

The Magic of WAAS (Wide Area Augmentation System)

We know there are satellites up there, but that is only good enough for navigating your car. Pilots and the FAA really rely on even more precise GPS WAAS location data. Add some different satellites and some ground stations and lots of math and we get WAAS precision. The WAAS system was developed right here in Fullerton at Hughes Aircraft (now Raytheon). Discover how this enhanced system really works, beyond just the magic box that drives a display on the panel.

Ray Stratton is a local pilot and President of the Smoke Eagles Flying Club. Prior to retirement, he worked at Hughes Aircraft on projects involving navigation systems.

Meeting room is the main facility for Hangar 21, where Magnolia Ave ends at Commonwealth Ave. This program will last approximately 1.5 hours.

A message from the National FAASTeam Manager

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Event Details

Tue, Jun 17, 2025 at 19:00 PDT

Hangar 21

3815 W Commonwealth Ave

Fullerton, CA



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Lead Representative Mike Jesch
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