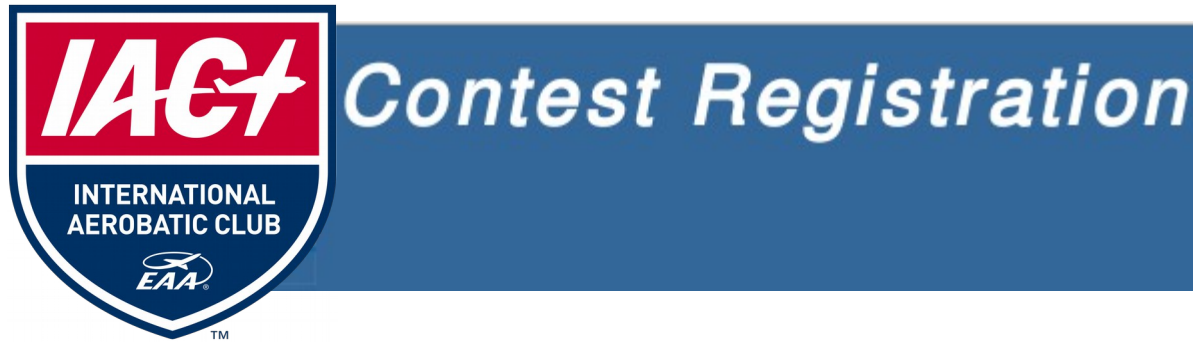The Aerobatic Contest Registration System available at www.iacusn.org/acrs/ is a complete registration system for regional and the national aerobatic contests.

This presentation reviews many of the features of ACRS with screen shots and commentary.

ACRS has been used for the IAC National Aerobatic Championships since 2007.

There are almost 1500 member accounts with ACRS, the system has been used by over 220 contests with over 5600 contest registrations as of 1/21/2016.

Contest Selection and Configuration
Pilot and Volunteer Registration
Registration Management
Account Management

Contest Registration

INTERNATIONAL AEROBATIC CLUB

EAA

Select a Contest

Welcome, Douglas Lovell.

(If you are not Douglas Lovell, please login.)

Available Contests

Contest	Start	End	Reg closes
2009 Sandbox Contest. Use for exploration and testing.	12/28/2009	12/31/2009	12/28/2009

- Add a new contest.

ACRS allows any number of contests. They appear in order of start date. Contests disappear from the list after the end date. The contest data remains in the database and may be accessed for historical purposes.

Any registered member can add a contest.

This form lets an IAC Chapter add a contest that it will sponsor. Please don't use this form to add a contest you think you know about that you would like to attend. Pass this url along to the contest CD instead. The system will log you as the administrator for this contest entry. Thank you.

Contest name:

Sandbox Contest. Use for exploration and testing.

Location:	Chapter:
Immelman, MT	96

Year (YYYY):	Registration Deadline(MM/DD):
2009	12/28

Start date(MM/DD):	End date(MM/DD):
12/28	12/31

Announcement Web address:

http://www.iacusn.org/acrs/

Registration email contact:

doug@wbreeze.com

Accepts PayPal registration payments?:	PayPal account identifier:
○ yes ● no	

Has judge voting?:	Voting email contact:
● yes ○ no	doug@wbreeze.com

Payment required before judge voting?:
○ yes ● no

Accepts practice slot reservations?:	Maximum slots per pilot:
● yes ○ no	2

Payment required before slot reservation?:
○ yes ● no

Save and Continue

The add contest form requests that the Contest Director at least be aware of hosting contest registration on ACRS.

Optional contest registration features include PayPal payments, judge voting, and practice sessions.

Contest Categories

Contest official, Douglas Lovell.

(If you are not Douglas Lovell, please login.)

