



LA/OntarioInternational
Los Angeles World Airports

LA/Ontario International Airport (ONT) Part 150 Noise Exposure Map Update

Harris Miller Miller & Hanson Inc.
Public Workshop
May 1, 2014

Meeting Agenda

- **What is Part 150?**
- **Land Use Compatibility**
- **History of ONT Part 150**
- **Funding of Residential Mitigation**
- **NEM Update Process**
- **Project Schedule**
- **Project Team - Roles and Responsibilities**
- **Public Workshop Structure**

What is a Part 150 Study?



Federal Aviation
Administration

- **Code of Federal Regulations (14 CFR) Part 150, “Airport Noise Compatibility Planning”**
 - Voluntary federal program
 - Sets national standards for analysis
 - Over 250 airports have participated
 - Provides access to federal funding
 - Funding primarily associated with Residential Sound Insulation or Acquisition (up to 80% of project costs)
- **Two principal Part 150 elements**
 - Noise Exposure Map or NEM
 - Noise Compatibility Program or NCP

Part 150 NEM

- **The NEM describes:**
 - **Airport layout and airport operation**
 - **Land uses in the airport environs**
 - **Noise/land use compatibility**
 - **Aircraft noise exposure contour maps**
 - **Base Year (year of submission)**
 - **Forecast Year (5-year forecast)**

Part 150 NCP

- **NCP includes proposed actions to minimize existing and future noise/land use incompatibilities**
 - **Noise abatement measures**
 - **Noise mitigation or compensation measures**
 - **Preventive land use measures**
 - **Program management measures**

Land Use Compatibility

- **Part 150 includes compatibility guidelines**
 - Residential uses within 65 dB CNEL considered incompatible with airport operations
- **Part 150 focuses on “noise sensitive” land uses within 65 CNEL contours**
 - Noise sensitive land uses include:
 - Residential
 - Schools and places of worship
 - Nursing homes, hospitals

CNEL – Community Noise Equivalent Level

History of Part 150 at ONT

- **Los Angeles World Airports (LAWA) completed ONT Part 150 study in 1990**
- **Federal Aviation Administration (FAA) published the Letter of Acceptance for the NEM in 1991**
- **FAA published the Record of Approval (ROA) for the NCP in 1991**
 - **22 Measures in ONT Part 150 NCP**
 - 12 approved by FAA
 - 10 not approved by FAA
 - **One disapproved NCP measure resubmitted by LAWA and FAA approved in an amendment to the ROA in 1994**

Funding of Residential Mitigation

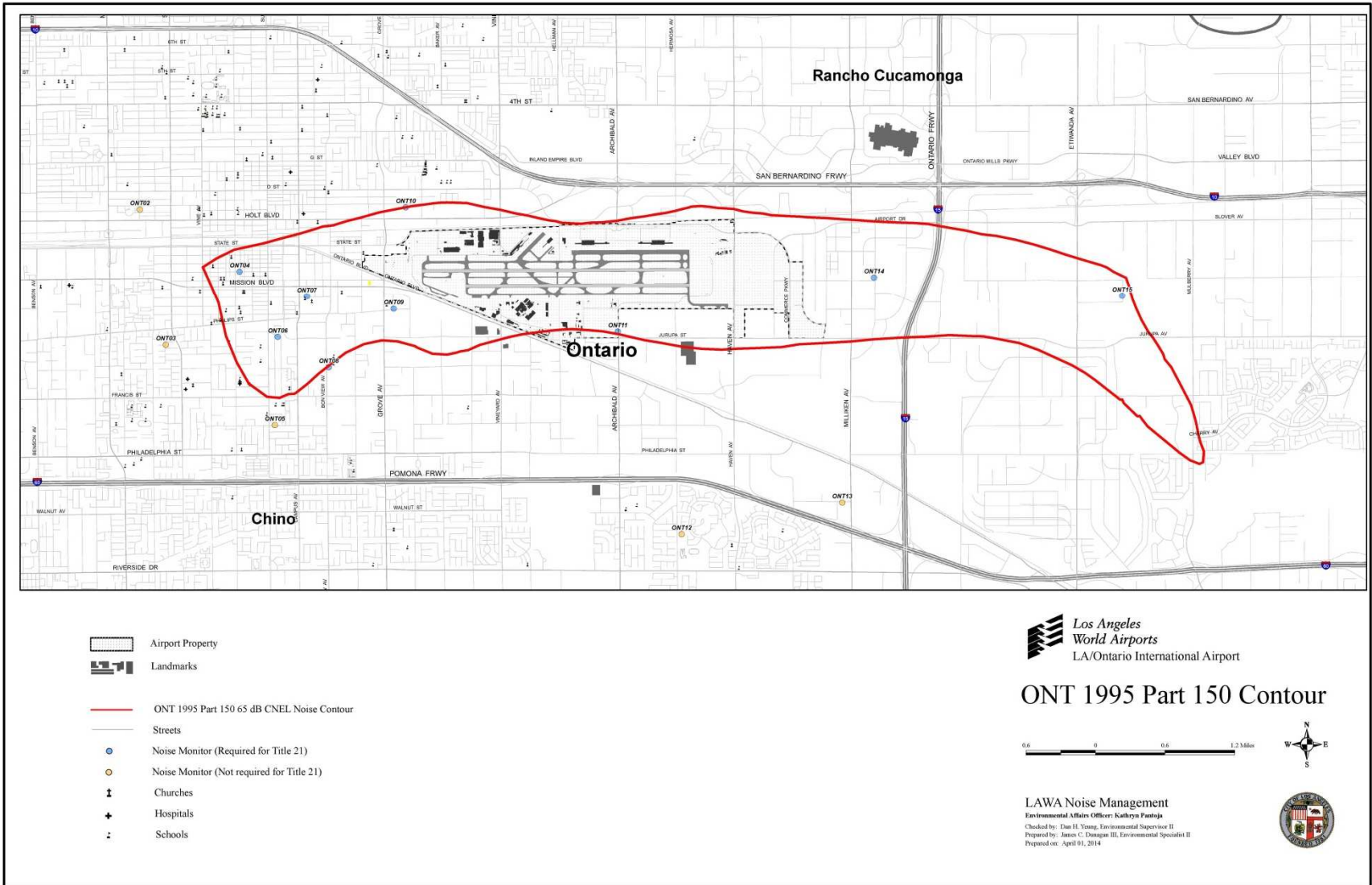
- **Residential Mitigation under Part 150 and the Airport Improvement Program (AIP)**
 - **Managed by City of Ontario Quiet Home Program**
 - **Sound Insulation**
 - 1,485 homes treated (~5,600 residents)
 - FAA AIP funding - \$38 million
 - LAWA funding - \$12 million
 - **Land Acquisition/Recycling**
 - 307 homes acquired (~1,130 residents)
 - FAA AIP funding - \$42 million
 - LAWA funding - \$36 million
- **NEM update for continued federal funding**

