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Model Aviation

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Parce Que Vous Voulez"

La mission nationale de l'association des modélistes aéronautique du Canada est la promotion de tous les aspects du modélisme tant au niveau familial, communautaire qu'individuel sous l'enseignement de la sécurité et l'accomplissement personnel.

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Model Aviation CANADA

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Brian Coolican poses with his beautiful 1/3-scale Balsa USA Sopwith Pup.
Le superbe Sopwith Pup (un kit de Balsa USA) à l'échelle un tiers de Brian Coolican
(Photo: Bill Rollins)

MESSAGE DU PRÉSIDENT

Craig Ekstrand - 67884

Président

306-741-3482 | president@maac.ca

Je suis honoré d'avoir été choisi afin de représenter le MAAC à titre de président au cours des deux prochaines années. Cet organisme s'est épanoui grâce à la passion des modélistes qui voulaient créer et développer une communauté où amateurs de passe-temps tout comme les concurrents peuvent se réunir et faire voler des maquettes.

Dans notre monde actuel, les consommateurs jouissent d'un nombre incalculable d'options et d'occasions. La technologie évolue constamment, ce qui facilite l'entrée au sein de ce passe-temps pour quiconque. Nous n'avons qu'à entrer dans un magasin de passe-temps local ou à effectuer une recherche en ligne, nous avons accès à tout ce qui est disponible afin de vivre l'émotion du premier vol. C'est une époque excitante pour le MAAC puisque nous examinons les occasions que ce paysage changeant peut offrir à tout enthousiaste de maquettes télécommandées.

Le MAAC est reconnu comme étant un leader de l'industrie, comme en fait foi la place que lui a réservée Transports Canada et nous travaillons à préserver ces privilèges qu'on nous accorde. Ces changements ne visent pas à amoindrir les valeurs qui ont bâti cet organisme mais plutôt, ils lui permettront de faire la promotion de ces valeurs déjà chères au MAAC. Notre organisme se distingue par son sens de la communauté, l'esprit de camaraderie et de la passion, le tout sous le signe du respect et de la sécurité. Le MAAC croit que la responsabilité de la sécurité doit résider auprès de la personne sans être contrôlée par une technologie limitatrice. En adoptant cette approche, les modélistes responsables pourront poursuivre leurs activités de vol de loisir en toute sécurité, qu'ils soient membres d'un organisme d'aéromodélisme ou non.

Le MAAC remporte du succès grâce à ses membres. Pendant plusieurs jours de réunions qui ont précédé l'Assemblée générale annuelle, les membres du Conseil de direction ont passé plusieurs heures à concevoir une stratégie qui illustre la

vision de notre slogan *Adhérez parce que vous le voulez!* Nous voulons édifier notre organisme avec comme mission de se dévouer à tous les volets du modélisme par le biais d'un leadership national qui encourage la participation individuelle, familiale et communautaire et qui promeut des critères élevés de sécurité et de d'accomplissement personnel.

Grâce à ce processus de planification stratégique qui s'est concentré sur la mission et la vision de l'organisme, quatre priorités (et buts correspondants) ont émergé :

Membres et clubs – Les membres sont fiers de faire partie de l'organisme et nous travaillons fort à attirer et à retenir des membres, clubs et installations de vol.

Gouvernance – Nous sommes un organisme efficace et proactif qui possède de saines pratiques de gouvernance et d'affaires, pratiques qui appuient la mission à longue échéance du MAAC.

Sécurité – Nous partageons une approche organisationnelle sur le plan de la sécurité, histoire de préserver notre fiche impeccable.

Personnes – Le personnel du MAAC, son Conseil de direction et les comités partagent une culture de collaboration et d'engagement qui se concentre sur la réussite de notre mission et de notre vision grâce à notre plan stratégique.

Je suis heureux de faire partie de cet organisme et des valeurs qu'il véhicule. En se tournant vers l'avenir, nous entrevoyons plusieurs changements; notre vision, c'est d'être un organisme qui attire des membres qui ne demandent pas mieux

que d'y adhérer parce qu'ils le veulent! Les prochaines années seront excitantes au MAAC, d'autant plus que nous le bâtissons pour les prochaines générations.

J'ai hâte de rencontrer plusieurs membres actuels et futurs, en cours de route. Merci de faire confiance à votre organisme.

QUELQUES BRIBES À MON SUJET

Je n'ai pas grandi en baignant dans ce passe-temps. Mon introduction à cette dépendance, elle s'est fait en sirotant un café au bureau, il y a 16 ans, lorsqu'une de mes collègues de travail racontait que son mari faisait voler des avions télécommandés. J'ai mentionné que j'aimerais bien essayer ça un jour; peu après, son mari Perry est arrivé sur mon perron avec un avion et un grand sourire. Il m'a simplement dit : «Donnez-moi un chèque et on y va!» Après ce premier vol à l'aéroport de Rosetown, j'étais déjà accroché.

Pour moi, le vol ne consiste pas à se doter de l'avion le plus rapide ou le plus détaillé. La joie, c'est de lui faire prendre la voie des airs et de s'évader, sur le moment. J'adore tous les volets de ce passe-temps et j'ai eu la chance de rencontrer des gens incroyables. Ultimement, pour moi, cela se résume aux personnes qui évoluent au sein de ce passe-temps, des gens que je n'aurais pas rencontrés au quotidien. La majeure partie de mes souvenirs préférés proviennent d'une séance de vol à un terrain. De plus, la solidarité entre modélistes est évidente lorsque le moteur ne roule pas rond et que

suite à la page 6





PRESIDENT'S MESSAGE

Craig Ekstrand - 67884

President

306-741-3482 | president@maac.ca

I am honored to have been chosen to represent MAAC as president for the next two years. This organization has grown out of the passion of modellers wanting to create and develop a community where hobbyists or competitors can come together and fly.

In today's world, consumers have an infinite number of options and opportunities. Technology is constantly evolving, making it easier for anyone to participate in our hobby. By simply walking into their local hobby shop or going online, everything needed is available to experience the adrenaline rush of flight. For MAAC, it is an exciting time as we look at the opportunities that this changing landscape brings for the RC enthusiast.

MAAC is recognized as a leader in the industry, as is evident by Transport Canada's carve out for the organization, and we are working to preserve the privileges we have been granted. These changes are not seen

as an inhibitor to the values that have built this organization, but rather as an enabler that will help promote what MAAC already stands for. We are an organization of community, camaraderie, and passion built on the foundations of respect and safety. MAAC's belief is that the responsibility for safety must remain with the individual and not be controlled through limiting technology. This approach allows for continued safe model aircraft recreational flight for all responsible hobbyists, whether members of an aeromodelling organization or not.

MAAC is a successful organization because of its members. During several days of Board meetings prior to the AGM, the Board worked many long hours developing a strategic plan focused on a vision of *Join Because You Want To!* We want to continue to build an organization with the mission of being dedicated to all aspects of modeling through national leadership by encouraging individual, family and community participation, and promoting high standards of safety and personal fulfillment.

Through this strategic planning process, which focused in on the organization's

mission and vision, four priorities emerged along with corresponding goals:

Members and Clubs – Members are proud to be part of the organization and we work to attract and retain members, clubs and facilities.

Governance - We are an effective, efficient and pro-active organization with sound governance and business practices that support MAAC's long-term vision.

Safety - We share an organizational approach to safety that preserves our outstanding safety record.

People - MAAC staff, Board of Directors and committees have a unified culture of collaboration and engagement focused on achieving our mission and vision through our strategic plan.

I am proud to be a part of this organization and the values it is built on. As we look ahead, there are many changes coming and our vision is to be an organization that draws in members *to Join Because You Want To!* The next few years are going to be very exciting for the organization as we continue to build for generations to come.

continued on page 6

Vos amis se précipitent afin de vous aider.

De jour, je suis vice-président régional de l'une des plus grandes institutions de crédit (*credit union*, à la façon des caisses populaires) du pays et j'adore mon travail. Ma tâche, c'est d'améliorer la vie des gens et c'est ce que j'aime tout autant au sein de notre passe-temps. Que vous vous y adonnerez pour la compétition ou tout bonnement pour la satisfaction personnelle que vous en retirez lorsque vous effectuez un vol par un beau samedi après-midi, nous pouvons tous influencer la vie des personnes autour de nous. J'ai marié Brenna il y a presque 24 ans et nous avons trois enfants vraiment fantastiques qui ont grandi en passant plusieurs vacances familiales en traînant notre roulotte d'un *Fun-fly* à l'autre.

Je crois sincèrement en notre vision de *Voler parce que vous le voulez!* À titre d'organisme, nous travaillerons d'arrache-pied à perpétuer un organisme qui fera honneur à cette marotte. ✈



Other than flying indoors in the winter, I also enjoy mountain sledding. / En plus de m'adonner au vol intérieur l'hiver, j'aime faire de la motoneige en montagne.

President's Message

from page 5

I look forward to meeting as many of our current and future members along the way. Thanks for your trust in this organization.

A LITTLE ABOUT ME

I didn't grow up in this hobby. My introduction to this addiction happened over coffee at work, some 16 years ago when one of my co-workers was talking about how her husband flies remote control planes. I mentioned that I would love to try RC someday and before long, the husband Perry showed up on my steps with a plane and a grin. He simply said 'give me a cheque and let's go!' After that first flight at the airport in Rosetown, I was hooked.

For me, flying is not about having the fastest plane or one with the most detail, it's about getting in the air and being lost in the moment. I love all aspects of this hobby and have had the opportunity to have met some of the most incredible people. Ultimately, for me, it comes down to the people in this hobby, people that I would not have had the chance to meet in my day-to-day life. Many of my favourite memories in life have taken place at a flying field and there is something to be said about a motor not running right and your buddies coming to the rescue to get you back into the air.

During the day, I am a Regional Vice President for one of the larger credit unions in the country and I love my job. My job is to help make people's lives better and this is also what I love about this hobby. Whether you are in it for the competition or just the personal fulfilment of a beautiful flight on a sundrenched, Saturday afternoon, we can affect the lives of those around us. I have been married to Brenna for almost 24 years now and we have three great kids who have grown up with many of our family vacations dragging our trailer from one Fun Fly to the next.

I truly do believe in our vision of *Fly Because You Want To!* As an organization, we will work hard to continue to create an organization that lives up to this statement. ✈



The Ekstrand family, from left: Craig, Ashtyn, Cailin, Brenna, and Nathaniel. / La famille Ekstrand. De g. à dr. : Craig, Ashtyn, Cailin, Brenna et Nathaniel.

ARCHIVES

By Fred Messacar

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We currently have approximately 3,835 duplicated copies of the magazines in the MAAC archives. So we can make space for more unique items, we would like to make these available to all members who would like to complete their own collections. Please do not order copies for retail purposes at the various hobby shows or swap meets.

Should this be found to be so, we will discontinue this offer.

The magazines are available at no cost but we will be charging for the cost of shipping by courier. The closing date for this offer will be October 31, 2017.

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Vous trouverez la liste complète de ces numéros au site Web du MAAC sous les affaires du Comité des archives (About > Committees > Archives, > View Committee). Veuillez tout de même retenir que certains numéros sont très vieux et qu'ils pourraient avoir perdu leur couverture (en plus d'être fragiles de par leur exposition à l'air ambiant).

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An Anderson Kingfisher, powered by OS 72 four stroke, on a calm Clear Lake. / Un Anderson Kingfisher, mû par un OS .72 à quatre temps, à Clear Lake, par temps calme.

Photo by Mario DeRocco

ALBERTA (A)



Roger Ganley - 6426

Directeur de zone

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LE VOL D'HYDRAVION EN ALBERTA

Faire voler un avion sur flotteurs, voilà un autre volet de notre passe-temps et sport auquel s'adonnent plusieurs membres de la zone. Bien que plusieurs enthousiastes soient membres d'un club qui jouit d'une piste et d'un plan d'eau, un club albertain est actif uniquement en matière d'hydravions.

MOFFA (la Mostly Old Float Flyers Association) existe depuis plusieurs années et organise trois Float-flies au cours de la saison de vol. Son emplacement, c'est le lac Clear, à environ 90 minutes (120 km) d'Edmonton et il comporte une plage sablonneuse et deux quais à partir desquels on peut lancer nos maquettes. Plusieurs membres transportent leurs appareils dans des remorques cargo derrière leur véhicule récréatif ou un campeur et s'installent sur un terrain de camping sur la rive nord.

Ce terrain de villégiature est très populaire non seulement chez les hommes mais aussi chez leurs compagnes! Les terrains ont beau ne pas offrir de services, ils sont néanmoins aménagés sur de la pelouse et certains sont dotés d'un petit foyer. Les dames qui apprécient la marche peuvent emprunter quelques sentiers vers les boisés mais la plupart se promènent sur les chemins d'accès qui font une boucle vers d'autres sites. Certains terrains sont aussi dotés d'un grand espace gazonné que fréquentent les pilotes de *Park Flyers* lorsque le vent tombe.

De temps à autre, des lanternes volantes sont lancées en soirée, au grand bonheur des habitués des feux de camp, alors qu'elles s'élèvent au-dessus du lac. Plusieurs modélistes apportent leur chien ou chat de compagnie, des bêtes à quatre pattes qui se font plusieurs amis au fil des ans.

Clear Lake est devenu la destination d'un petit groupe d'adeptes des hydravions, en saison estivale. Certains font souvent voler

leur appareil; d'autres se contentent d'observer l'action. Toutefois, je suis persuadé qu'ils retournent à la maison la tête remplie de souvenirs d'aventures dans les cieux comme au sol. Et de là toute la signification de ces activités : se rencontrer entre amateurs de maquettes et la famille, revoir des amis et passer du temps sous un ciel bleu albertain!

SPECTACLES!

Vous n'avez pas besoin de vous déplacer bien loin dans cette province afin de participer ou d'assister à un événement de maquettes, à un *Fun-fly*, à un *Float-fly*, à un concours, à une journée d'accueil ou quelque chose du genre. Vous n'avez qu'à jeter un coup d'œil au calendrier (site Web) du MAAC ou dans le plus récent numéro de *Model Aviation Canada* afin de vous en rendre compte. N'oubliez pas non plus les spectacles aériens d'appareils à l'échelle réelle, au cours de l'été. Selon le lieu, il se pourrait alors – ou non – que vous aperceviez des maquettes en vol ou en exposition statique. On vient de m'informer que les Snowbirds de l'Aviation royale du Canada et l'équipe de parachutisme les Sky Hawks se produiront en spectacle à l'aéroport de Villeneuve les 19 et 20 août. Medicine Hat sera aussi l'hôte d'une exposition statique d'un jour (et de randonnées en avion) à son aéroport le 17 juillet (entre 13 h et 18 h).



Alberta

from page 9

website or in the latest issue of *Model Aviation Canada* will bear that out. And don't forget about the full-size air shows being held in the province of Alberta this summer. Depending on the venue, you may or may not see model airplanes being flown or on static display. I have just been made aware of the fact that the Royal Canadian Air Force Snowbirds plus the Sky Hawks will make an appearance at the Edmonton Airshow at Villeneuve Airport on August 19 and 20. Medicine Hat is also having a one-day static display plus airplane rides at the Medicine Hat airport on July 17 from 1 to 6 pm. ✈

ALBERTA (A)



Bob Wonitoy prepares his PBY for flight at the MOFFA Clear Lake Float Fly. / Bob Wonitoy prépare son hydravion PBY pour son prochain vol lors du Float-fly du MOFFA à Clear Lake.



Roger Ganley - 6426

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FLOAT FLYING IN THE ALBERTA ZONE

Flying a model airplane off floats is another aspect of this hobby/sport a great many members of the Alberta zone enjoy. While some enthusiasts belong to a club which has the advantage of having both a land base plus a float base, there exists in Alberta one club which is strictly a float flying club.

MOFFA (Mostly Old Float Flyers Association) has been in existence for several years now, and hosts three Float Flies during the flying season. Its site is at Clear Lake, a one-and-a-half hour drive (120 km) northwest of Edmonton, and boasts a great sandy beach and two docks to launch from. Many of the club members transport their models in a cargo hauler which is towed behind either a motorhome or a camper to the campground located on the north shore of Clear Lake.

The campground is a hit with not just the guys but the gals as well! All sites are unserviced but the majority are situated on grass and a few have their own fire pit. For the ladies who like to walk, there

are a few trails that go through the bush but most enjoy walking on the access road which also winds around a large loop to many other campsites. There are also a few playgrounds plus a very large grassy area that is frequented by park flyers when the winds are calm.

Every now and then, wishing lanterns are launched in the evening and those sitting at the community campfire have a great view as they head up and over the lake. Many bring along their dogs and cats. Over the years, these four-legged creatures have made themselves well known to all.



Len Boisvert and Erin Forth prepare their Northstar for another "Northstar Flurry" at the MOFFA Clear Lake float fly. / Len Boisvert et Erin Forth préparent leur Northstar pour une autre "tempête de Northstars" lors du Float-fly du MOFFA à Clear Lake

Clear Lake has become the destination of a modest number of float flyers during the summer. Some of the members fly a great deal while a few are known to fly very little. However, all I'm sure travel back to their respective homes with fond memories of adventures in both the sky and on the ground! And isn't that what it's all about? Getting together with fellow model airplane enthusiasts plus their families and a few of their friends for a great time under the blue Alberta sky!

IT'S SHOWTIME IN ALBERTA

You don't have to travel far in this province to participate in or to be a spectator to a model airplane event, Fun Fly, Float Fly, contest, open house or whatever. A look at the events calendar on the MAAC

continued on page 8

COLOMBIE-BRITANNIQUE (C)



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Directeur de zone

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Cet été s'annonce excitant : de nouveaux clubs et des rassemblements devraient faire de la promotion de l'aéromodélisme partout au sein de la zone.

On pourrait penser que l'activité estivale serait lente pour les directeurs du MAAC. Toutefois, les préparatifs sont nombreux en prévision de rencontrer les autres directeurs de zone, de l'Assemblée générale annuelle du MAAC, et ainsi de suite. L'été, c'est occupé au MAAC! Cette année, nous avons recentré nos activités sur l'avenir de l'organisme et nous travaillons à faire en sorte que le Conseil de direction voit aux meilleurs intérêts du MAAC.

J'espère vous voir sur la ligne de vol.

ÉVÈNEMENTS DIGNES DE MENTION AU SEIN DE LA ZONE - MARS ET AVRIL

Expositions dans les centres commerciaux

Shuswap Lake Aero-Modelers et la Kamloops Model Airplane Society.

ÉVÈNEMENTS

Kelowna Ogoogo Radio Controllers – inauguration de la saison de vol

West Kootenay Model Club – le *Float-fly* de New Denver

Kamloops Model Airplane Society – Introduction aux avions télécommandés

MATÉRIEL POUR CETTE CHRONIQUE

Envoyez-moi vos photos et comptes-rendus d'événements, de sorte à ce que nous puissions montrer ce qui se déroule au sein de la zone C! ✈



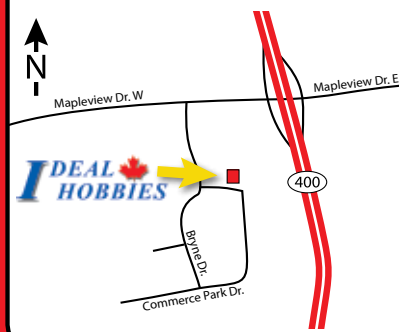
Multi-rotor training at the Vernon Radio Control Aero-Modelers field. / Formation au vol de multirotor au terrain des Vernon Radio Control Aero-Modelers.

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Some beautiful models on display at the Kamloops Model Airplane Society mall show. / Magnifiques maquettes en montre lors de l'exposition au centre commercial de la Kamloops Model Airplane Society.

BRITISH COLUMBIA (C)



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This summer looks to be exciting with some new clubs and events that will help promote aeromodelling throughout the zone.

One would think that summertime activity would be slow for MAAC directors. However, there is still lots of preparation for meeting with other zone directors, preparing for the MAAC Annual General Meeting, and so on. Summer is still a busy time for MAAC! This year we re-focused on the organization's future and we are working to ensure your Board of Directors is working for MAAC's best interests.

Hope to see you on the flightline.

NOTABLE ZONE EVENTS – MARCH & APRIL

Mall Shows

Shuswap Lake Aero-Modelers and Kamloops Model Airplane Society.

EVENTS

Kelowna Ogopogo Radio Controllers - flying season 'kick-off event'

West Kootenay Model Club – New Denver Float Fly.

Kamloops Model Airplane Society – Introduction to Radio Controlled Airplanes.

COLUMN MATERIAL

Please send in your event photos and a short story so we can feature some of the great events happening in Zone C for all to see!



The Kamloops Model Airplane Society holds regular introduction to Radio Control Airplane sessions where members, like Mark Betuzzi, spend some time helping interested people get a feel for the hobby. La Kamloops Model Airplane Society organise régulièrement des séances d'introduction aux maquettes télécommandées où des membres comme Mark Betuzzi aident des visiteurs à se faire la main au pilotage.

MANITOBA/NORD-OUEST ONTARIO (D)



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Vous vivez le rêve parfait en vous débarrassant de votre dépendance énergétique à votre terrain de vol? Ce n'est certes pas un nouveau concept, d'autant plus que la technologie actuelle n'était pas disponible, il y a quelques années. Imaginez un endroit où vous pourriez observer les oiseaux pourchasser les insectes, un endroit où les papillons se posent sur les fleurs sauvages qui poussent autour de la piste et où l'eau de pluie est récupérée depuis le toit et entreposée afin de servir plus tard. Et de surcroît, vous n'êtes pas branchés à l'électricité.

Mais je m'égare : cette chronique se veut un traité sur la réaffectation des matières, la mise à niveau, le recyclage, la réutilisation, le virage vert et sur l'incorporation de la nouvelle technologie dans de vieux produits. On en apprend beaucoup en observant ce que les autres ont fait... ou ne devraient pas avoir fait. Nos terrains de vol sont un endroit idéal pour installer des panneaux solaires afin d'alimenter nos chargeurs de batterie. Dans notre région, le club de Dryden a rapidement embrassé cette nouvelle technologie. A suivi le club de Kenora qui s'est approprié le concept de Dryden afin de construire son propre système.

Nous connaissons (trop) bien la Loi de Murphy : tout ce qui

peut mal aller ira mal. Avec ceci comme toile de fond, la station de recharge du club de Kenora ne se trouve pas à l'intérieur du clubhouse – nous avons tous vu les photos du bâtiment d'un club du Québec qui a été ravagé par les flammes, le résultat d'une batterie défectueuse. L'ancienne boîte d'entreposage des émetteurs (*impound*) se trouvait contre une clôture; elle a été déplacée et a repris du service à titre de station de recharge. Si elle était la proie des flammes, ce ne serait pas une grosse perte. Les panneaux solaires ont été disposés sur le toit de l'auvent, là où des doigts collants ne peuvent pas les atteindre.

Les panneaux solaires sont peu onéreux et sont souvent écoulés à prix réduit. La ferme de panneaux solaires de Kenora utilise deux panneaux Coleman de 40 watts, chaque panneau étant branché sur une batterie à décharge profonde de 12 volts. Les batteries sont reliées par fil à une boîte équipée de prises pour des pinces banane. L'utilisateur peut aussi brancher son chargeur directement aux batteries s'il utilise ces pinces banane. Un tuyau de plastique d'un pouce sert à protéger l'alimentation par fil entre les panneaux et la station de recharge.

Nous sommes très chanceux que le toit de l'auvent se trouve dans la bonne direction et à un angle qui a facilité la pose des panneaux afin de maximiser la captation des rayons solaires. Voici des renseignements utiles sur les applications solaires : <http://solarelectricityhandbook.com/solar-angle-calculator.html>. ✈



A pair of solar panels sit on the on a Sunshade Roof. / Une paire de panneaux solaires sur un toit d'auvent.



The Kenora Club's charging station ready for use. / La station de recharge du Club de Kenora est fin prête à l'utilisation.

MANITOBA/NORTHWEST ONTARIO (D)



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Zone Director

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Living the dream by living off the grid at your airfield? It's not a new concept and many have tried, but failed, because the current technology was not available. Imagine a place where one can watch the swallows swoop and dive as they catch bugs; a place where butterflies happily visit the wild flowers surrounding the runway and where rainwater is captured from the roof and held for further use in a storage tank and best of all – not being connected to the hydro grid.

But I digress - this article is all about repurpose, upgrade, recycling, re-use, going green and incorporating new technology into old products. There is much to be learned by observing what others have done or should have not done. Our airfields are ideal places to install solar panels to power our battery chargers. In our area, the Dryden club was an early adaptor of the new technology. Then, the Kenora club appropriated the Dryden concept and built its own system.

We are all too familiar with Murphy's Law; anything that can go wrong will go wrong. With that in mind, the Kenora charging station is not in the club house – as we all saw the pictures of the club house in Québec that was burnt from a battery fire. The old radio impound that was sitting abandoned against a fence, was relocated and repurposed as the charging station. It would not be a great loss if it burnt. The solar panels were mounted up on the roof of the sunshade where sticky fingers cannot get at them.

Solar panels are inexpensive and are often put on sale at a

reduced price. The Kenora solar farm uses two 40-watt Coleman panels, each panel is hooked to a 12-volt deep cell battery. The batteries are wired to a box equipped with receptacles for male banana plugs. The user also has the option of hooking his charger directly to the batteries if he is using alligator clips. One-inch diameter plastic water pipe is used to protect the wire feed between the panels and the charging station.

We were really fortunate that the roof of the sunshade faced the right direction and was at a good angle for mounting the panels, in order to maximize the solar capture. Here is a link to great information about all things solar: <http://solarelectricityhandbook.com/solar-angle-calculator.html>. ✈



The old transmitter impound now operating as a charging station. / L'ancienne régie radio (impound) sert maintenant de station de recharge.



MILIEU DE L'ONTARIO (E)



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LE NIAGARA FPV SQUAD

par Abbey Solomon, President, Niagara FPV Squad

«Ces derniers trois mois ont passé très vite depuis que le Niagara FPV Squad a été fondé à titre de club du MAAC. De courses en rassemblements techniques, le Squad a travaillé ferme afin de faire croître le passe-temps, de faire la promotion du vol sécuritaire et des bénéfices de faire partie du MAAC.

«L'un des projets qu'a accepté le Niagara FPV Squad, c'est de veiller sur un club de courses de drones à une école secondaire locale. Nous faisons équipe avec E.L. Crossley afin de guider 16 élèves dans leur quête de construction, de programmation, de vol et de courses de drones par vol par immersion (First Person View ou FPV en anglais). Jusqu'à maintenant, les jeunes ont beaucoup progressé. Les deux premières journées de cours ont porté sur la sécurité et sur les règlements. Nous avons aussi inscrit tous les élèves auprès du MAAC pendant ce temps.

«Au cours des troisième et quatrième séances, nous avons attaqué de front la construction en expliquant les composantes et leur mission. Tous les quadricoptères sont construits, mis à l'essai en faisant du surplace, les élèves pratiquent sur simulateur et l'un d'entre eux a effectué son premier vol FPV. L'année scolaire tire à sa fin mais comme nous disposons encore de deux jours d'activité au sein du Club, nous devrions pouvoir faire en sorte

que tous les élèves effectuent leur vol inaugural. Certains iront au postsecondaire l'an prochain mais les autres qui restent au secondaire devraient avoir une longueur d'avance au printemps.

«Nous avons organisé trois concours parrainés, le plus récent étant le 18 juin à notre terrain, le Fonthill Lions Club G.L. de Klager Park. Notre club est très chanceux d'être situé au sein d'une communauté qui est si généreuse. Notre terrain principal s'en vient bien et nous avons hâte de jouir d'une piste permanente de vol FPV. Nous avons terminé notre portique semi-permanent de départ/arrivée; notre tour de départ (hauteur de 16 pieds) sera en construction sous peu.

«Le nombre de membres croît lentement mais nous avons confiance que le club aura un bel élan à mesure que ce passe-temps gagne en popularité. Nous profitons du buzz. La saison dernière, il était très rare de voir des spectateurs à notre événement mais cette année, des curieux ont observé nos deux courses. Avant d'adhérer au MAAC, le Niagara FPV Squad a organisé plusieurs événements au cours de l'été 2016 et nous sommes rassurés de savoir que nous sommes protégés sous l'égide du MAAC. Étonnamment, le processus de création de club était plutôt simple. Nous étions déjà habitués à observer la plupart des règlements et exigences afin de faire parrainer nos événements. Grâce à l'aide de notre directeur de zone Roy Rymer, le tout a été facile.

«Notre exécutif et nos membres ont hâte de vivre le reste de la saison 2017 et nous souhaitons une belle et amusante saison à tous les clubs du MAAC.»

Merci beaucoup, Abbey, pour le temps et votre considération de vous joindre au MAAC! ✈

MIDDLE ONTARIO (E)



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Zone Director

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NIAGARA FPV SQUAD MAAC CLUB REPORT

By Abbey Solomon, President, Niagara FPV Squad

"It has been a busy three months since the Niagara FPV Squad was formed as a MAAC Club. From races to tech meets, the Squad has been working hard to grow the hobby, promote safe flying and the benefits of joining MAAC.

"One project that the Niagara FPV Squad has taken on is a local STEM-based high school drone racing club. We have teamed up with E.L. Crossley to guide 16 lucky students on an amazing journey of building, programming, flying and racing FPV drones. To date, the students have come a long way. The first two days of class were all about safety and regulations. We also registered all these students with MAAC over the first two days.

"Over the third and fourth sessions, we dove right into building with explanations on components and what their purpose is. All quads are built, test hovered, practices on simulators have been done and with one student having his first FPV flight. The school year is almost at an end and with two more days of drone club left, we should have all the students in the air. Some of the students will be moving on to post-secondary next year, but the ones who still have some time left in high school will be ready to go in the spring with a head start.

"We have held three sanctioned events, with our most recent on June 18th at our home field, Fonthill Lions Club G.L in Klager Park. Our club is very lucky to be situated in a community which gives back so willingly. Our home field is coming along and we are looking forward to having a permanent FPV drone track. We have completed our semi-

permanent start/finish gate with construction on our 16-foot drop tower to begin soon.

"Membership has been slowly growing but we as a club are very confident it will grow as our hobby grows. There is a buzz. Last season, it was very rare to see spectators at our events, but this year, both races have had some onlookers. Prior to joining MAAC, the Niagara FPV Squad has held several events last summer and it puts the club at ease to know that we are covered under MAAC. Surprisingly, the whole process to form a club was quite easy. Most rules and requirements to sanction events we were practicing already. With the help of our Zone Director, Roy Rymer to walk us through the whole process, it was very painless.

"Our executive and members are looking forward to the rest of the outdoor 2017 season and wish all MAAC clubs a fun and successful season."

Thank you very much Abbey for your time and consideration to belong to the MAAC association! ✈





NORTHERN ONTARIO (F)



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Thirty or so years ago, Steve Dew donated a very nice trophy to be awarded on an annual basis to one of our zone members. Each year, the clubs in Zone F bid on a Fun Fly date to host the zone Fun Fly, where the trophy is awarded. This year, the Soo Club hosted the event.

This also turned out to be the first event in the zone this year since the Sudbury Fun Fly was rained out.

On the day of the event, we were greeted with bright sun, perfect temperatures, little wind and a very large turnout from across Northern Ontario. We were also pleased to have a few guests who made the trip from Southern Ontario. The field was in perfect condition thanks to the efforts of Peter Smith and his merry maintenance volunteers. These guys worked like galley slaves for weeks before the event.

Steve's original idea was to have an annual fun event which would bring the members of the zone to a common location to foster better communication. As we all know too well, with today's technology, communication has become instant, but the camaraderie of the gathered members is still looked forward to, every year.

Out-of-zone guests included Frank Klenk and Dennis Pratt from the SW zone (who donated two jugs of fuel.) Far travelled Jim Bisson also came up for the event. It was also great to see Andrew Coholic, who has been busy starting a family and a new business, who took the time to attend and startled the spectators with a smooth flight of his pure jet model. He hasn't lost any of his skills apparently.

Three judges were appointed, given the criteria, and asked to come up with the new winner of the trophy. This job is not easy as there were a number of pilots with their models in the running. The winner turned out to be Lee Prevost of Sudbury with his kit-built scale aerobatic model, which featured a really superb covering job and perfect detailing. Lee is a longtime MAAC member, has been a committee chair and has worked very hard over the years to promote competition at every opportunity.

To keep the value of the award fresh, we will form a committee whose members will be charged with updating the criteria for this award in future years. If you are interested in working with this group, just let me know.

The day finished with a very pleasant dinner at one of the Soo's many Italian restaurants. ✈



NORD DE L'ONTARIO (F)



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Voilà environ 30 ans, Steve Dew a fait don d'un bien beau trophée que l'on remeattrait annuellement à l'un des membres de notre zone. Aussi annuellement, les clubs au sein de la zone F soumettaient une proposition de devenir l'hôte du Fun-fly de la zone, moment au cours duquel ce trophée serait remis à quelqu'un. Cette année, le Club Soo (Sault-Sainte-Marie) a été désigné comme étant l'hôte. Cela s'est avéré le premier rassemblement de la zone cette année puisque que le Fun-fly de Sudbury a été contremandé en raison de la pluie.

Le jour de l'évènement, nous avons eu droit à un soleil resplendissant, un mercure bienveillant, peu de vent et beaucoup de participation de la part de modélistes du Nord. Nous avons aussi accueilli avec plaisir quelques modélistes en provenance du sud de la province. Le terrain était en parfait état grâce à Peter Smith et à sa joyeuse équipe de bénévoles affectés à son entretien. Ces gars-là ont travaillé d'arrache-pied pendant des semaines.

L'intention originale de monsieur Dew, c'était de présenter un rassemblement annuel qui encouragerait les membres de la zone à se réunir en un seul endroit, histoire d'encourager une meilleure communication. Comme nous le savons tous, la communication moderne est quasi-instantanée, mais un tel prétexte pour se

réunir développe bel et bien un esprit de camaraderie entre les membres du MAAC.

Parmi les modélistes de l'extérieur de la zone qui se sont déplacés, on comptait Frank Klenk et Dennis Pratt (zone Sud-ouest et qui ont fait don de deux bouteilles de carburant). Jim Bisson, un autre vétéran des déplacements, était aussi de la partie. Il m'a fait plaisir aussi de voir arriver Andrew Coholic, qui a maintenant une famille et une nouvelle entreprise; il a pris le temps de se déplacer et a étonné les spectateurs grâce à une démonstration très fluide de son jet. D'après ce que j'ai vu, il n'a rien perdu de son adresse aux manettes.

Trois juges ont été nommés afin d'appliquer les critères du trophée Dew et ont été chargés de désigner un récipiendaire. Ce n'était pas une tâche aisée puisque plusieurs pilotes et leur maquette respective méritaient une telle reconnaissance. Le gagnant : Lee Prevost de Sudbury et sa maquette acrobatique (un kit) qui avait un recouvrement superbe et dont la finition était très détaillée. Lee est membre de longue date du MAAC, a déjà été président de comité et a travaillé très fort ces dernières années afin de faire la promotion de la compétition.

Histoire de renouveler la valeur du prix Dew, nous créerons un comité dont les membres devront mettre à jour les critères. Si vous voulez œuvrer au sein de ce groupe, faites-moi signe.

La journée s'est terminée avec un souper très agréable à l'un des restaurants italiens de Sault-Sainte-Marie. ✈



Elkar Monsalve with his impressive jet... / Elkar Monsalve et son impressionnant jet...

VALLÉE DE L'OTTAWA (G)



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En mai dernier, le directeur adjoint de la zone Tim Miller et moi avons effectué notre pèlerinage habituel au rassemblement Joe Nall en Caroline du Sud. Comme d'habitude, nous y avons retrouvé bien des membres de la zone G.

Alors, qu'est-ce qui se cache derrière un nom? Qui était ce Joe Nall. Il était quelqu'un qui était passionné d'aviation et a été le premier maître de cérémonie de ce rassemblement avant même qu'il ne soit rebaptisé en sa mémoire. En bref, c'était un chic type qui est décédé trop tôt dans un accident d'avion.

Je me suis rendu récemment au rassemblement commémoratif Ed Rae au Club des Stetson Flyers et je me suis retrouvé à poser la même question. Qui était Ed Rae et pourquoi l'honore-t-on ainsi?

Ed Rae s'est enrôlé dans l'Aviation royale canadienne en 1943 alors qu'il n'avait que 18 ans. Il est devenu mitrailleur de queue à bord d'un bombardier Halifax. Son avion a été abattu vers la fin de la

guerre et Ed a été fait prisonnier de guerre à Barth (Allemagne). À sa libération, il est revenu à la maison et est devenu un dessinateur à la base aérienne de Rockliffe (banlieue d'Ottawa). Plus tard, il est devenu artiste de production au ministère des Affaires étrangères d'alors. Il a fait partie des personnes qui transcrivent le nom des soldats morts au combat pendant la Seconde Guerre mondiale dans le Livre du souvenir, dans la tour de la Paix au parlement d'Ottawa. Plus tard, il s'est beaucoup impliqué au sein d'un groupe international de prisonniers de guerre et il publiait un bulletin semi-annuel en plus de participer à de nombreuses réunions.

Ed Rae était très actif au sein des Stetson Flyers. Il était responsable de la production d'affiches pour le compte du club et s'exécutait aussitôt qu'on lui demandait. Il ne disait jamais non. Il produisait des pancartes de toutes les dimensions : en prévision d'expositions, petites ou grandes, notamment au musée. Il est devenu notre premier contractuel pour la tonte de la pelouse au terrain du club.

Ed était toujours prêt à donner un coup de main. Et il manquait rarement une réunion. Son parcours professionnel l'a conduit en design graphique. Il n'acceptait jamais d'argent en échange des pancartes qu'il produisait pour le club. Il a servi au

sein du Comité des Épreuves canadiennes du MAAC en 1987. En prévision de ce concours de taille, il a offert ses services (logo, pancartes, affiches, écussons, épinglettes, trophées)... environ 125 trophées. Il était un homme très généreux. Malheureusement, sa femme (Irene Rae) et lui ont trouvé la mort dans un accident de voiture, le 27 octobre 2001.

Il y a tant de membres qui rendent ce passe-temps sensationnel, de Joe Nall à Ed Rae... et bien sûr, une quantité de modélistes qui oeuvrent dans l'anonymat. Il est tout à fait approprié de reconnaître leur contribution respective.

Cette année, le *Fun-fly* annuel commémoratif Ed-Rae a eu lieu en mai et malgré le vent et le temps frais avoisinant les 10 degrés Celsius, le rassemblement a remporté beaucoup de succès. Quelque 25 pilotes s'y sont inscrits et les spectateurs étaient de la partie. Une fois de plus, la famille d'Ed et d'Irene était présente afin de perpétuer leur mémoire.

Nous avons vu évoluer plusieurs types d'aéronefs, d'hélicoptères et de drones. Nous avons aussi eu la chance de compter parmi nous cinq pilotes de jets spéciaux qui ont déchiré le ciel grâce aux tuyères et qui ont réchauffé l'atmosphère. Pendant le

suite à la page 19

OTTAWA VALLEY (G)



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This past May, Deputy Zone Director Tim Miller and I made our usual pilgrimage to the Joe Nall event in South Carolina. As usual, there were several Zone G members in attendance.

So... what's in a name? Who was Joe Nall? He was a person who was passionate about aviation and the original MC of the event before it was named after him. In short, a good guy who died before his time in a plane crash.

I recently attended the Ed Rae memorial event at the Stetsons Club and found myself asking the same question. Who was Ed Rae and why was he being honored?

Ed Rae joined the Air Force in 1943 when he was 18 years old. He was a rear gunner on a Halifax aircraft. He was shot down near the end of the war and became a prisoner of war in Barth, Germany. When he was released, he came home and became a draftsman at Rockcliffe Air Base. He later worked as a Production Artist for the Department of Foreign Affairs. He became a part of a group of people who transcribe names of fallen soldiers that had died during WWII, into the Book of Remembrance, which is in the Peace Tower at Parliament Hill. He later became quite active with a group of International Group of Prisoners of War, putting out a semi-annual newsletter and attending many reunions.

He was very active in the Stetson Flyers. He was responsible for producing signage for the club, whenever asked. He would never say no. That was large signs for displays, for small shows or displays at the museum. He was our first contractor, for cutting the grass at the field.

Ed was always available to help. Rarely did he miss a meeting. His career path led him to be a graphics designer. He would never take money for any signs that he produced for the club. He was on the Canadian MAAC Nationals Committee in 1987. For this major event, he provided his services (the event logo, signs, poster, crests, pins, trophies)... something like 125 trophies. He was a very generous man.

Unfortunately, both he and his wife (Irene Rae) died in a car accident on October 27, 2001.

There are many members who make this hobby so great, from Joe Nall to Ed Rae and everybody in between. It is fitting that we take time to recognize them for their contributions.

This year, the Ed Rae Memorial Fun Fly was held in May and despite the wind and the cool temperature of 10 degrees, the event was a success. There were 25 registered pilots and several spectators to enjoy the show. Ed's family once again attended to help honour his memory.

We had the opportunity to see several types of aircraft, helicopters and drones. We were also lucky to have five pilots with special jets who were burning up the skies and providing some needed heat. Lunch hour saw fantastic special demonstration

flights from Stetson pilots including Paulo De Sousa (3D Style) and beautiful flying demonstration by Scott Clarke. The People Choice Award trophy went to Elkar Monsalve and his beautiful jet.

I'd like to give special thanks to Hal Macdonald and Gerry Nadon for providing the information about Mr. Rae. ✈

VALLÉE DE L'OTTAWA

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dîner, des membres des Stetson Flyers, y compris Paulo De Souza (vol 3D) et Scott Clarke, ont offert un spectacle haut en couleurs. Le trophée du choix du public a été remis à Elkar Monsalves pour son magnifique jet.

