

## I.A.C. Chapter 88 Southeastern Michigan

# NEWSLETTER

July 2018

[www.IAC88.eaachapter.org](http://www.IAC88.eaachapter.org)

### June Chapter Meeting Minutes

Date: June 16, 2018 at 10 AM

Location: Pontiac Airport (PTK) Hangar #3, E-Sky Aviation

Attendees: Gunther Niederbacher, Hugo Ritzenthaler, Sandy Langworthy,  
Brian Roodvoets, Laura Buescher

Announcements: Sandy Langworthy has accepted Mike Hurer's invitation to service as IAC Nationals Chief Judge in the categories of Primary and Sportsman.

Secretary's Report – accepted

Treasurer's Report – accepted

#### Upcoming Events:

July 7 10 AM (3CM) Critiquing and Meeting with Valley Aero Club,  
Meeting regardless of weather.

July 12 10 AM (3CM) Box Set-Up day

July 13 – 15 (3CM) Michigan Aerobatic Open, Bay City, MI

August 11 10AM (3CM) Critiquing and Chapter 88 meeting

August 17 – 20 (CYHS) Upper Canada Open, Hanover, Ont

September 8 10AM (3CM) Critiquing and Chapter 88 meeting

September 21 – 30 (OSH) IAC US Nationals, Oshkosh, WI

October 13 10AM (3CM) Critiquing and Chapter 88 meeting

TBD Kokomo Contest

#### Old Business:

##### Contest Preps:

Printer- Laura will purchase HP printer and ink for contest prep.

Waver- Gunther is responding to FAA questions. Ryan Johnson, FAA contact.

Trophies- *Lazer Mark It* is our source. Gunther will secure trophies.

Program- Updates finalized. Hugo will proceed with printing.

Meeting with Valley Aero Club - 3CM July 7, 10 AM Rain or Shine – Courtesy Vehicles, Tables and Chairs, Porta Units, Lunch, Dinner, Water, more. Contact and include Doug Dodge, Airport Manager.

Treasurer Transfer:

Brian will meet with Eric to transfer hard copy and authority. Huntington Bank will remain the banking location of choice. Eric and Brian will be two signatures on the account.

New Business:

Contest Set-up:

Requesting all members attend on July 12, 10AM for Box Set-Up Day and contest site organization.

Possible expenses to pay during contest:

Pizza Order, Salad Ingredient Reimbursement to Purchaser, Porta Potty, Dinner Caterer, Refueling Courtesy Vehicles to Charlie Smith. Responsible party TBD.

August & September Meeting Dates:

With consideration for scheduled IAC contests, the Chapter 88 meetings in August and September will be held on scheduled critiquing session dates.

August 11, 2018 and September 8, 2018.

Adjourned 12:30

*Laura Buescher*

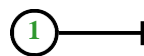
# 2018 Michigan Aerobatic Open

Presented By



July 14 - 15, 2018  
James Clements Airport  
(3CM)  
Bay City, Michigan

Primary Sportsman Intermediate Advanced Unlimited



# CONTEST SCHEDULE

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## FRIDAY, JULY 13<sup>TH</sup>

10:00 AM TO DUSK  
Registration, Tech Inspection, Practice  
After Practice  
Pizza Dinner On the Ramp

## SATURDAY, JULY 14<sup>TH</sup>

7:30 AM  
Roll Call and Mandatory Briefing  
Administration Building  
8:00 AM  
First Competition Flight Begins  
Lunch by Valley Aero Club House  
8:00 PM  
Banquet - In Dora Hangar by  
Krysiak's House Restaurant

## SUNDAY, JULY 15<sup>TH</sup>

7:30 AM  
Roll Call and Mandatory Briefing  
Administration Building  
8:00 AM  
Competition Flights Resume  
When We are Done Flying  
Lunch and Awards

*PLEASE NOTE : ALL TIMES MAY VARY DUE TO WEATHER. PLEASE BE FLEXIBLE .*

*The Members of I.A.C. Chapter 88 would like  
to thank all those who have supported our  
Contest this year:*

