

# State of the NAR

July 2016

Ted Cochran

NAR President





# NAR Officers and Trustees

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Ted Cochran, President

John Hochheimer, Vice President

Joyce Guzik, Secretary

Tom Ha, Treasurer

Ryan Coleman

Vince Huegele

Ed LaCroix

John Lyngdal

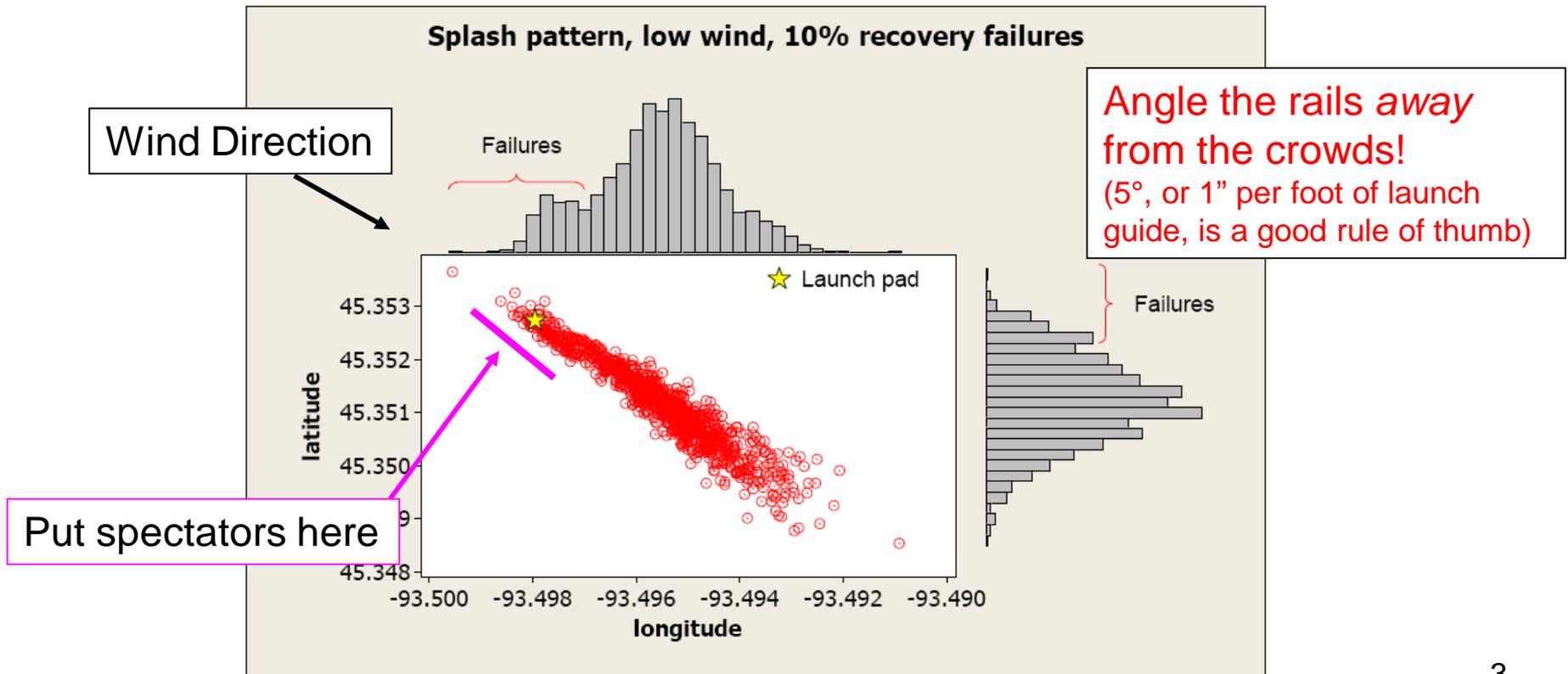
Mark Wise



# Safety Minute:

## Keep Spectators Safe

Significant risk reduction can be achieved by positioning people and vehicles crosswind from the launch pads.





