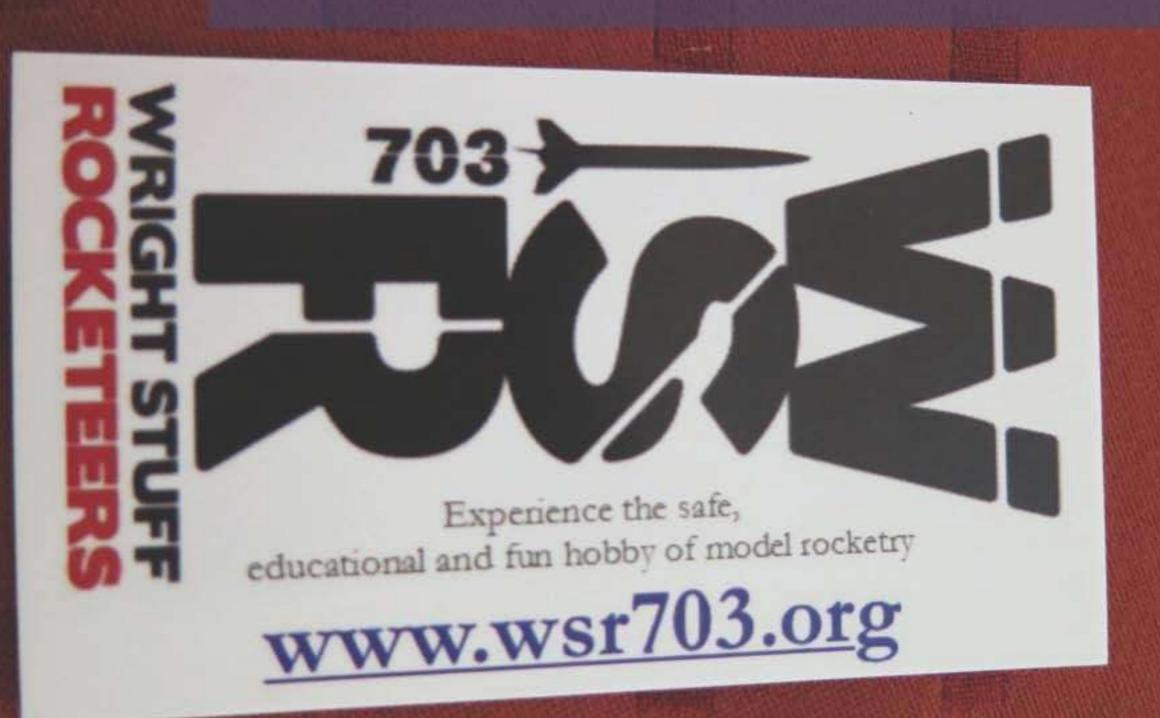
# NARCON 2016





# NARCON PUT ON BY:





### **VENDORS**

- ARA press more books coming (not much specific).
- Note from John Boren (Estes) also not too specific but:
  - Success with Mercury Redstone and Little Joe II: there will be more scale models (beyond ones in catalog) later this year.
  - There will be no B14 in your lifetime.
- See later for New Way, Dynasoar, Aerotech/Quest, eRockets/Semroc.
- Invitation to a model rocket demo on Oct 6, 1957 (!)
- 1958 Model Missiles Assoc. soon became NAR
- Thought was to ship kits for making BP motors!
- 1966 Stine suggestions for Centuri rockets includes "Cineroc"
- Photos of Stine prepping his first Mark II

- Midwest Propulsion Group (https:// www.facebook.com/MidwestPropulsionGroup)
- Restoring a 1960s LR-101 thruster
- Static fire test in March
- 23' cardboard rocket to 30,000'
- Decal, vinyl, and other media (e.g. metallic) available
- (e.g. texascraft.com)
- Print with consumer ink jet or laser printers
- Software
- Printing
- Application
- Frank Burke, Dynasoar Rocketry 24 mm foam RC gliders (no new