Category	Edit	Delete	Reg amt	Has Student	Student amt	Has Team	Team amt	Has 4Min	4Min add amt	Judge Voting	Max Votes	Vote Team only	Vote Region	Max per Region	Voting deadline
Power Primary	edit	delete	100	no		no		no		no		no	no		12/31/1969
Power Sportsman	edit	delete	100	no		no		no		no		no	no		12/31/1969
Power Intermediate	edit	delete	100	no		no		no		no		no	no		12/31/1969
Power Advanced	edit	delete	100	no		yes	150	no		yes	5	no	no		11/30/2009
Power Unlimited	edit	delete	100	no		no		yes	50	no		no	no		12/31/1969
Glider Sportsman	edit	delete	100	no		no		no		no		no	no		12/31/1969
Glider Intermediate	edit	delete	100	no		no		no		no		no	no		12/31/1969
Glider Unlimited	edit	delete	100	no		no		no		no		no	no		12/31/1969

Add Category

Run contest category wizard.

Return to registration

A contest creation wizard produces the list of categories hosted by the contest. This table shows the features elected for each category.

Category Settings

Contest official, Douglas Lovell.

(If you are not Douglas Lovell, please login.)

Edit the settings for this contest category.

Class:
- ⦿ power ○ glider ○ other

Category:
- ○ primary ○ sportsman ○ intermediate ⦿ advanced ○ unlimited ○ 4min ○

Category description:

`Power Advanced`

Regular registration amount:

`100`

Allows student registrations?:
- ○ yes ⦿ no

Student registration amount:

`[          ]`

Has team candidates?:
- ⦿ yes ○ no

Team registration amount:

`150`

Has four minute free option?:
- ○ yes ⦿ no

Four minute free additional amount:

`[          ]`

Judge voting?:
- ⦿ yes ○ no

Maximum total votes:

`5`

Votes by team candidates only?:
- ○ yes ⦿ no

Votes by Region?:
- ○ yes ⦿ no

Maximum votes per region:

`[          ]`

Judge voting deadline(MM/DD):

`11/30`

[Save and Continue]

Each category may have selected registration features:

Registration amount
Student registration
Team registration and amount
Four minute free
Judge voting
Team only voting
Judge voting by region

2009 Sandbox Contest. Use for exploration and testing.

Immelman, MT
Monday, December 28 to Thursday, December 31 2009

Practice Sessions

Contest official, Douglas Lovell.

(If you are not Douglas Lovell, please login.)

Edit	Delete	Date	Start time	End time	Minutes	Max per pilot
edit	delete	12/28/2009	08:00	19:00	10	2
edit	delete	12/29/2009	08:00	12:00	10	1

Add Session

Return to registration

A contest may have zero or more practice sessions.

If enabled, registered pilots will have the option of reserving in advance some number of practice slots.

The box master will have the ACRS practice list report.

2009 Sandbox Contest. Use for exploration and testing.

Immelman, MT
Monday, December 28 to Thursday, December 31 2009

Practice Session

Contest official, Douglas Lovell.

(If you are not Douglas Lovell, please login.)

Edit the settings for this practice session.

Session date(MM/DD): Start time(HH:MM): End time(HH:MM):

| 12/28 | 08:00 | 19:00 |

Max slots per pilot: Minutes per slot:

| 2 | 10 |

[Save Session]

Return without saving

This is an open source project supported by SourceForge.

A practice session has date, start time, and end time. The CD sets the amount of practice time allocated per slot and the maximum number of slots that a pilot may reserve in each session.

Designate practice slots
Contest Director, Douglas Lovell.

(If you are not Douglas Lovell, please login.)

Select a category or class. Select practice slots to designate for that category or class. The form shows current reservations and designations. Remove checks from current designations to clear them.

