



LAX Community Noise Roundtable

Aviation Noise News Update

September 9, 2015

Update on the 2015 FAA Reauthorization Bill



- **At an August 2015 meeting with aviation industry leaders and elected officials, U.S. Transportation Secretary Anthony Foxx said that he believes that the Federal Aviation Administration (FAA) reauthorization bill will not be passed before the September 30, 2015 deadline**
- **“I think it’s fair to say that it will be a challenge to get it done before (then),” Foxx said. He said he expects that there will be a short-term extension. The aviation industry supports a long-term FAA reauthorization, citing that it brings certainty to the business**
- **In a related matter, U.S. Senator Chuck Schumer (D-NY) has indicated that he will attach an amendment to the FAA bill that “would require manufacturers to implement geo-fencing technology . . . on all drones in order to prevent them from flying into ‘No Fly Zones,’ like airports.”**

<http://www.kansas.com/news/business/aviation/article31513874.html>

<http://www.brooklyneagle.com/articles/2015/8/20/schumer-proposes-new-law-virtually-eliminate-chance-drones-crashing-planes/>



The Design of the New Boeing 777-9 Airliner is Set

- **Boeing said it has set the “firm configuration” for 777-9 aircraft, which is a 400-to-425-seat variant of the current 777**
- **“The team has followed a disciplined process to complete all of the requirements for this stage of the program,” said Bob Feldmann, Boeing’s 777X program vice president and general manager.**
- **Boeing has 306 firm orders for 777-9/8s from Lufthansa, All Nippon Airways, Cathay Pacific, Emirates, Etihad and Qatar Airways**
- **Production of the 777-9 is scheduled to begin in 2017 with deliveries beginning in 2020**
- **The list price is \$400 million**



Photo Credit: Boeing



FedEx Hosts Airline Summit on NextGen

- On August 19th, FedEx convened a summit of over 50 airline officials and vendors at its Memphis control center to help them prepare for the transition to NextGen technology by January 1, 2020
- Participating airlines included British Airways, Air Canada, Delta, American, United, Southwest, JetBlue, Alaska and others
- FedEx has been an industry leader in conducting flight test trials and adopting NextGen measures including “. . .text-messaged flight directions, reduced separation between jets on takeoff and landing and more efficient spacing of planes on taxiways.”
- FedEx's Boeing 777s and 767s come equipped with the NextGen technology, while the company is pursuing upgrades for its older aircraft



Photo Credit: AviationPros.com

International Passengers Are Driving LAX Growth



- While Domestic passengers grew by only 3.7 percent from July 2014 to July 2015, International passengers grew by 12 percent during that same period
- More than 7.3 million total passengers (international and domestic) used LAX in July 2015, which is a 5.9 percent increase over the same period last year
- Aircraft operations during that same period increased *less than one percent*
- At this pace, LAX's total passenger traffic for 2015 will surpass the record of 70.6 million passengers set last year



Photo Credit: Alan Wilson

Plan Released to Cut Chicago O'Hare Noise Levels



- **Mayor Rahm Emanuel released a plan to address growing community concerns regarding noise levels from aircraft operations at Chicago's O'Hare International Airport. The plan includes:**
 - Rotating runway use at night to “spread out” the noise
 - Seeking a change in federal rules to replace or supplement sound insulation measures on about 200 previously treated homes
- **Community requests to keep two diagonal runways open, implementing a mandatory “fly quiet” program, rotating daytime runway use, and delaying or canceling construction of a new runway and runway extension were denied by the City**
- **Aviation Director Ginger Evans said that the City is also working “. . .to create a ‘live chat’ online site and mobile apps for reporting airplane noise.”**

ACRP Research Projects for Fiscal Year 2016



- In August 2015, the National Academy of Sciences announced the approved projects for the Airport Cooperative Research Program (ACRP) for Fiscal Year (FY) 2016
- There are 17 projects approved for FY2016 cover a wide range of topics ranging from technology solutions for ADA travelers to incorporating client resiliency into airport management systems
- None of the 17 projects are specifically focused on aircraft noise
- One project, Update Guidebook for Managing Small Airports updates a previous guidebook that touched on aircraft noise and land use compatibility
- Request for Proposals for the Fiscal Year 2016 ACRP projects will be released beginning in November 2015

Ongoing ACRP Aircraft Noise Research Projects



- **There are several ongoing ACRP projects regarding aircraft noise:**
 - **02-44 Helicopter Noise Modeling Guidance – Completion Fall 2015**
 - **02-47 Assessing Aircraft Noise Conditions Affecting Student Achievement--Case Studies – Completion Spring 2016**
 - **02-48 Assessing Community Annoyance of Helicopter Noise – Completion Summer 2016**
 - **02-51 Evaluating Methods for Determining Interior Noise Levels Used in Airport Sound Insulation Programs - Completion Fall 2015**
 - **02-52 Improving AEDT Noise Modeling of Hard, Soft, and Mixed Ground Surfaces - Completion Fall 2016**
 - **02-55 Enhanced AEDT Modeling of Aircraft Arrival and Departure Profiles – Completion Winter 2015**