# Last year was a great year, and we continue do well

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- Our membership is over 6500, an all time high;
- We reached 176 Sections;
- Our Facebook page has over 4750 members;
- Our high power certification rate has achieved record levels;
- We partnered with the Museum of Flight to establish a significant new sport rocketry exhibit and establish the National Collection of Model and Sport Rocketry;
- Our liability insurance was increased to \$5M;
- Our membership dues were reduced for Senior members age 25 and under;
- We continue to expand our new web site;
- We maintained a robust section grants program;
- We consistently delivered on our partnerships with AIA on TARC and NASA on SLP
- With AIA, we won the Dr. Mervin K. Strickler Award for Aerospace Education Leadership from NCASE, the National Coalition for Aviation and Space Education
- We significantly increased our budget for educational grants and scholarships—at \$35K, it's now one of the biggest components of our budget.

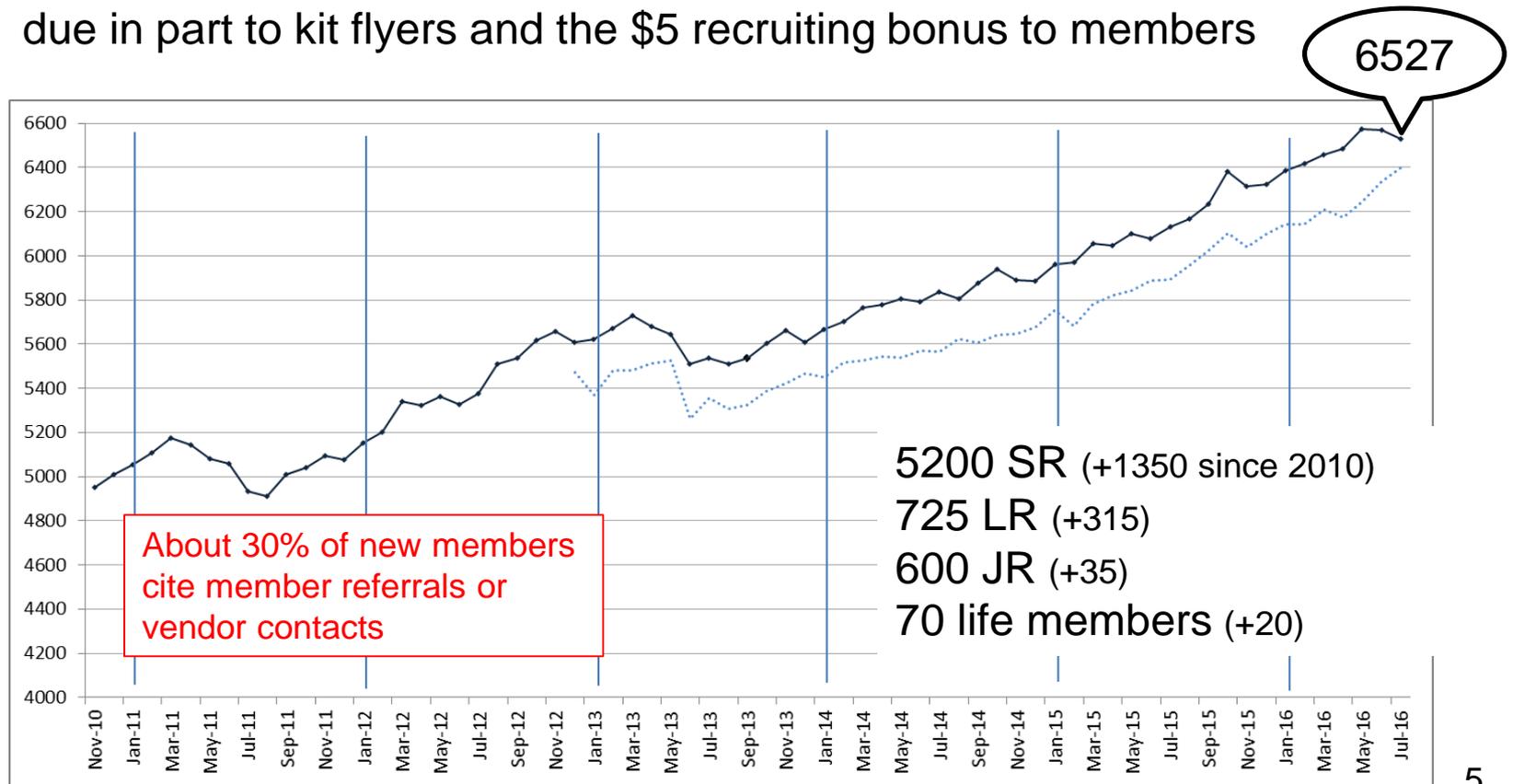


# Membership

- Our membership is growing

Around 6500 (+1200 in last 4 years)

