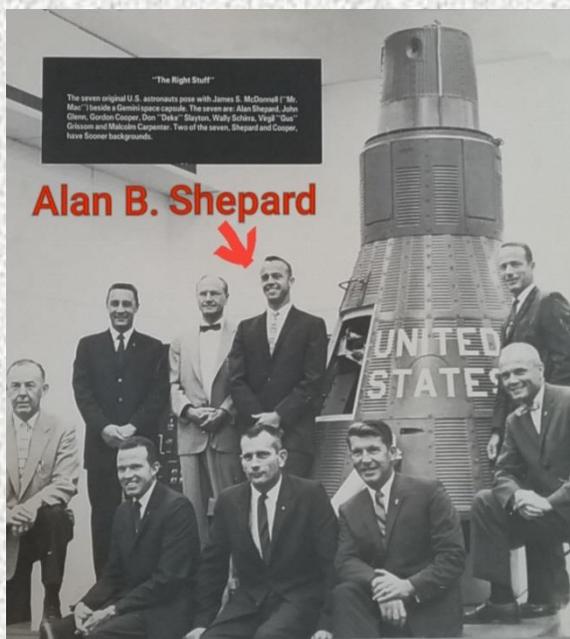


FLIGHT PATH

May 2018 Edition



A Milestone For Mankind

by Rachel Zsolnai

Alan B. Shepard Jr.—the first American and second human being to fly in space making a new milestone for mankind and his mark in history.

On May 5, 1961 Shepard was launched from Cape Canaveral by Mercury Redstone (MR3) launch vehicle, to an altitude of 115 nautical miles and a range of 302 miles in the *Freedom 7*, the first piloted Mercury spacecraft (No. 7), reaching a speed of 5,100 miles per hour and his flight lasted 14.8 minutes. It was the first American space flight involving human beings.

During Shepard's 15-minute suborbital flight, he rode a Redstone booster to a landing in the Atlantic Ocean demonstrating that one can operate a vehicle during weightlessness and high G stresses; therefore, giving significant scientific biomedical data.

Today, TASM displays Shepard's autographed photo and other framed tributes in the lobby of the Planetarium.

Flying Hope

by Rachel Zsolnai

Parkside Children's Hospital—founded in 1959 by Herman P. Taubman and other community leaders with a dream for comprehensive mental health care delivered compassionately. In 2008 and in 2001, Parkside expanded their facility to care for and treat children as young as age six.

On April 9th, TASM STEM Educators “flew” in for a visit to Parkside Children's Hospital with gift bags and the materials needed for each child to build their very own stomp rocket!

The picture to the left is the children building their very own stomp rockets, under the guidance and instructions of our STEM Educators. The picture to the right is the children launching their creations into the sky—encouraging each one of them to dream big and reach for the stars!





Did You Know?

by Rachel Zsolnai

Did you know that many early balloons were of the smoke balloon type, which were used for flying? These enormous canvas bags were coated with beeswax to seal the pores of the fabric with large ropes that dangled beneath these bags with a swing. This swing was where the seat in which the aeronaut, an early balloonist, would ride. With the use of heat, the balloon would then be allowed to take flight!

This was the type of balloon that Tulsa's first ever recorded encounter with aviation utilized to take flight on July 4 1897. A man, without his name ever being recorded anywhere, agreed to fly over the city on Independence Day in 1897. Although the man was denied payment in advance for fear he would not appear, he was later given \$200 as payment for his performance.

The Flying Man exhibit in TASM displays the mysterious Flying Man—the man who is nameless and forever frozen in time.

Upcoming Events and More!

TASM Summer Camps

TASM summer camp sign ups have arrived! Choose one of the seven sessions listed below for your child to be a part of, but hurry because space is limited!

- June 4-8
- June 11-15
- June 18-22
- June 25-29
- July 9-13
- July 16-20
- July 23-27

Prices for ONE summer camp session:

- \$300 per student for ONE camp session (non-members)
- \$250 per student for ONE camp session (membership)

For more info & to sign up go to <https://www.tulsamuseum.org/events>



NASA Live Link

On May 14, 2018, Oklahoma students get a rare opportunity to talk and interact LIVE with NASA astronauts aboard the International Space Station.

The exact time of the event is TBD, but is currently scheduled for some time between 9:00am and 12:00pm.