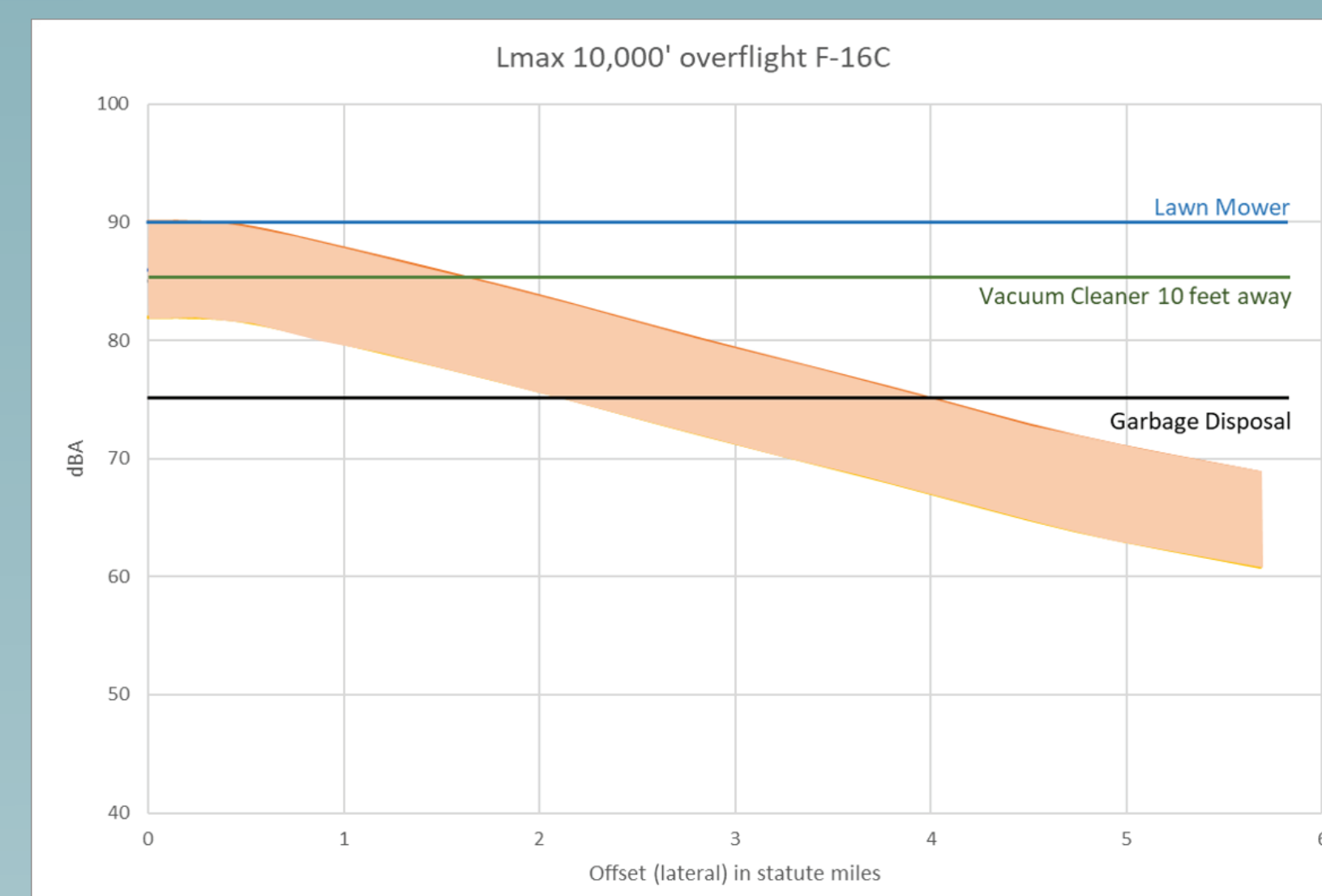
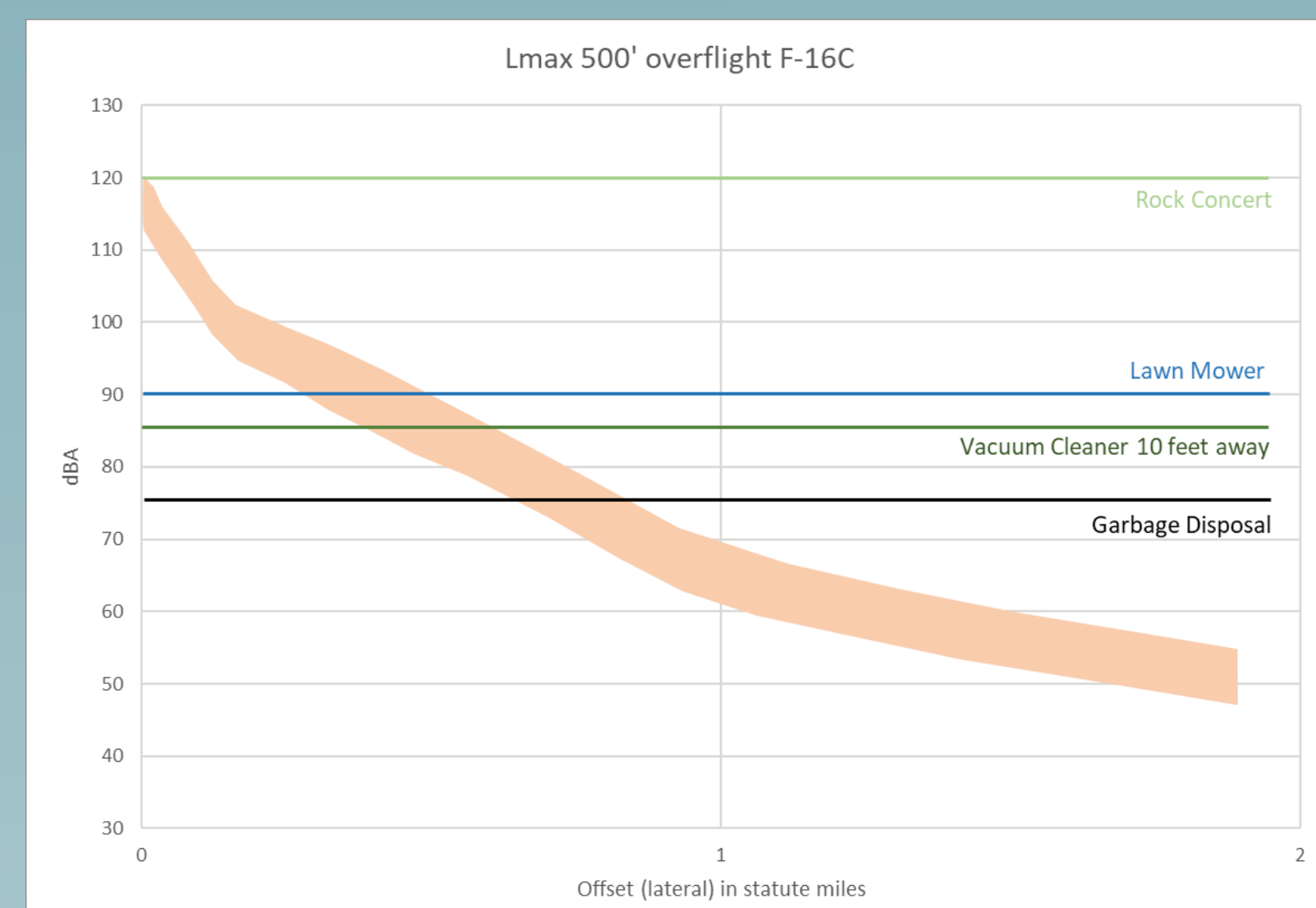