**JAMES CLEMENTS MUNICIPAL  
AIRPORT, BAY CITY  
DOUG DODGE - AIRPORT MANAGER  
VALLEY AERO CLUB  
KRZYSIAK'S HOUSE RESTAURANT  
SHOW CASE MITSUBISHI  
HAGEN FORD  
GEORGE'S AUTO REPAIR  
HARTZELL PROPELLER  
HOOKER HARNESS  
MT PROPELLER  
CHAMPION AEROSPACE  
DAVID CLARK  
TEMPEST  
SOFTIE EMERGENCY PARACHUTES  
CONCORDE BATTERY  
AIRCRAFT SPRUCE &  
SPECIALTY WAG AERO**



## CONTEST OFFICIALS



Contest Director	Gunter Niederbacher
Chief Judges	Sandy Langworthy & Wayne Buescher
Volunteer Coordinator	Mary Unger
Registrar	Laura Buescher
Scoring	Brian Roodvoets
Tech Inspection	Wayne Buescher
Safety	Hugo Ritzenthaler
Starter	Ed Decker



It's not like you think. It rarely is. I have spent nearly forty years teaching thousands to fly aerobatics. One of the best parts of doing that is watching the first impressions. We sit in our arm chairs dreaming of flight, all kinds of flight. We climb into sleek machines and traverse mazes filled with cumulus mountains. We might be cruising to exotic places or circulating around the local pattern. It all fantasizes differently from how it happens in real life.

Aerobatics is like that too; and just as you might be hoping, it is much more than you might think. We watch those magnificent machines growl through the air, tumbling and pulling and spinning at airshows and competitions all across America. Some are so very graceful and some are seemingly death-defying. They can as easily scare you as they can inspire. It just depends.

You love to fly. I know because you found these words and gave them a look. I haven't a clue where you're coming from or even if you fly. But if you do fly, you are curious about this aerobatics stuff. As pilots we live in a world of procedures, rules, equipment, gizmos and space-aged electronics. Flight has moved into the 21st Century and soon we will be looking like George Jetson in his sky-scooter. It's quick and efficient these days and, I'm afraid, becoming a structured process.

You love to fly and you want flight, not just getting swiftly from here to there. Stick and rudder, seat of your pants, and grass roots are the phrases coming to mind. Maybe watching Sean Tucker or Patty Wagstaff churn up the sky have inspired you to the fun but overwhelmed your senses. These are the wildest and most entertaining of the genre but aerobatics is far more dimensional than just that.

Aerobatics is what you make of it. It can be the zoom of an Indy race car but it can also be the grace of a boat on glassy water. It is as diversified as the individuals that pursue the sport. The path taken is going to be in the right direction no matter what trail you follow because they all lead to real flying. Aerobatics is the art of flying figures in the sky. We have no loop buttons or roll switches. We don't program a GPS and watch an autopilot operate our machine. We fly.

The aircraft are of all kinds. Antiques, homebuilt, factory-built, LSA, high performance, low performance, they growl, they whisper, they put-put and they zoom. Stearmans, Pitts', Extras, or whatever. They come with big round engines, little flat engines, modified engines and off-the-shelf engines. Some cost less than my little car and some cost more than my home. I have flown most all of them and I can tell you this, I could never pick a favorite any more than I could pick a favorite child!

Sometimes for me it's simplicity that is best. When I slide myself into the rear seat of my Piper Clipped-Wing Cub I feel that sensation of slipping my fingers into a soft leather glove. The little Cub was built in 1939 and is pulled along by an Eighty-five horsepower engine. It cruises at 85mph so right off the bat you know that I have no desire to go anywhere but up over my grass strip for some fun. It's best at the end of the day when the winds lay down and the heat subsides making the air cool and smooth. No high G pulls or blinding tumbles here, the little Cub just barrel rolls like silk and loops like a balsa wood glider.