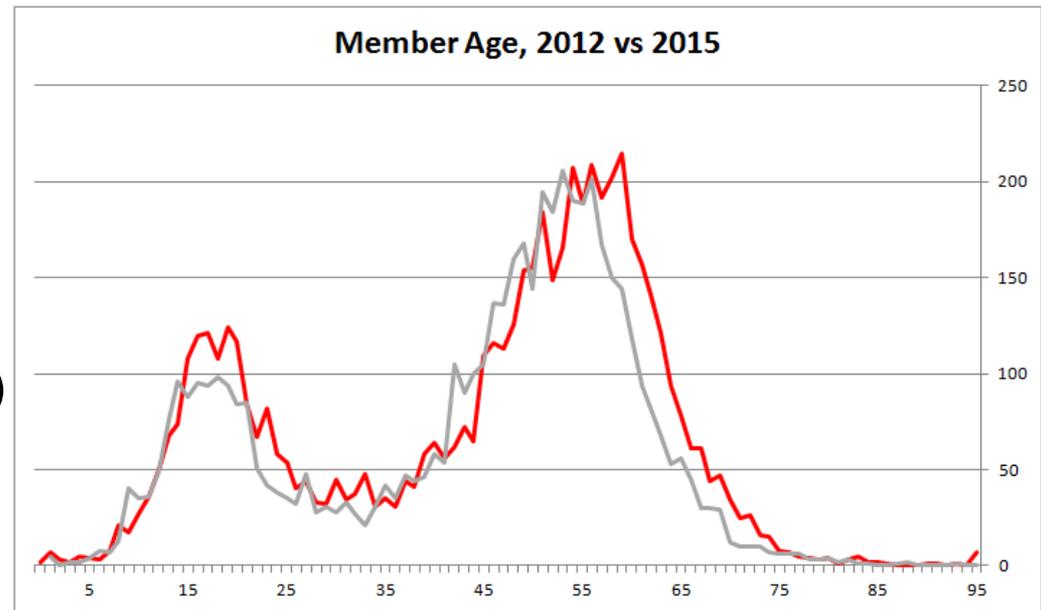
due in part to kit flyers and the \$5 recruiting bonus to members





# Our Association is Diverse

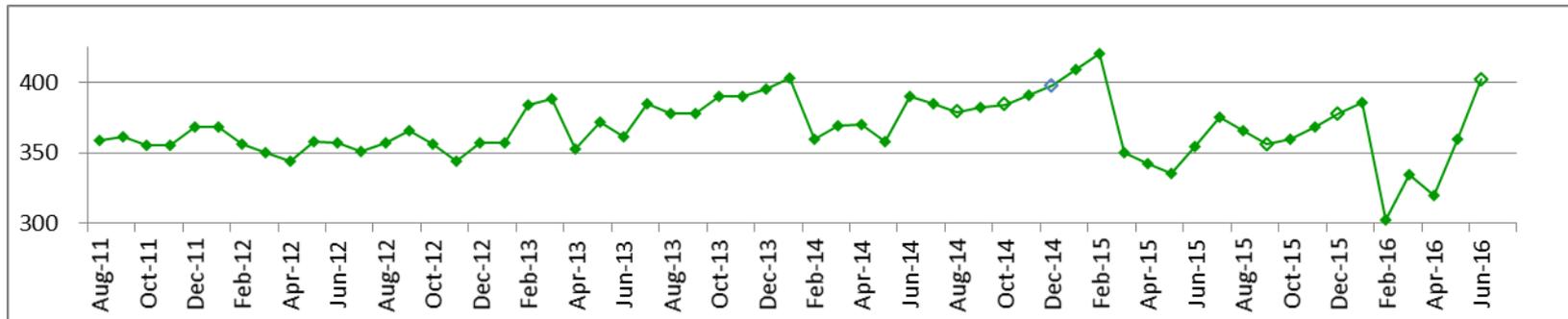
- Age
- Membership duration (~20% <1 year; ~14% > 20 years)
- ~300 Contest flyers
- 3032 High Power flyers (~60% of eligible members)
  - 191 Jr (+40)
  - 1382 Level 1 (+200)
  - 1268 Level 2 (+50)
  - 500 Level 3 (+50)
- 325 Teachers (+175)
- 175+ Sections
- 3391 Section members (56%)





