

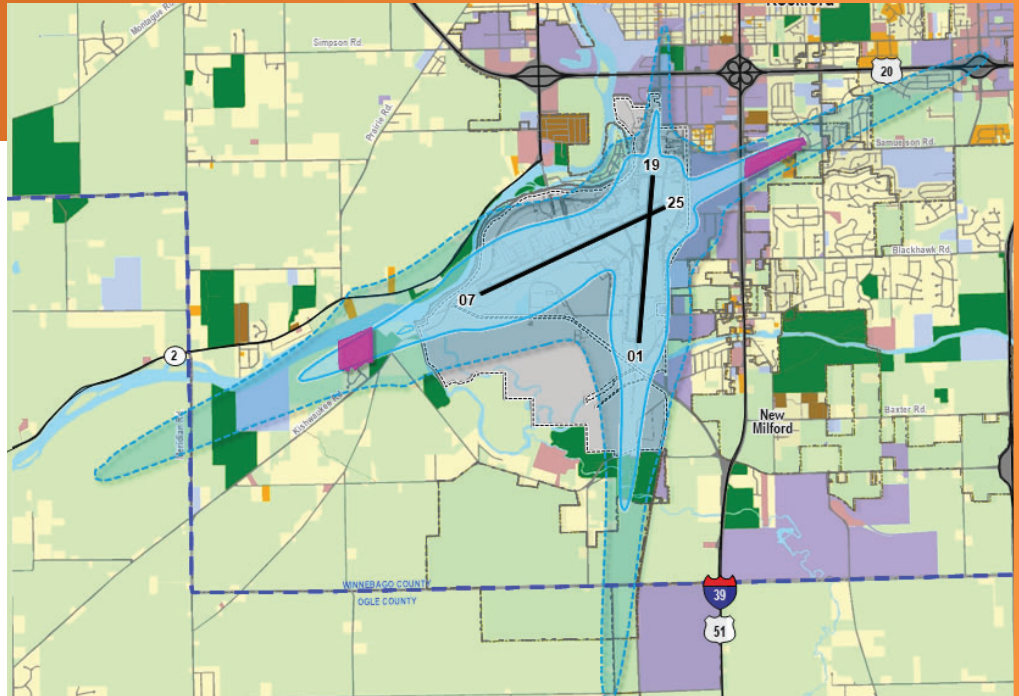
# Remedial Land Use Mitigation Recommendations

## NMPA #1 Residential Sound Insulation Program

**Block Rounding Area Subject to FAA Review & Approval**  
41 Single-Family Units  
20 Multi-Family Units

Land Use	NMPA #1	
	Total Housing Units	Population
<b>Runway 7 Approach End – Southwest of Airport</b>		
SF Residential	30	76
MF Residential	0	0
<b>Runway 25 Approach End – Northeast of Airport</b>		
SF Residential	11	30
MF Residential	20	55
<b>Total</b>	<b>61</b>	<b>161</b>

60 DNL 65 DNL NMPA #1

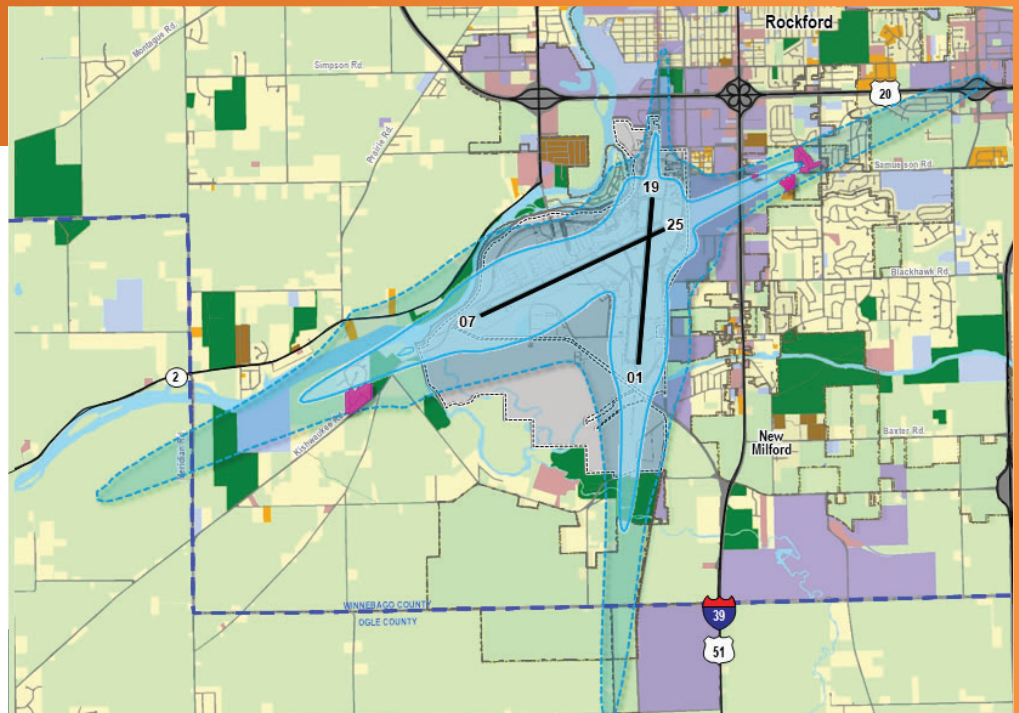


## NMPA #2 Residential Sound Insulation Program

**Block Rounding Area Subject to FAA Review & Approval**  
51 Single-Family Units  
36 Multi-Family Units

Land Use	NMPA #2	
	Total Housing Units	Population
<b>Runway 7 Approach End – Southwest of Airport</b>		
SF Residential	20	51
MF Residential	0	0
<b>Runway 25 Approach End – Northeast of Airport</b>		
SF Residential	31	86
MF Residential	36	99
<b>Total</b>	<b>87</b>	<b>236</b>

