



1
00:00:01,320 --> 00:00:05,300
It's been 70 years since Chuck Yeager broke the

2
00:00:05,300 --> 00:00:09,800
sound barrier in an aircraft on October 14, 1947.

3
00:00:09,800 --> 00:00:14,100
It's been 14 years since the Concorde made

4
00:00:14,100 --> 00:00:18,400
its final flight on October 24, 2003.

5
00:00:18,400 --> 00:00:21,500
NASA recently announced the Low-Boom

6
00:00:21,500 --> 00:00:24,500
Flight Demonstrator aircraft that could bring

7
00:00:24,500 --> 00:00:26,440
supersonic travel back to the public.

8
00:00:26,440 --> 00:00:29,440
Slated for flight tests in the 2020's,

9
00:00:29,440 --> 00:00:32,440
the design has been tested extensively

10
00:00:32,440 --> 00:00:35,770
in wind tunnels & computer simulations.

11
00:00:35,770 --> 00:00:38,770
NASA's Ames Research Center conducted many

12
00:00:38,770 --> 00:00:41,770
of the studies to reduce the sonic "boom"

13
00:00:41,770 --> 00:00:44,000

to a sonic "thump".

14

00:00:44,000 --> 00:00:48,000

Ames has a legacy of testing aircraft at

15

00:00:48,000 --> 00:00:53,100

supersonic speeds that began even before 1947.

16

00:00:53,100 --> 00:00:55,470

Ames research could play a key role in making