# Finances

- Our finances remain healthy
  - ~\$480K annual revenue, well-executed budget, appropriate reserves
  - We continue to increase services to meet emerging needs
  - Section grants, educational support and outreach, launch infrastructure, upgraded technology, scholarships and grants

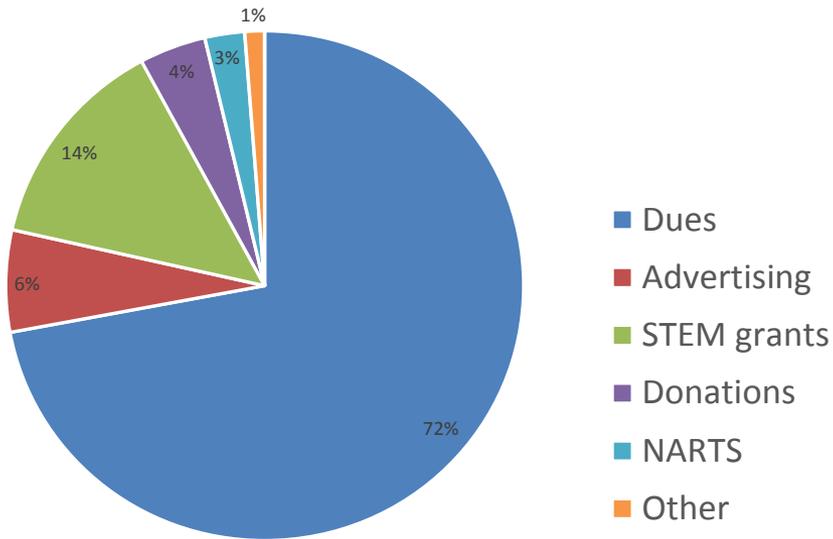


Funds Balance

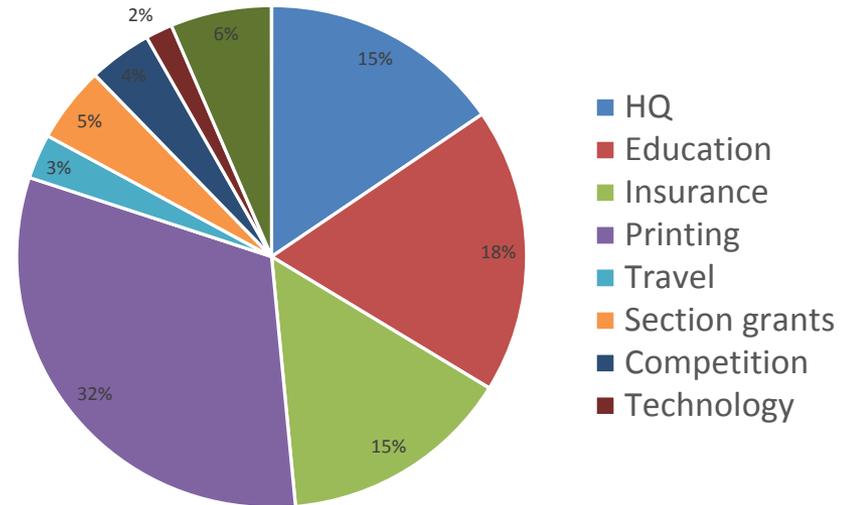


# Income and expenses

- Income



- Expenses





# NAR.org

## Continuing to build the platform

- National events web sites with registration
- All R&D reports are now online in members-only section
- Competition Voting
- Applications for awards
- Past editions of NAR magazines starting with 1973-4 *Model Rocketeer*
- NAR Section Renewal
- Trustee voting
- Applications and forms

## Coming this year

- NARTS online ordering and payment
- Contest-only launch calendar
- More back issues of magazines
- Document review forum
- Web site templates for sections



## WELCOME TO NAR MEMBER RESOURCES

Welcome to the Member's only section of the NAR website, a perk for joining the NAR! We'll be adding lots of new features in the coming year, just for you, the NAR membership.

