



## Robert Thomas Bigelow Class of 1962



Robert Thomas Bigelow, 68 is a native of Las Vegas, Nevada. He has been married for 48 years.

### **Experience**

Since the beginning of his career in real estate, the scope of Robert Bigelow's business endeavors has included ownership of banking operations, real estate acquisitions, sales, real estate brokerage, design, development, financing, general contracting and management of many thousands of apartments in 5 southwestern states including the extended stay hotel chain **Budget Suites of**

### **America.**

Some of his accomplishments through his finance and banking experience include being the second largest shareholder of a savings and loan, serving for five years on its board of directors and for another five-year period, he served as a director and largest shareholder of a commercial bank. Mr. Bigelow has owned and operated his own mortgage company, where he originated loans and bought and sold trust deeds and mortgages.

### **Bigelow Management Inc. (BMI)**

#### **Owner/President/CEO**

Although Mr. Bigelow has managed his own properties for many years involving hundreds of staff, this management function was not formalized until 1984. All of the staff worked under the individual legal entity ownerships of each property. Currently, BMI, functions as the management for approximately 7,500 apartments and other facilities.

## **Bigelow Development Corp.**

### **Owner/President/Licensee**

Bigelow Development Corporation as general contractor has developed and constructed approximately 14,000 units over the years. This has included multiple categories such as apartment, office, residential, hotel, motel and industrial properties.

## **Bigelow Aerospace, LLC**

### **Owner/President/Operating Manager**

In 1999, he founded Bigelow Aerospace (“BA”). BA is a general contracting, investment, research and development company that concentrates on achieving economic breakthroughs in the costs associated with the design, development and construction of habitable space stations, space transportation and launch facilities to the extent that they will be affordable for private enterprise use.

Furthering aerospace technology, he has been personally granted fifteen patents and has more that have been submitted and are awaiting approval. To date, he has spent over \$250 million on Bigelow Aerospace and is prepared to invest \$500 million by 2015 into space station structures. Bigelow Aerospace’s first flight of the 33%-scale prototype Genesis I took place on July 12, 2006. The second flight of Genesis II was launched June 28, 2007. In the fall of 2007, BA shifted its focus to the creation of its full-scale system, the BA 330. As the name indicates, the BA 330 will provide roughly 330 cubic meters of internal volume and can support a crew of up to six. Developed exclusively via private funding and without receiving any financial support from the federal government, Bigelow Aerospace has continued to mature the BA 330 and is currently on schedule to finish construction of its first privately developed habitat in 2016 ready for flight.

Bigelow Aerospace has developed strong relationships with various large and small aerospace companies both foreign and domestic. In 2003, BA acquired exclusive licenses for the commercialization of NASA expandable space habitat technologies, and has several other licensing agreements with NASA for docking, shielding systems, and expandable habitat development. In 2002, BA entered into a Space Act Agreement with NASA Johnson Space Center, and an updated version of this Agreement remains in force today. Additionally in December 2012, BA entered into an agreement with NASA to test the Bigelow Expandable Activity Module (“BEAM”) to gather knowledge on the certification process for expandable habitats as part of an integrated human qualified system and to obtain critical performance data on radiation performance, thermal control, and overall on-orbit utilization.

## **Honors, Awards & Memberships**

In 1995, he received the Distinguished Nevadan of the Year Award from the Board of Regents for the University and Community College System of Nevada. UNLV gave him

the honor of naming two buildings within colleges after family members and in 1997, the UNLV Foundation gave him the distinguished honor of being a member of the Palladium Society. He chaired and funded the Bigelow Chair of Consciousness Studies at UNLV. Mr. Bigelow was awarded the AIAA Durand Lecture for Public Service in 2004 presented for notable achievements by a scientific or technical leader. Mr. Bigelow received the Innovator's Award from the Arthur C. Clarke Foundation in October of 2006, and the Space Foundation Award for Space Achievement in 2007, as well as the Space Frontier Foundation Award "Vision to Reality" in 2007. Robert Bigelow is a member of the National Space Society, The American Institute of Aeronautics and Astronautics, The Space Frontier Foundation, an associate member of the Society of Scientific Exploration to name several organizations to which he belongs. Robert Bigelow is active and a member in various business, scientific and community organizations. He is a member of the UNLV Foundation, with personal donations to UNLV exceeding \$3,000,000. Mr. and Mrs. Bigelow are Founders of the Nevada Cancer Institute with personal donations exceeding \$2,550,000. He supports many other charities such as the Make-a-Wish Foundation, Shade Tree, Child Haven, and the Salvation Army, Smile Train, Boys and Girls Club of Las Vegas, M.D. Anderson Cancer Institute, Mothers Against Drunk Driving, Boys Town, The Lou Ruvo Brain Center and a variety of family tragedy victims.