### products)

- Gary Rosenfield, Aerotech/Quest
  - H130, K180 38 mm mailable
  - 75 mm Ceseroni compatible reload
  - Screw on retainers included in AT kits
  - Single use up to O
  - New AT kits coming
- Gary Rosenfield, Aerotech/Quest (cont'd)
  - Quest high costs for Chinese motors starting cert process for domestic A–C motors
  - Can't get Q2G2s without also ordering motors. Will get more but can't guarantee they will be available forever
  - No new Quest kits planned, might reissue old kits

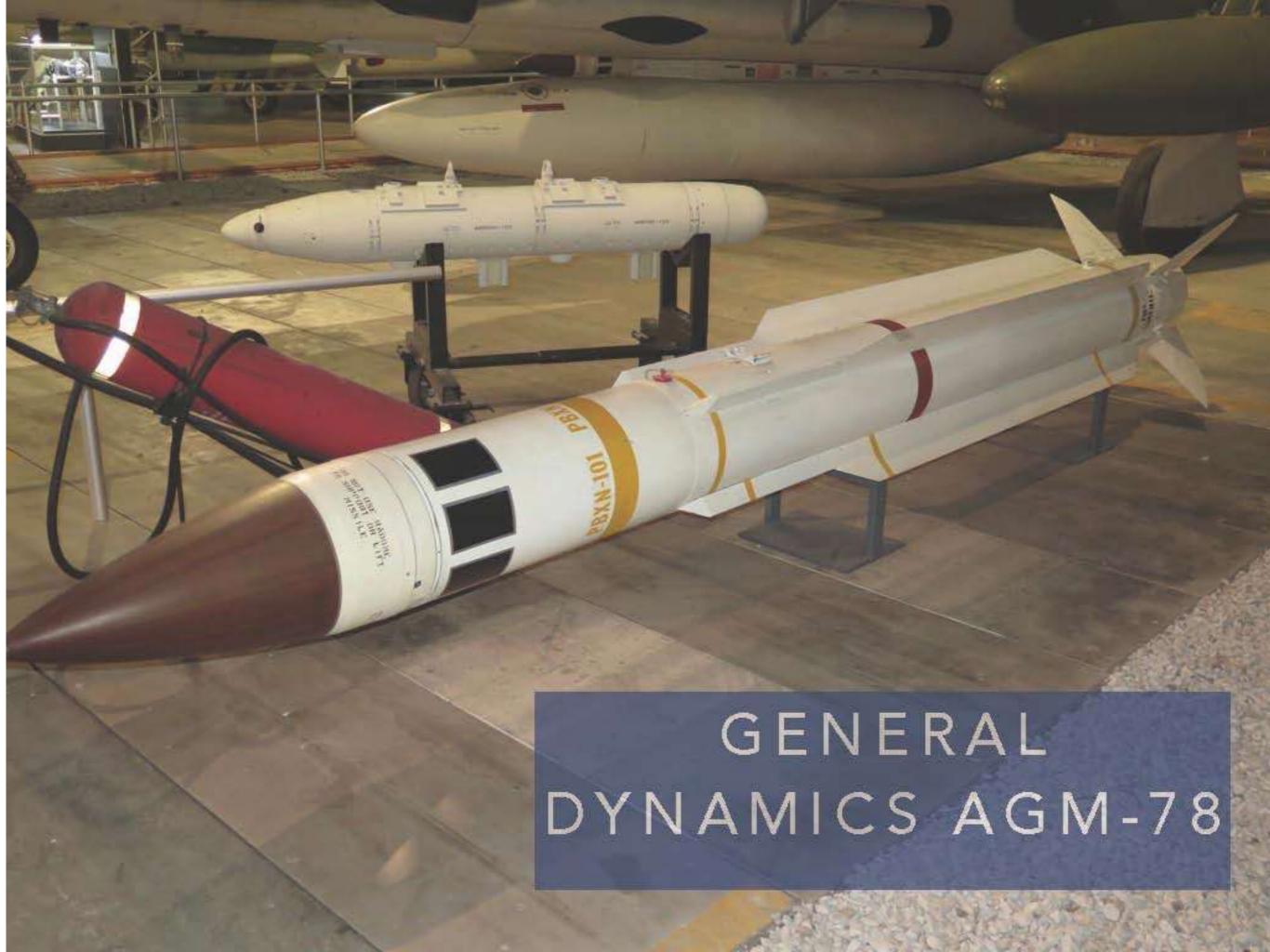
- Randy Boadway, eRockets/SEMROC
- 42 more SEMROC kits to go. X Kits will not be reissued.
- Safety minute
- Membership all time high (6419; 171 Sections)
- 789 TARC teams
- All R&D reports now online; NAR magazine past editions being added
- Coming: NAR section renewal online
- Much more budgeted for grants than is being request

