

2022

Version 1.0

MUSIC CITY MISSILE CLUB

MC2 2022 Field Guide | Version 1.0 | Burman Farms



Site Address:

Burman Farms
2830 Locust Grove Rd.
Hopkinsville, KY 42240

Please refer to our website or Facebook group for the latest information, news, and events:

<http://www.mc2rocketry.com/>

<https://www.facebook.com/groups/musiccitymissileclub>

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About MC2

The Music City Missile Club (MC2) has been operating in the Nashville area for over a decade. MC2 is a volunteer organization of professional, technical, educational and lay persons engaged in the promotion, creation, and implementation of sport rocketry.

The club works with local youth organization such and the Scouts, Youth Civil Air Patrol, and others. Many regional universities attend our club launches to work on their aerospace projects. Teams flying with MC2 include: University of Tennessee Knoxville, University of Tennessee Chattanooga, Vanderbilt University, University of Alabama, and many others. Multiple MC2 members also mentor university teams, who compete in the NASA Student Launch, Spaceport America Cup, and other national and international rocketry competitions.



MC2 is affiliated with this nation's two largest rocketry associations, the National Association of Rocketry (NAR Section #589) and Tripoli Rocketry Association (TRA Prefecture # 134). Dual affiliation means that we can certify flyers for high power through both organizations. Accordingly, we operate and maintain our rocket range in accordance with NAR/TRA standards and safety codes, in addition to applicable local, state and Federal laws and regulations.



Everyone interested in sport rocketry is welcome to attend our launches. No experience necessary! SPECTATORS are always welcome! Our goal is to have fun and provide a safe environment for educational and sport rocketry activities.

MC2 membership is open to all persons interested in rocketry. NAR or TRA membership is encouraged but not required, unless you are fly high power rockets for which certification through one of the associations is required.

Model Rocket Launches (LPR)

Model or low power rocket launches are formally (and informally) conducted during the year at various locations around Nashville. Low power rockets are an important facet of our high-power launches held during winter months at our Burman Farms site in Hopkinsville Kentucky.

High Power Amateur Rocket Launches (HPR)

High power rocket launches are formally conducted during winter months, generally, on the 3rd Saturday, November thru March, at our Burman Farms site in Hopkinsville Kentucky. The launches are conduct under the TRA Research Safety Code (rules) unless otherwise communicated. A through M class is welcome (N and O with prior approval). FAA authorized ceiling is 10K MSL. To ensure compliance, flights estimated above 8K

require approval. We have the option of extending the FAA ceiling to 12K MSL with advanced notice prior to issuance of the NOTAM. Site is within the military Alert Area of Fort Campbell.

Important Contacts

Note: Only some of the contacts listed below may be attending a given launch. Please note which officers are attending that day and serving in what role RSO, LCO, etc. The roles will be announced during the flyers meeting. If you cannot attend the flyers meeting, please check in at the RSO table (or other designated area) on arrival to be briefed on information relevant for the day. It is every flyer's responsibility to know this information and who to contact in case of emergency or other serious event. For example, if you observe a reason to halt flight operations, please contact the LCO, then, if necessary, the RSO. **When life or serious injury, immediately call 911 and have another flyer contact the RSO, LCO, or a Club officer preferably in person, if not then via mobile phone.**