Un merci particulier est de mise à l'endroit de Hal Macdonald et de Gerry Nadon; ils m'ont offert la documentation sur monsieur Rae. ✈



One the latest MAAC members is Mike Marr of the Brockville Club. He was presented with his wings last year and has definitely caught the bug. He has become the club secretary, flies a ton and is a bit of a glow engine fanatic. Mike is pictured posing with his new YAK and his grandson Simon who looks as happy about the new bird as Mike. I am sure we will see Simon at the field training, once he grows a few inches. / L'un des plus récents membres du MAAC, c'est Mike Marr, du Club de Brockville. On lui a offert ses « ailes » l'année dernière et il est assurément accro. Il est devenu le secrétaire du club, il pilote beaucoup et est devenu un peu fanatique des moteurs à bougie incandescentes (glow). On l'aperçoit ici avec son nouveau Yak et avec son petit-fils Simon, qui semble être tout aussi content du nouvel oiseau de son grand-père. Je crois que nous verrons Simon en formation au terrain aussitôt qu'il aura grandi de quelques pouces.

COLOMBIE-BRITANNIQUE CÔTIÈRE (H)



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ÉDITION 2017 DU VICTORIA'S LARGEST LITTLE AIRSHOW

Vous aurez la chance de venir observer et encourager le *Victoria's Largest Little Airshow* (édition 2017) du 4 au 6 août. Annuellement, les membres des Victoria Radio Control Modelers (VRCMS) et leurs conjointes investissent énormément d'heures afin d'organiser ce spectacle. Ces efforts – en plus de donner vie au meilleur spectacle de maquettes de l'Ouest canadien – ont pour résultat de récolter énormément d'argent afin de faire sourire les enfants à Noël par le biais des pères Noël anonymes. Si vous n'y êtes jamais allé, inscrivez cette date au calendrier; vous ne serez pas déçu! Consultez le lien <https://www.facebook.com/VictoriasLargestLittleAirshow/> afin d'en savoir davantage.

RÉUNION DE ZONE ET VENTE-ÉCHANGE

La Réunion annuelle de la zone côtière

Colombie-Britannique (H) se déroulera au Hall Sullivan à Surrey le dimanche 22 octobre 2016 à 13 h. L'inscription en prévision de la réunion débutera à midi et se terminera 55 minutes plus tard. Si vous avez des votes par procuration, veuillez les remettre aux personnes qui vous inscrivent le plus tôt possible. Le Hall Sullivan est situé au 6306 – 152^e rue à Surrey. Comme d'habitude, du café et des beignes seront offerts.

Cette année, nous organiserons la vente-échange (*Swap Meet*) avant l'assemblée de zone. La salle sera ouverte à 9 h en prévision de cette vente et celle-ci pourra se dérouler jusqu'à midi 30. Il n'y aura pas de ventes ou d'échanges pendant ou après la réunion! Si vous souhaitez quitter avant ladite réunion, vous devez retirer vos articles avant midi 30. Il ne vous en coûtera rien pour les tables. Tout ce que je demande, c'est que tout le monde donne un coup de main à disposer les tables et chaises avant les deux événements et d'aider à tout remiser par la suite.

LE FUN-FLY PRINTANIER DES PDQ FLYERS

On dit qu'une photo vaut mille mots. Eh bien, cette photo de Craig Macquarrie (MAAC 83768) assis au simulateur de vol des Parksville District Qualicum Flyers et de Barry Buryniuk (MAAC 13566) – son instructeur et qui tient l'émetteur – en est la preuve. Le simulateur est un don qu'ont reçu les PDQ Flyers il y a plusieurs années et il a toujours alimenté bien des conversations. Eh bien, lors du *Fun-fly* printanier du Club, cet objet est devenu la vedette. Il fonctionnait... assez bien. Il sera encore meilleur lorsque nous remplacerons la vieille boîte d'émetteur Kraft par une unité plus moderne.

Comme toujours, le *Fun-fly* comporte sa part de jasette, de plaisir et de camaraderie. La pratique de simulateur s'est bien déroulée. Malheureusement, la maquette qui y est liée a connu un sort funeste alors que son pilote la déplaçait et qu'elle est entrée en collision avec un cône de sécurité.

C'est tout pour l'instant. J'espère vous voir à quelque part à un moment donné cet été... ✈



Ross Donogh and his beautiful DHC-1 Art Scholl Super Chipmunk at the PDQ Flyers Spring Fun Fly. The 64-inch Goldberg Chipmunk kit is powered with a Saito .91 4 Stroke and weighs in at 8 lbs. / Ross Donogh et son magnifique DHC-1 Super Chipmunk (aux couleurs du regretté Art Scholl) lors du Fun-fly printanier des PDQ Flyers. Ce kit de Carl Goldberg Models (envergure de 64 pouces) est mû par un Saito .91 à quatre temps et pèse huit livres.

Photo: Bill Rollins



Craig Macquarrie getting flight instruction from Barry Buryniuk at the PDQ FLYERS Annual Spring Fun Fly. / Craig Macquarrie reçoit un brin d'instruction de la part de Barry Buryniuk lors du Fun-fly printanier des PDQ Flyers.

PHOTO: Bill Rollins



BRITISH COLUMBIA COASTAL (H)



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VICTORIA'S LARGEST LITTLE AIRSHOW 2017

August 4, 5 and 6 is your chance to come out and support 'Victoria's Largest Little Airshow 2017.' Every year, the guys from the Victoria Radio Control Modelers (VRCMS) and their wonderful wives work endless hours to put this show on. Their efforts, besides being the best model airshow in the West, raise a bunch of money to put smiles on children's faces at Christmas through Santas Anonymous. If you have never attended, mark the date on your calendar; you will not be disappointed! Check out <https://www.facebook.com/VictoriasLargestLittleAirshow/> for complete details on this event.

B.C. COASTAL ANNUAL ZONE MEETING / SWAP MEET

The 2017 BC Coastal (H) Annual Zone Meeting will be held at the Sullivan Hall in Surrey on Sunday October 22, 2017 at 1 p.m. sharp. Registration for the AZM will start at 12:00 noon and close at approximately 12:55

p.m. If you have proxies, please give them to the guys registering you in as early as possible. The Sullivan Hall is located at 6306-152nd Street Surrey, B.C. As usual, coffee and donuts will be provided.

This year, we will be running the Zone Swap Meet before the Annual Zone Meeting (AZM.) The hall will be open at 9:00 a.m. for the Swap Meet, which will run until 12:30 p.m. There will be no Swap Meet Activity going on during, or after, the Annual Zone Meeting! If you do not wish to stay for the meeting, you must remove your items before 12:30 p.m. There is no charge for tables for this event. All I ask is that everyone help with the table and chair set-up before the Swap Meet and AZM and to help put everything away and clean-up afterwards.

BEST EVENT AT THE PDQ FLYERS SPRING FUN FLY 2017

They say 'A picture says a thousand words!' Well, the picture in this zone report of Craig Macquarrie (MAAC 83768) sitting on the Parksville District Qualicum Flyers flight simulator and Barry Buryniuk (13566,) his flight instructor, holding the radio easily prove this to be true. The simulator was donated to the PDQ FLYERS many years ago and has always been a great conversation

piece. Well, at the 2017 PDQ FLYERS' Annual Spring Fun Fly, our conversation piece became the hit of our Fun Fly. It worked great! O.K., it worked well! It will be great once we refit the radio trainer box from the old Kraft radio to a modern radio footprint.

The Fun Fly was, as always, a lot of chit-chat, good fun and camaraderie. The flight simulator practice went off without a glitch. Unfortunately, the model met its demise while being taxied when it had an altercation with a red safety cone.

That's it for now, hope to see you somewhere, sometime this summer... ✈

PHOTO CAPTION

Brian Coolican's beautiful 1/3-scale Balsa USA Sopwith Pup. The model sports a 108-inch wingspan, 4428 sq in and weighs in at 35 lbs. It is powered by a Zenoah 80CC Twin. The model has been scaled after A.F. Bird's standard-built Sopwith Pup B1795 and fuselage code Z. (Photo: Bill Rollins) / Le superbe Sopwith Pup (un kit de Balsa USA) à l'échelle un tiers de Brian Coolican. Cette maquette possède une envergure de 108 pouces (pour une surface alaire de 4 428 pouces carrés) et pèse 35 livres. Un bicylindre Zenoah de 80 c.c. le motorise. La livrée reproduit l'appareil d'A.F. Bird (un Pup standard) B1795, code de fuselage Z. (Photo: Bill Rollins)

SAINT-LAURENT (J)



Steve Woloz - 7877L

Directeur de zone

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BIENVENUE AUX NOUVEAUX CLUBS

La zone Saint-Laurent souhaite la bienvenue à des clubs qui viennent de rejoindre les rangs de la famille du MAAC. Pour en savoir davantage sur les activités et l'emplacement de chacun, nous vous encourageons à consulter le site Web du MAAC. Pour votre information, si vous voulez regarder tous les clubs sur une carte au sein de la zone, vous n'avez qu'à vous rendre au site http://www.maac.ca/en/zones_map.php.

Club De Dronautique Les Dragons Du CSJV, Montréal
Club Mini-Rabel D'amos Inc., Amos
Cowansville RC Soaring Club, Cowansville
FPV Montreal, Montreal
Le Memphis Belle Mont-Laurier, Mont-Laurier
IFA, Saint-Rémi

ALLIANCE AVEC DES COURSEURS DE DRONES

Après des discussions en compagnie de Matthew Zoern et Ryan Stephan (fondateurs et leaders de la Canadian Federation for Drone Racing In Canada), il nous fait plaisir d'annoncer que le MAAC a conclu une alliance stratégique avec ce groupe de pointe qui regroupe des inconditionnels de la course par vol par immersion (First Person View ou FPV en anglais). Notre entente consiste à faire en sorte que tous les pilotes FPV membres de la CFDRRC soient encouragés à devenir membres du MAAC afin de bénéficier de la structure établie que notre organisme a développée au cours des années. Toutefois, le MAAC lui-même se tournera vers le regroupement de course afin de coucher sur papier des lignes directrices de sécurité qui encourageront la croissance ordonnée de nos deux communautés de modélistes. Nous avons bien hâte de constater que nous vivons de la croissance, tous les deux.

BEAU PROGRÈS AU COLLÈGE SAINT-JEAN-VIANNEY

Après un semestre assez intense au cours duquel un groupe a construit un drone dans l'atelier de l'école, des leaders en éducation et des instructeurs (dont Pierre Desrochers, Denis Noury et Denis Chennard) ont fondé le Club de Dronautique les Dragons du CSJV. Des membres du MAAC (dont Romain Brott, Ronald Houde, Jean-Guy Ouellet, Matthew Zoern et Steve Woloz, entre autres) ont accepté un rôle de mentor auprès du groupe. Sa raison d'être : un amalgame de volets, dont l'enseignement, la construction et le pilotage des maquettes multirotors au secondaire. Le couronnement de ce semestre, c'était d'organiser une course de multirotors sous le dôme de soccer de l'école. L'automne prochain, le nouveau groupe construira la prochaine génération de drones. Puisque le coût de l'équipement est élevé, les élèves rechercheront de l'aide financière afin de défrayer une portion de l'argent requis.

On pilote des drones à Côte-Saint-Luc

Le programme de pilotage de drones a aussi remporté beaucoup de succès à Côte-Saint-Luc, qu'offre exclusivement le Men's Club

de l'endroit. Ce n'est que sa deuxième année – conception de Jean-Guy Ouellet – et cette année, l'accent sera placé sur les aptitudes pratiques du pilotage. Steve Woloz dirigera le programme de six semaines et il se fera aider de Lorne Rodin sera complété fin juin, après que les élèves-pilotes aient réussi un test d'aptitude (théorie et pratique). Ces élèves de quelques semaines recevront un certificat spécial qui couronnera cet accomplissement.

VISITES ET RÉUNIONS DE CLUBS

Au cours des deux derniers mois, il m'a fait plaisir de m'arrêter chez de nombreux clubs dont Amidair, Crash, Napierville, IFA St-Rémi et Rigaud, MRCC, Lachute, MAVIP et WIMAC. Je me suis déplacé à des soirées de pub et j'ai accueilli des dirigeants du comité de direction de la zone à l'occasions de réunions. La saison est bel et bien entamée et elle est occupée! Mon but, c'est de rendre visite à autant de clubs que possible.

PROGRAMMES D'OBTENTION DES AILES

Nous encourageons tous les clubs qui comptent des instructeurs qualifiés à montrer aux nouveaux pilotes comment maîtriser cet art. À l'heure actuelle, le MAAC possède des programmes d'obtention des « ailes » pour aéronefs à voilure fixe (avions) et à voilure tournante (hélicoptères), ce dernier étant appelé BLADES. Mais il nous reste à documenter un programme axé sur les multirotors et le vol par immersion (First Person View ou FPV en anglais). Si quelqu'un veut s'essayer à rédiger les procédures, nous l'apprécierions beaucoup.

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Photo: TEBOR BERTALAN



Students in the Learn to Fly A Drone workshop (from Left to Right): David Haltrecht; Tibor Bertalan; Charles Eklove (piloting drone) Mark Fogel.

ST. LAWRENCE (J)



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WELCOME TO NEW CLUBS IN THE ZONE

The Saint-Lawrence zone welcomes some clubs which have just joined the MAAC family. To find out more about their activities and locations, we encourage you to visit the MAAC website. For your information, to view all clubs on a map within the Saint-Lawrence zone, you may go to the website http://www.maac.ca/en/zones_map.php.

Club De Dronautique Les Dragons Du CSJV, Montréal
Club Mini-Rabel D'amos Inc., Amos
Cowansville RC Soaring Club, Cowansville
FPV Montreal Montréal
Le Memphis Belle Mont-Laurier, Mont-Laurier
IFA, Saint-Rémi

MAAC STRATEGIC ALLIANCE WITH CFDR

Following numerous discussions with Matthew Zoern and Ryan Stephan, founders and leaders of the Canadian Federation for Drone Racing In Canada, we are pleased to announce that MAAC

has formed a strategic alliance with this leading edge group of FPV racing aficionados. Our agreement is that all FPV pilots who are members of the CFDR will be encouraged to join MAAC in order to benefit from the established structure that MAAC has developed over the years. Nonetheless, MAAC will look to the CFDR to carve out safe and secure operating guidelines that will allow an orderly growth in both our communities. We look forward to our mutual growth.

GREAT PROGRESS: COLLÈGE SAINT-JEAN-VIANNEY

Following the completion of an intensive semester of building a drone in the school workshop, the *Club de Dronautique les Dragons du CSJV* has been founded by the educational leaders and instructors including Pierre Desrochers, Denis Noury and Denis Chennard. The group has been mentored with the help of MAAC members including Romain Brott, Ronald Houde, Jean-Guy Ouellet, Matthew Zoern, and Steve Woloz to name a few. The *raison d'être* of this club is multi-faceted including teaching, building, and flying multi-rotor craft at the high school level. The crowning achievement for this semester has just occurred, which included a multi rotor race event held at the school's indoor soccer complex. For the fall season, the new group will be building the next generation of drones. Due to the

High equipment cost, the students will be looking for financial support to help offset a portion of the funds required.

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SASKATCHEWAN (K)



Jason Fraser and Jamie Skerten taking in some evening flying at Swift Wings RC Club. / Jason Fraser et Jamie Skerten profitent d'une soirée de vol au Club Swift Wings.



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Directeur de zone

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J'espère que tout le monde s'amuse beaucoup pendant cette saison de vol. La météo de ce printemps était fort capricieuse et avec un peu de chance, celle de cet été collaborera un peu plus.

Au moment où vous lirez ces lignes, la moitié des *Fun-flies* de la zone auront déjà eu lieu, mais il en restera d'autres. J'espère que vous avez eu l'occasion de rendre visite à d'autres clubs ou rassemblements, cet été. C'est ce que j'ai toujours aimé, me rendre aux autres clubs et aux *Fun-flies*. Ceux-ci rassemblent de vieux amis, de nouveaux et la meilleure partie, c'est de vérifier qui

fait voler quoi! Les clubs-hôtes aiment beaucoup voir arriver des visiteurs et voir de nouvelles maquettes, surtout lorsqu'un pilote doué est de la partie! N'ayez pas peur d'exhiber votre habileté!

J'aimerais attirer votre attention sur la soirée des nouveaux pilotes du Hub City Radio Control Club. Les membres organisent celle-ci le mercredi et invitent le public à venir vivre l'expérience du vol télécommandé grâce à des boîtes-écoles (les *buddy boxes*). Ces soirées remportent beaucoup de succès et ont attiré la curiosité des visiteurs. Nous tentons toujours de recruter de nouveaux membres et – compte tenu des nouveaux règlements ayant trait aux véhicules aériens non habités – c'est une bonne façon de procéder. Il se trouve plusieurs pilotes RC de loisir qui ne sont pas membres du MAAC et par conséquent, qui n'ont nulle part où faire voler leurs maquettes. Il faut trouver toutes sortes de façons de les attirer. Et cela ne nuirait pas de faire un peu de promotion locale!

CHANGEMENTS AU SEIN DE LA ZONE

Craig Ekstrand (Swift Current), our previous ZD, was elected as the President of MAAC! Congrats on your new position and we wish you all the best! I have taken on the ZD position, and Jamie Skerten (Swift Current), replaces me in the DZD position. Please keep in mind that nominations for both these positions are open, and an election will take place at the AZM which will be held at the Regina Windy Flyers Club in early October. So if you or someone else is interested in either of these positions, I'll be sending out a notification in August to get your nominations in.

Here's a little background on us.

JAMIE SKERTEN

Jamie est le président du club Swift Wings RC Flying Club à Swift Current. Il pilote des maquettes à voilure fixe depuis 2012 et a commencé à voler par vol par immersion (quadricoptères de course) depuis 2014. Ses disciplines préférées : le vol 3D et le style libre. Cette année, il pilote un Yak 54 d'une envergure de 91 pouces (d'Extreme Flight) doté d'un moteur de 60 c.c. Jamie est un pilote accompli et il a terminé son programme d'obtention des «ailes»; il détient maintenant la compétence nécessaire afin d'être instructeur.

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Ron Prokopchuk provides some new pilot instruction. / Ron Prokopchuk offre de l'instruction au pilotage.



SASKATCHEWAN (K)



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I hope everyone is having an enjoyable flying season, the spring weather was a little all over the place so hopefully, the summer weather cooperates a little more.

By the time you read this, half of the Fun Flys in our zone have already taken place, but there a few more to come. I hope you've taken the opportunity to visit a few other clubs/events this summer. I've always enjoyed visiting other clubs and Fun Flys. These events are always a great combination of seeing old friends, making new ones, and the best part... checking out what everyone else is flying! The clubs hosting the events really enjoy it when outside people attend and they get to see some new flying and different models, especially when a more advanced pilot attends! So don't be afraid to show off your skills!

One event I'd like to mention, is the 'New Pilot Instruction' event hosted by the Hub City Radio Control Club. They hold it every Wednesday night and invite the public to come experience what the hobby is all about through buddy boxes. It has

been very successful and generates some interest from the public. We're always trying to recruit new members, and with the new regulations for recreational unmanned aircraft, this is a good way to do it. There are many recreational RC pilots out there who aren't MAAC members with no place to fly, and any way we can grab their attention is worth looking into. A little local advertising could go a long way!

CHANGES IN THE ZONE

Craig Ekstrand (Swift Current), our previous ZD, was elected as the President of MAAC! Congrats on your new position and we wish you all the best! I have taken on the ZD position, and Jamie Skerten (Swift Current), replaces me in the DZD position. Please keep in mind that nominations for both these positions are open, and an election will take place at the AZM which will be held at the Regina Windy Flyers Club in early October. So if you or someone else is interested in either of these positions, I'll be sending out a notification in August to get your nominations in.

Here's a little background on us.

JAMIE SKERTEN

Jamie is the president of the Swift Wings

RC Flying Club in Swift Current. He's been flying fixed wing since 2012 and started flying FPV race quads in 2014. His favourite flying disciplines are 3D flying and freestyle. This year, he is flying a 91" Extreme Flight Yak 54 on a 60 c.c. motor. Jamie is a very accomplished pilot and he's completed the Wings program and now holds his instructor level.

DEREK SCHULTZ

I've been flying RC models since 2004, focusing mainly on 3D helicopters and some electric 3D planes. More recently, I started flying FPV race quads as well. I joined the Hub City Radio Control club in 2006 when I got my first large nitro heli. In 2011, I built my first multirotor and have been hooked ever since. Cinematography is my main hobby, and being able to mix it with RC is quite fun. Over the last ten years, I've attended many Fun Flys in Albera, Saskatchewan and Manitoba, and have made the trip down to the IRCHA heli jamboree three times. Going to Fun Flys is my favourite part of the RC hobby!

Have a look at the upcoming events, and hopefully I'll see you at a few of them! Fly safely and have fun. ✈

SUD EST (L)



James Daly - 14323L

Directeur de zone

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par Michael Rogozinsky

LA SAISON DE VOL EST ARRIVÉE... ENFIN, PRESQUE!

Le mois de mai 2017 a comporté sa part de défis si l'on voulait faire évoluer une maquette, ici dans la zone L. Soit il pleuvait fort, soit il ventait beaucoup... parfois les deux en même temps! Nous profitons de la moindre percée de beau temps et nous avons déployé tout ce qu'il fallait au sein de notre passe-temps! Bien que nous ayons vécu bien peu de journées langoureuses de vols détendus au terrain jusqu'à maintenant, je peux dire que l'activité a repris. Voici quelques événements dont on m'a parlé.

ELECTRIC FORMULA ONE

Ken Fluney, des Orangeville R/C Flyers, organise une série de courses EF1 (Electric Formula One). La plus récente s'est déroulée le 28 mai et des pilotes de divers clubs ont sein de la zone y ont pris part. Il s'agit de courses de maquettes électriques très rapides qui atteignent les 100 milles à l'heure. Elles volent selon un patron triangulaire autour des pilotes qui, eux, portent de l'équipement de sécurité; les observateurs s'assurent que le circuit est respecté. C'est une activité excitante mais certainement pas pour ceux qui n'aiment pas les émotions fortes. Cory Paine a remporté cet événement et d'autres courses en sont au stade de planification.

BEETON FLOAT FLY

Un Float-fly qui était planifié par les Beeton RC Flyers a été annulé en raison de travaux de rénovation au terrain de vol. Un groupe de modélistes du Grand Toronto ont concocté un plan de rechange. Ils ont organisé un Float-fly électrique (tout de même parrainé par le MAAC) à l'intérieur des limites de la ville. Des membres d'autres clubs se sont rassemblés et ont profité d'un rare après-midi chaud et ensoleillé (avec légère brise) pour effectuer des vols depuis le terrain de camping Indian Line, près de la route 427 et de Finch (Ontario).

Ce terrain de camping se trouve près d'un réservoir de bonne dimension et on y trouve suffisamment d'espace riverain pour accueillir plusieurs pilotes et leur équipement. Le club-hôte (TEMAC) a coordonné le Float-fly et a fourni une embarcation de récupération; elle a servi à l'occasion. Une imposante sélection de maquettes – des ultra-micros aux copies volantes ont effectué des vols sensationnels. L'événement a remporté du succès en plusieurs volets et les organisateurs espèrent revenir au même endroit.

PARTAGER NOTRE PASSE-TEMPS

Plusieurs des aptitudes qu'acquière les modélistes ont une grande valeur pour d'autres. Ce qui est très valorisant, c'est de partager notre passe-temps au sein de la communauté. Frank Van Beuren, un vétéran des Bramalea RC Flyers, passe beaucoup de temps à enseigner aux étudiants du programme d'aéronautique de l'Université Ryerson; ces jeunes gens ont entrepris des projets de vol télécommandé afin de soulever des charges, d'exécuter du vol autonome et de faire évoluer un quadricoptère autonome. Sous la supervision de Frank, un des étudiants, Alton Yeung a « cartographié » plusieurs de ses vols du 2 juin 2017.

JOURNÉE DES JETS AU TEMAC

Le Toronto Electric Model Aviation Club a organisé une journée des jets, le 20 mai. Le temps était froid et venteux mais cela n'a pas découragé des pilotes enthousiastes

de s'amuser. Ils ont passé tout l'après-midi à effectuer des vols très rapides. Des cris et des applaudissements ont accueilli chaque atterrissage réussi.

Finalement, voici une note de notre directeur de zone, Jim Daley :

ÉLECTION DU DIRECTEUR DE ZONE

«Le poste de directeur de zone sera en lice lors de l'Assemblée annuelle de la zone Sud-est, en octobre prochain. Nous rechercherons des candidats puisque je ne me représenterai pas. Mon nouvel emploi est de plus en plus exigeant et je ne crois pas que je sers les membres de la zone comme ils le méritent. Je n'ai pas réussi à visiter plusieurs clubs et je n'ai pas eu l'occasion de traiter de leurs préoccupations au sujet du MAAC. J'invite quiconque qui souhaiterait se présenter à me soumettre un curriculum vitae et une lettre de présentation. Ces documents doivent me parvenir dans les 30 jours précédant l'Assemblée annuelle de la zone.

« J'ai aimé être votre directeur de zone, mais je n'ai plus le temps d'être efficace, ce que les membres méritent. Je vous remercie tous de votre confiance et de votre appui. »

Personnellement, je crois que Jim effectuait du bien bon travail puisque les choses roulaient rondement au sein de la zone. Je le remercie du travail et du temps qu'il y a consacré.

Le bon vieil adage : une photo vaut mille mots. Histoire de pallier à ce compte-rendu peut-être un peu trop court, veuillez admirer les photos suivantes. ✈



Greg Hazelton's four-engine ducted fan jet Airbus 380 slowly lifting off the runway. / L'Airbus A-380 quadrimoteur de Greg Hazelton s'élève doucement de la piste.

SOUTH EAST (L)



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Zone Director

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by Michael Rogozinsky

FLYING SEASON IS HERE WELL, SORT OF!

May 2017 has been a challenging month to find good flying weather in zone L. It's either been raining heavily or it was very windy, or both. Any slight break in the weather has been taken advantage of, and every effort at enjoying the hobby was exploited! Although there really haven't been any really long days of leisurely flying at the fields so far this season, activity has picked up. Here are a few things I've been made aware of.

ELECTRIC FORMULA ONE

Ken Fluney of the Orangeville R/C Flyers organizes a series of EF1 (Electric Formula One) races. The latest race was on May 28th, and flyers from various zone clubs participated. These are races of high speed electric models that fly in excess of 100 miles per hour. They are flown in a triangular pattern around the pilots/flyers who wear protective gear for safety, and with callers and spotters to make sure that the flying pattern is followed. This is an exciting activity, but not for the faint of heart. Cory Paine was the winner of that event, and more races are being planned.

BEETON FLOAT FLY

A Float Fly planned by the Beeton RC Flyers had to be cancelled due to renovation work being done at the flying location, so a group of GTA model pilots put together a back-up plan. A quickly organized but still MAAC-sanctioned (electric -quiet) Float Fly was held within the city limits of Toronto. Members of various zone clubs met up and enjoyed a rare warm, sunny and light-wind afternoon to fly off the water at the Indian Line Campground, near Highway 427 and Finch.

The campground offers a good-sized reservoir, and ample space along the water edge to support a number of flyers and their equipment. The hosting club (TEMAC) scheduled the Float Fly, and supplied a retrieval boat, which was needed from time to time. There were many terrific flights of



Computer generated flight path image of the Ryerson University plane at TEMAC. / Une image numérique de la trajectoire de vol de l'avion de l'Université Ryerson, lors d'une séance du TEMAC.

a wide range of models, from ultra-micro ARFs to large scratch-built scale models. The event was successful in many respects, and plans are being made for more flying at this location.

SHARING THE HOBBY

Many of the skills that hobby enthusiasts enjoy are of great values to others. Sharing with the community is often a very rewarding aspect of the hobby. Frank Van Beuren, long-time member of the Bramalea RC Flyers has been spending a lot of time teaching and helping students of Ryerson University's Aeronautics group, in their projects with radio control flight involving heavy lift, autonomous flight, autonomous quadcopter, etc. Under Frank's supervision, Ryerson student Alton Yeung 'mapped' several of his flights, from June 2, 2017.

TEMAC JETS DAY

The Toronto Electric Model Aviation Club held a Jets Day on May 20th. It was cold and windy but that couldn't stop a bunch of enthusiastic model pilots from having fun. That was a great afternoon of fast flying. Every successful landing was greeted by cheers and applause.

Finally, a note from our Zone Director, Jim Daley:

ZONE DIRECTOR ELECTIONS

«At the upcoming South East Annual Zone Meeting in October, the position of Zone Director is up for election. We will be looking for nominees for the position as I will not be seeking re-election. My new job has been increasingly demanding and I do not feel I have been serving the membership of our zone to the level you deserve. I have not been able to visit many clubs nor have I had the time to address any concerns you may have regarding MAAC. I invite anyone interested in running for the position to submit a résumé and cover letter to me. Résumés and letters will be accepted up to 30 days prior to the Annual Zone Meeting.

"I have enjoyed being your Zone Director, but I no longer have the time to be the effective Zone Director that the membership deserves. I thank all of you for your confidence and support.»

Personally, I think Jim did a great job, as things have been running smoothly in the zone. I thank him for his work and time.

The old saying is that a photo is worth a thousand words, so I hope the attached images make up for the brevity of this report. ✈



A few TEMAC members looking happy after enjoying flying their jets. / Quelques membres du Club TEMAC sont heureux après avoir fait voler leurs jets.



Glenn Nikoliako of Toronto out at Orangeville for some challenging Electric Formula One racing. / Glenn Nikoliako (de Toronto) s'est déplacé à Orangeville afin de participer aux course d'Electric Formula One.



Michael Rogozinsky's large Mirage ducted fan jet on a fast pass. / L'imposant jet Mirage de Michael Rogozinsky effectue une passe rapide.



Above: Allan Biggerstaff of the E-Zone Hespeler Model Aviators came to Toronto to fly electric models off the water with some of his long-time flying friends. / Allan Biggerstaff, des Hespeler Model Aviators (au sein de la zone E) est venu à Toronto afin de piloter des maquettes électriques à partir d'un plan d'eau en compagnie de plusieurs amis de longue date.

Left: Indian Line Campground in Toronto; a terrific location for float flying. / Le terrain de camping Indian Line de Toronto; endroit de rêve pour le vol d'hydravions.



Gerry Steckling of the Radio Control Flying Club of Toronto and the Seeton Valley RCMC, after a good flight from the water at the Indian Line Campground in Toronto. / Gerry Steckling (Radio Control Flying Club de Toronto et du Seeton Valley RCMC) se réjouit d'un bon vol sur l'eau au terrain de camping Indian Line de Toronto.



A beautiful pass of a scratch-built, electric powered Canadair CL water bomber at a Float Fly by long-time past-President of the EMFSO, Robert Pike. / Robert Pike (ancien président de l'EMFSO) effectue une passe à l'aide de son bombardier d'eau Canadair CL de construction artisanale pendant un Float-fly.

SUD OUEST (M)



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FACEBOOK

Facebook est une façon exceptionnelle de demeurer en contact avec les autres, de partager des histoires, des photos et de rire avec des amis et la famille. Marian et moi l'aimons beaucoup et je m'y plais. Selon les paramètres que vous choisissez, des lecteurs de partout dans le monde peuvent visionner vos affichages et vos photos. Nous avons ouvert la page Facebook de la zone Sud-ouest (Ontario) au monde entier de sorte à ce que n'importe qui puisse la visionner. J'aime bien ça. Lorsque je me déplacerai à des rassemblements, je prendrai des photos et je les afficherai sur ce médium. Faites-en donc même; c'est une excellente visibilité pour votre club et pour notre passe-temps.

J'adore l'été. Assurez-vous de vous déplacer à des événements puisque des bénévoles y ont travaillé d'arrache-pied afin de rendre votre passage agréable. Lorsque vous y participez (ou que vous êtes spectateur), lancez l'application Facebook, cliquez sur le lien «check in» en haut de la page; cela reliera l'emplacement du club où vous vous êtes rendu, de sorte à ce que quiconque passe dans le secteur verra ce qui se passe sur place.

ARTIE LOBSINGER

par Gary Rahn, ami de longue date

«Artie Lobsinger s'est éteint en avril 2017. Il était membre fondateur des Saugeen R/C Flyers et est demeuré membre pendant 51 ans. Il s'est enrôlé au sein de la Royal Canadian Air Force en 1939 et a survécu à 19 missions au-dessus de l'Europe en sa qualité de mitrailleur de queue à bord d'un bombardier Lancaster. Il est demeuré membre de sa succursale locale de la Légion royale canadienne pendant 71 ans. Dans la vie civile, il était un ajusteur d'assurance.

«Artie a œuvré au sein de plusieurs postes au club et a enseigné à plusieurs élèves-pilotes. Il a *entrepris son époque de pilotage à l'aide d'un émetteur à une seule voie et comme nous tous, ses maquettes se sont écrasées et il les a réparées. Lorsqu'il affectionnait particulièrement un avion, il en assemblait plusieurs. Il a piloté son planeur jusqu'à l'automne dernier.*

«Plusieurs de ses collègues pilotes de maquettes se sont rendus à ses funérailles depuis Toronto et les environs. Nous allons nous ennuyer de lui. Un jour, nous volerons une fois de plus ensemble... et Artie, ne perdez pas votre planeur de vue.»

RAPPORT DU DIRECTEUR ADJOINT

Des nouvelles de Peter Doupnik, notre directeur adjoint de la zone :

«À mesure que je traverse la décennie de la cinquantaine, je m'aperçois que mes préférences de modélisme se modifient. Je n'ai plus autant envie de voler vite ou d'exécuter de l'acrobatie en trois dimensions; je fais maintenant évoluer des maquettes plus grosses qui les rendent plus faciles à voir. Et celles-ci volent de façon plus réaliste... et j'apprécie ces caractéristiques de vol.

«L'envers de la médaille, c'est que ces plus grosses maquettes exigent une remorque plus grosse et un bon assistant. Je me suis procuré une remorque de 5 X 10 pieds au nez en V doté d'une ligne de toit allongée, si bien que je peux me tenir debout à l'intérieur. Or, cette remorque rentre encore dans mon garage. Et étonnamment, mon économie d'essence à bord de mon véhicule n'a pas changé.

«La saison a été lancée lorsque j'ai veillé sur le stand du MAAC pendant trois jours à l'exposition de Toledo. Plus de 220 visiteurs ont signé notre livre de courtoisie et ont ajouté des commentaires élogieux. Ce salon est encore l'un de mes préférés. C'est chouette de revoir de vieux amis et de voir les nouveautés. Plusieurs spéciaux étaient offerts, surtout le dimanche.

«En mai, je me suis rendu au deuxième rassemblement annuel Jet Frost Rally qu'organisait Bob Bennett pendant trois jours et dont les hôtes étaient les Sky Harbour Modelers de Goderich. Cinq nouveaux jets ont effectué leur vol inaugural. Plusieurs pilotes expérimentés étaient disponibles afin de répondre aux questions.

«L'aéroport de Goderich demeure l'une de mes destinations préférées. Pas étonnant que le Fun-fly de la zone (du 17 au 20 août 2017) y soit présenté. Si on jette un coup d'œil aux événements présentés au sein de la zone (sur le site Web du MAAC), 20 sont présentement répertoriés et ils représentent tous les volets de notre passe-temps. Essayez de vous rendre à certains d'entre eux afin d'appuyer le travail des bénévoles. J'espère que votre été sera passionnant!» ✈

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SOUTH WEST (M)



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FACEBOOK

Facebook is a great way to stay in touch, share stories, pictures and have a few laughs with friends and family. Marian and I really enjoy it. Depending on the settings that you have chosen, people from the entire world could see your posts and pictures. We have opened the Southwest Zone Facebook page to the entire world, everyone can see it. I like that. Any events that I attend, I will be taking some pictures and posting them up. Please go ahead and do the same; it's great exposure for your club and our hobby.

I love the summer. Be sure to get out and attend some events as many volunteers have worked hard to make your visit to their flying field a pleasure. When you attend an event, open Facebook, click on the "Check in" link at the top of the page; this will link your club location or the club you are visiting, so anyone who may be in the area will see what is going on at the event location.

ARTIE LOBSINGER

by lifelong friend Gary Rahn

"Artie Lobsinger passed away in April 2017. He was a founding member of the Saugeen R/C Flyers, a member of 51 years. He joined the Royal Canadian Air Force in 1939 and survived 19 missions over Europe as a tail gunner in a Lancaster bomber and was a 71-year member of the local Legion. In civilian life, he was an insurance adjuster.

"He served many positions in the club, teaching many to fly. He began flying with a single-channel transmitter and like the rest of us, crashed and repaired. When he was fond of a particular plane, he would build several. He was flying his sailplane right up to the fall of 2016.

"His funeral was attended by many RC friends coming from Toronto and area. He will be missed. Someday, we will fly together again, don't lose sight of your glider."

DEPUTY ZONE DIRECTOR REPORT

Now let's hear from Peter Doupnik, our Deputy Director:

"As I progress through my 50s, I come to realize that my modeling preferences are changing. The need for speed or 3D aerobatics are being replaced by larger models which in turn makes them easier to see. They tend to fly more realistically, which is something I have come to appreciate.

"The downside to flying larger models is the need for a bigger trailer and a good helper. I ended up buying a 5 x 10 V nose trailer with an extended roof line so I can stand up inside. This trailer will still fit inside my garage. Interestingly, my fuel economy did not change when I upgraded from the 5 x 8 trailer.

"The season was started by manning the MAAC booth for three days at the Toledo RC Expo. We had over 220 visitors sign our guest book with appreciative comments. This show is still one of my favorites. It's nice to see old friends and check out the new items. Many great deals were on hand, especially on Sunday.

"In May, I attended the second annual three-day Jet Frost Rally that was organized by Bob Bennett and hosted by the Sky Harbour Modelers in Goderich. Five new jets were successfully test flown. A lot of experienced help was available to answer any questions.

"Goderich airport is still one of my favourite flying destinations. No wonder the zone Fun Fly (August 17-20, 2017) is held at this location. Looking at our zone on the MAAC website, there are currently 20 events listed representing all areas of interest. Try to make it to some of the events to help support the hard-working volunteers. Hope your summer is great!" ✈



Artie Lobsinger, at 94, from the Saugeen RC Flyers, working on his Calypso. / Artie Lobsinger (94 ans), membre des Saugeen RC Flyers, s'affaire à son Calypso.

MOONEY BUILD

By Randy Curts

Many years ago as a model builder I would identify an aircraft to build in the Fall season, build through the Winter and fly it the following year. As time moved on with the introduction of ARF's certainly simplified or removed the build season to assembly only.

I have always enjoyed the nostalgia/classic RC pattern models of many years ago. The models were competitive with many different designs to choose from. I wanted to return to the build table and started my search for just the right pattern model.

My search lead me to Jerry Nelson's, Mooney/Mark 21 Semi Scale 70.5" wing span RC pattern model published in the American Modeler Magazine May 1968. The model was reported to fly excellently, easy to build with excellent contest record. What also attracted me to the model was the semi scale design looking like a miniature light aircraft (totally uncharacteristic in appearance with the other competitive models for the time such as the Kwik-Fli, Taurus, etc.).

(One of the best parts of the storey was, I contacted AMA to discover that Jerry Nelson was still active as an AMA member. Through AMA I contacted Jerry and made a new friendship with many discussions about the Mooney and further large scale model aircraft he is still designing.)

I purchased the original American Modeler Magazine from E-Bay

and then sourced out the building plan from Outerzone.

I started to acquire the wood and hardware needed for the build and found it rather challenging to locate everything I needed. I quickly found out that building materials weren't as available as they were 50 years ago from the local hobby store....

The plan was very accurate and easy to follow with some personal modifications.

The original Mooney used an Enya 60 engine. Although I had an Enya 60 III NIB I elected to use a more modern OS 50 SX which has proved to be a little power house in the Mooney.

The model was covered and finished with a combination of nitrate dope, butyrate dope, Sig Koverall, silk span, primer, base coat, graphics then poly urethane clear coat.

The Mooney flies just as Jerry Nelson said it did 50 years ago. It is an excellent performer with no bad tendencies. It handles the wind exceptionally well and flies slightly nose high, therefore producing a good rate of descent.

It was a lot of fun returning to the building table.

Having a model that flies well, yet looks like something real has given me great pleasure and satisfaction both on the ground and in the air.

(The Mooney registration C-GBAX was inspired by my flying buddy Baxter (Boston Terrier) who's always happy to be at the field). ✈



Inset Top: A copy of the May 1968 edition of the American Modeler Magazine purchased by Randy Curts on E-Bay. He used the magazine and build instructions to construct his version.

Above: Randy Curts' framed Mooney/Mark 21 Semi Scale model pictured mid-build prior to covering.

Left: Jerry Nelson with his original Mooney/Mark 32 Semi Scale Model with a 70.5" wing span.



Above: The under carriage of the Mooney/Mark 21 Semi Scale model after the landing gear is installed.

Left: The covered the model is taking shape.

Below: The first coat of paint after the final cover is completed.





Top left and right: The finished Mooney/Mark 21 Semi Scale model sits waiting for flight.

Middle left: Ready for take off, the Mooney/Mark 21 Semi-Scale model revs up the engines to take flight.

Middle right: The Mooney flies just as Jerry Nelson said it did 50 years ago.

Right: Coming in for a smooth landing.



A-10 WARTHOG



Jean Tardiff sends us photos from his recent A-10 Warthog build. The model is built from scratch and has a 75" wingspan and 71" overall length.

Jean powers the model with two electric TJ-100mm fans driven by 700-68/1680 kv Typhoon motors on 10s-5000 LiPo batteries.

Constructed with conventional balsa and ply construction on the wings and tail, the A-10 is covered with solartex and nitrate dope and is finished with automotive paint. The fiberglass fuselage was built as a project in conjunction with Mike Beaulieu.







2017 SPACE MODEL WORLDS



The launch sites arranged by Junior competitors to the left and Seniors to the right. Each country had a dedicated launch area. The group of tents in the foreground housed the model check-in staff

Peter W. Cook (MAAC 82140)

The 2016 World Space Modelling Championships (WSMC) was held near Lviv, Ukraine from August 22-30, 2016 and was sanctioned by the Fédération Aéronautique Internationale (FAI).