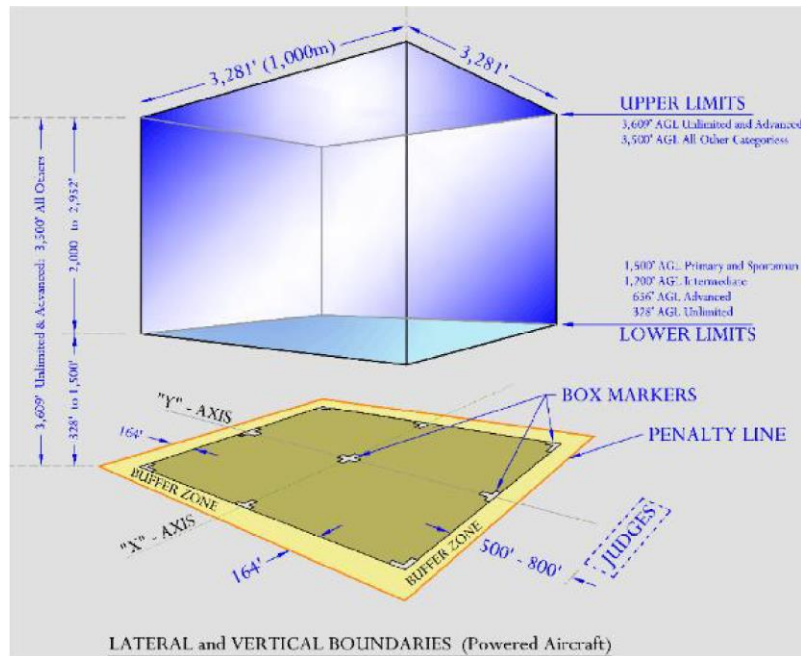
You don't come to aerobatics to learn to fly or to learn new skills, it just happens. It probably happens while your grinning from ear to ear like a kid on a big swing. But surely it happens. Stick and rudder, seat of your pants and grassroots become a reality. You are no longer the operator of an aircraft, you are the flyer.

**By Greg Koontz, MCFI-A**



## The Aerobatic Box

The aerobatic box is the area in which aerobatic competitions take place. It is a block of air 1,000 meters (3,281 feet) long by 1,000 meters wide. The upper and lower limits of the box are set based on the competition category a competitor is flying in. The competitor has to stay within the lateral limits of the box and within the height limits. The lower limits of the box are, for safety reasons, strictly enforced. During competition there are boundary judges in place that determine when a competitor leaves the box. Boundary infringement penalties are subtracted from the pilot's overall score.

