



1
00:00:01,000 --> 00:00:04,000
[Music]

2
00:00:04,000 --> 00:00:07,000
[air hissing]

3
00:00:13,200 --> 00:00:20,200
>>The future remains exciting because there
is still discovery to be made.

4
00:00:20,219 --> 00:00:22,219
[underwater bubbling]

5
00:00:22,240 --> 00:00:28,550
>>For industry, for airlines, for the users of the technology to get the confidence to really go out and

6
00:00:28,550 --> 00:00:35,550
build that next generation of vehicle requires
validation in a relevant environment.

7
00:00:35,550 --> 00:00:38,590
[Music]

8
00:00:38,590 --> 00:00:41,260
[air hissing]

9
00:00:41,260 --> 00:00:48,260
>>A full-scale, radically different aircraft
shape is something that can only be validated

10
00:00:48,260 --> 00:00:49,780
in flight.

11
00:00:49,780 --> 00:00:51,700
[jet engines]

12
00:00:51,700 --> 00:00:53,579
>>Release, release, release

13

00:00:53,579 --> 00:00:56,280

[Music]

14

00:01:02,080 --> 00:01:07,000

[jet engines]

15

00:01:09,840 --> 00:01:14,800

[radio chatter]

16

00:01:14,800 --> 00:01:19,649

[jet engines]

17

00:01:20,720 --> 00:01:25,800

[radio chatter]

18

00:01:26,960 --> 00:01:30,320

[wind]

19

00:01:30,320 --> 00:01:31,600

[lifting body release]

20

00:01:31,600 --> 00:01:36,600

[radio chatter]

21

00:01:38,080 --> 00:01:43,000

[jet engines]

22

00:01:43,000 --> 00:01:48,000

[radio chatter]

23

00:01:51,360 --> 00:01:56,300

[jet engines]

24

00:01:58,560 --> 00:02:03,500

[prop airplane]

25

00:02:04,240 --> 00:02:09,200
[wind]

26
00:02:09,200 --> 00:02:14,200
[radio chatter]

27
00:02:14,200 --> 00:02:19,200
[jet engines]

28
00:02:19,200 --> 00:02:24,200
[Music]

29
00:02:24,320 --> 00:02:27,360
[wind tunnel air]

30
00:02:28,000 --> 00:02:33,000
[jet engines]

31
00:02:33,000 --> 00:02:38,000
[radio chatter]

32
00:02:41,760 --> 00:02:43,360
[jet engines]

33
00:02:43,360 --> 00:02:48,300
[airplane landing]

34
00:02:48,300 --> 00:02:53,300
[Music]

35
00:02:53,920 --> 00:02:58,920
[airplane taking off]

36
00:02:58,920 --> 00:03:00,920
[Music]

37
00:03:00,920 --> 00:03:05,900
[jet engines]

38

00:03:10,720 --> 00:03:15,720

[airplane landing]

39

00:03:15,720 --> 00:03:20,700

[Music]

40

00:03:20,700 --> 00:03:25,700

[mini prop planes]

41

00:03:29,120 --> 00:03:34,120

[jet engines]

42

00:03:36,320 --> 00:03:41,100

[prop plane]

43

00:03:41,100 --> 00:03:46,100

[jet engines]

44

00:03:46,100 --> 00:03:51,100

[Music]

45

00:03:54,720 --> 00:03:56,800

>>I see smoke...tell me when you're ready
for the sweep

46

00:03:56,800 --> 00:03:58,560

>>Ready for the sweep

47

00:03:58,560 --> 00:04:03,500

[radio chatter]

48

00:04:03,520 --> 00:04:08,500

[jet engines]

49

00:04:08,500 --> 00:04:13,560

[Music]

50

00:04:17,120 --> 00:04:22,100

[radio chatter]

51

00:04:22,100 --> 00:04:29,080

[jet engines]

52

00:04:34,880 --> 00:04:39,680

>>There, good smoke, there you go, getting it all, Lori?

53

00:04:39,680 --> 00:04:41,120

>>Yeah, can we widen out a little bit?

54

00:04:41,120 --> 00:04:43,200

>>Yep, you bet

55

00:04:43,200 --> 00:04:46,400

[Music]

56

00:04:46,400 --> 00:04:51,400

[jet engines]

57

00:04:55,920 --> 00:05:02,920

>>Yeah, there's some tufts standing straight up right behind the front mirror, and there's

58

00:05:02,920 --> 00:05:05,800

some activity behind them, but nothing abnormal.

59

00:05:05,800 --> 00:05:10,800

[airplane taking off]

60

00:05:12,480 --> 00:05:17,400

[jet engines]

61

00:05:17,400 --> 00:05:22,400

[wind]

62

00:05:22,400 --> 00:05:25,920

[Music]

63

00:05:25,920 --> 00:05:30,900

[wind]

64

00:05:30,900 --> 00:05:35,900

[Music]

65

00:05:37,120 --> 00:05:41,200

[jet airplane taking off]

66

00:05:41,200 --> 00:05:46,200

[radio chatter]

67

00:05:47,120 --> 00:05:52,100

[cockpit ambiance]

68

00:05:52,100 --> 00:05:57,100

[radio chatter]

69

00:05:57,440 --> 00:06:02,400

[747 taking off]

70

00:06:03,760 --> 00:06:08,760

[cockpit ambiance]

71

00:06:08,800 --> 00:06:12,640

>>Okay, take a quick survey of the tufts