

"Safe | Legal Flying at Robson Ranch"

RR Drone Club

Monday, June 24th, 2024

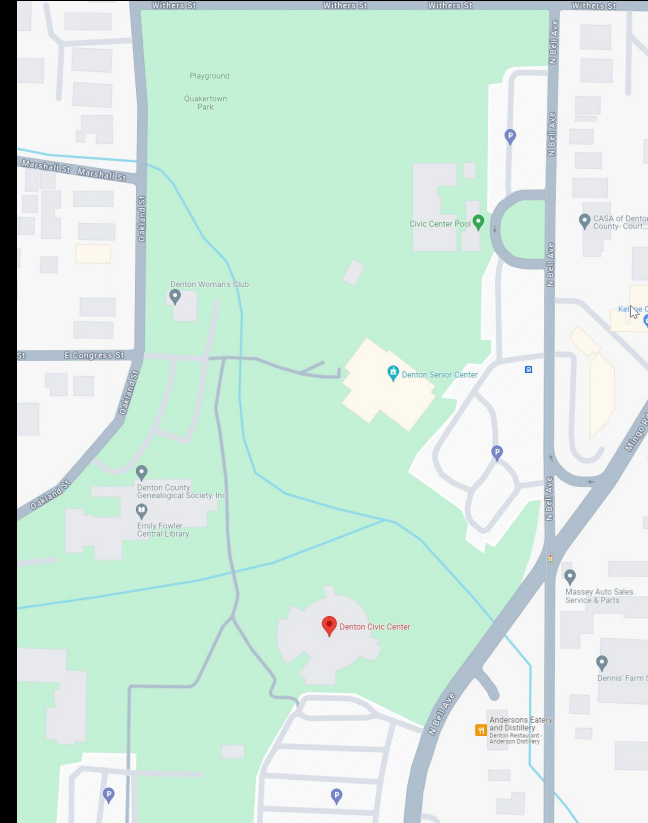
Steve Simpson, Host
Dennis Brooks, Host

Robson Ranch CATC



DENTON JULY 3RD JUBILEE | DRONE SHOW

Civic Center @ 6pm



PURPOSE?

#1 PHOTOGRAPHY...

<https://www.groundandaerialmedia.co/robson-ranch>

#2 TRAVEL DOCUMENTARY...

<https://www.groundandaerialmedia.co/wtx>

#3 DRONE | TECH | PHOTO CLUBS...

<https://www.groundandaerialmedia.co/parade-of-lights>

BUDGET?

#1 DJI MINI 4 Pro ...Consumer Starting at \$769

<https://www.youtube.com/watch?v=nbXneZzFh8w>



#2 DJI Air 2s...Consumer Starting at \$999

<https://www.youtube.com/watch?v=NJ3Z1hSOoMc>



#3 DJI Mavic 3...Prosumer Starting at \$2.199

<https://www.youtube.com/watch?v=6dnqGrSKudM>



Hardware?

#1 DJI Mini 4 Pro...Entry Consumer at \$769

<240g Weight...Active Track...Omni Directional Sensors...
34m Flight No Wind...19 mph Wind Resistance...\$\$\$



#2 DJI Air 2s...Consumer Starting at \$999

OcuSync 3...20mp Camera...23 mph Wind Resistance
No L/R Sensors...No Zoom Camera...Gimbal Guard



#3 DJI Mavic 3...Prosumer Starting at \$2,199

4/3 20mp Camera...27 mph Wind Resist...8 Sensors
Very Pricy...Bulky to Transport...Time to Recharge Bat



FAA?

#1 Know what the FAA Says...

