Akron-Canton Airport
Part 150 Update
2014 and 2019 Noise Exposure Maps and Revised Noise Compatibility Program

Draft – October 2014

Prepared for:
Akron-Canton Airport Authority

Prepared by:
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Akron-Canton Airport

Part 150 Update

2014 and 2019 NOISE EXPOSURE MAPS and REVISED NOISE COMPATIBILITY PROGRAM

HMMH Report No. 305231

Public Review Draft

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CERTIFICATION

This is to certify the following:

(1) The revised Noise Exposure Maps, and associated documentation for Akron-Canton Airport submitted in this volume to the Federal Aviation Administration under Federal Aviation Regulations Part 150, Subpart B, Section 150.21, are true and complete.

(2) Pursuant to Part 150, Subpart B, Section 150.21(b), all interested parties have been afforded adequate opportunity to submit their views, data, and comments concerning the correctness and adequacy of the draft Noise Exposure Maps, and of the descriptions of forecast aircraft operations.

(3) The “2014 Noise Exposure Map with the Existing Noise Compatibility Program” (Figure 36 on page 95) accurately represents existing conditions for calendar year 2014.

(4) The “2019 Noise Exposure Map with the Existing Noise Compatibility Program” (Figure 37 on page 97) accurately represents five-year forecast conditions for calendar year 2019.

(5) Figure 65 on page 221 accurately represents the “2014 Noise Exposure Map with Revised Noise Compatibility Program,” reflecting existing conditions if the FAA approves the recommended Noise Compatibility Program revisions.

(6) Figure 66 on page 223 accurately represents the “2019 Noise Exposure Map with Revised Noise Compatibility Program,” reflecting five-year forecast conditions if the FAA approves the recommended Noise Compatibility Program revisions.

By: __________________________________________

Title: __________________________________________

Date: __________________________________________

Airport Name: Akron-Canton Airport

Airport Owner/Operator: Akron-Canton Airport Authority

Address: 5400 Lauby Rd #9
          North Canton, Ohio 44720
## TABLE OF CONTENTS

1  INTRODUCTION .................................................................................................................. 1

1.1 Part 150 Overview .................................................................................................................. 1
1.1.1 Noise Exposure Map(s) .......................................................................................................... 2
1.1.2 Noise Compatibility Program .................................................................................................. 2

1.2 Project Roles and Responsibilities .......................................................................................... 5
1.2.1 Akron-Canton Airport Authority ............................................................................................ 5
1.2.2 Part 150 Update Study Advisory Committee .......................................................................... 5
1.2.3 Federal Aviation Administration ............................................................................................ 5
1.2.4 Consulting Team ..................................................................................................................... 6

1.3 Public Consultation .................................................................................................................. 6

1.4 FAA Noise Exposure Map and Noise Compatibility Program Checklists .................................. 6

2  INTRODUCTION TO NOISE TERMINOLOGY AND EVALUATION .......................... 15

2.1 Introduction to Noise Terminology ...................................................................................... 15
2.1.1 Sound Pressure Level, SPL, and the Decibel, dB ................................................................. 15
2.1.2 A-Weighted Decibel ............................................................................................................. 16
2.1.3 Maximum A-Weighted Sound Level, L_{max} ........................................................................ 17
2.1.4 Sound Exposure Level, SEL ................................................................................................. 18
2.1.5 Equivalent A-Weighted Sound Level, L_{eq} .......................................................................... 19
2.1.6 Day-Night Average Sound Level, DNL or L_{dn} .................................................................. 20

2.2 Aircraft Noise Effects on Human Activity ........................................................................... 22
2.2.1 Speech Interference ................................................................................................................. 22
2.2.2 Sleep Interference .................................................................................................................... 23
2.2.3 Community Annoyance ......................................................................................................... 24

2.3 Effects of Distance and Weather .......................................................................................... 24
2.3.1 Distance-Related Effects ......................................................................................................... 25
2.3.2 Weather-Related Effects ......................................................................................................... 25

2.4 Noise / Land Use Compatibility Guidelines ........................................................................ 26

3  NOISE MEASUREMENTS ................................................................................................. 29

3.1 Measurement Program Objectives ...................................................................................... 29

3.2 Measurement Program Design and Execution ...................................................................... 29
3.2.1 Measurement Site Selection .................................................................................................. 29
3.2.2 Measurement Procedures and Equipment ............................................................................ 30