Designation:

○ Power Primary ○ Power Sportsman ○ Power Intermediate ○ Power Advanced ○ Power Unlimited

○ Glider Sportsman ○ Glider Intermediate ○ Glider Unlimited

○ power ● glider

Monday, December 28

☐ 08:00-08:10 ☐ 10:20-10:30 ☐ 12:40-12:50 ☐ 15:00-15:10 ☐

☐ 08:10-08:20 ☐ 10:30-10:40 ☐ 12:50-13:00 ☐ 15:10-15:20 ☐

☐ 08:20-08:30 ☐ 10:40-10:50 ☐ 13:00-13:10 ☐ 15:20-15:30 ☐

☐ 08:30-08:40 ☐ 10:50-11:00 ☐ 13:10-13:20 ☐ 15:30-15:40 ☐

☐ 08:40-08:50 ☐ 11:00-11:10 ☐ 13:20-13:30 ☐ 15:40-15:50 ☐

☐ 08:50-09:00 ☐ 11:10-11:20 ☐ 13:30-13:40 ☐ 15:50-16:00 ☐

The CD can designate selected slots for power or glider pilots, or for a specific category. Those sessions will appear as if already reserved to pilots not registered for the designated category or class.

Judge Ballot

Given Name: [   ]

Family Name: [   ]

Contact Phone: [   ]

IAC Member #: [   ]

Available Date: [   ] (mm/dd or mm/dd/yyyy)

Region:

○ northwest ● southwest ○ midamerica ○ southcentral ○ northeast ○ southeast

[Add judge] [Remove judge]

Return to index

Ballot of Judges

northeast

Rob Holland   987124 01/09/2009

southeast

Tom Adams   987612 01/05/2009

Mike Heuer   987145 01/10/2009

midamerica

Louis Andrew   987442 01/06/2009

Doug Bartlett   987586 01/04/2009

Lorrie Penner   81731   01/03/2009

southcentral

Scott Poehlmann   141341 01/02/2009

Debby Rihn-Harvey   987213 01/08/2009

northwest

Robert Armstrong   987345 01/07/2009

A contest that has judge voting must have a ballot. This screen allows the CD to create the list of judges on the ballot.

2009 Sandbox Contest. Use for exploration and testing.
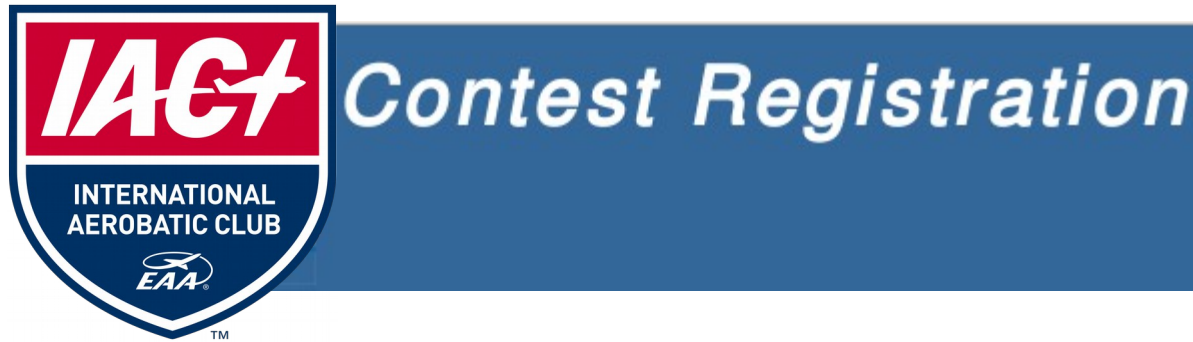
Immelman, MT
Monday, December 28 to Thursday, December 31 2009

Authorize Officials

Name	CD	Reg	VC
kelly adams (kelly Adams)	☐	☐	☐
Tom Adams (Tom Adams)	☐	☐	☐
Mike Albert (albertm)	☐	☐	☐
carlos almeida (springfield)	☐	☐	☐
Melissa Andrzejewski (Melissa Andrzejewski)	☐	☐	☐
Sheldon Apsell (Sheldon Apsell)	☐	☐	☐
Robert Armstrong (6712)	☐	☐	☐
robert armstrong (rba)	☐	☐	☐
Eric Backscheider (ebackscheider)	☐	☐	☐
Colin Bailey (cbailey)	☐	☐	☐
Kirill Barsukov (kbarsukov)	☐	☐	☐
larry bashore (bashore)	☐	☐	☐
Darren Behm (dbehm)	☐	☐	☐
Charles Benham (0027679)	☐	☐	☐

The CD designates people who may have access to contest reports and configuration. There are four levels of access.

