

Pima Air & Space Museum

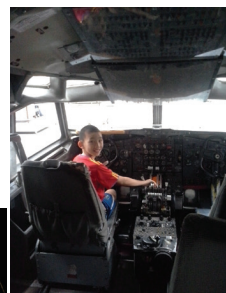
Highlights for Ages 8-11, 4-7, and 1-4

(Objective: Interactive combined with imagination, asking questions, explaining things)

**Before Your Visit:** Take the virtual tours!

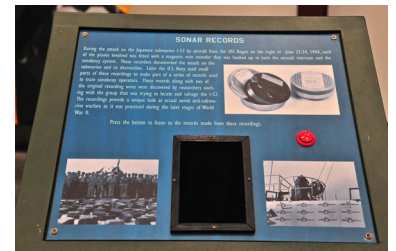
### Main Hangar:

- ❑ Climb into the Aerosport Quail cockpit (painted light blue with clouds & located on the elevated red-checkerboard platform), a photo op
- ❑ “Manage” inside the Control “Tower” (located on the floor)
- ❑ Man the controls in the SH-3 Sea King helicopter simulation cockpit
- ❑ See the world’s smallest bi-plane, the Starr Bumble Bee
- ❑ Enjoy the world’s smallest jet, the BD5J Micro Jet, as seen in the James Bond movie, *Octopussy*
- ❑ Notice the runway designations painted on the floor (giant numbers, dotted and solid lines) that represent one tenth of the magnetic azimuth (angular measurement) of the runway’s heading in degrees: a runway numbered 09 points east (90°), runway 16 is south (160°), runway 27 points west (270°) and runway 36 points to the north (360°) rather than 0°. The numbers are spoken individually, “runway one six.”
- ❑ Listen to the SR-71 sounds (favorites include take-off and the sonic boom/breaking the sound barrier, although we have purposely toned down the volume of the sonic boom)
- ❑ Watch pennies spiral into the yellow wishing well (thanks for your donations)
- ❑ Look inside the cockpits (up the observation stairs) of the: F-4 Phantom II (in the USAF Thunderbird paint scheme) and the F-14 Tomcat as featured in the movie “Top Gun”



- ❑ Watch video No. 15, “Always PBY: a fishing experience” on the Seaplanes’ exhibit monitor (the Grumman Goose sort of crashes on video No. 12)

- ❑ Watch the Aircraft Carrier video (F-14s taking off/landing on the USS Kitty Hawk)
- ❑ Listen to sonar (pushing the button).
- ❑ Notice the torpedo heading towards the F-52 Japanese C-3 Class sub
- ❑ Pretend to be a pilot inside the ATI trainer cockpit (photo op for parents if they stay outside, requires climbing stairs and ducking into the cockpit)



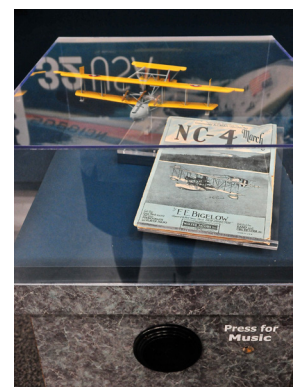
- ❑ Listen to the Seaplanes Exhibit’s historic aviation-inspired music (press the button to hear). For an entire exhibit on aviation music, visit the Smithsonian Air & Space Museum website

- ❑ Enjoy actual “Huey” aka Iroquois helicopter film footage from the

pilot’s point of view (video and sound)

### Hangar 3:

- ❑ Climb aboard the red, wooden plane (a great souvenir photo-op)
- ❑ Examine the B-24 display and open bomb bay
- ❑ Investigate the 406<sup>th</sup>



Bomb Group Exhibit and watch the P-47 mission video footage in the cockpit.



#### Hangar 4:

- ☐ Walk on top of an actual airplane wing into a double cockpit (a photo op)
- ☐ Push the button to make the engine rotate (This mechanism was used for training.)
- ☐ Explore the Boeing B-29 "Superfortress" display,



- ☐ open bomb bays and video (inside the fuselage!)
- ☐ Read the story of Lt. Curdis and the P-51, noting the unusual assortment of kills

#### Space Gallery:

- ☐ Explore the Angel Education Station (and astronaut cut-out photo op). If you know your body weight on earth in pounds, you can find out your weight on the moon.
- ☐ Dig for fossils in a Martian sand pit in the Mars Room (in the far reaches of the building)



- ☐ To take your child's photo in front of a large moon mural, please ask a docent to escort you into the education classroom. Docents generally wear white polo shirts with a Pima Air & Space Museum logo
- ☐ Play the "Gemini/Agena Docking Simulator," the real life version of a video game (it's not as easy as it looks!)
- ☐ Work the Lunar Lander Simulator
- ☐ Check out the Space Gallery Handouts

#### Outdoor Planes:

- ☐ F/A-18 with the U.S. Navy "Blue Angel" paint scheme
- ☐ F-15 Eagle (can fly straight up!)
- ☐ NASA "Supper Guppy" (carried the Hubble Telescope and the Saturn rocket fuselage)
- ☐ "Vomit Comet" (weightlessness in our atmosphere)
- ☐ Sikorsky MH-53 "Pave Low" helicopter
- ☐ Sikorsky "Skycrane" helicopter (can lift and carry 16,000 lbs. of cargo)



#### KEY:

Red denotes recommended for Ages 1-4+  
 Green denotes recommended for Ages 4-7+  
 Blue denotes recommended for Ages 8-11

Note: Aircraft and exhibits require maintenance and may not be on display at all times.