3.3 Day-Night Average Sound Level Results ............................................................................ 33

3.4 Site-by-Site Results ............................................................................................................... 33
3.4.1 Presentation of L_{max} Measurements ................................................................................. 33
Akron-Canton Airport Part 150 Update Study  Public Review Draft - October 2014
2014 and 2019 Noise Exposure Maps and Revised Noise Compatibility Program  page vi

3.4.2 Presentation of Hourly L_{eq} Results ................................................................. 34
3.4.3 Site 1: 95 Spruce Dr. NW .................................................................................... 35
3.4.4 Site 2: 7601 Pine Ridge St. NW ......................................................................... 42
3.4.5 Site 3: 6167 Redford Rd. NW ........................................................................... 47
3.4.6 Site 4: 3527 Northgate St. NW ........................................................................ 54
3.4.7 Site 5: 2475 Wise Rd. NW ................................................................................ 59
3.4.8 Site 6: 7979 Frank Ave. NW ............................................................................ 63

4 DEVELOPMENT OF UPDATED EXISTING AND FORECAST CONDITIONS NOISE EXPOSURE MAPS .............................................................................................................. 67
4.1 Development of Noise Contours .............................................................................. 67
4.2 Aircraft Flight Operations .......................................................................................... 67
4.3 Aircraft Noise and Performance Characteristics ........................................................ 74
4.4 Airport Physical Parameters ..................................................................................... 74
4.5 Aircraft Maintenance Runup Operations ..................................................................... 76
4.6 Runway Utilization ..................................................................................................... 77
4.7 Flight Track Geometry and Utilization ..................................................................... 79
4.7.1 Flight Track Geometry ........................................................................................ 79
4.7.2 Flight Track Utilization ........................................................................................ 79

5 2014 AND 2019 NOISE EXPOSURE MAPS WITH EXISTING NOISE COMPATIBILITY PROGRAM .......................................................................................................................... 93
5.1 2014 and 2019 Noise Exposure Map Graphics with Existing Noise Compatibility Program 93
5.2 Land Use Compatibility within 2014 and 2019 Noise Exposure Maps with Existing Noise Compatibility Program ................................................................. 93
5.3 Comparison of Measured and Modeled Noise Exposure ......................................... 99
5.4 Comparison of 65 dB DNL Contours for 2014 NEM with Existing NCP to Forecast Cases from Prior Part 150 and 2004 EA ....................................................................................... 101

6 EXISTING FAA-APPROVED NOISE COMPATIBILITY PROGRAM ......................... 105

7 IDENTIFICATION AND ANALYSIS OF EXISTING AND POTENTIAL NOISE ABATEMENT MEASURES ............................................................................................. 107
7.1 Noise Abatement Alternatives Recommended for Consideration by the Advisory Committee or Other Stakeholders ................................................................. 107

7.2 Other Noise Abatement Analysis Steps .................................................................... 107

7.3 Preferential Use of Runway 1-19 over 5-23 .............................................................. 108
7.3.1 Alternative 1: Night Departure Runway Use Changed to Match Night Arrival Use .... 109
7.3.2 Alternative 1A: South-Flow Nighttime Runway Use Changed to Shift Departures from Runway 23 to Runway 19 ................................................................. 113
### 7.3.3 Alternative 2: Night Arrival Runway Use Changed to Match Night Departure Use
117

### 7.3.4 Alternative 3: Day Departure Runway Use Changed to Match Day Arrival Use
121

### 7.3.5 Alternative 4: Day Arrival Runway Use Changed to Match Day Departure Use
125

### 7.3.6 Alternative 5: All Departure Runway Use Changed to Match All Arrival Use
129

### 7.3.7 Alternative 5A: All South-Flow Runway Use Changed to Shift Departures from Runway 23 to Runway 19 on a 24-Hour Basis
133