Emergency: 911

Club Officers

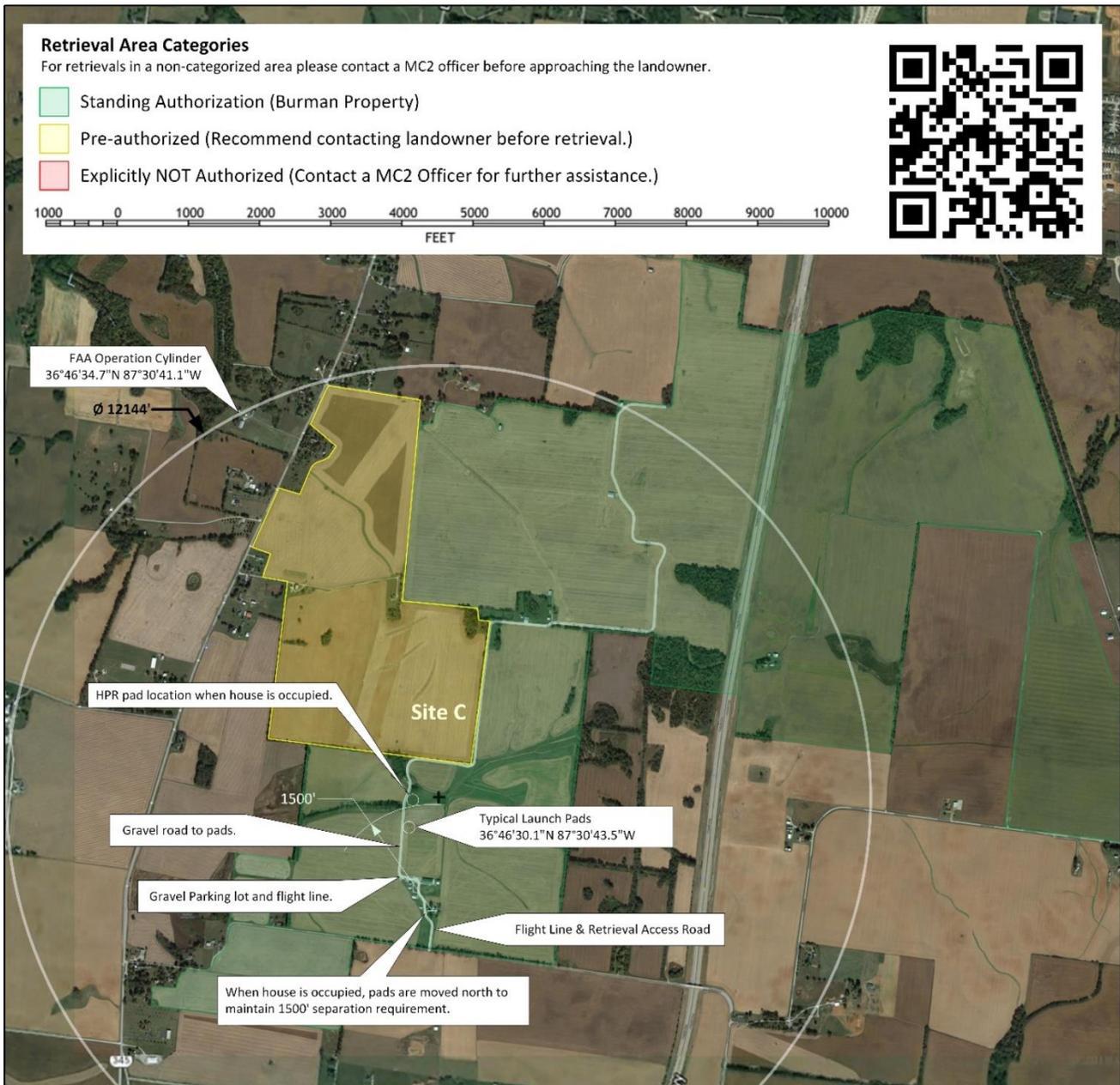
- **President (Allen Hall):**
Mobile: 615.364.7157
Email: jahalliv@gmail.com
- **Vice President & Landowner Liaison (James Hudspeth):**
Mobile: 931.249.7513
Email: ceojhudspeth@imperiaspace.com
- **Treasurer (Henry Coffey):**
Mobile: 443.226.2537
Email: coffeyhi@yahoo.com
- **Secretary (Terry McCreary):**
Mobile: 270.752.3624
Email: prfesser@hotmail.com
- **NAR Advisor (Peter Tarle):**
Mobile: 734.776.7383
Email: advisor@mc2rocketry.com

- **Tripoli Rocketry Association Prefect (Terry McCreary):**
Mobile: 270.752.3624
Email: pfesser@hotmail.com

- **Tripoli Rocketry Association Secretary (Richard Booth):**
Mobile: 615.478.7143
Email: richard@booths.fyi

Site Diagram

Burman Farms launch site and retrieval (recovery) areas are shown below along with important features relevant to launch and recovery. While the FAA operational cylinder extends over roads and into areas without standing authorization for retrieval a best effort must be made to avoid high traffic roads and recover your rocket within the “categorized” areas. Depending on expected altitude and current winds this may mean not flying. The RSO may require simulation(s) demonstrating where your rocket is expected to touch down.



Services

Hopkinsville Area Tree Services

- **Beaver Tree Service LLC**
(270) 498-1274
<https://www.facebook.com/BeaverTreeServiceLlc/>
Owner Kyle, former paratrooper, has staff on call on Saturdays, call his cell 931-(436-7373
- **(Wille) Morgan's Tree Services**
(270) 885-9333
(No website)
Cell 270-839-4220, knows Burmans, has recovered rockets and drones, 5 minutes away.
- **Sim's Tree Services**
(270) 885-7572

Vendors

Restaurants and Food Trucks

- **El Bracero of Hopkinsville**
(270) 886-2005
<https://elbraceromexican.com/>
- **Holiday Burgers**
(270) 886-7495
<https://www.facebook.com/HolidayBurgers/>
- **Panera Bread**
(270) 962-4022
<https://bit.ly/3FhITmE>
- **Starbucks**
(270) 885-1078
<https://sbux.co/3qBKRZK>

Rocket Supplies

- **Merlin Missile Solutions**
(937) 238-5297
<http://merlinmissiles.com/>
Online an onsite vendor of kits, supplies, and motors; club orders. (Launch attendance announced)
- **Chris' Rocket Supplies**
(850) 554-6531
<https://csrocketry.com/>
Online an onsite vendor of kits, supplies, and motors; club orders. (Launch attendance announced)
- **Hobby Lobby Hopkinsville**
(270) 881-4283
<https://bit.ly/2YM61Jb>
Model kits, supplies, and motors

Hotels

- **Hampton Inn & Suites Hopkinsville**
(270) 886-8800
<https://bit.ly/3qDNp9x>
MC2 special room rate of \$119. Contact the Sales Director Pam Hale directly @ 270-498-0642. Mention President Allen Hall and that you are flying with MC2 on Saturday.

Tools and Hardware

- **Harbor Freight**
(270) 632-3737
<https://bit.ly/3kzWtZm>

Miscellaneous

- **Walmart Supercenter**
(270) 886-1900
<https://www.walmart.com/store/653-hopkinsville-ky>
- **OfficeMax**
(270) 887-9946
<https://bit.ly/3FmE62b>