- Registrant can edit their own registration information.
- VC can view volunteer reports
- Registrar can view registration, payment, and volunteer reports.
- CD can view all reports and edit the contest parameters.

Contest Selection and Configuration
Pilot and Volunteer Registration
Registration Management
Account Management

Registration Information
For, Douglas Lovell.

(If you are not Douglas Lovell, please login.)

Given name:	Family name:	Email address:
Douglas	Lovell	blue@wbreeze.com

Street address:

8 Loudon Dr. #6

City:	State:
Fishkill	NY

Country:	Postal code:	Cell phone number:
USA	12524-1876	914-456-1594

EAA Number:	IAC Number:	Shirt Size:
679359	430157	Large

Register as:

○ not attending   ○ competitor   ◉ volunteer

Competition category:

○ Power Primary   ○ Power Sportsman   ○ Power Intermediate   ◉ Power Advanced   ○ Power

○ Glider Sportsman   ○ Glider Intermediate   ○ Glider Unlimited

☐ Register as a world team aspirant

FAI Sporting License:

☐ Register for the four minute free program

☐ Register as a student

Name of accredited university or FAA approved A&P program:

ACRS copies registration information from the most recent contest. Registrants do not have to re-enter this information for every contest.

Note that the category related items are disabled for a volunteer.

A registrant can withdraw by changing their status to "not attending."

City:

Fishkill

State:

NY

Country:

USA

Postal code:

10532

Cell phone number:

914-456-1594

EAA Number:

679359

IAC Number:

430157

Shirt Size:

Large

Register as:

○ not attending ◉ competitor ○ volunteer

Competition category:

◉ Power Primary   ○ Power Sportsman   ○ Power Intermediate   ○ Power Advanced   ○ Power Unlimited

○ Glider Sportsman   ○ Glider Intermediate   ○ Glider Unlimited

☐ Register as a world team aspirant

FAI Sporting License:

☐ Register for the four minute free program

☐ Register as a student

Name of accredited university or FAA approved A&P prog

This registrant has changed status to "competitor." The list of competition categories includes only categories configured for the contest.

As a competitor, this registrant can select a competition category.

Note that team, four minute, and student registrations are not available for Power-Primary registrants at this contest and are not enabled.

City:
Fishkill

State:
NY

Country:
USA

Postal code:
10532

Cell phone number:
914-456-1594

EAA Number:
679359

IAC Number:
430157

Shirt Size:
Large ⌄

Register as:
○ not attending ● competitor ○ volunteer

Competition category:

○ Power Primary   ○ Power Sportsman   ○ Power Intermediate ● Power Advanced ○ Power Unlimited

○ Glider Sportsman ○ Glider Intermediate ○ Glider Unlimited

☑ Register as a world team aspirant
FAI Sporting License:

☐ Register for the four minute free program

☐ Register as a student
Name of accredited university or FAA approved A&P prog

The Power Advanced category for this contest has optional team registration.

Volunteer Information

For Douglas (W) Lovell.

(If you are not Douglas (W) Lovell, please login.)