The meet was hosted by: the Federation of Aeronautical Sports in Ukraine, the Spacemodelling Sport Federation of Ukraine, and Noosphere Ventures USA Inc.

Taras Tataryn, from Mississauga, served on the three person FAI Contest Jury along with Yuriy Hapon (Ukraine) and Jury President Gerhard Woebeking (Germany).

TEAM CANADA

The Canadian Senior team members were:

Team Manager and Competitor: Peter Cook from Burlington, Ontario, Saverio Prato from Toronto, Ontario, and Helper/Supporter Lucy Prato from Toronto, Ontario.

There were no Junior Canadian Members.

This was Saverio's first World Space Modelling Championship and Peter Cook's third championship having competed in the 1980 and 2012 meets. Saverio and Peter competed in the S3A, S4A, S6A and S9A events declining entry in the S5C, S7 and S8E/P events. Saverio planned to compete in the S2/P and S1B events; however, last minute model/engine problems regrettably caused him to withdraw from these events.

CHALLENGES TO OVERCOME

The competition would be tough as the European teams had already competed in over 10 meets in 2016 prior to the WSMC - plenty of time to test and refine their models. We had just the one FAI meet (Can Am Cup) in North America.

Virtually every other team had more members than us with helpers to assist with thermal detection, model spotting and recovery. The larger teams could afford to enable one team member to concentrate and fly in only one event. We had to prepare to compete in at least four events each.

Another major issue was our lack of access to European engines during the year, combined with the fact we could not transport

the engines available in Canada to the meet and there would be no supply of these engines there. We had to use the European engines which we are not familiar with, so we had to build models which could only be truly test flown a few days before the contest started.

On the positive side, the European engines are smaller, lighter and more powerful than the engines we use in Canada and for this reason, we looked forward to flying with them. We gained some experience working with them in the 2012 WSMC. Realistically though, four years had passed since we last used them, and there was no guarantee that what we learned then would still apply.

The most recent WSMC Canada had attended was in 2012. And with the four year absence from competition we were a little out of touch with the state of the art models.

CAN AM CUP

The 2016 Can Am Cup in Muskegon, Michigan, was the only FAI competition scheduled for North America before the WSMC. Saverio, Taras, and Peter all attended this meet. Taras volunteered to help on the jury while Peter was his alternate on the jury for the S2/P event so that Taras could compete.

While our standings were not as high as we wanted, the meet provided a good opportunity to test our models and gain more flying experience.

CAN AM CUP LESSONS LEARNED

After the Can Am Cup, we had a general feel for what worked but more importantly what did not work! To fix what did not work well, we needed to look at the following areas:

- higher performing S9A gyrocopter blades.
- Higher performing "euro" S4A models with DT's.
- We need to record each flight result on our own, in the event that a recording error occurs and our standing is affected.
- We need to ensure that the timers have binoculars to track our models.
- Model recovery is an ongoing problem. We need tools to help with this critical area because we cannot afford to lose any Round 1 model. The big problem is establishing and keeping a line of sight to the model when you are walking to recover the model. A GPS based tool should be investigated.

INTERNATIONAL PARTICIPATION

A total of 84 Junior and 128 Senior competitors from 19 countries attended the meet. Teams from Japan and Germany declined to attend based on the fears arising from the recent hostilities in the Eastern region of the Ukraine. There were no Russian Junior and Senior teams in attendance probably due to the ongoing disputes between these countries.

ACCOMMODATIONS

The main venues for the meet were the Premier Hotel Dnister in Lviv, where we stayed, and the Warsaw Hotel outside Lviv but closer to the launch range. All meetings and static scale judging were performed in the Premier Hotel Dnister. The accommodations and food were very good.

LAUNCH RANGE



The Premier Hotel Dnister was within walking distance of many interesting sights in Lviv.

The launch range was located approximately 14 km north from downtown Lviv. The range was 800 x 1400 m and generally flat and grassed. A few water filled ditches crossed the field. Small, marked bridges were provided to cross these ditches.

A village was located to the north of the field. Small farms were located along the south boundary of the field. The areas to the East and West of the range were very open. Unfortunately the predominant wind during the contest was towards the farms to the south.

Local citizens were advised of the contest and were very helpful to point out where models landed on or near their properties.

DAILY CONTESTANT TRANSPORTATION

The organizer provided police escorted bus transportation from the hotels to the field each morning and back each evening. The bus trip was typically 25 minutes in length. Local bus transportation was provided every hour in order for citizens of Lviv to attend the meet.

LAUNCH SITES

Countries were assigned launch sites alphabetically. The Canadian launch site was number 3 between the very prepared Bulgarian and Chinese teams. Each country had to provide its own launch systems - firing control systems, launch towers etc.

Based on our 2012 WSMC experience we also brought a small battery pack with us for our firing system. We confirmed with the organizer that 12 volt power would be provided at the launch site,

but it was useful to use during our testing sessions.

Final preparation of models can only be performed at each country's launch area. This involves obtaining an engine that has been certified from a locked box at our launch site under the watch of our timers.

The timers marked-up the engines, and then handed it to us. We then took the engine and installed it in a model. The engines in the locked box have been tested by contest staff to verify a sample of each countries engines meet FAI mandated performance standards.

TEAM TENT

This tent afforded us shelter from the elements. An ample number of tables and chairs were provided for us. A large water bottle was provided within each tent. Water was replenished every few hours. The tent was a great shelter to initially prep our models e.g. pack parachutes out of the wind and otherwise relax.



OTHER FACILITIES

Besides the extensive launching facilities, the site was well equipped containing venues to purchase reasonably priced and good food and beverages. Portable washrooms were also handy on site. There were play areas for kids on site as well!

There were roving cameramen everyday on the field. What they were recording was displayed on a large screen on the field. This was



One of the roving video cameramen films the Team Canada launch site in action. Saverio Prato connects the ignitors in his S4A model to our launch system while Peter Cook loads an engine into his S4A model to launch next.

very unique feature and allowed everyone to see activities on up close and personal. Images were also uploaded for viewing online via 2016 WSMC web page.

MODEL SUPPLIES

We sourced most of our model supplies from Rocket Craft Masters (RCM) in Russia, although some parts were sourced from Apogee Components in USA.

Saverio flew RCM S3A, S6A, S4A, S9A models. Engine tube sections were sized for 10 mm European engines.

Peter fabricated his models from RCM parts e.g. body tubes, nose cones, carbon fibre fuselages and Apogee nose cones. The engine tube sections in his models were sized for the 13 mm Estes engines used in North America. He fabricated engine adapters to fit the engines securely in the larger tube sections. The models were based on designs flown in 2013 and 2015 Capital Cups, and 2016 Can Am Cup.

Our models were powered exclusively by Zenit engines manufactured in the Ukraine.

MODEL AND EQUIPMENT TRANSPORT

We shipped virtually all our models and supplies in a fiberglass golf bag container. A foam board model compartment was fitted into the container. As we loaded in a model we filled around it with styrofoam pop-corn chips. No model damage occurred during shipment to and from the meet! Fully loaded, the container weighed 21 kg.

PRE-CONTEST MODEL TESTING DAY

The organizers reserved Monday and Tuesday for competitors to test and practice fly models on the competition launch range. We chose to drive to the field and perform our testing on the Sunday. The field was virtually empty and the weather was good.

Saverio and Peter also test flew S6A models using the Ukrainian Zenit A-1-5 engines. Model performance was average. Our testing indicated that the ejection charge strength of the Zenit engines was more than adequate - a big change from the 2012 engines which required additional ejection charge powder to work properly.

Saverio almost lost one of this S6A models as it drifted into the houses down range from the field. We did not want to risk losing our models and decided to call it a day after verifying our launch systems, S6A models and recovery devices were working properly.

Saverio and Peter closed out the afternoon by trimming their S4A models.

ENGINE AND MODEL TESTING

Each country had to submit their inventory of engines to be used in the contest to organizers. All of these engines are then impounded by the organizer and kept under lock and key to prevent tampering. A sample of these engines were tested to verify they perform according to engine standards e.g. total impulse. We used the Ukrainian Zenit engines exclusively during the contest and they performed perfectly for us during the contest.

To round out the day, a brief meeting of Team Managers was conducted in the evening. There was discussion about launch range obstacles, what to do if your model drifts onto someone's property etc.

EVENT S2/P - CONTEST DAY 1 - MORNING

S2/P is a precision altitude and flight time event in which an

egg must be flown and recovered undamaged. This is an Open International FAI event. We had hoped that the American Team could transport the engines for us, but at the last minute Estes Industries indicated that it would not release the engines for shipment and we therefore could not compete in this event.

EVENT S8E/P - CONTEST DAY 1 - AFTERNOON

S8E/P is a duration and precision landing event in which a radio controlled model is flown by the competitor. The model can only remain aloft for 360 seconds and must land in the centre of a 10 meter circle on the ground for maximum points.

We did not compete in this event.

The S8E/P Senior Gold medal was won by Maris Brakovskis of Latvia with a total score of 3998 points after one flyoff.

EVENT S6A - CONTEST DAY 2 - MORNING

S6A is a duration event using a streamer as the sole recovery device. This was the first event of the competition for us.



Peter Cook's S6A models and streamer package ready for the trip to the WSMC.

When we arrived at our designated launch area, we found no electrical power was supplied at the launch site in spite of the organizer's indication that 12 volt power would be provided. From our 2012 WSMC experience, we came prepared packing a small battery pack. Three rounds were scheduled and flown. Each round lasted 1.5 hours.

Saverio and Peter flew in this event, using very similar models using Ukrainian Zenit A-1-5 engines.

Saverio managed three qualified flights ending the contest with a good finish, while Peter could only manage one qualified flight. Peter's S6A model performed flawlessly during testing but during the event his model's 28 pound test Kevlar shock cords kept breaking.

The bottom line is there is no substitute for testing the very models and engines to be used in a contest. In the case of European based contests, this can only be done a day or two before the contest. This is a very big problem for us.

S6A Results	Flt 1	Flt 2	Flt 3	Standing
Saverio Prato	76	58	139	34
Peter Cook	DQ	DQ	49	50

The S6A Senior Gold medal was won by Mariya Somleva of Bulgaria with a total time of 479 seconds.

EVENT S4A - CONTEST DAY 2 - AFTERNOON

S4A is a duration event using glide recovery. Three rounds were scheduled and flown. Each round lasted 1.5 hours. Saverio and Peter flew in this event. We flew flop-wing, scissor wing models using Ukrainian Zenit A-2-4 engines.

In Round 1, Saverio's model failed to deploy one its wing tips and the model was DQed due to no glide. This problem was corrected in the following flights with stronger elastic band actuators and he succeeded in attaining a max in the final round. Unfortunately the model caught a good thermal and the model was lost.

Peter managed three qualified flights. His overall performance in this event was the best he had attained since the 2012 WSMC. While glide trim could have been improved, the boost trajectories of Peter's model was not always straight and vertical, resulting in the loss of altitude before the wings deployed. His models probably started glide mode at about half the altitude of the winning models.

Even though the flight time was well under a max, Peter Cook lost his model in Round 3. Although the model did not land far away from the launch site, it could not be located in the deep grass downrange.

S4A Results	Flt 1	Flt 2	Flt 3	Standing
Peter Cook	86	97	81	40
Saverio Prato	DQ	112	180	35

The S4A Senior Gold medal was won by Kiryl Zhabravets of Bulgaria with a total time of 540 seconds.



Close-up views of Peter Cook's S4A models. The wings fold and swing 90 degrees during engine boost. The 13 mm to 10 mm engine adapters used to mate the 10 mm diameter European engines into the 13 mm engine pod are also shown.

S3A - CONTEST DAY 3 - MORNING

Three rounds were scheduled and flown. Each round lasted 1.5 hours. Saverio and Peter flew very similar models in this event. We flew models using the Ukrainian Zenit A-1-4 and A-1.5-4 engines. Based on S6A problems, Peter Cook revised the model's Kevlar shock cord adding an elastic bungee to help absorb the ejection charge force. We flew models with smaller parachutes in Round 1 to guarantee we could fly larger parachutes in Rounds 2 and 3 and not worry about an resultant loss of our models.

In Round 2, Saverio's parachute failed to open and his flight was disqualified. In Round 1, Peter's model flew with a 700 mm parachute. While the flight time was average, there were no model failures. After changing out the parachute to 1000 mm one, the shock cord on Peter Cook's model broke in Round 2 and again in

Round 3. When observing the models flight, the ejection of the parachute was more explosive than noticed in previous S3A flights. Again the major change from North American flying was the engine, but Saverio Prato's model had no similar issues so it was a perplexing problem.

S3A Results	Flt 1	Flt 2	Flt 3	Standing
Peter Cook	108	0	0	50
Saverio Prato	126	DQ	182	45

The S3A Senior Gold medal was won by Miodrag Cipic of Serbia with a total time of 1763 seconds after two fly-offs.

EVENT S1B - CONTEST DAY 3 - AFTERNOON

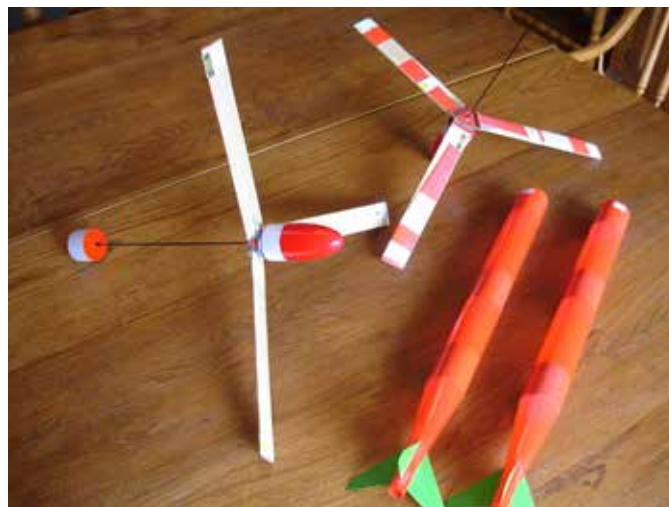
S1B is an altitude event with competitors ranked by highest altitude attained by their models in one of three eligible flights. Model peak altitude was measured using an electronic altimeter in accordance with FAI Sporting Code Section 4 Volume SM paragraph 4.9.2.1. All competitors flew the Polish ADREL ALT-USB altimeter. A refundable 60 Euro charge was levied to use these altimeters during the event. This amount would not be refunded if the altimeter was damaged.

Saverio Prato planned on competing in this event. Unfortunately, the engines he planned to use in the upper stage were about 1-1.5 mm too large in diameter. We tried to sand the interior of the engine tube enough to accommodate the engines but failed. Chalk this up to our lack of familiarity with the European engines.

The S1B Senior Gold medal was won by Robert Kreutz of the USA with a best flight of 753 metres.

EVENT S9A - CONTEST DAY 4 - MORNING

S9A is a duration event using a gyrocopter recovery device. We flew models using the Ukrainian Zenit A-2-4 and A-1.5-4 engines.



Peter Cook's S9A models. The blades are folded for loading into the carrier rocket body for launch. The blades and hinges were re-engineered versions based on his 2016 Can Am Cup experience.

Saverio performed well obtaining a max in Round 2 but losing his model in the process. For Round 3, he would fly the model he damaged in Round 1. Unfortunately the carbon fibre hub tube broke at the worse possible location and the tube again broke at the repair during in his Round 3 flight. His model separated into two pieces - a disqualification. This was very unfortunate as even a repeat of his first flight would have placed him in the top twenty.

Peter fabricated new gyrocopter units with improved hinges and blade design based on his 2016 Can Am Cup experience. In Round 1, the force of the ejection charge was so strong it caused the engine hook's double loop to completely unravel. His model separated into two pieces - a disqualification. After increasing the number of loops, the music wire hook broke during his Round 2 flight. His model separated into two pieces - a disqualification.

The bungee line in the shock cord could not absorb the force of the ejection charge, and the rapid stop as the line reached full extension over stressed and damaged a blade hinge. It could not be repaired in time to fly in Round 3.

S9A Results	Flt 1	Flt 2	Flt 3	Standing
Peter Cook	DQ	DQ	NF	51
Saverio Prato	118	180	DQ	31

The S9A Senior Gold medal was won by Stefan Stefanov of Bulgaria with a total score of 721 seconds after one flyoff.

SSC - CONTEST DAY 4 - AFTERNOON

S5C is an altitude event with competitors ranked by highest altitude attained by their scale models in one of three eligible flights. This event is a combination of S1 and S7.

We did not compete in this event.

The S5C Senior Gold medal was won by Matt Steele of the USA with a total score of 862 points (Static Points: 402 - Best Altitude: 460 metres). He flew a model of the Black Brant IV.

EVENT S7 - CONTEST DAY 5

S7 is a scale modelling event. Models had been statically judged for scale prior to this date. The flying portion of the S7 event was scheduled this day.

We did not compete in this event.

The flying portion of this event was quite a show with most models separating into 2-3 stages to gain maximum flight difficulty points. There were few disqualifications, mainly due to the failure of one of many small parachutes or streamers to unfurl. We did notice a little inconsistency with the DQ's as some model parts did land without a deployed recovery device and were not DQed.

The S7 Senior Gold medal was won by Jan Sebesta of the Czech Republic with a total score of 756 points (Static Points: 516 - Flight Points: 240).

CIAM SPACE MODEL COMMITTEE MEETING

A CIAM Space Models Sub Committee meeting was held during the evening. There was some discussion concerning Scale judging rules and developing a new event which could be held at a future Dubai World Air Games.

JURY RESPONSIBILITIES - TARAS TATARYN

Taras Tataryn served on the Contest Jury. This is a very important contest role. Taras really wanted to compete in this World Championships, but when asked to help on the Jury, he gladly agreed. He would have been a third member on our team and he would no doubt have improved our standings.

There were a few issues that arose during the contest which required the jury's decision to resolve. He was very helpful in resolving issues related to poor or unclear translation of rules from the working language. Although he was on the Jury the CD asked for Taras' assistance in translating to Ukrainian due to the inability of the official translators to find the appropriate rocketry terminology, the same was true with the Chinese interpreter, who spoke excellent

Ukrainian but was at a loss for terminology.

CLOSING COMMENTS

To Saverio's credit, he had moments of good flying, and considering this was his first World Championships in which he competed, it speaks well for his future contest activities.

No matter how well built and sophisticated your models are, competing at such the World level meet requires a great deal of flying experience to debug models, pick optimal flying conditions and so forth. It's hard for a small team like ours to compete on the same ground with the much larger, well honed international teams.

Not being able to test our models with the European engines in Canada is a very big impediment. We are faced with this very big learning curve when we arrive, and we often feel that once the contest is over we have figure out all the bugs and are now ready to truly compete - wishful thinking indeed.

Peter picked up a cold perhaps from a bug on the plane. The cold combined with his allergies affected his physical and mental performance.

Congratulations to all the winners and to all the meet organizers for a well managed event. We had a excellent time!!

We would like to extend our thanks to MAAC for its financial assistance of the team. The continuing support of MAAC would be most welcomed to advance the sport of Space Modelling in Canada.

The next World Championships is scheduled for 2018 in Poland. There is tentative talk of two FAI Sanctioned contest in North America in 2017; namely the Can Am Cup - July 29-30, Muskegan, Michigan, USA, and the Capital Cup - Manassas, Virginia, USA.

Our standings will no doubt change when the contest year is finished. The good news is that even with just attending one contest this year we are not near or at the bottom of the rankings! If we can build on our experience, and prevent disqualified flights, I think we could dramatically improve our rankings.

WSMC LESSONS LEARNED

- Every effort should be made to test fly models before the competition.
- Always have two models ready per event.
- Bring at least two complete launch systems including electrical controllers, batteries, battery charger, launch rods, towers, stands.
- If provided, obtain the 12 volt battery as soon as possible - don't wait until you need it.
- Need to investigate reliable ignitors and installation techniques for European engines. Perhaps a plug and fire ignitor could be developed to improve ignition reliability especially with piston launchers.
- Use photo/video more to capture launches - e.g. track launch and boost for engine failures. We forgot to take a team picture!
- Follow models with binoculars until touchdown to ensure recovery.
- Verify what engines we ordered and compare to what we received.
- Order low power engines e.g. 1/2A's for testing purposes on days when winds are high.
- Use GPS to help locate and recover models.
- Somehow obtain "Euro" engines for training usage in Canada e.g. glider trimming, ejection charge force.
- Need to improve thermal detection capability
- Have our own stopwatches to time our models.
- Install beepers on models to aid recovery.

- Investigate elastic fishing line or other material for shock cords.
- Launch controllers need audible continuity check and automatic safety shut off to prevent battery drain.
- Ensure every flier and recovery crew member has a walkie-talkie at all times.
- My Space Model Work Management system spreadsheet was helpful to manage my work items and schedules.
- Bring basic medicine for headaches and colds, and gum to help with ear popping when flying.
- Consider going on somewhat of a physical training program before the contest to build stamina and strength. These meets are very stressful and you need to be physically and mentally prepared for it.
- Consider attending the 2017 European Space Modelling Championships in Poland to train (on the same field) for the 2018 WSMC in Poland.

S3A

- Need to develop and practice reliable parachute packing techniques. Parachute to open as soon as ejected.
- Need stronger shock cord system, 28# Kevlar too weak for Zenit ejection charge.
- Need to use alternate Shock cord / Body Tube attachment method. I noticed some separation of the fin to which the shock cord was attached on my S3A model.
- Piston use is optional.
- Use Zenit A-1.5-4.
- Investigate new sources of parachute material.
- Pre-check parachutes for rips and holes.
- Ideally work with European engines to find best ejection charge for the event.

S4A

- Use A-2-3 motors, but need to test using A-1.5-3. A-2-4 is OK for light models.
- Reduce weight to no more than 25 grams.
- Engine pods should be sized for 10 mm engines to reduce weight.
- Ensure boost trajectories are straight and vertical - no arcing allowed!
- Ensure wings are deployed at apogee.
- Investigate other DT timers rather than burning fuses to better deal with ignitor failures
- Investigate wing tip hinge material.
- Reduce engine thrust line offset.
- Have a good supply of elastic bands, and replace after each flight. Keep the bands out of the sun to ensure minimal elasticity.

S6A

- Need to improve streamer "technology" to increase drag and durations
- Use wider (and longer) streamers >150 mm
- Need to fly models off piston augmented tower launchers
- Zenit A-1.5-4 or A-1.5-5 engines are good but we need to ideally work with European engines to find best engine for the event.

S1B

- Need to become familiar with ADREL altimeters, data reduction and model installation.
- Need to test with piston launcher.
- Verify engine fitment as casing swelling can be a problem.

S9A

- Need stronger, more shock absorbent cord.
- Use 2 elastic bands per hinge.
- Blade bearings seem to offer performance improvement.
- Investigate better main and tip hinge materials and fastening methods.
- Need to test with piston launcher.
- Zenit A-1.5-4 or A-1.5-5 engines are good but we need to ideally work with European engines to find best engine for the event.

SKILLS GAINED

- We made a Canadian presence happen again!
- Building Euro S4A models
- Building Euro S9A models
- Familiarity with Euro engine performance e.g. ejection charge strength
- Euro ignitor prepping
- FAI launch process
- Working as a team
- More familiarity with current FAI based space modelling models, flying, etc.
- Do not assume anything
- Ask those questions that should be asked e.g. where is our battery?
- If you think you have tested enough, test some more.



Lucy and Saverio Prato prepping Saverio Prato's S6A model ready for flight. After taking this picture, Lucy took up a position down range to recover Saverio's model

LIFETIME ACHIEVEMENT

by Roger Ganley

I can't think of a more pleasant duty as Zone Director than handing out or presenting an award to a MAAC member on behalf of the Model Aeronautics Association of Canada.

On May 6, at the Central Alberta Radio Fun Flyers' auction in Sylvan Lake, I had the honour and the privilege of presenting former Alberta Zone Director Ron Simonson, MAAC #2854L, with the Lifetime Achievement Award. And what a worthy recipient of this award Ron is! Deputy Zone Director Brad Cleland was right up there on stage with me when the presentation was made. Looking on was a large hall filled with buyers and sellers, many of whom have known Ron for years.

I've known Ron for 35 years and he has always been the consummate gentleman and avid promoter of the hobby. Over the years, Ron's involvement with MAAC has included the position of Zone Director for two different terms, totalling eight years. Ron's enjoyment of the hobby has been made evident by his participation in and his membership in clubs in both Edmonton and Red Deer. For years, he could be seen coming out to the CARFF flying field in his trusty van. He also had a small utility trailer which faithfully followed him behind his van to dozens of flying sites throughout Alberta and into British Columbia as well.

I believe it was 1984 when Ron, who was Alberta's Zone Director at the time, came to Leduc and attended one of our first meetings as a MAAC-registered club. I remember Ron as one who always had time to talk to anyone, young or old, model airplane enthusiast or not. His knowledge of the hobby is incredible, and he's always been so generous when it comes to sharing that knowledge. He has what I would describe as a passion for flight.

Thank you Ron, not just for what you have contributed to the hobby, but also for being a mentor to myself and a few others I know of, for sure! I look forward to seeing you in the future, whether it be at the CARFF flying field, at Penhold during the indoor flying season, or at another auction. It has been both an honour and a pleasure to have presented to you, on MAAC's behalf, the Lifetime Achievement Award. Nothing but blue and calm skies to you Ron!

P.S. Please allow me to take this opportunity to thank CARFF members John Ferguson, Vince Mulhall and Brad Cleland for their assistance in making this happen. Not to be left out are all members of CARFF. Please keep up the good work and I look forward to seeing many of you in the coming months. ✈️



ACCOMPLISSEMENT D'UNE VIE

par Roger Ganley

Je n'ose imaginer une tâche plus agréable en ma qualité de directeur de zone que de remettre un prix à un membre au nom des Modélistes aéronautiques associés du Canada.

Le 6 mai lors de la vente aux enchères de des Central Alberta Fun Flyers de Sylvan Lake, j'ai vécu l'honneur et le privilège

de présenter le Prix de l'accomplissement d'une vie à l'ancien directeur de la zone, Ron Simonson (MAAC 2854L). Et il le mérite! Le directeur adjoint de zone Brad Cleland était sur scène avec moi pour l'occasion. Une salle comble de modélistes – plusieurs connaissent Ron depuis des années – a observé la scène.

Je connais Ron depuis 35 ans et il est demeuré l'éternel gentleman et grand promoteur de notre passe-temps. Au fil des années, son implication au sein du MAAC a inclus la direction de la zone (deux mandats pour un total de huit ans). Le plaisir qu'il ressentait pour notre

passe-temps était visible de par sa participation aux activités et son adhésion à des clubs tant à Edmonton qu'à Red Deer. Pendant des années, on le voyait arriver au terrain de vol du CARFF au volant de sa fidèle fourgonnette. Une remorque utilitaire l'a aussi suivi jusqu'à des douzaines de terrains de vol en Alberta et en Colombie-Britannique.

Je crois que c'est en 1984 que Ron – alors directeur de la zone – est arrivé à Leduc et a pris part à l'une de nos premières réunions tandis que nous venions de recevoir notre inscription au MAAC. Je me souviens de Ron comme étant quelqu'un qui prenait toujours le temps de parler à tout le monde – jeunes et vieux – modélistes ou non. Sa connaissance de notre passe-temps est incroyable et il l'a toujours partagée avec générosité. Il est animé de ce que j'appellerais la passion du vol.

Merci Ron, non seulement pour votre contribution au passe-temps, mais aussi parce que vous avez été un mentor pour moi et bien d'autres! J'ai hâte de vous revoir, que ce soit au terrain du Club CARFF, à Penhold pendant la saison de vol intérieur ou à une autre vente aux enchères. C'était un honneur et un plaisir de vous avoir présenté le Prix de l'accomplissement d'une vie au nom du MAAC. Je ne vous souhaite rien d'autre que des ciels bleus et calmes, Ron!

N.B. : Permettez-moi de remercier les membres du Club CARFF John Ferguson, Vince Mulhall et Brad Cleland pour l'aide qui a rendu cette soirée possible. Merci aussi aux membres du Club. Poursuivez le travail et j'ai hâte de voir plusieurs d'entre vous au cours des prochains mois. ✈️

OPTERRA REVIEW



By Mark Betuzzi

In January of 2017, I purchased a 2 meter flying wing called an Opterra sold and distributed by Horizon Hobby. For a long time, I had been looking for a flying wing. The ads convinced me to purchase this item. I purchased the Bind and Fly version so all I needed to purchase to get it flying was a 2200 - 3300 MAH 3S lithium polymer battery. The wing came equipped with a Spektrum 635A receiver which is equipped with AS3X stabilization.

As with any ARF, I gave the OPTERRA a thorough check over. There were only a couple of items that needed attention, mainly the prop nut was a little loose and needed to be tightened. I checked over the preprogramming of the receiver to ensure it was working properly.

For the first flight, the battery was installed, and the Centre of gravity was reviewed. The range checks and fail safes were verified and working correctly. The radio transmitter was put into the Launch mode, and the flight stabilization is now in operation. A slight hand toss with 3/4 power and the OPTERRA headed straight out and gradually climbed. In AS3X mode, banking angles are limited, and letting go of the sticks, the Opterra returns to level flight. Experimenting with the regular flying mode and AS3X produced some very interesting results. On the maiden flight day, the winds were howling and gusting with the windsock straight out. In AS3X mode, the OPTERRA flies straight and level like it's tied to an invisible rail in the skies. We placed the Opterra in regular mode and at the top of the loop when upside down, we put the

radio transmitter into AS3X. The Opterra promptly righted itself and continued to fly straight and level. It's an amazing machine with a wide speed envelope and it glides and glides when the power is shut off.

This flying machine lives up to all the ads and promotions, it is lots of fun to fly. I will be equipping this flying wing with First Person View equipment and I'm looking forward to trying that. Prescription lenses are now available for most F.P.V. goggles which is a bonus for those of us wearing prescription glasses. ✈



GREAT HOBBIES

TechOne Hobby

TechOne Hobby offers high performance foam airframes for outrageous power to weight ratio. We think every pilot will enjoy flying these quality aircraft kits. Find more at greathobbies.com

Extra 800 EPP ARF

- 10mm EPP Foam Construction
- 10A ESC Included
- AS2204 KV1700 Motor Included
- 8g Servos included
- Req. 2S 400mAh-500mAh LiPo



Wingspan: 31.5in · Length: 34.5in · Weight: 185-200g

TCH0701010 — Extra 800 EPP ARF

FPV Wing EPP PNP

- EPP Foam Construction
- 11g Servos Included
- F80 KV2500 Motor Included
- F45A ESC Included
- Req. 4S 1500-2200mAh LiPo



Wingspan: 35.43in · Length: 12.13in · Weight: 630-670g

TCH0704006 — FPV Wing 900 EPP PNP

Ninjato EPO ARF

- EPO Foam Construction
- 9g Metal Gear Servos
- 2216 kv1250 Brushless Motor
- For 3S 1300mAh LiPo



Wingspan: 38.58in · Length: 39.4in · Weight: 550g

TCH0880012 Ninjato EPO

Thunder180 EPS ARF

- Carbon reinforced Molded Foam
- Indoor 3D for medium or advanced pilots
- Extreme torsional rigidity
- ESC, motor & servos included



Wingspan: 35.4in · Length: 38.4in · Weight: 249g

TCH0880010 — Thunder180 900mm ARF

Metis F3P ARF

- 6A ESC included
- AS2204 KV1700 Motor Included
- 5.5g Servos included
- Req. 2S 250-350mAh LiPo



Wingspan: 35.4in · Length: 37.4in · Weight: 140-150g

TCH0703003 — Metis F3P ARF

Popwing 900 ARF

- Ideal for beginners
- 8A ESC included
- AS2208 KV1260 motor included
- 8g servos included
- Requires 800-1200mAh 20C LiPo



Wingspan: 35.4in · Length: 22.6in · Weight: 300-350g

TCH0704001G — Popwing 900 ARF Green

TCH0704001B — Popwing 900 ARF Black

SU29 EPP ARF

- 10mm EPP Foam Construction
- Lightweight and durable
- ESC, motor & servos included
- For 2S 400mAh-500mAh LiPo



Wingspan: 31.5in · Length: 33.1in · Weight: 180g-190g

TCH0701005 — SU29 EPP 840mm ARF

Malibu III EPP

- 10mm EPP Foam Construction
- Fun for both indoor and outdoor
- Lightweight and durable
- ESC, motor & servos included
- For 2S 400mAh-500mAh LiPo



Wingspan: 31.5in · Weight: 160-190g

TCH0701007 — Malibu III EPP 840mm ARF

Katana EPO PNP

- Molded EPO Foam Construction
- 30A ESC Included
- AS2216 1250KV Motor Included
- 10g Servos Included
- Req. 3S 1000mAh-1300mAh 20C LiPo



Wingspan: 39.4in · Length: 42.1in · Weight: 570-620g

TCH08300B — Katana EPO PNP Blue

TCH08300R — Katana EPO PNP Red

DLG-1000 ARF

- Discus-launch style glider
- EPO Foam construction
- Easy to assemble
- 3A BEC, included
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Wingspan: 39.2in · Length: 32in · Weight: 199g

TCH0880009 — ARF w/3A UBEC/3.6g Servos

Sbach342 EPP ARF

- Lightweight 10mm EPP Foam
- Lightweight and durable
- ESC, motor & servos included
- For 2S 400mAh-500mAh LiPo



Wingspan: 31.5in · Length: 33.9 · Weight: 180-195g

TCH0701006 — Sbach342 EPP 860mm ARF

Venus EPO ARF

- Molded EPO Foam Construction
- ESC, motor & servos included
- For 2S 400-600mAh LiPo



Wingspan: 32.6in · Length: 38.2in · Weight: 210-250g

TCH08100R — Venus EPO 970mm ARF Red

TCH08100B — Venus EPO 970mm ARF Blue

TCH08100Y — Venus EPO 970mm ARF Yellow

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35cc 3700-3900W 12S	EXFXPR35CC	T3910/820KV	EXFXPRT3910
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Wingspan: 29.13in · Length: 22.05in · Weight: 146g · Battery Included: Two 1S 3.7V 500mAh

Micro F-22 Raptor RTF

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- DSM2 Compatible Rx



TWGF2201AM2 — Micro F-22 Raptor RTF w/Travel Case White
TWGF2201BM2 — Micro F-22 Raptor RTF w/Travel Case Orange
TWGF2201CM2 — Micro F-22 Raptor RTF w/Travel Case Grey

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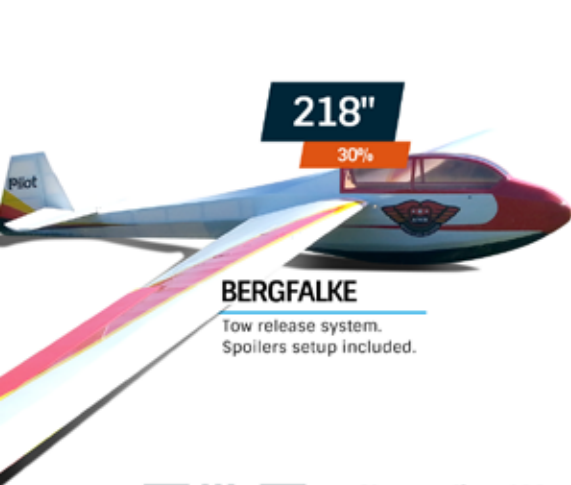


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Model Aviation
CANADA

COMITÉ DE TRANSPORT DE CANADA

Rodger Williams

Chef de Comité

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C'est ma première chronique à titre de président du Comité de Transports Canada et tandis que nous attendons l'ébauche des nouveaux règlements, j'aimerais traiter de certains détails entourant l'Ordre par intérim de sorte à ce que tout le monde qui s'interroge encore puisse examiner les options. Le plus important à retenir, c'est que Transports Canada contrôle à tout moment l'espace aérien au-dessus du sol... à deux pouces comme à 500 pieds. Et c'est l'espace aérien dans lequel nous évoluons.

LE POURQUOI DE L'ORDRE

L'Ordre par intérim qui régit l'utilisation (à des fins de loisir) des systèmes aériens non habités a été mis en vigueur en raison des rapports de drones qui évoluaient autour des aéroports, rapports qui émanaient des pilotes d'aéronefs à l'échelle réelle. Le ministère était d'avis que l'Ordre était nécessaire afin d'aider à contrôler les activités de drones parce que plusieurs dirigeants étaient d'avis que ces machines constituaient une menace. Jusqu'à un certain point, cette affirmation est correcte, mais nous savons que si les pilotes de drone utilisent le gros bon sens, le problème n'est pas aussi important que certains le prétendent.

LA SITUATION PARTICULIÈRE DU MAAC

Le MAAC et ses membres se sont vu accorder une exemption des conditions de cet Ordre en raison de la solide structure de lignes directrices et de règlements en matière de sécurité que nous avons instaurés pour nos plus de 350 clubs et parce que 13 directeurs de zone s'assurent que vous avez un endroit où faire voler vos maquette, chacun de ces endroits qui répond à nos règlements. En nous accordant cette exemption, Transports Canada nous dit qu'il nous fait confiance afin que nous puissions maintenir un critère de sécurité pour le bien de notre communauté de même que pour celui de ceux qui évoluent en aviation à l'échelle réelle.

CE QU'ON PEUT COMPRENDRE

L'Ordre par intérim affecte tous les pilotes de drones de loisir, à l'exception des membres du MAAC qui pilotent une machine lors d'un événement ou d'un terrain (que parraine le MAAC). Nous pouvons aider nos membres à profiter de leur passe-temps, comme toujours, de quelques façons. Le MAAC peut donner un coup de main relativement aux champs suivants :

- * reconnaître les nouveaux terrains pour clubs existants;
- * homologuer (parrainer) les nouveaux clubs;
- * dans les cas extrêmes, reconnaître les terrains particuliers

Pour les membres qui ne sont pas situés près d'un club.

En d'autres mots : Si vous voulez faire voler ne maquette sur votre terrain privé ou à l'aide de flotteurs à votre chalet, vous devez être

membre en règle du MAAC et alors, nous voulons que vous puissiez travailler avec un club voisin afin d'inscrire votre emplacement de vol à titre de terrain secondaire de ce club. Autre option : créer un nouveau club (minimum de trois membres) et faire en sorte que le directeur de zone homologue (parraine) votre club et votre terrain de vol de sorte à ce qu'ils tombent sous la juridiction du MAAC. Et finalement, si rien de cela ne fonctionne, communiquez avec votre directeur de zone et examinez les autres options.

*vol à moins de 9 km d'un aérodrome.

L'Ordre par intérim élimine à toutes fins pratiques tout vol à moins de 9 km d'un aérodrome. Une fois de plus, ceci ne s'applique pas aux membres du MAAC qui font voler un appareil lors d'événements parrainés ou à des terrains. Toutefois, les membres doivent suivre nos lignes directrices actuelles et règlements de vol à proximité d'aéroports. Nos règlements comportent encore des restrictions mais la plupart du temps, on peut en traiter grâce à des réunions entre les clubs et la direction de l'aéroport, ce qui nous permettra de piloter des maquettes à de telles installations ou à proximité.

Toutefois, nous sommes toujours subordonnés à toute activité des pilotes d'aéronefs à l'échelle réelle et on pourrait fort bien nous demander de ne pas vol à certains moments précis ou compte tenu de conditions particulières.

CLUBS EXISTANTS

Puisque plusieurs pilotes de « drones » recherchent un endroit où voler, plusieurs clubs actuels en ressentent l'impact. Nous comprenons les défis et nous travaillons de concert avec les dirigeants de club afin de faciliter l'adaptation. En certain cas, les clubs comptent un nouveau type de membre voulant s'inscrire au club; certains nouveaux membres veulent aussi ajouter des terrains, de nouvelles installations qui nécessiteront de la surveillance ou de la gouvernance. Si nous accueillons à bras ouverts ces nouveaux membres et que nous élargissons la vision des clubs, nous aiderons non seulement ces nouveaux venus, mais aussi le passe-temps en général.

L'APPROCHE DU MAAC À PARTIR DE MAINTENANT

L'approche du MAAC, c'est de travailler de sorte à protéger le vol (sécuritaire) de maquettes d'aéronefs à des fins de loisir pour les modélistes responsables, qu'ils soient membres d'un organisme d'aéromodélisme ou non. Le MAAC continuera d'offrir un équilibre en s'assurant que des lignes directrices raisonnables, des règlements et une gouvernance rendront nos membres redevables (responsables) envers la sécurité en aviation.

Jusqu'à ce que les nouveaux règlements soient finalisés, il se pourrait que les modélistes trouvent que leur univers soit un peu nébuleux. Si vous n'êtes pas certains où vous pouvez faire voler vos maquettes, veuillez communiquer avec votre directeur de zone ou le siège du MAAC avant même qu'une de vos maquettes ne prenne la voie des airs. ✈

Rodger Williams

Committee Chair

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This is my first article as Chairman of the Transport Canada Committee and while we are waiting for the draft of the new regulations to appear, I would like to go over some of the details of the Interim Order again so everyone who still has some lingering questions can review their options. Probably the most important thing to remember is that Transport Canada is always in control of the airspace above the ground. Whether it is two inches or 500 feet... and this is the airspace that we fly in.

WHY THE INTERIM ORDER CAME TO BE

The Interim Order governing recreational use of Unmanned Air Systems was implemented due to all of the sightings and reports of drones around airports coming from full-size pilots. The ministry felt that the order was necessary to help control the drone activity as many officials felt that they are a hazard. To some degree, this is correct but we know that when drone pilots use common sense, then the problem is nowhere as big as some think.

MAAC'S CARVE OUT

MAAC and its members have been given an exemption from the conditions of this Order thanks to the solid structure of safety guidelines and rules we have in place for our more than 350 clubs as well as the fact that we have 13 zone directors who help ensure you all have a place to fly that meets our rules. With the exemption, Transport Canada is saying it trusts us to maintain a standard of safety for our community as well as to protect the full-size sector.

UNDERSTANDING OUR EXEMPTION

The Interim Order affects all recreational drone pilots, except for MAAC members flying at a sanctioned event or a sanctioned field. There are a few ways we can help members to continue enjoying the hobby as they have until now.

