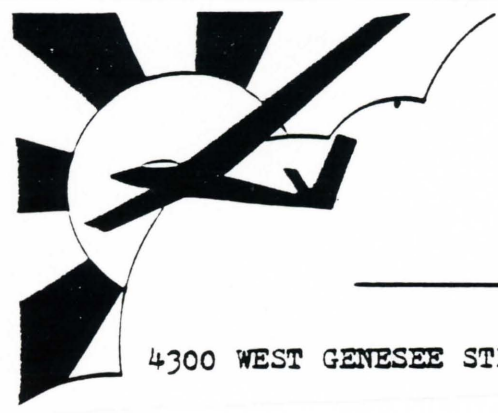


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Tues and Wed	10am to 6pm
Saturday	10am to 5pm

Academy of Model Aeronautics

3/15/82



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THE AMA EXPLORES THE FEASIBILITY OF 900 MHz FOR FUTURE RC

The FCC stated in 1979 that a portion of the 900 MHz band would become available in the future. The AMA quickly indicated an interest for RC use.

The fact that no one had tried 900 MHz for RC before didn't deter the AMA RC Frequency Committee from setting up a program for exploring the feasibility of this new frequency.

The Committee pointed out that the 900 MHz band was technically desirable because it was suitable for short range, line-of-sight transmission and would not be bothered by long range interfering signals.

An Experimental License, KK2XFZ, was obtained in early 1981 for use until late 1982.

Obtaining RC equipment was a problem because no one, as far as it was known, had ever made one. After several months of searching, the AMA found a manufacturer which had RC equipment on 459 MHz. They believed they could modify this frequency to the 900 MHz range with a development effort. An order was placed in mid-1981 after approval by the AMA Executive Council. The cost of \$1,000 per 8-Channel set was quite reasonable considering the amount of development involved.

Early in 1982, the two sets arrived in Florida for testing by Dick Jansson and Walt Good, who are members of the AMA RC Frequency Committee.

The 900 MHz set looks very much like your typical 8-channel rig except the transmitter antenna is only three inches long! The receiver is a dual conversion type with IF frequencies of 21 MHz and 455 KHz. Early ground tests demonstrated that the two sets do not interfere with each other, even though one is on 926.00 and the other is on 926.10 MHz. Laboratory and ground testing have been started and will continue until it is judged safe to proceed with flight testing.

Several unknowns at this high frequency includes the multipath propagation and antenna polarization effects. Both of these can cause "dead spots" during flight which could lead to loss of control—hopefully momentarily, but this won't be known until the air tests are well under way. In fact, the main reason for the feasibility tests is to find the answers to such questions.

If the tests show that 900 MHz is feasible for RC, then the AMA will pursue specific channel assignments with the FCC. It is not known at this time when the 900 MHz band will be opened for this new use.

You may wonder why the AMA is pursuing the feasibility of 900 MHz when 50 new RC channels are expected to be granted on 72 MHz in late 1982. The AMA has been working on these new 72 MHz channels with the FCC since 1976. There is always a long period of three to six years between initiation and granting of new frequencies.

Your AMA has been the only organized RC user group in the USA who has been working constantly since 1946 to obtain RC frequencies for your use.

In the case of 900 MHz, your AMA is still looking ahead to the future.
Cordially

Walt Good

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Those New Radio Frequencies? Six answers!

Assuming that there will be 50 new R/C frequencies for model aircraft:

- (1) We will no longer be sharing our frequency numbers with the industrial users. If one of them, due to very high power and close proximity to an R/C field, interferes with us, there will be plenty of other frequencies to move to.
- (2) All existing equipment is useable for five years from the implementation date.
- (3) All existing equipment is useable from year six to year eight from the implementation with a change in crystal and retuning by a qualified service representative using prescribed test equipment.
- (4) After the eighth year all receivers that exist now will be made obsolete.
- (5) Transmitters, as they exist now, operate on a narrow enough bandwidth to be useable forever with crystal and tuning changes.
- (6) The phase-in procedures for the new frequencies will be announced in the modeling press. MODEL AVIATION magazine will carry all the details as soon as they are ready. It will be most important that all R/C users follow the procedures to avoid chaos and disruption of the sport. All AMA chartered clubs will receive full details in a separate special mailing.

