



# NEW MEXICO FIRST TECH CHALLENGE



**NEW MEXICO** Welcome to the Alamogordo *FIRST* Tech Challenge Qualifying Tournament!  
Hosted by Alamogordo High School, 704 Test Group, and ASTRO Vikings FRC

## Welcome to Alamogordo!

We are SO looking forward to seeing you all December 2 & 3 at our qualifying event held here in Alamogordo, New Mexico! This year's game Power Play is an exciting one! It's time to celebrate the achievements of your team. Please read the following information and help us have a fantastic tournament. **Good luck Teams!!!!**



PRESENTED BY  Raytheon Technologies

## Schedule for the Tournament Friday, Dec 2nd, 2022 5:00 pm – 8:00 pm

Venue opens to teams for early check in, inspection, pit set up and practice. We encourage as many teams as possible to take advantage of this opportunity. Getting all teams inspected in a timely manner will ensure that the event runs on time. **At 7:30 PM there is a Coaches & Drivers Meeting.** At 8:00 PM the venue closes for the night. (times can change ... we will announce or check at registration desk!)

There is a play in the cafeteria until 6:30 PM on December 2<sup>nd</sup>. PLEASE do not accidentally enter through the cafeteria. I will have FRC students outside looking for teams, but if you are at all confused on where to enter Friday evening, please call Heather (575)442-1158 or Matthew (575)442-1486 and we will send help!

## Saturday, Dec 3, 2022

- 7:00 am Pits open, Team registration opens, Inspection continues
- 8:00 am Drivers meeting on the field & Coaches meeting in the Cafeteria with the Tournament Director
- 8:30 am Judging sessions and practice matches begin
- 10:30 am Opening Ceremonies
- 10:45 am Qualification Matches begin
- 12:00 pm Lunch Break
- 1:00 pm Qualification matches resume
- 2:00 pm Alliance Selections
- 2:30 pm Elimination matches
- 4:00 pm Awards & Closing ceremony
- 5:00 pm Event ends (all teams please clear by 6:00 pm unless you are helping with teardown!)
- 8:00 pm Building closes

## PLEASE NOTE THAT NO WIFI NETWORKS MAY BE SET UP BY TEAMS IN COMPETITION VENUE!

With the Android robot controller, WiFi interference has been minimized, but not eliminated. Outside WiFi networks and devices may interfere with Android communications on the competition field, so we would also ask that all mobile devices with WiFi capability have the WiFi set to off or airplane mode during the competition. One team computer can be added to APS Guest for software downloads and troubleshooting, however it MUST be taken off the network after diagnostic or repair use.

## Inspection

Hardware inspection takes place with your robot at the inspection table in the pit area. Software inspection takes place on the competition field. Your team will not be allowed to compete in qualifying matches until your robot has passed inspection! **Please make passing inspection your first priority!**

### **Team Setup/Pits**

Teams will setup in the commons area of the school. We will provide one 6ft table and a couple of chairs in a 10 ft x 10 ft space. Power supply is limited in the commons. Teams are required to bring an extension cord if you want power in your pit. **Please use only gaffer tape on floors – NO Duct Tape!**

### **Schedules**

Practice matches are on a first come, first serve basis. Match and judging schedules will be generated once all teams are checked in. Each team will get 6 qualifying matches with time built in for robot repairs and battery charging. Teams will also be assigned a 10-15 minute judging interview time that will take place before opening ceremonies. If possible, the whole team and robot are invited to participate in the interview. **Please - be at your interview at LEAST 5 minutes prior to your assigned time!** After lunch, judges will circulate throughout the pit and the competition field to interview teams informally. **Please be sure there is always someone at your pit during this time who knows where the team is.**

### **Engineering Portfolios**

**FTC requires teams to document their build season in an engineering portfolio.** Six of the possible eight awards require teams to submit an engineering portfolio in order to be eligible for an award. Please make sure your team brings their portfolio that documents their journey through the Power Play challenge! **Portfolios, Control Award Submissions and Judge Feedback Requests will be collected during the registration process when you check in.**

### **Food**

**A reminder:** Food can be consumed in the commons. **Please just clean up after yourself!** The cafeteria area will be open for seating and there are tables throughout the upper and lower commons. There are also ample picnic tables outside the cafeteria in the grass if the weather permits.