MAAC can assist members with the following

- * Recognizing new fields for existing clubs
- * Sanctioning new clubs
- * And in extreme cases, recognize individual fields for members with no club nearby.

In other words: If you wanted to fly at your own private field or float fly at your cottage, you need to be a current member of MAAC and then, we want you to work with a neighbouring club to have your location listed as a secondary field to that club. Another option is to create a new club, with a minimum of three members, and have the Zone Director sanction your club and flying field so they come under MAAC's jurisdiction. And finally, if neither of those will work, reach out to your Zone Director and see what the other options are.

*Flying Within 9 km of an Aerodrome

The Interim Order effectively eliminates flying within 9 km of an Aerodrome. Once again, this does not apply to MAAC members flying at sanctioned events or fields. However, the members do have to follow our existing guidelines and rules for flying near airports. With our rules, there are still restrictions, but most of the time, they can be managed with meetings between the clubs and the airport authority to allow us to fly at or near airports. Nevertheless, we are always secondary to the full-size pilots needs and can be asked not to fly during certain times or special conditions.

EXISTING CLUBS

With many 'drone' pilots looking for a good place to fly, there is an impact on many of our existing clubs. We understand the challenges, and are working with the club executives to make it easier for them to adapt. In some cases, clubs have a new type of member wanting to join; some new members are also wanting to add fields that will require some oversight. Embracing these new members, and expanding the clubs vision, can help not only the new members, but can also help the hobby in general.

MAAC'S APPROACH MOVING FORWARD

MAAC's approach is to work to protect continued safe model aircraft recreational flight for all responsible hobbyists, whether members of an aeromodelling organization or not. MAAC will also continue to provide the necessary balance by ensuring there are reasonable guidelines, rules, and oversight in place that holds our members accountable for aviation safety.

Until the new regulations are finalized, the landscape for modellers can be a bit unclear. If you are in doubt about where you can fly, please contact your Zone Director or the MAAC office before you take to the skies. ✈

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Model Aviation
CANADA

Chris Brownhill - 3797L

Chef de Comité

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Mes premiers souvenirs de vol circulaire proviennent d'un livre que j'ai trouvé à ma bibliothèque publique dont l'auteur était Walter Musciano, un concepteur bien connu et collaborateur de revue qui a probablement effectué son meilleur travail au cours des années 1950.

J'avais construit quelques maquettes de vol libre à propulsion élastique et j'avais remporté plus ou moins de succès jusque-là. Cela était en partie redevable à la pénurie de caoutchouc de bonne qualité et probablement parce que je ne connaissais personne qui possédait de l'expérience pratique quant à la façon de les faire voler. Cela me viendrait plus tard au cours de ma carrière de modéliste! Mais j'ai immédiatement senti que bien peu de magie était nécessaire afin de faire voler une maquette de vol circulaire... du moment qu'on maîtrisait l'art d'en faire démarrer le moteur! Certains des jeux de plans de monsieur Musciano faisaient

appel à de la construction à partir de blocs et de feuilles de balsa. Nous n'avions pas à nous soucier de structure. Dans mon cerveau d'adolescent, les probabilités de se tromper étaient basses.

Je dois effectuer un bond dans le temps de 40 ans, jusqu'au moment où un ami m'a proposé d'assembler un kit de Fireball qu'il entreposait dans son sous-sol... et j'ai saisi l'occasion! Sachez que le Fireball est parfois vénéré comme étant l'appareil de vol circulaire qui a lancé ce mouvement mais cela n'est presque certainement pas vrai. Plusieurs personnes y compris Jim Walker (avec son Fireball), Roy Cox (vous vous souvenez du Thimble Drome?), Oba St. Clair et Victor Stanzel (G-Line) se penchaient sur les mêmes problèmes de vol circulaire.

L'analogie qu'on pourrait faire, c'est celle de Samuel Colt qui a mis au point les pistolets à barillet rotatif qui ont fait sa fortune. Bien que de vifs esprits aient aussi conçu des armes à feu rotatives, ces innovateurs n'avaient pas réussi à trouver le bon type d'allumage qui en assurerait l'efficacité. En mal ou en bien, Jim Walker a

acquis le brevet d'un design de maquette de vol circulaire et est devenu comme les frères Wright : le type qui a récolté toute la gloire même si d'autres personnes avaient effectué du travail semblable.

Cet interlude partagé auprès de vous, je vous annonce que fin avril, j'ai piloté le Fireball. Comment s'est-il comporté? Il a volé aisément, en réalité, et n'a montré aucun tressaillement ou mauvais comportement. Oui, j'ai installé un moteur O.S. LA .15 moderne et j'ai ajouté une pesée au saumon. Mais c'est tout.

Si vous n'avez jamais piloté un Firebaby 1/2A (un autre design de Jim Walker), ses caractéristiques de vol seraient semblables mais il tirerait davantage, compte tenu de son moteur plus puissant. Il a facilement exécuté un looping et si j'avais installé un réservoir acrobatique digne de ce nom, j'aurais pu effectuer du vol inversé, d'autant plus que j'ai triché en transformant la maquette en Super Fireball avec un profil d'aile semi-symétrique (les plans l'indiquaient en guise de modification).

C'est impressionnant qu'une telle maquette ancienne ait rassemblé toutes ces bonnes caractéristiques dès le départ et que tous les problèmes aient été résolus à l'aide d'une méthode très simple. Bien que les efforts de conception ne se soient pas déroulés très bien si l'on se fie à une réunion de Jim Walker et Oba St. Clair à la fin des années 1930, monsieur Walker est celui qui a reçu tout le crédit pour cette invention.

Si j'ai piqué votre curiosité et que vous voulez en savoir plus long, tentez de mettre la main sur un exemplaire de l'ouvrage *Pioneers of Control Line Flying* (de Charles Mackey); je lui accorde le crédit des renseignements glânés dans ce livre. L'éditeur était la Precision Aerobatics Pilots' Association, droits d'auteur inscrits en 1995. ✈

Control Line

from page 49

"Pioneers of Control Line Flying", by Charles Mackey, to whom I must also give the credit for providing me with this information by way of his book. The publisher was the Precision Aerobatics Pilot's Association, with a copyright date of 1995. ✈



Stuart Henderson's Warthog is a foam kit designed for R/C but converted to Control Line with two GSW ducted fan electric motors. / Le Warthog de Stuart Henderson est un kit de mousse destiné au vol télécommandé, mais il l'a modifié pour le vol circulaire et a installé deux petits moteurs GSW.



Gord Gimbert's Fun Scale Spitfire XVIII taking off at our recent Toronto & District Control Line Competition. / Le Spitfire Gord XVIII (Fun Scale) de Gord Gimbert décolle lors de notre récente compétition de vol circulaire de Toronto et district.

Photo by Sara Ricketts - Ninjatography

CONTROL LINE

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Committee Chair

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My first memories of Control Line flying come from a book that I found in my local public library written by Walter Musciano, a well-known designer and model magazine contributor who probably did his best work in the 1950s.

I had built a few rubber-powered free flight models with limited success up to this point. This was partially due to the lack of any decent rubber, and mostly due to not knowing anyone with any practical experience in making them fly. In my modeling career, that would come later! But, I could immediately sense that there was little magic required to make a control line model work if one could master starting the engine. The plans of some of Musciano's airplanes were of solid block and sheet construction. No messing with dozens of formers and stringers. The chances of getting it wrong seemed small to my teenage mind.

Now, I must skip ahead forty years when a friend of mine proposed that I build a Fireball kit that he had in his basement, and I jumped at the chance! Now, the Fireball is sometimes revered as the Control Line airplane that started it all, but that is almost certainly not quite true. Several people including Jim Walker (the Fireball), Roy Cox (remember Thimble Drome?), Oba St. Clair, and Victor Stanzel (G-Line) were all working to solve the same problems posed by circular flight.

It is more like Samuel Colt, and his revolving pistols that made him rich and famous. Although earlier experimenters had also made revolving firearms, they lacked the right type of ignition to make them work efficiently. Jim Walker, for better, and probably for worse, managed to grab the rights to the patent on the design for a U-Control model airplane, and became like the Wright brothers, the guy that got the glory even though others had done similar work.

So, after the above interlude, I shall say that in late April, I flew the Fireball. How

did it fly? It flew very easily, actually, with no wobbles or anything untoward. Yes, I mounted a modern O.S. LA .15, and added some wingtip weight. But that was it.

If you have ever flown a 1/2A Firebaby (another Jim Walker design), then it was about the same, but with more pull due to the larger engine. It looped easily, and if I had installed a proper stunt tank, it probably would have flown inverted, as I had cheated a bit and made it a "Super" Fireball with a semi-symmetrical wing section (but according to the plans provided in the kit for this modification).

It is impressive that such an old design "got it right" at the beginning, and using a very simple approach, solved all the problems. Although there had been some prior development that had not gone so well according to a meeting that took place between Jim Walker, and Oba St. Clair in the late 1930s, Walker became the man who got the credit for the invention.

If this has piqued your appetite for more information on this, try to find a copy of

continued on page 48

ACROBATIE DE PRÉCISION DE VOL CIRCULAIRE

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Chef de Comité

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Nous cédon l'espace de chronique de ce mois-ci à Chris Cox afin qu'il nous parle de sa nouvelle maquette :

DEFIANT, VERSION 2017

par Chris Cox

«Le Defiant de cette année - version 6.0 - incorpore plusieurs modifications par rapport à la version de l'année dernière. La principale, c'est le nouveau positionnement des ailes et du stabilisateur en rapport avec la ligne de poussée (thrust line). J'ai soulevé les ailes jusqu'à ce qu'elles se situent à 1/2 pouce de la ligne de poussée et j'ai abaissé le stabilisateur à 1/4 de pouce au-dessus de cette même ligne de poussée. J'ai pris cette décision après avoir mené des expériences qui impliquaient que de déplacer le moteur vers la ligne centrale d'une vieille maquette. Les résultats étaient encourageants, ce qui m'a poussé à effectuer la modification, cette année. Les caractéristiques que je recherchais, c'était davantage de sentiment d'équilibre dans les manœuvres intérieures et extérieures, surtout dans les coins un peu plus carrés.

«J'ai joué un peu avec le centre de gravité, l'emplacement des filins lead-out, la pesée de saumon d'aile et d'assiette correcte des

ailes et jusqu'à maintenant, les résultats des vols d'essai me portent à croire que ce sera un bien bon avion mais les résultats de concours indiquent habituellement une tout autre réalité sur le comportement en vol et sur le pointage.

«La livrée de drapeau de course était de rigueur, de même que le motif de feuille d'érable, compte tenu du 150^e anniversaire du Canada. Un modéliste de renommée de la côte Ouest m'avait conseillé de limiter les couleurs que l'on retrouve sur une maquette à pas plus de cinq, mais je me suis emporté et j'en ai incorporé 19! Eh bien, je pense que mon appareil a fière allure.

«Voici des spécifications qu'aiment habituellement connaître les gens :

Surface des ailes et volets : 710 pouces²

Surface du stabilisateur et de la gouverne de profondeur : 155 pouces² (22 % de la surface des ailes)

Construction des ailes : montants (truss) Warner grâce à un gabarit de mousse perdue (lost foam) qu'a conçu Bob Hunt

Recouvrement de Polyspan avec un minuscule voile de fibre de carbone de 0,2 onces sur toutes les surfaces de bois

Enduit-colle certifié (par opposition à Sig, Brodak, etc.)

Moteur : AXI 2826-F2B

Contrôleur de vitesse : Jeti Spin 66

Chronomètre : modèle actif, d'Igor Burger

Batterie : ThunderPower 6S 25C de 2 800



mah

Tringlerie de séparation des ailes : Mike Haverly

Poids prêt à voler (pile installée) : 65 onces.»

J'aimerais remercier Chris de son compte-rendu et je lui souhaite bien du succès avec sa nouvelle maquette épreuves d'équipe F2B.

Je vous rappelle que les Épreuves de qualification d'équipe F2B sont prévues pour le samedi 12 septembre au parc Centennial de Toronto.

Contenu pour cette chronique

Comme toujours, j'accueille avec plaisir tout matériel que vous me soumettrez dans le cadre d'une future chronique de vol circulaire acrobatique. ✈



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CONTROL LINE PRECISION AEROBATICS

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This month's column features a report by Chris Cox on his new model:

2017 DEFIANT

by Chris Cox

"This year's Defiant - v6.0, incorporates several changes from last year's model. The primary difference lies in the wing and stabilizer placement in relation to the thrust line. The wing has been raised to within 1/2" of the thrust line, and the stab dropped to 1/4" above the thrust line. The decision to do this was following some experimentation that involved physically moving the motor down to the wing centreline of an old "beater" model. The results were very encouraging, thus prompting this year's modification. The characteristics being looked for were a more balanced feel between inside and outside manoeuvres, particularly in the square corners.

"Experimentation with centre-of-gravity, lead-out location, tip weight and wing leveling exercises is underway and so far, the test flying results would indicate this is going to be a very good airplane, but contest results are generally the final decision maker on how well an airplane is flying and ultimately scoring.

"Along with the mandatory checkerboard pattern, the paint scheme incorporates the Canada 150th Anniversary maple leaf motif. I have

been counselled by another noted West Coast flyer to limit the colours on a model to no more than five, but I seem to have gotten a little carried away, incorporating no less than nineteen! Oh well, I think it looks just fine.

"Here are some specifications that people generally like to ask about:

Wing/Flap area: 710 sq. in.

Stab/Elevator area: 155 sq. in. (22% of wing area)

Wing Construction: Warner Truss utilizing a Lost Foam jig by Bob Hunt.

Polyspan covering with .2 ounce carbon fibre tissue (veil) on all wood surfaces

"Certified" dope (as opposed to Sig, Brodak, etc...)

Motor: AXI 2826-F2B

Electronic Speed Controller: Jeti Spin 66

Timer: Active timer by Igor Burger

Battery: ThunderPower 6S 25C 2800 mah

Wing take-apart hardware: Mike Haverly

Final flying weight with battery installed: 65 ounces."

I would like to thank Chris for his report and wish him great success with this new model.

F2B Team Trials

A reminder that the F2B Team Trials are scheduled for Saturday September 12 at Centennial Park in Toronto.

Column Content

As always, I welcome any submission of material for inclusion in a future Control Line Precision Aerobatics column. ★

FPV (FIRST PERSON VIEW)

Calvin Martini

Committee Chair

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This is my first update as your FPV Committee Chair and I would like to take this occasion to provide some insight into our activities and recent developments.

This year is a significant one for our hobby because of Transport Canada's Interim Order. Although these regulations place new restrictions on recreational flying, our Association has received an exemption and this enables us to continue to enjoy our hobby safely and responsibly as we have done for decades. This change has caused other pilots to scramble to find ways to continue to enjoy the hobby and for some, MAAC is an attractive option. But these new members need to find clubs to join, or create new clubs. This is where all of you can play a supporting role by helping them understand how MAAC works and sharing your club experiences.

Many of these pilots fly FPV and are interested in racing and/or freestyle. Although absorbing new members with different flying styles into your club can be difficult, MAAC-sanctioned events can offer a way to provide flying opportunities for members without their own clubs while introducing ourselves and sharing the benefits of MAAC's Safety Code.

As part of its strategic planning, your Board has mandated the FPV Committee to work with the Multirotor and Safety Committees to review and update the FPV safety policy. A proposal is currently undergoing review and will be presented to the Board for consideration this year. The overall effect of this package will be to bring FPV flying under our proven general safety provisions.

A second proposal for FPV Racing Safety Guidelines is also under development. Once formally adopted, these policy proposals are expected to provide a progressive FPV safety framework to support our members in the enjoyment of FPV flying. Rather than providing more rules to follow, the FPV Racing Safety Guidelines are focused on safety objectives and concepts which will support FPV racing the way it works today and will work in the future.

On a closing note, I would like to add that the technology in our hobby has evolved rapidly in recent years and flying has become far more accessible and the aircraft smaller and safer as well. There are

Now many options for starting into the FPV hobby, including sophisticated simulators and stabilized and easy-to-use miniature and micro models which have made entry into the hobby fun, rewarding and unthreatening. FPV technology has also become much better suited to our purposes and we are seeing greatly improved results using affordable components. Because of these developments, FPV piloting is incredibly popular and it is introducing a new generation to our hobby. ✨

FPV (VOLE EN IMMERSION)

Calvin Martini

Chef de Comité

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Voici mon premier rapport en ma qualité de président du Comité de vol par immersion (*First Person View* ou FPV en anglais) et j'en profite pour vous donner un aperçu de nos activités et de nos récents développements.

Cette année est importante pour notre passe-temps en raison de l'Ordre qu'a articulé Transports Canada. Bien que ces règlements aient instauré de nouvelles restrictions sur le vol de loisir, notre association bénéficie d'une exemption, ce qui nous permet de continuer de nous adonner à notre passe-temps en toute sécurité et de façon responsable... ce que nous faisons depuis des décennies. Ce changement a provoqué un vent de panique chez d'autres pilotes qui s'efforcent de pratiquer notre passe-temps et pour certains de ces modélistes, le MAAC est une option attirante. Mais ces nouveaux membres doivent trouver des clubs auxquels se joindre ou en créer de nouveaux. Voici où vous pouvez tous jouer un rôle de soutien... en les aidant à comprendre comment le MAAC fonctionne et en partageant vos expériences au sein de clubs.

Plusieurs de ces pilotes font évoluer des maquettes de vol FPV et s'intéressent à la course ou au style libre. Bien qu'absorber au sein de votre club de nouveaux membres dont le style de vol diffère du vôtre, les rassemblements que parraine le MAAC peuvent offrir une occasion de vol pour les membres orphelins de club tout en nous plongeant dans cette atmosphère et en partageant les

bénéfices du Code de sécurité du MAAC.

Dans le cadre de sa planification stratégique, votre Conseil de direction a chargé le Comité FPV de travailler de concert avec ceux de multi-rotors et de la Sécurité afin d'examiner et de mettre à jour la politique de sécurité en matière de vol par immersion. Une proposition est actuellement à l'examen et sera présentée au Conseil de direction à des fins de considération cette année. Son effet : accueillir le vol par immersion dans notre giron éprouvé de mesures de sécurité.

Une deuxième proposition de lignes directrices de sécurité lors de courses FPV est aussi en développement. Une fois formellement adoptées, ces propositions de politique devraient offrir un cadre sécuritaire FPV afin d'appuyer nos membres qui s'y adonnent. Plutôt que d'imposer davantage de règlements à suivre, les lignes directrices de sécurité lors de courses FPV se concentreront sur les objectifs de sécurité à viser et sur les concepts qui appuieront la course FPV de la façon dont elle se déroule à l'heure actuelle et comment cela fonctionnera à l'avenir.

En terminant, j'aimerais ajouter que la technologie au sein de notre passe-temps a évolué rapidement ces dernières années et que le pilotage est devenu beaucoup plus accessible; de plus, les aéronefs ont diminué en dimension et sont plus sécuritaires. Plusieurs options s'offrent à nous afin de nous lancer en vol par immersion, y compris des simulateurs sophistiqués ainsi que des mini- et micro-maquettes auto-stabilisantes et faciles à utiliser qui ont facilité notre entrée au sein de ce segment. Elles sont

suite à la page 89

FREE FLIGHT INDOOR

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I am still in a state of euphoria as I start to write this, even after the five-hour drive back alone last night from Detroit. We flew there yesterday, May 7, in the 74-foot Ultimate Soccer Arena with five Canadian contestants, including two juniors, and we all won ribbons to prove it.

Dmytro Silin flew F1D, and kids, Alex and Maria flew catapult gliders, while his wife Anna acted as their team manager. Terry Jenkins from north of Windsor (Ontario), who only gets to fly once each year, still took away three awards. I noted that top times in many events were very competitive even though fewer flyers attended this year.

Because this is one of the few contests available to me, and I missed West Baden, where Dmytro and Alex cleaned up with five new records, I spent the extra time and effort to prepare for a possible shot at ten events plus two record tries. This was a real challenge and had to go perfectly over the eight hours. But, of course, it never does. At least, the start was good in that I got to Detroit early, had a nap before supper and got to bed by 11 p.m. for that 6:30 a.m. rise on Sunday. That sure paid off on the drive home.

The first events were the gliders and the early air was heavy because of the recent rainfalls, but did improve later. The highest single flight times for gliders went to the catapults with Standard at 50 seconds and my Unlimited just under a minute.

The longest flight of the day was owned by Tom Sova when he flew an impressive 14 minutes with his Pennyplane. Tom also took Limited Pennyplane with 9:16, and Ministick with a terrific 8:56.

A time of 12:40 won Easy B for me. I also flew Manhattan and Intermediate Stick just for fun.

The eight FAC events had far more participants, with No Cal, Embryo and Phantom Flash leading in numbers. Don Slusarczyk was top dog winning four of the classes, while my Leopard Moth claimed Golden Age. With that, I did get to fly nine of my 12 models and set one record. I wish I could fly there more often.

I want to express my sincere thanks, on behalf of all the contestants, to Mike Welshans, Paul Crowley, and all the volunteers from the Cloudbusters and Balsa Bugs who made this event possible. Well done!

The six new records are all for Category 3 as follows:

Alex Silin: in Junior class Helicopter, 2:48; and A6, 4:20.

Dmytro Silin: 1.4gr F1D, 19:55; Helicopter, 8:16; and 10ma Electric, 4:44.

John Marett: F1R 35cm model, 12:21.

STU WECKERLY, RIP

Sad news: Stu Weckerly, one of the nicest guys you could ever meet, passed away on Easter Sunday, at the age of 91. He was a true gentleman, quiet and helpful, but a very talented and competitive flyer. So much so that he topped by far the latest Kanones listing with 411 FAC wins. He told me one time that it was because of the obvious fun our Canadian group was having at the 1987 AMA Nationals in Lincoln, Nebraska, that he just had to try Indoor. He flew many times with us at the USIC in Tennessee as well as competing in both Indoor and Outdoor events at our Canadian Nationals. He was truly missed this year at Pontiac, but thanks to Mike Welshans, I brought home one of Stu's models, a 16-inch sand-coloured Spitfire, in his memory. It will be given a place of honour. ✈

VOL LIBRE INTÉRIEUR

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Je suis encore euphorique en rédigeant ceci, malgré le trajet de cinq heures au retour hier soir de Detroit (Michigan). Nous avons effectué des vols hier (7 mai) sous le plafond de 74 pieds de l'Ultimate Soccer Arena en compagnie de cinq concurrents canadiens, y compris deux jeunes... et nous avons tous remporté un ruban pour le prouver.

Dmytro Silin a fait voler une maquette au sein de la catégorie F1D et ses enfants (Alex et Maria) ont lancé des planeurs-catapultes tandis que sa femme Anna agissait à titre de gérante d'équipe. Terry Jenkins, qui habite un peu au nord de Windsor (Ontario), ne réussit à faire évoluer ses maquettes qu'une fois par année et pourtant, il a récolté trois prix. J'ai noté que les meilleurs chronos de plusieurs événements étaient très concurrentiels même si moins de modélistes étaient de la partie cette année.

Puisque c'est l'un des rares concours auxquels je peux me rendre et que j'ai manqué celui de West Baden – où Dmytro et Alex ont établi cinq nouveaux records – j'ai passé plus de temps et déployé plus d'effort à me préparer à la possibilité de participer à dix épreuves et à deux tentatives de record. C'était un réel défi et il fallait que tout se déroule comme sur des roulettes sur une période de huit heures. Comme de raison, cela ne se produit jamais ainsi. Au moins, j'ai connu un bon départ puisque je me suis rendu à Detroit assez tôt et j'ai pu faire une sieste avant le souper. Je me suis couché à 23 heures en prévision d'un lever dès les 6h30, le dimanche. Cela m'a été très profitable lors de mon retour (toujours au volant).

Les premières épreuves étaient celles des planeurs et l'air matinal était un peu lourd en raison des précipitations, mais cela s'est amélioré plus tard. Les meilleurs chronos de vol solo ont été réalisés chez les planeurs-catapultes avec 50 secondes (standard) et le mien (en catégorie Unlimited), tout juste sous la barre d'une minute.

Le vol le plus long de la journée est revenu à Tom Sova (un impressionnant chrono de 14 minutes) à l'aide de son Pennyplane. Tom a aussi ravi la victoire en catégorie Pennyplane avec un

suite à la page 90

HYDRAVIONS RC

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La météo du Sud-ouest ontarien ce printemps a été plutôt fraîche et détrempée pas de bon augure pour le vol. Notre groupe d'adeptes des hydravions s'est finalement réuni hier soir afin de se rendre à notre premier pèlerinage vers l'étang. Environ dix personnes étaient de la partie et j'ai réussi à piloter mon Piper J-3 sur flotteurs. Mince qu'il était beau. Plusieurs rassemblements *Float-flies* sont répertoriés dans les pages de la revue Model Aviation Canada; allez voir l'un d'eux au cours de l'été.

Cato Hansen a envoyé ce qui suit :

«Le Fredericton Model Aircraft Club a organisé son Float-fly annuel au parc provincial de Mactaquac, au début juin. L'évènement a été réparti sur deux jours cette année et la première journée, environ 20 pilotes se sont montrés. Le temps était ensoleillé en matinée et la pluie a commencé à tomber en après-midi. Le dimanche était nuageux et frais mais les vols ont été nombreux jusqu'à ce que la pluie effectue un retour, en début d'après-midi. En somme, c'était une bonne fin de semaine pour entamer la saison de vol.» ✈



Zone director Peter Schaffer concentrating on flying.

Le directeur de zone Peter Schaffer se concentre au pilotage.



Ron Hearsey's six-foot Unionville Beaver flown by Bill Brisson. / Bill Brisson pilote le Beaver (un kit d'Unionville) d'une envergure de six pieds de Ron Hearsey.



R/C FLOATPLANES

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The weather in Southwestern Ontario this spring has been cool and wet, not good for flying. Our float fly group has finally gotten together last evening for our first trip to the pond. We had about ten people and I got to fly my Piper J-3 Cub for the first time off floats and man, did it look nice. There are a number of Float Flys listed in the event area of Model Aviation Canada, so be sure to take one in, this summer.

Cato Hansen sends in this report:

"The Fredericton Model Aircraft Club held its annual Float Fly at the Mactaquac Provincial Park in early June. This year, it had a two-day event, and the first day had about twenty flyers show up with a nice sunny morning, and the rain started in the afternoon. Sunday was cloudy and cool, but lots of flying went on until the rain came again in the early afternoon. All in all it was a great weekend to start the summer flying season." ✈

Top: Peter Schaffer's flying boat looks great in the air.

En haut : L'avion à coque de Peter Schaffer paraît bien, en l'air.

Left: Robert Yablonski's 1/4 scale Super Cub flies through the air at the 2016 Rabbit Lake Fun Fly.

À g. : Le Super Cub à l'échelle 1/4 de Robert Yablonski évolue dans le ciel pendant le Fun-fly de Rabbit Lake, en 2016.



THE FREDERICTON MODEL AIRCRAFT CLUB FLOAT FLY







The SOGS motley crew, l. to r. : Amos, Helmut, Mark, Nick, myself, Dave and Karl. / L'équipe de gais lurons du SOGS. De g. à dr. : Amos, Helmut, Mark, Nick, moi-même, Dave et Karl.

L'ECHELLE GEANTE RC

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Une fois de plus, l'équipe du Club SOGS a présenté une exposition statique de petits-gros (Giant Scale) au Miracle Aircraft Pull de la Fondation de l'Hôpital pour enfants McMaster, au musée Canadian Warplane Heritage Museum de Hamilton (sud de l'Ontario). Cet événement est une collecte de fonds pour cette œuvre caritative mais il fait aussi office de véhicule promotionnel pour le Southern Ontario Giant Scale Rally qui se déroule la dernière fin de semaine de juin à l'aéroport Stoney Creek de Hamilton. Plusieurs maquettes étaient en montre, au grand plaisir du public venu observer la tire d'avion, et pour le bénéfice de membres de clubs environnants.

L'équipe du SOGS, c'était Mark Waller (de Sarnia, Ontario) avec son Corsair (un kit de Hangar 9) mû par un moteur radial et son gros Taylorcraft à ailes courtes qu'il a acheté de Helmut Schmitter. Ce dernier a montré son gros Rav 4 qu'il a importé d'Allemagne et qui, l'espère-t-on, volera au SOGS. Dave Cummings a apporté un Spitfire, un P-40 et un magnifique Fieseler Storch. Karl Gross a montré sa copie volante d'un Lysander (CWH) et un beau Zéro qu'il a terminé, un legs que lui a laissé notre bon ami Bill Swidells (nous dédions le rassemblement SOGS à sa mémoire). Amos Fenell (aussi de Sarnia) a apporté un Pitts modèle 12 et j'ai exhibé mon Nimrod 4A ainsi que mon Tempest 5.

C'est sans vergogne que nous avons fait flotter la banderole du SOGS et que nous avons distribué plusieurs affiches et dépliants de l'événement partout où nous passions. Mais nous n'avons pas tenté de tirer l'avion à la corde. Si vous n'êtes jamais allé voir ça,

les organisateurs coordonnent des équipes qui doivent tirer un appareil à l'échelle réelle sur une distance donnée pour ensuite consigner le temps chrono. Dans ce cas-ci, il s'agissait d'un Boeing 727 cargo qu'a prêté le programme de formation en aéronautique du Collège Mohawk.

Les prévisions météo de la journée étaient menaçantes, si bien que nous nous sommes installés dans le hangar du musée Canadian Warplane Heritage mais en fin de compte, la journée s'est avérée ensoleillée et une petite brise soufflait. Les équipes qui tiraient l'avion ont apprécié ce changement de météo.

Au moment où vous lirez ceci, le rassemblement SOGS sera passé à l'histoire. Vous devriez lire un compte-rendu dans le prochain numéro de Model Aviation Canada. Si l'on se fie à l'édition de l'année dernière, ce devrait être une véritable partie de plaisir.

D'ici la prochaine chronique, continuez de faire voler ces grands oiseaux et envoyez-moi des photos et vos idées. ✈



Not exactly giant scale but too cute to miss. / Pas exactement des petits-gros, mais c'était trop mignon pour ne pas croquer cet instant.

R/C GIANT SCALE



The display tucked in the safety of the hangar. / Le matériel d'exposition est en sécurité, dans le hangar.

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Once again, the SOGS crew put on a static display of Giant Models at the McMaster Children's Hospital Foundations Miracle Airplane Pull at the Canadian Warplane Heritage Museum in Hamilton. This event is a fundraiser for the charity but is a great promotion for the Southern Ontario Giant Scale Airplane Rally which takes place the last weekend in June at the Stoney Creek Airport in Hamilton. A good selection of Giant Scale airplanes was on show for the many attendees at the Airplane Pull, along with other enthusiast clubs from around the area.

The SOGS guys consisted of Mark Waller from Sarnia with his Hangar 9 radial engine Corsair and a giant clipped wing Taylorcraft that he bought from Helmut Schmitter who displayed his beautiful Rav 4 that he imported from Germany and hopefully will fly at SOGS. Dave Cummings brought along a Spitfire, a P-40 and a lovely looking Fiesler Storch. Karl Gross showed his CWH scaled Lysander

and a great looking Zero that he finished after it was willed to him by our great friend Bill Swidells, to whom SOGS is dedicated. Amos Fenell, also from Sarnia, had a Pitts Model 12 and I showed my Nimrod 4A and my Tempest 5.

We unashamedly displayed a SOGS banner and many posters of the event and handed out flyers wherever we could, we did stop short of trying to pull the airplane. If you have never attended one of these events, they put together teams to pull a full-size airplane a given distance record the time. In this case, it was a Boeing 727 cargo plane loaned by Mohawk College's aviation training program.

The weather forecast for the day was pretty grim so we set up in the CWH hangar, but it turned out to be a beautiful day with lovely sunshine and just a breath of a breeze, which was of course great for the teams pulling the plane.

By the time you read this, the SOGS event will be in the books, a report should be in the next Model Aviation Canada magazine. If last year is anything to go by, it should be a blast.

Until next time, keep those big birds flying and send me your pics and ideas. ✈

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R/C HELICOPTER

Darren Wiens - 79825

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By the time you read this, the flying season should be well under way and the Fun Fly season should also be in full swing. Please make sure you attend your local Fun Flies. The people putting them on work very hard to make them fun and I can promise that you'll have a good time while meeting some awesome people.

Safety in our hobby is something that should never be overlooked, so I figured it would be a good time to do a safety reminder again. I've covered this before but I feel it's worth repeating. We are flying machines that are spinning blades at very high speed with a huge amount of energy behind them. One mistake can truly be catastrophic.

Make sure that your heli is in excellent flying condition. Go over all the links and connection points. Make sure none of them are loose, cracked or broken. Make sure that all of the shafts are lubricated as needed, as well as bearings and any other moving parts are lubricated and moving freely. They all need to move with no binding anywhere. Take a good close look at your blades and make sure they aren't damaged. I like to carefully twist them slightly in both directions to see if the carbon fiber layers have split anywhere.

If they have, then I don't fly them. Small surface nicks are usually O.K. and sometimes, a bit of C.A. glue put into a small nick can help the blades keep their integrity.

We also can't overlook the electronics. Do a range check. If you don't know how to do that, check the manual of your transmitter. I do them regularly, and at the beginning of every Fun Fly. Also, check your fail-safe. The common way of doing that is to remove all the blades, spool up the heli (start the motor if you're flying a nitro or gasser heli) and shut off the transmitter. The most important thing here is that the throttle goes down to zero and doesn't stay at the last known position. Go over your servos, run them all the way up and down and make sure there are no broken teeth on the gears. Also check all the wires. Make sure there are no wires exposed and capable of touching the carbon fiber. Make sure all of your connectors make a good solid connection and won't come apart.

SHARE YOUR STORIES

Finally, I need pictures, stories, write-ups, reviews, and anything else that you think might be of interest to put in the magazine. Don't forget about telling me about some of the great guys in the hobby. We really need to recognize these people and say thanks to all of the people who have helped us out.

Thanks, be safe and have fun flying. ✈

HÉLICOPTÈRES RC

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Lorsque vous lirez ceci, la saison de vol et des *Fun-flies* devrait battre son plein. Faites-vous un point d'honneur de vous présenter à quelques-uns d'entre eux. Les organisateurs travaillent très fort afin d'y incorporer du plaisir et je vous promets que vous vous amuserez... tout en rencontrant des personnes sensationnelles.

La sécurité au sein de notre passe-temps ne devrait jamais être minimisée, si bien que j'ai pensé que le moment était propice afin de faire un rappel sur la sécurité. J'en ai traité auparavant mais je crois que cela vaut la peine de répéter les consignes. Nous pilotons des machines dont les pales tournent à très grande vitesse et qui emmagasinent une énorme quantité d'énergie. Une erreur... et ce pourrait être la catastrophe.

Assurez-vous que votre hélicoptère demeure en excellent état. Inspectez soigneusement les raccordements. Assurez-vous qu'aucun n'est lâche, fissuré ou cassé. Assurez-vous que tous les axes (arbres) soient lubrifiés tel que requis de même que les roulements et autres composantes qui doivent bouger librement. Toutes ces petites pièces doivent bouger sans coincer. Examinez vos pales et assurez-vous qu'elles ne sont pas endommagées. Si c'est le cas, ne volez pas avec elles. Les coches de surfaces, ça va, et parfois, il suffit de loger une goutte ou deux de colle cyanoacrylate afin d'en

restaurer l'intégrité.

Nous ne saurions non plus négliger les composantes électroniques. Faites un test de portée (*range check*). Si vous ne savez pas comment faire, consultez le manuel d'utilisation de votre émetteur. Je me livre régulièrement à cet exercice ainsi qu'au début de chaque rassemblement *Fun-fly*. Aussi, vérifiez votre mécanisme antidéfaillance. La seule façon de vous y prendre correctement, c'est de retirer toutes vos pales, de faire démarrer l'hélicoptère (si votre appareil est à nitro ou à essence) et de fermer l'alimentation (mettre à «off») votre émetteur. La notion la plus importante, c'est de vous assurer que le levier des gaz descend complètement à zéro et qu'il ne demeure pas à sa dernière position connue. Vérifiez soigneusement vos servos, actionnez-les complètement dans tous les sens afin de constater que des engrenages ne sont pas abîmés. Vérifiez aussi les fils. Assurez-vous que les fils ne sont pas exposés et qu'ils n'entrent pas en contact avec la fibre de carbone. Assurez-vous aussi que vos connecteurs soient solides et qu'ils ne se séparent pas.

PARTAGEZ VOS HISTOIRES

Finalement, j'ai besoin de photos, d'histoires, de comptes-rendus, de critiques de consommation et de quoi que ce soit que vous pensez serait susceptible d'intéresser les lecteurs de cette revue. N'oubliez pas de me dire qui sont les modélistes sensationnels au sein de notre passe-temps. Nous devons reconnaître ces personnes et remercier celles qui nous ont aidés.

Merci, volez en toute sécurité et ayez du plaisir. ✈

R/C JETS

Alan Blore - 21353

Committee Chair

403.730-9860 | ablore@shaw.ca

Hello everyone, my name Alan Blore and I am the new RC Jet Committee Chairman. I live in Calgary with my wife Jean, and our two little Shih Tzu dogs, Mickey and Rocko. I am an Electrical Safety Codes Officer for the City of Calgary and I have worked in the electrical industry for more years than I would like to count.

I have been involved in one way or the other with flying RC aircraft since 1980. I have been in clubs around the Calgary area for most of my flying, but also joined clubs in Red Deer and Medicine Hat when I lived in those areas for short durations.

I picked up the bug for jets in 2005 and can't seem to get it out of my system, so I guess I am a lifer, now. I have flown sport jets and over the last five years and have been working my way into scale jets. I try to attend most events that I can in the Pacific NorthWest Area of Canada and the U.S. Jean and I have met many nice guys and their wives, making some lasting relationships during our travels to events.

I plan to attend the two Princeton events this year and would like to make the Whidbey Island event in Washington State this year. I have some friends who will be attending one of the Ontario events this year as well as Jets over Kentucky, so maybe I can twist their arms to have an article and pictures for upcoming magazine articles in the future!

At this time, I would like say a big thank you to Kelly Williams, who piloted us through jet issues in Canada and pioneered our TOC



system that we implement today, and will continue for some time to come. Thanks Kelly, you did a great job!

If any of you have comments, concerns, or items you wish aired in the magazine or just want some information, please don't hesitate to contact me through the MAAC messaging system or send me a PM on RC Canada where I frequently visit. ✈

AVION À RÉACTION RC

Alan Blore - 21353

Chef de Comité

403.730-9860 | ablore@shaw.ca

Bonjour tout le monde. Je m'appelle Alan Blore et je suis le nouveau président du Comité des jets télécommandés. J'habite Calgary en compagnie de ma femme Jean et nous avons deux petits chiens Shih Tzu, Mickey et Rocko. Je suis un officier de Code de sécurité électrique à l'emploi de la Ville de Calgary; j'œuvre au sein de l'industrie électrique depuis longtemps que je n'ose avouer.

Je m'implique dans un volet ou l'autre du vol télécommandé depuis 1980. J'ai fait partie des clubs de la région de Calgary pendant la majeure partie de ce temps mais j'étais aussi membre des clubs de Red Deer

et de Medicine Hat lorsque j'étais muté non loin.

J'ai eu la piqure des jets en 2005 et j'ai toujours la tête plongée là-dedans, si bien que je crois que c'en est rendu une maladie, maintenant. Je pilotais des jets sportifs et depuis cinq ans, je me dirige vers les copies volantes. J'essaie de me rendre à la plupart des rassemblements du Pacifique (le Nord-ouest) au Canada comme aux États-Unis. Jean et moi avons rencontré des modélistes sensationnels et leurs conjointes, ce qui a mené à des amitiés qui perdurent lors de nos déplacements à ces concours.

J'ai l'intention de me rendre à deux rassemblements à Princeton cette année et j'aimerais aussi me rendre à celui de Whidbey Island (état du Washington). Des amis à moi se rendront à une telle épreuve en Ontario cette année, de même qu'à Jets

over Kentucky. Peut-être vais-je réussir à leur tordre le bras afin qu'ils rédigent un rapport et qu'ils prennent des photos en prévision d'un article?

À ce moment-ci, j'aimerais féliciter bien fort Kelly Williams, qui nous a guidés à travers les problématiques de jets et qui est devenu un pionnier de notre système TOC dont nous nous servons aujourd'hui et qui servira encore pendant plusieurs années. Merci Kelly, beau travail!

Si vous avez des commentaires, inquiétudes ou des sujets que vous voulez faire connaître par le biais de cette revue... ou que vous voulez simplement des renseignements, n'hésitez pas à communiquer avec moi grâce au système de messagerie du MAAC ou envoyez-moi un message privé chez RC Canada, où je suis passablement actif. ✈

R/C PRECISION AEROBATICS

Harry Ellis

Committee Chair

905.342.2128 | harryellis@gmail.com

I would like to thank Hartley for the time and hard work he put in as the Committee Chairman over the last few years.

WORLD CHAMPIONSHIPS

For those of you who are interested in F3P, the next World Championships are scheduled to be in Heraklion, Crete from March 17-23, 2019.

There was no bid to hold a World Championships for F3A brought forward at the plenary meeting in April, so a Worlds in 2019 is still up in the air. The news from the plenary meeting is that Peter Uhlig is now the F3 Aerobatics Committee Chairman. I believe that Peter will do a great job in his new position for him. Peter has already introduced five working groups into the Subcommittee which will deal with issues on F3A, F3M, F3P, Organization and Scoring Software. I am the coordinator for the F3A work group.

GETTING BETTER THROUGH JUDGING

One of the benefits of pilots sitting in the judge's chair is to see how judging criteria is applied to a manoeuvre. This I believe makes us better pilots since we can see what goes wrong in a manoeuvre and what we need to do so we can improve our flights.