### 7.3.8 Alternative 6: All Arrival Runway Use Changed to Match All Departure Use
137

### 7.3.9 Summary of Preferential Runway Use Analyses
141

### 7.4 Implementation and Effectiveness of Existing Noise Abatement Measures
141

#### 7.4.1 Existing Measure NA-1: Noise Abatement Departure Profiles / Procedures
141

#### 7.4.2 Existing Measure NA-2: Maximum Climb Departures for Helicopters
142

#### 7.4.3 Existing Measure NA-3: Voluntary Turbojet Restriction of Reverse Thrust at Night
143

#### 7.4.4 Existing Measure NA-4: Runway 23 Turbojet Departures Maintain Runway Heading (Alternative 7)
143

#### 7.4.5 Existing Measure NA-5: Runway 19 Departure Turn to 160° at One Nautical Mile (Alternative 8)
149

#### 7.4.6 Existing Measure NA-6: Designate the Location and Orientation of Engine Runups
153

#### 7.4.7 Existing Measure NA-7: Designate the Location for an Engine Runup Enclosure
153

#### 7.4.8 Existing Measure NA-8: Improve Engine Runup and Taxiing Procedures
154

### 7.5 Part 150 Noise Abatement Alternative Analysis Requirements
154

#### 7.5.1 Airport Layout Alternative (Alternative 9)
156

### 7.6 Noise Abatement Alternatives Suggested by Other Stakeholders
159

#### 7.6.1 Input from Mr. David A. Mucklow
159

#### 7.6.2 Input from Mr. Ronnie and Ms. Cynthia Anderson
159

#### 7.6.3 Discussion of Recommended Alternatives
159

#### 7.6.4 Reduce Dispersion for Runway 1 Departures and Runway 19 Arrivals (Alternative 10)
160

#### 7.6.5 Consider Noise Barriers along I-77 North of the Airport to Wise Road
163

#### 7.6.6 Tree Line Sound Barrier
167

#### 7.6.7 Conclusion of Noise Barrier and Tree Line Sound Barrier Analyses
168

#### 7.6.8 Consider Requesting Military Aircraft to Fly Higher Over Residences
168

#### 7.6.9 Consider Stricter Regulations on Flight Times
168

#### 7.6.10 Consider Stricter Regulation of Flight Patterns
168

#### 7.6.11 Consider Sound-Insulation Treatment of Homes Most Near the Airport
168

### 7.7 Analysis of Combinations Noise Abatement Alternatives
169

#### 7.7.1 Combination 1: Alt. 1A Runway Use Combined with Alt. 7 and 8 Flight Track Use
169

#### 7.7.2 Combination 2: Alt. 5A Runway Use Combined with Alt. 7 and 8 Flight Track Use
173

### 7.8 Summary of Abatement Alternative Noise Benefits
177

### 7.9 FAA Air Traffic Control Tower Manager Feedback
178

### 7.10 Summary of Noise Abatement Recommendations
180

### 8 ANALYSIS OF EXISTING AND PROPOSED COMPATIBLE LAND USE MANAGEMENT MEASURES
181

#### 8.1 Consideration of Part 150 Land Use Alternative Requirements
181

#### 8.1.1 Land Use Compatibility Guidelines
182
8.2 Analysis of the Implementation and Effectiveness of the Existing Land Use Measures ... 182
  8.2.1 Existing Measure LU-1: Acquire in Fee Simple Two Residential Properties within the 65 DNL Noise Contour.......................... 187
  8.2.2 Existing Measure LU-2: Develop a Sound Insulation Program ........................................ 187
  8.2.3 Existing Measure LU-3: Develop and Avigation Easement Program ................................ 187
  8.2.4 Existing Measure LU-4: Pursue Overlay Zoning for One Vacant Parcel in City of Green 188
  8.2.5 Existing Measure LU-5: Acquire Vacant Residentially-Zoned Property in the City of Green and Jackson Township ........................................................................................................ 189
  8.2.6 Existing Measure LU-6: Develop Subdivision Regulations ............................................. 189
  8.2.7 Existing Measure LU-7: Develop Fair Disclosure Regulations ........................................ 190
  8.2.8 Existing Measure LU-8: Comprehensive Planning .......................................................... 190
  8.2.9 Existing Measure LU-9: Capital Improvement Planning .................................................. 191

8.3 Land Use Alternatives Reviewed with the Advisory Committee and Local Jurisdictions. 192
  8.3.1 Assessment within 65 dB DNL Contour ........................................................................ 192
  8.3.2 Assessment within 60 dB DNL Contour ........................................................................ 193
  8.3.3 Advisory Committee Consensus ..................................................................................... 195
  8.3.4 Local Jurisdiction Briefings ......................................................................................... 195