**The Alamogordo High School Band will run a concession stand near the Cafeteria from 10am-2pm. They will have pizza, chips, soda, candy and pickles.**

There are a few local pizza places that will deliver to AHS.

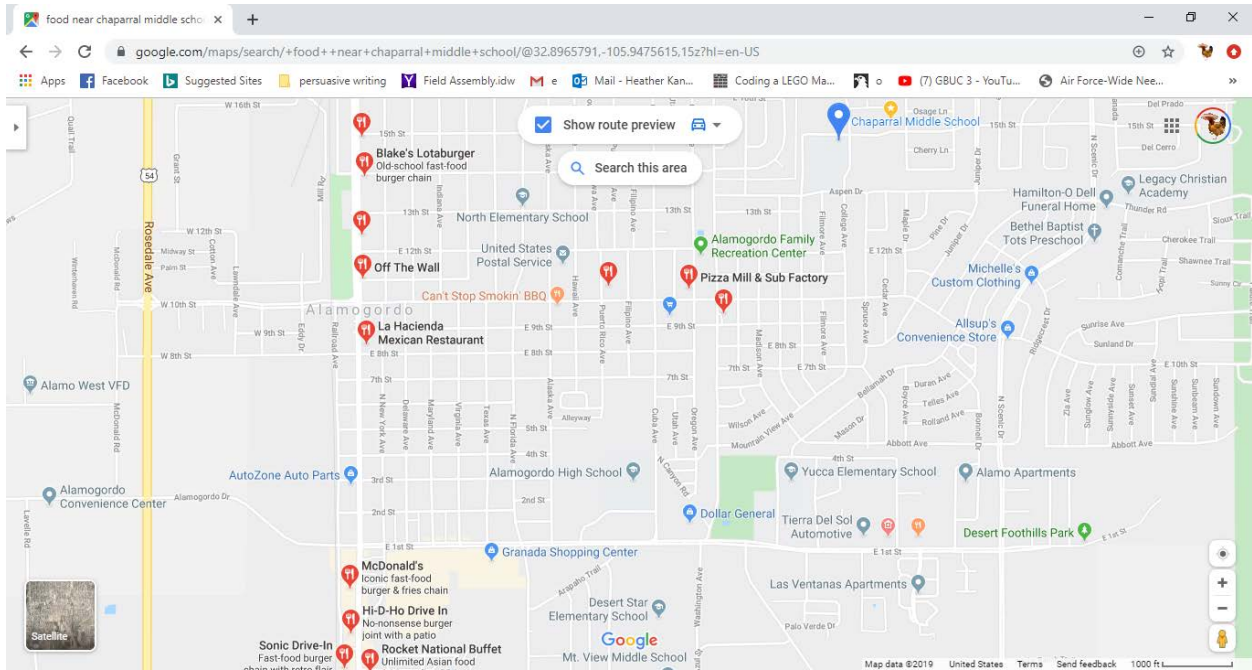
Dominos (575)434-3030

Pizza Mill (575)434-1313

Papa Johns (575)437-5678

Just be sure to tell them to meet you outside of the cafeteria and a description of who they are looking for. It will make their trip much easier!

