



Rotary Club of Centennial Colorado



Centennial, Colorado

November 21, 2017



Tim Jackson from the Colorado Automobile Dealers Association presented on autonomous vehicles. At the present time there is approximately \$1 B spent annually on autonomous aerial vehicles with additional monies being spent on autonomous surface vehicles.

Tim went back and talked about the history of the automobile, specifically about Henry Ford. Henry Ford created the assembly line for producing cars. His goal was to produce a car that the workers in his factories could afford to buy. One of the things Ford did, even before the creation of the assembly line, was the development of a dealer network. There is a dealer in Montrose that goes back to one of the original Ford dealerships. Interestingly, there was a Ford factory at I-25 and Broadway.

Traffic fatalities are down from what they were a few years ago. In 1972 there were approximately 52,000 traffic fatalities. In 2016, there were about 56,000 traffic fatalities, but it does not represent the improved safety in the current cars. About 100 million miles are driven today for each traffic fatality.

Research is being done on different fuel types for cars. Research is being done on natural gas cars, electric cars, and cars using either fuel cells and/or Hydrogen.

Current electric car purchasers can get incentives from the Federal government, state government, and on income taxes. A \$35,000 car with incentives can be as little as \$10,000.

The development of electric cars is creating a problem for maintaining our highway system. The Federal Highway Trust Fund has been used to pay for the interstate highway system. With electric

cars not using gasoline, they are not paying into the trust fund through fuel taxes. This is going to drain the trust fund and make it difficult to maintain the highways. It is estimated that by 2030, 85 percent of the vehicles on the highways will be electric.

There are five levels of autonomous vehicles. A level one autonomous vehicle is one with accommodating cruise control where your vehicle will slow or speed up depending the speed of the vehicle in front of you. It will also put on the car's brakes if the car gets too close to the car in front. A level five autonomous vehicles in one that is fully autonomous. A level three autonomous vehicle is one where it has accommodating cruise control along with sensors for vehicles approaching on the sides and detecting lane changes. It is estimated if level three vehicles were universal, the number of traffic accidents would be reduced by 87 percent.



Our Roxy Hann gave the Business Minute. She talked about Centennial Airport where she is the CFO. Centennial Airport generates \$1.34 B in economic impact, roughly 27 percent of the state GDP. It is home to 1,000 based aircraft, 7 flight schools, 5 med-vac companies, a new electric aircraft and Boom Aero, the company leading the development of the next supersonic passenger aircraft.

Centennial Airport is also home to the new Wings Over the Rockies Exploration Flight Center. It is scheduled to open in summer of 2018. It will be the home of a new STEM charter school based on aviation. It will be for grades 6—12.

The 50th Anniversary of Centennial Airport will be this next year. There will be a special event at the Denver Marriott Hotel on May 25, 2108. The guest speaker will be Captain 'Sully' Sullenberger, the pilot of US Airways flight 1549 that landed on the Hudson River with no loss of life. Individual tickers are \$250.

2015-2016 Club

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UPCOMING EVENTS

11/28-KEVIN SKEENS, THE
CHILDREN'S FOUNDATION

11/29-PRIME TIMERS HAPPY
HOUR

12/2-HOLIDAY PARTY

12/5-ANNUAL MEETING

12/6-BOARD MEETING

12/9-10-CHRISTMAS TREE PRO-
JECT

12/12-LT. COL ERIC HAUFF,
DIR INT'L BUSINESS DEV; SIER-
RA NEVADA

12/13-SANTA CLOTHES, KOHLS
7 AM

CLUB BUSINESS

- K Hope gave a summary of the Christmas Tree Project. 12/9 will be sorting of Christmas ornaments and putting them in boxes. This will be at Arapahoe Library offices on Bronco Parkway. 12/10 will be the giving of the trees. Approximately 100 trees will be given away.
- D Zing gave a summary of Santa Clothes. She will be sending out a club wide e-mail summarizing everything.
- 12/2 will be the Holiday Party at the Heritage Eagle Bend clubhouse.

TRAVEL GIFTS

- J Reagan brought in a bottle of Merlot wine from One Hope
- B Medina brought in a shawl from Nepal