8.4 Summary of Land Use Management Recommendations ................................................. 201

8.5 Implementation of Proposed LU-10, “Airport Overlay Zone” ........................................ 201

9 ANALYSIS OF PROGRAM MANAGEMENT MEASURES ................................................. 203
  9.1 PM-1: Update Noise Complaint Receipt and Response Procedures ................................. 203
  9.2 PM-2: Establish Noise Monitoring System ................................................................. 203
  9.3 PM-3: Public Information and Pilot Outreach .................................................................. 204
  9.4 PM-4: Noise Abatement Contact .................................................................................... 205
  9.5 PM-5: Air Terminal Information Service (ATIS) Advisory ............................................. 205
  9.6 PM-6: Airside Informational Signs .................................................................................... 205
  9.7 Noise Exposure Map and Noise Compatibility Program Review and Revision ............. 206
    9.7.1 Step 1: Conduct a Screening for a Potential 3 dB Change in DNL ......................... 206
    9.7.2 Step 2: Conduct a Screening for a Potential 1.5 dB Change in DNL ..................... 206
    9.7.3 Consult with FAA to and Potentially Conduct a More Refined Screening .............. 207
    9.7.4 Prepare Updated Noise Exposure Maps ................................................................. 207
    9.7.5 Prepare Revised Noise Compatibility Program ......................................................... 207

9.8 Summary of Program Management Recommendations .................................................. 208

10 RECOMMENDED REVISED NOISE COMPATIBILITY PROGRAM AND ASSOCIATED NOISE EXPOSURE MAPS ................................................. 209
  10.1 Noise Abatement Recommendations ............................................................................. 211
    10.1.1 NA-1: Pilots of all turbojet aircraft may voluntarily use recommended noise abatement departure procedures .......................................................... 211
    10.1.2 NA-2: Establish maximum climb departures for helicopters ................................. 211
10.1.3 NA-3: Pilots of all turbojet aircraft may voluntarily restrict the use of reverse thrust activity at night (10:00 p.m. – 7:00 a.m.). ....................................................................................... 211
10.1.4 NA-4: All eastbound turbojet aircraft departing on Runway 23 maintain runway heading until 3 nautical miles from the radar or at 2,500 feet MSL (1,300 AGL). ....................... 212
10.1.5 NA-5: All eastbound turbojet aircraft departing Runway 19 initiate a turn to a heading of 160 degrees at two nautical miles from the radar and maintain heading to four miles. ........ 212
10.1.6 NA-6: Designate the location and orientation of engine runups. ............................... 212
10.1.7 NA-7: Designate the location for an engine maintenance runup enclosure. ............... 213
10.1.8 NA-8: Improve engine runup and taxiing procedures. ................................................ 213
10.1.9 NA-9: Voluntary, informal runway use program, as defined under FAA Order 8400.9, “National Safety and Operational Criteria for Runway Use Programs,” to shift departures from Runway 23 to 19 when operating in the south flow at night. .......................... 213

10.2 Land Use Measures........................................................................................................ 213
10.2.1 Recommended Measure LU-10 .................................................................................. 213
10.2.2 Existing Measures LU-1 through LU-9 ...................................................................... 214

10.3 Program Management Measures .................................................................................. 214
10.3.1 Update Noise Complaint Receipt and Response Procedures..................................... 215
10.3.2 Establish Noise Monitoring System .......................................................................... 215
10.3.3 Public Information Program / Pilot Handouts ............................................................ 215
10.3.4 Designate a Noise Abatement Contact .................................................................... 215
10.3.5 Provide Brief ATIS Advisories, Such as “Noise Abatement Procedures in Effect” on a Voluntary Basis When Time and Space Permit ........................................... 216
10.3.6 Purchase and Install Airside Signs To Advertise NCP Measures............................. 216
10.3.7 NEM/NCP review and revisions .............................................................................. 216

10.4 Program Standards Set Forth in §150.35(b) ................................................................. 217
10.5 Program Standards Set Forth in §B150.5 .................................................................. 217
10.6 2014 and 2019 Noise Exposure Maps with Revised Noise Compatibility Program .... 219
10.7 Land Use Compatibility within 2014 and 2019 Noise Exposure Maps with Revised Noise Compatibility Program ................................................................. 219

11 PUBLIC PARTICIPATION .............................................................................................. 225
11.1 Comments Received During the Study Process ............................................................. 226
11.1.1 Written Comments Received During Evaluation of Alternatives ............................... 226
11.1.2 Written Comment Received at Final Public Hearing ................................................ 226
11.1.3 Other Written Comments Received During Study Process ..................................... 226