Information provided in summary form by Bob Hoeckele of MODEL RETAILER magazine based on his interview with Bob Aderle, Chairman, AMA Frequency Committee.

THE TOLEDO 1982 EXHIBITION WAS AGAIN THIS YEAR JAM PACKED WITH EVERYTHING TO DO WITH MODELING & THE PEOPLE INTERESTED IN OUR HOBBY SPORT. THERE WERE MANY NEW EXHIBITORS SHOWING NEW KITS & ACCESSORIES FOR MODELING. THE ITEMS THEY OFFERED INCLUDED A GAPLESS HINGE FROM FOURMOST PRODUCTS, PUSHER PROPS FROM J&Z PRODUCTS, A HIGHLY PREFABRICATED 40 SIZED SPORT TRAINER AIRPLANE FROM WOLFF-PAK, & FULL BUILT READY TO FLY (WITH OR WITHOUT RADIO & ENGINE) PLANES FROM COLUMBIA MODEL CRAFTS. IN THE AREA OF RADIO SYSTEMS, ALTHOUGH NOT MUCH NEW WAS SHOWN, KRAFT SHOWED A NEW SERVO & A DUAL CONVERSION RCVR. THERE ARE PROMISES OF NEW SYSTEMS WITH ALL THE BELLS & WHISTLES FROM ACE/PRO LINE & ROYAL ELECTRONICS. BOTH COMPANIES INDICATED THAT THEIR SETS WOULD BE AVAILABLE IN A 6-8 WK TIME PERIODS. THE ACE/PRO LINE WILL FEATURE A NEW RCVR. USING THE SEIMENS IF INTEGRATED CIRCUIT, PRO LINE CUSTOM COMPETITION OPEN GIMBALS, END POINT ADJUSTMENT, ADJUSTABLE & SWITCHABLE EXPONENTIAL, IN-TRANSMITTER ESV FOR AIRCRAFT BATT. CONDITION, TRIM AUTHORITY ADJUSTMENT, AND BIDIRECTIONAL & UNIDIRECTIONAL MIXING. ACE INDICATED THAT IF THEY MISSED ANYTHING, JUST ASK & THEY'LL PUT IT IN. ROYAL'S NEW RADIO WILL HAVE A NEW RECEIVER USING A CERAMIC FILTER TO REDUCE BAND WIDTH, ENABLING ITS USE ON THE NEW FREQUENCIES WITHOUT FM. THE NEW XMTR. WILL BE FEATURING ALL PROGRAMING & CONTROLLING OPTIONS IMAGINEABLE, INCLUDING DUAL RATE &/OR EXPONENTIAL. THERE WERE NO PRICES, BUT BOTH MANUFACTURERS INDICATED THE SYSTEMS WOULD BE QUALITY/COST COMPETITIVE WITH THE JAPANESE MANUFACTURED RADIOS. AS I MENTIONED BEFORE, KRAFT HAS A NEW DUAL CONVERSION RCVR. & ALSO A NEW SERVO OF JAPANESE MANUFACTURE. THE NEW KPS 24 SERVO OFFERS HIGH POWER, LOW CURRENT DRAIN, BALL BEARING OUTPUT & WATER TIGHT CASE. I WAS ESPECIALLY INTRIGUED WITH THE POT, AS IT APPEARED TO BE A LIFE TIME INDESTRUCTABLE UNIT. ACE R/C HAS PAID TO HAVE SOME TESTS DONE BY INDEPENDANT LABRATORIES ON DIFFERENT BRANDS & TYPES OF RADIO SYSTEMS. I'M CONVINCED THAT THEY ARE COMMITTED TO PRODUCING THE HIGHEST QUALITY RADIO ON THE MARKET. THERE WERE MANY NEW 1/4 SCALE, OR SHOULD I SAY HUGE SCALE, KITS, PLANS & ACCESSORIES SHOWN. THE INCREASING INTEREST IN 1/4 SCALE & THE TREMENDOUS COST ASSOCIATED WITH BUILDING & FLYING THESE MODELS IS MIND BOGGLING. THE AIRPLANES DISPLAYED WERE SO LARGE THEY HAD TO USE BLOCK & TACKLES TO HOIST THEM ABOVE THE BOOTHS FOR DISPLAY. THERE WERE MANY NEW 1/4 SCALE RETRACTS MADE FOR ALL THE WW II WAR BIRDS. IF ANYONE IS INTERESTED IN BUILDING THESE BEAUTIFUL PLANES, THERE IS NO LIMITATION ON ACCESSORIES & POWER PLANTS FOR THEIR CONSTRUCTION. THERE WAS A NEW ENGINE DISPLAYED AT THE 1/4 SCALE BOOTH WHICH HAS BEEN DESIGNED ESPECIALLY FOR LARGE AIRCRAFT. IT FEATURES SOLID STATE IGNITION, LIGHT WEIGHT, & HIGH POWER - ABT. 3.5 HP. PRICE WAS AROUND \$350. ELSEWHERE IN THE PROP WASH THERE IS THE LATEST AMA INFORMATION ABOUT THE NEW FREQUENCIES. THERE WAS A 900MHZ EXPERIMENTAL RADIO ON DISPLAY AT THE AMA BOOTH. THE AMA IS OBVIOUSLY NOT STOPPING AT 50 NEW FREQUENCIES, BUT WILL CONTINUE TO INVESTIGATE OTHER BANDS FOR FUTURE USE. I SPOKE BRIEFLY WITH BOB ABERLE, HEAD OF THE AMA FREQUENCY COMMITTEE. HE OUTLINED SOME VERY AFFECTIVE WAYS TO PHASE IN THE NEW FREQUENCIES & SUGGESTED THAT AREA CLUBS & HOBBY SHOPS GET TOGETHER TO ENSURE A SMOOTH TRANSITION. ALL THE AMERICAN MANUFACTURERS HAVE AGREED TO WORK TOGETHER TO ENSURE COMPATIBILITY OF MODULATION TYPE & FREQUENCY SELECTION FOR THE PHASE IN PERIOD. THE FOREIGN MANUFACTURERS ARE BEING CONTACTED NOW TO SOLICIT THEIR COOPERATION. EVERYONE SHOULD KEEP THEIR EYE ON THE AMA MAGAZINE, MODEL AVIATION, FOR THE MOST CURRENT INFORMATION AVAILABLE. ALL IN ALL THE TOLEDO SHOW WAS AGAIN A GREAT GATHERING OF MODELERS & MANUFACTURERS.

