



"GARY HARVEY MEMORIAL FUN FLY"  
RICHARDSON RADIO CONTROL CLUB 2014



# *Richardson Radio Control Club*



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- **Charter / Constitution**
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# *Bratonia Park Flying Field Lease Extension*



- On Monday December 14, 2020 the Commissioners Court will be asked to review and approve a lease extension for the use of Bratonia Park by the Richardson Radio Control Club.
- Bratonia Park has been the RRCC flying site since 1997, and is located on the shore of Lake Lavon on FM 546.
- Access to this park and renewal of the lease agreement is critical to the existence of the RRCC as a community based organization in Collin County.
- The only AMA sanctioned flying field in Collin County.
- The membership of the Richardson Radio Control Club requests your support of this lease extension

# *RRCC at the Bratonia Park Flying Field*



- Bratonia Park, operated and managed by the Richardson Radio Control Club, is a Collin County Open Space Program success story
- This partnership has produced greater than 100% ROI to Collin County over the 22 years of RRCC management and use of this space
- The RRCC has invested over \$100,000 of our club's funds in developing this park into a premier radio control flying field
- RRCC has donated over \$12,000 in charitable contributions to our local communities
- Over 500 local families have enjoyed visiting Bratonia Park for public events
- More than 700 Collin County families are directly associated with the club
- The RRCC has an exemplary safety record with no incidents affecting our neighbors in 22 years of continuous operation

# RRCC - Constitution Summary



- **Objectives of the organization:**

- To foster the building and flying of Radio Controlled Model Aircraft
- To regulate the activities of members when operating under the auspices of the organization

- **Covenants and Restrictions:**

- Membership is restricted to persons interested in RC model aircraft
- The use of RRCC sponsored flying facilities is restricted to operation of RC aircraft
- RRCC members will not obligate the organization in any manner not specifically sanctioned by the membership as a whole or by a committee authorized to act for the membership by the membership.

**Note:** The club requires all members and guests that use the flying field to have an active Academy of Model Aeronautics Membership. The AMA provides each member with \$ 2,500,000 of comprehensive general liability insurance for members, clubs, site owners and sponsors in case of accident.