# ("can't recall ever turning a request down")

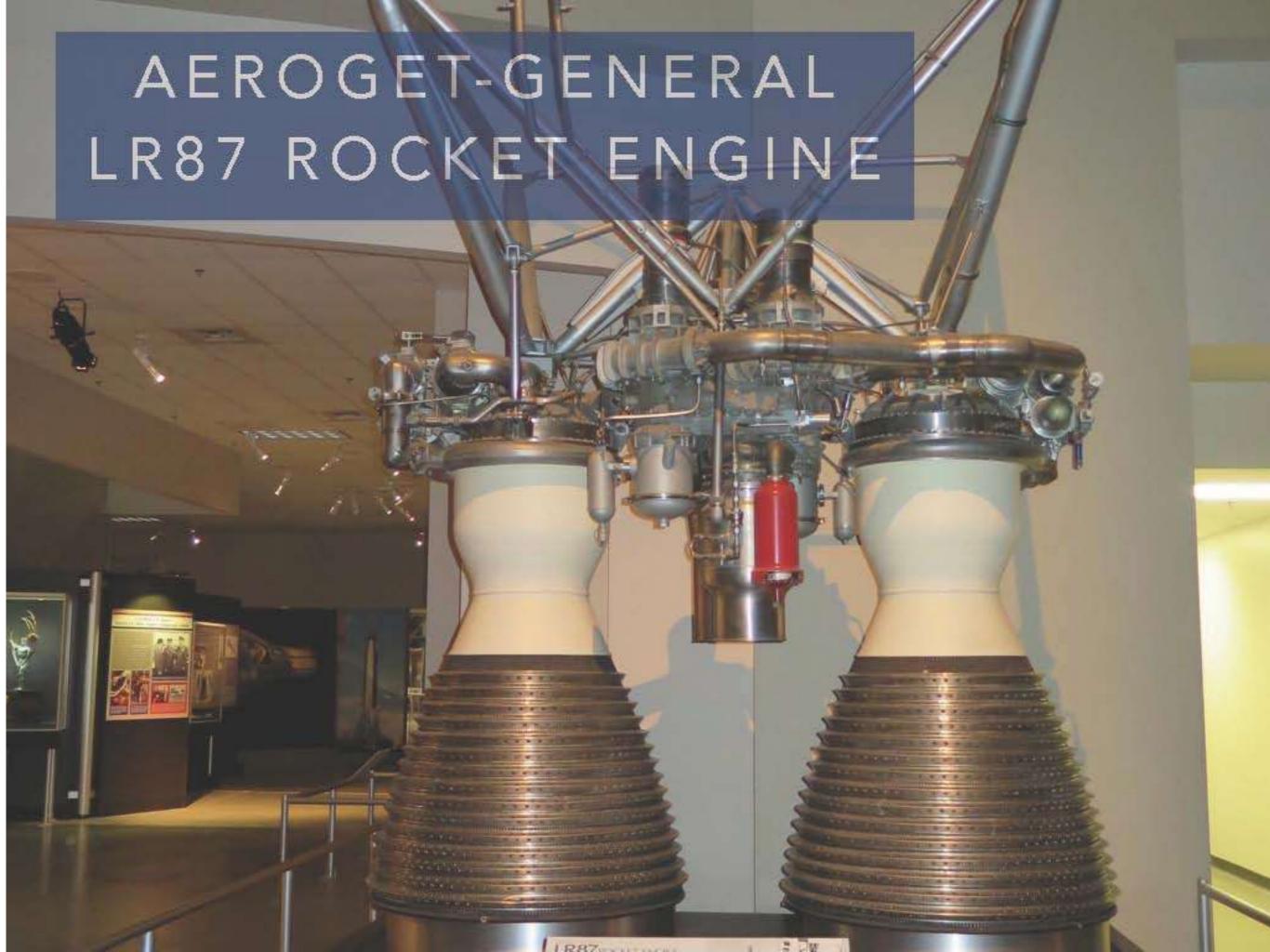
- Looking into getting subsidized pricing on e.g. fire extinguishers, PA systems, etc.
- Contest rocketry is flat to declining; subcommittee report on alternatives coming
- Primary concern: Rockets that should not be flown too often do get flown
  - Too many near misses
  - Major incident under NAR would significantly impact financial health
  - Keep rockets from over people or cars
  - Keep cars from under rockets (Note \$1000 personal deductible!)
- Leverage partnerships with 4H and CAP

