



This DRAFT PROCLAMATION does not in any way reflect approval for the Spaceport project addressed below; it only serves as talking points for possible discussion on how to best commemorate the first 100 years of Aviation in Las Vegas and provide a possible roadmap for the next 100 years with a Las Vegas Spaceport being a central feature.

**PROCLAMATION TO ADVANCE NEVADA'S AVIATION,
AEROSPACE AND TECHNICAL GOALS**

Celebrating the first 100 years of Aviation in Las Vegas from
May 7, 1920 - May 7, 2020

With a Vision and Plan for the Next 100 years of Aviation/Aerospace
and Technology Excellence in Las Vegas

1-WHEREAS the first century of aviation, aerospace and technology transformed Las Vegas from being a city only selectively accessible via ground travel to that of being continually accessible to the world;

2-WHEREAS the second century of aviation, aerospace & technology in Las Vegas is recognized as vital to fulfilling the new and expanding roles Las Vegas is capable of as a world leader in aerospace & technology;

3-WHEREAS on May 7, 1920 the first airplane ever landed in Las Vegas, piloted by Mr. Randall Henderson;

4-WHEREAS May 7, 2020 marks the Centennial of that first ever airplane landing in Las Vegas;

5-WHEREAS Clark County, Las Vegas and surrounding cities recognize the significance of that first airplane landing as ushering in the world-renowned notoriety that the Las Vegas area enjoys today;

6-WHEREAS Clark County, Las Vegas and the surrounding cities are proactive in enabling in the second one-hundred years of aviation, aerospace and technology to continually position Las Vegas as a leading city of technological excellence in addition to its leadership in convention & leisure travel industry;

7-WHEREAS the last one-hundred years of aviation in Las Vegas went from one airplane landing with one visitor onboard, to approximately 45 million visitors landing each year;

8-WHEREAS advances in propulsion and airframes are rapidly spotlighting the probabilities of routine supersonic, hypersonic and spaceflight in the next ten to twenty years that will be capable of operating out of passenger airports;

9-WHEREAS it's projected that the next one hundred years of flight will proceed with mature supersonic, hypersonic and spacecraft that will equal the maturity and routine operational flow of aircraft into McCarran International Airport today;

10-WHEREAS the FAA's Office of Commercial Space was established over a decade ago in Washington DC to proactively guide the evolving supersonic, hypersonic and spaceflight requirements for integration into the National Airspace System and existing airports;

11-WHEREAS the era of privatized Commercial Space and "New Space" is an important part of the modern day Space initiative infrastructure

12-WHEREAS a commercial spacecraft, smaller yet similar to the Space Shuttle Orbiter known as "The Dreamchaser"
<https://www.sncorp.com/what-we-do/dream-chaser-space-vehicle/>
has been created by the Sierra Nevada Corporation (a Nevada Company) that is designed to land at commercial airports today;

13-WHEREAS this Dreamchaser Spacecraft only requires approximately 10,000 feet of runway length to safely land, and upon wheel-stop is quickly towed off the active runway where it landed;

14-WHEREAS Las Vegas has four qualifying runways for Dreamchaser landings that are 10,000 feet or greater, with two at McCarran, and two at Nellis;

15-WHEREAS upon FAA Certification, these four runways in the Las Vegas vicinity are key to Las Vegas becoming an actual certified Spaceport;

16-WHEREAS for Las Vegas to gain FAA Certification, an environmental and safety study must be accomplished in two phases: Phase 1 costing roughly \$.5M and quantifying whether or not operations can safely occur, and Phase 2 costing roughly \$1.5M is a turnkey certification process that results in Las Vegas being 'handed the key' to the Spaceport designation, allowing for supersonic, hypersonic and spacecraft operations to commence as soon as McCarran and Nellis are ready;

17-WHEREAS the Spaceport designation officially accommodates all aspects to safely mix the operation of the standard aircraft of today with the aircraft/spacecraft of tomorrow in all the required airspace combinations of concern to Las Vegas and designated adjacent areas;

18-WHEREAS the Spaceport designation not only will allow these evolving vehicles of the future to operate out of McCarran and Nellis, with Nellis emphasis on Military Missions likely resulting from the new United States Space Force, the Spaceport designation will also serve as a magnet to attract technical industries to the Las Vegas area as part of a local supply chain to sustain and grow the Civilian and Military aspects/applications of this industry;

19-WHEREAS the existing and largely silent defense contractors supporting local military operations would benefit from the cross-pollination induced by the existence of the new infrastructure and supply chain the Las Vegas Spaceport would bring to our area;

20-WHEREAS tangential related industries will be inclined to consider Las Vegas as a home for their operations;