# *Richardson Radio Control Club History*

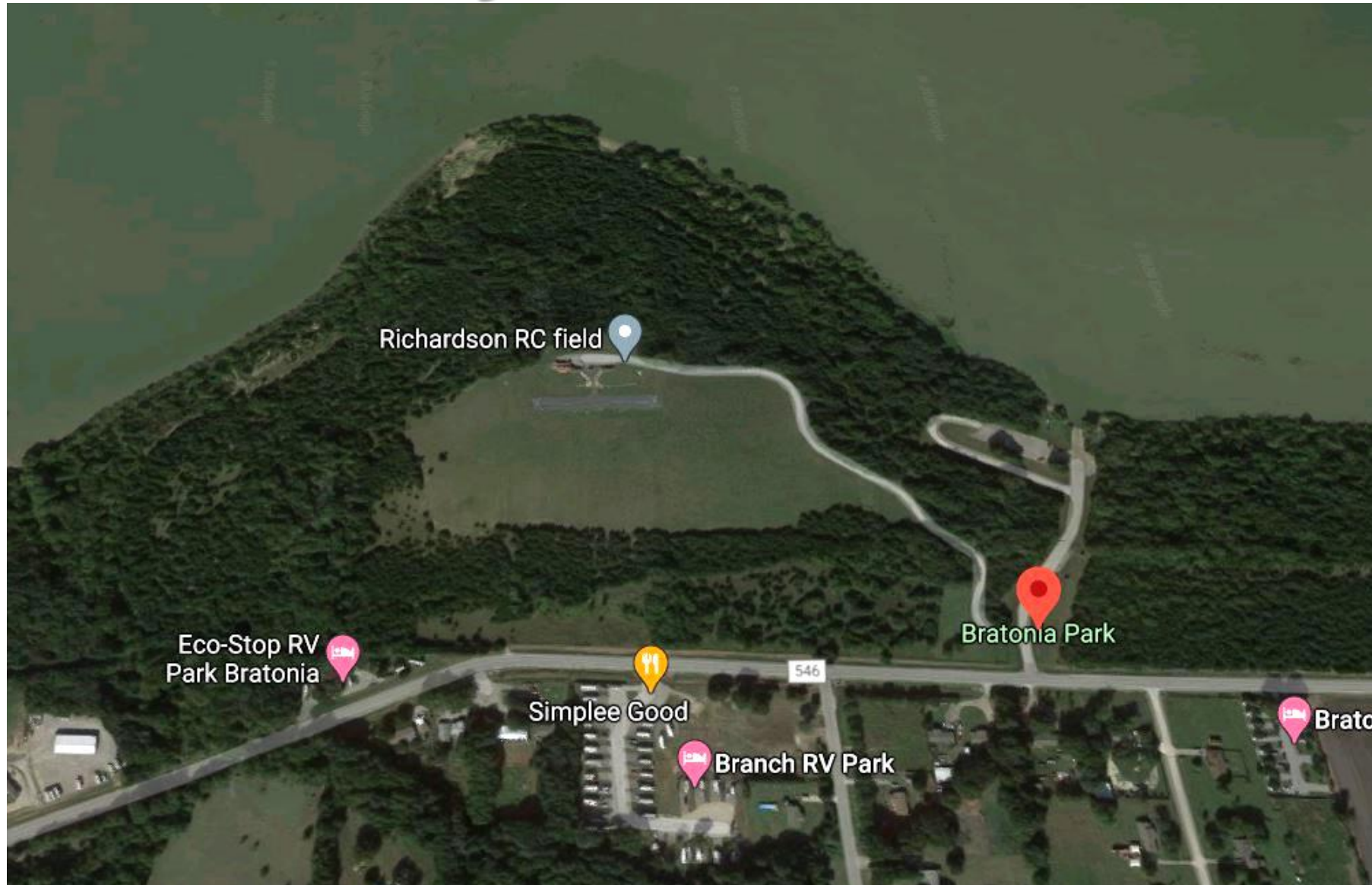
- **1966** - Founded by 5 original members as an Academy of Model Aeronautics (AMA) Chartered club.
- **1975** - Grew to over 100 members.
- **1984** - Moved to a site leased from the US Army Corps of Engineers at Collin Park, Lake Lavon.
- **1984 – 1996** - Substantial RRCC funded land improvements made at the Collin Park site:
  - grass runway & safety fences
  - irrigation system & electrical service
  - shade shelters & gravel parking lot

# *RRCC History – Continued ....*



- **1990** - An 83 acre site at Bratonia Park was identified as a potential Radio Control flying field by the Collin County Open Space Project.
- **1994** - The Collins Radio Control Club signed agreements with Collin County and US Army Corps of Engineers and started improving the present Bratonia Park field.
- **1997-** Due to resource limitations (Collins RC had only 12 members), field improvements were not accomplished per the original plans. The Richardson Radio Control Club was offered the Bratonia Park flying site in exchange for assuming the Collins RC Club site lease obligations, Collins RC Club members, and the obligation to relocate the RRCC from the Collin Park site to Bratonia Park.
- **1997 to present** - RRCC moved to Bratonia Park and has operated, maintained, and improved the Bratonia Park flying site within the terms of our lease agreement. The RRCC investment from 1997 to present is in excess of \$ 100,000 for capital field improvements and maintenance of the site.

# Aerial View of Bratonia Park



# *Close up View of Runway & Infield Improvements*





# Bratonia Park Field Improvements



1998 & 1999 – Shade Structures and Runway

2001 & 2002 – Starting Benches & Paved Flying Stations



2005 – 2010 Outdoor Kitchen, Improved Flying Stations

2011 – 2020 Infield enhancements, new runway pavement, field maintenance equipment storage

# *Bratonia Park Improvements*



The Richardson Radio Control Club has funded all field improvements since taking over the lease agreement in 1997. Capital investment from RRCC to date is more than \$ 100,000:

- Installation and maintenance of runway and infield paved area
- Construction of pilot stations and shade shelters
- Installation of spectator safety barriers and fences
- Installation of outdoor kitchen and storage facility

The Club also provides continuous maintenance of the 83 acre site. Annual maintenance costs are typically \$ 7,200:

- All open space mowing of the overfly area and perimeter
- Periodic gravel road grading and additional aggregate surfacing
- Equipment maintenance