STALL TURN

In this column, I would like to focus on flying and judging the stall turn. First, we have an entry radius. In a turnaround stall turn, it is

usually easy to make the entry and exit round and the same size. In a centre stall turn, we often see a radius start off nicely but then grow large and elliptical as the pilot hunts for the center line. Not being round would be a 1-point deduction and being way too large would be a 1-point deduction. The problem with exiting is that the pilot could make a normal-size round radius but it too would be downgraded because it does not match the first radius.

Second, we have a vertical line. The line must be straight up or it is downgraded by the 1-point for each 15 degrees rule. It may be wind corrected and any rolling elements must be centered or it is a 1-point deduction. If there is no line after the radius going into a rolling segment, it is a 3-point deduction. There are two other things we must look at before the actual stall and each is a 1-point downgrade. They are a pendulum effect after the pivot and skidding before the pivot. Skidding is the result of applying rudder too soon so that the plane angles toward the direction of the pivot but continues upward in the vertical line till it slows down enough to pivot.

Lastly, we have the pivot. The plane must stop before the pivot. It does not hover, but just stops. Not doing so is a 1-point deduction. Now the plane must pivot on the C.G. If there is a 1/2 wingspan radius, that is a 1-point downgrade, up to 1 wingspan is a 2/3 point downgrade, up to 1 1/2 span radius is a 4/5 point downgrade. At two wingspans, the manoeuvre is a "o". A flop frontwards or backwards is a zero but with torqueing off the 1 point, 15 degree rule applies.

I realize that there is a lot of emphasis placed on the pivot and the secret in doing it correctly is throttle management. You must back off on the throttle only enough that the plane will slow and stop. Once the plane has stopped, hit the rudder preferably in the direction of the wind and you will mostly see a nice pivot on the C.G.

Until next time, keep the wings level. ✈

ACROBATIE DE PRÉCISION RC

Harry Ellis

Chef de Comité

905.342-2128 | harryellis@gmail.com

J'aimerais remercier Hartley pour tout le temps et le travail qu'il a consacré à titre de président du Comité, au fil des années.

CHAMPIONNAT MONDIAL

Si la discipline du F3P vous intéresse, le prochain Championnat mondial sera disputé à Heraklion (en Crète) entre les 17 et 23 mars 2019.

Aucune soumission n'a été déposée afin d'organiser un Championnat mondial de F3A lors de la réunion plénière d'avril dernier, si bien qu'une telle épreuve est encore incertaine pour 2019. D'après les nouvelles véhiculées après cette rencontre, Peter Uhlig assure maintenant la présidence du Comité d'acrobatie F3. Je crois que Peter effectuera du bon travail en son nouveau poste. Il a déjà créé cinq groupes de travail au sein du sous-comité qui se pencheront sur le F3A, le F3M, le F3P, l'organisation ainsi que sur le logiciel de pointage. Je coordonne le groupe de travail sur le F3A.

S'AMÉLIORER GRÂCE AU TRAVAIL DE JUGE

L'un des bénéfices des pilotes qui prennent place dans une chaise de juge, c'est de constater comme les critères sont appliqués à une manoeuvre. D'après moi, cela fait de nous de meilleurs pilotes puisque nous voyons ce qui se passe mal lors d'une manoeuvre et ce que nous devons faire afin d'améliorer nos vols.

VIRAGE EN DÉCROCHAGE (STALL TURN)

Dans le cadre de cette chronique, j'aimerais concentrer sur la manoeuvre et le jugement du virage en décrochage (*stall turn*, en anglais). Premièrement, nous devons exécuter un rayon d'entrée. Lors d'un virage en décrochage, il est facile de faire son entrée et sa sortie rondement et avec un rayon de même dimension. Si on exécute un tel virage central, le rayon est initié de belle façon mais il prend de l'ampleur et devient elliptique à mesure que le pilote s'évertue à retrouver sa ligne centrale. Si la manoeuvre n'est pas ronde, c'est une déduction d'un point; trop large et cela aussi donne une déduction d'un point. Le problème en effectuant la sortie, c'est que le pilote pourrait réussir un rayon normal mais il pourrait aussi recevoir une pénalité parce qu'il n'est pas conforme au premier

suite à la page 89



R/C SAILPLANE

Cato Hansen

Committee Chair
chansen@nbnet.nb.ca

My name is Cato Hansen and I'm your new Sailplane Committee Chairperson for 2017-2018.

I have been active in sailplane soaring and sloping for the last 20 years and have been promoting the sport here in the Maritimes. I'm also an Instructor – be it power or glider – and belong to Saint John Model Flying Club where we have a great flying site with ample room for soaring and power. We also have a super slope site facing due East over the Bay of Fundy. I have been on the Sailplane Committee for about 15 years, and I'm currently serving as the DZD of the Atlantic Zone.

I would also like to introduce and welcome the 2017 Committee Members, and they are: Richard Colley, Jean Dorais, Fabien Gagné, Jim Holland, Bill Jones, Douglas Pike, David Webb, Brian Buchanan, and Patrick Mackenzie.

2016/2017 was not a good year for the Sailplane Committee as we did not have a Chairperson to take the lead and guide the process of the Committee. Starting a new season in 2017-2018, our goal as a Sailplane Committee this upcoming season is to continue the work that former Sailplane Chairman Bob Hammett started in 2014, and that includes amongst other, the update of the:

- * MAAC R/C Sailplane Sporting Code
- * National Ranking and Regional Contest Circuits to involve all interested members and give them an opportunity to fly in a more relaxed and local atmosphere.
- * Promote and encourage participation in the League of Silent Flight, (LSF).

Ultimately, it's in the best interests of each sailplane pilot and club to ensure that they are effectively and actively represented on the Sailplane Committee, and as you see, we

have nine members and a Chair this time around so hopefully, we are going to reach our goal for the betterment of all our members.

There is a lot of talk about what do we do if we are to hold an event, the short answer is... **HAVE FUN!**

But if you are a purist, all you have to do is to go to the *Fédération aéronautique internationale* (FAI) for the rules. Saying that, the Contest Director or the club can make their own rules to suit the need of their members or contestants.

With that in mind, I would like to take this opportunity to ask all interested sailplane enthusiast to e-mail your thoughts and your preferences in what you think the Committee should be concentrating on this coming season, so please e-mail me at chansen@nbnet.nb.ca... I guarantee that I'll answer you back.

We have one proposal for 2018 FAI – F3J Team Selection from David Webb as seen below:

"My Name is David Webb. I make the following application to hold the 2018 team selection contest for the Canadian FAI F3J team for the World Remote Control soaring Championships in Romania in the summer of 2018.

Location:

The contest site chosen for this team select is Anderson Turf Farm in Hatzic, British Columbia. This site has been leveraged for several years and provides an excellent surface -- potential aircraft housing locations and is close to hotels and other amenities.

Dates:

The proposal date is August 26-27 2017.

Contest Director: Ron Turner

Score Keeper: Amanda Enterkin

Helpers: TBA"

In closing, I leave you with a picture from Lawrencetown Slope Fest 2016. ✈



PLANEUR RC

Cato Hansen

Chef de Comité

chansen@nbnet.nb.ca

Je m'appelle Cato Hansen et je suis votre nouveau président du Comité des planeurs en 2017-2018.

Je m'implique dans le vol à voile et le vol de pente depuis 20 ans et j'en fais la promotion ici dans les Maritimes. Je suis aussi instructeur – maquettes motorisées et planeurs – au Saint-John Model Flying Club. Nous jouissons d'ailleurs d'un bel emplacement de vol avec amplement d'espace pour les avions motorisés comme pour les planeurs. Nous pouvons aussi utiliser une belle pente faisant face à la baie de Fundy (versant est). Je fais partie du Comité des planeurs depuis environ 15 ans et je suis aussi assistant directeur de la zone Atlantique.

J'aimerais vous présenter les membres du Comité en 2017 et leur souhaiter la bienvenue : Richard Colley, Jean Dorais, Fabien Gagné, Jim Holland, Bill Jones, Douglas Pike, David Webb, Brian Buchanan et Patrick Mackenzie.

L'époque 2016-2017 n'a pas été bonne pour le Comité des planeurs puisque nous n'avions pas de président afin de nous guider. Notre objectif cette fois, c'est de poursuivre le travail que l'ancien dirigeant Bob Hammet a entamé en 2014, ce qui comprend la mise à jour de :

- * le Code de planeurs télécommandés du MAAC
- * le classement général et les circuits de concours régionaux afin d'impliquer les membres intéressés et de leur offrir l'occasion de faire voler leurs planeurs dans un environnement plus détendu et local;
- * la promotion et l'encouragement de la participation au sein de la League of Silent Flight (LSF).

Ultimement, il est dans l'intérêt de chaque pilote de planeur et de chaque club de s'assurer qu'ils sont activement représentés au sein du Comité et comme vous pouvez le constater, nous comptons neuf membres et un président

cette fois. Avec un peu de chance, nous atteindrons notre objectif, et ce, afin d'en faire bénéficier nos membres.

Les discussions vont bon train quant à quoi faire lorsque nous organisons un rassemblement. La réponse courte : AMUSEZ-VOUS! Si vous êtes un puriste, vous n'avez qu'à vous tourner du côté des règlements de la Fédération aéronautique internationale (FAI). Cela dit, le directeur de concours ou le club peuvent établir leurs propres règlements pour les besoins de leurs membres ou des concurrents.

Gardez ça en tête. Je demande à tous les enthousiastes des planeurs de m'écrire vos points de vue quant aux sujets sur lesquels le Comité devrait se concentrer en cette saison. Écrivez-moi au chansen@nbnet.nb.ca... Je vous garantis que je vous répondrai.

Nous avons reçu une proposition en prévision des Épreuves de qualification d'équipe F3J (FAI) en 2018, de la part de David Webb :

«Je m'appelle David Webb. Je vous soumetts cette demande afin d'organiser le concours de sélection d'équipe 2018 F3J (FAI) en prévision du Championnat mondial de planeurs télécommandés en Roumanie, au cours de l'été 2018.

Lieu :

Le site choisi est la tourbière Anderson Turf Farm à Hatzic (Colombie-Britannique). L'endroit a été méticuleusement entretenu depuis des années et il offre une excellente surface. Des lieux de remisage des avions, des hôtels et autres services se trouvent tout près.

Dates :

Les dates proposées sont les 26 et 27 août 2017.

Directeur de concours : Ron Turner

Responsable du pointage : Amanda Enterkin

Les aides de camp : à déterminer»

Je vous laisse avec cette photo du rassemblement Lawrencetown Slope Fest en 2016. ✈



R/C SCALE

Scott Crosby

Committee Chair
crosby.scott@rocketmail.com

Work has me on the road most of June, and whenever I can, I like to stop in and visit local hobby shops. My three-year old son loves model sailplanes, so we decided to stop in Saskatoon at Express Hobbies. The staff were extremely helpful and we left with a shopping bag full of balsa and foam gliders. The staff also added in two free balsa gliders!

Having been a member of the Regina Windy Flyers, I was happy to make a stop in Regina and visit Remote Control Hobbies. When I entered the store, I was greeted by Derek Kanak and after a few minutes of talking, we were showing each other our latest scale projects. Derek has just completed a 105-inch wingspan Laser Cut Kits Australia Harvard II. It is powered by a Wren 501 turboprop, uses

Hitec 7954s on all flight surfaces and has custom Robart electric retracts. The kit was originally designed to be a Pilatus PC9, but Derek has made the necessary modifications to get the clean look of the RCAF's primary trainer, the Harvard II.

The model has been painstakingly fibre-glassed and painted and it looks amazing. We look forward to a successful test flight report! Thanks Derek and well done!!

As we all know, the inaugural Canadian National Scale RC Championships are being held in Vernon (British Columbia) July 14 to 16. By the time you read this, the event may already be in the history books. A lot of hard work has gone into getting this annual National Scale event off the ground and I would like to thank all those involved.

Have a great summer wherever your travels may take you, and remember to travel and fly safely! ✈

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COPIES VOLANTES RC

Scott Crosby

Chef de Comité

crosby.scott@rocketmail.com

Le travail me pousse à passer beaucoup de temps sur la route pendant une bonne partie du mois de juin et lorsque je le peux, j'aime bien effectuer un arrêt chez des magasins de passe-temps. Mon fils âgé de trois ans adore les planeurs, si bien que nous avons décidé d'arrêter à Saskatoon, chez Express Hobbies. Le personnel était très avenant et nous avons quitté avec un sac complet de planeurs de balsa et de mousse. Ces gens-là ont même ajouté deux planeurs de balsa gratuitement!

Comme j'ai déjà été membre des Regina Windy Flyers, j'étais bien content de m'arrêter chez Remote Control Hobbies, dans cette ville. Lorsque je suis entré, Derek Kanak m'a souhaité la bienvenue et en deux temps, trois mouvements, nous nous échangeons des clichés de nos plus récents projets de copies volantes. Derek vient de terminer un Harvard II, un kit d'une envergure de 105 pouces de

Laser Cut Kits (en Australie). Il est mû par un moteur turbo Wren 501, a recours à des servos Hitec 7954 sur toutes les gouvernes et est doté d'un train escamotable électrique Robart. Le kit a été conçu à l'origine comme étant un Pilatus PC9, mais Derek a apporté les modifications nécessaires afin d'aboutir avec l'allure épurée de l'appareil de formation primaire de la RCAF, le Harvard II.

La maquette a été soigneusement recouverte de fibre de verre et peinte de façon à lui donner son look d'enfer actuel. Nous avons hâte de lire le compte-rendu de son vol d'essai! Merci Derek et beau travail!

Comme nous le savons tous, le Championnat canadien (inaugural) de copies volantes télécommandées se déroule à Vernon (Colombie-Britannique) entre les 14 et 16 juillet. Au moment où vous lirez ceci, il se pourrait que le concours ait déjà été disputé. Les organisateurs ont accompli beaucoup de travail afin de lancer cet événement et j'aimerais les en remercier.

Passez un bel été, peu importe où vous mènent vos voyages et rappelez-vous de voyager et de piloter en toute sécurité! ✈

Member rate - First 20 words free. Each additional 20 words or part thereof \$1 Dealer / commercial rate - First 20 words \$15. Each additional word \$1 Payment must accompany order Cheques payable to Morison Communications

WANTED: Old radios for private collection. Any old radio from the 50's, 60's or 70's. These can be single channel, reeds, proportional etc. Send list to Charles Chomos, 369 Pepper Dr., Burlington ON L7R 3C8. Ph. 905.632.4479 cchomos@hotmail.com

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FOR SALE: Estate services offered. Will inventory all your items, sell items for you or buy outright. Call or write for details. Protect your valuables and know what they are worth. Plan ahead. Contact Frank Klenk, Tillsonburg, Ontario. 519.550.7955. flyanextra@gmail.com (01/13)

WANTED: Futaba T6EX transmitter, new or used(working). Contact blonke2@yahoo.ca or 780-672-7692. (07/17)

FOR SALE: Ace R/C Pulse Commander. Transmitter, Receiver, Actuators and Owner's Manual in original box. Needs batteries. \$25 keith_jones@shaw.ca. 604-535-3901. (05/17)

FOR SALE: Duratrax DTXP4100 Intellipeak Pulse Charger. NiCd or NiMH batteries. AC or DC input Hardly ever used in original box. \$25.00. keith_jones@shaw.ca. 604-535-3901.

FOR SALE: ZDZ 90RV-J 92cc motor with Bisson Pitts muffler, optical ignition switch, battery and prop drill guide. \$650, shipped. Frank. vonjaerschky@gmail.com, 250-218-3802 (05/17)

WANTED: Working Futaba FP-R 127DF receiver. 925 Kerwin Rd Kanata ON K2K 1X7 613 769 0298 (03/17)

WANTED/FOR SALE: Looking for an experienced modeler to do the sanding/priming on the fiberglass finish on a 84" span Wing B-25 bomber. It is highly detailed with gear doors, lights, cockpits and two Saito .82 four strokes. Also, would consider selling outright. pdeguire@yahoo.com (03/17)

FOR SALE: 30% Tiger Moth Canadian version. 38cc zenoh with 1hr time, all servos, moved no room to keep it, pictures are available \$650. grahn@wightman.ca (Hanover, ON) (01/17)

FOR SALE: Engines, NIB: ST2000 \$100; ST3000 \$150; ST4500 \$200; ST60CC TWIN \$200. Shipping Extra. fawcett@telus.net (01/17)

FOR SALE: 3 great flying pattern planes for .60 Engine and 1 P-51D with os 50 FSR engine sold separately and starting at \$395. Contact: Claude at claudes1256@gmail.com OR 514.685.0638 for details and photos. (01/17)

FOR SALE: DA 85 Engine, new, never run; includes ign. battery and two props. \$800. David 204.255.6652 or email blcdc@mymts.net

WANTED: Art Tech's 25" PNP Fokker DR1. TimEckens@gmail.com (Thunder Bay)(11/16)

FOR SALE: 60's Carl Goldberg 1 foamie. Ranger 42. Kit #PRC1. Never built. TimEckens@gmail.com (Thunder Bay)(11/16)

WANTED: Aeronca Sedan plans with or without kit, 64-84 inch. Partial built kit OK. neufeldjamesl@gmail.com (11/16)

FOR SALE: Model Biplane with new motor: Circa: 1980s'. Strips of clear pine frame. Kit made in Kingston, Ontario. Length: 41" (105cm) Wing span: 48" (122cm) wing span. Markings: Lucy in the Sky with Diamonds." Never used, never flown. contact pchristopher@xplornet.ca

FREE: I have seven retired but flyable Ukie combat ships to be given away at NO charge. These would be good for Juniors, Beginners or a Club project. 905.836.5678, or 705.484.0637 Anytime. (Newmarket, ON) (09/16)

FOR SALE: Built but never flown Gentle Lady with .049 Babe Bee engine and pod. \$75 OBO Clinton c.jg.marquardt@rogers.com (Ottawa, ON) (09/16)

FOR SALE: For Aero Towing 1/4 stand off scale Genesis Standard Class Sailplane reasonably priced. For details contact larrylit@gmail.com (St.Catharines, ON) (09/16)

FOR SALE: Cosmic Wind Little Toni with a O.S. 91 Four Stroke never flown spitfiremkog@hotmail.com (Sidney, BC) (09/16)

FOR SALE: DLE 55SE Gas Engine. Complete. NEW in Box .Will ship Loomis Within Canada. \$350 Contact: gkincaid@sasktel.net (09/16)

FOR SALE: 3 model rockets, length; 34, 45, 66 inches, + launch pad. Info: 705.498.6312 or chpepin@ontera.net (North Bay, ON) (07/16)

FOR SALE: Super Tiger 3250 engine and Saito 300 twin engine. Also Astro Hog Airplanes ready to fly. 204.728.2345 (Brandon, MB) (05/16)

FOR SALE: Dave Platt 1/5 Spitfire Mk XII, new (never flown) expertly built with Saito 150 (like new), 3 retracts (tail), 88 inches, epoxy finish including markings, sliding canopy with opening side door, full size Platt pilot, 18 pounds (light) \$1000. Cost of material alone (over \$2000,00) Montreal Qc .Local pick up only. Contact: Claude at claudes1256@gmail.com or 514.685.0638. (05/16)

JACK GRAHAM

Rest in Peace, Jack Graham: 1935-2017

It is with great sadness that the St. John's RC Flyers announce the sudden passing of Jack Graham (76565) on June 15, 2017. Jack was one of the most active flyers in the club, flying 12 months of the year. Jack's attitude towards the hobby was "have fun and fly". Recently at the field he had trouble with a rudder servo. His quickly proclaimed "who needs a rudder," and proceeded to have an excellent flight, landing directly in front of his feet.

That was Jack.

Jack held the position of club treasurer for several years and despite being one of the oldest members in the club was the first to volunteer whenever any work had to be done on the field. He had an eclectic collection of model aircraft and the only thing he loved more than flying and gorilla glue was Florence, his partner.

He will be missed. Fly high and free, Jack.



LEONARD TRIEBER

With sadness, the Moose Jaw Radio Control Club has lost its founding member in Len Trieber.

Len started the Moose Jaw Radio Control Club in 1968. Len was an expert with his flying skills and that was displayed in his earlier years. When Len started his engine, others who were flying at the moment landed their planes and sat down to watch an expert put on a flying demonstration. Through the years Len taught many new members how to fly, myself included.

Len was well known in the community as a business man and for many years owned and managed The Hobby Centre as his local business. In 1972 the Moose Jaw Radio Control Club moved to its present location on Hamilton Flats on the west side of the city. Len was instrumental in negotiating and acquiring that parcel of land from the City of Moose Jaw.

The field was then named Trieber Field in his honour as the large sign near the turn off from Thatcher Drive indicates.

Rest In Peace my friend.

– Dick Baum 5510-L



WILLIAM GRUNDY

William 'BILL' Albert Grundy 76, of Truro passed away May 22, 2017, peacefully, after a heroic battle with cancer.

Bill loved spending time with family, built his own home, and enjoyed photography, reading and Sci-fi, and having a good political debate.

For 10 years he was a Leading Seaman, Communications Operator in the Royal Canadian Navy. The next ten years he was an Electronics Shop Teacher at the Shelburne Regional Vocational school. He retired at Colchester Regional Vocational school as an accomplished and well liked Electronics, Math, Science and Computer Teacher.

Bill was a Founding Member and long-time President of the Miniature Aircraft Society of Truro and was a Wings Instructor. Over the years, Bill taught many people – young and old – to fly and enjoy our hobby. Bill was recognized for his dedication with a MAAC 'Leader' designation. ✈

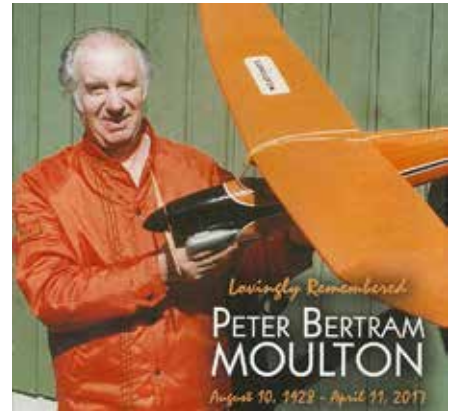


PETER MOULTON

It is with sadness that we have to inform you that our friend Peter (Pete) Moulton passed away on Tuesday April 11th 2017 at the age of 88. His passion for aeromodeling led him to become a founding member and avid supporter of the Stampede City Radio Control Model Club in Calgary. He was one of the five original leaders that got together and decided to bring the club to life in 1973. Pete worked for the City of Calgary and his expertise as a master carpenter was instrumental in getting our clubhouse and original field built. A soft spoken English gentleman with a wry sense of humour, Pete could be found at the field just about any day that the weather permitted flying.

The SCRCMC has lost a dear member who will be missed.

For the SCRCMC Mike Staveley



DR. WILLIAM (BILL) TILLER

It is with great sadness that St. John's R/C Flyers announces the sudden passing of Dr. William (Bill) Tiller, while vacationing in Florida on April 18, 2017, at the age of 77.

Bill (MAAC# 5848) was one of our founding club members and an active participant in all our club activities. He was part of several past executives and he routinely volunteered in club activities that fostered radio control aeromodeling.

His knowledge of scratch building and more recently electric flight will be very much missed. Bill was a radiologist (retired) in St. John's and enjoyed travel, gardening, woodworking, building and flying model airplanes, fishing and spending time with his family.

With cherished memories, he leaves behind his beloved wife Susan, his adored daughters Lesley and Jennifer and their families along with a large circle of relatives and their families. Bill is preceded in death by his first wife, Valda.

From all your friends at SJRCF, "Fly high and free, Bill."



An advertisement for the July 2016 issue of Model Aviation Canada magazine. The central image is the magazine cover, which features a model airplane in flight and the text "Model Aviation CANADA", "July 2016, Vol. 47 No. 4", and "Published by Morsan Communications". To the left of the cover is a QR code with the text "Google Play for Android Tablets". To the right is a QR code with the text "iTunes for Apple iPad". At the bottom, large stylized text reads "Now Available for your Tablet" and "Search for 'Model Aviation Canada'". In the bottom right corner are two logos: "Get it on iTunes" and "GET IT ON Google Play".

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COMING EVENTS

ALBERTA - A

JULY 01, 2017, SATURDAY | Fun Fly | 1 Day | Canada Day Fun Fly | DIDS BURY R/C FUN FLYERS | NE QTR SECTION 23 TWP 31 RANGE 2 WEST OF 5TH | July 01, Saturday Fun Fly 1 day Canada Day Fun Fly DIDS BURY R/C FUN FLYERS Flying starts at 10 am at the club field. Valid MAAC required. Spectators invited for Saturday afternoon Dry camping available for long weekend for flyers Map and info on club website www.drcff.net Come out and help celebrate Canada's 150th | 2017-58 | <http://www.drcff.net>

JULY 08, 2017, SATURDAY | Fun Fly | 1 Day | 2017 Fun Fly | CALGARY RADIO AERO MODELLERS SOCIETY | FIELD | The Calgary Radio Aero Modeler Society (CRAMS) is happy to announce that our Summer Fun Fly will be held Saturday July 8th, from 10AM until 16PM. Our flying field is located just east of Irricana, accessed from highway 9 and east on Twp Rd 273 From the intersection of Country Hill Blvd (564) and Hwy 9 approximately 14kms North to Twp Rd 273, east on 273

approximately 0.5km and we are on the North side. Our GPS coordinates are 51°18'58.2"N 113°35'06.7"W. | 2017-523 | <http://www.cramps.ca>

JULY 08, 2017, SATURDAY | Fun Fly | 1 Day | Fun fly | STRATHCONA REMOTE CONTROL FLYERS ASS. | STRATHCONA SCIENCE PARK | Come and try out our fabric runway. All flyers welcome. 20 pound limit. No turbines. | 2017-638 | <http://www.srcfa.ca>

JULY 08, 2017, SATURDAY | Fun Fly | 2 Days | Fun Fly 2017 | MEDICINE HAT RC'ERS INC. | 5260 BOX SPRINGS RD. NW | Join us for two days of flight and fun at our Airfield in Medicine Hat, Alberta! Wide open skies and acres of grass to fly! There will be a trading area, a few games and some food! Come and enjoy! Free camping (dry/off grid). No landing fees. Small \$ for lunch. Queries? Call Ray 403-502-5664 or email radiofisher@yahoo.com | 2017-699 | <http://MHRcers.ca>

JULY 15, 2017, SATURDAY | Competition | 2 Days | CRAMS scale aerobatic shootout | CALGARY RADIO AERO MODELLERS SOCIETY | FIELD | Come out and fly some scale aerobatics (IMAC) with us at the

CRAMS field near Calgary. This will be a fun, low key competition but we might just have some highly skilled friends from the US joining us for this one! We will be flying Basic, Sportsman and Intermediate but there is a good chance that some Advanced and even Unlimited pilots may be coming as well! | 2017-593 | <http://www.cramps.ca>

JULY 15, 2017, SATURDAY | Competition | 2 Days | Quarter 40 Pylon Race | CALGARY MINIATURE PYLON RACING ASSOCIATION | FIELD | Q40 / F3T racing at Calgary's premier flying site operated by the Calgary Miniature Pylon Racing Association (2013). \$50 / day 8 rounds per day weather permitting. Course Management via Judgeman Systems. Contestants expected from across Alberta and Saskatchewan and North Western US. Q40 (300 kph) on Saturday and Sunday, 3 or 4 plane heats determined by entry levels. Class rules can be found at AMA site Entry fee is \$50/day | 2017-720

JULY 21, 2017, FRIDAY | Fun Fly | 3 Days | Fun Fly 2017 | PONOKA RADIO CONTROL FLYERS ASSOCIATION | MOOSE FIELD PONOKA | Come for the Flying stay for the Fun. Free registration open to All

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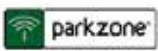
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news, events, contests -



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JULY 29, 2017, SATURDAY | Competition | 1 | Day | Informal Scale Event | CALGARY RADIO AERO MODELLERS SOCIETY | FIELD | The Calgary Radio Aero Modeler Society (CRAMS) is happy to announce that an informal Scale Competition event will be held Saturday July 29th from 9h30 AM until 16PM. Our flying field is located just east of Irricana, accessed from highway 9 and east on Twp Rd 273 From the intersection of Country Hill Blvd (564) and Hwy 9 approximately 14kms North to Twp Rd 273, east on 273 approximately 0.5km and we are on the North side. Our GPS coordinates are 51°18'58.2"N 113°35'06.7"W. If you would like more information on our club please visit www.crams.ca | 2017-524 | <http://www.crams.ca>

JULY 29, 2017, SATURDAY | Fun Fly | 1 | Day | ERCS Summer Combat | EDMONTON RADIO CONTROL SOCIETY | ERCS field. | Other club members are most welcome Beginners will be trained Max engine size 0.46 or 450Watts electric <http://www.ercs.ab.ca/Combat.html> Must see video <https://youtu.be/dUGNbNBAXro> | 2017-448 | <http://www.ercs.ab.ca>

AUGUST 04, 2017, FRIDAY | Fun Fly | 3 Days | Windy West Huckfest | WINDY WEST R.C. CLUB | 5 KM SOUTH OF COALDALE, AB | Welcome back to the famous bare foot comfort of our 700 foot grass field, and 5th annual 3 day Giant Scale Huckfest. All plane sizes welcome. Free dry camping at the field located south of Coaldale on #845, 5 kms, East 1.6 kms, south 1.6 kms. or follow the signs. Daily free style fun. Bring your fastest planes for the FAST & FURIOUS 100 CC FULL THROTTLE PYLON RACES! Music, drinks, BBQ & Taber corn. Pilots must show current MAAC OR AMA card please. Get your free 2017 "HUCKFEST" plane stickers. No landing fees. Don't miss the best Fun Fly of the summer! | 2017-432

AUGUST 11, 2017, FRIDAY | Fun Fly | 3 Days | 15 Annual Fun Fly | VALLEY MODEL AERONAUTICS CLUB | DRAYTON VALLEY, AB | Valley Model Aeronautics Club 15th Annual Fun Fly - August 11, 12 & 13, 2017- 10:00am til Dusk. Camping Available - no hookups. Location- 11 kilometers north of Drayton Valley on Highway #22 on East side of Highway. Potluck Supper Saturday Night - Bring your own meat - barbeques on site. For more information contact Ken @ 780-898-3894(kmashon@telusplanet.net) or Brent @780-712-6944 (brent.schooler@

premiertech.ca) | 2017-607

AUGUST 11, 2017, FRIDAY | Fun Fly | 3 Days | ERCS Scale Rally | EDMONTON RADIO CONTROL SOCIETY | ERCS field. | Open to all scale looking Aircraft. Come out for a weekend of flying your scale aircraft. Dry camping on site, concession open on Saturday. Raffle, prizes, and pilots choice award. Landing fee of \$15.00 Community BBQ Sat. Evening. Bonfire every night. Bring your own food and refreshments for Sat. Evening, BBQ's available Current MAAC or AMA membership required to fly NOTE: there will be a break in fun flying on Sat. 12-3 Where the public is invited to watch our annual air show which is a formatted show ... Hey you might be asked to fly in it!,, | 2017-629 | <http://www.ercs.ab.ca>

AUGUST 12, 2017, SATURDAY | Air Show/Demo | 1 | Day | Annual Air Show | EDMONTON RADIO CONTROL SOCIETY | ERCS field. | Edmonton Radio Control Society invites the public to our annual air show. The show will be held between the hours of 12 noon an 3 pm at our Bremner field. In this demonstration of flying there will be a variety of aircraft flown, from jets, scale warbirds to racers, aerobatic and trainers. Candy drop for the children and maybe a few other surprises. A concession will be on site. Bring some lawn chairs to sit on. Admission to the event is \$5.00 per car load. And if possible bring a donation for the Food Bank. Directions are on our website at www.ercs.ab.ca. Or from Edmonton east on highway 16, north on Sherwood Drive to township road 540 then east to the ERCS sign on the north side of the road turn in and drive to the field. It's a fun day, enjoyment for all | 2017-630 | <http://www.ercs.ab.ca>

AUGUST 12, 2017, SATURDAY | Competition | 2 Days | MacNair Rc Scale Aerobatics Competition | DIDSBUry R/C FUN FLYERS | NE QTR SECTION 23 TWP 31 RANGE 2 WEST OF 5TH | Dry camping on site. Continental breakfast Saturday and Sunday morning. Lunch available on site. | 2017-658 | <http://www.drcff.net>

AUGUST 12, 2017, SATURDAY | Competition | 1 | Day | Western Canadian Pattern Championship | CENTRAL ALBERTA RADIO FUN FLYERS (RED DEER) | 7.5 KMS E OF HWY 2 ON TOWNSHIP ROAD 374 | The Central Alberta Fun Flyers (CARFF) RC club in Red Deer, Alberta will be hosting the Western Pattern Championship on August 12th, 2017. We will be flying all classes, that includes Sportsman, Intermediate, Advanced, Masters and FAI Pilots meeting at 8:30am, wheels up shortly after. <http://f3acanada.org/wp-content/uploads/PAC2016-17->

[Rulebook.pdf](#) The entry fee is \$30 and we will provide burgers, hot dogs, pop and water on Saturday during the contest. Camping is available, you are more than welcome to arrive the day or days before the event to camp there. Before the contest starts, the club is open to members. There are two out houses available there. No hook-ups. There is also a club house. MAAC is required for all competitors. If you have any questions, please don't hesitate to contact me. Will Gross Contest Director email: tizwgo@hotmail.com | 2017-724 | <http://www.carff.ca>

AUGUST 19, 2017, SATURDAY | Fun Fly | 2 Days | Late Summer Fun Fly | CALGARY RADIO AERO MODELLERS SOCIETY | FIELD | The Calgary Radio Aero Modeler Society (CRAMS) is happy to announce that a Late Summer Fun Fly will be held on Saturday and Sunday August 19 and 20th. Our flying field is located just east of Irricana, accessed from highway 9 and east on Twp Rd 273 From the intersection of Country Hill Blvd (564) and Hwy 9 approximately 14kms North to Twp Rd 273, east on 273 approximately 0.5km and we are on the North side. Our GPS coordinates are 51°18'58.2"N 113°35'06.7"W. If you would like more information on our club please visit www.crams.ca | 2017-525 | <http://www.crams.ca>

AUGUST 19, 2017, SATURDAY | Fun Fly | 2 Days | Chinook Winds August funfly | CHINOOK WINDS R/C CLUB | CHINOOK WINDS RC CLUB | Chinooks Winds holding yearly summer funfly Aug 19th and 20th! Free event, pilots require valid MAAC. Lunch will be provided Camping available, no power Camp fire Helis also welcome! <http://www.chinookwindsrc.com> Contact Braden for more info! 403 801 3062 | 2017-688 | <http://www.chinookwindsrc.com>

SEPTEMBER 02, 2017, SATURDAY | Competition | 1 | Day | First Annual Frank Kelly Memorial Pattern Primer | MERIDIAN MODEL FLYERS ASSOCIATION - M2 FLYERS | TOWN OF STONY PLAIN 53015-53105 RANGE ROAD 280 STONY PLAIN | This event is tentatively re-scheduled to Saturday, 02SEP17 due to inclement weather on the 10th & 11th of June 17. Further amendments to this notice will be made in due course. Come out and compete with yourself. This event is designed to encourage the development of flying skills especially for people without a lot of competitive experience. Only Sportsman and Intermediate classes will be flown. Experienced pilots and judges will be available to "coach" novice competitors on how to improve their skills. The basic fee covers a BBQ lunch. Unserviced camping available at field on nights of June 9th &

10th. Restaurants, grocery and convenience stores, and motels available nearby. Field is twenty minutes from West Edmonton Mall. See club website and/or facebook pages for further details and updates. Participants and spectators are required to have fun and enjoy the event. Proof of MAAC membership required. Rain/Inclement Weather day - Sunday 11 June. For flight sequences and other event related data, go to the MAAC website > committees > Precision Aerobatics and see the committee documents. Power Point presentations describing the Intermediate and Sportsman sequences are available by contacting Don at the following number / email address. Any questions call Don @ 780-963-4586 - djstnpln@telus.net RAIN DELAY TO SUNDAY 11 JUN 17 | 2017-533 | <http://www.meridianmodelflyers.com>

SEPTEMBER 09, 2017, SATURDAY | Competition | 1 | Day | Battle of Alberta - Calgary Fall | CALGARY RADIO AERO MODELLERS SOCIETY | FIELD | The Windy West Fliers , the Edmonton RC Society (ERCS) and the Calgary Radio Aeromodelers (CRAMs) are promoting a province wide series of combat events with pilots welcome from all over Alberta and other provinces. The fifth event is being held at the CRAMs field near Calgary on Sept. 9th and will feature open class combat.(max eng. 0.46 or equiv. electric) The CRAMs field is located ½ km south of Irricana just east of Highway #9. Pilot registration is from 9:30 am and first round planned for 10:30. Event will run until approximately 3:30 with as many rounds held as possible so charge your batteries! Pilot registration fee of \$5.00 will cover BBQ lunch. Spectators are encouraged and a BBQ lunch of hot dogs and burgers for \$5.00 will be available. All pilots must have passed the equivalence of the MAAC Wings test and must be active members of MAAC. For further information, interested pilots are encouraged to contact Claude Latulippe of Windy West Fliers at cc.latulippe@yahoo.com , Darrell Shivak of ERCS at dare@nili.ca or Paul Crowley of CRAMs at p.crowley@shaw.ca. We would please to share plans and methods to any prospective pilot new to the sport of RC Combat. | 2017-584 | <http://www.crams.ca>

SEPTEMBER 09, 2017, SATURDAY | Fun Fly | 2 Days | Fall Water Fun Fly | ROCKY BARNSTORMERS R/C CLUB | ICE BREAKER FLOAT FLY & FALL FLOAT FLY | Sept 30/Sat./ 2 days/ FALL WATER FUN FLY/ROCKY BARNSTORMERS R/C CLUB/ at Perry Pond located 5 miles N on Hwy 22 from junction with Hwy 11, past Echo Canyon, turn left onto TWP RD 40-5, west 1 mile, rt. 1/2 mile and left into fly site. Self contained camping \$25 for the weekend,

non camping fliers \$5 for the weekend. MAAC rules apply and proof of valid MAAC membership required | 2017-19

SEPTEMBER 09, 2017, SATURDAY | Fun Fly | 1 | Day | ERCS Electric Fun-Fly | EDMONTON RADIO CONTROL SOCIETY | ERCS field. | ERCS annual Electric Fun-Fly, Saturday September 9th, 2017. (Rain date September 10th.) at Bremner Field. All E flyers welcome. MAAC required. Join us for a full day of Electric flying at the amazing Bremner RC field. 120V AC on site, Concession, prizes. | 2017-602 | <http://www.ercs.ab.ca>

SEPTEMBER 16, 2017, SATURDAY | Fun Fly | 1 | Day | September Fun Fly | CAPITAL CITY FLYERS | Stelter Field | Capital City Flyers are having a family fun fly on Saturday September 16 at 17410 - 41 Ave. SW, Swap meet from 9:00 am to 10:00 bring your precious flying treasures for sale. Flying events start at 10:00 A.M. with three events Prizes , free coffee. Bar-be-que starts at 12.00 noon with Hamburger or hot dog with pop and chips \$5.00 dollars. Pilot registration \$5.00 each. | 2017-695 | <http://www.capitalcityflyers.com>

SEPTEMBER 16, 2017, SATURDAY | Fun Fly | 2 Days | Dogfight Over Benalto | CENTRAL ALBERTA RADIO FUN FLYERS (RED DEER) | Benalto Hillman BH7 | Dogfight Over Benalto Fun Fly Event Sat, Sep 16 - Sun, Sep 17, All day Gary Hillman's Farm Dogfight Over Benalto Funfly Sept 16 & 17, 2017 Located At the Hillmans Airstrip, CBH7 (if you are flying in) freq 123.2 N52-13-33; W114-15-21 Self-contained Camping nearby Directions: From South Hwy 54 west of Innisfail to 781. Then North to 380 and go West for 10 km to Sandroad then South. From North Hwy 11 to Sylvan Lake and south on 781 to 380, then west to Sandroad then South CD Gary Hillman, Cell: 403-597-4187 | 2017-716 | <http://www.carff.ca>

SEPTEMBER 23, 2017, SATURDAY | Auction | 1 | Day | Didsbury R/C Fun Flyers Annual Auction | DIDSBUARY R/C FUN FLYERS | Olds College Alumni Centre | September 23, Saturday Auction 1 day DIDSBUARY R/C FUN FLYERS ANNUAL AUCTION Annual model auction at the Olds College Alumni Center Same date and place as last year, Watch for signs when entering town Door open about 10am Sale starts at noon Prizes and concession Map and info on club website www.DRCFF.NET | 2017-59 | <http://www.drcff.net>

SEPTEMBER 24, 2017, SUNDAY | Meeting/Seminar/Clinic | 1 | Day | Annual Zone Meeting | CENTRAL ALBERTA RADIO FUN FLYERS (RED DEER) | 7.5 KMS E OF HWY 2 ON TOWNSHIP ROAD 374 |

Yes | 2017-605 | <http://www.carff.ca>

SEPTEMBER 30, 2017, SATURDAY | Fun Fly | 2 Days | October Fall Fun Fly | ROCKY BARNSTORMERS R/C CLUB | MAIN FIELD | Sept 30/Sat/ Fun Fly/2 days/ October Fall Fun Fly/Barnstormers R/C Club/ Main Field/ Sep 30-Oct 1. Free flying and free self contained camping. Concession both days. Pot luck Supper Sat. night; bring salads, vegetables or desert. Meat is supplied. MAAC Rules apply and proof of valid MAAC membership required. | 2017-20

OCTOBER 28, 2017, SATURDAY | Auction | 1 | Day | ERCS Annual Auction | EDMONTON RADIO CONTROL SOCIETY | Baturyn Community Hall | ERCS Annual Auction Doors open at 8:00AM for consignment First item on the block for auction at 10:00AM All payments by Cash, Debit, or Credit card (No cheques) Consignees: Auction Fee is 15% of selling price For more info and registration forms see ERCS website at www.ercs.ab.ca This is a no reserve Auction Concession on Site Come and join us Buy and Sell and have fun | 2017-670 | <http://www.ercs.ab.ca>

