

APPENDIX X: NEM CHECKLIST

**Part 150 NEM Checklist – Part 1
Chandler Municipal Airport**

PROGRAM REQUIREMENT	YES	NO	SUPPORTING PAGES/REVIEW COMMENTS
I. Submitting And Identifying The NEM:			
A. Submission is properly identified:			
1. 14 C.F.R. Part 150 NEM?	Yes		
2. NEM and NCP together?		No	
3. Revision to NEMs FAA previously determined to be in compliance with Part 150?		No	
B. Airport and Airport Operator's name are identified?	Yes		Page 1-3
C. NEM is transmitted by airport operator's dated cover letter, describing it as a Part 150 submittal and requesting appropriate FAA determination?	Yes		
II. Consultation: [150.21(b), A150.105(a)]			
A. Is there a narrative description of the consultation accomplished, including opportunities for public review and comment during map development?	Yes		Pages 7-1 to 7-2
B. Identification of consulted parties:			
1. Are the consulted parties identified?	Yes		Appendix E
2. Do they include all those required by 150.21(b) and A150.105(a)?	Yes		
3. Agencies in 2., above, correspond to those indicated on the NEM?	Yes		
C. Does the documentation include the airport operator's certification, and evidence to support it, that interested persons have been afforded adequate opportunity to submit their views, data, and comments during map development and in accordance with 150.21(b)?	Yes		Page 8-1
D. Does the document indicate whether written comments were received during consultation and, if there were comments, that they are on file with the FAA regional airports division manager?	Yes		Page 7-1 and Appendix I
III. General Requirements: [150.21]			
A. Are there two maps, each clearly labeled on the face with year (existing condition year and one that is at least 5 years into the future)?	Yes		2009 Noise Exposure Map and 2014 Noise Exposure Map
B. Map currency:			
1. Does the year on the face of the existing condition map graphic match the year on the airport operator's NEM submittal letter?	Yes		
2. Is the forecast year map based on reasonable forecasts and other planning assumptions and is it for at least the fifth calendar year after the year of submission?	Yes		
3. If the answer to 1 and 2 above is no, the airport operator must verify in writing that data in the documentation are representative of existing condition and at least 5 years' forecast conditions as of the date of submission?	Yes		Page 6-1

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III. General Requirements: [150.21] [continued]			
C. If the NEM and NCP are submitted together:			
1. Has the airport operator indicated whether the forecast year map is based on either forecast conditions without the program or forecast conditions if the program is implemented?	N/A		
2. If the forecast year map is based on program implementation:	N/A		
a. Are the specific program measures that are reflected on the map identified?	N/A		
b. Does the documentation specifically describe how these measures affect land use compatibilities depicted on the map?	N/A		
3. If the forecast year NEM does not model program implementation, the airport operator must either submit a revised forecast NEM showing program implementation conditions [B150.3(b), 150.35(f)] or the sponsor must demonstrate the adopted forecast year NEM with approved NCP measures would not change by plus/minus 1.5 DNL? (150.21(d))	N/A		
IV. Map Scale, Graphics, And Data Requirements: [A150.101, A150.103, A150.105, 150.21(a)]			
A. Are the maps of sufficient scale to be clear and readable (they must not be less than 1" to 2,000'), and is the scale indicated on the maps? (Note (1) if the submittal uses separate graphics to depict flight tracks and/or noise monitoring sites, these must be of the same scale, because they are part of the documentation required for NEMs.) (Note (2) supplemental graphics that are not required by the regulation do not need to be at the 1" to 2,000' scale)	Yes		2009 Noise Exposure Map and 2014 Noise Exposure Map
B. Is the quality of the graphics such that required information is clear and readable? (Refer to C. through G., below, for specific graphic depictions that must be clear and readable)	Yes		2009 Noise Exposure Map and 2014 Noise Exposure Map

