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President - Craig Hooper  
Vice President - Dean Clark  
Secretary Treasurer - Colin Jensen



January 26, 2009

## NOTICE OF MEETING

The next meeting of the Regina Windy Flyers will commence at 7:30 pm on Monday January 26, 2009 at The Cathedral Neighborhood Centre, 2900 - 13th Avenue, Regina, Saskatchewan.

RWF Web Page <http://nonprofits.accesscomm.ca/reginaflyers/>



Well almost a month has passed us by in this new season already. The indoor pilots are going strong keeping those thumbs / fingers loose and having a great time doing it. Jamie has 6 more indoor evenings planned ( schedule on page 3), so if you have an aircraft drop on by and enjoy and evenings flying. It is also a great opportunity to drop by for those trying to learn a little about electric flying, see some of the equipment and talk to the guys, always makes for a fun sociable time.

With the new year club business needs to get rolling as well and much is already underway. Anyone wishing to take advantage of the early-bird club memberships needs to get them in before January 31 so dropping by the meeting is a great chance to take care of that. We have a new club president again this year, Craig Hooper. I would like to pass on a big thanks to Marc for all his efforts and leadership during 2008 and look forward to working with Craig. A big thanks as well to Dean and Colin for all past and future efforts, thanks for taking the duties on once again. And to all the past and present committee chairman and assistants, your efforts are always appreciated.

2009 Regina Windy Flyers Executive

President – Craig Hooper    Vice President – Dean Clark    Secretary/Treasurer – Colin Jensen

Airwaves is published January, March, May, June, July, August, September and November just prior to the meeting of that month. Meetings are held on the last Monday of the above mentioned months.

# **REDLINE HOBBY LTD.**

**H.J. (HENRY) REDEKOP**

308 McDonald Street  
 McDonald Business Centre  
 Regina, Saskatchewan, Canada S4N 6P6  
 Phone: (306) 721-4322 Fax: (306) 721-3443

## **Pat Folk**

1180 McDonald Street  
 Regina Sask. S4N 4X3  
**525-1554**



**Monday to Friday**  
 9:00 am till 12 noon  
 1:30 am till 5:00 pm

**Saturday and Sunday**  
 or after hours telephone  
**581-1990**



*When a really big guy crashes his airplane, it's NOT a good idea to laugh.*

## **2009 Indoor Flying sessions - Sportplex Fieldhouse**

After closing in on us, I decided to book the 2008/2009 indoor flying sessions at the Sportplex Fieldhouse. I'm hoping for a similar turnout as last year to cover the costs of each booking. The estimated cost for each session is around \$120.00 (3 tennis courts @ \$20.00 ea for 2 hours). The rules will be the same as last year - MAAC required, aircrafts should be a light indoor airplane/helicopter or rubber band type, lets try keep to the rule of no more than 3-4 people flying at any given time and most of all, just come out and have a good time.

