

S A M S O N



Flying Cars are actually here.

For real this time.







# Name the thing

- Roadable Aircraft = Motorcycle + Aircraft
- Ground Vehicle Classifications
  - NHTSA/FMVSS Motorcycle
- Aircraft Classifications
  - FAA Aircraft categories, Light Sport Aircraft, Experimental, Aircraft is Aircraft

# NHTSA/FMVSS MOTORCYCLE

- Two or Three Wheels.
- Self Certify Equipment Standards.
- Highway and Street Legal.
- Roadable Aircraft are enclosed, roll cage equivalent.
- Roadable Aircraft have safety belts.
- No need for helmets.
- Registered the same as a 3-wheeled Motorcycle/Autocycle





# FAA Aircraft Classifications

- First-Production Roadable Aircraft will be FAA Experimental Aircraft.
- There are more Experimental Aircraft registered per annum than all other General Aviation Certified Aircraft combined.
- Experimental Aircraft, no difference in registration.
- PAL-V will apply to the FAA for Light Sport Aircraft Certification, similar to what they were approved for in Europe.
- Again, no difference in registration.



EXIT

EXIT

WILDLAND FIRE  
SUPPORT VEHICLE  
Columbus Pacific Area

# Things that are not Roadable Aircraft

- Flying Car, a marketing term
- Other vehicles that have different regulatory classifications
- FAA “Advanced Air Mobility”
- NHTSA “Low Speed Vehicle”
- E-VTOL



# Roadable Aircraft = Motorcycle + Aircraft



# Where would you go?

- How did I get to Spaceport America?
- How would I have gotten to Spaceport America, if I had a Roadable Aircraft?
- Albuquerque to Aspen, Colorado.
- No stops.

# Commercial Flight

- 2 hours to airport.
- 4 hour direct flight.
- Rent a Car.
- 3 hour drive to Spaceport America.
- Half the trip =\$322+ in travel, one person.

# Roadable Aircraft All The Way

- 15 minutes to Local Airport.
- 6 Hours, one stop in Bullhead AZ for refuel.
- Land at Spaceport America.
- Less than \$365 in gas.
- Zero other fees.
- Two people.

# Go Skiing

- 20 minutes to airport in Albuquerque.
- 2 Hour flight to Aspen, CO.
- 15 minutes of Driving to a Ski Resort.
- Get your Ski Pass and go!
- \$120 in fuel, for two people.



# And people want Roadable Aircraft?!

- Leisure Travel.
- Business Travel.
- ~~Roadrage~~ Traffic Delays.
- Reservation numbers.

# People do want these.

- Number of reservations for Samson Sky, 2500 and more each day just from PR and Press.
- Expected sales of just Samson Sky's Roadable Aircraft is over 1 million units, per our professional market surveys.
- Jerry Clark, New Mexico- "The vehicle could be parked in my garage, I could drive to the airport when I wanted to fly, and it was a vehicle that could fly outside of my locality. We are lead in many directions in our lives, but when my wife and I got more familiar with this amazing vehicle, both of us became as certain as when we met and were married, that finding a way to put a Switchblade into our future would be a good decision. "
- Larry Neu, Retired NASA Aerospace Engineer, Current Airline Transport Pilot- "Now that I am retired from NASA, I look forward to the day in the very near future when I can jump in my Switchblade, fly where I choose, fold the wings and drive to the nearest location I want to visit. It is the ultimate freedom machine. You can't make this stuff up. Sam is putting the 'buck' back in Buck Rogers."

# People go places

- 1.9 Billion Long-Distance Leisure trips, per year.
  - 50-500 miles, 49% of trips are done by car.
  - 500+ mile trips, 30% are still done by car.
- 500 Million+ Long-Distance Business trips, per year.
  - 250-500 miles, 73% are still done by car.
- Air Travel options
  - Only 61 airports serve 80% of all commercial air travel.
  - 5000+ total useable airports.

# Newton's Third Law foretold Stoplights

- If I left Spaceport America 30 minutes ago,
- War Eagles Museum, North West El Paso.
- Parked off the runway at Holloman AFB. (51mi)
- Driving in Silver City. (77mi)
- Driving in Socorro. (73mi)



# The Roadable Aircraft Ask

1. Registerable and licensable.
2. Allowed to operate.
3. Combined taxes, fees and processes, where able.