### **Lectures and Presentations**

Mr. Bigelow has had the honor of lecturing and/or presenting for many conferences, forums and workshops including NASA, the Air Force Research Laboratory, the CIA, the Space Foundation, AIAA, NSS, Space Frontier Foundation, International Symposium for Personal and Commercial Spaceflight and others.

### **Media**

Mr. Bigelow has granted numerous interviews for television, radio and print including a few of the following: CNBC, CBS, MSNBC, Coast to Coast and KNPR News, Aviation Week & Technology, Popular Science, Popular Mechanics, Time Magazine, Readers Digest, Space.com and New Scientist.

### **Education**

Mr. Bigelow graduated from Arizona State University with a Bachelor of Science degree in Business Administration. In addition, over the years, he has completed many post-graduate business courses.

### **Patents Granted**

Robert T. Bigelow, -Inventor-, Integrated Translation Tube Assembly For A Space Module, Patent No. US 6,293,500 B1, Filed April 14, 2000 - Granted on September 25, 2001

Robert T. Bigelow, -Inventor-, Spacecraft Sleeping Berth, Patent No. US 6,467,221 B1, Filed April 23, 2000 - Granted on October 22, 2002

Robert T. Bigelow, ET AL., -Inventor-, Apparatus for Spacecraft Thermal Management, Patent No. US 6,481,670 B1, Filed October 20, 2000 - Granted on November 19, 2002

Robert T. Bigelow & Martin S. Piltch, -Inventors-, Biomass Waste Disposal Method and Apparatus, Patent No. US 6,874,434 B1, Filed April 18, 2003 - Granted on April 5, 2005

Robert T. Bigelow, -Inventor-, Method for Making An Opening In The Bladder Of An Inflatable Modular Structure For Receiving A Window, Patent No. US 6,899,301 B2, Filed September 23, 2003 - Granted on May 31, 2005

Robert T. Bigelow, -Inventor-, Inflatable Satellite Bus, Patent No. US 6,962,310 B1, Filed November 4, 2004 - Granted on November 8, 2005

Robert T. Bigelow, -Inventor-, Flexible Structural Restraint Layer For Use With An Inflatable Modular Structure, Patent No. US 7,100,874 B2, Filed November 25, 2003 - Granted on September 5, 2006

Robert T. Bigelow, -Inventor-, Orbital Debris Shield, Patent No. US 7,204,460 B2, Filed June 24, 2004 - Granted on April 17, 2007

Robert T. Bigelow, -Inventor-, Orbital Debris Shield, Patent No. US 7,309,049 B2, Filed August 3, 2006 - Granted on December 18, 2007

Robert T. Bigelow, -Inventor-, Bigelow Aerospace, -Assignee-, Modular Human Habitat Simulator, Patent No. US 7,377,783 B2, Filed September 16, 2003 - Granted on May 27, 2008

Robert T. Bigelow, -Inventor-, Apparatus for Sealing and Restraining the Flexible Pressure Boundary of an Inflatable Spacecraft, Patent No. US 6,974,109 B1, Filed January 31, 2001 – Granted on December 13, 2005

Robert T. Bigelow, -Inventor-, Method for Assembling and Landing a Habitable Structure on an Extraterrestrial Body, Patent No. US 7,469,864 B2, Filed on February 28, 2006 – Granted on December 30, 2008

Robert T. Bigelow, - Inventor-, Radiation Shield, Patent No. US 7,780,118 B2 Filed July 29, 2004 – Granted on August 24, 2010

Robert T. Bigelow, - Inventor-, Regolith Container For Use With a Structure on an Extraterrestrial Mass, Patent No. US 7,703,721 B2, Filed on July 3, 2006 – Granted on April 7, 2010

Robert T. Bigelow, - Inventor-, Air Barrier For Use With an Expandable Structure, Patent No. US 8,366,051 B2, Filed March 19, 2007 – Granted on February 5, 2013

These biographies are based on research and could contain discrepancies.  
If there are any excerpts you feel should be changed please feel free to contact [dave@lvhsaa.com](mailto:dave@lvhsaa.com)

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