Even before the first "Breaking the Sound Barrier" in 1947, engineers at NASA's Langley Research Center in Hampton, Virginia, have been working to advance supersonic flight - faster than the speed of sound - and hypersonic flight - five times faster than the speed of sound. They were instrumental in the development of the sound-breaking X-1, the X-15 - which was the first hypersonic rocket-powered plane, and the X-43A - the fastest jet-powered aircraft. Next up is the concept of a low boom supersonic flight demonstrator.

Find out more by visiting:
https://www.nasa.gov/langley/100/breaking-the-sound-barrier

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