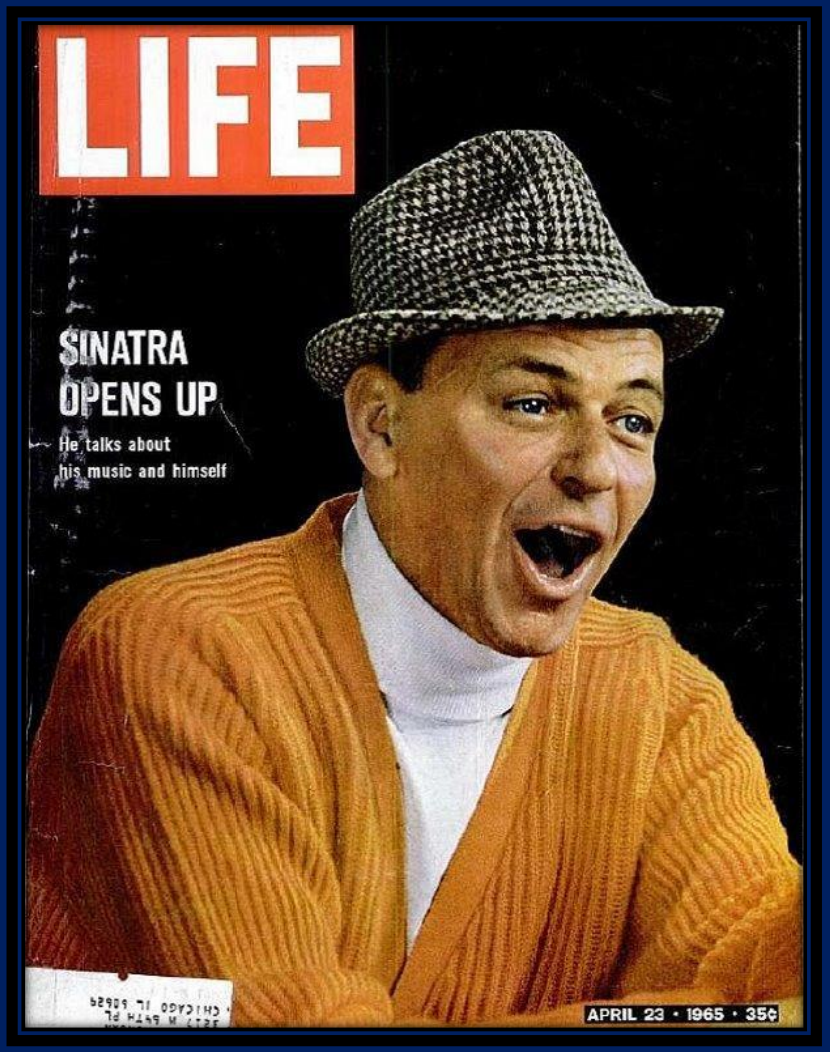
America's Gateway to Space™

CAMDEN COUNTY - GEORGIA - U.S.A.

What did Camden County, Georgia and Frank Sinatra have in common in 1965?



LIFE MAGAZINE APRIL 23, 1965

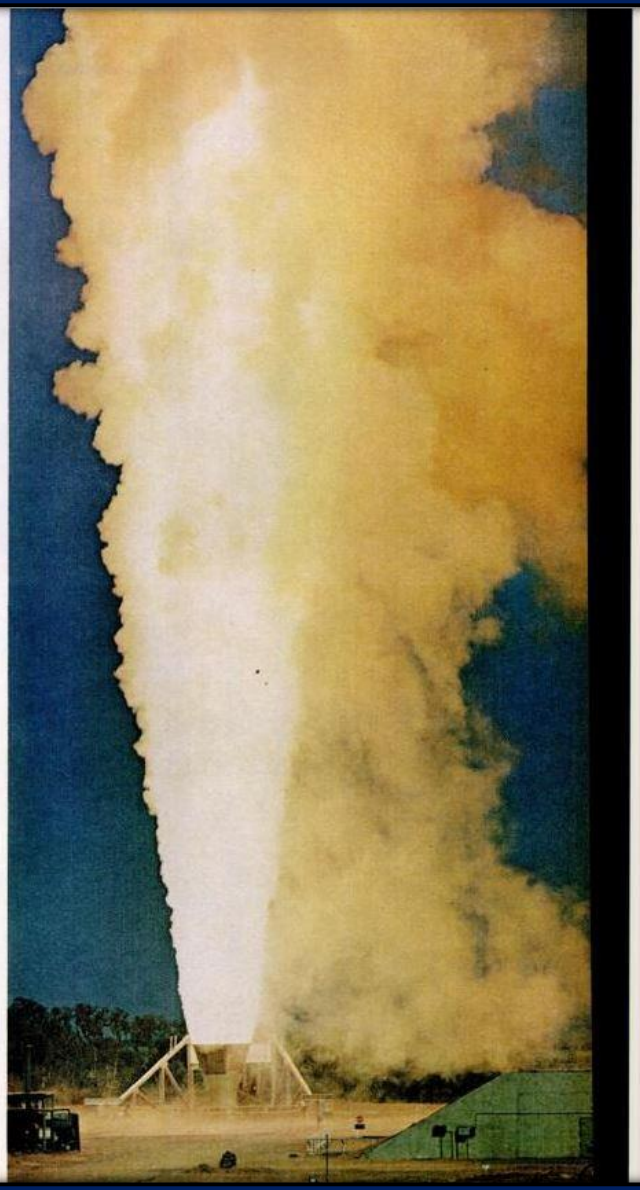
Giant motor was ignited by an ingenious method. A tiny solid rocket, rising over the smoke cloud above, sat over nozzle. When it was launched, its fiery blast set off big motor. Flame rose 750 feet, burned 70 seconds.

