



1
00:00:00,640 --> 00:00:02,638
I am extremely happy to be a part of

2
00:00:02,639 --> 00:00:05,199
this 80th anniversary celebration for

3
00:00:05,200 --> 00:00:07,119
Glenn Research Center.

4
00:00:07,120 --> 00:00:09,119
Glenn has had an incredible history

5
00:00:09,120 --> 00:00:11,199
reaching back even before NASA was

6
00:00:11,200 --> 00:00:12,638
established.

7
00:00:12,639 --> 00:00:14,959
As the associate administrator for Human

8
00:00:14,960 --> 00:00:16,959
Exploration Operations,

9
00:00:16,960 --> 00:00:19,198
I especially want to congratulate my

10
00:00:19,199 --> 00:00:20,639
colleagues at Glenn

11
00:00:20,640 --> 00:00:23,679
for their amazing contributions to Human

12
00:00:23,680 --> 00:00:24,799
Space Flight,

13
00:00:24,800 --> 00:00:26,799

not only from a historical perspective

14

00:00:26,800 --> 00:00:28,479

from Mercury to Shuttle,

15

00:00:28,480 --> 00:00:30,959

but in the work you are doing today with

16

00:00:30,960 --> 00:00:32,639

the International Space Station,

17

00:00:32,640 --> 00:00:35,839

and the Artemis program. From your 24/7

18

00:00:35,840 --> 00:00:38,159

support of a diverse range of

19

00:00:38,160 --> 00:00:40,799

microgravity experiments on ISS

20

00:00:40,800 --> 00:00:42,878

and keeping us all connected with the

21

00:00:42,879 --> 00:00:43,999

space communication

22

00:00:44,000 --> 00:00:47,038

and navigation technologies, to the

23

00:00:47,039 --> 00:00:49,359

important ongoing investigations into

24

00:00:49,360 --> 00:00:51,999

the durability of materials and space,

25

00:00:52,000 --> 00:00:54,799

Glenn Research Center has a substantial

26

00:00:54,800 --> 00:00:56,078

role in advancing

27

00:00:56,079 --> 00:00:58,159

space science research on the Space

28

00:00:58,160 --> 00:00:59,358

Station.

29

00:00:59,359 --> 00:01:01,358

With regard to the Artemis program,

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00:01:01,359 --> 00:01:03,839

Glenn's Plum Brook station was critical

31

00:01:03,840 --> 00:01:06,478

to ensuring the Orion Service Module

32

00:01:06,479 --> 00:01:08,639

and crew capsule can withstand the loads

33

00:01:08,640 --> 00:01:11,118

of launching atop the SLS.

34

00:01:11,119 --> 00:01:13,599

Once we get to the Moon, Gateway's power

35

00:01:13,600 --> 00:01:14,798

and propulsion element,

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00:01:14,799 --> 00:01:17,599

demonstrating advanced high power solar

37

00:01:17,600 --> 00:01:19,118

electric propulsion,

38

00:01:19,119 --> 00:01:20,719

will be able to support lunar

39

00:01:20,720 --> 00:01:23,758

exploration for up to 15 years.

40

00:01:23,759 --> 00:01:27,359

That's impressive. NASA will rely heavily

41

00:01:27,360 --> 00:01:30,319

on the unique National capabilities and

42

00:01:30,320 --> 00:01:31,279

expertise

43

00:01:31,280 --> 00:01:33,758

of Glenn Research Center as we send

44

00:01:33,759 --> 00:01:34,719

humans

45

00:01:34,720 --> 00:01:38,078

back to the Moon and on to Mars.

46

00:01:38,079 --> 00:01:40,158

We could not do this without you on the

47

00:01:40,159 --> 00:01:41,359

team.

48

00:01:41,360 --> 00:01:43,519

Thank you for continuing the incredible