21-WHEREAS Las Vegas is poised to be the capital of the rapidly growing "Small Satellite" industry, attracting the corresponding

technical expertise and manufacturing so far unclaimed by any other city;

22-WHEREAS the notoriety of Las Vegas being a Spaceport will carry a magnetic message to the world that Las Vegas is not only a Convention and Leisure destination city, but is also a Technical City of Excellence;

23-WHEREAS word-of-mouth notoriety of Las Vegas being a Spaceport will widely be spread for free by flightcrew announcements to passengers, adding another level of excitement for passengers arriving into a Spaceport for their visit to Las Vegas;

24-WHEREAS the existence of the Spaceport itself would require zero paid advertising, and yet would provide a new spin of notoriety for Las Vegas to capitalize on with zero risk;

25-WHEREAS new concepts for Las Vegas gift memorabilia, restaurant venues and the like may result from the Spaceport designation;

26-WHEREAS companies such as "Zero G" <https://www.gozerog.com> may be attracted to exploring a permanent presence in Las Vegas with sustained 24/7 flight opportunities in weightlessness, similar to the success of helicopter tours presently operating in Las Vegas;

27-WHEREAS the Conference and Convention market for aerospace related events in Las Vegas would likely rapidly expand as aerospace & technical infrastructure expands;

28-WHEREAS the American Institute of Aeronautics and Astronautics (AIAA) has recognized the untapped market and potential of Las Vegas being an aerospace and technical city of excellence by committing to three concurrent years of hosting the ASCEND <https://www.ascend.events> Conference in Las Vegas, attracting an unprecedented number of aerospace and technical industry leaders;

29-WHEREAS the ASCEND Conference will feature key Las Vegas participation from the Hospitality, Nuclear and Innovation/Entrepreneurship sectors as they relate to the future Space Economy;

30-WHEREAS numerous technical professional societies such as the National Defense Industrial Association (NDIA), American Society of

Mechanical Engineers (ASME), Institute of Electrical and Electronics Engineers (IEEE) would be inclined to hold large national Conferences and Tradeshows in Las Vegas on a regular basis due to the Spaceport notoriety, infrastructure and braintrust it attracts;

31-WHEREAS UNLV and other local schools would have a technological focal point for engagement with the Spaceport, signaling alignment and involvement with inventing the future of Space Exploration and travel;

32-WHEREAS the Las Vegas Spaceport infrastructure would likely serve as a magnet for STEM related activities/curriculum inclusive of all grade levels and a world-class Museum & Science Center integral to these STEM activities;

33-WHEREAS on May 7, 2020 the first step of the journey towards the next one hundred years of aviation, aerospace & technology is now at hand, leveraging the original event of vision marked on May 7, 1920 with Randall Henderson's first airplane landing in Las Vegas;

NOW, THEREFORE, while it's recognized that the total turnkey cost of the Spaceport may seem significant at \$2M, this sum should be referenced in context to the large combined yearly advertising budgets of organizations such as the LVCVA, Tourism Board, LVGEA and the like, who also have the objective to attract and keep Las Vegas in the worldwide public perception.

Given that cost comparison, the reality is that the one-time cost of \$2M will most likely lead to the largest sustainable financial and industry attracting game-changer to safely keep Las Vegas known for what it's already known for, but will simultaneously enable a very desired parallel industry of Space, Science and Technology to be safely phased in, providing the resilient diversified economy Las Vegas has been attempting to accomplish for many years.

Therefore by the authority vested in the State and Local Governments of Nevada, it is hereby ordered as follows:

SECTION 1: State and Local Governments shall collaborate as applicable to advance Nevada's leadership in Aerospace & Technology

via commitment on this very special anniversary day of May 7, 2020 to the Las Vegas Spaceport.

SECTION 2: The Clark County Commission and Clark County Airport Authority in combination with Nellis AFB shall take the lead to convene meetings with all stakeholders, and provide strategic direction for meeting the goals and requirements directed by this Proclamation.

SECTION 3: This effort will proceed in phases:

A. The establishment of a small program office for strategic planning/coordinating with all stakeholders to insure the rollout of the Spaceport is done as efficiently and effectively as possible.

B. The Phase 1 Environmental and Safety feasibility study shall commence immediately at the cost of \$.5M, and completed approximately eight months after this May 7, 2020 Centennial event.

C. Assuming the Phase 1 feasibility studies green light the go ahead for Phase 2, \$1.5M will be allocated to immediately begin the Phase 2 studies, resulting in a turnkey Spaceport designation being granted to Las Vegas approximately May 2022.

SECTION 4: This order is effective upon signature and remain in effect until the granting of the Las Vegas Spaceport license.

*Prepared by Marty Waldman; Las Vegas AIAA Chapter President
Please email any questions to: LasVegasAIAA@gmail.com*