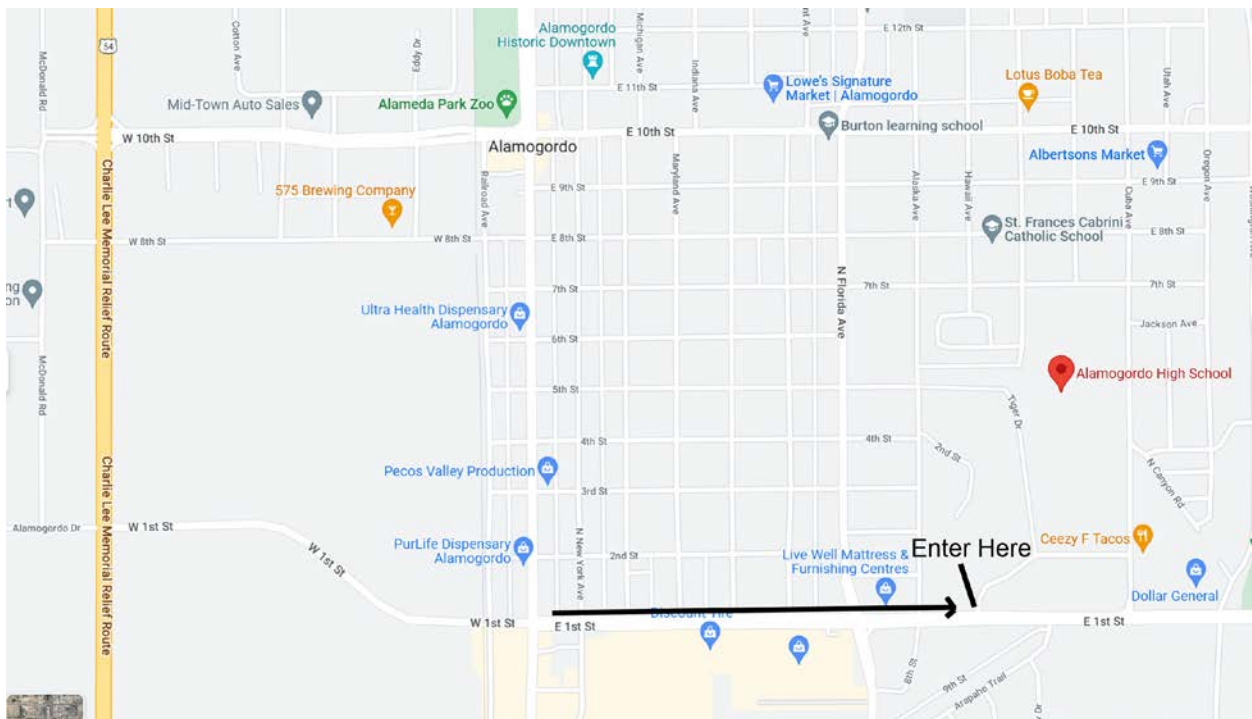
I've also included a map that shows the closest restaurants to the school. Brown bag deli make wonderful sandwiches! Pizza Mill had really great subs and the Garbage Barge Pizza is a local favorite.



### Directions & Parking

To get to the Alamo High School from Highway 54 turn onto 1<sup>st</sup> street. You will turn left to enter the high school parking lot from 1<sup>st</sup> street. There is a big sign that says Tiger Drive! If you make it to Cuba Ave you've went too far.

Note the differing entrances for Team load in/out. On Saturday there is a basketball tournament at the school. There should be ample parking, but please note there will be lots of cars at AHS on Saturday.





### Advancement to the New Mexico Championship

The New Mexico Championship will take place in Socorro, NM on January 27 & 28, 2023 at Sarracino Middle School.

If your team advances to the Championship, you will have until the Tuesday following the Qualifying Tournament to accept your spot at the tournament. Please register for the championship by visiting <https://nmftc.org/calendar-of-events/> by 5 pm Dec 6 to secure your spot, or your place will be given to the next team on the advancement list. The number of teams advancing from each Qualifying Tournament depends on the size of the event, but will be approximately 10 teams competing at this qualifying event.

### Things to remember:

- Don't forget your Gracious Professionalism!
- Bring your team roster and/or please have all student consent forms for all team members and mentors completed in the FIRST registration system. Hard copy forms can be accepted but are discouraged. **Students are not allowed to compete by FIRST without one or the other of these!**
- Remember to bring your engineering portfolio.
- Please bring safety glasses for your team and all guests – they are required in all Pit and Competition areas.
- Closed toed shoes only in the pits and on the field.
- Scout! You never know if you might be selecting an alliance.
- Cheer! Bring up the energy of our event and have a blast!
- Make sure your robot batteries are fully charged before coming out to a match. This is the #1 reason why robots stop moving on the field and is entirely preventable!
- Please no WiFi devices except one team computer as needed!!
- Please leave our school cleaner than you found it.
- HAVE FUN!

### GO TEAMS!

Heather Kangas, Alamoogordo FTC Qualifier Tournament Director  
 Jim Jackson, New Mexico FTC Program Delivery Partner  
 A.S.T.R.O. Vikings FRC