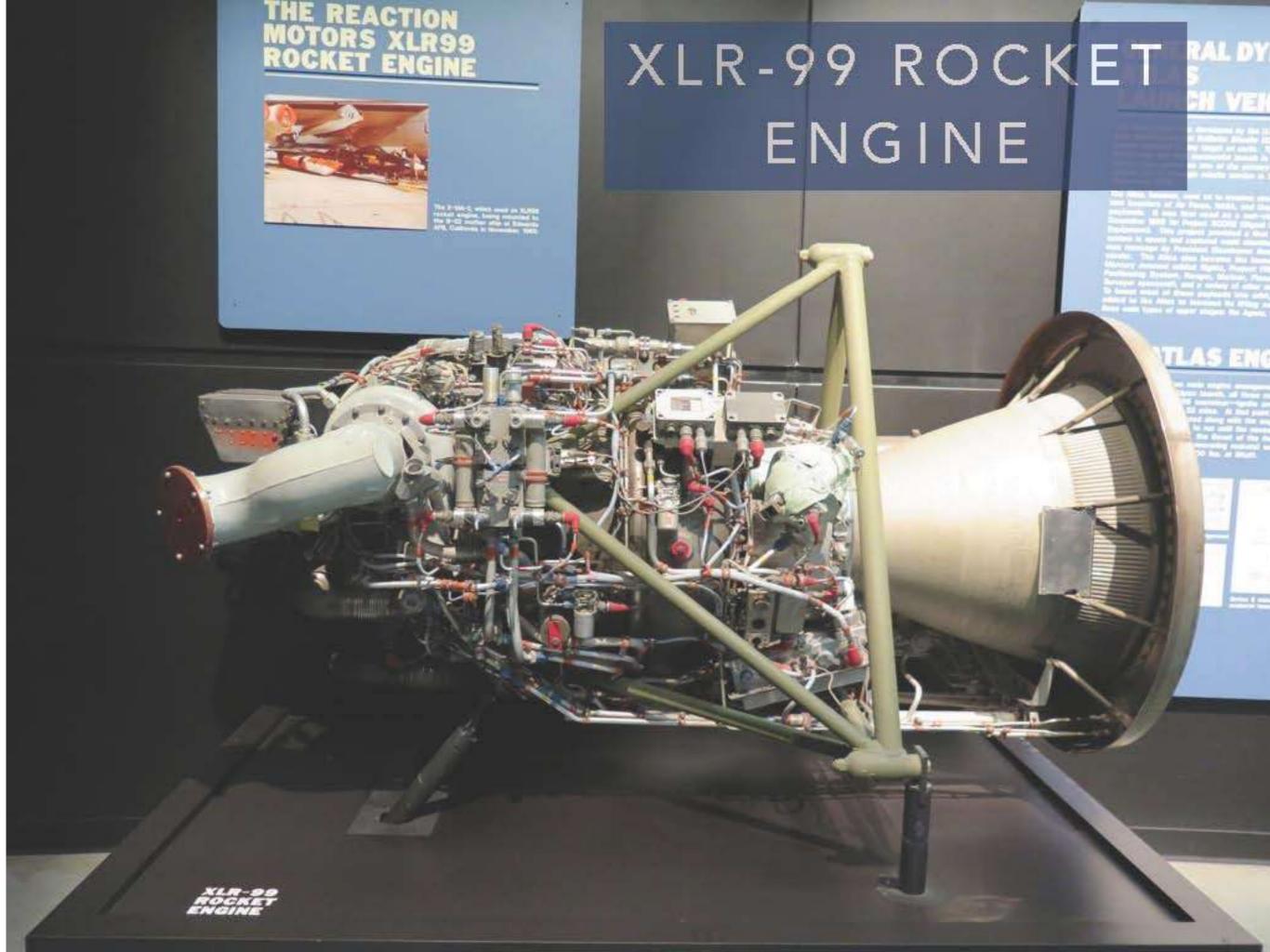














# LOCKHEED SR-71A BLACKBIRD



MODEL ROCKETS
KEPT LOCKED UP :(

