

# Military Launch Ranges

SPACE HISTORY CHALLENGE™

- When was the reassignment of ICBM tracking and space vehicles support functions transferred from the Navy to Air Force Western Test Range?
  - 1958
  - 1965
  - 1973
- Operational launches of which human flight program were to occur at the Pacific Missile Range in the 1960s?
  - NASA Gemini
  - Manned Orbiting Laboratory
  - NASA Apollo
- Why was a dogleg trajectory maneuver for the Titan IIC rejected?
  - It required flying over populated areas
  - The rocket didn't have the appropriate thrusters to change direction midcourse
  - It reduced the payload by up to 16%
- Who said "a launch over populated areas would represent less danger than what now exists for people who live in the takeoff and landing pattern of a modern airport?"
  - President Lyndon Johnson
  - Dr. Hugh S. Dryden
  - General JB Medaris
- The Army's Camp Cooke is known today as what military institution?
  - Vandenberg Space Force Base
  - Tonopah Test Range
  - Edwards Air Force Base
- Who was the commander of the Air Force Western Development Division?
  - Lt Col Hap Arnold
  - BGen Bernard Schriever
  - Gen Curtis LeMay
- Why were the Sudden Ranch and Scolari Ranch acquired by the US Air Force in 1969/1968?
  - To house a new military space operations wing
  - For missile overflight safety from the Pacific Missile Range
  - For ocean access for a sea-launched missile platform

## Answers:

- (B) 1 February 1965, final transfer date
- (B)
- (C) A booster flying southward off Florida's eastern coast would turn westward to establish a polar orbit. It was used by *Tiros IX*, *Tiros X* and *ESSA-I* in 1965, 1965, and 1966.
- (C) He was known as the father of the Jupiter and Redstone tactical ballistic missiles.
- (A) It was previously known as the Vandenberg Air Force Base until 14 May 2021 when it was renamed.
- (B)
- (B) They were overflight obstacles for orbital inclination launches from the Air Force Western Test Range and South Base and the Pacific Ocean.

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