	Any category	Power Primary	Power Sportsman	Power Intermediate	Power Unlimited	Glider Sportsman	Glider Intermediate	Glider Unlimited
Work any role	☐ Any Category	☐ Power Primary	☐ Power Sportsman	☐ Power Intermediate	☐ Power Unlimited	☐ Glider Sportsman	☐ Glider Intermediate	☐ Glider Unlimited
As grading judge	☑ Any Category	☑ Power Primary	☑ Power Sportsman	☑ Power Intermediate	☑ Power Unlimited	☑ Glider Sportsman	☑ Glider Intermediate	☑ Glider Unlimited
As assistant judge or caller	☑ Any Category	☑ Power Primary	☑ Power Sportsman	☑ Power Intermediate	☑ Power Unlimited	☑ Glider Sportsman	☑ Glider Intermediate	☑ Glider Unlimited
As recorder or scribe	☐ Any Category	☐ Power Primary	☐ Power Sportsman	☐ Power Intermediate	☐ Power Unlimited	☐ Glider Sportsman	☐ Glider Intermediate	☐ Glider Unlimited
As boundary judge	☐ Any Category	☐ Power Primary	☐ Power Sportsman	☐ Power Intermediate				
As runner or driver	☐ Any Category	☐ Power Primary	☐ Power Sportsman	☐ Power Intermediate				
As deadline judge	☐ Any Category	☐ Power Primary	☐ Power Sportsman	☐ Power Intermediate				
As timer or boundary recorder	☐ Any Category	☐ Power Primary	☐ Power Sportsman	☐ Power Intermediate				
As assistant to the Chief Judge	☑ Any Category	☑ Power Primary	☑ Power Sportsman	☑ Power Intermediate				

Current line judge qualification:
○ none ○ regional ● national

[Save and Continue Registration]   [Save and ...]

Return without saving

The volunteer preferences screen enables selection of any combination of category and position.

Note that a competitor's selected category does not appear.

Pilot certificate type:

○ student ○ private ● commercial ○ atp   ☑ Current medical

Certificate number:

2842184   ☑ Current bi-annual

Chapter number declaration:

52   ☑ Current parachute pack

Safety pilot name:

[   ]

☑ Owner pilot

Airplane owner name: Phone number:

Douglas (W) Lovell   914-456-1594

Street address:

8 Loudon Dr #6

City: State:

Fishkill   NY

Country:

USA

Airplane make: Model:

Giles   200

Type of Airworthiness: Registration:

● experimental ○ acrobatic   N220JW

☑ Current condition inspection

Engine make: Model:

Lycoming   AEIO-360-EXP

Insurance company: ☑ $1M min. liab

Northwest   ☑ $100K min. p

Insurance expiration (mm/dd/yyyy):
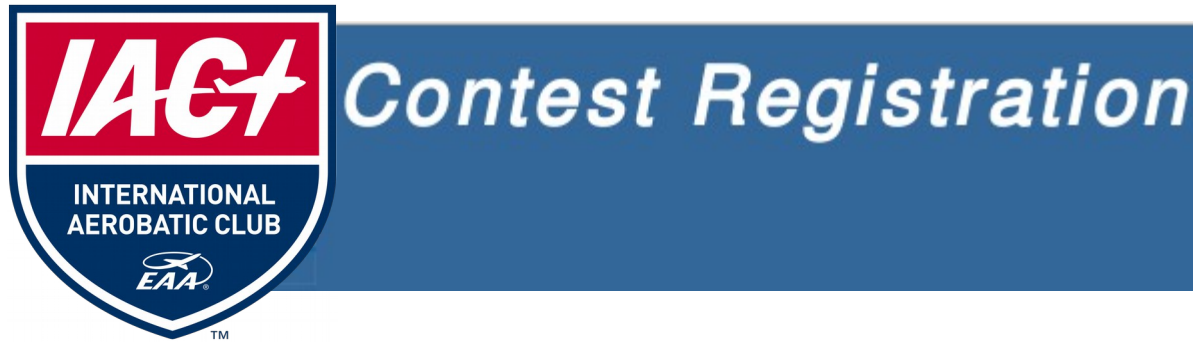
06/30/2009

ACRS copies flying information from the registrant's most recent registration.

It copies owner fields when the pilot checks the "Owner pilot" box and disables those fields.

Clearing the "Owner pilot" checkbox enables the owner information fields for editing.

Contest Selection and Configuration
Pilot and Volunteer Registration
Registration Management
Account Management

2009 Sandbox Contest. Use for exploration and testing.

Immelman, MT
Monday, December 28 to Thursday, December 31 2009

Registration

Welcome, Douglas (W) Lovell.