60 DNL 65 DNL NMPA #2



Land Use	NMPA#1 & NMPA#2	
	Total Housing Units	Population
<b>Total</b>	<b>148</b>	<b>397</b>

Single-Family Residential  
Multi-Family Residential  
Manufactured Housing  
Park / Recreation  
Institutional

Water  
Agricultural / Open Space / Vacant  
Commercial  
Industrial  
ROW/Utility

Arterial Roads  
Interstate/Major Roads  
Airport Property Boundary  
County Boundaries  
Municipal Boundaries



## Chicago Rockford International Airport 14 CFR PART 150 NOISE COMPATIBILITY STUDY UPDATE

Prepared for  
Greater Rockford Airport Authority

# Proposed NMPA 1a and 2a

NMPA Subject to FAA Review & Approval

NMPA #1a | 30 SF Units  
NMPA #2a | 20 SF Units

Block rounding area #2a includes SF Units outside the 65+ DNL noise contour in Woodcrest Estates subdivision south to Kishwaukee Road

- NMPA 1a
- NMPA 2a
- Residential Units in NMPA 1a
- Residential Units in NMPA 2a
- Residential Units outside NMPA 1a
- Future (2028) 60 DNL Noise Exposure Contour
- Future (2028) 65 DNL Noise Exposure Contour

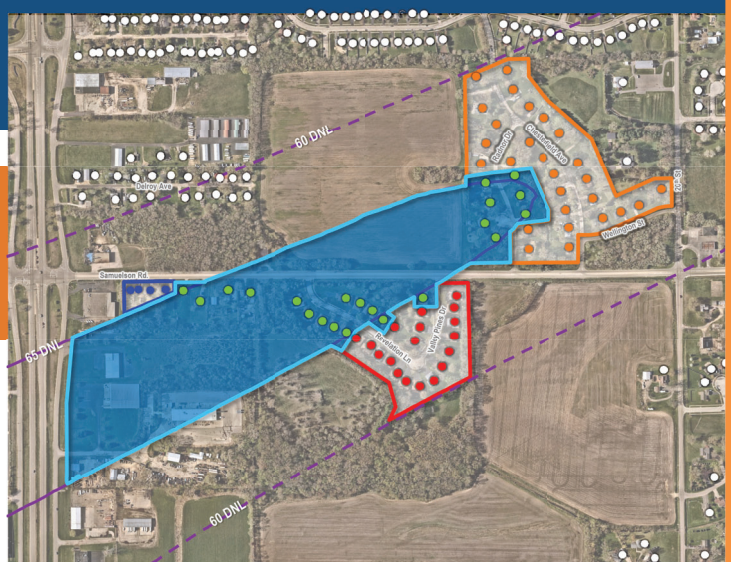


# Proposed NMPA 1b, 2b, 2c, 2d

NMPA Subject to FAA Review & Approval

NMPA #1b | 11SF Units | 20 MF Units  
NMPA #2b | 4 SF Units  
NMPA #2c | 36 MF Units  
NMPA #2d | 27 SF Units

- NMPA 1b
- NMPA 2b
- NMPA 2c
- NMPA 2d
- Residential Units in NMPA 1b
- Residential Units in NMPA 2b
- Residential Units in NMPA 2c
- Residential Units in NMPA 2d
- Residential Units outside NMPA 2d
- Future (2028) 60 DNL Noise Exposure Contour
- Future (2028) 65 DNL Noise Exposure Contour



Measure Id	Type Of Measure	Direct Cost (Total)	Direct Cost To FAA (80% Share)	Direct Cost To Airport (20% Share)
<b>Residential Sound Insulation Program</b>				
LU-15 <sup>(1)</sup>	Offer Residential Sound Insulation to 61 Residential Units within the 65 DNL Noise Contour (NMPA 1a & 1b) and 87 Residential Units outside the 65 DNL Noise Contour (NMPA 2a, 2b, 2c, & 2d)	\$9,250,000 <sup>(2)</sup> (\$62,500 per home)	\$7,400,000	\$1,850,000

NMPA	Housing Counts	Direct Cost (Total)	Direct Cost To FAA (80% Share)	Direct Cost To Airport (20% Share)
1a/1b	Residential Units inside 65 DNL – 61 SF & MF units	\$3,812,500	\$3,050,000	\$762,500
2a	Residential Units outside 65 DNL – 20 SF units	\$1,250,000	\$1,000,000	\$250,000
2b	Residential Units outside 65 DNL – 4 SF units	\$250,000	\$200,000	\$50,000
2c	Residential Units outside 65 DNL – 36 MF units	\$2,250,000	\$1,800,000	\$450,000
2d	Residential Units outside 65 DNL – 27 SF units	\$1,687,500	\$1,350,000	\$337,500



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