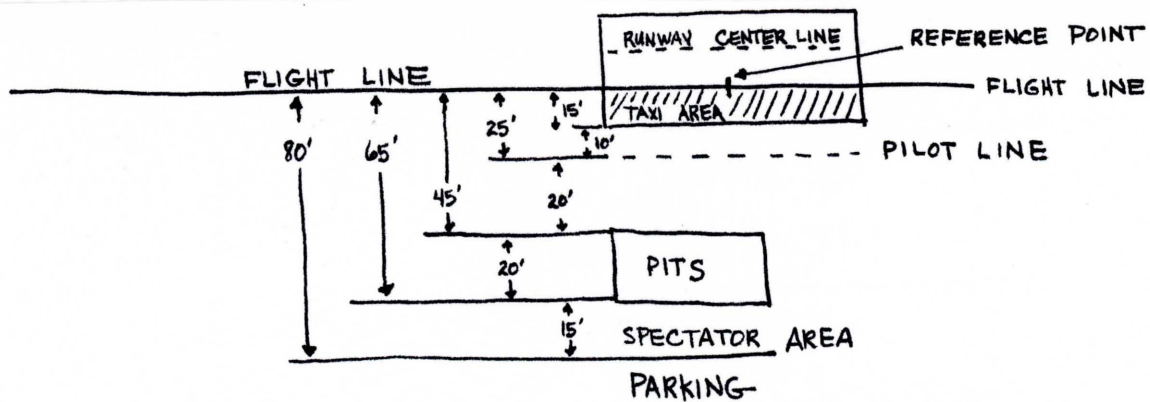
STARS AMA CORRESPONDENCE FROM THE SECRETARY

