

ISPCS 2014

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SPACEPORT AMERICA



SPACEPORT POP QUIZ

QUESTION 1

- ONE OF THE BIGGEST MANAGEMENT CHALLENGES IN BUILDING A U.S. COMMERCIAL SPACEPORT FROM THE GROUND UP IS CONSTRUCTING QUALITY SPACEWAYS, VERTICAL LAUNCH PADS AND SUPPORTING INFRASTRUCTURE.

TRUE OR FALSE?

ANSWER 1 – FALSE

- ONE OF THE BIGGEST MANAGEMENT CHALLENGES IN BUILDING A U.S. COMMERCIAL SPACEPORT FROM THE GROUND UP IS NEPA COMPLIANCE. IT CANNOT BE PREDICTED.

It's like a box of chocolates...



QUESTION 2

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

TRUE OR FALSE?

ANSWER 2 – FALSE

- ONE OF THE BIGGEST OPERATING COSTS IS FIREFIGHTING AND EMT SERVICES. SOME SPACEPORTS ARE WITHIN THE RANGE OF LOCAL FACILITIES THAT CAN PROVIDE SERVICES AND THE CAPABILITY TO SURGE AS NEEDED.



QUESTION 3

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

TRUE OR FALSE?

ANSWER 3 – FALSE

- POPULATION DENSITIES WOULD PRECLUDE THE MAJORITY OF AIRPORT SITE LOCATIONS.



QUESTION 4

- COMMERCIAL SPACEPORTS CAN BE FINANCIALLY SELF-SUSTAINING ONCE THE INDUSTRY HAS MATURED

TRUE OR FALSE?

ANSWER 4 – FALSE

- SIMILAR TO AIRPORTS TODAY, REVENUE DIVERSIFICATION IS ESSENTIAL.



QUESTION 5

- THE BUSINESS MODEL FOR ALL FAA LICENSED COMMERCIAL SPACEPORTS IS SIMILAR.

TRUE OR FALSE?

ANSWER 5 – FALSE

- THE BUSINESS MODEL DEPENDS ON MANY FACTORS THAT ARE SPECIFIC TO A PARTICULAR SPACEPORT. SOME SPACEPORTS MAY HAVE ALTERNATE SOURCES OF REVENUE THROUGH ENERGY RESOURCES, THE MOVIE INDUSTRY, AIR TRANSPORT DELIVERY OR TOURISM, FOR EXAMPLE. NO ONE SIZE FITS ALL.



