

*Launching West Texas Into
an Exciting New Millennium*

The Texas Initiative

State-wide Goals

The Texas Aerospace Commission (TAC) has initiated a state-wide spaceport development program:

- To promote and support new commercial launch services
- To accommodate suborbital rocket technology testing
- To create hands-on education and job training opportunities

Three Candidate Sites

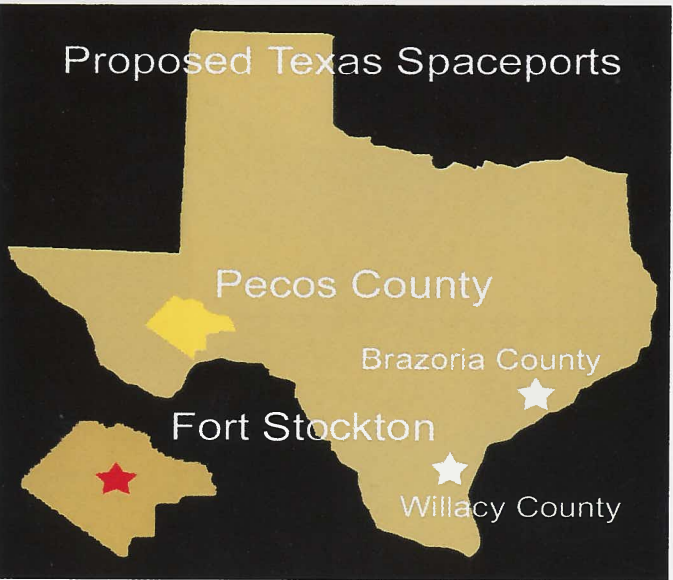
The State of Texas has authorized and financed three regional organizations to begin planning and implementation:

- The Pecos County/West Texas Spaceport Development Corporation
- The Willacy County Development Corporation for Spaceport Facilities
- The Gulf Coast Regional Spaceport Development Corporation

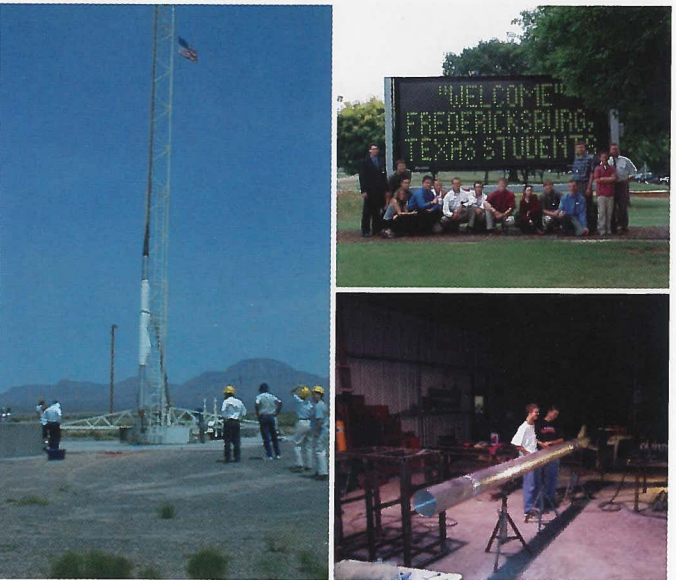
Progress in Pecos County

Advancements at the Pecos County/West Texas location are transforming plans to realities:

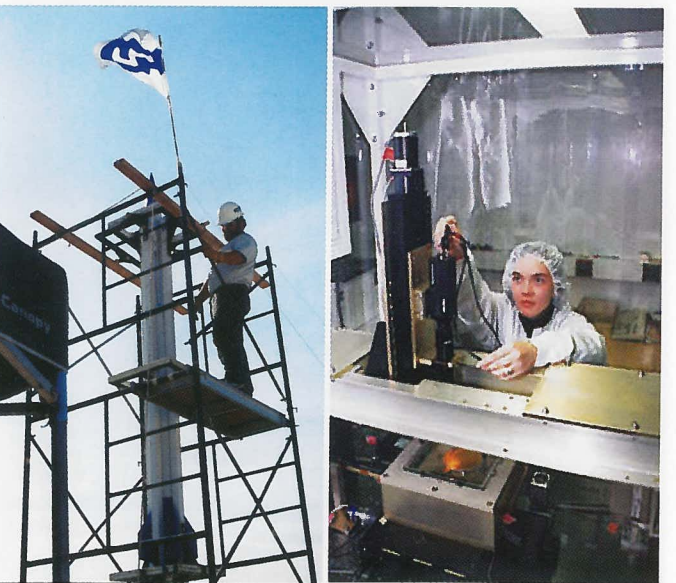
- Suitable land has been acquired for the spaceport site.
- Suborbital launches commenced at the site in October, 2002.
- Service fees are supporting site infrastructure construction.