**Remaining Booked Dates:**

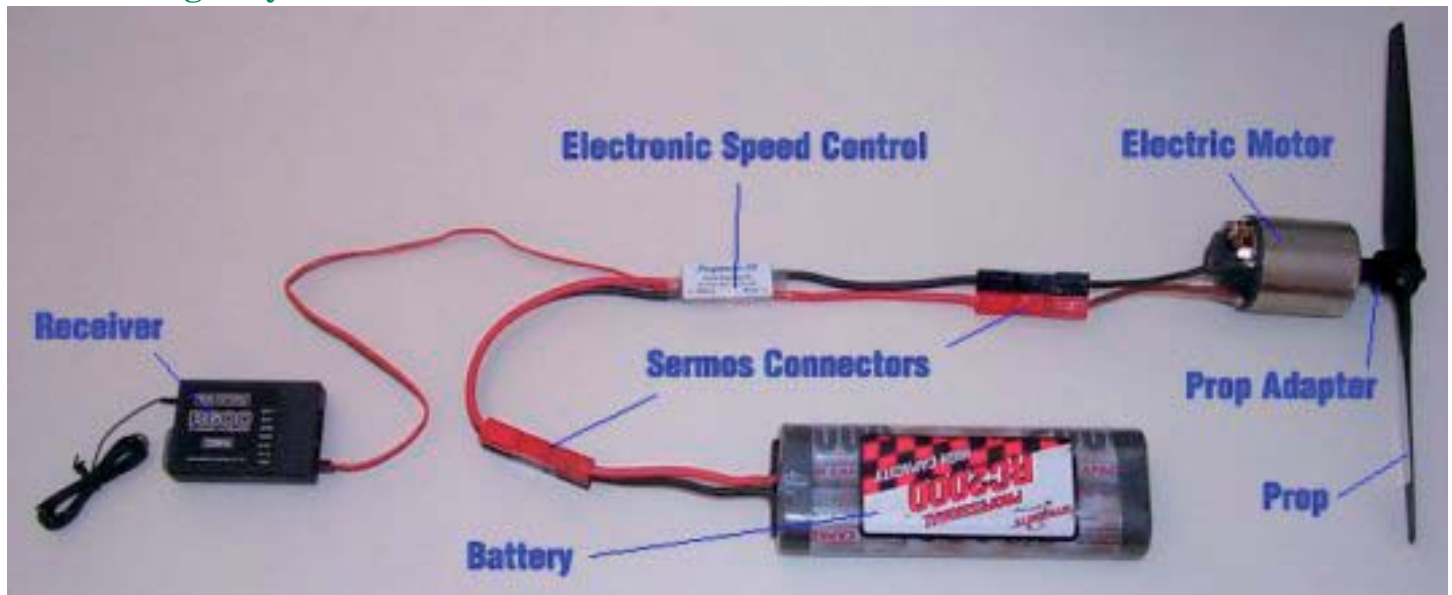
Day:	Date:	Time:
Saturday	January 31,2009	8:15pm - 10:15pm
Saturday	February 21,2009	8:15pm - 10:15pm
Saturday	March 14,2009	8:15pm - 10:15pm
Saturday	March 28,2009	8:15pm - 10:15pm
Saturday	April 11,2009	8:15pm - 10:15pm
Saturday	May 02,2009	8:15pm - 10:15pm

# Electric Flight Motor Controllers

by Jim Ewing  
Great Hobbies Inc

Electric Flight has come a long way in the past few years with much of the credit going to the development of sophisticated electronic motor controllers. Here are some of the features you should look for when choosing an ESC for your aircraft and what they do . . .

## Electric Flight System



Pictured above is a typical setup for an electric motor system. Servos and receiver battery have been left out for clarity. Please also note that we have not shown either a protective fuse or an arming switch, both of which are recommended and quite often used by modelers.

Take special note of the electronic speed control and how small it is. The unit shown is the Castle Creations Pegasus capable of handling up to 35 amps of continuous current. It is actually physically smaller than the Sermos connectors used in the circuit.

Not only are today's motor controllers very small, they are also usually microprocessor driven and have quite a few functions that make life much easier for the electric modeler. Here we will discuss some of these features and their usefulness.

## Voltage Rating

This is the voltage part of the operating range that an electronic motor controller is designed to operate over. It is generally specified as the number of NiCd cells to be used in the model. This figure can be converted to actual voltage by multiplying the number of cells by 1.2. There is 1.2 volts in each NiCd cell.

## Current Rating

The current rating is the amount of current that the unit is capable of handling. There are usually two numbers involved here, one being the continuous current rating and the other being the peak current. As the term implies, the continuous current is the amount of current that the speed control can supply on an ongoing basis without damage. Peak current is the amount of current that the unit can supply in short bursts before the unit gets overheated and possibly damaged.

## Current Limiter

The current limiter prevents damage to the controller should the propeller be stopped while in operation. The more load that is placed on an electric motor, the more current it draws. If the motor shaft is stopped, the motor appears to the power source as being very close to a short circuit and therefore wants to draw a great deal of current. A current limiter will reduce this maximum that it can supply so as to prevent damage to the controller, wiring and the motor.