U.S. sets off its biggest rocket

Dilemma of a Solid Success

Erupting with volcanolike sound and fury from a hole 10 stories deep near Brunswick, Ga., this spectacular pillar of fire gave the U.S. space program a new success—and, with it, a new dilemma. In its first static test-firing, the huge solid-fueled rocket motor generated over three million pounds of thrust—twice that of the liquid-fueled Saturn I, until now the world's mightiest known rocket. Yet the 40,000 tons of solid fuel burned so evenly that the well-insulated rocket case stayed cool enough to use over again. NASA Propulsion Chief A.O. Tischler called the test—conducted by Thiokol Chemical Corp., who developed the engine—an "unmitigated, unqualified, unequivocal, unadulterated success." But it highlighted an ironic problem: NASA says it has no money to continue developing big solids and doesn't know what to do.

CONTINUED



OUR VISION

To develop a successful world-class spaceport through a public-private partnership that establishes Camden County as the Commercial Space Center of the United States.

LICENSING & PERMITTING

- Spaceflight site licensing is done by the FAA (the lead federal agency).
- Safety of the uninvolved public is paramount.
- Spaceport Camden County will only occur if FAA approves.
- The approval process involves significant public involvement and government stakeholders.
- The National Aeronautics and Space Administration and National Park Service are cooperating agencies for the Environmental Impact Statement (EIS).

LICENSING & PERMITTING PROCESS

Office of Commercial Space Transportation (AST)
Licensing and Permitting Review

- **Policy Review** – Determines whether a proposed launch would jeopardize U.S. National Security, International Obligations or Foreign policy Interest.
- **Payload Review** – Determines if a license applicant or payload owner or operator has obtained all required licenses, authorizations, and permits. Does not apply to payloads under the jurisdiction of any other government agency.
- **Financial Responsibility Determination** – Proof of financial responsibility is required. This is usually fulfilled by purchase of liability insurance.
- **Environmental Review** – Proposal must be reviewed under NEPA. Upon completion, this EIS process will fulfill the environmental review portion of the license application (after the FAA publishes the Final EIS and Record of Decision).
- **Safety Review** – Determines if an applicant can safely conduct the launch of the proposed launch vehicle(s) and payloads(s).

CAMDEN'S SPACE CONNECTION

- 1965 – THE THIOKOL CORPORATION TESTED THE WORLD'S MOST POWERFUL ROCKET ENGINE IN PREPARATION FOR FLIGHTS TO THE MOON. THE TEST WAS DONE IN CAMDEN COUNTY ON THE SITE OF THE PROPOSED SPACEPORT.
- APOLLO MISSION – CAMDEN COUNTY WAS CONSIDERED AS A CANDIDATE LAUNCH SITE FOR THE APOLLO MISSIONS.