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IV. Map Scale, Graphics, And Data Requirements: [A150.101, A150.103, A150.105, 150.21(a)] [continued]			
C. Depiction of the airport and its environs:			
1. Is the following graphically depicted to scale on both the existing condition and forecast year maps?			
a. Airport boundaries	Yes		2009 Noise Exposure Map and 2014 Noise Exposure Map
b. Runway configurations with runway end numbers	Yes		2009 Noise Exposure Map and 2014 Noise Exposure Map
2. Does the depiction of the off-airport data include?			2009 Noise Exposure Map and 2014 Noise Exposure Map
a. A land use base map depicting streets and other identifiable geographic features	Yes		2009 Noise Exposure Map and 2014 Noise Exposure Map
b. The area within the DNL 65 dB (or beyond, at local discretion)	Yes		2009 Noise Exposure Map and 2014 Noise Exposure Map
c. Clear delineation of geographic boundaries and the names of all jurisdictions with planning and land use control authority within the DNL 65 dB (or beyond, at local discretion)	Yes		2009 Noise Exposure Map and 2014 Noise Exposure Map
D. 1. Continuous contours for at least the DNL 65, 70, and 75 dB?	Yes		2009 Noise Exposure Map and 2014 Noise Exposure Map
2. Has the local land use jurisdiction(s) adopted a lower local standard and if so, has the sponsor depicted this on the NEMs?	No		
3. Based on current airport and operational data for the existing condition year NEM, and forecast data representative of the selected year for the forecast NEM?	Yes		Page 6-1
E. Flight tracks for the existing condition and forecast year timeframes (these may be on supplemental graphics which must use the same land use base map and scale as the existing condition and forecast year NEM), which are numbered to correspond to accompanying narrative?	Yes		2009 Noise Exposure Map and 2014 Noise Exposure Map
F. Locations of any noise monitoring sites (these may be on supplemental graphics which must use the same land use base map and scale as the official NEMs)	Yes		Page 3-11, Noise monitoring conducted for information purposes only. Scale and base map differ from NEM to enhance readability.
G. Noncompatible land use identification:			
1. Are noncompatible land uses within at least the DNL 65 dB noise contour depicted on the map graphics?	Yes		2009 Noise Exposure Map and 2014 Noise Exposure Map
2. Are noise sensitive public buildings and historic properties identified? (Note: If none are within the depicted NEM noise contours, this should be stated in the accompanying narrative text.)	Yes		2009 Noise Exposure Map and 2014 Noise Exposure Map
3. Are the noncompatible uses and noise sensitive public buildings readily identifiable and explained on the map legend?	Yes		2009 Noise Exposure Map and 2014 Noise Exposure Map
4. Are compatible land uses, which would normally be considered noncompatible, explained in the accompanying narrative?	N/A		

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V. Narrative Support Of Map Data: [150.21(a), A150.1, A150.101, A150.103]			
A. 1. Are the technical data and data sources on which the NEMs are based adequately described in the narrative?	Yes		Chapter 5
2. Are the underlying technical data and planning assumptions reasonable?	Yes		
B. Calculation of Noise Contours:			
1. Is the methodology indicated?	Yes		Chapter 5
a. Is it FAA approved?	Yes		Chapter 5
b. Was the same model used for both maps? (Note: The same model also must be used for NCP submittals associated with NEM determinations already issued by FAA where the NCP is submitted later, unless the airport sponsor submits a combined NEM/NCP submittal as a replacement, in which case the model used must be the most recent version at the time the update was started.)	Yes		Chapter 5
c. Has AEE approval been obtained for use of a model other than those that have previous blanket FAA approval?	N/A		Chapter 5
2. Correct use of noise models:			
a. Does the documentation indicate, or is there evidence, the airport operator (or its consultant) has adjusted or calibrated FAA-approved noise models or substituted one aircraft type for another that was not included on the FAA's pre-approved list of aircraft substitutions?	Yes		Page 5-1
b. If so, does this have written approval from AEE, and is that written approval included in the submitted document?	Yes		Appendix B
3. If noise monitoring was used, does the narrative indicate that Part 150 guidelines were followed?	Yes		Page 3-10, Noise monitoring conducted for information purposes only.
4. For noise contours below DNL 65 dB, does the supporting documentation include an explanation of local reasons? (Note: A narrative explanation, including evidence the local jurisdiction(s) have adopted a noise level less than DNL 65 dB as sensitive for the local community(ies), and including a table or other depiction of the differences from the Federal table, is highly desirable but not specifically required by the rule. However, if the airport sponsor submits NCP measures within the locally significant noise contour, an explanation must be included if it wants the FAA to consider the measure(s) for approval for purposes of eligibility for Federal aid.)	N/A		

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V. Narrative Support Of Map Data: [150.21(a), A150.1, A150.101, A150.103] [continued]			
C. Noncompatible Land Use Information:			
1. Does the narrative (or map graphics) give estimates of the number of people residing in each of the contours (DNL 65, 70 and 75, at a minimum) for both the existing condition and forecast year maps?	Yes		Page 6-24
2. Does the documentation indicate whether the airport operator used Table 1 of Part 150?	Yes		Page 6-19 and 6-20
a. If a local variation to table 1 was used:			
(1) Does the narrative clearly indicate which adjustments were made and the local reasons for doing so?	N/A		
(2) Does the narrative include the airport operator's complete substitution for Table 1?	N/A		
3. Does the narrative include information on self-generated or ambient noise where compatible or noncompatible land use identifications consider non-airport and non-aircraft noise sources?	N/A		
4. Where normally noncompatible land uses are not depicted as such on the NEMs, does the narrative satisfactorily explain why, with reference to the specific geographic areas?	N/A		
5. Does the narrative describe how forecast aircraft operations, forecast airport layout changes, and forecast land use changes will affect land use compatibility in the future?	N/A		The forecast 65 DNL contour remains almost entirely on Airport property with the exception of compatible uses on the northeast and southwest side of the airfield.
VI. Map Certifications: [150.21(b), 150.21(e)]			
A. Has the operator certified in writing that interested persons have been afforded adequate opportunity to submit views, data, and comments concerning the correctness and adequacy of the draft maps and forecasts?	Yes		Page 8-1 and 2009 Noise Exposure Map and 2014 Noise Exposure Map
B. Has the operator certified in writing that each map and description of consultation and opportunity for public comment are true and complete under penalty of 18 U.S.C. § 1001?	Yes		Page 8-1 and 2009 Noise Exposure Map and 2014 Noise Exposure Map