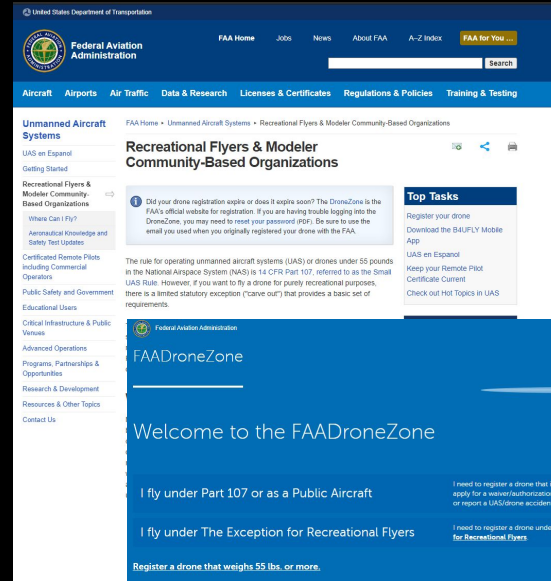
https://www.faa.gov/uas/recreational_fliers/

#2 Register Your Drone (.55 lbs / 250 grams)

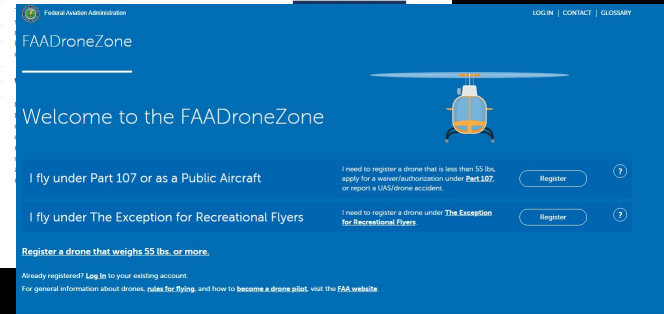
<https://faadronezone.faa.gov/#/>

#3 What Determines a Recreational Flight

“Recreational Flight is Simply Flying for Fun or Personal Enjoyment”



The screenshot shows the FAA website's navigation menu and a sidebar with various links. The main content area is titled 'Recreational Flyers & Modeler Community-Based Organizations'. It features a 'Top Tasks' section with links to 'Register your drone', 'Download the BAUFly Mobile App', 'UAS en Espanol', 'Keep your Remote Pilot Certificate Current', and 'Check out Hot Topics in UAS'. A 'Did your drone registration expire or does it expire soon?' section provides information about the DroneZone and the FAA's official website for registration. A 'The rule for operating unmanned aircraft systems (UAS) or drones under 55 pounds in the National Airspace System (NAS) is 14 CFR Part 107, referred to as the Small UAS Rule. However, if you want to fly a drone for purely recreational purposes, there is a limited statutory exception ("carve out") that provides a basic set of requirements.' section is also visible.



The screenshot shows the FAADroneZone registration page. It features a blue header with the FAA logo and the text 'FAADroneZone'. Below the header, there is a 'Welcome to the FAADroneZone' section. The page is divided into two main sections: 'I fly under Part 107 or as a Public Aircraft' and 'I fly under The Exception for Recreational Flyers'. Each section has a 'Register' button and a question mark icon. The 'I fly under The Exception for Recreational Flyers' section includes a note: 'I need to register a drone under The Exception for Recreational Flyers'. Below the registration options, there is a section titled 'Register a drone that weighs 55 lbs. or more.' with a 'Register' button. At the bottom, there is a section titled 'You must use the paper (N-number) registration process if' with a list of conditions and a 'REGISTER BY PAPER' button.

You must use the paper (N-number) registration process if

- Your unmanned aircraft is 55 pounds or greater
- You want to qualify a small unmanned aircraft for operation outside the United States
- You hold title to an aircraft in trust
- The small unmanned aircraft owner uses a voting trust to meet U.S. Citizenship requirements

REGISTER BY PAPER

AIRSPACE?

