U.S. Spaceports Online Reference Guide

https://nmsu.contentdm.oclc.org/digital/collection/NMSGCBOK

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Team Members

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> Students:

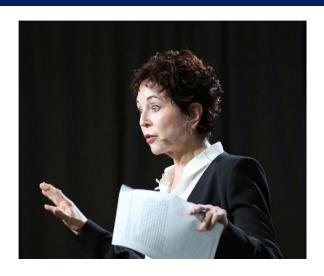


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Presentation Overview

- Team Members
- U.S. Spaceports Online Reference Guide Overview
- Task 380 Description
- Research Methodology
- Emergence Database Queries & Search Results
- Usage Statistics
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Project Overview, Details and why they Matter

- FAA Goal
- Task 380 Description
- Emergence Theory
- Why it Matters Users are growing
- History of the Online Reference Guide
- Category 13

U.S. Spaceports Online Reference Guide



Task 380 Description

Find and Categorize Spaceport Related Emergence Incidents. Created a Data Base

2020-2021.

- Create: Spaceport Emergence Database and add to the U.S. Spaceports Online Reference Guide
 - Category 13
- Ongoing updates and maintenance of access to the U.S. Spaceports Online Reference Guide
 - https://nmsu.contentdm.oclc.org/digital/collection/NMSGCBOK
- Spaceport Incidents and Events

Methodology

Created a New: Category 13. Spaceport Emergence Database

Interviewed: 20 current and past U.S Spaceport CEOs and Executives. 450 pages of transcripts added.

Tracked Down: 300+ cited documents and added to the data base.

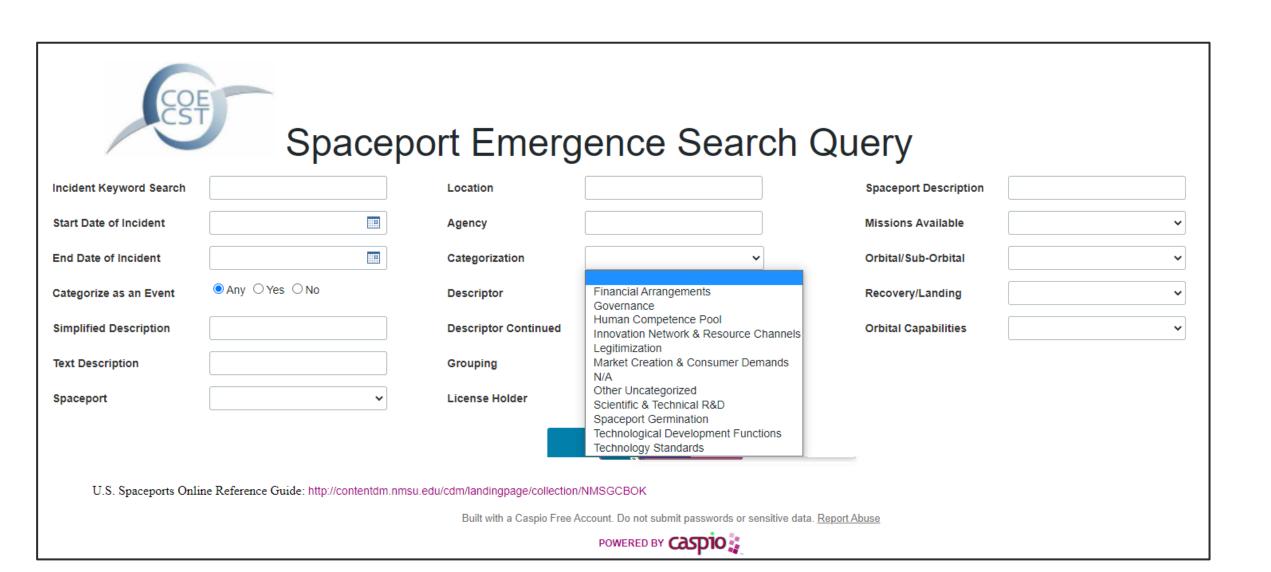
11 Database Topics

Legitimization; Finance; Governance; Market Creation; Workforce; Science and Technology R&D; Tech Development and Functions; Tech Standards, Innovation Network and Resource Channels; Spaceport Germination.