## Prop Brake

The prop brake is a feature found on some controllers to keep the prop from free-wheeling when power is off. Essentially it applies a small amount of reverse current in power off position to oppose the free-wheeling of the prop. It is not enough current to make the propeller turn backwards.

## Battery Eliminator Circuit (BEC)

A Battery Eliminator Circuit permits using the main battery that powers the motor to also power the receiver and servos, thus eliminating the need for a second battery pack to supply these units. This gives a weight saving to the model, which can be crucial in electric powered aircraft. Plugging the motor controller into the receiver is all that is necessary to activate this function. Be sure the BEC for the motor controller you have selected is sufficient to power the number of servos you intend to use.

## Power Cut-Off

This function works in conjunction with the BEC circuit. Obviously, if you are using your main power battery to also power your radio system, you don't want to lose control of the model once the motor has drained the battery. The Power Cut-off function will automatically cut the power off to the motor when the battery voltage has dropped to a pre-set level, ensuring that there is enough power remaining in the battery to supply the radio for the remainder of the flight.

## Temperature Overload Protection

This function is also used to protect the motor controller from heat damage. If the operating temperature of the unit reaches a certain point, the circuitry will automatically shut it down. Heat is the biggest enemy of electronic components.

## Motor-On Safety Start

Many motor controllers have a safety feature that prevents the motor from being accidentally activated when the radio is turned on. The motor is usually off when the throttle stick is in the lower portion of its range. The exact position of where the motor turns off can usually be adjusted through a potentiometer on the motor controller. The safety start ensures that the throttle stick has to be put into this lower range before the motor will start in the first place. This ensures that if the radio is turned on with the throttle stick at above the minimum position, the motor will not come on unexpectedly.

## *Tips:*

\* Allow continuous air flow around the speed control. Do not pack it in foam. All electronic devices generate heat and their operation depends on them remaining cool. This is particularly true for devices such as ESCs that pass a lot of current. The more current, the more heat.

\* Use good quality connectors and large diameter, low gauge wire with many strands. The operation of your electric flight system is inversely dependant on the total resistance in the circuit and small wire, poor solder joints, and poor grade connectors that have small surface area, dirty contact points, or that wear easily will not give you good service or good performance.

## REGINA WINDY FLYERS MEMBERSHIP FEES 2009

MAAC FEES ARE CLUB PROCESSED AND ARE FOR MEMBER CONVENIENCE.  
THEY CANNOT BE AND ARE NOT PART OF CLUB FUNDS.  
IF MAAC IS OBTAINED SEPARATELY, NO FLYING WILL BE PERMITTED UNTIL THE  
MAAC CARD IS RECEIVED BY MAIL.

**MEMBERSHIP YEAR** The rights of membership shall terminate on December 31 of each year.  
All club members will still be accepted as paid members until the March meeting of the following year although no  
flying privileges are granted until becoming fully paid for the year.  
Flying privileges require membership in MAAC (Model Aeronautics Association of Canada)

Both M.A.A.C. and R.W.F. define age categories as follows  
Junior = under 18 as of Jan 1st  
Open = 18 or over as of Jan 1st

### CLUB DUES IF SUBMITTED WITHOUT MAAC DUES

Prior to Jan. 31, 2009	Junior \$15.00	Open \$65.00
After Jan. 31, 2009	Junior \$20.00	Open \$80.00
After Aug. 1, 2009	Junior \$10.00	Open \$40.00

### Prior to Jan. 31, 2009 Club And MAAC Dues Submitted Together

	RWF fee		MAAC fee		
Junior	\$15.00	+	\$21.00 (\$10.00 no mag)	=	\$36.00 (\$25.00 no mag)
Open	\$65.00	+	\$75.00	=	\$140.00

### After Jan. 31, 2009 Club And MAAC Dues Submitted Together

	RWF fee		MAAC fee		
Junior	\$20.00	+	\$21.00 (\$10.00 no mag)	=	\$41.00(\$30.00 no mag)
Open	\$80.00	+	\$75.00	=	\$155.00