REDEVELOPMENT: MAKING THE OLD NEW AGAIN

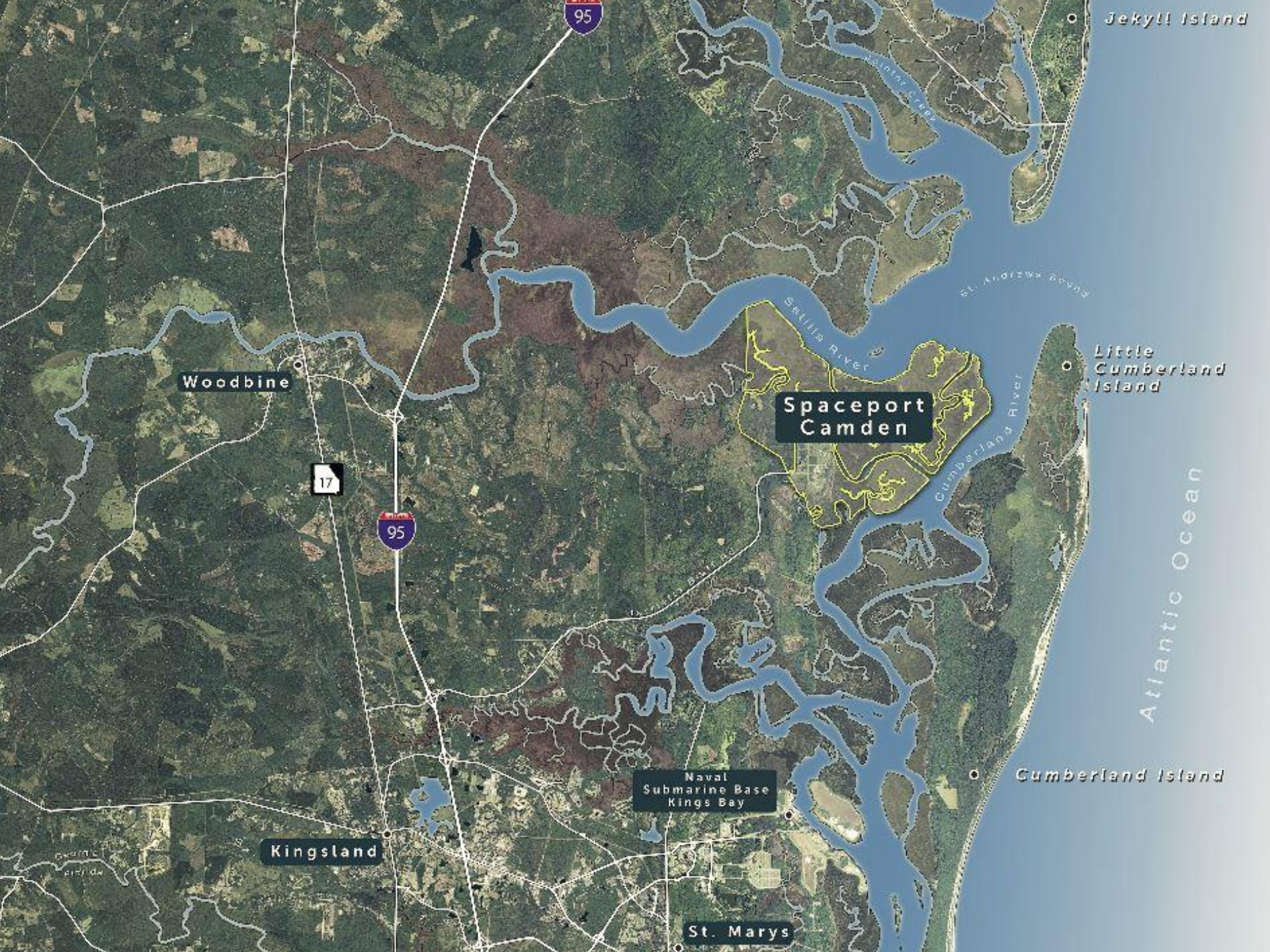
- THE PROPOSED PROPERTY IS A FORMER TESTING FACILITY OF THE WORLD'S MOST POWERFUL ROCKET.
- THE PROPOSED PROPERTY IS A FORMER INDUSTRIAL SITE WHERE PESTICIDES AND MUNITIONS WERE MANUFACTURED AND TESTED.
- AS PART OF THE OVERALL PLAN, WITH THE OVERSIGHT OF THE GA EPD, PARTS OF THE PROPERTY WILL BE REMEDIATED, REDEVELOPED AND REPURPOSED FOR SPACEPORT ACTIVITIES.
- MUCH OF THE 12,000+/- ACRES (MARSH LANDS / BUFFER) WILL BE DESIGNATED AS "CONSERVATION AREAS."

Photo from 1965 at the Thiokol Testing Site in Camden County, GA

BIG VISION WITH A SMART LOCATION

- THE PROPOSED SITE IS REMOTE FROM MAJOR POPULATION CENTERS, WITH CLOSE PROXIMITY TO THE ATLANTIC OCEAN.
- INITIAL EXPECTATIONS OF THE ENVIRONMENTAL IMPACT OF THE PROJECT ARE EXPECTED TO BE MINIMAL.
- ASSESSED VIA FAA-LED, NEPA-COMPLIANT ENVIRONMENTAL IMPACT STATEMENT (EIS).

