

February Drone Club

Presentation: Flying in Cold Weather

We Meet the 4th Monday @7PM CTAC Room 104

WELCOME TO VISITORS AND NEW
MEMBERS. INTEREST - DRONES.



21 JAN 2024, 21 DEGREES
AND 25 MPH WINDS. BEING
CRAZY, THIS IS HOW I
DRESS. PHOTO FROM DJI
MINI 3.



VIEW FROM CART, FOAM BOARD ON SMOOTH ICE



MORE WHAT WE THINK OF AS COLD WEATHER!

WIND CHILL IS A BIG FACTOR!





IT DOES
NOT HAVE
TO BE
WHITE OUT
TO BE
COLD.



DRINKWATER CROSSES ROBSON BLVD

POINTS TO CONSIDER:

- YOUR DRESS, ESPECIALLY HANDS (GLOVES WITH TOUCH TIPS).
- PHONE, IPAD, TABLET.
- CONTROLLER.
- DRONE BATTERIES.
- DRONE ELECTRONICS





CHECK
TEMPERATURE
AT THE
ALTITUDE YOU
WILL FLY.
TRACK NIGHT
WEATHER.
YOU WILL NOT
SEE RAIN,
SNOW OR
SLEET
COMING.



DRY AT TAKEOFF
BUT...

SLEET COMING IN, ICE BUILDING ON DRONE, GIMBAL STARTED JUMPING.





**GIMBAL JUMPING
AND MANUAL FLIGHT
BACK AFTER
GETTING CAUGHT IN
SLEET. NOTE SHEET
ICE ON THE STREET.
PRETTY COLD AND
WIND CLEARING THE
ROOFS. SHOULD
NOT HAVE FLOWN!**



LANDING ON AN ICE
COATED PAD CAN
BE TRICKY. ICE
SUCKED UP INTO
THE DRONE, CHIPS
FLIPPED UP IN THE
PROPS AND
SKIDDING OFF THE
PAD INTO SLEET
COVERED GRASS.



LANDED, BUT GIMBAL STILL JUMPING! SHOULD HAVE REPLACED,
BUT TOOK NIGHT FLYING LATER.



GET A DRONE WET AND THEY CAN GET VICIOUS, SUDDENLY NO CONTROL!







GUSTS 25 - 30 MPH, CLEAR AIR, BUT HARD ON THE DRONE.





HORIZON TILT IS FROM WIND, BEYOND DRONE'S LIMITS.







An aerial photograph showing a vast, dry, and brown landscape, likely a field or golf course, under a hazy, overcast sky. A small white drone is visible in the middle ground. In the distance, a house and some trees are visible on the right side. The overall scene conveys a sense of environmental dryness and poor visibility.

SMOG CAN BE AS BAD AS RAIN OR SNOW FOR VISIBILITY.



GREAT WAY TO START OR END YOUR DAY!!!





- Mike Montefusco, Robson Ranch resident, FAA flight instructor (CFII), gyro builder, owner and pilot, will be presenting **Gyrocopters: Letting the Air Do the Work!** on Monday, March 25, 2024 at the RR Drone Club monthly meeting. Mike will give us a brief history of gyrocopters, how they fly, and how his gyrocopter got built in early 2019. It should be a most interesting, enthusiastic, informative and fun program. Please join us...