### After Aug 1, 2009 Club And MAAC Dues Submitted Together

	RWF fee		MAAC fee		
Junior	\$10.00	+	\$21.00 (\$10.00 no mag)	=	\$31.00(\$20.00 no mag)
Open	\$40.00	+	\$75.00	=	\$115.00

## Family Membership

Son / Daughter who are under 18 years with parent paying Open membership.  
MAAC Junior \$21.00( \$10.00 no mag ) plus RWF fees of \$10.00 = \$31.00 ( \$20.00 No mag )  
The parent pays full fee.

NOTE: Signed MAAC form required each year for insurance and renewal purposes. Please forward  
same with fees to save secretary unnecessary extra paper work.

FIELD BOX LABEL MUST BE DISPLAYED BY ALL MEMBERS ON THEIR FIELD BOX.



# REGINA WINDY FLYERS MEMBERSHIP APPLICATION



MAAC# \_\_\_\_\_

Junior Member (under 18 years as of Jan 1st)

NEW CLUB MEMBER

Open Member (18 years or over as of Jan 1st)

CLUB MEMBERSHIP RENEWAL

NAME ( first ) \_\_\_\_\_ ( middle initial ) \_\_\_\_\_

( last ) \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY / TOWN \_\_\_\_\_ POSTAL CODE \_\_\_\_\_

TELEPHONE \_\_\_\_\_ WORK / CELL \_\_\_\_\_

EMAIL \_\_\_\_\_

Please send newsletter and notices to my email address

BIRTHDATE \_\_\_\_/\_\_\_\_/\_\_\_\_

month                      day                      year

I agree to allow the Regina Windy Flyers to use, distribute and print the above member information for club purposes (eg: Newsletters, mailouts, contact and membership lists.) Birthdate and email address will not be distributed to general membership. Failure to check either box will be assumed as consent.

YES

NO

**MEMBERSHIP YEAR** The rights of membership shall terminate on December 31 of each year. All club members will still be accepted as paid members until the March meeting of the following year although no flying privileges are granted until becoming fully paid for the year. Flying privileges require membership in MAAC (Model Aeronautics Association of Canada)

I have read and fully understand the Regina Windy Flyers Rules of Conduct and Safety and will abide by all rules and regulations that have been established, or will in future be established, by the Regina Windy Flyers. I understand that my failure to comply with the clubs rules and regulations may result in immediate suspension of flying privileges or termination of club membership.

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

### MEMBERS UNDER THE AGE OF 19 PARENT/GUARDIAN APPROVAL

(parent or guardian must sign (check box and fill in name) if applicant is under the age of 19

I am the parent/legal guardian of the applicant. I understand that engaging in air modeling activities may be dangerous, and I agree to provide the appropriate supervision to the applicant. I have read and will ensure compliance with the rules and regulations that currently exist, and I will read and ensure compliance with all future rules and regulations. I understand that if the applicant does not comply with the rules and regulations of the Regina Windy Flyers and MAAC, he or she may have flying privileges suspended or be denied membership and/or in the failure or liability for any damages or claims, and I accept the full risk of such denial on the part of the applicant.

I AGREE

SIGNATURE: \_\_\_\_\_

Please complete the membership form completely and forward it to the club Secretary Treasurer. Payment will be accepted by cheque or money order. Completed form and MAAC form may be sent to:

**Regina Windy Flyers**  
**Box 27004**  
**420 Albert St.**  
**Regina, Sk**  
**S4R 2N8**  
**(306) 543-6430**



# MODEL FLYERS APPLICATION 2009



## DEMANDE DE PERMIS DE MODÉLISTE 2009

MODEL AERONAUTICS ASSOCIATION OF CANADA / 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

MAAC # \_\_\_\_\_

1 Year / An

1/2 Year / An

15 months / 15 mois

3 Years / Ans

### Member Type / Type d'adhésion

#### Junior Member/Membre Cadet

(Under 18 years as of Jan. 1/09 - Moins de 18 ans au 1 janvier)

