Flying Electric Aircraft; What's the Difference?

By
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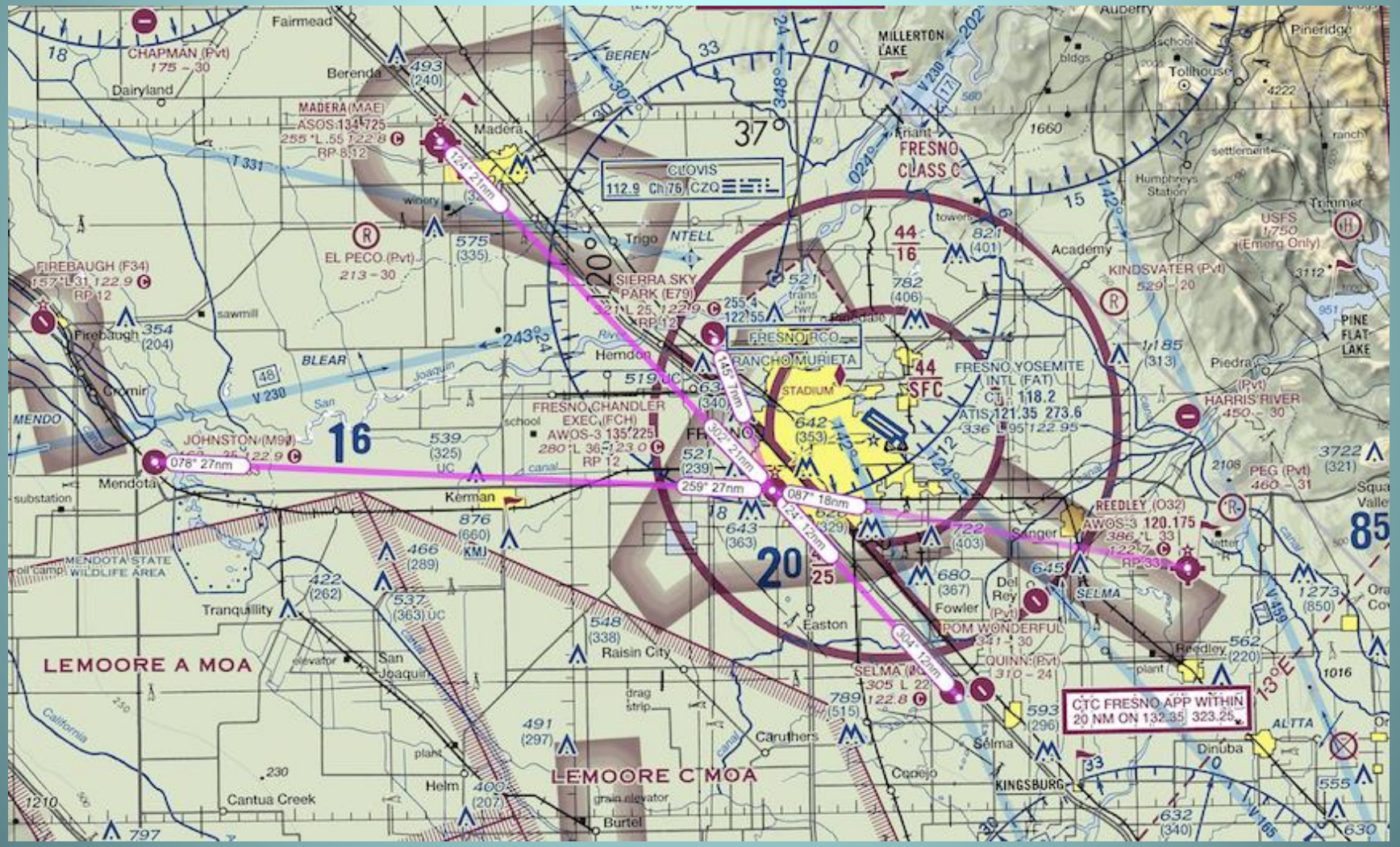
Flight Operations



Experience to Date

- Aircraft arrived in March 2018 and we have accumulated over 220 hours of flight time without incident and traveled over 3,000 nm in the aircraft.
- Aircraft have been flown by professional airline pilots, an FAA test pilot, been evaluated by engineers from FAA and many aircraft companies engaged with developing advanced electric aircraft.
- Completed cross-country flight in 2021 using solar power only for charging and covered 227.9 nm using 66.4 kWh of power for an average of 3.43 nm/kWh fuel economy at an average airspeed of 60 kts.

Community Benefits

- No engine run-up required before take-off.
- Prop stops while waiting to take-off.
- Silent in traffic pattern at 1,000 ft. AGL.
- 71 db at 275 feet from runway centerline during full power take-off; Cessna 172s had a consistent noise level of 80 db during take-off..

Crew Benefits

- Noise levels low enough to remove headset and talk!
- Smooth and relaxing operation.

Potential Risks

- No engine noise during initial start-up could be a hazard to anyone walking up to aircraft.
- People walking on ramp areas may not hear the planes approaching from behind.

Questions?