



1
00:00:03,220 --> 00:00:05,880
One of NASA's two modified Boeing 747

2
00:00:05,880 --> 00:00:08,580
Space Shuttle Carrier aircraft, NASA 911

3
00:00:08,580 --> 00:00:10,500
has flown its final flight.

4
00:00:13,240 --> 00:00:14,960
The converted jumbo jet's final mission

5
00:00:14,980 --> 00:00:16,880
was a short hop of about 20 minutes

6
00:00:16,880 --> 00:00:19,040
from NASA's Dryden Flight Research Center

7
00:00:19,040 --> 00:00:20,320
at Edwards Air Force Base

8
00:00:20,320 --> 00:00:22,700
to the Dryden Aircraft Operations Facility

9
00:00:22,700 --> 00:00:25,920
at Air Force Plant 42 in Palmdale California.

10
00:00:27,660 --> 00:00:31,320
Built in 1973, the big jetliner was flown in commercial

11
00:00:31,320 --> 00:00:33,400
airline service by Japan Airlines

12
00:00:33,400 --> 00:00:37,260
for about 15 years before NASA obtained it in 1989.

13
00:00:37,940 --> 00:00:40,160

After modifications, NASA 911

14

00:00:40,160 --> 00:00:42,020

flew as a Shuttle Carrier Aircraft for

15

00:00:42,030 --> 00:00:43,400

the next twenty-one years

16

00:00:43,400 --> 00:00:45,580

carrying space shuttles sixty-six times

17

00:00:45,580 --> 00:00:46,760

on ferry flights.

18

00:00:48,140 --> 00:00:49,940

The design and the idea

19

00:00:49,940 --> 00:00:52,020

of how to move the orbiters

20

00:00:52,880 --> 00:00:56,060

was a very unique challenge to the engineers

21

00:00:56,060 --> 00:00:59,370

back in the early 70s and there was a lot of work

22

00:00:59,370 --> 00:01:01,180

that went into the initial design

23

00:01:01,480 --> 00:01:03,900

of, of how to modify the airplane,

24

00:01:03,920 --> 00:01:04,860

how to attach it

25

00:01:05,140 --> 00:01:07,380

you know what, what could
you do?

26

00:01:07,700 --> 00:01:09,200

You know, how would it fly?

27

00:01:09,260 --> 00:01:11,500

What precautions and things like that?

28

00:01:12,020 --> 00:01:14,540

Just goes to show you what American ingenuity can do.

29

00:01:16,240 --> 00:01:18,280

The converted jetliner will be retired

30

00:01:18,280 --> 00:01:19,820

and used as a source of parts to

31

00:01:19,830 --> 00:01:21,180

keep NASA 905,

32

00:01:21,180 --> 00:01:23,340

NASA's remaining Shuttle Carrier Aircraft

33

00:01:23,340 --> 00:01:25,760

flying until the remaining shuttles are ferried