JANUARY 01, 2018, MONDAY | Fun Fly | 1 | Day | Polar Fun Fly | ROCKY BARNSTORMERS R/C CLUB | MAIN FIELD | Jan 1/ Monday/ 1 day/ Annual Polar Fun fly/ Rocky Barnstormers R/C Club/ Main field/ Noon - 4 pm regardless of weather. Field is cleared of snow. Heated club house. Coffee and sweets provided. MAAC rules apply and proof of valid MAAC membership is required. Contact Peter 403-845-6271 or Bill 403-844-4203 | 2018-01

ATLANTIC - B

JULY 01, 2017, SATURDAY | Fun Fly | 1 | Day | Canada Day Fun Fly | BAY ST GEORGE FLYERS | BAY ST. GEORGE FLYERS FLYING FIEDL | Annual Canada Day Fun Fly welcomes spectators and visiting pilots. MAAC/AMA membership required for pilots. Entry fee includes lunch. Special events celebrating Canada day as well as events recognizing Memorial Day in Newfoundland. Come and participate. Alternate weather date July 2, 2017. | 2017-505 | <http://www.bsgflyers.org>

JULY 01, 2017, SATURDAY | Fun Fly | 1 | Day | Warbird over the Atlantic | MINIATURE AIRCRAFT SOCIETY OF TRURO | TRURO NS | As usual the Warbird over the Atlantic event will be held at the Miniature Aircraft Society of Truro field on July 1/2017. Rain date is July 2/2017. All types of aircraft that were used by the military and in military colors are eligible. No entry fee, burgers, hot dogs and pop at the field. You may contact Jim Sutherland 902-890-

4146 or Regis Landry 506-726-7745 for more informations | 2017-507 | <http://www.mast-rc.ca/>

JULY 08, 2017, SATURDAY | Fun Fly | 1 | Day | Annual Fun Fly | SOUTH SHORE RADIO CONTROL FLYING CLUB | Lynwood Joudrey Memoreal RC flying Field | Annual Fun Fly, BBQ provided Food and Beverages at nominal Fee. Come out and have some fun. Everything fly's, Gas, Nitro, Electric. Planes, Helicopters and Drones under club regulations. | 2017-466 | <http://www.ssrcfc.ca/>

JULY 09, 2017, SUNDAY | Competition | 1 | Day | Imac | SOUTH SHORE RADIO CONTROL FLYING CLUB | Lynwood Joudrey Memoreal RC flying Field | Annual IMAC competition. Landing fee \$ 10.00 including Lunch. | 2017-467 | <http://www.ssrcfc.ca/>

JULY 15, 2017, SATURDAY | Fun Fly | 1 | Day | SRCF Fun Fly | SHEARWATER RADIO CONTROL FLYERS | SHEARWATER DECOMMISSIONED RUNWAY | The Shearwater R/C Flyers will be holding a Fun-Fly, at the old Shearwater 10,000 ft runway. Plenty of room for RVs, tents, and access to the MacDonald Beach Rec site, fun for the whole family. Friday evening, field is open for campers, and relaxed flying - main event Saturday (Sunday rain date). Sunday is open for flying as well. Contests, prizes, BBQ, fire pit, vendors, and swap-shop! | 2017-430 | <http://shearwaterflyers.proboards.com/>

JULY 15, 2017, SATURDAY | Fun Fly | 1 | Day | Annual Hillsborough Days Fun Fly | RIVERSIDE MODELLING ASSOCIATION | STEEVES ST. HILLSBOROUGH | Annual Hillsborough Days Fun fly at the Riverside Modelers Association field on Steeve's Street, Hillsborough. BBQ around noon. | 2017-667

JULY 22, 2017, SATURDAY | Fun Fly | 1 | Day | Fun Fly | ST JOHN'S R/C FLYERS | HARBOUR GRACE AIRFIELD | Rain date July 23rd. Lunch will be served. | 2017-511 | <http://www.sjrcf.ca>

JULY 22, 2017, SATURDAY | Fun Fly | 1 | Day | Northumberland RC Fun Fly | NORTHUMBERLAND R/C MODELERS | NRCM OUTDOOR FIELD (OPEN YEAR ROUND, SUBJECT TO WEATHER CONDITIONS) | Come out and join us in a day of flying at our field. Everyone welcome. | 2017-608 | <http://www.sinnis.ca/nrcm/joomla>

JULY 29, 2017, SATURDAY | Air Show/ Demo | 1 | Day | AVON R/C Fliers' Air Show | AVON RC FLYER'S | FIELD - 4499 HWY 14 WINDSOR FORKS | The Avon RC Flyers are again hosting their Annual Air Show on July

29/2017, rain date July 30/2017. Registration fee is \$10.00. There will be a BBQ and Prizes. We are located at 4499 Highway #14 on the Windsor Forks Road behind Daniel U-Pick Apple Orchard. GPS:Latitude 44 57' 19.9296" Longitude -64 10' 48.4787 | 2017-639 | <http://www.avonflyers.ns.ca>

AUGUST 05, 2017, SATURDAY | Competition | 1 | Day | Northumberland RC IMAC Competition | NORTHUMBERLAND R/C MODELERS | NRCM OUTDOOR FIELD (OPEN YEAR ROUND, SUBJECT TO WEATHER CONDITIONS) | Northumberland RC Modellers will again be hosting a Scale Aerobatic Challenge. All Flyers with MAAC are encouraged to come out and give it a try! Judging Session to be held the Evening prior to competition to help familiarize new pilots with Imac! Join the fun! | 2017-609 | <http://www.sinnis.ca/nrcm/joomla>

AUGUST 05, 2017, SATURDAY | Fun Fly | 1 | Day | Helis East | WINGS OF WELLINGTON | FIELD - 520 MIDDLE DYKE ROAD KINGS CO. NS | The Helis East Wings of Wellington fun-fly is for helicopter and multi-rotor flyers in the Maritimes. <https://www.facebook.com/groups/689306671183181/> | 2017-529 | <http://wingsofwellington.ca/>

AUGUST 05, 2017, SATURDAY | Fun Fly | 2 Days | Gander Screaming Eagles Funfly 2017 | SCREAMING EAGLES R/C FLYERS | Gander International Airport | Come out to our annual Fun Fly during Gander's Festival of Flight. The event brings together RC modelers from across Newfoundland to have 2 days of RC flying of models of all sorts on a paved 850m taxiway. Proof of MAAC membership is a requirement to actively fly at this event. There will be a Flight Simulator setup, First Person Viewing of flights using goggles, a candy drop throughout the afternoon, and buddy box flying with a MAAC member for those interested in trying the hobby. Pilot registration at the site will be \$5. This is a no-charge event for the public, but a donation box will be at the gate. | 2017-710 | <http://www.screamingeagles.wink.ws/>

AUGUST 12, 2017, SATURDAY | Fun Fly | 1 | Day | Annual Float Fly | ST JOHN'S R/C FLYERS | MILLER'S POND | Rain date August 13th. Lunch will be served. | 2017-512 | <http://www.sjrcf.ca>

AUGUST 12, 2017, SATURDAY | Fun Fly | 1 | Day | 5th Annual Fun-Fly & Open House | SOUTH WEST FLYERS | ROLAND BOURQUE FIELD | Come and join the South West Flyers 5th Annual Fun-Fly and Open House on Saturday August 12th, (rain date 13th). Free admission to all, ample parking, 50/50 draw, food and refreshment

available. Enjoy leisurely flying with maybe a fun test of your flying skills. This event is open to the public and we will take a short break from flying to allow interaction between fliers and spectators. So mark your calendar and plan on attending this event. | 2017-572 | <http://southwestflyers.com>

AUGUST 19, 2017, SATURDAY | Fun Fly | 1 | Day | Signal Hobbies Fun Fly | ST JOHN'S R/C FLYERS | BELL ISLAND AIRSTRIP | The annual Signal Hobbies FunFly is open to all MAAC registered members. Lunch is provided. Rain date will be August 20, 2017. | 2017-671 | <http://www.sjrcf.ca>

AUGUST 19, 2017, SATURDAY | Fun Fly | 1 | Day | 2017 Lawrencetown Slope Fest | HALIFAX ELECTRIC FLYERS ASSOCIATION | Lawrencetown Point | Come join us for the 5th Annual Lawrencetown Slope Fest. It's the most R/C flying fun you can have without a motor! Slope soaring intro lessons available. MAAC required for all flyers. Parking available at the Lawrencetown and Stoney Beach parking lots. Free overnight camping available within site of the slope at Vic and Mary's place. Rain date is Sun 20 Aug. Contact Vic Ruzgys (CF Av8or on HEFA forum) for more info. | 2017-431 | <http://www.halifaxelectricflyers.com>

AUGUST 25, 2017, FRIDAY | Fun Fly | 3 Days | Eastern Canada Fun Fly | LES AILES DU MADAWASKA | Aeroport du Madawaska Inc. | Le Club Les Ailes du Madawaska, tiendront leur FUN FLY de l'EST du CANADA, les 25, 26 et 27 Août a l'aéroport d'Edmundston. Un rendez-vous pour modélistes et pilotes d'avions, jets et hélicoptères. Le Vendredi 25août sera une journée de vol libre, les 26 et 27 Août seront journées ouvert au publique. Cantine, hangar pour la nuit (avec électricité). Camping sur le terrain (sans service). Camping Provincial et motels a moins de 10km. L'aéroport est situé a la frontière Nouveau-Brunswick / Québec, sur l'autoroute 2. A surveillez pour les nouvelles sorties de l'autoroute. Pour plus d'information, visiter notre site web www.lesaillesdumadawaska.com ou contacter Roland Levesque, 506-739-8237, courriel: "rolandl@outlook.com", Luc Belanger 506-740-6083, courriel: "lucbelangers9@gmail.com" Les Ailes Du Madawaska will be hosting their annual "Eastern Canada Fun Fly" at the Edmundston municipal airport on August 25, 26 & 27th. It's the perfect meeting place for hobbyists and pilots. Airplanes, Jets and Helicopters are welcome. Free flight day on Friday the 25, and Fun Fly open to the public on the 26 and 27th. Concessions, hangar for night storage (with electricity). Camping on site with no services. Motels and Provincial

Camping at less than 10km. The airport is located on side of the Trans Canada hwy #2 at the Quebec / New-Brunswick Border. For info you may check our web site at www.lesaiiledumadawaska.com, or contact Roland Levesque, 506-739-8237, email: rolandl@outlook.com, or Luc Bélanger, 506-740-6083 email: lucbelanger59@gmail.com | 2017-392 | <http://lesaiiledumadawaska.com>

SEPTEMBER 02, 2017, SATURDAY | Fun Fly | 1 | Day | Labour Day Fun Fly | BAY ST GEORGE FLYERS | BAY ST. GEORGE FLYERS FLYING FIEDL | Annual Labour Day Fun Fly. Everyone welcome. Entry fee includes lunch. Weather Alternate September 3, 2017. | 2017-504 | <http://www.bsgflyers.org>

SEPTEMBER 09, 2017, SATURDAY | Fun Fly | 1 | Day | Avon RC Fliers' Scale Fly In | AVON RC FLYER'S | FIELD - 4499 HWY 14 WINDSOR FORKS | Avon "RC Fliers is hosting a Scale Fly In! The event is September 9th, 2017, with a rain date on September 10th, 2017. All planes must be a recognizable scale airplane, so please leave your Fun Cubs at home to preserve the intent of the gathering. Gas, glow, electric, all are welcome. There will a Pilots' Choice vote for the BEST OF SCALE. There will be a BBQ. We are located at #4499 Highway #14 behind Daniel U-Pick. Flying starts at 9:00 | 2017-640 | <http://www.avonflyers.ns.ca>

SEPTEMBER 16, 2017, SATURDAY | Air Show/Demo | 2 Days | RC Demo Flying | SOUTH SHORE RADIO CONTROL FLYING CLUB | Greenfield Airport Liverpool | 2 Day Airshow Demo. September 16th and 17th at Liverpool Airport. All MAAC members invited to fly. Bring your Nitro, Gas, Electric Planes and Helicopters. Runway is 3937 feet long and 75 feet wide. Great for RC Jets. Night flying demos are permitted. No water or electricity, washroom available. Camping overnight permitted. Bring your own Food and Beverage. | 2017-520 | <http://www.ssrcfc.ca/>

SEPTEMBER 16, 2017, SATURDAY | Fun Fly | 1 | Day | Fun Fly | ST JOHN'S R/C FLYERS | WITLESS BAY LINE | Rain Date September 17th. Lunch will be served. | 2017-513 | <http://www.sjrcfc.ca>

SEPTEMBER 16, 2017, SATURDAY | Fun Fly | 1 | Day | Annual Corn Boil | RIVERSIDE MODELLING ASSOCIATION | STEEVES ST. HILLSBOROUGH | Annual end of season corn boil and BBQ. Local corn and BBQ items served around 3 PM. Bring a plane for some fun flying and work up an appetite. | 2017-668

OCTOBER 07, 2017, SATURDAY | Fun Fly | 1 | Day | Ocktoberfest Fun Fly | WINGS

OF WELLINGTON | FIELD - 520 MIDDLE DYKE ROAD KINGS CO. NS | Considered to be the last fun fly of the season; the Wings of Wellington is once again proud to host the Ocktoberfest Fun Fly. Come out and enjoy a day of fun, feasting, flying and fellowship. Freewill offering to offset food cost is appreciated. Rain date will be Oct 8th <https://www.facebook.com/groups/689306671183181/> | 2017-530 | <http://wingsofwellington.ca/>

OCTOBER 21, 2017, SATURDAY | Fun Fly | 1 | Day | Season closing | ST JOHN'S R/C FLYERS | WITLESS BAY LINE | Rain date October 22nd. Lunch will be served. | 2017-514 | <http://www.sjrcfc.ca>

BRITISH COLUMBIA - C

JULY 07, 2017, FRIDAY | Fun Fly | 3 Days | Vernon Aero-Tow | ST ANNES RC AIR FORCE | 707-7995 ST ANNES RD OKANAGAN | Come and enjoy aerotowing beautiful large scale gliders in BC's Okanagan valley at a time when thermals are plentiful. Slope lift may also be available depending on wind direction thanks to the 300 ft slope just off the southeast end of the grass runway. Launch off the grass and land on large smooth area with no fences or obstructions to snag tow lines or cause damage during landings. Bring your sailplane with an aero-tow release installed. Electric sailplanes can be flown but aerotowing activity takes precedence and will limit "electrics" flying time | 2017-464 | <https://www.facebook.com/groups/1161637637208567/>

JULY 07, 2017, FRIDAY | Fun Fly | 2 Days | Annual All Bird Fun Fly | HIGH COUNTRY FLYERS | Kamloops Tournament Capital - Ranch EVENT Field | High Country Flyers Annual All Bird Fun Fly - July 7, 8, & 9. Come and enjoy our new event location, All Birds welcome, lots of room for Helicopters and Drones on adjacent field. Location: Kamloops Tournament Capital - Ranch Directions: Off Hwy 1 Take Highway 5 North from Kamloops and go about 18.5 km see sign on West Side pointing to the Kamloops Tournament Capital Ranch. South on Hwy 5 it's 18.5km north of Kamloops. 5375 Yellowhead Highway GPS Co-ordinates: Latitude - 50.831220 - Longitude -120.289415 Dry Camping Available - day early o.k. Dry camping - City of Kamloops \$16.50 for the event. Time: 09:00 AM to 05:00 PM Entry Fee: Donation to Royal Inland Hospital Foundation Contact Person: Roly Worsfold Contact Number: 250-374-4405 Contact Email: rolydd@telus.net Event Website: <http://www.highcountryflyers.org/Activities.html> | 2017-704 | <http://www.highcountryflyers.org>

JULY 14, 2017, FRIDAY | Competition | 3 Days | 2017 MAAC - Canadian National 'Open' R/C Scale Championships | VERNON R/C AEROMODELLERS | FIELD - 4400 L & A CROSS RD VERNON BC | 2017 MAAC - Canadian National 'Open' R/C Scale Championships; in lieu of the VRCAS - 13th. Annual British Columbia Scale Classic. The event will be held July 14th, 15th. & 16th, 2017. Friday night pizza "Hangar Party" and Saturday "Pot Luck" Supper" with provided Beef Dip on a bun - both included in registration fees for contestants; cost for guests T.B.A. Dry camping at the VRCAS field 10kms north of Vernon on L&A Cross Rd. off Hwy 97 or 97A (North of Swan Lake). You can't miss it! GPS +50° 20' 47.08", -119° 15' 8.07" Though this year, the event represents a category 'Scale' Nats in Canada; as always, it will be low key fun for beginners through to expert. Static Judging and Safety Inspections start Friday 12:30pm to 5:30pm. Saturday and Sunday Pilots meeting - 8:30am with Gear up at 9:00am. 4 - 6 rounds of flying planned. \$50.00 entry fee per model; \$10.00 off for NorthWest Scale Aero-Modellers Membership or US Scale Masters Association Membership. Pre-registration encouraged to aid food planning and camping requirements! USSMA Rules format - Categories: Pro/Am-Sportsman (Fun/Novice), Pro/Am-Pro (Experienced), Advanced (ARF's allowed in the first 4 classes), Team and Expert. 5 mandatory manoeuvres; Take-Off, Straight Flight Through, Figure Eight, Landing & Realism of Flight - plus 5 optional manoeuvres that YOU pick that would be typical of your model. Awards for the top 3 in each category, plus Highest Static & Flight Scores. As well, scores count toward "Canadian World Championship Team Selection," North West Scale Championships and US Scale Masters qualification. Pilot's Choice Award, raffle & daily 50/50 draws. Note: A No Smoking site. More information: Roly Worsfold Ph: 250-371-2873 or e-mail: rolydd@telus.net Mike Allman Ph: 250-558-0758 or e-mail: mike.rc.allman@gmail.com Website: <http://www.vrcas.org> For rules information: www.usscalemasters.org | 2017-22

JULY 29, 2017, SATURDAY | Fun Fly | 2 Days | 100 Mile Model Flyers Fun Fly | 100 MILE MODEL FLYERS | 900 AINSWORTH RD. 100 MILE HOUSE | 100 Mile Model Flyers Invites you to attend our annual summer fun fly. JULY 29th & 30th 2017. Flying from 9am to 4pm. nite flying, combat and games. All types of aircraft welcome. No landing fees. Pilots must have M.A.A.C. There will be pilot prize draws Event at 100 Mile Model Flyers home field. 900 Ainsworth Rd. turn at railway overpass 2 kilometers south of 100 Mile.

Follow signs. Centrally located in Zone C, great place for members from north to meet with members from the south. Dry camping at field. Bar B Que lunch sat and sun. Bonfire Saturday night. Hotels, Motels, and other amenities 10 min away Please let us know if planning to attend. Early bird camping is available. Contact: Bill Hood 250-397-2575 billnlinda@bcinternet.net John Code 250-395-1219 thecodejc@gmail.com Denis Doucette 250-397-2125 sharon&denis@telus.net | 2017-543

JULY 31, 2017, MONDAY | Fun Fly | 7 Days | To Sink It Fun Fly | BULKLEY VALLEY R/C FLYERS | Dave Hoppers place | To Sink It Fun Fly at Dave Hoppers house on Burns Lake. July 31st to august 7th. Dry camping good flying good friends plus a potluck dinner on Saturday make a holiday of it | 2017-509

AUGUST 05, 2017, SATURDAY | Fun Fly | 3 Days | Wester Canada Heli Fun Fly | HIGH COUNTRY FLYERS | Kamloops Tournament Capital - Ranch | Event will be held at the tournament capital ranch 15 min north of Kamloops BC. Camping \$16 for the event. Contact Barry Forsyth for more info E-Mail bares@telus.net 250-376-4603. Helis only no airplanes please. Pilot prizes. Hot food on site. Hotels 15 min away. Should be a big event this year. Huge flying field. Drone flying also. | 2017-456 | <http://www.highcountryflyers.org>

AUGUST 13, 2017, SUNDAY | Fun Fly | 1 | Day | All Club Invitational | SHUSWAP LAKE AERO MODELERS | SHUSWAP LAKE AERO MODELERS FIELD | Come out to fly and enjoy meeting other people who enjoy our hobby. FIXED WING aircraft will have open flying, non fixed wing aircraft with approval at the field. No 3D flying during normal event hours. We will start around 10:00 am and will provide a BBQ lunch with Hamburgers, Hot dogs and cold drinks at about noon. Bring an aircraft or two and enjoy a fun day at our field. | 2017-614 | <http://www.slams.ca>

AUGUST 13, 2017, SUNDAY | Fun Fly | 1 | Day | Cam Reiss Memorial Float Fly | PENTICTON MODEL AVIATION CLUB | PYRAMID PARK/KICKINEE PROVINCIAL PARK | PENMAC (Penticton Model Airplane Club) invites all from near and far to enjoy some Okanagan sunshine at the beach! On Sunday, August 16th we will be hosting our annual Cam Reiss Memorial Float Fly at Pyramid Provincial Park located between Penticton and Summerland right on the main drag, Highway 97. Registration is free and all pilots are automatically entered into draws for many goodies. The fun starts at 0700 hours and continues until we quit. All

donations to offset the cost of the food are graciously accepted. We look forward to seeing you there. Details will be posted on our website at www.penmac.org. | 2017-643 | <http://www.penmac.org>

AUGUST 18, 2017, FRIDAY | Fun Fly | 3 Days | 21st High Country Flyers - Giant Scale and Big Bird | HIGH COUNTRY FLYERS | Kamloops Tournament Capital - Ranch | 21st High Country Giant Scale and Big Bird Fly-In - High Country Flyers Hosted by: Fraser Valley and Thompson-Okanagan Big Birds - British Columbia August 17th, 18th and 19h 2016 - Wed. Early Flyers Welcome Warbirds - Classic Scale - Sport MAAC Giant Scale Rules & only 2.4 Radios. Come and enjoy a relaxing weekend. NEW location: The Kamloops Tournament Capital - Ranch 5375 Yellowhead Highway GPS Co-ordinates: Latitude - 50.831220 - Longitude -120.289415 Optional RC Scale Judging available on one pilot station while others fly. Landing Fees \$20.00, Dry Camping \$16.00 for event, Fri. Social - Sat. night Pot Luck Barbecue - Beef on the Bun & extras provided Open Flying Area - No 3-D Flying (after 4PM o.k.) GPS Co- ord: Latitude - 50° 27' 37.9583" - Longitude -120° 36' 24.3036" Contact Roly-Ph.250-374-4405- rolydd@telus.net or Robert Scheer - (250) 376-5174 - bob.scheer@telus.net e-mail: or Chris sparkyjones@shaw.ca - Ph: 604-597-4111 Website: www.highcountryflyers.homestead.com FlightDeck: <http://www.RCFlightDeck.com/event.cfm?id=5147> | 2017-429 | <http://www.highcountryflyers.org>

SEPTEMBER 01, 2017, FRIDAY | Fun Fly | 4 Days | Larry Christensen Memorial Fun Fly | VERNON R/C AEROMODELLERS | FIELD - 4400 L & A CROSS RD VERNON BC | The 22nd. Annual Larry Christensen Memorial Fun Fly will be held at the Vernon R/C Aeromodellers field north of Swan Lake starting Friday 1st. of September 2017, 9:00am until Labour Day Monday afternoon. No landing fee, free parking available for RVs beginning Tuesday, August 29th. after lunch (first come, first serve). See website www.vrcas.org for info & location map. Contact Michael at: mike.rc.allman@gmail.com, 250-558-0758 or Greg at: gdm-milne@shaw.ca | 2017-687

SEPTEMBER 05, 2017, TUESDAY | Fun Fly | 6 Days | SLAM Fall Classic Float Fly | SHUSWAP LAKE AERO MODELERS | Sandy Point Resort and Campground | The largest float fly in The Pacific Northwest, hosted by the Shuswap Lake Aero Modelers (SLAM), takes place on the usually calm and picturesque waters of Shuswap Lake at Sandy Point Resort. The Resort is located 5 km west of Salmon Arm, BC. Registration begins Tuesday September 5 and flying

continues through Sunday, September 10 when awards and raffle prizes will be presented. A retrieval boat will be provided and frequency board will be set up for the duration of the event. Other features include pilot's draws, pie sale, 50/50 draws and a corn roast. Camping is available on site through Sandy Point Campgrounds, but no pets are allowed by the campground. The splash down fee for the week is \$15.00. The event has averaged over 90 pilots in the last 10 years, with all kinds of float planes from electric to turbine power, so don't miss this must attend event. For information contact the event director or E-mail the club through www.slams.ca. | 2017-615 | <http://www.slams.ca>

SEPTEMBER 11, 2017, MONDAY | Fun Fly | 7 Days | New Denver Float Fly | WEST KOOTENAY MODEL CLUB | New Denver Camp Ground | New Denver Float Fly 11-17th September- Due to local noise by-laws please leave loud aircraft at home, thanks, Jim Davis 250 304 4997 | 2017-577

SEPTEMBER 28, 2017, THURSDAY | Fun Fly | 4 Days | Gerard McHale Memorial Jet Rally | PRINCETON R/C JET FLIERS | FIELD - 153 AIRPORT RD. PRINCETON | Gerard McHale Annual Memorial Jet Event Turbine and High Power EDF flying only during event hours. Other types of models welcome after hours. MAAC required - Registration required to fly or dry camp. | 2017-682

OCTOBER 03, 2017, TUESDAY | Meeting/ Seminar/Clinic | 1 | Day | Radio Controlled Model Airplane Seminar | KAMLOOPS MODEL AIRPLANE SOCIETY | Kamloops North Shore Community Center | As part of the Kamloops Adult learning Society fall session, there will be an Introduction to Radio Controlled Modelling seminar. Come and learn about the great hobby of radio Controlled models. | 2017-641 | <http://www.kmasrc.ca/>

NOVEMBER 04, 2017, SATURDAY | Swap Shop | 1 | Day | Kamloops RC Airplane Swap Shop | HIGH COUNTRY FLYERS | Kamloops Indian Band - Pow Wow Grounds | Swap Shop in Kamloops, come and enjoy a day of swapping and Shopping for RC goods. November 4, 2017 opens at 09:00 and closes at 1:30 PM. Location at the Kamloops Indian Band - Moccasin Gym. Lunch will be available. | 2017-650 | <http://www.highcountryflyers.org>

MANITOBA - D

JULY 08, 2017, SATURDAY | Fun Fly | 2 Days | Pram Fly | PATRICIA REGION AEROMODELLERS INC | PATRICIA REGION AERO MODELLERS | Pram will hosting

their annual Funfly at the Field on Johnston rd. Hot dogs and hamburgers will be available for lunch and BBQs are available to make your supper or go with a group to local restaurant. there will be prizes and raffle for a Polaris. dry camping available at the field. come out and have some fun | 2017-554

JULY 29, 2017, SATURDAY | Fun Fly | 2 Days | Air Fest 2017 | LAKEHEAD AEROMODELERS | HIGH 61 & AND LITTLE NORWAY RD, | Lakehead Aeromodellers, Airfest 2017 Come and join in on the excitement of our Annual Airfest! All types of Aircraft are Welcome, Fixed Wing, Electric, Nitro and Gas, as well as Quadcopters, Helicopters, FPV. Refreshments available on site! Contact Archie Gribben (807) 939-1056 / (807) 626-6520 or agribben@tbaytel.net for additional information. | 2017-634

AUGUST 12, 2017, SATURDAY | Fun Fly | 1 | Day | Bonny Bay Float fly | PATRICIA REGION AEROMODELERS INC | BONNY BAY | Hello again everyone. Once again Beautiful Bonny Bay Lodge will be hosting our annual float fly. This year the event will only be one day. Nancy will be preparing our lunch of hot dogs and hamburgers for a nominal fee. The lodge is not providing the supper meal this year....we will organize a supper outing with all that are interested. Flying can start at 10 am (quiet electrics can start earlier), and fly until dusk. Looking forward to seeing everyone! | 2017-619

AUGUST 18, 2017, FRIDAY | Fun Fly | 3 Days | Gimli Model Fest presents RC Expo 2017 | INTERLAKE RADIO CONTROL MODEL CLUB | MINERVA ROAD, 1 MILE WEST OF PTH 8 | Gimli Model Fest presents RC Expo 2017. For many, GMF begins after they have attended the Cellar Dweller event the weekend before. Come out for the week. Open flying all week and weekend. Public will be out to watch the flying displays Saturday and Sunday. No structured Air Show allows for more pilot involvement. MC "Hammer" Keith will be on site calling the flights. Days full of flying, nights filled with campfires, does it get any better than that!! Join us for Saturday Evening Dinner at the field. Plenty of room for travel trailers and tent. Clean toilets. Bring the family and enjoy the inland ocean and all that Gimli has to offer. | 2017-515

AUGUST 26, 2017, SATURDAY | Fun Fly | 1 | Day | Annual Fun Fly | DIAMOND ACES R/C FLYING CLUB | | There will be a food vendor on sight over the noon hour. There are also many nearby restaurants. There is no rain date, no prizes, and no landing fees. | 2017-522 | <http://www.diamondacesrc.ca>

SEPTEMBER 09, 2017, SATURDAY | Fun Fly | 2 Days | Lakehead Aeromodellers

Annual Float Fly | LAKEHEAD AEROMODELERS | BOULEVARD LAKE | Lakehead Aeromodellers Annual Float Fly 2017 To be held on the beautiful shores of Boulevard Lake, in Thunder Bay, Ontario. Refreshments on site, Washroom facilities on site. All type of Aircraft are Welcome! Pilot registration \$10.00 covers both days of the Float Fly Contact Archie Gribben (807) 939-1056 Cell (807) 626-6520 or agribben@tbaytel.net for additional information. | 2017-635

SEPTEMBER 16, 2017, SATURDAY | Fun Fly | 2 Days | Kenora's End of the Season Fall wheeled Fun Fly | LAKE OF THE WOODS AEROMODELERS | Main Field Wheels | The fall days are upon us, the daylight is getting shorter, the temperatures have cooled off, the leaves are turning color and the birds have started their flights to the south. This is the perfect time to come to the Kenora airfield and enjoy a relaxing time with your friends. Dry camping sites are available. There will be an onsite food concession. Note - the evening bonfire, the bright stars and the northern lights is always a great way to end the day. | 2017-05

OCTOBER 14, 2017, SATURDAY | Meeting/Seminar/Clinic | 1 | Day | 2017 Zone D Annual Meeting | MANITOBA/ NORTHWESTERN ONTARIO ZONE | Western Turbo and Fuel Injection Ltd | Don't forget to bring a chair to the meeting. | 2017-09

MIDDLE - E

JULY 08, 2017, SATURDAY | Fun Fly | 1 | Day | Springvale Skills Challenge | CANADIAN MODEL AEROTOW SOCIETY | FIELD - 103 CON 14 WALPOLE SPRINGVALE HAGERSVILLE, ON NoA 1Ho | CMAS (Canadian Model Aerotow Society) hosts the Skills Challenge Aerotow at Springvale on July 8th, 2017. Sailplanes (Scale and non-Scale with aileron control) to 6 meters will be hauled skyward by the tugs available. Combination Tug and Sailplane Exercises and landings are included. Spectators are welcome. Drop by and chat or even volunteer to act as a spotter for a sailplane pilot. MAAC or AMA Membership is required. Landing fee is \$5.00 for non CMAS Pilots. Bottled water will be provided for all pilots. Bring your own Lunch. Camping (no hookups) is available on site from Friday evening This is a CMAS Medal Program event Pilots Meeting at 9:30am Please note: Sunday 9th is Event Date Alternate if conditions on Saturday preclude flying activity. CD: Gerald Fritz 519-893-7558 or email <gerald.fritz@sympatico.ca> | 2017-653 | <http://www.aerotowontario.org>.

JULY 15, 2017, SATURDAY | Fun Fly | 1 | Day | Charity Summer Fun Fly | NIAGARA REGION MODEL FLYING CLUB | WALKER FIELD | This is the BIG one! Open to the public! Bring a lawn chair, some sun screen and prepare to be entertained! Jets, prop planes, aerobatic, scale and sport will be tearing up the skies with some incredible flying! BBQ burgers, hot dogs, fresh cut French fries and drinks available on-site. Draw prizes to be given away in the afternoon. Bring the family, meet the pilots, see some amazing planes and enjoy your own private Air Show, up front and personal! Proceeds to support the Niagara Children's Centre | 2017-24 | <http://www.nrmfc.ca>

JULY 16, 2017, SUNDAY | Fun Fly | 1 | Day | CMACi Fun Fly | CAMBRIDGE MODEL AERO CLUB INC. | CMACI FIELD | www.cmaci.50webs.com/ | 2017-531 | <http://cmaci.50webs.com>

JULY 22, 2017, SATURDAY | Fun Fly | 1 | Day | Springvale Open Invitational | CANADIAN MODEL AEROTOW SOCIETY | FIELD - 103 CON 14 WALPOLE SPRINGVALE HAGERSVILLE, ON NoA 1Ho | CMAS (Canadian Model Aerotow Society) hosts the Open Invitational Aerotow at Springvale on July 22nd, 2017. Sailplane and Tug Pilots from near and far are invited to enjoy the open skies and 2000' runways which make Springvale a favorite with all who fly there. Pilots Choice Awards For Best Vintage Sailplane, Best Modern Sailplane and Best Towplane. Spectators are welcome. MAAC or AMA Membership is required. Bottled water will be provided for all pilots. Bring your own Lunch. Camping (no hookups) is available on site from Friday evening Please note: Sunday 9th is Event Date Alternate if conditions on Saturday preclude flying activity. This is a CMAS Medal Program event. One of the best locations for achieving a Gold (Flights exceeding 60 minutes duration). Pilots Meeting at 9:30am each day Please note: Sunday 9th is Event Date Alternate if conditions on Saturday preclude flying activity. CD: Manfred Eiberger (905) 844-0241 or email <m.eiberger@sympatico.ca> | 2017-654 | <http://www.aerotowontario.org>.

AUGUST 05, 2017, SATURDAY | Fun Fly | 1 | Day | Garth Mitchell Memorial Float Fly | NIAGARA REGION MODEL FLYING CLUB | BIEDAS FLOAT FLY FIELD | Come experience Float Flying at its best! World class man-made lake boasts and ideal setting. Easy access to flying site, launching area and retrieval. PLUS great company! \$5 Splash Down Fee includes a free BBQ lunch. Rain Date: August 6th, 2017 | 2017-575 | <http://www.nrmfc.ca>

AUGUST 05, 2017, SATURDAY | Fun Fly | 1 | Day | Oakville Revival Aerotow | CANADIAN MODEL AEROTOW SOCIETY | FIELD - 103 CON 14 WALPOLE SPRINGVALE HAGERSVILLE, ON N0A 1H0 | CMAS (Canadian Model Aerotow Society) hosts the Oakville Revival Aerotow at Springvale on Aug 5th, 2017. This highly successful Aerotow event has found a new venue here at Springvale. Sailplanes (Scale and non-Scale with aileron control) to 6 meters will be hauled skyward by the tugs available. Spectators are welcome. Drop by and chat or even volunteer to act as a spotter for a sailplane pilot. MAAC or AMA Membership is required. Landing fee is \$5.00 for non CMAS Pilots. Bottled water will be provided for all pilots. Bring your own Lunch. Camping (no hookups) is available on site from Friday evening This is a CMAS Medal Program event Pilots Meeting at 9:30am each day Please note: Sunday 9th is Event Date Alternate if conditions on Saturday preclude flying activity. This is a CMAS Medal Program event. One of the best locations for achieving a Gold (Flights exceeding 60 minutes duration). Pilots Meeting at 9:30am each day Please note: Sunday 6th is Event Date Alternate if conditions on Saturday preclude flying activity. CD: Jim Eichenberg 905-849-9721 or email <jeichen@direct.com> | 2017-655 | <http://www.aerotowontario.org>.

AUGUST 12, 2017, SATURDAY | Fun Fly | 1 | Day | Burlington Bay Flying Circus | BURLINGTON RADIO CONTROL MODELERS CLUB INC. | BAYVIEW PARK | Burlington Radio Control Modelers present the Burlington Bay Flying Circus. The event of the year. Filled with thrills and spills but mostly lots of fun for pilots and spectators. So pack your kits and bring Uncle Bob and Aunt Tilly and all the neighbours to the event that is sure to be the talk of the town. Featuring Pancho's Bar and Hot Dog Emporium, made famous in the movie The Correct Stuff - the story of the early RC pilots - which is soon to be created. | 2017-487 | <http://www.brcm.org>

AUGUST 19, 2017, SATURDAY | Fun Fly | 1 | Day | 7th Annual Vintage Fly-In | ROSE CITY MODEL FLYERS INC. | Marshville Air Park | AUGUST 19 / VINTAGE FUN FLY / 1 DAY / ROSE CITY MODEL FLYERS / 7TH ANNUAL VINTAGE FUN FLY / MARSHVILLE AIRPARK / WAINFLEET / NO LANDING FEE/FREE SPECTATOR ADMISSION GOT A MODEL(S) OF ANY VINTAGE AIRCRAFT THAT ACTUALLY EXISTED FROM THE "DAWN OF FLIGHT" UNTIL THE END OF 1939? YOU ARE INVITED AND ENCOURAGED TO SHOW OFF YOUR TREASURES AT OUR VINTAGE ONLY EVENT. GOT SOMETHING YOU MAY NOT WISH TO

FLY? BRING IT ALONG AND SHOW IT OFF IN OUR STATIC MODEL HANGER. OUR SPECTATORS REALLY LOVE TO GET UP CLOSE AND TO TALK WITH "VINTAGE" PILOTS. VINTAGE FLYING COMMENCES 09:00 AND ENDS 15:00 FOLLOWING WHICH TIME THE FIELD WILL BE OPEN TO ANY AIRCRAFT FROM ANY ERA. GOT A NIGHT FLYER? BRING IT ALONG! NIGHT FLYING UNTIL 22:00 HRS. ENJOY THE UNOBSTRUCTED APPROACHES TO OUR MANICURED 500 FOOT RUNWAY. BRING SUNSCREEN, KICK BACK IN YOUR LAWN CHAIR, WORK UP AN APPETITE. TASTY BBQ'D HAMBURGERS, HOT DOGS, FRENCH FRIES, COFFEE, SOFT DRINKS AND BOTTLED WATER ARE AVAILABLE. DON'T FORGET YOUR LUCKY CHARM. THIS YEAR'S RAFFLES WILL INCLUDE A VINTAGE AIRCRAFT KIT. HOURLY PILOT RAFFLES, FLYING PRIZES, AWARDS FOR: SPECTATOR FAVOURITE, RAREST MODEL, MOST SPECTACULAR FLIGHT, YOUNGEST PILOT, BEST STATIC MODEL. WEATHER PERMITTING; JOIN US AROUND OUR CAMPFIRE FRIDAY AND SATURDAY NIGHTS. VERY LIMITED DRY CAMPING AVAILABLE. COME EQUIPPED WITH YOUR FINEST TALES...AND YOUR BEVERAGE OF CHOICE THIS IS A MAAC SANCTIONED EVENT. ALL PILOTS MUST DISPLAY A CURRENT MAAC OR AMA LICENSE. TO RECEIVE YOUR REGISTRATION DOCUMENTS AND MAP TO FIELD CONTACT EVENT DIRECTOR WAYNE J WARNICA, "waynejames.warnica@gmail.com" (2017-08-19) | 2017-16 | <http://www.rosecitymodelflyers.com>

AUGUST 19, 2017, SATURDAY | Fun Fly | 1 | Day | Annual Fun Fly | STONEY CREEK HAWKS | 1165 GREEN MOUNTAIN RD STONEY CREEK | The Stoney Creek Hawks will be hosting their Annual Fun Fly on Saturday, August 19th between 10:00 and 16:00 (rain delay August 20th). All types of planes and helicopters welcome. \$10 landing fee includes entry to a draw for prizes. Food and drinks will be available. Please monitor our website www.stoneycreekhawks.com for updates in case of inclement weather. | 2017-443 | <http://www.stoneycreekhawks.com/>

AUGUST 26, 2017, SATURDAY | Fun Fly | 1 | Day | Springvale Season Closer | CANADIAN MODEL AEROTOW SOCIETY | FIELD - 103 CON 14 WALPOLE SPRINGVALE HAGERSVILLE, ON N0A 1H0 | CMAS (Canadian Model Aerotow Society) hosts the Season Closer Aerotow at Springvale on August 26th, 2017. Sailplanes (Scale and non-Scale with aileron control) to 6 meters will be hauled skyward by the tugs available. Spectators are welcome. Drop by and chat or even volunteer to act

as a spotter for a sailplane pilot. MAAC or AMA Membership is required. Landing fee is \$5.00 per day for non CMAS Pilots. Bottled water will be provided for all pilots. Bring your own Lunch. Camping (no hookups) is available on site from Friday evening This is a CMAS Medal Program event Pilots Meeting at 9:30am each day Please note: Sunday 6th is Event Date Alternate if conditions on Saturday preclude flying activity. CD: Dick Colley 905-296-4027 or email <colleydogge59@gmail.com> | 2017-656 | <http://www.aerotowontario.org>.