Jan 1 - Dec 31/09

Sep 1/09 - Dec 31/09

Sep 15/09 - Dec 31/10

Jan 1/09 - Dec 31/11

\$10.00  
(no magazine / sans la revue)

\$5.00

\$10.00

N/A

\$21.00  
(with magazine / avec la revue)

\$10.50

\$21.00

N/A

#### Open Member/Membre Régulier

(18 years or over as of Jan 1/18 ans et plus au 1er janvier)

\$75.00  
(includes magazine / magazine inclus)

\$37.50

\$75.00

\$203.00  
(CDN residents only)  
(uniquement pour résident Canadien)

Birthdate / Date de naissance: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
month/mois day/jour year/année

Language/Langue (E/F) \_\_\_\_\_ Occupation / Emploi \_\_\_\_\_

Birthdates are required for verification of member type and kept confidential  
Date de naissance requise pour vérification, renseignements confidentiels

Current year fees are non-refundable  
Cotisation annuelle non remboursable

Bi-monthly publication is supplied to members commencing at renewal  
Les publications bimensuelles sont envoyées à tous les membres à partir du renouvellement

Name / Nom: \_\_\_\_\_  
First / Prénom Initial / Initiale Last / Nom

Address / Adresse: \_\_\_\_\_  
Street, Avenue, Blvd, rue, chemin, etc. Unit / app #

City / Ville: \_\_\_\_\_ Province: \_\_\_\_\_ Postal Code Postal: \_\_\_\_\_

I AM A RESIDENT OF / JE SUIS UN RÉSIDENT DU: CANADA  UNITED STATES / ETATS-UNIS  OTHER   
(provide proof of 2009 AMA status)  
(avec preuve d'adhésion AMA pour 2009)

Home / résidentiel TEL: \_\_\_\_\_ FAX: \_\_\_\_\_ EMAIL / COURRIEL: \_\_\_\_\_

Work / travail TEL: \_\_\_\_\_ FAX: \_\_\_\_\_ EMAIL / COURRIEL: \_\_\_\_\_

MAAC CLUB AFFILIATION(S) / CLUB AFFILIÉ à MAAC: \_\_\_\_\_

How did you become aware of MAAC?  Friend/Ami  Family/Famille  Club  Radio/TV  Web  
Comment avez-vous connu MAAC?  Hobby Show: \_\_\_\_\_  Hobby Shop: \_\_\_\_\_

### Interest Category / Catégories d'intérêts

(please check all that apply / cochez les cases appropriées):

- Sport (just for fun/juste pour le plaisir)
- R/C Float Plane / Hydravion à flotteurs  R/C Helicopter / Hélicoptère
- R/C Precision Aerobatics / Acrobatie de précision
- R/C Scale Aerobatics / Acrobatie à l'échelle  R/C Pylon / Pylône
- R/C Sailplane / Planeur  R/C Scale Sailplane / Maquette de planeur
- R/C Scale / Maquette  R/C Giant Scale / L'échelle géante
- R/C Open Combat / Combat libre  R/C Scale Combat / Combat de copies volantes
- Control Line / Vol circulaire  Control Line Stunt / Vol circulaire acrobatique
- R/C Electric Aircraft / Maquettes électriques  Free Flight Outdoor / Vol libre extérieur
- Free Flight Indoor / Vol libre intérieur  Jet / Avion à réaction
- Rocket / Fusée  R/C Car / R/C Auto
- SAM (Society of Antique Modelers / société des anciens modélistes)
- R/C Boat / R/C Bateau  R/C Indoor / Vol intérieur télécommandé

Primary Interest / Intérêt principal: \_\_\_\_\_

Do you compete in any of the above categories?

Participez-vous à des compétitions dans une catégories ci-haut mentionnées?