APPENDIX A FAA 1989 RECORD OF APPROVAL ON 1988 PART 150 NOISE COMPATIBILITY PROGRAM UPDATE.......................................................... A-1

APPENDIX B FAA 1998 RECORD OF APPROVAL ON 1997 PART 150 NOISE COMPATIBILITY PROGRAM UPDATE ............................................................ B-1

APPENDIX C PART 150 ACTIVITY FORECAST, 2014-2019 ........................................... C-1

APPENDIX D FAA APPROVAL OF PART 150 FORECASTS ........................................ D-1
LIST OF FIGURES

Figure 1    Airport Vicinity Map........................................................................................................ 3
Figure 2    A-Weighting Frequency Response .................................................................................. 17
Figure 3    Variation in A-Weighted Sound Level over Time and Maximum Noise Level .......... 17
Figure 4    Common Environmental Sound Levels, in dBA ............................................................. 18
Figure 5    Graphical Depiction of Sound Exposure Level ............................................................... 19
Figure 6    Example of a 15-Second Equivalent Sound Level........................................................... 19
Figure 7    Example of a Day-Night Average Sound Level Calculation ............................................. 21
Figure 8    Examples of Measured Day-Night Average Sound Levels, DNL .................................... 21
Figure 9    Outdoor Speech Intelligibility.......................................................................................... 22
Figure 10   Sleep Interference ........................................................................................................... 23
Figure 11   Percentage of People Highly Annoyed ........................................................................... 24
Figure 12   Portable Noise Monitoring Sites, June 3 – 10, 2013....................................................... 31
Figure 13   Site 1 Measured Maximum A-Weighted Levels............................................................... 36
Figure 14   Site 1 Measured Hourly Noise Levels (L_{eq}), Full Duration ........................................ 37
Figure 15   Site 1 Measured Hourly Noise Levels (L_{eq}), Calendar Days ......................................... 38
Figure 16   Site 2 Measured Maximum A-Weighted Levels............................................................... 43
Figure 17   Site 2 Measured Hourly Noise Levels (L_{eq}), Full Duration ........................................ 44
Figure 18   Site 2 Measured Hourly Noise Levels (L_{eq}), Calendar Days ......................................... 45
Figure 19   Site 3 Measured Maximum A-Weighted Sound Levels .................................................. 48
Figure 20   Site 3 Measured Hourly Noise Levels (L_{eq}), Full Duration ........................................ 49
Figure 21   Site 3 Measured Hourly Noise Levels (Leq), Calendar Days ........................................... 50
Figure 22   Site 4 Measured Maximum A-Weighted Levels............................................................... 55
Figure 23   Site 4 Measured Hourly Noise Levels (L_{eq}), Full Duration ........................................ 56
Figure 24   Site 4 Measured Hourly Noise Levels (Leq), Calendar Days ........................................... 57
Figure 25   Site 5 Measured Maximum A-Weighted Levels............................................................... 60
Figure 26   Site 5 Measured Hourly Noise Levels (L_{eq}), Full Duration ........................................ 61
Figure 27   Site 5 Measured Hourly Noise Levels (L_{eq}), Calendar Days ......................................... 62
Figure 28   Site 6 Measured Maximum A-Weighted Levels............................................................... 64
Figure 29   Site 6 Measured Hourly Noise Levels (L_{eq}), Full Duration ........................................ 65
Figure 30   Site 6 Measured Hourly Noise Levels (L_{eq}), Calendar Days ......................................... 66
Figure 31   FAA Airport Diagram for Akron-Canton Airport ............................................................ 75
Figure 32  Fixed-Wing Departure Modeling Flight Tracks............................................................... 81
Figure 33  Fixed-Wing Arrival Modeling Flight Tracks................................................................. 83
Figure 34  Fixed-Wing Touch-and-Go Modeling Flight Tracks..................................................... 85
Figure 35  Helicopter Modeling Flight Tracks.............................................................................. 87
Figure 36  2014 Noise Exposure Map with Existing Noise Compatibility Program....................... 95