THE AMA HAS NOTIFIED US THAT ALL CHARTERED CLUBS ARE NOW PROVIDED WITH UP TO 2 MILLION DOLLARS OF LIABILITY COVERAGE. IF A CLUB IS RENTING THEIR FIELD, THEY MAY REQUEST PROTECTION FOR THEIR SITE OWNER UNDER THE ADDITIONAL INSURED CLAUSE & RECEIVE A CERTIFICATE FOR 1 MILLION DOLLARS OF COVERAGE FOR THE LANDLORD. CERTIFICATES BEING ISSUED IN 1982 WILL SHOW COVERAGE FOR 1 MILLION DOLLARS UNLESS THE CLUB NEEDS & REQUESTS THE 2 MILLION. THERE IS NO EXTRA CHARGE FOR THIS DOUBLE COVERAGE IN 1982. FOR 1983, THE 2 MILLION DOLLARS COVERAGE WILL BE PROVIDED

ONLY TO THOSE CLUBS WHICH MEET THE MINIMUM STANDARDS DETAILED BELOW, INCLUDING ADEQUATE POSTING OF WARNING SIGNS, AS WELL AS DIMENSIONS THAT REQUIRE FLYING OPERATIONS TO BE STRICTLY CONTROLLED.

AMA IS REQUESTING VOLUNTARY COMPLIANCE WITH THE FOLLOWING FLYING SITE SPECIFICATION STANDARD.

RUNWAY EDGE IS THE BASIC REFERENCE LINE OR "0"
 PILOT LINE A MINIMUM OF 25' FROM REFERENCE. PIT LINE A MINIMUM OF 45' FROM REFERENCE.
 SPECTATOR LINE A MINIMUM OF 65' FROM REFERENCE. PARKING LOT A MINIMUM OF 80' FROM REFERENCE.



TAXI AREA: NO LANDINGS OR TAKE-OFF FROM THIS AREA. FLIGHT LINE: NO AIRCRAFT FLYING BEHIND THIS LINE (VERTICAL PLANE) PILOT LINE: SET BACK FROM RUNWAY EDGE TO KEEP PILOTS AWAY FROM AIRCRAFT. FLIGHT SECTOR: (180 DEGREE SWEEP FROM FLYING SITE CENTER LINE) FLYING MUST BE CONTAINED WITHIN 1000' FROM EITHER END FROM FIELD CENTER REFERENCE POINT & 500' IN FRONT OF REFERENCE POINT. SAFETY ZONE: AN ADDITIONAL 250' SAFETY ZONE MUST BE ADDED TO OVERFLY AREA, IF ANY MAJOR ROADS, BUILDINGS, OR OUT DOOR PERSONNEL ACTIVITIES ARE IN THE GENERAL AREA. SIGNS MINIMUM POSTING REQUIREMENTS FOR PUBLIC NOTICE: 1. FLYING SITE, 2. FIELD RULES, 3. CURRENT AMA SAFETY CODE, 4. "NO SPECTATORS BEYOND THIS POINT WITHOUT ESCORT", 5. PARKING AREA (SIGNS AT BOUNDARIES). EQUIPMENT: FREQUENCY CONTROL BOARD.

CALENDAR OF UPCOMING EVENTS

APRIL 15 - CNYMAA MEETING 7:30PM WALT'S HOBBY & CRAFT

APRIL 17 - STARS MEETING 7:30-8PM NORTHMINSTER PRESBYTERIAN CHURCH PROGRAM - VOTE ON NEW SHED

APRIL 17 - STARS ANNUAL SWAP SHOP 8PM NORTHMINSTER PRESBYTERIAN CHURCH EVERYONE WELCOME! BRING YOUR GOODIES & "GREEN STUFF"

MAY 15 - STARS SPORT PYLON RACES TIMES TO BE ANNOUNCED

MAY 22 - OMAC FUN FLY 9-10 REGISTRATION 10:15 AM FLYING SITE: TULLY FIELD-ARCS AMA SANCTIONED EVENTS: GUESS YOUR SCORE, BOMB DROP, SPOT LANDING, LOOP/STALL, LIMBO & LAMANS START

JUNE 5 & 6 - RC CLUB OF ROCHESTER FUN FLY BROCKPORT, NY

JUNE 5 & 6 - MIDSTATE MODELERS FUN FLY CICERO, NEW YORK

JUNE 19 & 20 - KINGSTON ONTARIO FUN FLY

JUNE 26 - STARS SPORT PYLON RACES TIMES TO BE ANNOUNCED

JUNE 26 & 27 - OMAC 8TH ANNUAL SPRING SAIL SAIL-PLANE CONTEST SITE TO BE DETERMINED CD: DAN CROWNHART (315) 458-2088

JULY 10 & 11 - AGS PATTERN & SCALE CONTEST

JULY 17 & 18 - VALLEY RC FUN FLY SAYRE, PA.