- Local / Locale  Regional / Régionale  National / Nationale  International / Internationale

What event / Quel événement? \_\_\_\_\_

(World Championship competitors use FAI designation / Utilisez l'identification "FAI" si vous êtes un compétiteur de classe mondiale)

### Donations / Dons:

Museum Fund / Musée \$ \_\_\_\_\_

Team Travel Fund / Fonds de voyage pour équipe \$ \_\_\_\_\_

Competition Fund / Fonds pour compétition \$ \_\_\_\_\_

Flying Field Protection Fund / Fond de la Protection des Champs \$ \_\_\_\_\_

Other (specify) / Autre (spécifiez) (\_\_\_\_\_) \$ \_\_\_\_\_

**Total \$ \_\_\_\_\_**

### Method of Payment / Méthode de Paiement:

fax/email confirmation carries a \$5.00 service fee.  
Pour une confirmation par fax ou courriel, il y aura un frais de service de \$ 5.00.

Please send me a fax/email confirmation. My number/address is below.  
Bien vouloir me faire parvenir une confirmation par fax ou courriel à l'adresse ou numéro ci-dessous mentionné.

Fax / email/courriel: \_\_\_\_\_

\_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_  
(MEM/COTISATION) (CONFIRM) (DONATION/DONS) (OTHER/AUTRE) (TOTAL)

### Cheque Enclosed/Chèque Inclus

VISA  Mastercard

Card #: \_\_\_\_\_

Exp.: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

I will report any incident without delay. I acknowledge that as a member I am responsible for \$500 of the \$2500 insurance deductible when I have caused an incident to occur. (Should the incident occur at your club field, the club is responsible for half and the member the second half of \$500. The member/club portion of the deductible is payable to MAAC at the time of reporting).

Je déclarerai tout incident sans délai. En tant que membre, je reconnais que je devrai effectuer un paiement de 500,00\$ pour le déductible d'assurance de 2500,00\$ lorsque j'ai causé un incident. (Si l'incident survient à votre club, ce dernier est responsable de la moitié du déductible de 500,00\$ du membre. La portion membre/club du déductible est payable à MAAC au moment de la déclaration de l'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 for any damages or claims. 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.

Je conviens que la pratique de l'aéromodélisme peut causer certains dangers. J'ai lu et je respecterai les règlements qui sont présentement établis, ou le seront dans le futur, par l'Association. Je comprends qu'à défaut d'observer le Code de Sécurité, ceci pourrait résulter en la perte de la couverture d'Assurance pour tous dommages ou réclamations. Je reconnais aussi que lorsque je ferai voler un modèle dans n'importe lequel des 50 états des États-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 un conflit entre les deux Codes, le plus sévère des deux sera de rigueur, et que j'utiliserai uniquement les fréquences approuvées par les États-Unis pour les modèles télécommandés.

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  
Le parent ou tuteur du candidat âgé de moins de 18 ans doit signer et accepter d'offrir la surveillance adéquate au candidat

Please allow 3-5 weeks for application to be processed  
Prévoir allouer 3 à 5 semaines pour réception du permis.



