

Reno Air Racing Association



Michael Houghton
President and CEO

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What is the Reno Air Racing Association? (RARA)

- Purpose
- Organization



National Championship Air Races and Air Show



U.S. Prestige & NV Tradition

- In northern Nevada since 1964
- Longest running air race in the world
- National Championship
- World Records
- More than 100 years of air racing – since 1908
- \$85 million a year for northern Nevada

A Dual Aviation Event

Air Show

Civilian
Aerobatics



National Aviation
Heritage Invitational



Military Teams and
Demonstrations



A Dual Aviation Event

6 Race Classes



Formula 1



Sport Bi Plane



T-6



Sport



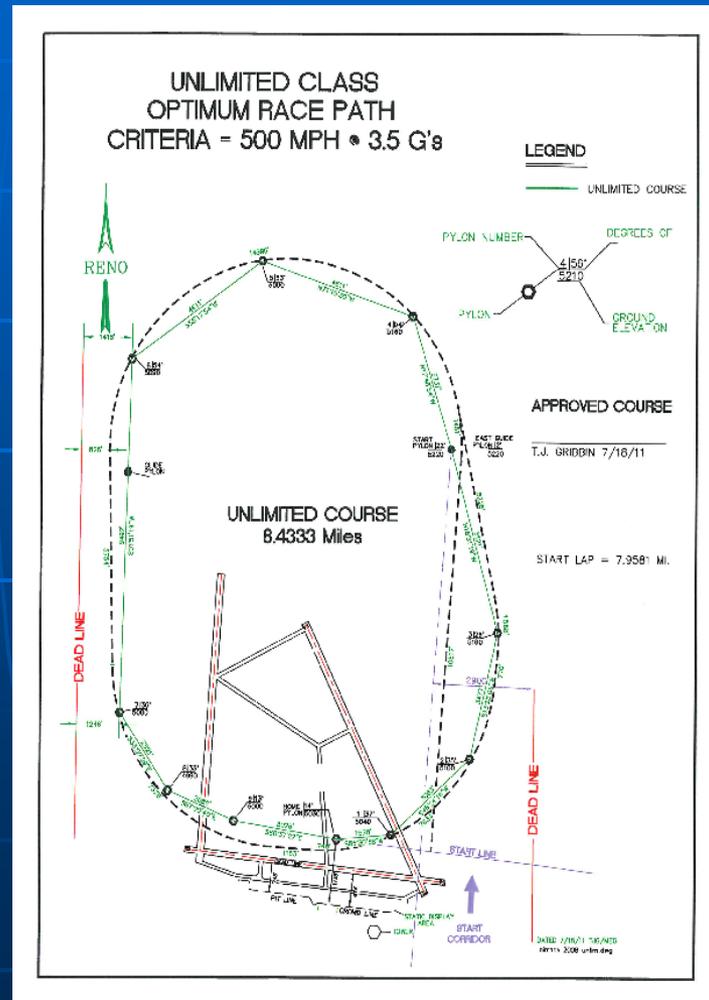
Jets



Unlimited

Reno Stead Airport

- The venue -



The role of RARA

- Event Producer
 - Pylon Racing Seminar
 - National Championship Air Races
 - Air Show
- Rules of Competition



48 years of compliance with FAA rules

- FAA issues waiver based on their approval of all of RARA's processes, practices and procedures
- FAA requirements included show line setbacks, ingress and egress angles/altitudes, center points and turn points
- RARA submits and the FAA approves the design of, or changes to, any race course in advance of its use.

The Waiver

Closed Course Pylon Racing & Aerobatic Demonstrations

- 91.111 (a) Near Other Aircraft
- 91.117 (a), (b) Aircraft Speed
- 91.119 (b), (c) Altitudes
- 91.121 (a), Altimeter Setting
- 91.127 (a), (c) Air Space Operations
- 91.303 (c), (d), (e) Aerobatics
- 91.515 (a) Flight Altitude Rules

Race Classes

- Classes are independent organizations.
- Prepare the rules of competition for the specific class.
- Responsible for race certification of pilots.
- Responsible for aircraft compliance with class and FAA rules
- Work with FAA to define the scope of aircraft that qualify for each class

The participant application process

- Pilot data
- Aircraft data



The role of the Technical Inspection Committee

- Organized by race classes to insure compliance with class rules.
- Provides a record of technical inspection to RARA for each entered aircraft.
- Each aircraft has been inspected and approved

Communication

- Information letter
- General pilot briefings
- Daily class briefings
- Pre-takeoff briefings
- Performance debriefings

Safety

Pilot & Aircraft Operations

- Annual Pylon Racing Seminar (PRS)
- RARA Proactively makes changes:
 - Race Course Adjustments
 - Training Modifications
 - Site Changes
 - Aircraft type restrictions

Safety

Emergency Services

- **Employs an Emergency Services Management Structure**
 - 1 Emergency Services Director (9 staff)
 - 2 Fire Response Divisions (200 firefighters)
 - 2 Recovery Teams (6 staff)
 - Emergency Medical Services (16 staff)
 - Emergency Security Services (400 +)

- RARA promulgates an emergency services manual

- Briefings and training are provided to emergency personnel
 - RARA operated Biennial Multi-Causality Table Top Exercise (every 2 years)
 - Race Week Combined Services Safety Briefing
 - Daily Emergency Services Onsite prior to the start of racing.

A continued commitment to safety

- RARA has announced a Blue Ribbon Review Panel to assess if established levels of safety can be improved and, if so, what should be done.

Thank You

- Questions?