

TRAJECTORIES

Official Newsletter for the Cape Canaveral Space Force Museum

Quote of the Month:

"What a country chooses to save is what a country chooses to say about itself." Mollie Beattie, American Conservationist

Isaacman Donation



The U.S. Space Force Historical Foundation (USSFHF), the Museum's supporting private, non-profit organization, received a sizable financial contribution from Jared Isaacman. News of the donation made the front page of Florida Today. You can read the article in its entirety [here](#).

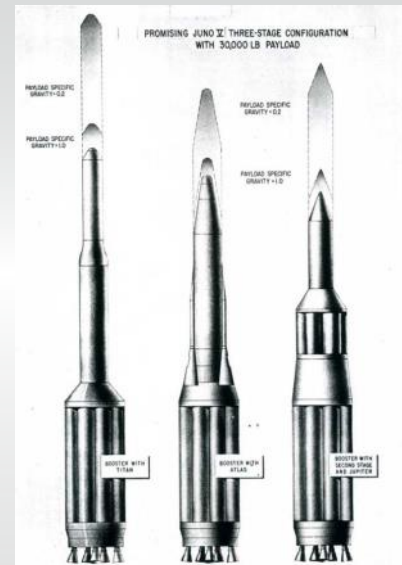
This financial boost adds to all the significant improvements made to the Museum over recent years. Jared Isaacman made his fortune through Shift4, a company that processes financial transactions globally. He is also passionate about commercial space exploration and philanthropy. Isaacman commanded the first all-civilian-astronaut mission, Inspiration4, in 2021, raising \$250 million for St. Jude Children's Research Hospital in the process.

The Inspiration4 crew was interviewed for national news in Hangar C before the launch (pictured above), giving them some exposure to our museum operation. Isaacman will command the upcoming Polaris Dawn mission from Florida's Space Coast. It will include 38 experiments and the first ever commercial space-walk, or EVA.

The funds Isaacman donated to the USSFHF will be put toward immediate exhibit and artifact needs. Museum staff and volunteers

are putting together packages to maximize every dollar toward fulfilling the Museum's preservation and outreach mission. We are all very grateful for Mr. Isaacman's adventurous spirit and generosity. Be sure to stay tuned to see all the new exciting developments we have in store for the Museum!

DID YOU KNOW?



Juno I (modified Redstone) and Juno 2 (modified Jupiter) rockets launched from LC-26. They set many American space milestones. Wernher von Braun and his ABMA team envisioned a Juno V rocket concept as early as 1956. The first stage included a cluster of Jupiter and Redstone tanks. Potential configurations included full Titan I or Atlas second stages! The name of the program changed in 1959 to Saturn.



CAPE CANAVERAL
SPACE FORCE
MUSEUM

Message from the Director

James W. Draper



One of the biggest attractions in Washington, DC is the Rotunda for the Charters of Freedom at the National Archives. Here visitors see in person the charter documents, which includes the Declaration of Independence, U.S. Constitution, and the Bill of Rights, that created this experiment we call the United States of America. It is a place of reverence and reflection.

In ruminations with Roger McCormick, I could not help but ponder what would be the charter documents for Cape Canaveral Space Force Station. Public Law 60 surfaces in many histories that delve into the early years of the Cape. Roger had seen it referenced over and over, but never laid eyes on the original document. We quickly found a transcript of it [online](#) through the Library of Congress but further investigation was required.

I reached out to my contacts at the National Archives and Records Administration (NARA) – my former employer. Several leads emerged. I ended up corresponding with an archivist in the legislative archives. She found it! The original Public Law 60 was a two-page document in a bound volume. I requested a high-res digital scan, which arrived a few weeks later. You can see it in its entirety on the following page. This original copy was signed by Speaker of the House Sam Rayburn, Vice President Alben Barkley, and President Harry S. Truman!

Public Law 60 was approved by the 81st Congress and signed into law by President Truman on 11 May 1949. Entitled “An Act to authorize the establishment of a joint long-range proving ground for guided missiles, and for other purposes”, it established what we know today as Cape Canaveral Space Force Station, Patrick Space Force Base, and the Eastern Range!