# General Order Form / Bon de Commande Générale

PRINT CLEARLY / IMPRIMER CLAIREMENT



Name/Nom: \_\_\_\_\_ MAAC # \_\_\_\_\_

Address/Adresse: \_\_\_\_\_  
Street \_\_\_\_\_ Apt. # \_\_\_\_\_

City/Ville: \_\_\_\_\_ Prov: \_\_\_\_\_ Postal Code: \_\_\_\_\_

Tel: ( \_\_\_\_\_ ) \_\_\_\_\_ Fax: ( \_\_\_\_\_ ) \_\_\_\_\_ Email: \_\_\_\_\_

	Quantity/é	TOTAL
<b>Decals:</b> Wings/Ailes –Small/ Petit .....	_____	\$ 0.65 _____
Wings/Ailes –Medium/Moyenne.....	_____	\$ 0.70 _____
Wings/Ailes –Large/Grande .....	_____	\$ 0.75 _____
All three/Toutes les trois .....	_____	\$ 2.00 _____
Tri-colour/Cercle MAAC tricolore .....	_____	\$ 1.50 _____
Bumper Sticker / Autocollant pour pare-choc.....	_____	\$ 5.00 _____
Numbers/Chiffres – 2” (priced per#, Specify Qty/prix unité, quantité).....	_____	\$ 0.50 _____
_____ 1 _____ 2 _____ 3 _____ 4 _____ 5 _____ 6 _____ 7 _____ 8 _____ 9 _____ 0		
Numbers/Chiffres – 3” (priced per#, specify Qty/prix unité, quantité).....	_____	\$ 0.75 _____
_____ 1 _____ 2 _____ 3 _____ 4 _____ 5 _____ 6 _____ 7 _____ 8 _____ 9 _____ 0		
<b>Pins/Épingles:</b> Brass Lapel Pin/cuivre .....	_____	\$ 4.00 _____
Tri-colour Plastic Pin/tricolore plastique.....	_____	\$ 2.00 _____
Hat Pins/à chapeau (specify Qty/quantité) .....	_____	\$ 2.50 _____
_____ 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 Pilot    _____ 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) .....	_____	\$ 7.00 _____
Nom: _____ Club/Location: _____		
<b>Clothes/Vêtements:</b> T-Shirt .....	_____	\$ 17.50 _____
_____ Large    _____ XLarge    _____ XXXLarge		
MAAC Hat / Chapeau du MAAC (specify Qty/ quantité) .....	_____	\$ 15.00 _____
_____ MAAC Instructor .....	_____	\$ 20.00 _____
Visor/ visière .....	_____	\$ 15.00 _____
<b>Misc.:</b> MAAC Crest / Écusson du MAAC.....	_____	\$ 2.00 _____
50th Anniversary Crest / Écusson du 50 ième anniversaire .....	_____	\$ 10.00 _____
Frequency Board/ tableau de fréquences.....	_____	\$ 15.00 _____
Warning Sign / pancarte d'avertissement.....	_____	\$ 5.00 _____
Cub Kit (minimum 5) .....	_____	\$ 3.00 _____
Medallions/ Médailles (specify Qty/ quantité) .....	_____	\$ 6.00 _____
_____ Gold/or    _____ Silver/argent    _____ Bronze		
Rule Books/livre de règlements (specify quantities/ quantité) .....	_____	\$ 5.00 _____
_____ R/C Scale    _____ R/C Car    _____ R/C Helicopter    _____ R/C Soaring    _____ R/C Precision Aerobatics		
_____ R/C Pylon    _____ Free Flight    _____ Control Line    _____ Indoor    _____ Scale Aerobatics		
_____ Electric    _____ Jets    _____ Scale Sailplane    _____ Rockets    _____ Giant Aircraft		
MAAC Flag/ drapeau .....	_____	\$ 30.00 _____
10K Gold MAAC Ring/ Bague en or 10k (specify size/grandeur).....	_____	\$ 275.00 _____

Pictures available at [www.maac.ca](http://www.maac.ca) under MAAC e-Store

**Subtotal/Sous-total** ..... \$ \_\_\_\_\_

**Shipping/ Frais de poste:** (add \$3.00 for orders of \$5-\$20, add \$5.00 for orders of \$20-\$100, and \$10 for orders over \$100) \$ \_\_\_\_\_

**GST:** (5%, applies to subtotal and shipping charge for all provinces except NS, NB and NF) ..... \$ \_\_\_\_\_

**HST:** (13%, applies to subtotal and shipping charges for the provinces of NS, NB and NF)..... \$ \_\_\_\_\_

**Ontario PST:** (8% applies to subtotal only for ON) ..... \$ \_\_\_\_\_

**TOTAL: (subtotal plus shipping plus applicable taxes)** ..... \$ \_\_\_\_\_

**Payment/Paiement:**  Cheque Enclosed (payable to MAAC) / Inclus (paiement chèque à MAAC)    **Total Amount:**    \$ \_\_\_\_\_

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 **FAX: 905-632-3304.**

Please allow 6 to 8 weeks for delivery. Prévoir 6 à 8 semaines pour réception.