UAS Facility Map

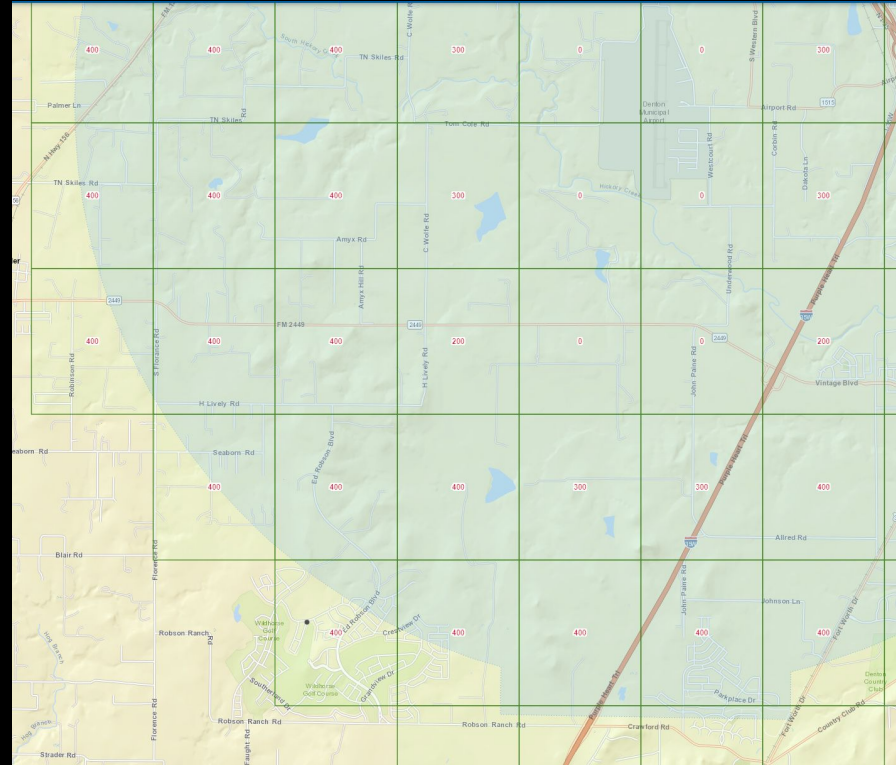
<https://faa.maps.arcgis.com/apps/webappviewer/index.html?id=9c2e4406710048e19806ebf6a06754ad>

LAANC (Low Altitude Authorization Notification Capability)

<https://www.youtube.com/watch?v=TU3VtnWGfIQ>

Mobile Apps

<https://play.google.com/store/apps/details?id=com.uavforecast>



FAA TRUST VIDEO




TRUST

HOW HARD?

LOCATIONS?

#1 Robson Ranch Map w/o Restrictions

<https://www.google.com/maps/@33.1381833,-97.2414398,19z>

#2 North Texas Aeromodelers

<https://www.google.com/maps/@33.2435063,-97.1459442,18z>

#3 Wide Open Spaces of West Texas

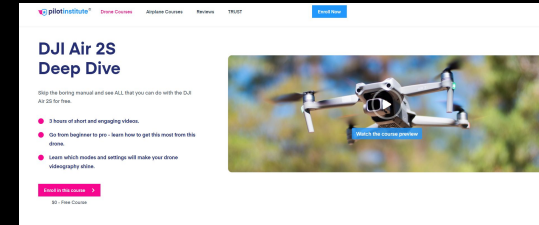
https://photos.google.com/photo/A-F1QipNJqkJAUovyg_pCVbO6KjT1cnGcnqNQcl3638Te



MENTOR?

Pilot Institute FREE Online Courses...

<https://pilotinstitute.com/course/recreational-flying-made-easy/>



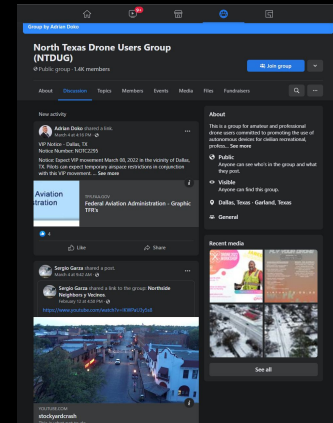
YouTube Channels...

<https://www.youtube.com/watch?v=FcFKkmmT68o>



North Texas Drone Users Group...

<https://www.facebook.com/groups/1375139942519883>





next exit

WRAP
IT UP

THANK

For Attending

YOU