Just let that sink in for a moment. This document put the “space” in Florida’s Space Coast. This document propelled us to the greater half of the missile gap. We crossed the finish line in the Space Race through it. This document allowed us to win the Cold War! It led to all the advances and discoveries we have made in space over the last 75 years! This document made us a space-faring species. It is the founding document for the World’s Premier Gateway to Space. We wouldn’t be in this area but for this document. Wow!

Of course, there is always more to the story. I envision an exhibit gallery devoted to our “charter documents” in the future. What other transformative documents may we add? Perhaps the Naval Expansion Treaty of 1938, which created the Banana River Naval Air Station. Maybe we find the original copy of the 21 July 1950 agreement between the United Kingdom and the United States for establishing the test range and tracking stations along the Bahamas Islands. Exploring the exceptional history of the Cape provides discovery with no end!



James W. Draper, Museum Director



Public Law 60

Eighty-first Congress of the United States of America
At the First Session

Begun and held at the City of Washington on Monday, the third day of January, one thousand nine hundred and forty-nine

AN ACT

To authorize the establishment of a joint long-range proving ground for guided missiles, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of the Air Force is hereby authorized to establish a joint long-range proving ground for guided missiles and other weapons by the construction, installation, or equipment of temporary or permanent public works, including buildings, facilities, appurtenances, and utilities, within or without the continental limits of the United States, for scientific study, testing, and training purposes by the Departments of the Army, Navy, and Air Force.

SEC. 2. The Secretary of the Air Force is authorized in discharging the authority given in the preceding section to make surveys, to acquire lands and rights or other interests pertaining thereto, including the temporary use thereof, by donation, purchase, exchange of Government-owned lands, or otherwise, without regard to section 3648, Revised Statutes, as amended. Prior to the acquisition under the authority of this section of any lands or rights or other interests pertaining thereto, the Secretary of the Air Force shall come into agreement with the Armed Services Committees of the Senate and the House of Representatives with respect to the acquisition of such lands, rights, or other interests.

SEC. 3. There is hereby authorized to be appropriated, out of any money in the Treasury not otherwise appropriated, not to exceed \$75,000,000 to carry out the purposes of sections 1 and 2 of this Act.

SEC. 4. The Secretary of Defense is authorized, in his discretion, to transfer to the Secretary of the Army or the Secretary of the Navy, and to retransfer from either of such Secretaries to the other or to the Secretary of the Air Force, all, or any part of, the authority granted by sections 1 and 2 of this Act; and, in connection with any such transfer or retransfer, to transfer all or any part of the funds available for the establishment and support of the joint long-range proving ground for guided missiles and other weapons. The Secre-

H. R. 1741—2

tary of Defense is further authorized to permit, to the extent that he may deem appropriate, the Secretaries of the Army, the Navy, and the Air Force to contribute, with or without reimbursement, to the establishment and support of the joint long-range proving ground for guided missiles authorized by this Act, by the loan, assignment, or transfer of personnel, supplies, equipment, and services.

Sam Rayburn
Speaker of the House of Representatives

APPROVED

MAY 11 1949

Albert W. Bowley
Vice President of the United States and
President of the Senate.

Harry Truman

Museum Updates and News

NIKE Booster Acquisition

Our neighbors, the Cape's EOD Flight, transported a special artifact from Patrick SFB to the Museum. It is a NIKE first-stage booster that was displayed inside the East Gate for many years. We hope to eventually restore it for display. Hundreds of NIKE-variant sounding rockets launched from LC-43 during the 1960s and 1970s. They helped gather upper atmospheric data before major launches. They were used in other historical activities that have been declassified in recent years. *(To the right EOD servicemembers help move the NIKE booster into artifact storage.)*



Atlas for the Run

The T-Minus 10-Miler planning team announced the Atlas ICBM as the featured rocket for this year's run. The original Atlas enjoyed a long run, from 1950s into the 2000s, of launch activity from the Cape. It began as America's first ICBM but quickly transformed into a workhorse for American space launch activity. It's rich history in America's space and missile programs makes it a worthy highlight for the annual U.S. Space Force run. *(To the left is the official logo for the 2024 T-Minus 10-Miler.)*



Safety Improvements

The Cape's crane shop team recently moved three outdoor static displays on the museum grounds. The Electronics Van, Atlas Position Measuring Antenna, and Mod I Radar exhibited on Pad-26A have deteriorated considerably over the decades. They were transported from the old launch pad to more secure locations behind-the-scenes to enhance public safety. Their long term disposition is unknown due to the extent of decay. *(To the right the crane shop team carefully move the Electronics Van to a trailer for transportation from Pad 26A.)*