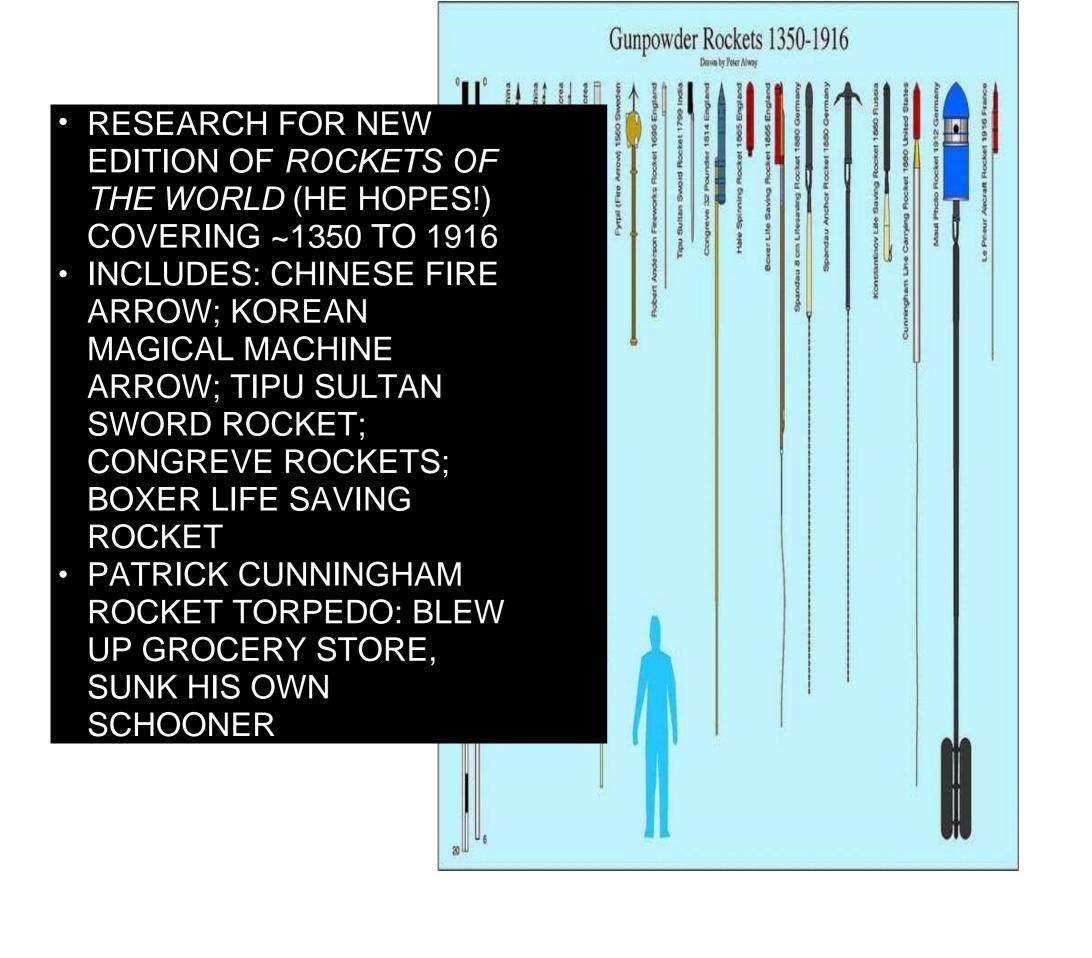






THE FIRST SEVEN CENTURIES

OF ROCKETRY







ROCK-A-CHUTE MOTOR MADE BY BROWN (PRE-ESTES)







