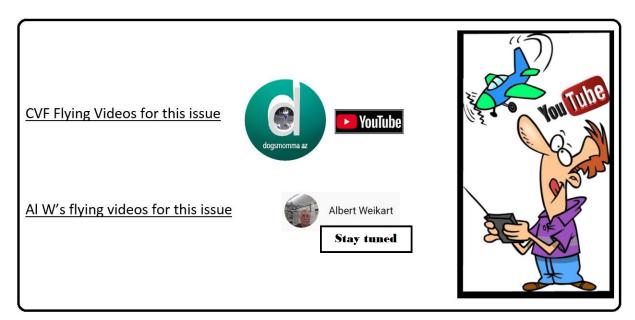


Northern Arizona's Premier RC Club!









MORE RANDOM PHOTOS

















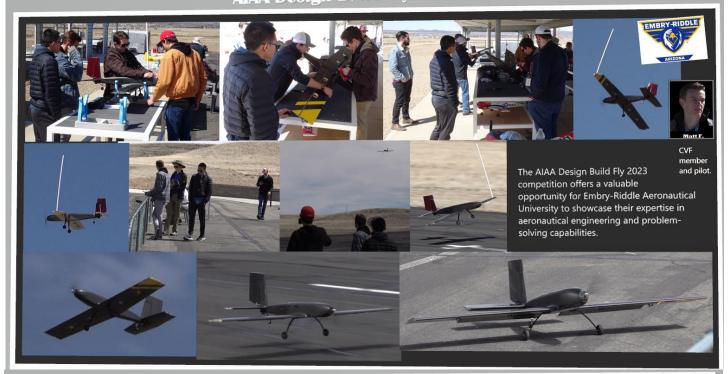








AIAA Design Build Fly 2023 Competition



Embry-Riddle Aeronautical University is competing in the AIAA Design Build Fly 2023 competition, where teams must design, build, and fly remote-controlled aircraft in three mission scenarios. The aircraft must be propeller-driven, electric-powered, and meet all safety and battery requirements. Teams must use the same aircraft and battery type for the entire competition, with a total stored energy not exceeding 100 Watt-hours.

Mission 1, Staging Flight, requires no payload and teams must complete three laps within a 5-minute flight window. The aircraft must pass over the start/finish line mid-air to complete a lap.

Mission 2, Surveillance Flight, mandates carrying an Electronics Package as payload. Teams have a 10-minute flight window to complete as many laps as possible. The score is calculated by multiplying the Electronics Package weight by the number of laps flown. Post-flight, payload weight must be equal to or greater than 30% of the gross vehicle weight of the aircraft as flown.

Mission 3, Jamming Flight, involves carrying a simulated Jamming Antenna, represented by a regular PVC pipe, as payload. The PVC pipe must be mounted opposite the flight safety line in the direction of takeoff. Teams have a 5-minute flight window to complete three laps. The score is determined by dividing the PVC pipe length by the mission time.



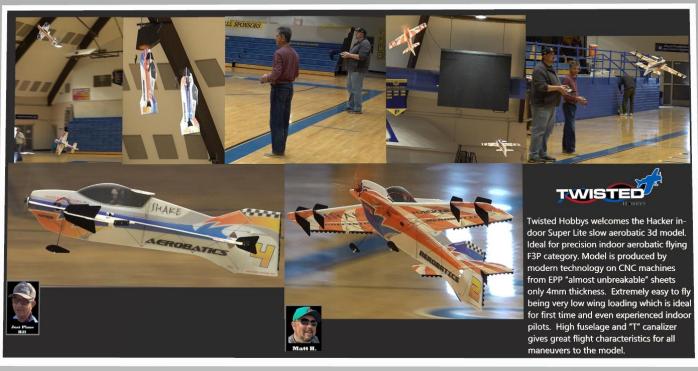






Shake-ing at the GYM





























CHICKEN WINGS

















CHICKEN WINGS