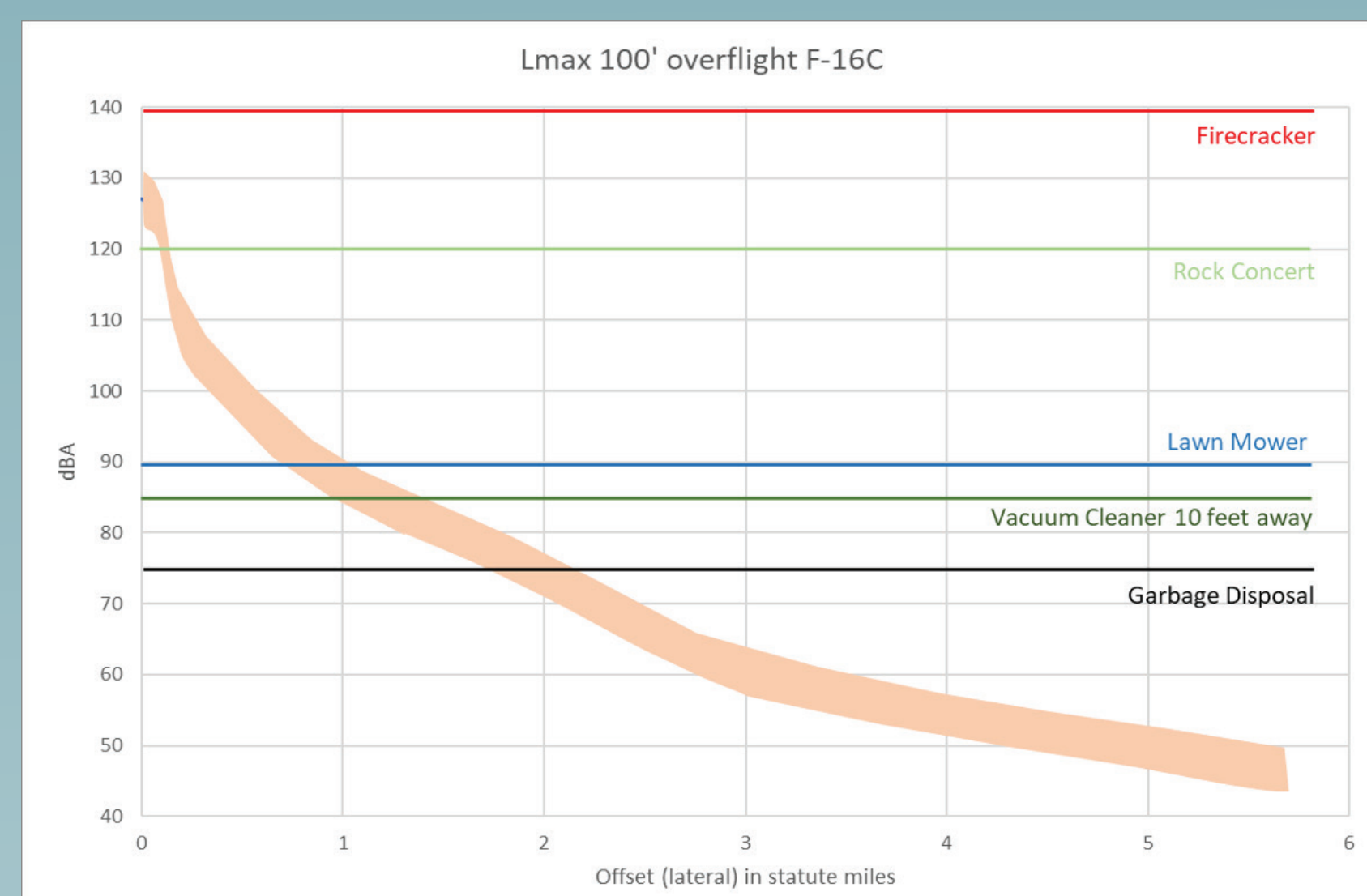




