

# SPACE FLORIDA

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**Federal Aviation  
Administration**

# SPACE FLORIDA

## Corporate Office:

505 Odyssey Way, Suite 300  
Exploration Park, FL 32953

## Launch Complex 46

Located on the easternmost  
point of CCSFS

## Launch and Landing Facility:

BLDG J6-2313  
Kennedy SP CT, FL 32899



## MISSION / PURPOSE

- Increase investment activity in Florida's Aerospace Ecosystem
- Maximize capacity and capability of Florida's Spaceport System
- Accelerate innovation in commercial aerospace applications
- Enable statewide industry growth

## VISION

- The future is a place where Florida is the leading global and interplanetary center for sustainable aerospace commerce.

## SPACEPORT HIGHLIGHT

- Available for both horizontal and vertical launch
- Launch Complex 46
  - » Currently supports launch vehicles with maximum dimensions of 120 ft. (36 m.) in height
  - » Payload diameters between 50-120 in. (125-300 cm.)
  - » Payload lift capabilities for low earth orbit in excess of 4,900 lbs. (2,227 kg)
- Launch and Landing Facility (LLF)
  - » 15,000 ft. long by 300 ft. wide runway
  - » 1,000 ft. overrun on each end
  - » Can be used for horizontal launch and landing, re-entry, suborbital flight training, on-load and off-load of critical space hardware, straight-line aerodynamics testing, etc.
- Space Florida is a public corporation and a special-purpose entity that was created to strengthen Florida's position as a global leader in aerospace commerce.

## MASTER/LONG-TERM PLAN

- Master Plan is updated every few years to meet demand
- Capable of both horizontal and vertical launch
  - » Development to continue to support horizontal and vertical launch, LLF has 30 and 70 acre sites currently available
  - » Expanding horizontal and vertical launch capabilities to meet demand
- 900 acres of developable land
  - » A utility corridor has been built at the LLF
- International and Domestic Interest

## NEW FEATURES OF THE SPACEPORT

- Power and Communication adjacent to the runway
- New Utility Corridor with road access to parcels

## ON-SITE TENANTS

- Sierra Space
  - » Landing and Recovery agreement
- Starfighter Inc.
- NASA Flight Operations
- Frequent Customers include: SpaceX, Blue Origin, Intuitive Machines, Axiom Space, Polaris Dawn and NASA Commercial Crew

## LOCATION ADVANTAGE

- Florida and Cape Canaveral are close to the equator
- Polar launches have been performed

- Vast variety of inclination for launches
  - » LEO, GEO, SSO launches are possible
- Weather Services
  - » Able to plan for weather patterns
  - » Real time weather reports
  - » Direct Launch Support
- Support Infrastructure can be supported by Space Force

## SPACEPORT ACCESSIBILITY

- Proximity to the ocean
  - » Multiple ports
  - » Port Canaveral
  - » Deep water channels
- Recovery and Processing happens close to the site
  - » Roads built to support the facility
- I-95 nearby
- Airports
  - » Cargo can be brought in and out