### NAR Magazine Online Archive

- [Check out the new NAR Magazine Online Archive](#)

### R&D REPORTS

- All R&D Reports in Chronological Order in the NAR Archives
- Technical Bibliography linked to reports where applicable
- [Submit your reports here](#) if they aren't yet archived

### COMPETITION VOTING AND EXTRAS

- [Archive of 2014-2015 Rule Change Proposals](#)
- [2015-2016 Rule Change Proposals](#)
- [Guide for Competition for the Casual Competitor](#) (by Jennifer Ash)

### APPLICATIONS

- [NARAM B Division Travel Grant Application](#)
- [NAR Scholarship Application](#)
- [NAR Section Grants](#)



# Other programs and services

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- Our magazine is the best it has ever been
  - Paying \$350 for top-quality “how to” and technical articles
  - Always looking for great content to sustain 56-page issues
- Our outreach programs are doing well
  - TARC: 14 years! 701 teams!
  - NASA SLI: 50+ teams in 2016
  - Seattle Museum of Flight: National Collection of Model and Sport Rocketry
- Educational funding:
  - \$35K in Cannon Teacher Grants, Extracurricular grants, and Scholarships,
  - Continuing to do R&D Prizes, B division travel grants



# Enhancing National Events

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Board of Trustees has established a Special Committee for the Enhancement of National Events to recommend ways to attract more NAR members to the NAR's National Events and to reinvigorate all forms of rocketry competition.

- Chaired by NAR Vice President John Hochheimer
- Subcommittee on Competition chaired by NAR Trustee Ed LaCroix



# Enhancing Contest Rocketry

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- Interim reports from the Contest subcommittee were very well received by the Board.
- Positive, constructive alternatives are on the table.
  - Short list of events for a year
  - More contests, more easily sanctioned and reported
  - National leaderboard on web
  - Enhanced incentives for R&D events, possibly more frequent, more independent of NARAM
- Expect thorough discussion in Wednesday forum
- Thanks from the Board to Ed and all the participants and consultants involved



# Our Priorities

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- Continue to make flight safety our organization's first priority
- Support and celebrate all forms of commercial sport rocketry: Model rockets to Level 3 high power, High performance to oddrocs, sport rocketry to international competition.
- Support and expand educational and outreach efforts
- Reinvigorate contest rocketry
- Enhance support for Research and Development
- Offer members full transparency and the opportunity to participate
  - Sport Rocketry
  - eRocketeer
  - Web site
- Continue to provide national support to our local sections

**Be safe, have fun, pay forward**



# Our Primary Concerns

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Rockets that should *not* be flown too often *do* get flown

- Near misses and landing mishaps occur too frequently
- Financial health would be significantly impacted by a major incident
- “Minor” incidents happen too often (several times per year)
  - Don’t fly rockets over people or parking areas
  - Don’t let people park where rockets are landing (Hint: Most car damage repairs don’t exceed NAR insurance’s personal \$1000 deductible).



# Our Value Proposition

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- At \$62/year (\$25 for ages **25** and under) dues, we are the best value in the hobby and should say it proudly:
  - The hobby's only **magazine**, 56 pages, every other month
  - Access to the hobby's **best website, now** with enormous technical content
  - Includes **\$5M insurance** that is valid anywhere in the US & Canada, any time, including **fire insurance** for launch sites
  - Includes HPR certification through Level 3
  - Includes US & international competition programs
  - Offers a family member discount of \$12

**We all need to recruit personally to keep our NAR going and growing!**



# What Can You Do?

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- *Fly safely*, and ensure that others around you do the same!
- Recruit new NAR members, HPR flyers, competitors
- Take your own turn volunteering to help with your section or with the NAR nationally (see me for our pressing needs)
- Do community outreach to community leaders, young people, parents, and to those who work with young people
- Make sure everyone knows and takes advantage of our scholarships and grants

**Be safe, have fun, pay forward**