Aeronautics’ Agenda

- Discuss California’s multi-modal transportation system
- Division of Aeronautics Mission, Offices & Partners
- Importance of Aviation to California
- Caltrans’ interest in operating UAS
- Discuss potential UAS applications
- Are UAS operations a threat to the public?
- State Aviation related Legislation for 2015
- FAA UAS related actions
Caltrans Mission

- Provide a safe, sustainable, integrated and efficient (multi-modal) transportation system to enhance California’s economy and livability.
  - Caltrans maintains 265 State highways with 15,104 centerline miles (51,326 lane miles) supporting over 32.5M registered vehicles and 24.6M licensed drivers who traveled >178B miles!
  - Caltrans owns nearly 120 PAX cars & locomotives and partners with AMTRAK to provide rail service to 5.3M PAX/year covering >467.2M mi/year over nearly 1000 mi. of track.
  - CA has 246 public-use airports supporting nearly 30,000 certificated aircraft and 61,100 FAA certified pilots. 28 Commercial Service airports provided transportation to 188.0M PAX.
Division of Aeronautics Mission

- Foster the development California’s air transportation system of **244 public-use airports**
- Foster and **promote safety** in aeronautics.
- **Encourage** the development of private flying and the general **use of air transportation**.
- Effect uniformity of the **laws and regulations** relating to aeronautics consistent with federal aeronautics laws and regulations.
- Introduce **context-sensitive, sustainable solutions** to incompatible land use development projects near airports
Division of Aeronautics Offices

Division of Aeronautics – Three Offices and Four Specialty Areas:

- Office of Airports
- Office of Aviation System Planning
- Office of Technical Services & Programs
- Other Specialty Areas:
  - Funding for Grants & Loans
  - Aviation Noise
  - Environmental Review
  - Legislative News & Information
Division of Aeronautics Aviation Partners

**State:**
- Department of Education (DOE)
- Department of Fish and Game (DF&G)
- California Energy Commission (CEC)
- Governor’s Office of Planning and Research (OPR)
- Governor’s Office of Emergency Services (OES)

**Federal:**
- Federal Aviation Administration (FAA)
- U.S. Department of Defense (DOD)
- U.S. Department of Agriculture (USDA) – Wildlife Services
- U.S. Department of Transportation (USDOT), Transportation Research Board (TRB) – Airport Cooperative Research Program (ACRP)

**Non-Government Aviation Organizations:**
- National Association of State Aviation Officials (NASAO)
- National Air Transportation Association (NATA)
- National Business Aircraft Association (NBAA)
- Airplane Owners & Pilots Association (AOPA)
- Association of California Airports (ACA)
- California Airports Council (CAC)
- California Pilots Association (CPA)
- Various universities and other stakeholders
Why Aviation is Important to California?

*Aviation is vital for California!*

- Provides for commerce centers that are vital for the movement of goods and people
- Contributes nearly 9 percent of California’s employment and output – direct and indirect spending:
  - Contribution to the U.S. Gross Domestic Product: $154.7 billion (4.8 percent)
  - Contribution to the U.S. employment: 1.1 million jobs (5.5 percent)
  - 59,841 active licensed pilot community (11 percent of U.S. total)
  - 29,211 registered aircraft (10 percent of U.S. total)
Why Aviation is Important to California?

- Airports facilitate international and domestic trade
- They are necessary for “just-in-time” production and delivery
- Each airport is an essential component of the State’s emergency response and disaster recovery operations
- Aviation provides convenient and affordable air travel for tourists, as well as access for companies to conduct business in your local community
Unmanned Aircraft Systems

- Caltrans’ interest in operating UAS
- Discuss potential UAS applications
- Are UAS operations a threat to the public?
- State Aviation related Legislation for 2015
- FAA UAS related actions

- Video clip #1: https://www.youtube.com/watch?v=YE34BJYmLm8
- Video Clip #2: https://www.youtube.com/watch?v=XuQUuE0DdfA
- News Article: http://www.flyingmag.com/technique/accidents/faa-investigating-reported-uav-collision-piper-twin?cmpid=enews090115&spPodID=030&spMailingID=23406015&spUserID=MTE2MTMxOTk3MjcwS0&spJobID=640106890&spReportId=NjQwMTA2ODkwS0
Your aviation resources are only a click away!

Visit the Division of Aeronautics web site to learn more.

www.dot.ca.gov/aeronautics