# GARY ROSENFIELD (AEROTECH) VENDOR PRESENTATION



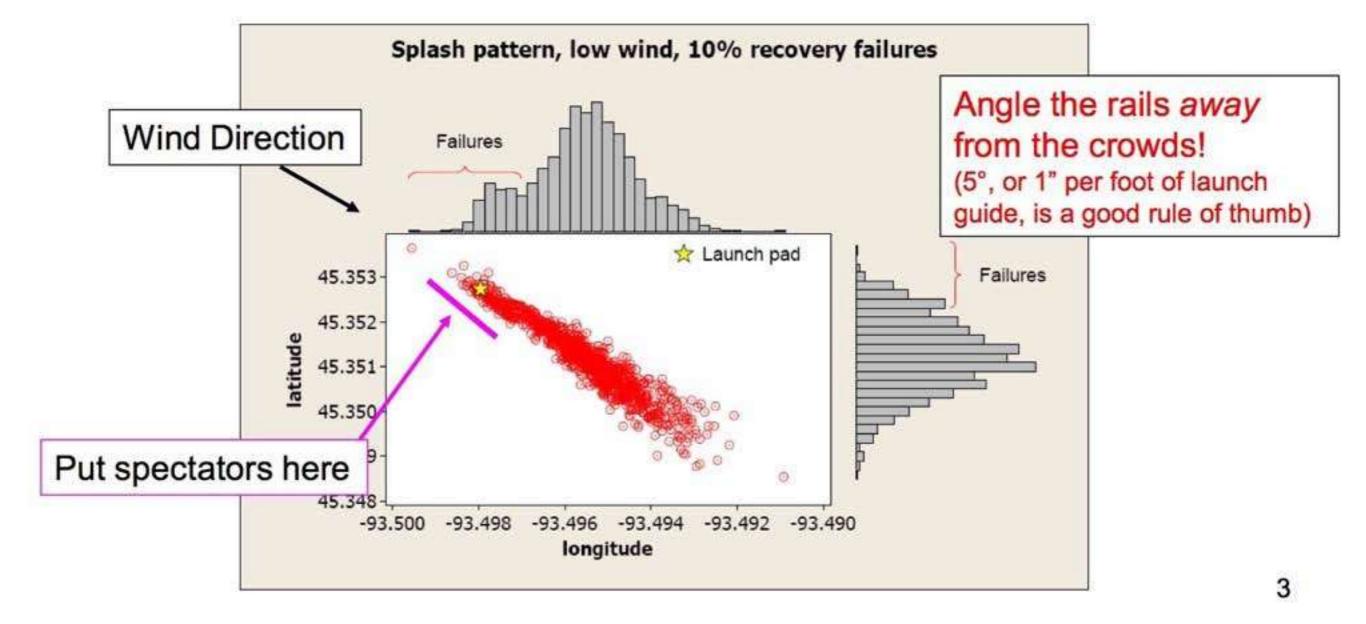




# Safety Minute:

## **Keep Spectators Safe**

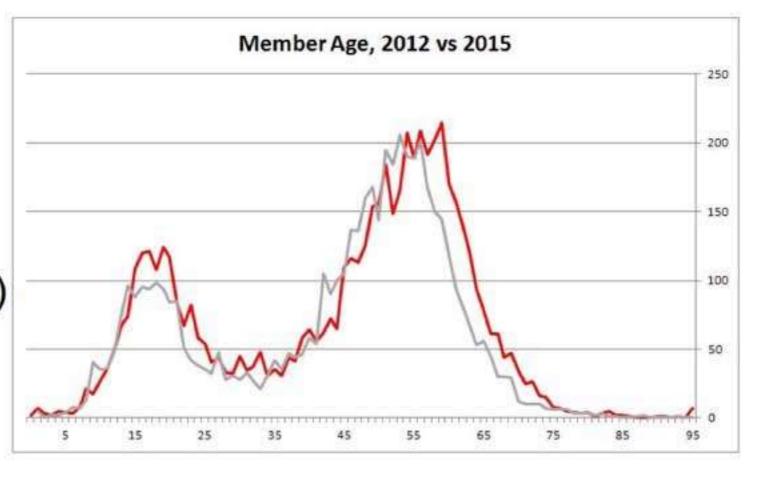
Significant risk reduction can be achieved by positioning people and vehicles crosswind from the launch pads.





# Our Association is Diverse

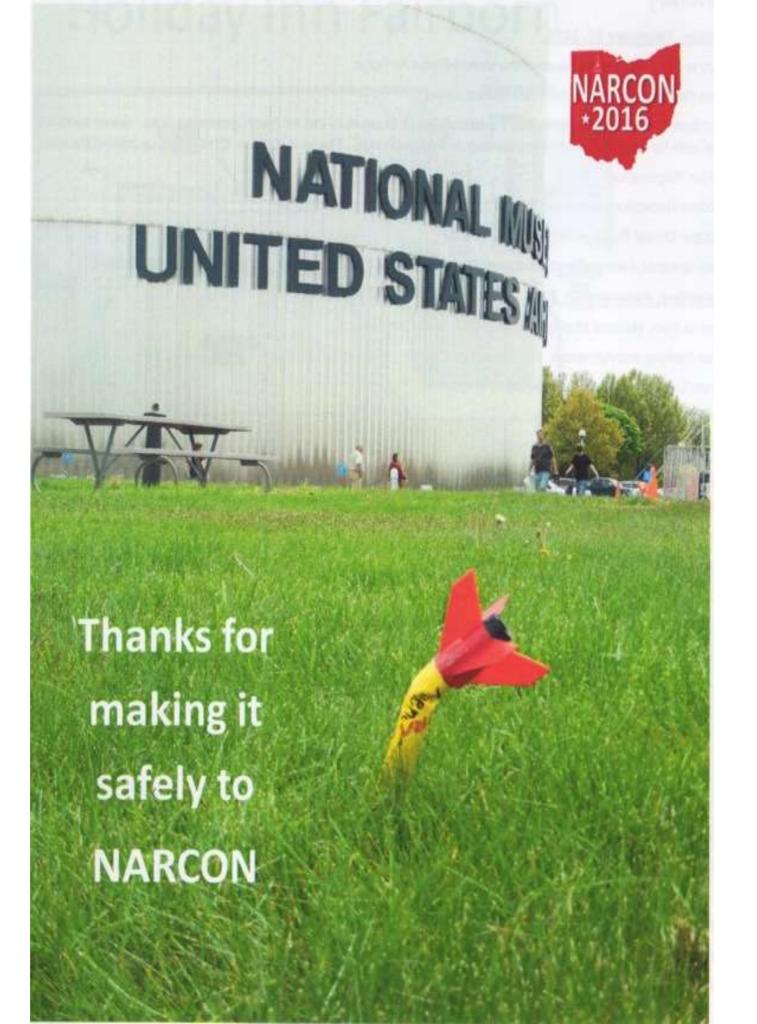
- Age
- Membership duration (~20% <1 year; ~14% > 20 years)
- ~300 Contest flyers
- 3032 High Power flyers (~60% of eligible members)
  - 157 Jr (+9)
  - 1281 Level 1 (+100)
  - 1226 Level 2 (+20)
  - 468 Level 3 (+25)
- 325 Teachers (+175)
- 170+Sections
- 3391 Section members (56%)







... and



back!

# VIDEOS OF THE PRESENTATIONS AND OTHER NARCON EVENTS AT:



http://preview.tinyurl.com/narcon2016