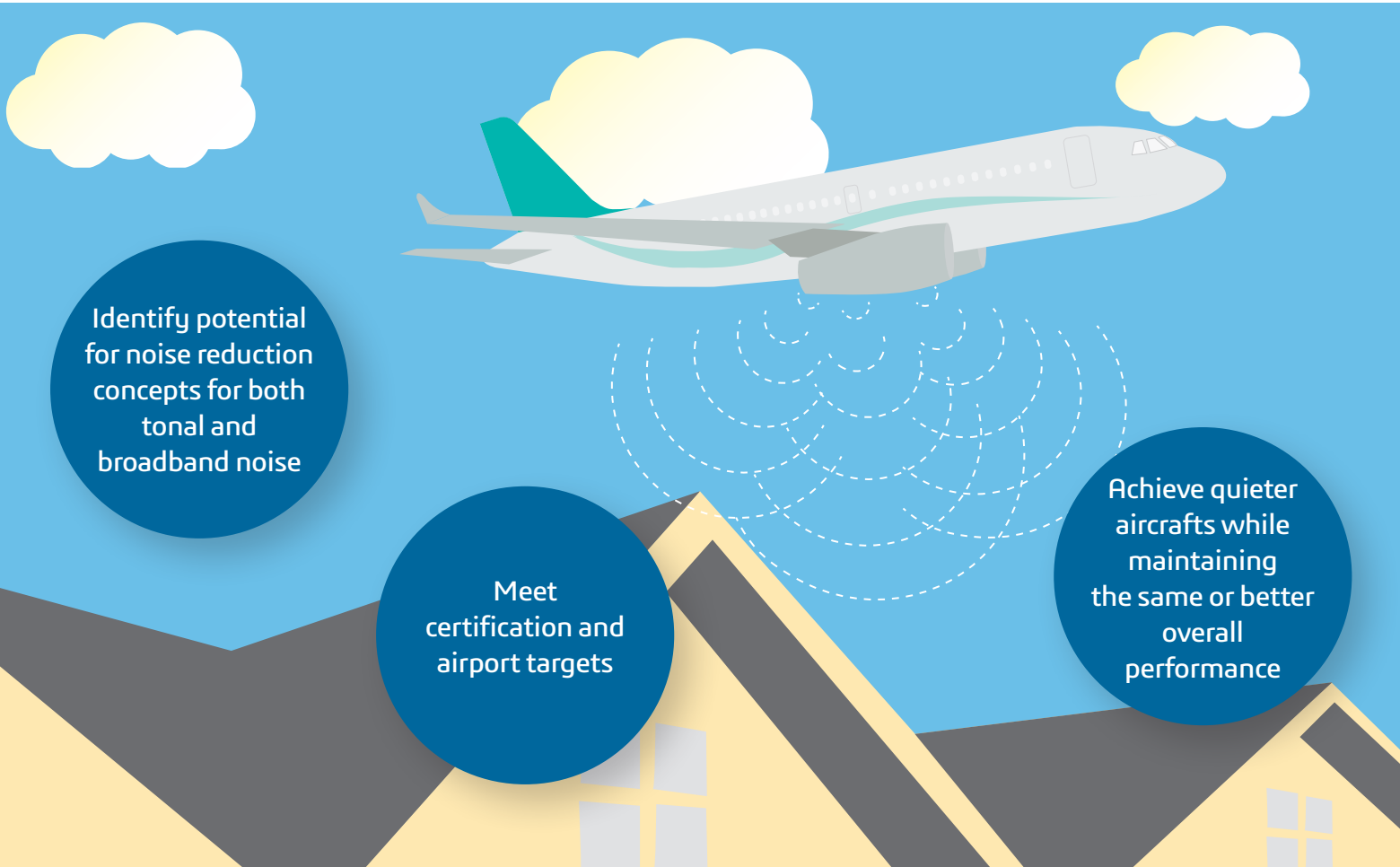


AIRCRAFT COMMUNITY NOISE

Sound Effects: Airplane Take Offs and Landings Are About To Become A Little Bit Quieter

Aircraft community noise has become a real concern as air travel continues to grow and planes are increasingly flying at lower altitudes and closer to major population centers. Since planes have to meet strict community

noise and environmental protection regulations, it is important to understand how both aircraft noise is generated and how it is perceived on the ground.



Identify potential for noise reduction concepts for both tonal and broadband noise

Meet certification and airport targets

Achieve quieter aircrafts while maintaining the same or better overall performance

Air travel and traffic is at an all time high.

102,465 flights per day¹

13 cities worldwide have more than 4 airports³

41,788 airports in the world²

14,712 airports in the U.S.⁴

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