Figure 37  2019 Noise Exposure Map with Existing Noise Compatibility Program....................... 97
Figure 38  Comparison of 65 dB DNL Contours for 2014 NEM with Existing NCP to Forecast Cases from Prior Part 150 and 2004 EA.................................................. 103
Figure 39  Alternative 1: 2014 DNL with Night Departure Runway Use Changed to Match Night Arrival Use, Compared to 2014 Existing Conditions........................................ 111
Figure 40  Alternative 1A: 2014 DNL with South-Flow Night Runway Use Changed to Shift Departures from Runway 23 to 19, Compared to 2014 Existing Conditions..................... 115
Figure 41  Alternative 2: 2014 DNL with Night Arrival Runway Use Changed to Match Night Departure Use, Compared to 2014 Existing Conditions............................................. 119
Figure 42  Alternative 3: 2014 DNL with Day Departure Runway Use Changed to Match Day Arrival Use, compared to 2014 Existing Conditions...................................................... 123
Figure 43  Alternative 4: 2014 DNL with Day Arrival Runway Use Changed to Match Day Departure Use, Compared to 2014 Existing Conditions...................................................... 127
Figure 44  Alternative 5: 2014 DNL with All Departure Runway Use Changed to Match All Arrival Use, Compared to 2014 Existing Conditions............................................................. 131
Figure 45  Alternative 5A: 2014 DNL with All South-Flow Runway Use Changed to Shift Departures from Runways 23 to 19, Compared to 2014 Existing Conditions......................... 135
Figure 46  Alternative 6: 2014 DNL with All Arrival Runway Use Changed to Match All Departure Use, Compared to 2014 Existing Conditions............................................................. 139
Figure 47  Runway 23 Eastbound Jet Departures Relative to Existing NA-4 Turn Criteria............. 144
Figure 48  Vertical Plot of Points at Which Runway 23 Turbojet Departures Pass Three Nautical Miles from the Radar (Looking Out from the Airport)................................................. 145
Figure 49  Alternative 7: 2014 DNL with All Eastbound Jet Departures on Runway 23 Flying Runway Heading Until Three Nautical Miles from the Radar, Compared to 2014 Existing Conditions.................................................................................................................. 147
Figure 50  Alternative 8: 2014 DNL with All East- and Southbound Jet Departures on Runway 19 Initiating a Turn to 160° at One Nautical Mile from the Radar, Compared to 2014 Existing Conditions ................................................................................................................................. 151
Figure 51  Alternative 9: 2014 DNL with Runway 5 Start-of-Takeoff-Roll Point Displaced 1,250° to the Northeast (Next Taxiway Intersection), Compared to 2014 Existing Conditions........ 157
Figure 52  Alternative 10: 2014 DNL with Reduced Flight Track Dispersion for Runway 1 Departures and Runway 19 Arrivals, Compared to 2014 Existing Conditions.......................... 161
Figure 53  Barrier Analysis Vicinity Map....................................................................................... 163
Figure 54  Part 77 Height Limits.................................................................................................... 164
Figure 55  Line-of-Sight Paths from Runway 19 Departure Ground Roll Segments to Byron Dive
Figure 56  Elevation Profile along a Line from the Middle of Runway 19 Takeoff Ground Roll to the Middle of Byron Drive
Figure 57  Combination 1: 2014 DNL for Alt. 1A Runway Use with Alt.s 7 and 8 Flight Track Use, Compared to 2014 Existing Conditions
Figure 58  Combination 2: 2014 DNL for Alt. 5A Runway Use with Alt.s 7 and 8 Flight Track Use, Compared to 2014 Existing Conditions
Figure 59  Draft FAA Air Traffic Control Tower Noise Abatement Standard Operating Procedures to Implement Revised Runway Assignments and Other Continuing Measures
Figure 60  Parcels Addressed in the 1997 ROA and Off-Airport Parcels Wholly or Partially within the 2014 Existing Conditions 65 dB DNL Contour
Figure 61  2014 Noise Exposure Map with and without Proposed Nighttime Preferential Runway Use and Showing Proposed Airport Overlay Zone
Figure 62  2019 Noise Exposure Map with and without Proposed Nighttime Preferential Runway Use and Showing Proposed Airport Overlay Zone
Figure 63  Draft Language for Implementation of Airport Overlay Zone for Notification Purposes
Figure 64  Noise Abatement Sign Example from Seattle-Tacoma International Airport
Figure 65  2014 Noise Exposure Map with Revised Noise Compatibility Program
Figure 66  2019 Noise Exposure Map with Revised Noise Compatibility Program
LIST OF TABLES