Category 13 Overview

- The database is in Category 13 of the U.S. Spaceports Online Reference Guide
- Category 13 also has a document labeled "Instructions For the Spaceport Emergence Database"
- Category 13 contains incidents and events pertaining to the emergence of licensed spaceports in the U.S.
- All incidents are from interviews and documents provided by spaceport executives, research, and news articles
 - All incidents are cited
 - Audio recordings and transcripts are retained by NMSU

Query Screen



Search Results - Partial

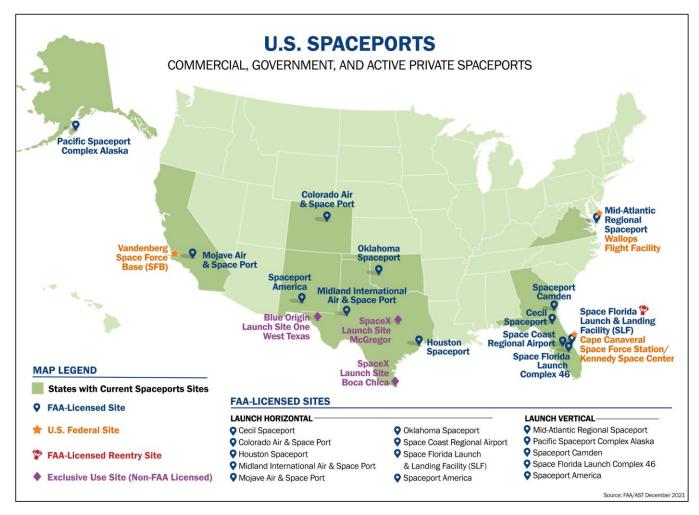
Q Se	Search Again 📋 Download Data ▼											
ID	Incident Name	Date of Incident 🔺	Categorize as an Event	Simplified Description	Text Description	Spaceport	Location	Agency	Incident Classification	Incident Descriptor	Incident Descriptor Continued	Incident Grouping
263	Titusville Cocoa Airport Authority is Created	1/1/1963	No	Titusville Cocoa Airport Authority is Created to Operate the Airport Facilities.	Titusville Cocoa Airport Authority is Created to Operate the Airport Facilities.	Space Coast Regional Airport	Titusville, Florida	Titusville Cocoa Airport Authority	Spaceport Germination	N/A	N/A	Proprietary Functions
34	National Space Policy Adapted	7/4/1982	Yes	President Ronald Reagan adopts a new National Space Policy on July 4, 1982	President Reagan announced on July 4, 1982 that a National Space Policy will be adopted that will set the new direction of U.S. efforts in space for the next decade.	N/A	Washington, D.C.	FAA	Governance	U.S. Law, Regulation, Authorization	Spaceport Laws	Institutional Arrangements
32	National Security Council Issued Policy for ELV Commercialization	1/1/1983	No	The National Security Council Issued Policy for ELV (Evolving Launch Vehicle) Commercialization	The National Security Council issued a comprehensive policy for Evolving Launch Vehicle (ELV) commercialization in 1983.	N/A	N/A	FAA ; National Security Council	Governance	Norms & Rules	N/A	Institutional Arrangements
142	The Office of Commercial Space Transportation (AST) is established	1/1/1984	Yes	The Office of Commercial Space Transportation (AST) is established	The Office of Commercial Space Transportation (AST) is established as amended and recodified at 51 U.S.C. 50901 – 50923) as part of the Office of the Secretary of Transportation within the Department of Transportation (DOT)	N/A	Washington D.C.	AST	Governance	U.S. Law, Regulation, Authorization	Spaceport Laws	Institutional Arrangements

