

Introduction to Space MISSION PATCHES
UNCA Pre-College Space Camp
June 20, 2022

Patch Design Competition



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ORIGINS

- 1st space patch flown by Soviet cosmonaut Valentina Tereshkova on the Vostok 6 mission in 1963
 - Astronauts were pilots from a military background
 - Pilots took the tradition of military shoulder patches
 - Most US space missions have had dedicated designs
 - Mission patches first flown by NASA astronauts in 1965
 - Introduced by USAF pilot / astronaut Gordon Cooper
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- Slide courtesy of Mike Tanner, Former Director of NOAA's Center for Weather and Climate, Asheville, NC



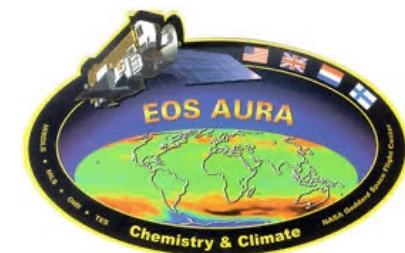
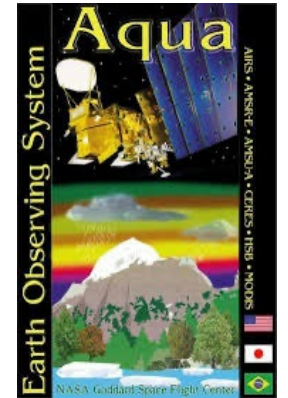
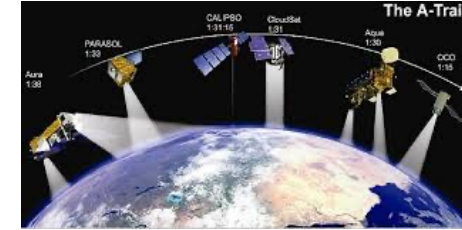


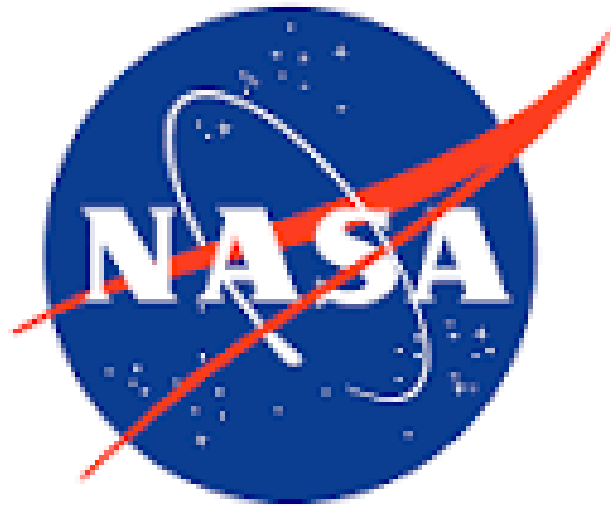
NASA Missions

- Since Gemini 5, patches have been created for all NASA manned missions and many unmanned expeditions
- 8 designs for Gemini
- 12 for Apollo
- 3 for Skylab
- 1 for the Apollo-Soyuz Test Project
- 135 for the Space Shuttle program
- 4 for Space X (NASA Commercial Crew Program)
- Original Slide courtesy of Mike Tanner

Mission Patch Examples

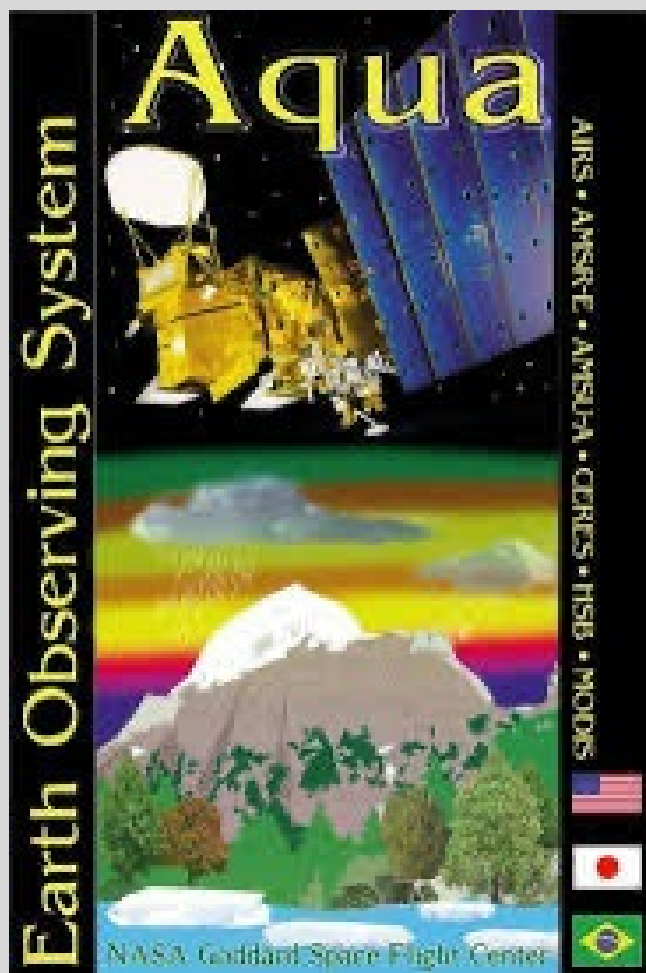
Slide courtesy of Mike Tanner





NASA

Slide courtesy of Mike Tanner

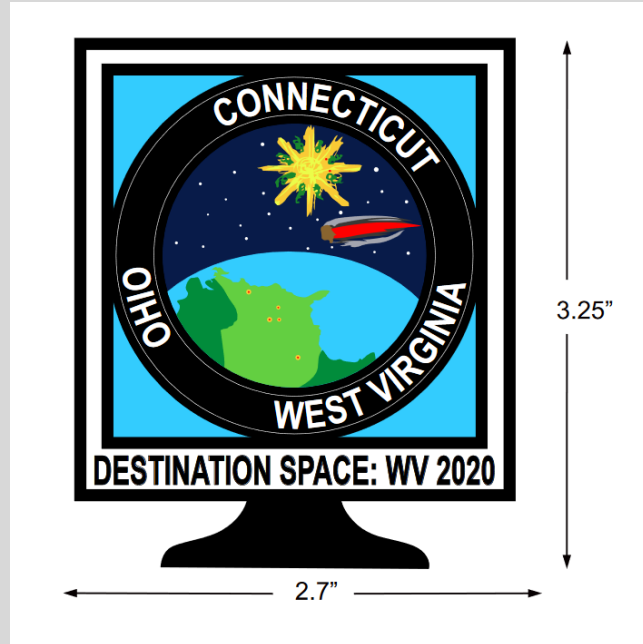


Slide courtesy of Mike Tanner

Recent Examples of Mission Patches, 2020 and 2021



**"Patch" Onboard the
Perseverance Rover Vehicle
Launched July 2020
Mars Landing February 2021**



**Destination SPACE
West Virginia
Camp Patch July 2020**



**Destination SPACE
SC GSSM
Camp Patch June 2021**

MISSION PATCH DESIGN COMPETITION 2022

Source for Patches: AB Emblem, Weaverville, NC , 888-797-4285



**Some of the slides for this presentation were borrowed from Mr. Mike Tanner,
Former Director of NOAA's Center for Weather and Climate, Asheville, NC**