Table 1  Part 150 Noise Exposure Map Checklist ............................................................................ 7
Table 2  Part 150 Noise Compatibility Program Map Checklist .................................................... 11
Table 3  Part 150 Airport Noise / Land Use Compatibility Guidelines ........................................ 27
Table 4  Summary of Noise Measurement Site Visits, June 3 – 10, 2013 ....................................... 33
Table 5  Summary of Day-Night Average Sound Level (DNL) Measurements .......................... 33
Table 6  Forecast 2014 Average Annual Day Operations ............................................................. 68
Table 7  Forecast 2019 Average Annual Day Operations ............................................................. 71
Table 8  Maintenance Runup Modeling Assumptions ................................................................. 76
Table 9  Fixed-Wing Runway Use by Major Aircraft Type Category ......................................... 78
Table 10 Fixed-Wing Backbone Departure Flight Track Utilization Rates, by Runway End .......... 89
Table 11 Fixed-Wing Backbone Arrival Flight Track Utilization Rates, by Runway End .......... 90
Table 12 Civil Fixed-Wing Touch-and-Go Flight Track Utilization Rates, by Runway End ......... 91
Table 13 Ohio Army National Guard Helicopter Flight Track Utilization Rates ......................... 91
Table 14 Residential Land Use within 2014 and 2019 60 to 65 dB DNL Contour Interval by Runway End ..................................................................................................................... 94
Table 15 Comparison of 2014 and 2019 Modeled DNL to Measurements at Six Portable Monitoring Sites ........................................................................................................................................... 99
Table 16 FAA Approval / Disapproval of Previously Noise Compatibility Program Recommendations........................................................................................................... 105
Table 17 Alternative 1: Night Departure Runway Use Changed to Match Night Arrival Use ...... 109
Table 18 Residential Land Uses within 2014 60-65 dB DNL Contours by Runway End for Alternative 1 ................................................................................................................................................. 110
Table 19 Alt. 1A: South-Flow Night Runway Use Changed to Shift Departures from Runway 23 to 19 113
Table 20 Residential Land Uses within 2014 60-65 dB DNL Contours by Runway End for Alternative 1A ............................................................................................................................................... 114
Table 21 Alternative 2: Night Arrival Runway Use Changed to Match Night Departure Use ....... 117
Table 22 Residential Land Uses within 2014 60-65 dB DNL Contours by Runway End for Alternative 2 ............................................................................................................................................... 118
Table 23 Alternative 3: Day Departure Runway Use Changed to Match Day Arrival Use ......... 121
Table 24 Residential Land Uses within 2014 60-65 dB DNL Contours by Runway End for Alternative 3 ............................................................................................................................................... 122
Table 25 Alternative 4: Day Arrival Runway Use Changed to Match Day Departure Use ........... 125
Table 26  Residential Land Uses within 2014 60-65 dB DNL Contours by Runway End for Alternative 4 ................................................................................................................... 126
Table 27  Alternative 5: All Departure Runway Use Changed to Match All Arrival Use........... 129
Table 28  Residential Land Uses within 2014 60-65 dB DNL Contours by Runway End for Alternative 5 ................................................................................................................... 130
Table 29  Alternative 5A: All South-Flow Departure Runway Use Changed to Shift Departures from Runways 23 to 19 .......................................................................................... 133
Table 30  Residential Land Uses within 2014 60-65 dB DNL Contours by Runway End for Alternative 5A ................................................................................................................... 134
Table 31  Alternative 6: All Arrival Runway Use Changed to Match All Departure Use ............. 137
Table 32  Residential Land Uses within 2014 60-65 dB DNL Contours by Runway End for Alternative 6 ................................................................................................................... 138
Table 33  Summary of the Benefits and Costs of Eight Preferential Runway Use Alternatives, Compared to 2014 Existing Conditions Noise Exposure Map .......................................................... 141
Table 34  Residential Land Uses within 2014 60-65 dB DNL Contours by Runway End with All Eastbound Jet Departures on Runway 23 Flying Runway Heading Until Three Nautical Miles from the Radar, Compared to 2014 Existing Conditions .......................................................................................... 146
Table 35  Residential Land Uses within 2014 60-65 dB DNL Contours by Runway End for Alternative 10, “Reduced Flight Track Dispersion for Runway 1 Departures and Runway 19 Arrivals,” Compared to 2014 Existing Conditions .......................................................................................... 160
Table 36  Residential Land Uses within 2014 60-65 dB DNL Contours by Runway End for Combination 1: Alt. 1A Runway Use Combined with Alt.s 7 and 8 Flight Track Use, Compared to 2014 Existing Conditions .......................................................................................... 170
Table 37  Residential Land Uses within 2014 60-65 dB DNL Contours by Runway End for Combination 2: Alt. 5A Runway Use Combined with Alt.s 7 and 8 Flight Track Use, Compared to 2014 Existing Conditions .......................................................................................... 173
Table 38  Summary of Residents within 2014 60-65 dB DNL Contour Intervals by Runway End for All Noise Abatement Alternative Cases and 2014 Noise Exposure Map .......................................................................................... 177
Table 39  FAA Approval of Previously Recommended Land Use Measures .......................................................................................... 182
Table 40  Information on Off-Airport Parcels Wholly or Partially within the 2014 60-65 dB DNL Contours .......................................................................................... 192
Table 41  FAA Approval of Previously Recommended Program Management Measures .......................................................................................... 203
Table 42  Summary of Noise Compatibility Program Recommendations .......................................................................................... 210
Table 43  Residential Land Use within 2014 and 2019 60 to 65 dB DNL Contour Interval by Runway End, with Revised Noise Compatibility Program .......................................................................................... 220
Table 44  Reduction in Residential Land Use within 2014 and 2019 60 to 65 dB DNL Contour Interval by Runway End Associated with Revised Noise Compatibility Program .......................................................................................... 220
# LIST OF ACRONYMS USED IN THIS REPORT