FAA = Federal Aviation Administration
NEPA = National Environmental Protection Act


Jekyll Island
Satilla River
St. Andrews Sound
Little Cumberland Island
Spaceport Camden
Cumberland River
Atlantic Ocean
Woodbine
95
17
95
Naval Submarine Base Kings Bay
Cumberland Island
Kingsland
St. Marys

SPACEPORT CAMDEN CONCEPTUAL OUTLAY

LAUNCH COMPLEX OVERVIEW

VIEW FROM LANDING ZONE

CLOSE UP OF LANDING ZONE

WHY CAMDEN COUNTY?

- CAMDEN HAS A LARGE, INDUSTRIAL SITE ADJACENT TO THE ATLANTIC OCEAN.
- THE SOUTHERLY LOCATION AND FAVORABLE LAUNCH ANGLES ENABLE MORE PAYLOADS.
- NEARBY RAIL, BARGE AND I-95 ACCESS ENABLES MORE LOGISTICS OPTIONS FOR INDUSTRY TO ESTABLISH OPERATIONS.
- GLOBAL SPACE ECONOMY OF $300+ BILLION.
- COMMERCIAL SPACE: AN EMERGING INDUSTRY FOR GEORGIA.
- COASTAL AREA TO BE KNOWN AS GEORGIA'S SPACE COAST.

WHY CAMDEN COUNTY?

- I-95 RE-BRANDING AS HIGH TECH CORRIDOR.
- EACH YEAR GEORGIA TECH GRADUATES MORE THAN 200 AEROSPACE STUDENTS.
- SPACEPORT CAMDEN IS ALREADY ATTRACTING INTEREST FOR SATELLITE UNIVERSITY CAMPUSES.
- $10 BILLION PER YEAR PROJECTED INVESTMENT BY INDUSTRIES LOOKING TO ENTER COMMERCIAL SPACE.
- 900+ COMMERCIAL SPACE COMPANIES AROUND THE WORLD.
- WILL BENEFIT EVERY SMALL BUSINESS, REAL ESTATE OWNER, RESTAURANT AND HOTEL.

WHY DEVELOP A SPACEPORT IN CAMDEN?

CAMDEN COUNTY BY COMPARISON

Launch Site	Latitude	Range of Achievable Direct Orbit Inclinations	Free Boost Velocity
Camden County	30.8° N	31° - 58°	399 m/s
Kennedy Space Center	28.6° N	28° - 62°	408 m/s
Proposed Texas Site	26.0° N	25° - 26° and 29° - 40°	418 m/s
Wallops Flight Facility	37.9° N	38° - 60°	366 m/s
Vandenberg AFB	34.7° N	51° - 145°	382 m/s

SCIENCE SHARES THE STAGE WITH NATURE

NEXT MILESTONE

The FAA will be hosting a public scoping meeting at the following date, time, and location:

Monday, December 7, 2015
5:00 PM to 8:00 PM
Camden County Public Services Authority Recreation Center
Community Room
1050 Wildcat Drive
Kingsland, Georgia 31548
FAACamdenSpaceportEIS@Leidos.com

The meeting format will include an open-house workshop from 5:00 PM to 6:00 PM. During the open house, there will be a table with comment forms for writing your comments, or you may speak to the stenographer who will record your comments. The FAA will provide an overview of the environmental process from 6:00 PM to 6:15 PM, followed by a public comment period from 6:15 PM to 8:00 PM. During the public comment period, members of the public may provide up to a 2-minute statement. The FAA will transcribe oral comments.

Comments, statements, or questions concerning scoping issues or the EIS process should be mailed to: Ms. Stacey M. Zee, FAA Environmental Specialist, Spaceport Camden County EIS, c/o Leidos, 20201 Century Boulevard, Suite 105, Germantown, MD 20874. Comments can also be sent by email to FAACamdenSpaceportEIS@Leidos.com.

All comments received during the scoping period, whether provided in writing or verbally, will be given equal weight and will be taken into consideration in the preparation of the Draft EIS.

More information on the proposed project and the NEPA process is available on the project website at: http://www.faa.gov/about/office_org/headquarters_offices/ast/environmental/nepa_docs/review/documents_progress/camden_spaceport/

WE MUST HAVE THE COURAGE TO CREATE CHANGE

Please visit us at
www.SpacePortCamden.us