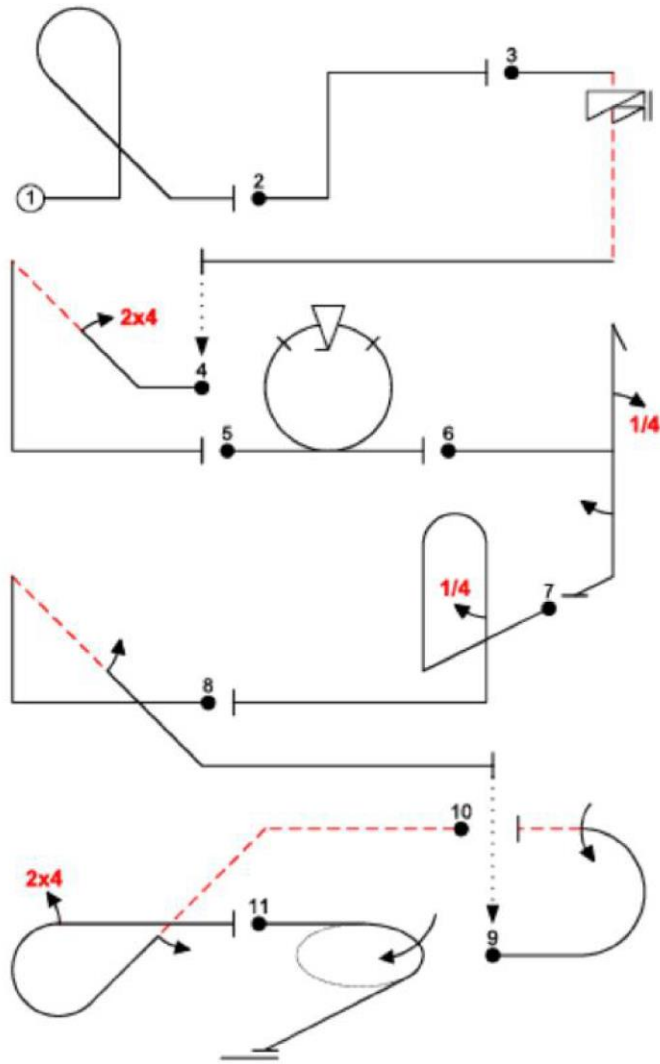


### Box Altitude Limits for Powered Aircraft

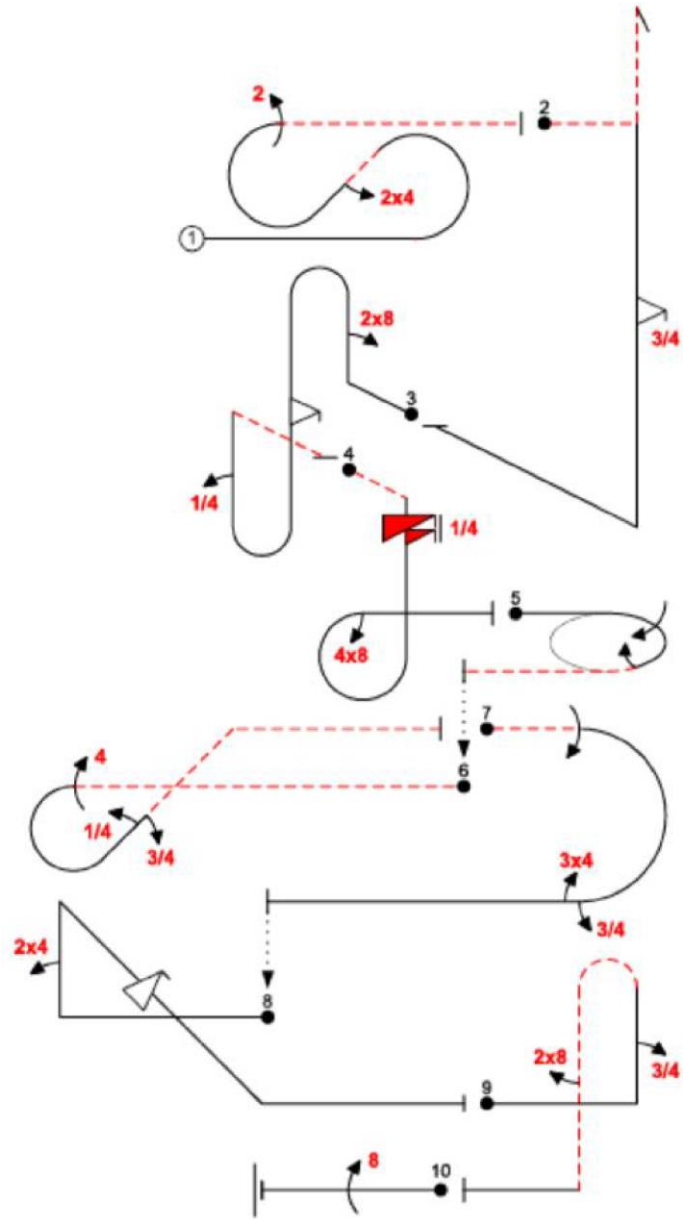
Lower Box Limits	Class	Upper Box Limits
1500' AGL	Primary	3500' AGL
1500' AGL	Sportsman	3500' AGL
1200' AGL	Intermediate	3500' AGL
656' (200m) AGL	Advanced	3609' (1100m) AGL
328' (100m) AGL	Unlimited	3280' (1000m) AGL