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Full Definition</th>
<th>First Reference or Definition in Document</th>
</tr>
</thead>
<tbody>
<tr>
<td>AEM</td>
<td>Area Equivalent Method</td>
<td>Section 9.7</td>
</tr>
<tr>
<td>ATCT</td>
<td>[Federal Aviation Administration] Airport Traffic Control Tower</td>
<td>Section 1.2.2</td>
</tr>
<tr>
<td>ADO</td>
<td>[Federal Aviation Administration] Airports District Office</td>
<td>Section 1.2.2</td>
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<tr>
<td>ANSI</td>
<td>American National Standards Institute</td>
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<tr>
<td>CAK</td>
<td>Akron-Canton Airport</td>
<td>Section 1</td>
</tr>
<tr>
<td>CFR</td>
<td>Code of Federal Regulations</td>
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</tr>
<tr>
<td>CHA</td>
<td>CHA Consulting, Inc. (formerly RW Armstrong, Inc.)</td>
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</tr>
<tr>
<td>dBA</td>
<td>A-Weighted Decibel</td>
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<tr>
<td>DNL</td>
<td>Day Night Average Sound Level (also $L_{dn}$, as noted below)</td>
<td>Section 2.1</td>
</tr>
<tr>
<td>EA</td>
<td>Environmental Assessment</td>
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<td>FAA</td>
<td>Federal Aviation Administration</td>
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<td>FICAN</td>
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<td>FICON</td>
<td>Federal Interagency Committee on Noise</td>
<td>Section 2.2.3</td>
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<tr>
<td>HMMH</td>
<td>Harris Miller Miller &amp; Hanson Inc.</td>
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<tr>
<td>$L_{eq}$</td>
<td>Equivalent Sound Level</td>
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<tr>
<td>$L_{dn}$</td>
<td>Day Night Average Sound Level (also DNL, as noted above)</td>
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</tr>
<tr>
<td>$L_{max}$</td>
<td>Maximum A-Weighted Sound Level</td>
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<tr>
<td>MSL</td>
<td>Mean Sea Level</td>
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<td>NCP</td>
<td>(Part 150) Noise Compatibility Program</td>
<td>Section 1.1</td>
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<td>NEM</td>
<td>(Part 150) Noise Exposure Map</td>
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<tr>
<td>OANG</td>
<td>Ohio Army National Guard</td>
<td>Section 1.2.2</td>
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<tr>
<td>PAPI</td>
<td>Precision Approach Path Indicator (lights)</td>
<td>Section 4.4</td>
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<td>14 CFR (FAR) Part 150, &quot;Airport Noise Compatibility Planning&quot;</td>
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<td>PASSUR</td>
<td>Passur Aerospace (source of flight track and operations data)</td>
<td>Section 3.2.1</td>
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<td>Record of Approval (for a Part 160 Noise Compatibility Program)</td>
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<td>SEL</td>
<td>Sound Exposure Level</td>
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Note: This table lists acronyms only if they appear without accompanying definitions.