JP Aerospace flight operations.



Fredericksburg High School Aerospace Program.



JP Aerospace and NASA images.

Development Priorities

Space Commerce

Pecos County planners and developers are working with private companies to provide cheaper access to space:

- JP Aerospace has begun to launch suborbital rockets from the site.
- The US Air Force is an initial payload customer.
- Some flights will test a balloon launch platform approach.

Space Education

New programs and activities will stimulate student learning and leadership through challenging experiences:

- Partnerships are being established with state and local institutions.
- Fredericksburg High School students will launch a rocket from the site.
- A Space Technology and Research (STAR) Center is being planned.

Employment and Training

Spaceport development and programs will yield important economic benefits to the state and region:

- Rural Texas areas will gain access to high-tech industries.
- Skilled work force training will support aerospace businesses.
- Priority job readiness programs are targeted on minority groups.

Site Advantages

Geographic Benefits

Selected as one of three candidates Texas sites, the inland location offers important launch advantages:

- Low population densities in the area and along flight trajectories
- No conflicts with commercial and government aviation air corridors
- Good access for surface delivery of rocket vehicles and payloads



The Fort Stockton area.

Favorable Launch Features

The Fort Stockton area site offers ideal operational conditions for many launch service providers:

- Expansive, flat open space for launch and recovery needs
- Excellent climate for year-round flight and recovery operations
- Access to water, energy and other resources to accommodate users

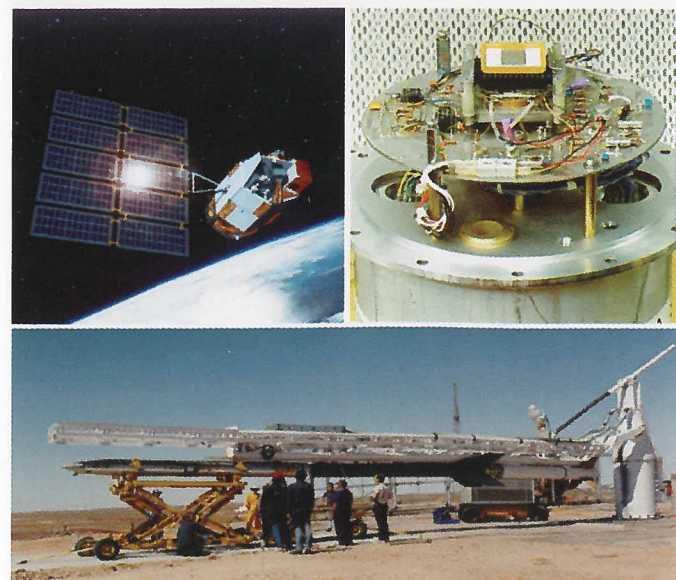


The site area contains abandoned water and energy.

User-Friendly Environment

The spaceport development program enjoys strong state, regional and community support:

- Cooperative business climate for launch providers and customers
- Initially targets inexpensive but profitable microsat services
- Rapid customer access is afforded to expedite flight opportunities



Souling rocket and microsats.



Resource Organizations

National and State Agencies

Spaceport development activities are being supported by government sponsors and launch customers:

- The State of Texas has issued a research and planning grant.
- USDA funding and TDA technical assistance are providing support.
- Site user fees are being contributed by the U.S. Air Force.

University Participants

State and local universities and colleges are performing key research and planning roles:

- Launch market analysis and economic impact studies
- Site infrastructure and facility requirement evaluations
- STAR Center education program development and coordination

Private and Public Contributors

Planning and implementation draws upon vital leadership and support from enabling entities:

- Launch safety research, planning licensing arrangements
- Negotiations and agreements with land owners and site users
- Development and implementation of space education programs

Business Opportunities

Launch and Support Services

Spaceport development and operations will stimulate the local economy and will create jobs:

- Employment from spaceport operators and users
- Engineering and construction jobs for infrastructure and facilities
- Increased demands for housing and residence support services



Construction and service activities will provide jobs.

