Contest Overview

• We were warmly welcomed by all the teams
  • Many of the Europeans were happy to see us
  • The Ukrainians were very happy we came
• The Russians, Czechs, and Serbians did not attend.
• 59 Seniors from 12 countries; 37 Juniors from 6 countries
  • The Ukrainians took advantage of their home field to dominate, followed by the Poles.
• We learned a lot that will help us better prepare for 2016.
• We had a lot of fun
• We are looking forward to returning
Contest Location

[Map of Ukraine showing the location of Lviv]
Contest Location in Relation to Other Meets

- 2015 EuChamps
- 2014 WSMC
- 2012 WSMC
- 1987 WSMC
- 2010 WSMC
- 1978 WSMC
- 1985 WSMC
Engines

• We plan to have motors from the following countries available:
  • Bulgaria
  • Germany
  • Ukraine

• Our ejection charges are “more powerful” than other countries

• We need to tailor the ejection charges in the motors for each event before we submit them
  • S9 needs more than the “stock” amounts we got in the motors
Field
Field Observations

- The field is a huge thermal generator
  - Lift was fairly easy to find
  - Mike, James and Matt all flew away S3A models

- Lots of obstacles around the field
  - Canals
  - Towns
  - Big recovery teams will have an advantage

- Dethermalizers on at least one S3A model are going to be required to medal
S5 Observations

- This was a much different event than in the past.
- Multiple prototypes were seen.
- Originality can add 40 points to static score.
- James was in second in static points.
- The team did well, placing 4th.
S5 Observations
S7 Observations

• There was a wider variety of model than in the past;
  • Originality can add 40 points to static score

• A Zenit won the Senior event
S7 Observations
S8 Observations
S9 Observations

- Most models did not use flop rotors
- Best ones spun up quickly
General Contest Observations

- Be ready! Be on time!
- Be prepared before you leave
  - Know how you are going to transport models & gear
- Be ready the day of the meet
  - Get a good night’s sleep the night before your event
  - Have as much done as possible before the round opens
- Be ready at the start of the round
  - You need to plan on a 20 minute window to prep and fly
- Plan for wind
  - The weather can change very quickly, even in a round
- We design, they practice
Lessons Learned

• Develop and use a checklist!

• Get your rest!

• Use the practice day to familiarize yourself with the field and the engines
  • Plan on at lest 3 test flights
  • Especially Juniors!

• Our motors are competitive with everyone else’s – if you practice with them.

• 10mm motor igniters are still an issue – these approaches worked well
  • Q2G2 with wick
  • Solar igniter with foam
  • Ukrainian igniters
Prep for 2016 WSMC
Travel

• L'viv's airport is modern – with good connections from Munich and Warsaw
Logistics

• Plan your transport box – remember most airlines have a 50 lb. limit
  • Wheeled luggage is great!

• Plan your packing

• Driving in Lviv is very, very difficult
  • Narrow streets and pedestrians make it stressful
  • Parking in the middle lane will drive you crazy!
  • Large number of one way roads
  • Constant construction means detours

• Google Maps works well in Ukraine
Food
Banquet
Accommodations

• Limited elevator service
• Bring electrical adapters for 220/50 Hz
Seeing Lviv
Seeing Lviv
A Sincere Note of Thanks!

• The organizers family went out of their way to make our stay better, both flying-wise and comfort-wise
Summary

• We have entered a new age in competitive spacemodeling
• Have fun!