



U.S. MILITARY INTERSERVICE
DRONE COMPETITION
RACE & MANEUVER MATCHES



June 2-4 | Washington DC

LIVE NOW >>> JOIN THE TRY-OUTS >>>



 SPECIAL COMPETITIVE STUDIES PROJECT



OPEN TRYOUTS // TEAM SELECTION PROCESS



Practice Course

LIVE

RANK UP on the practice track. Search for



“USNDA SCSP”

in the **VELOCIDRONE Track Manager**. Open to all High School and College students, and Army, Navy, Air Force, and Marine Corps service members.

MAY 1ST

**VELOCIDRONE
Time Trials**

Register now at the link below to receive a closed invitation to the USNDA Signal Group and private link to compete for time on the **VELOCIDRONE USNDA Leaderboard Time Trials Track**, open May 1st.

www.usnda.org/compete

The Leaderboard Track will open on May 1st for 72 hours to rank your best time.

JUNE 2 - 4

**Washington D.C.
Drone Matches**

Top Ten: Army | Navy | Air Force | Marine Corps | Highschool | College

The Top Ten service members from each military branch and student group will receive an invitation to compete in person at the USNDA Interservice Military Drone Match at the AI+ Expo for National Competitiveness in Washington D.C., June 2-4 2025



JOIN THE USNDA COMPETITION SIGNAL GROUP

To be approved to join the USNDA Signal group, you must first register at www.usnda.org/compete

SIGNAL LINK :

[JOIN THE USNDA COMPETITION SIGNAL GROUP](#)

Purchasing a Velocidrone License

Step 1.1: Go to [Velocidrone's official website.Www.Velocidrone.com](http://www.Velocidrone.com)

Step 1.2: Navigate to the "Shop" section.

Step 1.3: Select the license type that fits your needs. You will need both the "Velocidrone License" as well as the "Micro Class Quads" license.

Step 1.4: Add it to your cart and proceed to checkout.

Step 1.5: Complete payment using your preferred method (credit card, PayPal, etc.).

Step 1.6: Download the software after purchase and follow the installation instructions.

Note: You will require to purchase both the Velocidrone License and the Micro Class Quads to be compliant.

Purchasing a RadioMaster Pocket Radio or Similiar Controller

Step 2.1: Go to Amazon (For quickest shipping) or any website of your choosing that sells the Radiomaster Pocket and Purchase a Radiomaster Pocket Radio. You will also need to purchase 2x 18650 batteries. (Without the batteries the controller cannot be used). Most Amazon sellers also suggest the purchase of the 18650 batteries you will need to power on your radio.

Step 2.2: Proceed to checkout and complete the purchase.

Step 2.3: Wait for shipping and tracking information.

Purchasing a USB-C Data Cable for the Radio

Step 3.1: Go to Amazon or any store of your choosing to purchase a USB-C Data Cable. This will allow your controller to communicate with the Velocidrone simulator.

Step 3.2: Search for or navigate to "USB-C Data Cable."

Step 3.3: Add it to your cart and proceed to checkout.

Step 3.4: Complete your purchase and wait for delivery.

Note: The cable the radio comes with is for charging only and does not work with use of simulators.

Downloading Velocidrone and Set Up for the Pocket Radio

Step 4.1: Open the Velocidrone application (install it if not already done).

Step 4.2: Plug in your RadioMaster Pocket Radio via the USB-C data cable to your computer.

Step 4.3: Here is a video link on how to properly set up your Radiomaster Pocket to be used in Velocidrone with ease. https://www.youtube.com/watch?v=qh_Nte1i44c&t=67s

Start Flying the Track in Velocidrone

Step 5.1: Open the Velocidrone application (install it if not already done).

Step 5.2: Ensure your Radiomaster pocket is connected to your computer.

Step 5.3: Once Velocidrone is opened, from the main home screen menu, click “Track Manager”.

Step 5.4: Next click “Download Track” on the left hand side.

Step 5.5: At the top left you will find a section titled as “Enter Track Name” click within this section and type in “USNDA SCSP”.

Step 5.6: To the far right you will see a “DOWNLOAD” button. Click there and wait for a popup that says “Track Downloaded Successfully”.

Start Flying the Track in Velocidrone (Continued)

Step 5.7: Navigate back to the home screen of Velocidrone and click “Single Player”.

Step 5.8: At the bottom left of the screen click on “+Add Quad” then select “Micro Quads” on the left hand side menu.

Step 5.9: From here click on the “ACROBEE PMB” micro quad, then select “ADD QUAD” at the bottom right of the screen. Then click “Continue” at the bottom right of the screen.

Note: If you have not purchased the “Micro Quads” add on license then a suggestion would be to select “Bando” from the left side drop down menu that says “All Tracks”. Then the drop down below lists as “Any Class” change to “Beginner” and you will find some easier tracks to practice on for the time being with the drones that are available to use with the main license.

Step 5.10: Within your list of Tracks find the drop down menu on the left side under “Game Settings” and ensure this drop down is selected as “Single Class - Three Lap Race”. (Without this setting your lap times will NOT be loaded to the leaderboard.)

Step 5.11: Within your list of tracks locate the “USNDA SCSP” track and click on “FLY” to the far right.

Step 5.12: Once loaded you can click “START” at the bottom center to begin the race.

Note: You MUST complete all three laps to have your time posted to the leaderboard.

Troubleshooting Tips

Tip 1: If the radio isn't recognized, check if the drivers for the Pocket Radio are installed correctly.

Tip 2: Make sure your USB-C cable is data-compatible (some only charge).

Tip 3: If Velocidrone crashes, try restarting the app or your computer and check for updates.

Additional Resources

Key Takeaways:

- Purchase and install Velocidrone.
- Get your RadioMaster Pocket Radio, USB-C cable, and two 18650 batteries.
- Set up your controller and start flying.

Links for support:

- Velocidrone Support: <https://www.velocidrone.com/support>
- RadioMaster Support: <https://www.radiomasterrc.com/pages/contact>
- Velocidrone Forums: <https://forum.velocidrone.com/>

A new instance of the track will be uploaded on May 1st for the official release of tryouts. Please note the current track you will be flying is for practice. To receive the invitation to the May 1st Track register now at www.usnda.org/compete