FAA no longer funding mitigation using existing NEM

Part 150 Noise Exposure Map or NEM Update

- **The NEM Update to include:**
 - Review of implementation status of NCP
 - Current airport layout and airport operation
 - Current noise/land use compatibility
 - Aircraft related noise exposure
 - Forecast of aircraft operations
 - Two noise exposure contour maps
 - Year of submission to FAA - 2015
 - Five-year forecast - 2020

Existing ONT NEM for 1995



Data Requirements for NEM Update

- **Airport configuration**
- **Annual average aircraft operations for existing and five-year forecast**
 - Aircraft types
 - Number of operations by time of day
- **Runway utilization**
- **Aircraft flight tracks**
- **Annual average weather**
- **Land use and population**

Project Schedule

Date	Milestone
March 2014	Project Kickoff
May 2014	Public Workshop 1 – project introduction and public input
August 2014	Develop forecast of aircraft operations and noise model inputs
November 2014	Draft NEM contours
December 2014	Draft NEM report
February 2015	Submit draft study to FAA for review
August-September 2015	Begin 30-day public review period Public Workshop 2 – present results
November 2015	Submit NEM update to FAA for acceptance

Project Team

- **LAWA Staff**
 - **Jess Romo – Airport Manager**
 - **Scott Tatro – Airport Environmental Manager**
 - **Kathryn Pantoja – Environmental Affairs Officer**
 - **David Chan – LAWA Project Manager**
- **Consultant Team Members**
 - **HMMH – Project Management/NEM Development**
 - **Gene Reindel, Bob Behr, Rhea Gundry**
 - **ICF/SH&E (forecasting)**
 - **Peter Stumpp**
 - **CommuniQuest (outreach)**
 - **Christine Eberhard**

Roles and Responsibilities

- **Project Sponsor (LAWA)**
 - Directs NEM update and consultant team
 - Submits NEM to FAA for acceptance
- **FAA**
 - Provides funding
 - “Accepts” NEM
- **Consultant Team**
 - Conducts technical work
- **Local Government**
 - Cooperates with implementation of land use measures

Today's Public Workshop

- **Workshop stations include:**
 - **Part 150 regulation and NEM Update process**
 - **Bob Behr (HMMH)**
 - **Technical work - noise modeling**
 - **Rhea Gundry (HMMH)**
 - **Aircraft operations forecasting**
 - **Peter Stumpp (ICF/SH&E)**
 - **Public comments**
 - **Christine Eberhard (CommuniQuest)**

Comments and Project Information

- **Written comments**

- **Comment station or Mail to:**

- LA/Ontario International Airport NEM Update Comments
c/o David Chan

- Los Angeles World Airports

- Environmental Services Division

- P.O. Box 92216

- Los Angeles, CA 90009-2216

- **Email to: ontpart150nemupdate@lawa.org**

- **Website**

- <http://www.lawa.org/ONTPart150.aspx>

- **Comment line**

- **Toll-Free Line: 1-855-279-4698**