I. INTRODUCTION AND AGENT BACKGROUND

A. I am a Special Agent with the Federal Bureau of Investigations (FBI) and have been employed here for approximately 9 years. I am currently assigned to Norfolk, Virginia's Cyber Crimes Squad where I investigated computer invasions and unauthorized access to protected computer systems and theft of cyber information. I submit this affidavit application for a warrant to search the bedroom in 1413 42nd Street, Norfolk VA, 23508 and to seize any evidence, contraband and instrumentalities of violations of federal law.
    1. 18 U.S.C Section 1030(a)(2)(B) - Computer Fraud and Abuse Act
    2. 18 U.S.C Section 641 - Theft of Government Property

B. My training and experience relevant to this investigation include:
    1. Bachelor of Science degree in CyberCrime and Computer science from Old Dominion University (2011)
    2. Master of Science degree in Cybersecurity from Old Dominion University (2013)
    3. Graduation from FBI Academy Quantico, VA (2014)
    4. Certification as a Certified Information Systems Security Professional (CISSP)
    5. Direct participation in over 60 computer intrusion investigations involving unauthorized access to government and private sector computer systems

II. SUMMARY OF PROBABLE CAUSE

A. Based on the information below, I believe that there is an individual residing at 1413 42nd Street, Norfolk VA, 23508 that has engaged in unauthorized access to the National Aeronautics and Space Administration's (NASA) computer system in violation of federal law. Specifically at 20:42 on October 13th, 2025, the NASA blueprints were accessed by an unauthorized computer at the address provided. These blue prints that are marked as "for Official Use Only" contain sensitive information about NASA aircrafts and the technology within these crafts.

III. FEDERAL STATUTES

A. 18 U.S.C Section 1030(a)(2)(B) makes this a federal crime to intentionally access federal documents without authorization thereby obtaining information from any protected computer. A "protected computer" includes computers used by and for the United States Government; NASA computer systems are protected computers under this statute.

B. 18 U.S.C Section 641 makes it a federal crime to steal or knowingly convert to one's government property. Technical blueprints, specifications and documents belonging to NASA are considered government property under this statute.

IV. THE TARGET RESIDENCE AND JUVENILE SUBJECT

A. The target premises to be searched is a bedroom on the 3rd floor, front of house, north facing bedroom of 1413 42nd Street, Norfolk VA, 23508. Based on my observation on October 25, 2025 of this home, it is a 3 story duplex on the right side letter 'A', with vinyl siding a one-car garage presented at the front of the home with two windows for each floor above it. The residence is located in the neighborhood in Norfolk, Va and property records show this house is rented by Maurice and Anne O'Brien.

B. The person in question, who occupies this bedroom, is a juvenile male aged 12, who resides at this address with his parents and sister. For the purpose of this affidavit and the privacy of this juvenile, I will refer to him as "JUVINILE-1". Public school records show that JUVINILE-1 attends school at Blair Middle School in Norfolk and participates in the school's gifted and talented program. According to information provided by Norfolk Public schools in response to a federal administrative subpoena, JUVINILE-1 had been identified as academically gifted with particular acceleration in mathematics, science and computer programming. School records show that JUVINILE-1 has completed high school-level computer science coursework and participates in regional computer programming competitions.

V. INVESTIGATION

A. NASA Reports Unauthorized Intrusion

1. On October 25th, Special Agent Linh Nguyen of NASA.s office contacted me informing me that there was a computer intrusion into NASA systems that had been detected by NASA's Cybersecurity Division. Special Agent Ngyuen informed me that unauthorized access was detected on multiple NASA computer systems beginning October 13, 2025.
2. According to NASA Cybersecurity personnel, the unauthorized access included:
    a) Intrusion into NASA's Engineering Drawing System (EDS), which contain classified blueprints and specifications for spacecrafts, satellites and other related systems
    b) Unauthorized access to NASA's Technical Report Servers (NTRS)
    c) Downloading approximately 42 files containing aircraft blueprints and technical information pertaining to these aircrafts
3. NASA Cybersecurity logs indicate multiple intrusions spanning between October 13th to October 25th. Usually occurring between 19:00 and 23:45 Eastern Time.

B. Technical Analysis of the Intrusion

1. Working with NASA's cybersecurity analysts, I reviewed the logs and technical data that revealed this intrusion. This analysis revealed:
    a) The initial breach took place on October 13th, 2025 at approximately 20:32 EST. The attacker was able to exploit the vulnerabilities in NASA's external web portal and was able to bypass authentication mechanisms which in suit provided the attacker with unauthorized access to the databases.
    b) The attacker used an IP obscure software to stay anonymous however, on multiple occasions the software fell through and showed us the IP address that was traced back to the residence in Norfolk, Virginia.

C. Analysis of the Stolen Materials

1. NASA provided me with a detailed inventory of the documents and files that were accessed and downloaded. These items include:
    a) Technical blueprints
    b) Electrical schematic drawings
    c) Engineering drawings of the International Space Station
    d) Structural design documents of future spacecrafts
2. All of these items are marked "for official use only" and contained in NASA's technical information. While these documents are not classified as national security information, they are still protected from public disclosure and unauthorized access.

D. Digital Forensics Assessment

1. Based on my training and experience in computer intrusion investigation, I believe that JUVINILE-1 computer and other devices will contain evidence of this intrusion to NASA systems, including:
    a) Hacking tools, scripts and softwares used to perform attack
    b) Evidence of anonymizing software installations
    c) Web browser history showing NASA systems
    d) Downloaded copies of stolen NASA files
    e) Evidence of research into NASA's network security vulnerabilities
2. The hours in which the attacks happen fall in line with the hours JUVINILE-1 would be home from school and unsupervised access to personal computers

VI. CONCLUSION

A. Based on the facts and circumstances, there is probably cause to believe that evidence and contraband of violations of *18 U.S.C Section 1030(a)(2)(B)* and 1*8 U.S.C Section 641* are located on the 3rd floor of the bedroom in 1413 42nd Street, Norfolk, Virginia 23508.
B. I request that the Court issue a search warrant for the 3rd floor bedroom of 1413 42nd Street, Norfolk, Virginia 23508, and authorization for seizure of electronic devices, printed NASA materials and other devices.
    1. I request that the search be conducted during daytime hours with appropriate juvenile services present to ensure the well-being of the suspect during the search.