# *Drone Video Of Field*

<https://www.youtube.com/watch?v=KiFxFK-UDKI&feature=youtu.be>



# Radio Control Aircraft Examples



Trainer



Sport



Aerobatic



Scale



Precision Pattern



Helicopter



Glider

# *Richardson Radio Control Membership*



- Year 2020 membership total = 155, including 12 youth and 57 Seniors
- 120 (76 %) are Collin County residents
- From:
  - Allen, Anna, Copeville, Dallas, Fate, Fairview, Farmersville, Frisco, Josephine, Plano, Lavon, Lucas, McKinney, Melissa, Murphy, Parker, Princeton, St Paul, The Colony and Wylie

# *Club Activities*



The Richardson Radio Control Club is an AMA Chartered “Gold Leader” club that supports our local communities in the following ways:

- Information to schools and school STEM programs
- Public events
- Charities
- Regular Club Meetings
- Maintains an information website [www.rrcc.org](http://www.rrcc.org)
- Provide formal flight training for new members

# Information to Schools



Bowman Middle School RC Aircraft Demonstration



EAA Program Build Project and Visitors

Other programs: McKinney High School Aviation Academy, Plano Academy STEM Program, Young Eagles – EAA at McKinney Airport,

# Public Events



[https://www.youtube.com/watch?v=j3PBN\\_FYSPU&feature=youtu.be](https://www.youtube.com/watch?v=j3PBN_FYSPU&feature=youtu.be)



Southwest Aero Modeling Convention

Try RC Day at the field 2019



# *RRCC Swap Meet at Allen High School*



The largest Radio Control Swap Meet in North Texas (Not held in YR 2020 due to Covid 19)

# Charities



Fun Fly Allen Community Outreach Donation



Branch Fire Department Donation

# Club Meetings



At Allen City Facilities



At the Field

# *RRCC Publications*

- Website @ [www.rrcc.org](http://www.rrcc.org)
- U Tube Videos
- RRCC Facebook Page
- Monthly updates for:
  - Club meeting minutes
  - Special events
  - Announcements
- Content:
  - Membership Info
  - RRCC Documents
  - Newsletter
  - Downloads
  - Swap Shop
  - Local Hobby Shops

And more ...