Technology Development

The spaceport will bring a variety of new high-tech industries into the region and locality:

- Launch vehicle component and payload developers
- Testing laboratories for commercial and experimental systems
- Research and development funds for businesses and universities

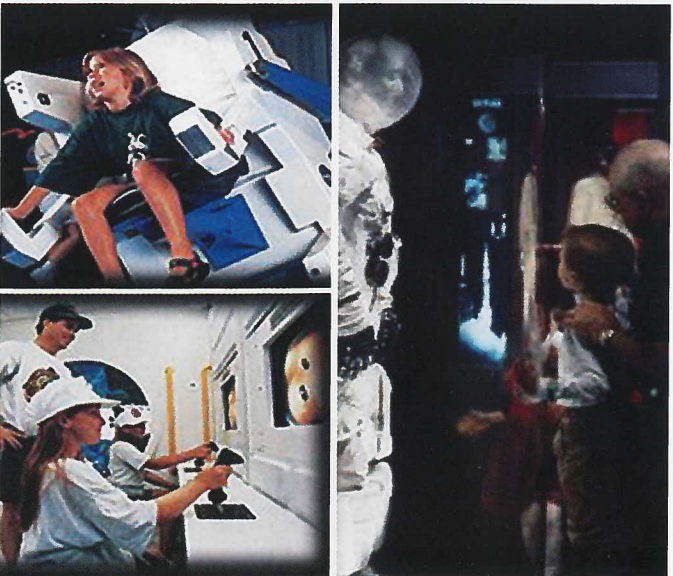


Photos from University of Pennsylvania.

Tourism

Many visitors will be attracted to the vicinity and site, particularly during launch events, requiring:

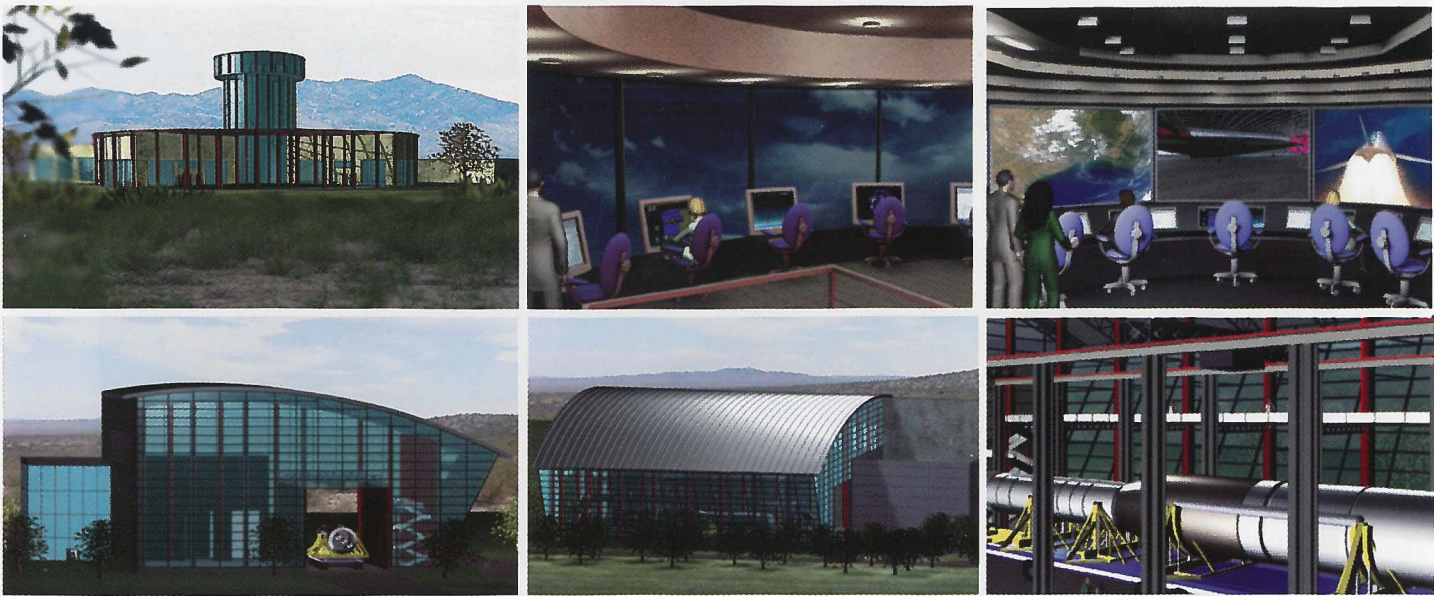
- Hotel lodging for families and corporate launch participants
- Area-wide and on-site dining accommodations
- Space theme souvenir shops and entertainment/learning centers



Photos from Space Center Houston.

