

1 A MEMORIAL

2 RECOGNIZING AND HONORING THE PHYSICAL SCIENCE LABORATORY AT  
3 NEW MEXICO STATE UNIVERSITY; CELEBRATING EIGHTY YEARS OF THE  
4 LABORATORY'S RESEARCH AND CONTRIBUTIONS TO INNOVATION,  
5 NATIONAL SECURITY, WORKFORCE DEVELOPMENT AND ECONOMIC  
6 PROSPERITY.

7  
8 WHEREAS, the physical science laboratory at New Mexico  
9 state university, founded in 1946 in Las Cruces, is southern  
10 New Mexico's premier university-based applied research  
11 laboratory, advancing technologies that support the nation's  
12 defense, aerospace and security missions; and

13 WHEREAS, the physical science laboratory was established  
14 in direct response to the nation's emerging defense, missile  
15 and space programs following World War II, beginning with its  
16 first contract on May 15, 1946 to support the army ballistics  
17 research laboratory and assemble teams of students and  
18 scientists to process and analyze V-2 rocket telemetry data  
19 in support of early American rocket research at White Sands  
20 proving ground; and

21 WHEREAS, during the mid-twentieth century, the  
22 laboratory expanded its mission to include telemetry and  
23 flight test support for military missile systems; the  
24 development and testing of antennas and instrumentation; and  
25 the establishment of satellite tracking capabilities that

1 contributed to global space tracking networks, strengthening  
2 the United States' scientific, aerospace and defense  
3 infrastructure throughout the Cold War and beyond; and

4 WHEREAS, for nearly eight decades, the laboratory has  
5 integrated applied research with hands-on education,  
6 supporting partners across federal agencies, industry and  
7 academia while translating academic innovation into mission-  
8 ready capabilities that address evolving national security  
9 and aerospace requirements; and

10 WHEREAS, the laboratory has continually evolved to meet  
11 emerging national needs, sustaining and expanding expertise  
12 in telemetry and missile systems, hypersonics, aerospace and  
13 spaceflight systems, electronic warfare and advanced sensing  
14 technologies, cybersecurity and information sciences,  
15 unmanned aircraft systems and predictive modeling and  
16 decision support, delivering mission-critical solutions that  
17 enhance defense readiness, aerospace advancement and homeland  
18 security; and

19 WHEREAS, the physical science laboratory is one of only  
20 nine institutions nationwide designated by the federal  
21 aviation administration as an unmanned aircraft systems test  
22 site, and the laboratory plays a key role in advancing  
23 unmanned aircraft systems research, testing and workforce  
24 development that support safe integration of unmanned  
25 aircraft systems technologies into the national airspace and

1 strengthening New Mexico's leadership in aerospace  
2 innovation; and

3 WHEREAS, the laboratory designs, builds, tests and  
4 deploys advanced systems and technologies used by government  
5 and industry partners worldwide, reinforcing New Mexico's  
6 reputation as a center of excellence in national security,  
7 aerospace and applied research; and

8 WHEREAS, the laboratory plays a vital role in educating  
9 and mentoring generations of students by providing hands-on  
10 research, cooperative education and workforce development  
11 programs that prepare New Mexico students for high-demand  
12 careers in science, engineering, aerospace and national  
13 security, strengthening the state's talent pipeline and long-  
14 term economic competitiveness; and

15 WHEREAS, the laboratory serves as a cornerstone of  
16 southern New Mexico's growing national security and  
17 innovation ecosystem, collaborating closely with regional  
18 military installations, industry partners, academic  
19 institutions and community stakeholders while contributing  
20 significantly to the economic vitality and technological  
21 leadership of New Mexico and the broader southwest region of  
22 the United States; and

23 WHEREAS, the enduring legacy of the physical science  
24 laboratory reflects the values of innovation, service and  
25 collaboration that define New Mexico and exemplifies the

1 essential role of university-based applied research  
2 laboratories in advancing scientific discovery, national  
3 defense, workforce development and public service;

4 NOW, THEREFORE, BE IT RESOLVED BY THE HOUSE OF  
5 REPRESENTATIVES OF THE STATE OF NEW MEXICO that the physical  
6 science laboratory at New Mexico state university be  
7 recognized and honored for the laboratory's eighty years of  
8 distinguished service as the state's premier university-based  
9 applied research laboratory and as a vital national security  
10 and aerospace asset for New Mexico, the southwest and the  
11 United States; and

12 BE IT FURTHER RESOLVED that copies of this memorial be  
13 transmitted to the president of New Mexico state university,  
14 the director of the physical science laboratory and the  
15 governor in appreciation of the laboratory's historic legacy  
16 and continued contributions to innovation, national security,  
17 workforce development and economic prosperity. \_\_\_\_\_