Guestbook  
Contact Us  
Directions  
Flight Training  
Calendar  
Photo Gallery



# *New Membership Flight Training*



Instructor and Student with Buddy Box



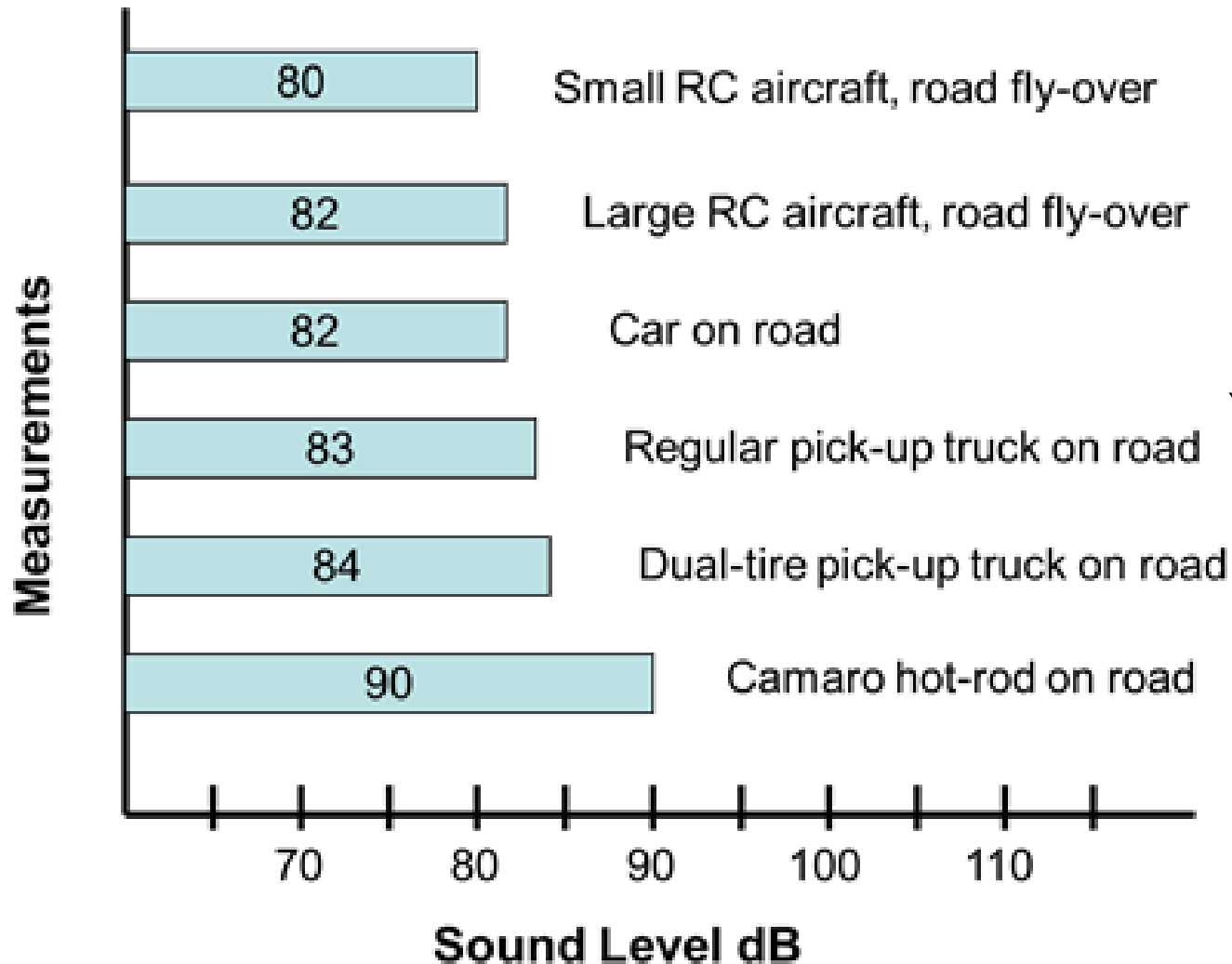
New Pilot Graduation and Certificate

# RRCC Flying Rules Summary:



- **General field use requirements:**
  - Must have current membership in the Academy of Model Aeronautics (AMA) [www.modelaircraft.org](http://www.modelaircraft.org)
  - Must have read the following: RRCC Safety Rules, RRCC Flight line courtesy guidelines, AMA General Safety Code
  - All new members & visitors must participate in a safety walk through with a club officer
  - Any person non-compliant with Club Rules shall be asked to leave
  - Any person who willfully and deliberately flies a model in a careless, reckless, and/or dangerous manner shall be asked to immediately discontinue flying
  - No alcoholic beverages permitted on premises at any time
- **Boundaries:** No flying behind the pilot flight boxes, over the start up area, spectator area, beyond the eastern boundary (road).
- **Engine Sound Limit:** Documented sound measurement and management procedure.
- **Time:** No flying prior to 9:00 am on any day of the week.
- **Enforcement:** All RRCC members share an equal obligation to enforce the rules for field safety. The club has an assigned Safety Officer.
- **AMA Membership:** Provides \$ 2,500,000 Comprehensive General Liability Protection for members, the club, site owner and sponsors.

# Sound Measurements for Field Impact



*The original sound study was done in 1993 by the Collin County Open Space Committee before the flying field was authorized.*

*These sound measurements were re-verified in 2003 with Collin County Officials present and are shown in the chart.*

**Note: a 3dB increase in sound level represents a 2X increase in apparent volume**

# *Conclusion and Summary*



- RRCC promotes the aero modeling hobby through fun, fellowship and learning.
- RRCC has experience in all aspects of radio controlled modeling including flight training, sport flying, aerobatics, scale modeling, precision pattern, rotary wing helicopter and non powered glider.
- RRCC maintains the flying site which includes shelters and a paved 50' x 350' runway. The Bratonia Park Flying Site is open to the general public during flying hours. AMA membership is required to fly at our site.
- Through a robust training program, RRCC is actively engaged in the training and development of new radio controlled aircraft pilots. Training is free to new club members.
- RRCC is also actively involved in promoting the aero modeling hobby through participation with local schools and community events.