

National Aeronautics and
Space Administration



Dryden Flight Research Center

1
00:00:06,720 --> 00:00:13,810
foreign

2
00:00:19,070 --> 00:00:17,210
of African-American history month NASA

3
00:00:20,810 --> 00:00:19,080
salutes the contributions of African

4
00:00:23,150 --> 00:00:20,820
Americans to the cause of space

5
00:00:24,650 --> 00:00:23,160
exploration aerodynamics is fascinating

6
00:00:26,390 --> 00:00:24,660
to me just the philosophy of

7
00:00:28,910 --> 00:00:26,400
aerodynamics saying that that led me to

8
00:00:30,890 --> 00:00:28,920
aeronautics

9
00:00:32,510 --> 00:00:30,900
and of course the faster things go the

10
00:00:34,670 --> 00:00:32,520
cooler it is

11
00:00:36,350 --> 00:00:34,680
name is Larry quiet I'm an aerospace

12
00:00:39,470 --> 00:00:36,360
engineer at Nasa Dryden flight Research

13
00:00:43,430 --> 00:00:41,150

I work in the research aerodynamics

14

00:00:45,590 --> 00:00:43,440

Branch doing mostly supersonic research

15

00:00:48,110 --> 00:00:45,600

on supersonic flight specifically Sonic

16

00:00:51,350 --> 00:00:48,120

Boom research

17

00:00:53,569 --> 00:00:51,360

ongoing effort to mitigate the sonic

18

00:00:55,970 --> 00:00:53,579

boom to allow over the land supersonic

19

00:00:57,529 --> 00:00:55,980

transportation for civilians

20

00:01:00,229 --> 00:00:57,539

both my parents were in the Air Force

21

00:01:02,209 --> 00:01:00,239

and as far as I can remember the day my

22

00:01:04,969 --> 00:01:02,219

mom and dad brought me home a model

23

00:01:06,649 --> 00:01:04,979

model toy replica of a B2 bomber was the

24

00:01:09,230 --> 00:01:06,659

day I first got any interest in

25

00:01:11,630 --> 00:01:09,240

Aeronautics or Aerospace period

26

00:01:13,850 --> 00:01:11,640

I became a graduate student at Georgia

27

00:01:15,890 --> 00:01:13,860

Tech and there decided to do a co-op

28

00:01:20,090 --> 00:01:15,900

rotation somewhere the first place on my

29

00:01:23,330 --> 00:01:21,590

you know everybody knows about this big

30

00:01:24,530 --> 00:01:23,340

centers Johnson's Kennedys and

31

00:01:26,149 --> 00:01:24,540

everything but found out that there was

32

00:01:28,850 --> 00:01:26,159

a center that actually specifically did

33

00:01:31,130 --> 00:01:28,860

what I was wanting to do my focus at the

34

00:01:33,710 --> 00:01:31,140

time was high-speed aerodynamics which

35

00:01:35,690 --> 00:01:33,720

is Aeronautics and and and Dryden did

36

00:01:37,190 --> 00:01:35,700

just that NASA Dryden this is NASA

37

00:01:41,030 --> 00:01:37,200

ground I'd like to know whether you had

38

00:01:43,670 --> 00:01:41,040

any fuel left for perhaps a foxtrot run

39

00:01:46,370 --> 00:01:43,680

just this past year I was a principal

40

00:01:48,469 --> 00:01:46,380

investigator for the whisper project I'm

41

00:01:51,109 --> 00:01:48,479

a community response test for Sonic

42

00:01:55,550 --> 00:01:53,330

I'm frame we tried to do a range of

43

00:01:56,990 --> 00:01:55,560

Sonic booms not only in that range but

44

00:02:03,170 --> 00:01:57,000

we also tried to start with you a little

45

00:02:07,550 --> 00:02:05,450

so it was really fulfilling to see it

46

00:02:09,710 --> 00:02:07,560

out to see it to its end and to see how

47

00:02:10,850 --> 00:02:09,720

successful it was one of the things that

48

00:02:12,410 --> 00:02:10,860

brought me here is I wanted to be an

49

00:02:14,510 --> 00:02:12,420

innovator and I think that nearly

50

00:02:17,510 --> 00:02:14,520

anybody that works at Nasa kind of keeps

51
00:02:19,970 --> 00:02:17,520
their mind open to pursue goals and

52
00:02:22,190 --> 00:02:19,980
tasks that no other company is doing no

53
00:02:25,729 --> 00:02:22,200
their agency is doing so if you keep an

54
00:02:27,290 --> 00:02:25,739
open mind and if you have the desire to

55
00:02:28,970 --> 00:02:27,300
work outside of the box not just think

56
00:02:31,490 --> 00:02:28,980
outside the box but to do things that