(If you are not Douglas (W) Lovell, please login.)

- Edit your registration information.

- Select a different contest
- Change your password
- Logout

Registered Contestants

POWER ADVANCED

Douglas Lovell, Chapter 52, for the Team

The registration menu for a new, unregistered competitor has only one registration related action. The action starts the series of screens that take pilot, volunteer, airplane information, and payment (if enabled for payment).

The remaining options enable contest selection, password change, and logout (for public machines).

2009 Sandbox Contest. Use for exploration and testing.

Immelman, MT
Monday, December 28 to Thursday, December 31 2009

Registration

Welcome, Douglas (W) Lovell.

(If you are not Douglas (W) Lovell, please login.)

- Edit your registration information.
- Edit your volunteer preferences.
- Edit your flying information.

  - **Vote your choice of judges.**
  - **Change or select your practice slot.**

- **We have not recorded your vote for judges.**

- Print your registration data summary.
- Print IAC contest registration forms.

- *Select a different contest*
- *Change your password*
- *Logout*

A registered pilot sees more options for editing registration, volunteer, and flying information.

A contest with judge voting will show a voting action when the registrant has not yet voted.

A contest that has practice slots will show an action to edit practice slot selection.

Warnings appear when the registrant has not yet provided required information.

A registrant can print their registration forms for backup and comfort.

2009 Sandbox Contest. Use for exploration and testing.

Immelman, MT
Monday, December 28 to Thursday, December 31 2009

Registration

Welcome, Douglas Lovell.

(If you are not Douglas Lovell, please login.)

- Edit your registration information.
- Edit your volunteer preferences.

- Select a different contest
- Change your password
- Logout

- Edit contest information.
- Edit contest categories.
- Edit practice sessions.
- Designate practice slots.
- Edit judging ballot.
- Authorize contest officials.

- Summary report of registration information.
- IAC registration forms as PDF.
- Spreadsheet importable list of competitors.
- IAC participation agreement.
- Broadcast email to all registrants.
- Report volunteers.
- Report practice slots.

Registered Volunteers

Douglas Lovell
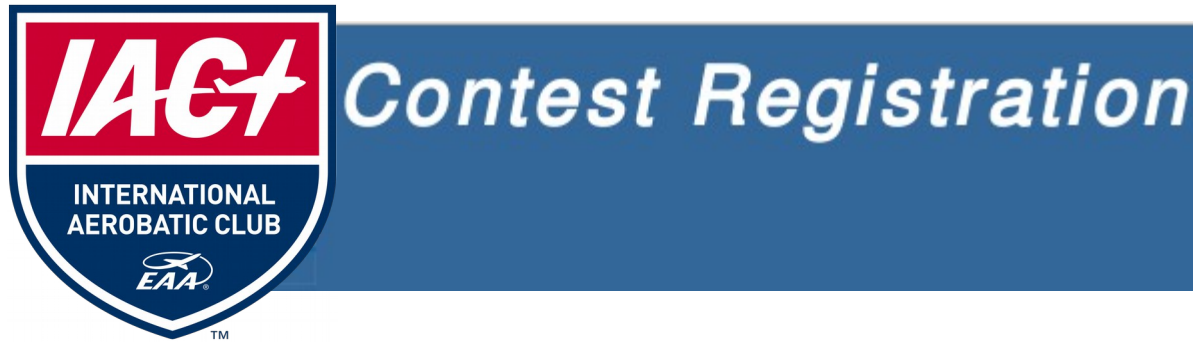

A contest official sees an additional column of actions.

The CD has contest configuration options.

The CD, Registrar, and VC have a number of full and summary reports and actions available, including the PDF with complete IAC registration forms for all registrants.

Contest Selection and Configuration
Pilot and Volunteer Registration
Registration Management
Account Management

Contest Registration

INTERNATIONAL AEROBATIC CLUB
EAA

Registration Login

If you need an account, please visit us here: **Create an account**.