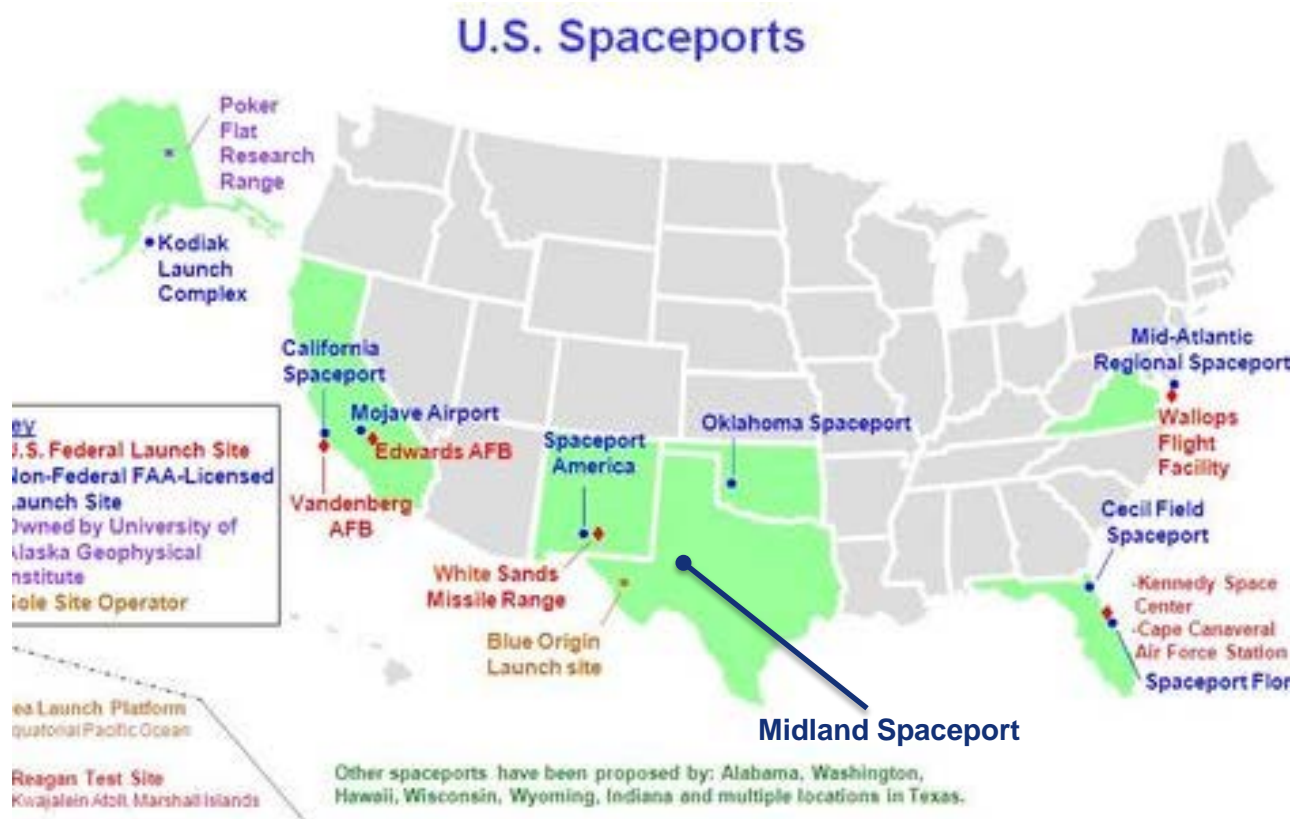
QUESTION 6

- THERE ARE EIGHT FAA LICENSED SPACEPORTS.

TRUE OR FALSE?

ANSWER 6 – FALSE

- MIDLAND, TEXAS JUST BECAME THE NINTH FAA COMMERCIAL LICENSED SPACEPORT IN SEPTEMBER.



QUESTION 7

- THE FAA CATEGORIZES LAUNCH SITE OPERATOR LICENSE AS VERTICAL LAUNCH OR HORIZONTAL LAUNCH.

TRUE OR FALSE?

ANSWER 7 – FALSE

- THE FAA SPACEPORT LICENSE IS INITIALLY BASED ON A FLIGHT VEHICLE MISSION SCENARIO. THE RESULTING LICENSE DOES NOT SPECIFY A CERTAIN TYPE OF MISSION. THEREAFTER, THE VEHICLES ARE LICENSED TO FLY A SPECIFIC MISSION AT A SPECIFIC SPACEPORT.



QUESTION 8

- IT IS A SIMPLE PROCESS TO OBTAIN A LAUNCH SITE OPERATOR LICENSE FOR AN EXISTING AIRPORT.

TRUE OR FALSE?

ANSWER 8 – FALSE

- THE FAA COMMERCIAL SPACEPORT LICENSING PROCESS IS VERY RIGOROUS AND HAVING AN EXISTING FAA COMMERCIAL AIRPORT LICENSE DOES NOT FACILITATE THE COMMERCIAL SPACEPORT LICENSING PROCESS.



QUESTION 9

- THE LONG RANGE VISION FOR COMMERCIAL SPACEPORTS IS A GLOBAL INFRASTRUCTURE SUPPORTING SUBORBITAL LAUNCHES, ORBITAL LAUNCHES, EARTH POINT TO POINT TRAVEL, AND INTER-PLANETARY TRAVEL.

TRUE OR FALSE?

ANSWER 9 - TRUE



GATEWAY AT SUNRISE



GATEWAY TO SPACE



GATEWAY AT SUNSET