SEPTEMBER 09, 2017, SATURDAY | Air Show/Demo | 2 Days | KW Flying Dutchmen Scale Rally | KITCHENER WATERLOO FLYING DUTCHMEN R/C CLUB | WATERLOO ROD & GUN CLUB | 48th Annual KW Flying Dutchmen Scale Rally Waterloo Rod & Gun Complex (Near St. Jacobs) September 9 & 10th, 2017 Saturday 9:00 a.m. - 5:00 p.m. Sunday 9:00 a.m. - 3:00 p.m. Friday night we welcome the pilots with a corn roast in the evening. Flying begins at 9 a.m. each day, after the pilots meeting, and continues until 5 p.m. on Saturday and 3 p.m. on Sunday. Saturday Night - Wine & Cheese 5-6 pm for pilots, Hamburgers & Hotdogs available after Wine and Cheese. There is also an "Air Show" at 1:00 p.m. on both both days featuring aircraft from various eras, unique planes, helicopters, multi-engine aircraft and jets. On site camping available, first come first serve. \$10 per night, \$15 with hydro. (limited sites). 72 mhz allowed but no impound available. Frequency pins will be self regulated. Admission is \$7 per day for spectators, kids under 12 years \$1 per day. Pilots are Free!!! | 2017-594 | <http://www.kwflyinggutchmen.com>

SEPTEMBER 16, 2017, SATURDAY | Fun Fly | 1 | Day | Fall Float Fun Fly Finale | NIAGARA REGION MODEL FLYING CLUB | BIEDAS FLOAT FLY FIELD | The last chance to get your floats wet before the end of the year! Enjoy an amazing day of flying from one of the best Float Fly sites in the region. \$5 Splash Down Fee gets you a full day of flying and a BBQ lunch! Rain Date: September 17th. | 2017-574 | <http://www.nrmfc.ca>

SEPTEMBER 23, 2017, SATURDAY | Fun Fly | 1 | Day | Royland (Fergus) Sailplane Aerotow Season Closer Sep.23,2017 | ROYLAND GLIDER FLYERS | Royland Glider Flyers | Royland (Fergus) Sailplane Aerotow Season Closer Sep.23,2017 1 day event Saturday Sep 23,2017. In the event of cancellation due to weather conditions on Saturday the event will move to Sunday Sep.24,2017 No charge for CMAS members, with a \$5.00 entry fee for non members Open to all towable scale and semi scale

sailplanes No charge for spectators, all welcome A great venue to end the season , usually accompanied by great thermals and very long flights Bring along a deck chair and lunch All participants must have a current valid MAAC or AMA membership All MAAC rules will be applied | 2017-601

NORTHERN ONTARIO - F

JULY 29, 2017, SATURDAY | Competition | 2 Days | 13th Annual NOIC | SUDBURY MODEL AIRCRAFT CLUB | GARSON/ CONISTON ROAD SUDBURY | Join us for the 13th annual NOIC now back in beautiful Sudbury! This is a full two day IMAC competition with all classes (regular sequence for Advanced and Unlimited) including freestyle. Prizes, dinner and all the fun of past years and as always we welcome and will help Basic pilots live to tell their tales! Register on the IMAC site (www.mini-iac.com) | 2017-527 | <http://smac.vianet.ca>

AUGUST 05, 2017, SATURDAY | Fun Fly | 1 | Day | Float Fly | SAULT STE MARIE MODEL AIRPLANE RADIO CONTROL CLUB | LEIGH'S BAY ROAD | Second annual Float Fly held on Leigh's Bay at the Sault Field. Float and seaplanes only. Check the club's web page soomodellers.ca for further details as they become available. | 2017-422

AUGUST 12, 2017, SATURDAY | Fun Fly | 1 | Day | Annual NIPMAC Fun Fly | NIPissing MINIATURE AIRCRAFT CLUB | CRANBERRY FIELD | NIPMAC's annual Fun Fly. Coffee served at 9 am. Entry fee includes lunch and comradeship. All flying contraptions welcomed. Door prizes and awards. Bring your own chair and a great attitude. Rain Day Sunday. NIPMAC | 2017-580 | <http://www.nipmac.ca>

OTTAWA VALLEY - G

JULY 08, 2017, SATURDAY | Fun Fly | 1 | Day | Barry Forbes Memorial Float Fly | RIDEAU VALLEY MODELERS | HWY 43 KEMPTVILLE | The Rideau Valley Modelers invite you for a day of float flying fun! Over 17 acres of water. Ample parking. No facilities for overnight camping. Come and spend the day with leisurely flying throughout. Strictly a fun fly. Food will be available at lunch time. Rain date Sunday July 9. Any cancellations will be posted to our website or Facebook page. | 2017-387 | <http://www.rideauvalleymodelers.weebly.com>

JULY 15, 2017, SATURDAY | Air Show/ Demo | 2 Days | ORCC'S WARBLER EVENT & PIG ROAST | OTTAWA R/C CLUB | FIELD - 4550 CAMBRIAN ROAD | Join us for an exciting day and night of flying. Lunch

and refreshments will be available and of course for dinner our excellent roast pig. We will have a couple of Flite Test combat sorties and starting at dusk night flying. There is camping available (no hookups) and open flying on Sunday. We have an excellent 800 ft runway with lots of room for everybody. There will be some great prizes and a 50/50 draw. Rain date Sunday weather permitting | 2017-481 | <http://www.ottawarcclub.ca/>

JULY 19, 2017, WEDNESDAY | Fun Fly | 1 | Day | Senator Fun Fly | CORNWALL AEROMODELLERS | LEGER LANDING | Senator fun Fly This is a special event for all retirees to enjoy a casual mid-week fun Fly and meet old friends in a relaxed atmosphere. Cantine will open at noon. <http://www.cornwallaeromodellers.ca> | 2017-460 | <http://www.cornwallaeromodellers.ca>

AUGUST 05, 2017, SATURDAY | Fun Fly | 2 Days | Zone Fun fly | OTTAWA VALLEY ZONE | Arnprior Radio Control club main field | Come and join us for a weekend of fun, friends and fellowship. Arnprior Radio Control Club hosts this amazing event again this year. Their 800 foot grass strip field with the sun at your back and sheltered pilot area is the best. BBQ lunch available as well as a supper meal on Saturday. Pilot door prizes on Saturday. Note that there is no pre-registration this year. See you all there. | 2017-539

AUGUST 12, 2017, SATURDAY | Competition | 2 Days | Stetsons IMAC Competition | STETSON FLYERS | FIELD - 5800 FRONTIER RD. OTTAWA | The Stetson IMAC Weekend will be held again this year as a complete two-day contest, per IMAC regulations. All classes will be flying. As this is a Team Canada selection year, we really hope to see a great turnout from across Eastern Canada. Bring the family to Ottawa on our 150th Anniversary, and enjoy a great weekend of Scale Aerobatics, friendship, and wonderful food from the Stetsons Canteen. The always enjoyable Pilots and Guests dinner will be held Saturday evening. Free Camping at the field (no hookups) and lots of Stetson hospitality to welcome everyone! Be sure to put this weekend on your schedule! Special low entry fee of \$10 for BASIC class pilots! Come on out and give this a try! | 2017-454 | <http://www.stetsonflyers.com>

AUGUST 12, 2017, SATURDAY | Fun Fly | 1 | Day | Cornwall Aero Modellers Annual Fun Fly | CORNWALL AEROMODELLERS | LEGER LANDING | The Cornwall Aero Modellers Club is hosting it's annual Fun Fly on August 12th 2017. The event will take place at the CAM field (see www.cornwallaeromodellers.ca for directions).

Flying will start at 9:00am. Can-teen will be open for lunch. \$10.00 landing fee will get you registered. Contact: Merv Blizzard: mervblizzard@gmail.com or Jack Dikland: jdikland@gmail.com <http://www.cornwallaeromodellers.ca> | 2017-459 | <http://www.cornwallaeromodellers.ca>

AUGUST 19, 2017, SATURDAY | Fun Fly | 2 Days | 30th Annual Ottawa Valley Giant Scale Rally in Kingston | KINGSTON R/C MODELLERS | FIELD - 10 KM NORTH OF ODESSA | August 19-20, 2017 - 30th Annual Ottawa Valley Giant Scale Rally in Kingston. Hosted by the Kingston Radio Control Modellers and the Ottawa Valley Giant Scale club. Registration at 8:00 am and flying from 9:00 - 5:00pm on both days. 400 ft grass runway. Limited camping, no hookups. Concession, Kingston style Saturday night feast. Raffles and door prizes. Rule 80" wingspan for monoplanes, 60" for biplanes or ¼ scale. Must be current member of MAAC or AMA. Landing fee \$20, Contact: Dave Penchuk, cell: (613) 795-6076, Email: dave.penchuk@bell.net or Rolly Siemonsen, home: (613) 389-3631, cell (613) 572-3631 Email: rolly@bell.net Directions: <http://www.krcm.org/map.pdf> Website: <http://www.giantscalecanada.com> | 2017-02 | <http://www.krcm.org>

AUGUST 26, 2017, SATURDAY | Fun Fly | 2 Days | Stetson Giant Scale Weekend | STETSON FLYERS | FIELD - 5800 FRONTIER RD. OTTAWA | The BIG Stetsons Giant Scale Weekend is ON! Make your plans to attend this exciting and friendly weekend of BIG fun! Bring your BIG appetites as well, for the special Saturday Field Dinner. Roast Pig? Could be! All types of Giant Scale aircraft are welcome. Bring 'em and fly 'em! The famous Stetson Canteen will be open for lunch. This is a great opportunity to fly at one of the nicest fields in the zone. Lots of room to camp for free. (sorry, no hookups) Scott and the gang put on a great event every year, so be sure to include this one in your schedule! | 2017-453 | <http://www.stetsonflyers.com>

SEPTEMBER 02, 2017, SATURDAY | Competition | 2 Days | BQAC Pattern Competition | BAY OF QUINTE AEROMODELLERS | 320 STINSON BLOCK RD. CONSECON, ON | All MAAC Precision Aerobatics classes and FAI P17 & F17 will be flown. Awards will be presented to third place in each class. Aircrafts will not be measured or weighed. Any MAAC legal model may be flown in the sportsman class. Registration Fee \$30.00 (Lunch included Saturday & Sunday) Please contact Dave Hancock (613) 394-0541 or by email dhancock3@cogeco.ca to pre register the following information: Name:

Class: Frequency: MAAC/AMA#: Email: Registration from 8:30am to 9:00am Flying starts at 9:00am both days. | 2017-628 | <http://www.bqac.ca>

SEPTEMBER 08, 2017, FRIDAY | Fun Fly | 3 Days | Fall Float Fly | CORNWALL AEROMODELLERS | CREG QUAY MARINA | Come and enjoy casual day of Float Flying in the beautiful setting of Creg Quay Marina. Event starts Friday after noon and all day Saturday. Saturday night pot-Luck dinner. Campers welcome to arrive Friday and stay overnight Friday and Saturday. <http://www.cornwallaeromodelers.ca> | 2017-458 | <http://www.cornwallaeromodelers.ca>

SEPTEMBER 09, 2017, SATURDAY | Fun Fly | 2 Days | Greater Ottawa Aero-Tow | ARNPRIOR RADIO CONTROL CLUB | FIELD - 5556 LOGGER WAY ARNPRIOR, ON | The Greater Ottawa Aero-Tow group will host its annual aero-tow fun fly at the Arnprior RC Club field on 9 and 10 September 2017. Flying will begin at 09:30 each day, weather permitting, but talking about aero-towing will begin much earlier, rain or shine. While this is a pretty informal get-together, current MAAC or AMA membership is required. Spectators are encouraged to drop by to chat, take some pictures or just hang out. Coffee, lunch, and plenty of water will be provided for a registration fee of \$15.00 for the weekend and Saturday evening will feature a no-host dinner gathering - where more talking about flying (and other things) can take place. The Arnprior RC Club field is located a half-hour west of Ottawa, Ontario, Canada and features a 750 foot-long grass runway with plenty of surrounding bailout area. The field and the local tugs easily handle 6-meter sailplanes. For more information or directions, please contact Aurele Alain at Aurele.Alain@gmail.com. | 2017-486 | <http://www.arnpriorradiocontrolclub.com/>

SEPTEMBER 16, 2017, SATURDAY | Fun Fly | 1 | Day | Electric Fun Fly | OTTAWA R/C CLUB | FIELD - 4550 CAMBRIAN ROAD | Join us for our Annual Electric Fun Fly and Night Fly. All types of electric flying machines are welcome. Lunch and refreshments will be available. We will be holding a "Flite Test" combat session after lunch. This is also our Annual President's BBQ. The BBQ is free for all club members and family and (available at a nominal fee for guests). Paul will, by request, be cooking his excellent ribs. Sides and desserts will be pot luck. Following the Night Fly, there will be a bonfire and a movie. Camping is available (no hookups). | 2017-532 | <http://www.ottawarcclub.ca/>

SEPTEMBER 23, 2017, SATURDAY |

Fun Fly | 2 Days | Fall Fun-Fly & Campout | BROCKVILLE MODEL AERO CLUB | 3953 LORDS MILL ROAD | Fall fun fly & campout, from 9am Saturday through Sunday morning. Lunch time BBQ and refreshments. Bring your own supper and something to share. Camp-out, night-flying and star-gazing under dark skies. \$5 pilot fee. Spectators are welcome. No hookups. | 2017-535 | <http://www.bmaclub.ca>

BC COASTAL - H

JULY 08, 2017, SATURDAY | Air Show/ Demo | 1 | Day | 2017 Air Show | PARKSVILLE DISTRICT AND QUALICUM FLYERS | QUALICUM beach Airport | one half hour flying demo plus an all day static display at the air cadet hanger. Pancake breakfast starts at 8:00 am. | 2017-591 | <http://www.pdqflyers.com>

JULY 09, 2017, SUNDAY | Fun Fly | 1 | Day | Fun-Scale Fly-In | BURNABY LAKE FLYERS | BURNABY LAKE PARK, EAST SPORTSPLEX, Fields 3,4,5,6 | Open to all MAAC and AMA insured pilots of scale electric aircraft. Registration opens: 9:30am. (Overall field hours: 8am-6pm) Pilot briefing: 10:00am. Admission: \$5 (includes 1 raffle ticket). Fun scale judging both static and in flight, judged by anonymous ballots. Judging won't begin until at about 11:00 AM. Additional raffle tickets for great prizes available for purchase. Prizes and draw: Trophies for several aircraft classes, plus raffle draw, in mid-afternoon. Food: pizza, pop, water supplied free. | 2017-489 | <http://www.hoods-up.com>

JULY 22, 2017, SATURDAY | Competition | 2 Days | Pattern in the Valley | SPECTRUM FLYERS | FIELD - 4868 168 STREET SURREY | Start time is 9:00 AM with pilots meeting. Coffee and muffins for morning and a lunch provided for pilots and volunteers on both days. \$30 pilot registration. Camping at the field, with BBQ's available to cook your dinner. First time Sportsman pilots are free. No better time to give it a try. Spectrum is a 2.4 radio frequency club, we cannot allow 72mhz radios. Awards issued to 3rd place for each class. For further information please contact the CD's at, hughsonh@gmail.com or dblaby@shaw.ca. | 2017-598

JULY 23, 2017, SUNDAY | Fun Fly | 1 | Day | Joel Clarkston Memorial Scale Rally | RADIO CONTROL AERONAUTICS ASSOCIATION | MERVILLE FIELD | Flying at the already beautiful but now much LARGER RCAA Comox Valley site in Merville. Check our club page <http://www.rcaa.ca/> for pics of the recent clearing. The Joel Clarkston Memorial Trophy will be awarded to the best overall aircraft that flies. | 2017-571 |

<http://rcaa.ca/>

JULY 29, 2017, SATURDAY | Fun Fly | 1 | Day | Mission Wings RC Helicopter Fun Fly | MISSION WINGS MODEL FLYING CLUB | FIELD - 10279 FARMS RD. MISSION | It's, once again, time for the Mission Wings RC Heli Fun fly. All helicopters are welcome, including multi-rotors, scale, 3D, and more. As usual it will be a one day event only. Flying starts no earlier than 9:00 am and the pilots meeting will be shortly before that. Flying lasts until people go home or dark, whichever comes first. This is an excellent event for first timers to come to their first fun fly. We try to be friendly, open, and welcoming to all heli pilots from beginner to pro. Come check it out and be ready to have fun. Proof of MAAC will be required to fly. | 2017-541 | <http://www.missionwings.ca>

AUGUST 04, 2017, FRIDAY | Air Show/ Demo | 3 Days | Victoria's Largest Little Airshow | VICTORIA RADIO CONTROL MODELERS | MICHELL AIRPARK | 16th Annual VICTORIA'S LARGEST LITTLE AIRSHOW - August 5th & 6th, 2017. Admission by donation. ALL proceeds to local charity. Over 4000+ spectators. All scale pilots welcome, no entry fee, free Saturday night dinner. Must arrive no later than Friday morning for plane inspection and practice flights. Registration in advance is mandatory. Contact jackprice@shaw.ca and visit <https://www.facebook.com/VictoriasLargestLittleAirshow/> | 2017-544 | <http://www.vrcms.org>

AUGUST 05, 2017, SATURDAY | Competition | 2 Days | Western Canadian Stunt Championships | VANCOUVER GAS MODEL CLUB | RICE MILL ROAD | Western Canadian Stunt Championships Control Line Saturday: Old time Stunt, Classic Stunt and Profile Sunday: Four classes PAMPA Stunt (Beginner, Intermediate, Advanced and Expert) | 2017-567

AUGUST 11, 2017, FRIDAY | Fun Fly | 3 Days | Heli funfly | PARKSVILLE DISTRICT AND QUALICUM FLYERS | KISKARDE RD. | Funfly format, no competitions, \$20 landing fee. Hot dog BBQ lunch concession. Saturday night BBQ dinner \$10. All skill levels welcome. Great place to get assistance with set up and flying practice. Dry camping available. Worlds greatest charging system available!!!! | 2017-703 | <http://www.pdqflyers.com>

AUGUST 13, 2017, SUNDAY | Fun Fly | 1 | Day | Mission wings fun fly | MISSION WINGS MODEL FLYING CLUB | FIELD - 10279 FARMS RD. MISSION | The ninth, I think' (?) annual Mission Wings Members fun fly. Members are invited to the annual Mission Wings fun fly. Members may bring

a guest. It will be held on Sunday August 13th, 2017. Pilots meeting 9.30am. Flying starts 10am All pilots will be required to sign in. Must have MAAC card. There is no entry fee. Come and enjoy a day's flying with the other members of your club. Members may bring a guest. There will be lots of food and drink available all day for your enjoyment. The club house will be open with gourmet coffee. If you have anything to sell, swap or give away, bring your stuff / junk to the fun-fly. Your stuff / junk are someone else's treasure. Paul Bedford, friendly, effervescent, event director. Don't contact me, just be there. | 2017-542 | <http://www.missionwings.ca>

AUGUST 26, 2017, SATURDAY | Fun Fly | 2 Days | Kamikaze Fun Fly | WEST COAST RADIO CONTROLLED AIRCRAFT FLYERS SOCIETY | UPPER COQUITLAM RIVER PARK | Kamikaze Fun Fly 2017 / StrykerFest 10 10th year putting this event on, hoping to have another great turnout. Talking with local FPV racing leagues and may have one of their events on the sunday, but we'll have gates setup and some races going on regardless. Bring out any type of aircraft, plane, heli, drone, anything that flies, and if you have RC gear to sell, bring that out as well and put a price tag on it. Always have lots of people out looking for new/old RC's to buy. Special events will include some fun games with prizes and pilots will be given door prize tickets for the end of each day. Landing Fees are \$0, nothing to come to the event but your MAAC card. Must have card on site to fly. Bring out your warbirds, or Micros for special flights with them, and Trojans for our Trojan wars streamer competition. 80' Streamer provided, just bring enough power to pull it, and whatever else you capture. Two days again this year, Saturday the main day, and Sunday we'll have FPV gates setup to do some fun races. Hope to see you all there. More information, contact jeffjayne@gmail.com | 2017-644 | <http://www.wcrcaf.com>

AUGUST 26, 2017, SATURDAY | Team Trials | 2 Days | 2017 F3J Team Trials | OAKALLA HAWKS RC GLIDER CLUB | ANDERSON SOD | Oakalla Hawks will host the 2017 F3J Team Trials at the stunning Anderson Sod Farms location on the weekend of August 26th, 2017. Competitors can register in either the 'Team Select' or 'Compete for Fun' categories. Only Canadians registered as 'Team Select' competitors will be competing for a place on the 2018 Canadian F3J Team. Entry fees will be \$100 for Team Select competitors and \$20/day for 'Compete for Fun' competitors. Contact Ron Turner at rturne@shaw.ca or (604) 910-8517 for more information. | 2017-622

AUGUST 27, 2017, SUNDAY | Fun Fly | 1 | Day | Jacques Heyrman Memorial Fly-In | BURNABY LAKE FLYERS | BURNABY LAKE PARK, EAST SPORTSPLEX, Fields 3,4,5,6 | Open to all MAAC and AMA-insured pilots of all electric aircraft. Admission: \$5 (includes 1 raffle ticket). Registration opens: 9:30 AM. (Overall field hours: 8:00 AM-6:00 PM.) Pilot briefing: 10:00 AM. Fun competitions throughout the day. Additional raffle tickets for great prizes available for purchase. Food: pizza, pop, water supplied free. Competition prizes and raffle draw: Mid-afternoon. | 2017-490 | <http://www.hoods-up.com>

SEPTEMBER 09, 2017, SATURDAY | Fun Fly | 2 Days | Fraser Valley Heli Smack Down | SPECTRUM FLYERS | FIELD - 4868 168 STREET SURREY | Sept 9, Saturday/Sunday 2 days, Fraser Valley Heli Smack Down, Spectrum Flyers Field, Surrey BC. 25\$ registration fee - free overnight camping, theres no hook up so bring your generator, tent or trailer - food available for purchase - Night Flying - Pilot Prizes - 50/50 Draws - Raffle Draws - Autorotation competitions and much more. Please visit our facebook page at <https://www.facebook.com/groups/747394735416420/> and sign up or find more information about this event. Contact Colin Broughton at minitruckin.it@gmail.com | 2017-597

SEPTEMBER 10, 2017, SUNDAY | Fun Fly | 1 | Day | Mission Wings scale fun fly | MISSION WINGS MODEL FLYING CLUB | FIELD - 10279 FARMS RD. MISSION | Fun Fly" 1 Day Mission Wings R.C. Scale Fun Fly...Sept 10th 2017.....RC Scale Fun Fly, bring your replica and show off your scale building and flying skills....MAAC scale rules and flight maneuvers will be disgust and shown... This event open to planes and heli's...this is a Fun Fly, there is no official judging but pilots choice for best static and best flight of the day...pilots meeting 09:30, flying start time 10:00 am. Food and drink will be provided. CD Bruce Caird, contact rbcaird@hotmail.com.....BBB | 2017-546 | <http://www.missionwings.ca>

OCTOBER 22, 2017, SUNDAY | Meeting/ Seminar/Clinic | 1 | Day | BC Coastal Annual Zone Meeting / Swap Meet | BC COASTAL ZONE | 6306-152nd Street Surrey, B.C. | B.C. Coastal Annual Zone Meeting / Swap Meet This year we will be running the Zone Swap Meet before the Annual Zone Meeting (AZM.) The Hall will be open at 9:00 AM for the Swap Meet, which will run until 12:30 PM. There will be no Swap Meet Activity going on during the Annual Zone Meeting! If you do not wish to stay for the meeting you must remove your items before 12:30 PM. There will be "NO" Swap Meet after the meeting! There is no charge for tables

for this event, all I ask is that everyone help with the table and chair setup before the Swap Meet and AZM and to help put everything away and cleanup afterwards. The 2017 BC Coastal (H) Annual Zone Meeting will be held at the Sullivan Hall on Sunday October 22, 2017 at 1:00 PM Sharp. Registration for the AZM will start at 12:00 Noon and close at approximately 12:55 PM. If you have proxies please give them to the guys registering you in as early as possible. The Sullivan Hall is located at 6306-152nd Street Surrey, B.C. As usual Coffee and Donuts will be provided. | 2017-712

QUEBEC - I

JUNE 30, 2017, FRIDAY | Fun Fly | 3 Days | Funfly hélicoptères Asbestos | CLUB AEROMODELES ASBESTOS | TERRAIN DE VOL - 201 CH. ST-CLAUDE DANVILLE | Bienvenue à tous les pilotes d'hélicoptères, nous organisons notre funfly annuel d'hélicoptères qui aura lieu le 30 juin, 1 et 2 juillet. Camping sauvage sur place, service de cantine pour hot-dogs et hamburgers le samedi et dimanche. Le samedi soir, il y aura un souper spaghetti. Il y aura feu de camp, vols de nuit, etc... Apporter vos hélicoptères et venez voler avec nous pour cette 2e édition. On se voit bientôt!! Pour plus d'informations, Steeve St-Cyr au 819-806-2786 ou <https://www.facebook.com/events/26082397437197/> Welcome to all helicopter pilots, we organize our annual funfly of helicopters which will take place on June 30, July 1-2. Wild camping on site, restaurant service for hotdogs and hamburgers for Saturday and Sunday. For Saturday evening there will be a spaghetti dinner. There will be campfire, night flights, etc... Bring your helicopters and come fly with us for this 2nd edition. See you soon!! For more details, Steeve St-Cyr 819-806-2786 or <https://www.facebook.com/events/26082397437197/> | 2017-516 | <http://www.clubaeromodelasbestos.com>

JULY 08, 2017, SATURDAY | Competition | 2 Days | Competition I Mac Beauce 2017 | CLUB D'AVIONS MINIATURES LES PHOENIX INC. | CLUB D'AEROMODELISME LES PHOENIX | Bonjour à tous C'est avec un immense plaisir que nous vous invitons pour une 4e année au I Mac Beauce qui se déroule sur une période de 2 jours soit les 8-9 juillet 2017 Il sera possible d'arriver le vendredi en journée pour pouvoir pratiquer et admirer notre sublime terrain. Vous pourrez également profiter d'un terrain de camping sans service gratuitement. La rencontre des pilotes ce fera à compter de 8:30h le samedi pour débiter les compétitions dès 9:00h. Le coût sera de 40\$ pour chaque inscription. Que

ce soit dans la catégorie Basic, Sportman, Intermediate, Advanced, Unlimited. Un petit service de restauration vous sera offert le samedi et dimanche midi. Voici les coordonnées GPS : 46.033065 -70.704859 Bienvenue à vous tous. Daniel Laliberté 418-957-8323 | 2017-596 | <http://www.clubphoenixbeauce.weebly.com>

JULY 15, 2017, SATURDAY | Fun Fly | 2 Days | Fun Fly | CLUB AIR MODELISTE | RUE PETIT ST-JEAN, ST-ETIENNE | Le Fun Fly du Club Air Modéliste aura lieu les 15 et 16 juillet à notre site du Chemin Petit St-Jean à Lévis (secteur St-Étienne de Lauzon). Venez vous amusez et démontre vos talents de pilote. Fun Fly pour toutes les catégories d'aéronefs. | 2017-621 | <http://www.clubairmodeliste.com>

JULY 22, 2017, SATURDAY | Competition | 2 Days | IMAC 2017 | CLUB AEROMODELISME SAGUENAY INC. | VILLE DE SAGUENAY | Les 22 et 23 juillet prochain se tiendra une première compétition IMAC qui se tiendra dans notre belle région à St-Jean Vianney au Saguenay, tout les pilotes intéressés de la province sont invités venez découvrir notre site sur un piste asphaltée une cantine sera présente tout au long de la fin de semaine, bienvenu à tous. | 2017-396 | <http://www.aeromodelismesaguenay.com>

AUGUST 12, 2017, SATURDAY | Fun Fly | 2 Days | Fun fly 2017 | CLUB AEROMODELES ASBESTOS | TERRAIN DE VOL - 201 CH. ST-CLAUDE DANVILLE | Le Club Aéromodèles Asbestos organise son festival les 12 et 13 août. Un service de restauration sera sur place durant la journée. Vous pouvez camper sur place mais sans service. Il est possible d'arriver le vendredi. Très belle piste gazonnée, dans un environnement paisible. L'entrée est gratuite. Bienvenue à tous les pilotes (jets, avions, hélicoptères, drones). N'oubliez pas d'apporter vos avions de combats électriques ainsi que vos avions illuminés, car il y aura des vols de nuit. Pour indications routières, consulter notre site internet: www.clubaeromodelesasbestos.com Pour plus d'informations s'adresser à Richard Cloutier au 819 879-2633 ou Serge Auger au 819 878-3253. | 2017-428 | <http://www.clubaeromodelesasbestos.com>

AUGUST 19, 2017, SATURDAY | Fun Fly | 2 Days | Funfly 2017 | CLUB AEROMODELISME SAGUENAY INC. | VILLE DE SAGUENAY | Les 19 et 20 août 2017 se tiendra notre festival annuel à notre terrain de St-Jean-Vianney au Saguenay, grand terrain pour des roulottes mais sans service d'eau, une cantine et des toilettes sur place seront à votre disposition Bienvenue à tous. | 2017-611 | <http://www.aeromodelismesaguenay.com>

AUGUST 19, 2017, SATURDAY | Fun Fly | 1 | Day | FunFly 2017 | 3RC | (3RC) Trois-Rivières hélicoptère RC. | Fun fly amical 2017 du club Trois-Rivières hélicoptère RC l'activité vas se tenir au terrain officielle du Club a St-Barnabé-nord! Le tout débute à 10:00h possibilité de diner et souper sur place. Remis au lendemain en ça de pluie. Bienvenue à tous | 2017-642

SEPTEMBER 02, 2017, SATURDAY | Fun Fly | 2 Days | Funfly 2017 | CLUB D'AVIONS MINIATURES LES PHOENIX INC. | CLUB D'AEROMODELISME LES PHOENIX | Le Club Phoenix vous invite à son merveilleux site de vol en Beauce pour son funfly 2017 qui aura lieu la fin de semaine de la Fête du travail. Camping sans service, toilettes, méga feu de camp Phoenix en soirée. Avions, jets et hélicoptères les bienvenus. | 2017-617 | <http://www.clubphoenixbeauce.weebly.com>

ST LAWRENCE - J

JULY 01, 2017, SATURDAY | Display | 1 | Day | COTE ST LUC CANADA DAY | ST LAWRENCE ZONE | Parc Pierre Welliot Trudeau Cote St Luc | Cote St Luc Canada Day July 1.17 9:00 AM to 2:00 PM Park Pierre Elliot Trudeau Park 6975 Mackle Rd : Cote St Luc; H4W 1A5 Static and Dynamic Display Exhibitors Welcome | 2017-698

JULY 29, 2017, SATURDAY | Fun Fly | 2 Days | FUN FLY AMICAL au CARC LANAUDIÈRE de ST-LIGUORI les 29 & 30 juillet 2017 | CARC LANAUDIÈRE | TERRAIN 991 RG MONTCALM ST-LIQUORT | FUN FLY AMICAL au CARC LANAUDIÈRE de ST-LIGUORI les 29 & 30 juillet 2017 Venez visiter le site de vol qualifié du plus beau au Québec par plusieurs pilotes. Il sera possible de camper sur le site si les conditions du terrain le permettent. Bouffe disponible sur place : Hot Dogs, Saucisses, Chips, Boissons Gazeuses, Eau, etc. Feu de Camp en soirée. N'oubliez pas d'apporter vos Avions de Combat Électriques. Des sessions de Vols de Nuit sont prévues, donc apporter vos modèles illuminés. Coordonnées GPS N46.013, W73.575. Entrée du terrain face au 991 Rang Montcalm à St-Liguori. Pour informations : Pierre Morel 450 760-9828 ou aeropm@videotron.ca <http://www.carclanaudiere.com> | 2017-690

AUGUST 05, 2017, SATURDAY | Fun Fly | 2 Days | festival | CLUB AVION MODELE GRANBY INC | MUNICIPALITE DE GRANBY - 1200 BOUL. INDUSTRIEL | FESTIVOL,,,LE 5 ET 6 AOUT 2017 AU 1200 BLV.INDUSTRIEL,GRANBY, camping sauvage à partir du vendredi le 4 aout pour les membres du MAAC.. samedi soir

illuminé pour les participants comprenant vol de nuit et feu de camp.Bienvenue Welcome vous pouvez nous rejoindre au 450-263-4818 ou sunshine65@hotmail.com | 2017-519

AUGUST 12, 2017, SATURDAY | Fun Fly | 2 Days | FunFly 2017 | CLUB AEROMODELISME MARS INC. | Club Mars Lachenaie | FunFly 2017 Bienvenue à tous. Aucun Frais pour les pilotes qui s'incrivent pour voler. Espace de camping (sans services) disponible, SVP nous aviser. - Aire de pic-nique, - Aire de jeux pour enfants, - Apporter votre lunch ou cantine disponible sur place, - Prix par automobile de \$10) Nous donnerons accès aux puits des pilotes régulièrement pour échanger avec ceux-ci et voir nos modèles de plus près. SVP CONTACTER info@clubmars.org. ===== 2016 Club Mars FunFly is on! Welcome to everyone. No fees for visiting pilots registering to the event. Camping Space available (no services), please notify us.. -Picnic area, -Kids Playground, -Bring your lunch or Canteen available on site, -Entrance fee is \$10 per car . We will give access to the Pilot's Pits on regular basis to exchange with them and have a closer look at the models. PLEASE CONTACT info@clubmars.org | 2017-588 | <http://www.clubmars.org>

AUGUST 25, 2017, FRIDAY | Competition | 3 Days | Lacolle International Championship 2017 | CLUB R/C LES ARPENTS V'AIR | Gazonnière Lacolle | LACOLLE INTERNATIONAL CHAMPIONSHIP Aug. 25-27 2017 4th annual MAAC sanctionned international electric soaring championship LACOLLE, QUEBEC, CANADA This is a three days program counting for two distinct ALES competitions and one FAI F5J competition. EVENTS Friday F5J competition (FAI F5J Intertour sanctionned) Saturday ALES 1 (ESL sanctionned) Sunday ALES 2 (ESL sanctionned) More details at <http://ArpentsVairRC.org/> | 2017-13 | <http://arpentsvairrc.org/>

SASKATCHEAWN - K

JULY 08, 2017, SATURDAY | Fun Fly | 2 Days | Open House/Fun Fly/Fun Drive | REGINA WINDY FLYERS INC | REGINA WINDY FLYERS | The Regina Windy Flyers welcome all MAAC pilots, drivers and guests for a weekend of fun at our expanded facility. 500' X 250' mixed surface runway, 60' control line circle and 1500 sqft off-road race-ready track will delight all R/C enthusiasts. Camping available. No services. | 2017-491 | <http://www.reginawindflyers.ca>

JULY 15, 2017, SATURDAY | Fun Fly |

2 Days | Provincial Fun Fly | SUN CITY PROP BUSTERS | Sun City Prop Busters Facility | Sun City Prop Busters of Estevan Saskatchewan is pleased and proud to host the Saskatchewan "Provincial Fun Fly" and R/C Hobby Festival at our facility east of Estevan, SK. Gates open at 6:00 p.m. Friday July 14, 2017, the event is scheduled for Saturday, July 15, 2017 and for those who wish to stay over and pilot or run 1/10th scale trucks an extra day we are open Sunday, July 16, 2017 as well. There is non-serviced camping available, a BBQ (bring your own food) and a washroom. Check out our website for further details www.suncitypropbusters.com | 2017-557 | <http://www.suncitypropbusters.com>

JULY 22, 2017, SATURDAY | Fun Fly | 2 Days | Giant Scale and Funfly | SWIFT WINGS RC FLYING CLUB INC | CHASE FIELD IN SKYLINE PARK | This event is a great excuse to dust off those big birds and get them out into the sun at Chase Field. We love to see these giant scale planes tear up the sky so bring them along to show off your project and your flying. | 2017-562 | <http://www.smms.org/swiftwings>

AUGUST 19, 2017, SATURDAY | Fun Fly | 2 Days | Fly what you bring - Planes, Heli's, Drones | SWIFT WINGS RC FLYING CLUB INC | CHASE FIELD IN SKYLINE PARK | Now's the chance to fly whatever you have in your hanger. Bring them along, we like to see the weird and wonderful models. Watch us fly planes, heli's, drones.. we even have a witch! | 2017-561 | <http://www.smms.org/swiftwings>

SEPTEMBER 16, 2017, SATURDAY | Fun Fly | 2 Days | Float Fly and Camp-out | SWIFT WINGS RC FLYING CLUB INC | Hazlet Regional Park | The last chance to experience the beautiful Hazlet regional park and get in some float flying and camping before the season wraps up. Fly, BBQ and stay the night with us before the summer ends. | 2017-560 | <http://www.smms.org/swiftwings>

SEPTEMBER 23, 2017, SATURDAY | Fun Fly | 2 Days | Goose Festival Fun Fly | K-TOWN SKYSCAPERS RC CLUB | AL GOCHOLSKI MEMORIAL RC FIELD | Annual Goose Festival Fun Fly September 23 & 24 with the K-Town Skyscrapers RC Club in Kindersley. Contact Todd Francis at tfrancis_trf@sasktel.net or 306-460-5655 for more details | 2017-713

SEPTEMBER 23, 2017, SATURDAY | Meeting/Seminar/Clinic | 2 Days | CL Stunt Practice and Fellowship | REGINA WINDY FLYERS INC | REGINA WINDY FLYERS | Regina Windy Flyers Control Line Stunt and Fun Weekend Beginners to expert. Coaching, trimming, flight training. We will

let kids and adults have a go at CL. RAIN DATES are Sept 30, and Oct 1 2017. Contact Doug Moisuk 306 529-2535 for more info | 2017-493 | <http://www.reginawindyflyers.ca>

SOUTH EAST - L

JULY 08, 2017, SATURDAY | Fun Fly | 1 | Day | Kawartha Lakes Summer Fun Fly | KAWARTHA LAKES RADIO CONTROL FLYING CLUB INC | DIANNE & BARRY TRAYNOR | The Kawartha Lakes RC flyers would like to invite you to our annual summer Fun Fly for a day of relaxing flying at our two well groomed runways located at 571 Pigeon Lake Rd, just east of Lindsay. The event will be held at 10 am, Saturday, July 08 with Sunday, July 09 as the rain date. Food and refreshments will be available as well as several draws and draw prizes. Please bring your proof of MAAC if you are flying. All RC aircraft and heli's are welcomed. MAAC safety rules apply. Please come out and enjoy the social interaction and flying at our field. | 2017-500 | <http://www.kawarthaflyers.com>

JULY 22, 2017, SATURDAY | Fun Fly | 1 | Day | Annual Fun Fly | 6TH DIVISION FLYERS CLUB INC. O/A ORILLIA AERO MODELLERS | FIELD - 2734 CAMBRIAN RD SEVERN TOWNSHIP | Come and enjoy a day of flying and fun! Gas, Glow, and electric aircraft of all types welcome. Food and refreshments available. Rain date Sunday July 23. Location: 2734 Cambrian Road Severn Township. | 2017-633 | <http://www.6thdivisionflyers.com/>

JULY 29, 2017, SATURDAY | Competition | 2 Days | OMFC Precision Aerobatics Contest | OAKVILLE MFC INC. | DRUMQUIN PARK | Event Address/Directions: Turn West off Trafalgar Road onto Britannia Road. Turn right into Drumquin Park, just across the road from Terra Garden Center. Parking is located at our club flying field. Event details: 2017 Oakville Milton Precision Aerobatics Contest Hosted by the Oakville Milton Flying Club July 29th and 30th 2017. MAAC Sanctioned event involving all Pattern Classes: Sportsman, Intermediate, Advanced, Masters and F.A.I. Pre-registration by mail, phone or email to the C.D. \$30.00 with a letter of intent or \$45.00 on the day of the contest. Send no money. Pay at the contest. Start time 0900 H Saturday. Registration 0700 to 0830 H Saturday. C.D. Jim Eichenberg (905) 849-9721, email: jim@virtuhost.com Ass't. C.D. Brian Anderson (905) 826-3168 email: brian@virtuhost.com Points will be awarded toward the S.E. Zone Championship. Camping is not available at the field. Check with the C.D. for alternate options if you wish to camp. | 2017-49 |

<http://www.omfc.org>

JULY 29, 2017, SATURDAY | Fun Fly | 1 | Day | Toronto Heli Fun Fly 2017 | 905 SQUADRON (A DIVISION OF THE AURORA MODEL AIRCRAFT CLUB INC.) | MAIN FIELD | The annual Toronto Heli Fun-Fly will be held at the 905 Squadron Model Flying Club. \$20 Registration Fee for flying pilots. Free admission for visitors. Rotorquest tent sale on site. Pilots Registering will be provided lunch and dinner. Raffle prizes provided by Rotorquest. Dry camping available Friday night & Sat night. No Bonfires. No Smoking on site. | 2017-723 | <http://www.auroramodelaircraft.com/>

AUGUST 07, 2017, MONDAY | Fun Fly | 1 | Day | Warbirds over Whitby | WHITBY AERO MODELLERS | CENTRAL ONTARIO CONSERVATION AUTHORITY | Join the W.A.M. for their annual Warbirds over Whitby Fun Fly. Casual, sort-of competitive events ongoing thru-out the day including massed 'Era' take-offs, formation flying and Dogfights for the brave! BBQ available for very reasonable prices. Off leash Dog Park and hiking/biking trails on site so bring the family! Rain date Sat August 12 | 2017-484 | <http://www.whitbyaeromodelers.com>

AUGUST 12, 2017, SATURDAY | Fun Fly | 1 | Day | Kawartha Lakes RC Annual Charity Fun Fly | KAWARTHA LAKES RADIO CONTROL FLYING CLUB INC | DIANNE & BARRY TRAYNOR | The Kawartha Lakes RC Flyers are hold their annual Charity Fundraising Fun Fly event again in support of the local Big Brother's and Big Sister's clubs. The event will be held at our club field at 571 Pigeon Lake Rd, just east of Lindsay, on Saturday, August 12, with Sunday, August 13, as the rain date. For those flying, an entry fee of a \$10 donation, with proof of MAAC, will include a ticket for a draw prize. Numerous raffle draws and a 50/50 draw will be available with all proceeds going to the charity. Flying will be from 10 am to 4 PM. Refreshments and food will also be available. Flying is open to RC aircraft and helicopters and spectators are welcomed. Please come out for a relaxing non competitive day of flying off our two well groomed runways and help us support a great cause to benefit young boys and girls in the Kawartha Lakes and Halliburton area. Contact Fred Broad at 705-928-2584 for any further details. | 2017-501 | <http://www.kawarthaflyers.com>

AUGUST 26, 2017, SATURDAY | Fun Fly | 1 | Day | OMFC Family Fun Fly | OAKVILLE MFC INC. | DRUMQUIN PARK | All Oakville Milton Flying Club members and family are invited to come out to this annual event. When: Saturday August 26, 2017