NOISE MODELING RESULTS

HOW LOUD WILL AN OVERFLIGHT BE?

The graphs below illustrate how loud a single overflight could be at various distances and altitudes above ground level (AGL).



Single Event: 100 feet AGL

- Federal Aviation Administration restricts flights at this altitude over cities, towns, or settlements.
- Currently possible in the Jackal Low and Fuzzy MOAs.
- Would be possible in the Tombstone MOA and Jackal MOA, depending on Alternative.
- Less than 1% chance to experience this type of flight in any given week.

Single Event: 500 feet AGL

- Federal Aviation Administration restricts flights at this altitude over cities, towns, or settlements.
- Currently possible in Jackal Low, Fuzzy, and parts of Tombstone MOAs.
- Would be possible in all of Tombstone, Outlaw, Jackal, Bagdad, and Gladden MOAs.
- 1 to 7% chance of experiencing this type of flight in any given week.

Single Event: 10,000 feet AGL

- Currently possible in all MOAs.
- Most training occurs at or above this altitude.



	Alternative 1 No Action (existing)	Alternative 2 Proposed Action	Alternative 3	Alternative 4
SUBSONIC SOUND				
Day-night average sound level (DNL)	<35 to 58 Occurs in all MOAs	<35 to 60 Decrease in Tombstone A Increase in all others*		
Exceed 65 DNL threshold?	No	No		
Compatible with all land uses?	Yes	Yes		
SUPERSONIC SOUND				
C-weighted day-night average sound level (CDNL)	<35 to 55 Occurs in all MOAs except: Tombstone Ruby Fuzzy	<35 to 55 Increase in: Jackal Outlaw Morenci Reserve Gladden Bagdad		
Exceed 62 CDNL threshold?	No	No		

For more information, please visit the project website at: www.ArizonaRegionalAirspaceEIS.com

*The increase in subsonic noise would be considered "reportable" per FAA Order 1050.1F in sensitive areas in the Jackal, Jackal Low, Bagdad, and Gladden MOAs, and some parts of the Tombstone MOA.