



**Federal Aviation
Administration**

COE CST 2014

ANNUAL TECHNICAL MEETING #4:

Task 220: Update

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QUIZ

- OPERATIONS AND MAINTENANCE (O&M) FOR COMMERCIAL SPACEPORTS IS SIMILAR.
- QUESTION 2

- TRUE OR FALSE?

ANSWER – FALSE

- ONE OF THE BIGGEST OPERATING COSTS IS FIREFIGHTING AND EMT SERVICES.
- Some spaceports are within range of local firefighting facilities - like Mojave Air and Space Port
- Spaceport America established their own fire department, hired firefighters, EMTs and purchased equipment no local facilities available

COMMERCIAL SPACEPORTS CAN BE SITED IN SIMILAR LOCATIONS AS COMMERCIAL AIRPORTS.

- True or False

False

- Population densities would preclude the majority of airport site locations... to be continued

Overview

- Quiz
- Team Members
- Task History
- Current statuses
- Next Steps
- Next Step Task 4 – Disseminate and test results

Team Members

- **Pat Hynes**, Principal Investigator, New Mexico State University
- **Paul Arthur**, Deceased in June, 2014.
Rear Admiral (Retired), Former Technical Director/Deputy
Commander, White Sands Missile Range
- **Herb Bachner**, HBachner & Associates
- **Jim Hayhoe**, Spaceport America Consultants
- **Lou Gomez**, Program Manager, Spaceport America
- **Norice Lee**, Associate Dean, Library, NMSU
- **Ingrid Schneider**, Metadata & Authority Control Librarian, Library,
NMSU
- **Marianne Bowers**, Graduate Intern, Dept. of Government, NMSU

Task 1

- Develop a Framework to capture the Body of Knowledge for Spaceport Operation Best Practices

Task 2

- Integrate into the framework Applicable Documents Relevant Materials;
- Enable Documents to Be Found by Title, Subject, Or Keyword;
- Assure Copyright Protections.

Task 3

- Implement a Document Management System (DMS)
- Add documents to the Body of Knowledge DMS Database
- Create an online searchable database.
- House the database at the NMSU Library to provide 24/7/365 access
- Assure annual updates and maintenance of site and its contents

Results

Current Status:

Online searchable data base of 124 categories related to spaceport operations.

<http://contentdm.nmsu.edu/>

Next Steps

- Disseminate results through conference papers and presentation at industry meetings.
- Survey online users
- Implement analytics onto Digital Collections site

Next Steps

- Present at ATM-5
- Publish paper in journal
- Submit two papers for publication
- Present at three conferences, create three conference papers

Conclusion

- Encourage, Facilitate Promote
- Enable & Facilitate education of a new workforce through this Digital Collection
- Promote Best Practices by Encouraging industry to share what they can to keep this collection relevant