51st IAA HISTORY OF ASTRONAUTICS SYMPOSIUM (E4) "Can you believe they put a man on the Moon?" (3B)

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FROM FRESNEDILLAS APOLLO STATION TO EUROPE'S ONLY LUNAR MUSEUM.

Abstract

Museo Lunar was founded by the first Spain-born astronaut Miguel Lopez-Alegria 7 years ago in commemoration of 40th anniversary of the arrival of man into the Moon in orther to show how was the NASA ground station that tracked lunar landing mocule Eagle to the moon surface on the historic flight of Apollo 11: Fresnedillas Station.

Fresnedillas de la Oliva Station bellowed to the NASA Manned Spaceflight Tracking Network (MSFN). Built 50th years ago, It was the primary tracking facility in Europe which was operative until 1985 when its third 26m antenna was deactivated. This station hosted a wealth variety of technicians who not only supported the Apolo 11 mission, but they also gave instructions to head Amstrong to land on the Moon.

The history of Fresnedillas station was not end in Apollo stage. From there, technicians were tracking other manned missions, such as Skylab, ASTP (Apollo-Soyuz) and the first Space Shuttle flights with Columbia. For that reason, the 26 diameter antenna was turn into a paramount monument of space missions.

That is why the village of Fresnedillas is proud to feature the "Museo Lunar" which hosts over 300 original items related to those former missions. During the visit, people is delighted with a brief technical speech while they enjoy seeing the majestic communication transmision tower, watching astronaut food or gazing the commemorative medals made of the space module. But the visitors climax experience comes when they admire the original Apollo 17 glove belonging to the well known Gene Cernan (the last man of the Moon) They also are astonished due to mind-blowing astronaut space suits (which belong to Miguel and Pedro Duque) among other pieces. To give an extra point of view, museum host a brief variety of Russian items, giving the importance of the Russian program as well.

Due to the unique of space masterpieces, Museo Lunar of Fresnedillas must be a mandatory stop for every aerospace fans who wants to feel a realistic experience when They see real pieces which took part from the Moon's research History