(Rain Day Sunday August 27, 2017) Where: OMFC Field - Drumquin Park From: 9:30am to 3:00pm This is your event, weather permitting, so come on out and support your club. Bring your favorite aircraft. All types of models are welcome. Enjoy a great day of flying and fun with your friends and fellow club members. Food and Drinks will be available. Draw prizes for lucky fliers. See you there. Field Directions: Turn West off Trafalgar Road onto Britannia Road. Turn right into Drumquin Park, just across the road from Terra Garden Center. Contact: Terry Sears Phone: (905) 844-4048 E-Mail: searst7281@gmail.com | 2017-46 | <http://www.omfc.org>

NOVEMBER 11, 2017, SATURDAY | Fun Fly | 1 | Day | W.A.M Remembrance Day Tribute day. | WHITBY AERO MODELLERS | CENTRAL ONTARIO CONSERVATION AUTHORITY | Join the W.A.M for their annual Remembrance Day Tribute flights. No fees! Just be a MAAC Member and bring suitable (ideally a Warbird) plane to fly! Pizza available for very reasonable prices. Casual events high-lighted by a moment of silence followed immediately by a massed take-off and fly past. Dogfights have been known to break out afterwards..... | 2017-485 | <http://www.whitbyaeromodellers.com>

NOVEMBER 18, 2017, SATURDAY | Competition | 1 | Day | 6th annual F3P ECC | NORTHUMBERLAND ELECTRIC AVIATORS | COBOURG COMMUNITY CENTRE | The 5th Annual F3P ECC will be held Saturday November 18, 2016, at the Cobourg Community Center, 750 D'Arcy Street. We are aiming for 6 rounds for all classes All 3 F3P classes will be flown. The entry fee is \$35.00 for juniors \$20.00. Practice starts at 9 am. Contest will run from Noon to 6 pm. There will be practice and instruction on Friday November 11, from 7pm to 10pm. For more information Please check here: <http://xavier.mouraux.com/indoor/eastern-canada-f3p.html> | 2017-436

SOUTH WEST - M

JULY 08, 2017, SATURDAY | Fun Fly | 1 | Day | Annual Scale Rally | FOREST LAKESIDE FLYERS | Club Field 5801 PROOF LINE LAMBTON SHORES, ON | Saturday July 8, 2017- Forest Lakeside Flyers Annual Scale Rally at their club field, west off Hwy #21, on the Proof Line Road, approx 4 Km north of Forest Ontario. Refreshments and hot dogs available. Great Flying site, no entry fees, lots of visitors. 450ft x 400ft grass flying site. Flying 9 am til 4 pm. No rain date. Contact: Stuart Schroeder 226-402-4527 | 2017-41 | <http://www.xcelco.on.ca/~rcfls/maac/>

JULY 09, 2017, SUNDAY | Fun Fly | 1 | Day | Mac Rowe Memorial Funfly | WOODSTOCK RADIO CONTROL FLYING CLUB | UPPER THAMES CONSERVATION AUTHORITY | Open to all types of flying. Everyone is welcome at the annual WRCFC Mac Rowe Memorial Funfly. Check out our website: <http://woodstockrc.club/> for directions and GPS co-ordinates. | 2017-281 | <http://www.woodstockrc.club>

JULY 21, 2017, FRIDAY | Fun Fly | 3 Days | The Wingham Jet Rally | WINGHAM JET CLUB | RICHARD W. LEVAN AIRPORT 40647 AMBERLY RD WINGHAM | The Wingham Jet Rally is in its 9th year. This years event starts on Friday July 21st and ends at 2 pm on Sunday July 23rd. The event welcomes Jet flyers from across Canada and the USA. Turbine and electric powered models are welcome. There is a food concession open from 10 am until the end of the day on Friday through Sunday. For pilots and friends we hold a banquet dinner on Saturday evening starting at 6:30 pm. The meal is included in the pilot registration and extra tickets can be purchased for \$20.00 each. We get great support from our sponsors with raffle prizes adding up to over \$4000.00. Raffle tickets are sold at the registration tent for \$5.00 each. We also award trophies for outstanding models in several categories. Parking for non pilots costs \$5.00 per car. Camping is available on the farm beside the airport. Flight line tents are available and need to be arranged through Blair Howkins, 416-432-3871. The tents will be installed on Thursday afternoon. (Please contact Blair for tent prices). Pilot registration is \$70.00. The event is at the Richard W. Levan Airport, 40647 Amberly Rd., Wingham, Ontario. | 2017-564

JULY 29, 2017, SATURDAY | Air Show/ Demo | 2 Days | public air show | SUN PARLOR R/C INC. | TOWER FIELD 4819 CON #4 AMHERSTBURG ON | For aircraft lovers and their families. A fun filled day with static displays, award winning scale planes, combat air fights and an amazing show of pilot talent in the air. An interactive session for children to learn about aircraft and how to fly them followed by a candy drop. This event is fun for the whole family. We invite and welcome any MAAC pilots from other clubs to come show off their planes and flight skills this weekend. There will be refreshments and snacks available for purchase at the site both days. | 2017-550 | <http://www.sunparlorflyers.com>

AUGUST 05, 2017, SATURDAY | Fun Fly | 2 Days | 40th Scale Rally | BLUEWATER R/C FLYERS | FIELD - 2590 PETROLIA LINE | Bluewater RC Flyers of Sarnia are hosting their annual Scale rally at the club Field on

Petrolia Line This year it will be a two day event to celebrate the 40 th continuous year of holding this event. Camping will be available at the field for the week end and the usual food and drink will be available all week end including breakfast both days. The event is open to scale models of any size and construction, helicopters and jets are welcome as long as they are scale. Donations of non perishable goods will be accepted for the Inn of the Good Shepherd in Sarnia. Come along and fly from our beautiful grass field. | 2017-463 | <http://www.bluewaterrcflyers.com/>

AUGUST 12, 2017, SATURDAY | Competition | 2 Days | Southern Ontario Control Line Championships | THE BEAN FIELD FLYERS | KEN PEGG 30148 EASTERVILLE RD DRESDEN | The Southern Ontario Control Line Championships run by the Toronto Balsa Beavers will be hosted at the Bean Field Flyers field outside Dresden ,Ontario . This years event will be two days of competition commencing at 9 am and wrapping up around 5 pm . Saturday will have 80 mph combat ,LA .15 Scale Race ,Old Time Stunt and maybe balloon bust . Sunday events are F2D combat, Profile Stunt, and MAAC Stunt . Entry is \$20.00 per event with a maximum of \$30.00. For more information check www.balsabeavers.com | 2017-663

AUGUST 12, 2017, SATURDAY | Fun Fly | 1 | Day | Strathroy Flying Farmers Float Fly | STRATHROY FLYING FARMERS R/C | PARKHILL CONSERVATION AREA 32910 CENTRE RD PARKHILL ON | Come out for a great day of float flying at our Park hill float fly site. Just north of Park hill on 81 hwy. Flying starts at 9 Am splash down fee \$10 dollars lunch will be available at an extra cost. Bad weather date Sunday August the 13th. Call Paul Neely at 519-641-4045 or Bob May at 519-471-2964 | 2017-419 | <http://www.strathroyflyingfarmers.ca>

AUGUST 17, 2017, THURSDAY | Fun Fly | 4 Days | Sky Harbour RC Airshow and Southwest Zone Fun Fly | SKY HARBOUR MODELERS | Goderich Municipal Airport | The Sky Harbour RC Airshow is pleased to announce that we will be hosting the Southwest Zone Fun Fly at the Sky Harbour Airport in Goderich again. Fly from the 3000' long by 50' wide paved runway or a grass strip. ALL MAAC FLYERS ARE WELCOME TO ATTEND THIS EVENT, regardless of zone. Turbine powered models welcomed. Over 500 spectators attend this event each year. The runway and terminal apron will be closed to full-scale traffic. On the Saturday night, enjoy a delicious buffet and awards dinner at a local restaurant overlooking Lake Huron at \$25 per ticket. A candy drop along with kids' prizes will take

place Saturday and Sunday. Thursday August 17th and Friday August 18th will be setup and test flights from 9am till dusk. The model airshow and fun fly will take place on Saturday August 19th from 9am till 5pm and Sunday August 20th from 9am till 3pm. Open flying times except for air show which goes Saturday and Sunday from noon till 1pm. Huge pilot prize table to be won and food available on site to purchase. Free overnight camping on site (no hookups). Overnight hangar storage available. First 30 pilots to register receive a free hot lunch voucher. Registration fee for all pilots is \$25 for weekend (\$15 for Sunday only). To register for the event online and to purchase banquet tickets, go to <https://www.eventbrite.ca/e/2017-sky-harbour-rc-air-show-and-sw-zone-fun-fly-tickets-32352538313> For event information, contact skyharbourrc@gmail.com This is going to be a great summer weekend of flying at a fantastic site and an event that the whole family can enjoy in a beautiful and historic beach town. Hope to see you there! | 2017-551 | <http://facebook.com/skyharbourrc>

AUGUST 26, 2017, SATURDAY | Fun Fly | 1 | Day | Pre-Labour day weekend fun fly | LONDON MODEL AIRCRAFT CLUB | FIELD - 2150 RIVER ROAD LONDON | LMAC Pre-Labour Day Weekend Fun Fly - No landing fee, flying games, prizes, BBQ. All skill levels welcome. - All MAAC members are invited to join us at our club field on River Road, just off Veterans Parkway, for some flying fun to celebrate another season. - We look forward to seeing you. (Come try out our new Geotek runway!) | 2017-418 | <http://www.LMAC.ca>

SEPTEMBER 02, 2017, SATURDAY | Fun Fly | 3 Days | Flying Follies Fun Fly | THE BEAN FIELD FLYERS | KEN PEGG 30148 EASTERVILLE RD DRESDEN | Our annual fun fly ! All control line flyers welcome with either current MAAC or AMA license . This year we may hold a 4 round speed limit combat event if the interest is there. No entry ... no prizes just some fun matches. A balloon bust and other non serious "events". See the Balsa Beavers site for more information. | 2017-664

SEPTEMBER 21, 2017, THURSDAY | Air Show/Demo | 4 Days | ThunderThrust over Chatham Kent Airport | SOUTH WEST ONTARIO ZONE | C-K MUNICIPAL AIRPORT 8528 FOURTEENTH LINE RR2 MERLIN | The Southwest Zone Club will be holding the Fifth Annual Jet Rally "ThunderThrust Over Chatham Kent Airport." The four day event will be held from September 21 - 24, 2017. Time is from 9:00 am to 5:00 pm. Registration is open to all turbine and electric dusted fan jets. Landing fee is \$30, spectator fee is \$5. For more info go to www.z3aviation.com or call Peter Doupnik, (519) 791-5328. | 2017-553

OCTOBER 15, 2017, SUNDAY | Swap Shop | 1 | Day | LMAC 29th Annual Swap Meet | LONDON MODEL AIRCRAFT CLUB | Carling Heights Community Centre | The London Model Aircraft Club will be hosting their 29th Annual Swap Meet on October 15. The location will be the Carling Heights Community Centre. Contact Bob Grant (mail4bob@rogers.com) Save this date! October 15th, 2017. One of the biggest swap meets in Ontario! The new location is perfect for vendors and buyers alike. Visit www.LMAC.ca further details to come, including map and directions, also book tables online. www.LMAC.ca | 2017-397 | <http://www.LMAC.ca>

Acrobatie de Précision RC

suite de la page 66

rayon.

Deuxièmement, la ligne verticale. Celle-ci doit être bien droite, sans quoi on se verra pénalisé d'un point pour chaque 15 degrés d'inexactitude. Il faudra corriger en fonction du vent et tous les éléments de tonneau doivent être centrés... sinon, déduction d'un point. S'il n'y a pas de ligne après le rayon au moment d'entamer la séquence de tonneau, c'est alors une déduction de 3 points. Nous devons surveiller deux autres paramètres avant de provoquer le décrochage proprement dit et chacun peut vous attirer une déduction d'un point. Il s'agit de l'effet de pendule après avoir pivoté et de déraiper avant d'avoir pivoté. Le dérapage découle de l'application précoce de la gouverne de direction; l'avion adopte

Alors un angle dans la direction du pivotement mais il continue sur sa ligne verticale jusqu'à ce qu'il ralentisse suffisamment pour pouvoir pivoter.

Enfin, il y a le pivotage. La maquette doit arrêter avant cette étape. L'avion ne doit pas faire du surplace mais seulement marquer un arrêt. Sinon, déduction d'un point. Et voilà que l'avion doit pivoter sur son centre de gravité. Si le rayon n'est que de la moitié de l'envergure de la maquette, déduction de 4/5 d'un point. Si l'avion n'effectue qu'un rayon qui équivaut à une envergure de ses ailes, déduction de 2/3 d'un point; un rayon d'une fois et demie l'envergure vous attire une déduction de 4/5 d'un point. Si votre rayon dépasse deux envergures des ailes, votre manœuvre obtiendra un gros 0. Si votre maquette s'étale vers l'avant ou vers l'arrière, c'est un pointage de zéro, mais si vous vous en tirez avec le couple du moteur, la règle d'un point et des 15 degrés s'applique.

Je me rends compte que l'accent est placé sur le point de pivot et que le secret d'accomplir cette manœuvre avec grâce, c'est de bien gérer la puissance du moteur. Vous devez relâcher la pression sur les gaz tout juste suffisamment pour que votre maquette ralentisse et qu'elle arrête. Une fois que l'avion s'est arrêté, appliquez le gouvernail de direction préférentiellement dans la direction du vent. Vous assisterez alors à un magnifique pivotage sur le centre de gravité.

D'ici la prochaine chronique, maintenez les ailes parallèles à l'horizon. ✨

Saint-Laurent

from page 22

ASSEMBLÉE DE ZONE LE 28 OCTOBRE

Notre Assemblée annuelle de zone aura lieu le samedi 28 octobre 2017 au Centre communautaire et aquatique de Côte-Saint-Luc (5794 Avenue Parkhaven, Côte-Saint-Luc, QC H4W 0A4). Comme par le passé, nous serons en quête d'appui par le biais de dons de prix de la part de nos commanditaires corporatifs et de nos magasins de passe-temps. Nous remercions les établissements et les personnes suivantes de leur appui en 2016 : Bisson Custom Mufflers, Hobbyville, Téléguidé Sherbrooke, Zone Hobbies, AMR, Great Hobbies, Icare Sailplanes, TBRC Wings, Robert Tremblay, Jack Rothenberg, and Steve Woloz. ✨

FPV (Vole en Immersion)

suite de la page 89

amusantes, procurent beaucoup de joie et ne sont plus intimidantes. La technologie de vol par immersion convient aussi beaucoup mieux à nos activités et nous affichons des résultats plus probants grâce à des composantes désormais abordables. Grâce à ces développements, le pilotage par vol par immersion est immensément populaire et une nouvelle génération effectue son entrée au sein de notre passe-temps. ✨

St. Lawrence

from page 23

PROGRESS WITH CSL LEARN TO FLY DRONES

There has also been excellent progress in the Côte-Saint-Luc Learn to Fly Drones program exclusively offered to the Côte-Saint-Luc Men's Club. This is the second year the program has been offered, following an initial development by Jean-Guy Ouellet. This year, we have placed a greater emphasis on the practical aspect of flying skills. The six-week program led by Steve Woloz and assisted by Lorne Rodin will be completed by the end of June with a skill test including both theory and practice. All successful students will be awarded a special certificate crowning their achievement.

ZONE CLUB VISITS AND MEETINGS

Over the last two months, I have had

the pleasure of visiting numerous clubs including Amidair, Crash, Napierville, IFA St-Rémi and Rigaud, MRCC, Lachute, MAVIP, and WIMAC. I also attended pub nights, and hosted zone executive steering committee meetings—all to say that a busy season is under way. My goal is to visit as many clubs as possible.

WINGS PROGRAMS

We encourage all clubs to have willing and qualified persons to instruct new pilots how to master the art of flying. Currently, MAAC has Wings programs for fixed wing and also rotary wings, also known as helicopters, with a program called BLADES. A learn-to-fly program for multi-rotor, and also FPV remains to be documented. Anyone wishing to write procedures for the latter two will be most

appreciated.

PLANNING FOR AZM OCTOBER 28, 2017

Our AZM will take place Saturday, October 28, 2017 at the Côte-Saint-Luc Aquatic and Community Centre, 5794 Avenue Parkhaven, Côte-Saint-Luc, QC H4W 0A4. As in years previous, we will be looking for support via donation of prizes from our corporate sponsors and hobby shops. We wish to thank the following establishments that supported us in 2016: Bisson Custom Mufflers, Hobbyville, Téléguidé Sherbrooke, Zone Hobbies, AMR, Great Hobbies, Icare Sailplanes, TBRC Wings, Robert Tremblay, Jack Rothenberg, and Steve Woloz. ✈

Acrobatie à l'Échelle RC

suite de la page 57

chrono de 9:16 et en Ministick avec un sensationnel 8 :56. J'ai remporté la catégorie Easy B avec un chrono de 12:40. Pour le simple plaisir, j'ai fait voler des maquettes en Manhattan et en Intermediate Stick.

Les huit épreuves de FAC ont réuni davantage de participants (les catégories No Cal, Embryo et Phantom Flash étant les plus populaires). Don Slusarczyk a brillé en remportant quatre catégories; j'ai ravi celle de Golden Age grâce à mon Leopard Moth. En fin de compte, j'ai réussi à faire voler neuf de mes 12 maquettes, en plus d'établir un record. J'aimerais donc pouvoir les faire voler en cet endroit plus souvent.

Je veux remercier très sincèrement – au nom de tous les concurrents – Mike Welshans, Paul Crowley et tous les

bénévoles des clubs Cloudbusters et Balsa Bugs qui ont rendu possible ce rassemblement. Beau travail!

Les six nouveaux records (sous plafond de catégorie 3) ont été établis comme suit :

Alex Silin: catégorie Junior hélicoptère, 2:48; et A6, 4:20.

Dmytro Silin: maquette F1D de 1,4gramme, 19:55; hélicoptère, 8:16: et Ioma Electric, 4:44.

John Maret: maquette F1R de 35 cm, 12:21.

DÉCÈS : STU WECKERLY

Triste nouvelle : Stu Weckerly, l'un des plus chics types qu'on puisse rencontrer, s'est éteint le dimanche de Pâques à l'âge de 91 ans. Il était un véritable gentleman, effacé mais toujours prêt à donner un coup

de main; il était un concurrent à la fois talentueux et redoutable, tant et si bien qu'il se situait en tête de palmarès (récent) des Kanones, avec 411 victoires en FAC. Il m'a déjà raconté qu'après avoir été témoin du plaisir qu'éprouvaient les Canadiens lors des Épreuves nationales de l'AMA à Lincoln (Nebraska) en 1987, il se devait d'essayer le vol intérieur. Il a souvent effectué des vols avec nous sous le toit de l'USIC au Tennessee, en plus de livrer combat tant à des rassemblements de vol libre intérieur qu'extérieur lors de nos propres Épreuves canadiennes. Nous nous sommes énormément ennuyés de lui à Pontiac mais grâce à Mike Welshans, j'ai rapporté une des maquettes de Stu, un Spitfire en livrée brun sable de 16 pouces, en souvenir de lui. Je lui réserve une place d'honneur. ✈

Saskatchewan

DEREK SCHULTZ

from page 24

Je pilote des maquettes télécommandées depuis 2004 et je me concentre surtout sur les hélicoptères de 3D et sur quelques avions électriques de 3D. Plus récemment, j'ai commencé à piloter des quadricoptères de course (vol FPV). Je me suis joint au Hub City Radio Control Club en 2006 lorsque je me suis procuré mon premier gros hélicoptère à nitro. En 2011, j'ai construit mon premier multirotor et j'y suis accro depuis. La cinématographie est mon loisir principal. C'est très agréable de pouvoir le mélanger au vol télécommandé. Ces derniers dix ans, je me suis rendu à plusieurs *Fun-flies* en Alberta, en Saskatchewan et au Manitoba et je me suis déplacé à trois reprises jusqu'au jamboree pour hélicoptères IRCHA. Me rendre à des Fun-flies, c'est mon côté préféré de notre passe-temps!

Jetez un coup d'œil aux événements à venir et avec un peu de chance, je vous y verrai à quelques-uns! Pilotez en toute sécurité et amusez-vous. ✈

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DEMANDE DE PERMIS DE MODÉLISTE 2017

Les Modélistes Aéronautiques Associés du Canada
5100 South Service Rd., Unit #9, Burlington ON L7L 6A5
www.maac.ca maachq@on.aibn.com Tel: (905) 632-9808 Fax: (905) 632-3304
Numéro sans frais 1-855-FLY-MAAC or 1-855-359-6222



Information personnelle

MAAC # _____ NOUVEAU MEMBRE? ☐ Oui ☐ Non

Date de naissance: ____ / ____ / ____ Langue ☐ A ☐ F
mois jour année

Date de naissance requise pour vérification, renseignements confidentiels

Emploi

La demande de cette information est pour fins démographiques puisque notre Association. est gérée par des bénévoles et nous pouvons à l'occasion nous référer à l'information fournie par nos membres, pour demander de l'aide. Si vous ne désirez pas être contacté, ne remplissez pas la section "Emploi"

Nom : _____ Époux (Membre Régulier) : _____
Prenom Initiale Nom Prenom Initiale Nom MAAC No.

Adresse : _____
Rue, chemin, etc. Unit / app #

Ville: _____ Province: _____ Code Postal: _____

TEL: résidentiel _____ FAX: _____ courriel: _____

TEL: travail _____ FAX: _____ courriel: _____

Hormis ce qui est contenu dans notre politique de confidentialité, nous ne divulguons aucune information personnelle identifiable sans votre permission, sauf si nous sommes légalement autorisés ou requis de le faire ou si nous croyons qu'une telle action est nécessaire par rapport à une réclamation vous impliquant et faite en vertu de notre politique d'assurance. La divulgation de votre adresse de courriel ou d'emploi est volontaire. Si vous divulguez ainsi ces renseignements, vous consentez à ce que le MAAC communique avec vous à des fins (voir le manuel de politique "Confidentialité") ayant trait à l'organisation, si le MAAC juge approprié de le faire, y compris afin de demander votre aide en tant que bénévole dans les domaines où vous pourriez avoir une expertise particulière

Je suis un résident du: ☐ Canada ☐ Etats-Unis (avec preuve d'adhésion AMA pour 2014) ☐ Autre

CLUB AFFILIÉ à MAAC: _____

Comment avez-vous connu MAAC??

☐ Ami ☐ Famille ☐ Club ☐ Radio/TV ☐ Web ☐ Salon de hobby _____ ☐ Magasin de Hobby _____

Catégorie d'intérêt (cochez la case appropriée)

☐ Sport (juste pour le plaisir) ☐ R/C Maquette ☐ SAM (Société des anciens modélistes) ☐ R/C Combat de copies volantes ☐ Hydravion à flotteurs ☐
☐ R/C Combat libre ☐ R/C Bateau ☐ Acrobatie de précision de vol circulaire ☐ Acrobatie de précision ☐ Vol circulaire
☐ R/C Hélicoptère ☐ Vol libre extérieur ☐ Acrobatie à l'échelle ☐ Maquettes électriques ☐ R/C Pylône
☐ R/C Planeur ☐ Vol libre intérieur ☐ R/C Avion à réaction ☐ Turbine ☐ R/C Maquette de planeur ☐ R/C Auto
☐ Vol intérieur télécommandé ☐ Fusée ☐ R/C L'échelle géante ☐ FPV ☐ Multi-Rotor

Intérêt Principal: _____ Participez-vous à des compétitions dans une catégories ci-haut mentionnées? ☐ Oui ☐ Non
Quel événement? _____ ☐ Locale ☐ Régionale ☐ Nationale ☐ Internationale (Utilisez l'identification FAI)

Déclaration: Je déclarerai au MAAC tout incident sans délai. Je reconnais qu'en tant que membre, je suis responsable pour le paiement de 500,00 \$ pour le déductible d'assurance lorsque j'ai causé un incident. (Si l'incident survient à mon club, ce dernier est responsable de la moitié du déductible et je suis responsable pour l'autre moitié du 500,00\$. La portion membre/club du déductible est payable au MAAC au moment de la déclaration de l'incident).

Je conviens que la pratique de l'aéromodélisme peut causer certains dangers. J'ai lu et je respecterai les règles et règlements qui sont présentement établis ou le seront dans le futur par les Modélistes Aéronautiques Associés du Canada. Je comprends qu'à défaut d'observer les règles et règlements, ceci pourrait résulter en la dénégaration de mon adhésion et perte de la couverture d'assurance pour tout dommage ou réclamation

Je reconnais aussi que lorsque je ferai voler un modèle dans n'importe lequel des 50 états des Etats-Unis, je serai couvert par l'assurance de l'Association et j'obéirai au Code de Sécurité du MAAC ainsi que celui du AMA. S'il y a conflit entre les deux Codes, le plus sévères des deux sera de rigueur et que j'utiliserai uniquement les fréquences approuvées par les 50 états des Etats-Unis pour les modèles télécommandés.

Signature: _____ Date: _____

(Le parent ou tuteur de candidat âgé de moins de 18 ans doit signer et accepter d'offrir la surveillance adéquate au candidat)

Les adhésions anticipées pour l'année suivante reçues avant le 30 novembre recevront un écusson à tirage limité, disponible jusqu'à épuisement des stocks..

☐ Cochez ici si vous ne désirez pas recevoir l'écusson

Member Type	Année courante (tout ou en partie) Jan 1/17 - Dec 31/17	16 mois Sep 1/17 - Dec 31/18	Année courante (tout ou en partie) plus 2 ans Jan 1/17 - Dec 31/19
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AB, BC, MB, NT, NU, QC, SK, YT

Membre Régulier (revue incluse) (18 ans et plus au 1er janvier)	84,00 \$	84,00 \$	226,80 \$ (uniquement pour résident CAN)
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Membre Époux / Conjoint de fait (sans la revue) (Marié(e) à un membre)	52,50\$	52,50 \$	157,50 \$ (uniquement pour résident CAN)
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Membre Cadet (sans la revue) (Moins de 18 ans au 1 janvier)	10,50 \$	10,50 \$	N/A
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Membre Cadet (revue incluse)	22,05 \$	22,05 \$	N/A
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ON

Membre Régulier (revue incluse) (18 ans et plus au 1er janvier)	90,40 \$	90,40 \$	244,08 \$ (uniquement pour résident CAN)
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Membre Époux / Conjoint de fait (sans la revue) (Marié(e) à un membre)	56,50\$	56,50 \$	169,50 \$ (uniquement pour résident CAN)
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Membre Cadet (sans la revue) (Moins de 18 ans au 1 janvier)	11,30 \$	11,30 \$	N/A
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Membre Cadet (revue incluse)	23,73 \$	23,73	N/A
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NB, NL, NS, PE

Membre Régulier (revue incluse) (18 ans et plus au 1er janvier)	92,00 \$	92,00 \$	248,40 \$ (uniquement pour résident CAN)
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Membre Époux / Conjoint de fait (sans la revue) (Marié(e) à un membre)	57,50\$	57,50 \$	172,50 \$ (uniquement pour résident CAN)
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Membre Cadet (sans la revue) (Moins de 18 ans au 1 janvier)	11,50 \$	11,50 \$	N/A
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Membre Cadet (revue incluse)	24,15 \$	24,15 \$	N/A
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Cotisations de base:

membres régulier 80,00 \$ ou 246,00 \$/3

Époux / Conjoint de fait 50,00 \$ ou 150,00 \$/3

membres cadets 10,00 \$ ou 21,00 \$

La cotisation ci-dessous inclut la TPS & TVH

COTISATION ANNUELLE NON REMBOURSABLE

Les publications bimestrielles sont envoyées à tous les membres à partir du renouvellement ou de l'adhésion.

Montant de l'option d'adhésion	_____
☐ Je désire faire un Don::	
Fonds de voyage pour équipe	_____
Fonds pour compétition	_____
Fonds de la Protection des Champs	_____
Relations publiques	_____
Autre (spécifiez)	_____
Total	0,00 \$
Méthode de Paiement:	VISA ☐ Mastercard ☐ Cheque ☐
Carte #	_____
Exp.:	_____ / _____
signature de paiement:	_____
Prévoir 3 à 5 semaines pour réception du permis d'octobre à avril	



MEMBERSHIP APPLICATION 2017

Model Aeronautics Association of Canada
5100 South Service Rd., Unit #9, Burlington ON L7L 6A5
www.maac.ca maachq@on.aibn.com Tel: (905) 632-9808 Fax: (905) 632-3304
Toll Free 1-855-FLY-MAAC or 1-855-359-6222



Personal Information

MAAC # _____ New Member? ☐ Yes ☐ No

Birthdate: _____ / _____ / _____ Language ☐ E ☐ F
month day year

Birthdates are required for verification of member type and kept confidential

Occupation

The organization requests occupation for demographic purposes however MAAC is a volunteer based organization and on occasion will access information provided by members to seek help in various aspects of its operation. If you do not want to be contacted by the organization you may wish to leave the occupation section blank.

Name: _____ Spouse (open member): _____
First Initial Last First Initial Last MAAC #

Address: _____
Street, Avenue, Blvd., Etc. Unit / Apt #

City: _____ Province: _____ Postal Code: _____ ☐ Please check here if you do

TEL: Home _____ FAX: _____ email: _____ not wish for the organization to

TEL: Work _____ FAX: _____ email: _____ contact you by email

Except as set out in our Privacy Policy, we will not disclose any personally identifiable information without your permission unless we are legally entitled or required to do so or if we believe that such action is necessary in relation to a claim made under our insurance policy that involves you. Your disclosure of your email address or occupation is voluntary. By so disclosing, you consent to MAAC contacting you for such purposes (see policy manual "Privacy") in relation to the organization as it deems appropriate, including to seek your help as a volunteer in areas in which you may have a particular expertise.

I am a resident of: ☐ Canada ☐ United States (provide AMA number to verify status) ☐ Other Country

MAAC Club Affiliation: _____

How did you hear about MAAC? ☐ Friend ☐ Family ☐ Club ☐ Radio/TV ☐ Web ☐ Hobby Show _____ ☐ Hobby Shop _____

Catégorie d'intérêt (cochez la case appropriée)

- | | | | | |
|---|--|---|---|---|
| ☐ Sport (just for fun) | ☐ R/C Scale | ☐ SAM (Society of Antique Models) | ☐ R/C Scale Combat | ☐ RC Float Plane |
| ☐ R/C Open Combat | ☐ R/C Boats | ☐ Contol Line Precision Aerobatics | ☐ R.C Precision Aerobatics | ☐ Control Line |
| ☐ R/C Helicopters | ☐ Free Flight Outdoor | ☐ R/C Scale Aerobatics | ☐ Electric Aircraft | ☐ R/C Pylon |
| ☐ R/C Sailplane | ☐ Free Flight Indoor | ☐ R/C Jet ☐ Turbine | ☐ R/C Scale Sailplane | ☐ R/C Car |
| ☐ RC Indoor | ☐ Rocket | ☐ R/C Giant Scale | ☐ FPV | ☐ Multi-Rotor |

Primary Interest: _____ Do you compete in any of the above categories? ☐ Yes ☐ No

If Yes, What Event? _____ ☐ Local ☐ Regional ☐ National ☐ International (W/C Competitors use FAI designation)

Declaration: I will report any incident without delay to the organization. I acknowledge that as a member I am responsible for \$500 of the insurance deductible when I have caused an incident to occur.(Should the incident occur at my club field, my club is responsible for half and I am responsible for the second half of \$500 towards the insurance deductible. The member/club portion of the deductible is payable to MAAC at the time of reporting the incident).

I understand that engaging in air modeling activities may be dangerous. I have read and will abide by the rules and regulations that have been established, or will in future be established, by the Model Aeronautics Association of Canada. I understand that my failure to comply with the rules and regulations of MAAC may result in denial of my membership and/or in failure of insurance coverage. I also acknowledge that while operating a model aircraft in any of the 50 United States, insurance coverage will be provided by the Model Aeronautics Association of Canada and I will abide by both the AMA and MAAC Safety Codes. Where the two codes are in disagreement, the more stringent of the two shall apply. I will use only approved United States frequencies for radio control aircraft while flying in the 50 United States.

Signature: _____ Date: _____

(parent or guardian must sign if applicant is under the age of 18 and agrees to provide the appropriate supervision to the applicant)

Any member who joins or renews for next year before November 30th of the current year will receive a specially designed crest.

The crest is available in limited quantities and for a limited time while supplies last. ☐ Check here if you do not want to receive the crest.

Member Type	Current Year (or any portion) Jan 1/17 - Dec 31/17	16 Month Sept 1/17 - Dec 31/18	Current Year (or any portion) plus 2 years Jan 1/17 - Dec 31/19
AB, BC, MB, NT, NU, QC, SK, YT,			
Open Member (Includes magazine) (18 years or over as of January 1)	\$84.00	\$84.00	\$226.80 (Canadian residents only)
Spousal/Common-law Member (without magazine) Married to an open member	\$52.50	\$52.50	\$157.50
Junior Member (without magazine) (Under 18 years as of January 1)	\$10.50	\$10.50	N/A
Junior Member (Includes magazine)	\$22.05	\$22.05	N/A
ON			
Open Member (Includes magazine) (18 years or over as of January 1)	\$90.40	\$90.40	\$244.08 (Canadian residents only)
Spousal/Common-law Member (without magazine) Married to an open member	\$56.50	\$56.50	\$169.50
Junior Member (without magazine) Under 18 years as of January 1)	\$11.30	\$11.30	N/A
Junior Member (Includes magazine)	\$23.73	\$23.73	N/A
NB, NL, NS, PE			
Open Member (Includes magazine) (18 years or over as of January 1)	\$92.00	\$92.00	\$248.40 (Canadian residents only)
Spousal/Common-law Member (without magazine) Married to an open member	\$57.50	\$57.50	\$172.50
Junior Member (without magazine) (Under 18 years as of January 1)	\$11.50	\$11.50	N/A
Junior Member (Includes magazine)	\$24.15	\$24.15	N/A

Base Membership Fees Are:

Open \$80 per year or \$216 for three years

Spousal/Common-law \$50 per year
or \$150 for three years

Junior \$10 or \$21 with magazine

Fees shown include applicable GST or HST

All memberships expire at the end of the calendar year.

CURRENT YEAR FEES ARE NON-REFUNDABLE

Bi-monthly publication is supplied to members
commencing at renewal or date joined

Membership Option Amount	_____
☐ I wish to make a donation to::	
Team Travel Fund	_____
Competition Fund	_____
Flying Field Protection Fund	_____
Public Relations	_____
Other (specify)	_____
Total	_____
method of payment: ☐ VISA ☐ Mastercard ☐ Cheque	
Card #	_____
Exp.: _____ / _____	
Payment Signature: _____	
Please allow 3 - 5 weeks for application to be processed October through April	



General Order Form / Bon de commande générale

Print Clearly / imprimer clairement

Name/Nom: _____ MAAC # _____
Address/Adresse: _____ Apt. # _____
City/Ville: Prov: _____ Postal Code: _____
Tel: _____ Fax: _____ Email: _____

			Quantity/é	TOTAL
Decals: Wings/Ailes –Small/ Petit	\$ 0.30	x	_____	\$ _____
Wings/Ailes –Medium/Moyenne	\$ 0.30	x	_____	\$ _____
Wings/Ailes –Large/Grande	\$ 0.30	x	_____	\$ _____
Wings All three/ Ailes tous les trois	\$ 0.90	x	_____	\$ _____
Tri-Colour Sticker	\$ 0.35	x	_____	\$ _____
Wings/Ailes – Large/Grande –Win d o w / F e n ê t r e	\$ 0.50	x	_____	\$ _____
Bumper Sticker / Autocollant pour pare-choc	\$ 1.40	x	_____	\$ _____

Pins/Épingles:

Brass Lapel Pin/cuivre	\$ 2.50	x	_____	\$ _____
Tri-colour Plastic Pin/tricolore plastique	\$ 0.95	x	_____	\$ _____

Hat Pins/à chapeau (specify Qty/quantité) \$ 2.80 x _____ \$ _____

_____ Pattern Pilot _____ Engine Collector _____ Speed Pilot _____ Combat Pilot _____ Sport Pilot _____ I Fly R/C
_____ Soaring Pilot _____ Free Flight Pilot _____ R/C Widow _____ Pylon Racer _____ Stunt Pilot _____ Model Wife
_____ Scale Pilot _____ Old Timer Pilot _____ Chief Mechanic _____ Quarter Scaler _____ Chopper P i l o t _____ Rat Racer

Namebadge / Insigne de nom (Namebadge orders may take up to 12 weeks to process)
(specify name and club or location as it should appear - nom, club et/ou location) \$ 5.25 x _____ \$ _____
Nom: _____ Club/Location: _____

Misc.: MAAC Crest / Écusson du MAAC \$ 1.00 x _____ \$ _____
Frequency Board/ tableau de fréquences \$ 3.00 x _____ \$ _____
Warning Sign / pancarte d'avertissement \$ 2.95 x _____ \$ _____
Cub Kit (minimum 5) \$ 2.75 x _____ \$ _____
Medallions/ Médailles (specify Qty/ quantité \$ 2.90 x _____ \$ _____
Gold/or _____ Silver/argent _____ Bronze

10 K Gold MAAC Ring /Bague en or 10k (specify size/grandeur)

Please contact the office for current pricing /Bien vouloir communiquer avec notre bureau pour le prix courant

Pictures available at www.maac.ca under MAAC E-Store - Photos disponibles sur le site web www.maac.ca sous la rubrique Magasin

Shipping (based on order Value)

Frais d'expédition sont Basés sur la valeur de la commande		Subtotal/total partiel \$ _____
		Shipping/frais \$ _____
0 – 5.00 n /c	50.01 – 60.00 10.95	GST/TPS 5% AB, BC, MB, NT, NU, QC, YT \$ _____
5.01 – 10.00 2.95	60.01 – 70.00 11.95	HST/TVH 13% ON \$ _____
10.01 – 20.00 5.95	70.01 – 100.00 12.95	HST/TVH 15% NB, NF, NS, PE \$ _____
20.01 – 30.00 6.95	100.01 – 150.00 14.95	
30.01 – 40.00 8.95	150.01 – 200.00 16.95	
40.01 – 50.00 9.95	200.01 & over 18.95	Total \$ _____

Payment/Paiement:

___ Cheque Enclosed (payable to MAAC) / Inclus (paiement chèque à MAAC)

___ VISA ___ MC Card # _____ Expiry ___/___

Signature: _____

Mail Form to / postez aux:

Model Aeronautics Association of Canada / Modélistes Aéronautiques Associés du Canada

5100 South Service Road, Unit 9, Burlington, ON, L7L 6A5

If paying by credit card, form may be faxed to / Si paiement est par carte de credit, faxez au: 905-632-33 04.

Please allow 6 to 8 weeks for delivery. / Prévoir 6 à 8 semaines pour réception.

GREAT HOBBIES

Great Service • Great Selection • Great Prices

TECHNICAL

Aurora 90 Brushless FPV

- Available for Spektrum, FlySky & FrSky
- Brushless motors for powerful flight
- 600TVL CMOS Camera



Length: 118mm · Width: 118mm · Weight: 73g (w/o battery)

EAC550664DSM — F3/OSD/Dshot for Spektrum
EAC550664FLS — F3/OSD/Dshot for Flysky
EAC550664FRS — F3/OSD/Dshot for Frsky Taranis

TECHNICAL

Falcon 120 ARF FPV

- Available with or without Radio system
- 700TVL Camera
- 200mW Video Transmitter



Rotor Span: 120 mm · Motors: 1306 3500kv · Weight 232 g

EAC533315 — ARF FPV w/F3/Dshot ESC
EAC533329 — FPV Racer RTF w/radio

DJI

DJI Spark

- Tiny Footprint
- Intelligent Flight Modes
- Tap fly & Object Tracking



Takeoff Weight: 300g · Dimensions: 143x143x55mm

DJI-SPARK — DJI Spark (for smartphone)
DJI-SPARKC — DJI Spark Fly More Combo w/controller

SKYRC

e450 AC

- AC Input Only
- Selectable 1,2,3 or 4A charge rate
- Compact size



LiPo Cells: 1-4 · LiHV Cells: 1-4 · NiMH/NiCd Cells: 6-8

SKY100122 — e450 AC Multi Chemistry Charger 5

BLADE

Inductrix FPV Pro BNF

- Bind n Fly
- Betaflight Configurable
- High Speed Motors
- High Performance 25mW camera/VTX



Length: 82mm · Weight: 21g · Width: 92mm · Height: 40mm

BLH8570 — Blade Inductrix FPV Pro BNF Drone w/19k

FMS

Super EZ PNP w/Floats

- Optional float set included
- Upgraded and powered motor
- High-quality waterproof servos



Wingspan: 48in · Length: 40.2in · Wing Area: 440.2sq in

FMS096P — Super EZ 1220mm PNP w/Floats

SKYRC

D100 V2 AC/DC

- AC/DC Input
- Dual Charge Output (50W/channel)
- Compatible with LiHV Cells
- Built in DC power output



LiPo Cells: 1-6 · LiHV Cells: 1-6 · NiMH/NiCd Cells: 1-15

SKY1001303 — D100 V2 AC/DC Dual Multi Charger

HANGAR 9

Van's Aircraft RV-4 30cc

- Balsa and plywood
- Two-piece, plug-in wing
- Build with gasoline or electric power



Wingspan: 85in · Length: 72in · Wing Area: 1551sq in

HAN4885 — Van's Aircraft RV-4 30cc ARF

Thunder Tiger

RoboHero Robotix Kit

- 17 Movable Joints for fluid motion
- Programmable via smartphone
- Over 9 inches tall
- Perfect for introduction to robotics



Height: 9in · Width: 3.1in · Length: 4.5in · Weight: 17.6oz

TTT7500K10 — RoboHero Robotix Kit Humanoid Robot



When a qualifying product is nationally advertised at a lower price by any Canadian Hobby Shop, we will **beat it by 10% of the difference**. See web site for details.



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