Technology Sustainability OEM

Embraer E175 Meets Noise Rules but Trails Newer Regional Jets Because of Its Late-1990s CF34-8E Engines

Why It Matters

Regional-jet noise performance now tracks engine generation: geared high-bypass fans set a new benchmark, so the large installed base of older-engine aircraft sits increasingly behind the newest types in its class.

Oct 24 Disclaimer Simple Flying Save

What happened

The Embraer E175, which launched in 1999 and entered commercial service with Air Canada in 2005, complies with current noise regulations. Newer aircraft in its class are outperforming it on noise.