JULY 17 & 18 - ARCS 15-500 PATTERN CONTEST TULLY, NEW YORK

JULY 31 & AUG 1 - STARS 8TH ANNUAL FUN FLY & AIR SHOW PHOENIX, NY CD: GARY BROWN 652-7971

AUG 14 & 15 - FLYING KNIGHTS OF HAMBURG NY 14TH ANNUAL AIR SHOW

AUG 14 & 15 - AUBURN FUN FLY

AUG 21 & 22 - MASSENA NY FUN FLY

AUG 28 & 29 - WATERTOWN FUN FLY

SEPT 4 - STARS SPORT PYLON RACES TIMES TO BE ANNOUNCED

SEPT 18 & 19 - MIDSTATE MODELERS FUN FLY

THIS MONTH AT THE FIELD

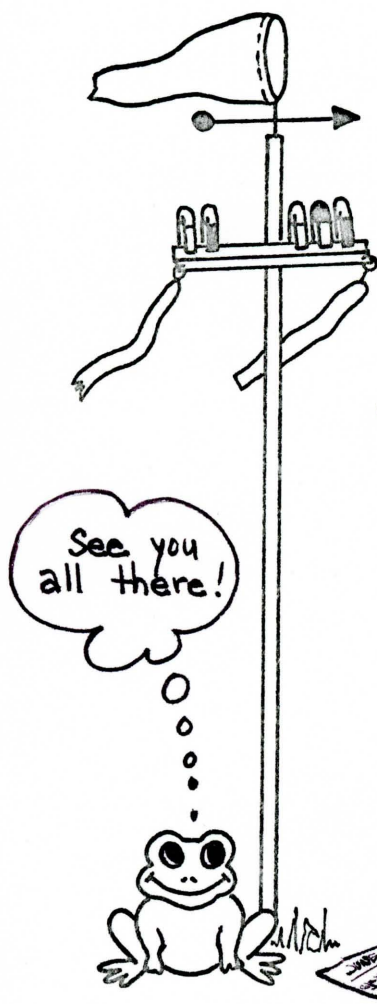
HOME OF
FRANCIS FLIGHT LINE

"FIELD WARMING CELEBRATION"

AS MOST OF YOU KNOW, THE STARS HAS BEEN IN THE PROCESS OF BUYING OUR FIELD SINCE APRIL 1981. WELL, IT'S FINALLY HAPPENED. THE FINAL CLOSING TOOK PLACE MARCH 29, 1982.

IN CELEBRATION OF THIS EVENT, THE STARS WOULD LIKE TO INVITE ALL AREA CLUB MEMBERS & THEIR FAMILIES TO A "FIELD WARMING CELEBRATION". THERE WILL BE GAMES FOR THE WHOLE FAMILY ALL DAY, AND OPEN FLYING (NO COMPETITIVE EVENTS) FROM 3PM TIL DUSK. THERE IS NO CHARGE FOR ANY OF THE DAYS ACTIVITIES WHICH BEGIN AT 1PM. THERE WILL BE FIRES AVAILABLE FOR PICNIC COOKING & IF YOU'D LIKE, YOU CAN BRING A DISH TO PASS. PRIZES WILL BE GIVEN FOR GAMES DURING THE DAY.

ANY QUESTIONS CALL: STAN STANISZEWSKI (699-5844), GARY ECKERT (457-4327 OR LON SAUTER (695-5032)



All modelers and their families cordially invited

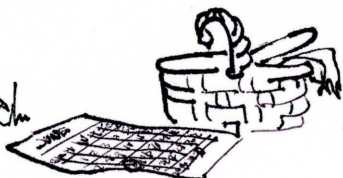
Date: June 13th

Place: Stars field Phoenix, N.Y.

Time: 1pm — dusk

NO ADMISSION FEE

AMA & FCC licenses required for flyers



by Nolegram