Visions of the Future

Concepts and illustrations developed by SICSA



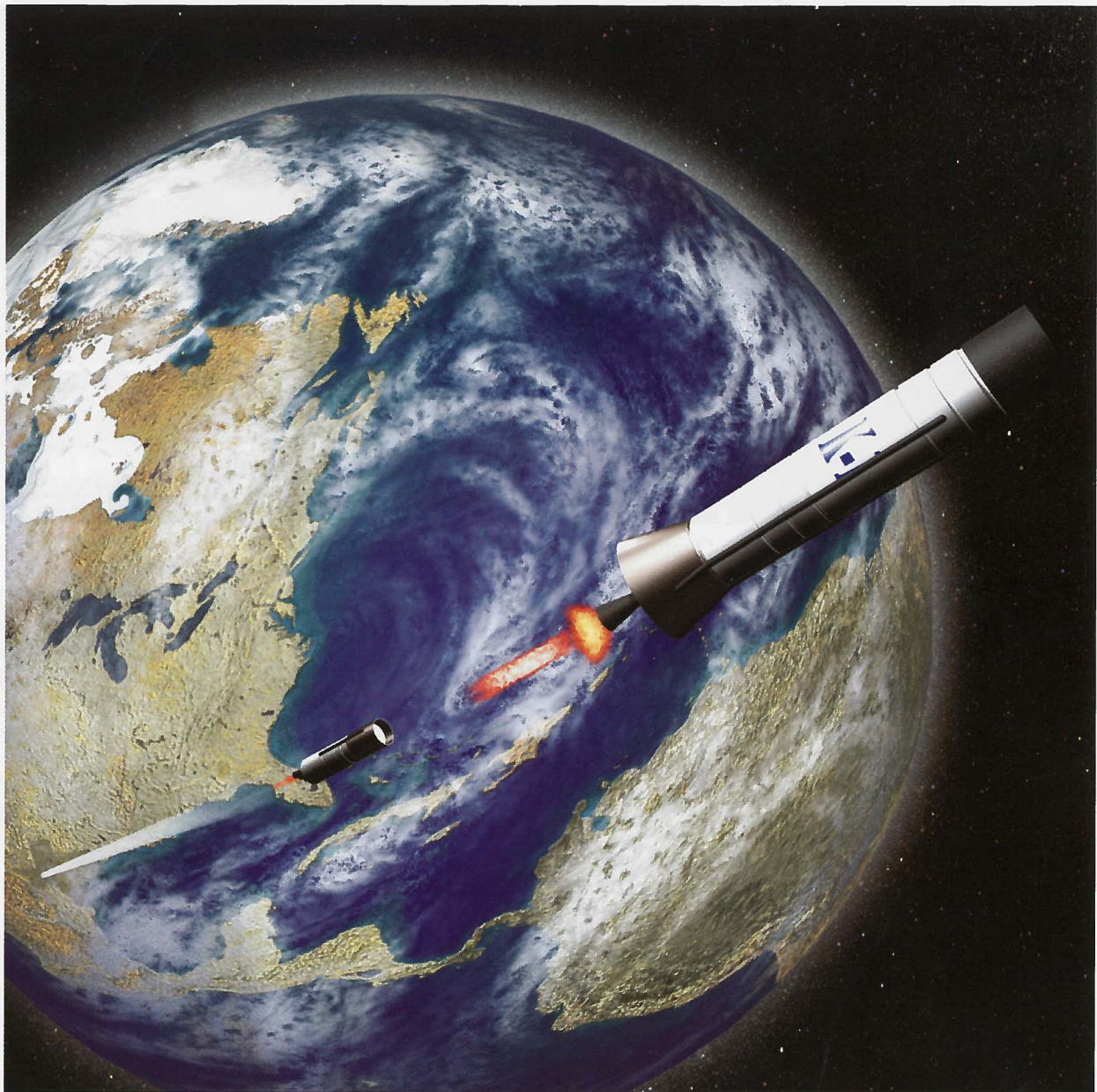
Launch Control and Vehicle Preparation Facilities.



Security, Emergency and Technology Facilities.



STAR Center, Hotel and Tourism Facilities.



Texas Aerospace Commission



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