2018 Intermediate Known



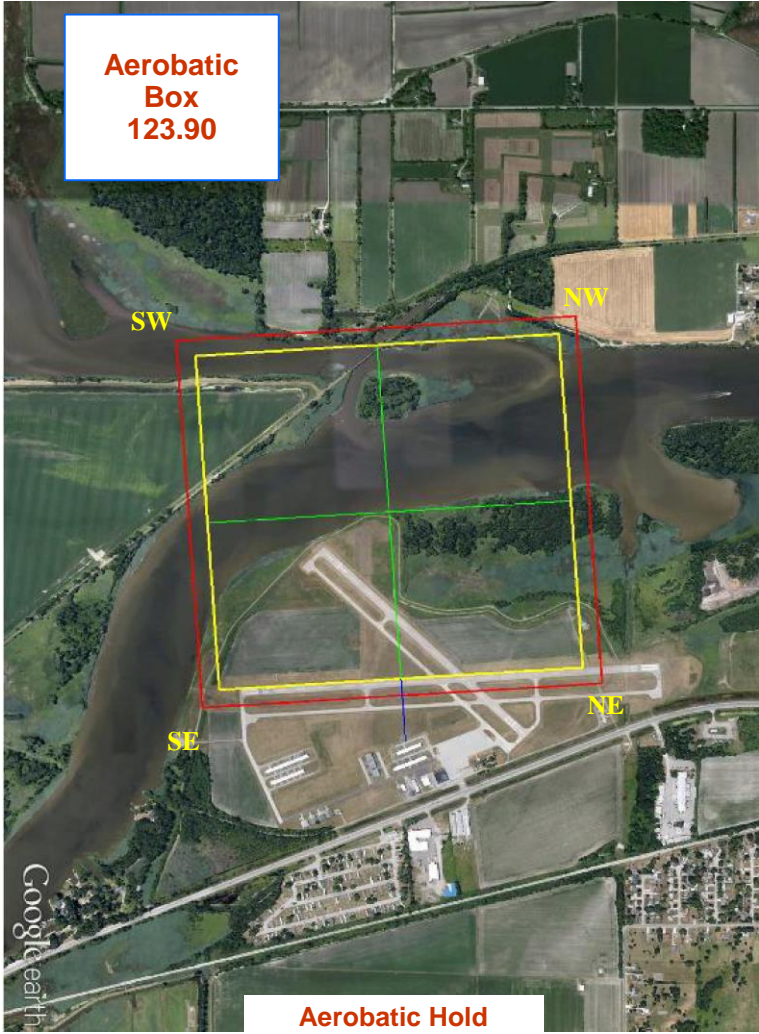
2018 Advanced Known





<b>Bay City CTAF</b>	<b>122.725</b>
<b>MBS - ATIS</b>	<b>125.925</b>
<b>Saginaw APP/DEP</b>	<b>120.95</b>

**North** →



## Upper Canadian Open Contest

- Thursday 16th to Sunday 19th August
- Hanover Saugeen Airport, CYHS, 34 Saugeen Airport Rd, Walkerton, ON N0G 2V0
- Contest Fees: \$150 - Aerobatic Canada Members
  - \$230 - Canadian Non-Members
  - \$150 - US Citizen IAC Member
- Rough Schedule,
  - Thursday - Setup, Registration, Practice
  - Friday - Registration, Practice, FLYING STARTS AT 14:00 Knowns, BBQ
  - Saturday - Free's, Unknowns, Tear down, Banquet, Awards
  - Sunday - Tear down, Brunch, Depart, Rain Date

## Chapter 88 Calendar

For back issues of the newsletter, and other chapter information please go to the chapter web site [iac88.eaachapter.org](http://iac88.eaachapter.org)

Note: All chapter meetings are held on the **third Saturday** of each month at

**Pontiac International Airport (KPTK),**

**E-Sky Aviation in Hangar 3, at 10:00 am**

*unless stated otherwise.*

*Chapter meetings in conjunction with Critique Sessions are held at the designated airport on the day of the event.*

July 14/15	Michigan Aerobatic Open	James Clements Airport (Bay City), Michigan (3CM)
August 18-19	Upper Canada	Hanover, Ontario (CYHS)
Sept 22-28	US Nationals	Oshkosh



# IAC CHAPTER 88, S.E. MICHIGAN

## Membership Application / Information Form



Please fill out this form and mail to:

Brian Roodvoets  
PO Box 14  
Lapeer, MI 48446

Annual Dues are \$20.00 per voting member

Membership year starts January 1st

Make Checks Payable to: **IAC CHAPTER 88**

Name		Spouse	
Address		Home Phone	
Address 2		Work Phone	
City		Mobile Phone	
State		Email	
		2nd Email	
EAA #		Exp. Date	
IAC #			
2nd EAA #		Exp. Date	
2nd IAC #			
Aircraft Status	Make / Model / Type:	Tail Number	Own / Building / Restoring?
A/C #1			
A/C #2			
A/C #3			
A/C #4			

In order to conserve chapter resources, Newsletters are only sent by Email, so please be sure to provide one for us to use.