Account name: [   ]

Password: [   ]

☐ this is my private, trusted computer; remember me.

[Login]

If you have an account but do not have your password, use this link: **Need password reset.**

Copyright ©2007, 2008 International Aerobatic Club. All logos, trademarks, pictu... are the property of their respective owners. Contact Douglas Lovell with comme... related to the display or content of this web page.

This is an open source project supported by SourceForge.

Account login requires a password and may be remembered as a cookie. All except the account login, creation, and reset screens require the established session or stored account cookie.

Contest Registration

The system will use your account identity to store and retrieve contest registration information. It will copy your information from an earlier contest when you register for a new contest, and allow you to make changes.

After you complete this form, check your email. Look for a welcome message from admin@iacusn.org that contains your email address. We do it this way to confirm your email address. Enter your email address carefully.

Login using the link in the email. It is best to highlight and copy the password from the confused with 0's, i's with l's, l's with 1's, and upper case with lower case. If you have yourself a new password.

If you have difficulty, please try reading the additional instructions below the form.

Account Name:

Given (first) Name:

eMail:

Copy the letters from the image before pressing, "Create account." (Cha

DM3UNU

Return to login

Registration requires an account name, display name, and email address. ACRS mails an activation link and initial password to validate the email address.

The anti-robot Turing test appears on this screen and on the password reset screen to prevent spamming robots from attempting to create an account. All other screens require an authorized user.

All fields on all screens are length limited for input. All user supplied data copied to SQL queries is processed to prevent SQL insertion attacks.

Contest Registration

Enter your email address, copy the anti-robot text, then press the "Reset" button. If the email address matches an email address on record, we will mail your new password to that address. Note: If you share this email address with other account holders, then those accounts will be reset as well. If you do not know the email address we have on record for you, if that address is no longer valid, or this otherwise does not work for you, please email the administrator

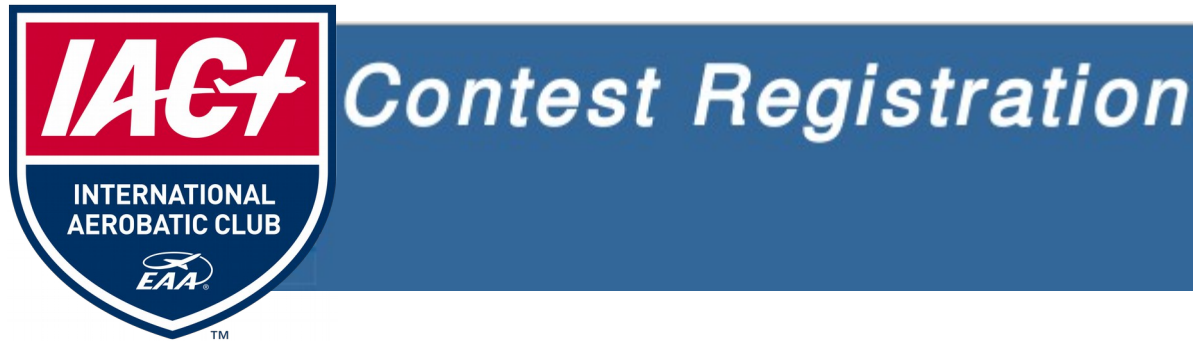email [   ]

ZM2 RSG [   ]

Reset

member login

It is very easy to reset the password with the email address. The anti-robot feature prevents denial of service attackers from stressing the email server.

The Aerobatic Contest Registration System hosted at www.iacusn.org/acrs/ provides a complete, robust registration system for regional and the national aerobatic contests.

ACRS was written primarily by Douglas Lovell and, as of 21 January, 2016 is hosted by him. The International Aerobatic Club (IAC) owns copyright to all of the source code for ACRS. The code is open source licensed under the Apache License V.2.0.

ACRS is hosted open source by GitHub. The project URL is https://github.com/wbreeze/acrs