

An American Treasure: The Shuttle



1
00:00:04,870 --> 00:00:01,990
okay my name is raymie in triago and i

2
00:00:06,950 --> 00:00:04,880
currently work for nasa in the fa office

3
00:00:09,030 --> 00:00:06,960
which is the planning office for what

4
00:00:10,310 --> 00:00:09,040
was the constellation program and now

5
00:00:13,350 --> 00:00:10,320
with potentially the crew commercial

6
00:00:15,430 --> 00:00:13,360
from there yeah i started in 88 with usa

7
00:00:16,310 --> 00:00:15,440
or lockheed at the time and

8
00:00:17,990 --> 00:00:16,320
and i started out in the thermal

9
00:00:19,830 --> 00:00:18,000
protection system and i tell you

10
00:00:21,750 --> 00:00:19,840
everything that that has evolved from

11
00:00:22,950 --> 00:00:21,760
then is really about relationships and

12
00:00:24,870 --> 00:00:22,960
just the great

13
00:00:27,189 --> 00:00:24,880

friendships and working in the trenches

14

00:00:29,349 --> 00:00:27,199

with with everybody really kind of just

15

00:00:30,710 --> 00:00:29,359

was the foundation for the rest of my

16

00:00:33,670 --> 00:00:30,720

career

17

00:00:35,030 --> 00:00:33,680

so in the tps world probably

18

00:00:37,110 --> 00:00:35,040

i was tasked to bring back shuttle

19

00:00:38,630 --> 00:00:37,120

columbia from one of its own dp in

20

00:00:39,990 --> 00:00:38,640

california and spent a few weeks out

21

00:00:41,670 --> 00:00:40,000

there and actually flew back on what

22

00:00:42,790 --> 00:00:41,680

they call a pathfinder which went in

23

00:00:44,150 --> 00:00:42,800

front of the

24

00:00:46,150 --> 00:00:44,160

shuttle to make sure the weather was

25

00:00:48,950 --> 00:00:46,160

okay and then anywhere we landed we had

26

00:00:51,190 --> 00:00:48,960

inspected tps so that was real special

27

00:00:53,670 --> 00:00:51,200

uh on a tps i was in hydraulics for a

28

00:00:54,950 --> 00:00:53,680

few years and that the most memorable

29

00:00:56,549 --> 00:00:54,960

moment there was i was the lead

30

00:00:58,950 --> 00:00:56,559

hydraulics engineer on discovery when we

31

00:01:00,630 --> 00:00:58,960

flew john glenn back into space to meet

32

00:01:01,990 --> 00:01:00,640

him talk about football of course was

33

00:01:04,549 --> 00:01:02,000

real special

34

00:01:05,910 --> 00:01:04,559

and then i got in the project world and

35

00:01:07,109 --> 00:01:05,920

great experiences and being part of a

36

00:01:08,630 --> 00:01:07,119

team that implemented a lot of the

37

00:01:10,789 --> 00:01:08,640

return of flight mods like the orbiter

38

00:01:12,469 --> 00:01:10,799

boom system the wing leading edge

39

00:01:14,149 --> 00:01:12,479

and then the last mod that i worked on

40

00:01:16,310 --> 00:01:14,159

before i transferred to nasa was the

41

00:01:18,149 --> 00:01:16,320

station the shuttle transfer power

42

00:01:19,030 --> 00:01:18,159

system which is a huge mod that we did

43

00:01:20,390 --> 00:01:19,040

on

44

00:01:21,910 --> 00:01:20,400

endeavor and discovery to allow the

45

00:01:23,030 --> 00:01:21,920

orbiters to stay up in space a few more

46

00:01:24,710 --> 00:01:23,040

days so just

47

00:01:27,429 --> 00:01:24,720

just blessing to be able to be part of

48

00:01:29,429 --> 00:01:27,439

such a great team a lot of relationships

49

00:01:30,789 --> 00:01:29,439

all the way from california and station