Overview: U.S. Spaceports Online Reference Guide

- 13 current categories in Spaceports Online Reference Guide
- 240 cited or linked documents
- Averages 4000 individual document opens per month. 2021 50,000+
- More than 210,000 document opens *2015-present
- See 2021/22 stats below:

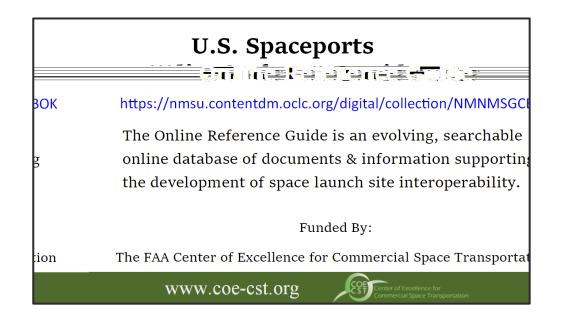
Month	Hits	Page Views	Visitors
Jan 2021	2,801	2,500	701
Feb 2021	3,842	3,272	647
Mar 2021	4,810	4,127	772
Apr 2021	4,128	3,710	863
May 2021	3,733	3,443	956
Jun 2021	4,000	3,557	796
Jul 2021	3,186	2,895	707
Aug 2021	4,776	4,504	988
Sep 2021	3,785	3,446	737
Oct 2021	8,239	7,830	1,008
Nov 2021	4,713	4,420	1,333
Dec 2021	2,474	2,463	916
Total	50,487	46,167	10,424
Jan 2022	6,793	6,580	822
Feb 2022	4,900	4,846	778
Mar 2022	5,564	5,400	1,032
Total	17,257	16,826	2,632

FAA Licensed Spaceports



License \$	Operator \$	Site \$	Location \$	Expiration :
LRSO 18-018 (PDF)	Space Florida	Cape Canaveral Spaceport/Shuttle Landing Facility	FL	Jan 15, 2026
LSO 02-007A (rev2) (PDF)	Virginia Commercial Space Flight Authority	Wallops Flight Facility	VA	Dec 18, 2022
LSO 03-008A (Rev 6) (PDF)	Alaska Aerospace Corporation	Pacific Spaceport Complex Alaska	AK	Sep 23, 2023
LSO 04-009 (Rev. 6) (PDF)	Mojave Air & Space Port	Mojave Air & Space Port	CA	Jun 16, 2024
LSO 06-010 (Rev. 3) (PDF)	Oklahoma Space Industry Development Authority	Clinton-Sherman Industrial Airpark	ОК	Jun 4, 2026
LSO 08-011A (Rev 3.) (PDF)	New Mexico Spaceflight Authority	Spaceport America	NM	Dec 14, 2023
LSO 09-012 (Rev 2) (PDF)	Jacksonville Aviation Authority	Cecil Airport	FL	Jan 10, 2025
LSO 10-014 (Rev 1) (PDF)	Space Florida	Cape Canaveral Air Force Station	FL	Jul 1, 2025
LSO 14-015 (PDF)	Midland International Airport	Midland International Airport	TX	Sep 14, 2024
LSO 15-016 (Rev 1) (PDF)	Houston Airport System	Ellington Airport	TX	Jun 26, 2025
LSO 18-017 (PDF)	Adams County Colorado	Colorado Air & Space Port	со	Aug 16, 2023
LSO 20-019 (PDF)	Titusville-Cocoa Airport Authority (TCAA)	Space Coast Regional Airport	FL	May 5, 2025
LSO 21-020 (PDF)	Camden County	Spaceport Camden	GA	Dec 20, 2026

Your Card





Resource for industry researchers, spaceport executives, proposal preparation, emerging spaceports, federal/state government officials & universities

Thank You

For questions or input please contact:

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Thanks to:

Ken Davidian, Pam Underwood, Dr. George Nield, Kelvin Coleman, Pat Watts, Herb Bachner and the FAA AST Fred Bowen, Carol Gregorek with Orion, Ellen Boseman with NMSU Center Administrators Jim Vanderploeg, and Dave Klaus.