Museum Updates and News



Ditch of Dreams

On 6 May Dr. Steven Noll joined us for the bimonthly Museum Volunteer Association meeting. He teaches in the History Department at the University of Florida, specializing in the history of Florida waterways, among other subjects. Dr. Noll provided a special presentation on the infamous Cross Florida Barge Canal project that has plagued Florida for over a century. You can find remnants of the project throughout central Florida today! *(To the left Dr. Noll fields questions from the audience at the History Center.)*



Delta Heavy Arrival

Visitors will find a new rocket model on display inside the Exhibit Hall. A 1:30 scale Delta IV Heavy model was transferred from Patrick SFB to the Museum. Thank you to Museum Volunteer Scott Zamorski for assisting with the move. The model will help us portray the era of Evolved Expendable launch Vehicles that dominated the Cape for decades beginning in 1994. The last Delta Heavy launched on 9 April 2024 with the NROL-70 mission. *(To the right Rupert poses with the new addition to the displays inside the Exhibit Hall.)*



Celebratory Ceremonies

The Cape Canaveral Space Force Museum is honored to provide multiple venues for military ceremonies as a way to show our appreciation for our servicemembers and the sacrifices they make. Many are scheduled for the coming months. Just recently in Hangar C, we hosted a reenlistment ceremony for the 45th Weather Squadron, a retirement ceremony for the 45th Security Forces Squadron, and a promotion ceremony for the 5th Space Launch Squadron. *(To the left a member of the 45th Weather Squadron takes the oath during his reenlistment ceremony.)*

Museum Updates and News

Fitness Challenge Victory

Museum Director Jamie Draper took sixth place out of 2,000 participants in a recent fitness challenge! The challenge was open to all Air Force and Space Force civilians and took place between 1 April and 12 May. The goal was 250,000 steps. Mr. Draper set a personal goal of 600,000 steps (converted from street cycling activity) but ended up with 934,744 steps total! The Draper Family motto is Motu Viget – “Strength through activity”. (To the right is a collage of Mr. Draper’s selfies from various long-distance bike rides.)



New Outreach Initiative

The Cape Canaveral Space Force Museum and Sands Space History Center are among two of the 17 participating museums for a new Summer Passport program. The Cape Canaveral Lighthouse is also involved. This program is the result of a partnership between Education & Citizenship Armed Forces Coalition of the Space Coast (ECAC) and the Museums of Brevard (MOB). Expect to see more students through our doors this summer as a result! (To the left is a sample Summer Passport.)

Airman Magazine Filming

The Public Affairs Office for Space Launch Delta 45 scheduled the filming of interviews at the Museum for Airman Magazine. It will be great exposure for the Museum and will allow us to tap into different audiences. Those interviewed were U.S. Space Force Guardians and civilians talking about their role in space logistics – a great subject to discuss at the site where America entered the Space Age! (To the right shows filming of one of our Space Force Guardians within the Blockhouse at historic Launch Complex 26.)



Foundation Update



**FREE
ADMISSION**

2024

SPACE

COLLECTIBLES

**SATURDAY
AUGUST, 10
10:00AM - 3:00PM**

Sands Space History Center
Near the SOUTH GATE of
Cape Canaveral Space Force Station

*All kinds of
Space Related Collectibles,
Artifacts, and Gifts*

Sponsored By:



UNITED STATES
SPACE FORCE
HISTORICAL FOUNDATION

THE USSFHF IS A PRIVATE ORGANIZATION. IT IS NOT A PART OF THE DEPARTMENT OF DEFENSE OR ANY OF ITS COMPONENTS AND IT HAS NO GOVERNMENTAL STATUS

For More Information or Directions Call:
(321) 698-5854 www.CCSpaceMuseum.org

Our Museum Family



CAPE CANAVERAL
SPACE FORCE
MUSEUM

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James Draper, Museum Director

Museum Volunteer Association:

Randy Wehrung, Chairperson

Lee Kjesbo, Vice Chair

Bill Jelen, Secretary



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Steven Lepper, Major General, USAF (ret.)
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