



**NASA NAMES HEADQUARTERS
AFTER ENGINEER
MARY W. JACKSON**

1

00:00:00,000 --> 00:00:06,000

NASA NAMES HEADQUARTERS AFTER ENGINEER MARY W. JACKSON

2

00:00:06,000 --> 00:00:09,000

Mary W. Jackson started her NASA career in the segregated West Area Computing

3

00:00:09,000 --> 00:00:11,900

Unit of Langley Research Center in Hampton, Virginia

4

00:00:11,960 --> 00:00:18,060

She worked as one of Langley's research mathematicians known as human computers

5

00:00:18,060 --> 00:00:21,000

After two years in the computing pool, Jackson received an offer to work in the

6

00:00:21,000 --> 00:00:23,900

4-foot by 4-foot Supersonic Pressure Tunnel...

7

00:00:23,980 --> 00:00:26,840

a 60,000 horsepower wind tunnel capable of blasting models

8

00:00:26,840 --> 00:00:30,180

with winds approaching twice the speed of sound

9

00:00:30,240 --> 00:00:33,000

Her supervisor suggested she enter a training program that would allow

10

00:00:33,000 --> 00:00:36,000

Jackson to earn a promotion from mathematician to engineer

11

00:00:36,000 --> 00:00:40,000

Because the classes were held at then-segregated Hampton High School,

12

00:00:40,000 --> 00:00:44,100

Jackson needed special permission to join her white peers in the classroom

13

00:00:44,100 --> 00:00:47,820

Jackson ultimately completed the necessary courses, and in 1958

14

00:00:47,820 --> 00:00:50,860

she became the first Black female engineer at NASA

15

00:00:50,920 --> 00:00:54,640

And went on to lead programs influencing the hiring and promotion of women in

16

00:00:54,640 --> 00:00:58,300

NASA's science, engineering, and mathematics careers

17

00:00:58,400 --> 00:01:02,000

"Mary never accepted the status quo, she helped break barriers and open opportunities

18

00:01:02,000 --> 00:01:06,080

for African-Americans and women in the field of engineering and technology..."

19

00:01:06,080 --> 00:01:12,000

"Today, we proudly announce the Mary W. Jackson NASA Headquarters building ..."

20

00:01:12,000 --> 00:01:15,500

"We will continue to recognize the contributions of women, African Americans,