

# SPACE TEST OPERATIONS SQUADRON

## **MISSION**

The Space Test Operations Squadron (STOS) consists of an on-orbit communications satellite test site, mobile telemetry systems, and the wing's space DT&E experts. STOS performs space vehicle Developmental Test & Evaluation, supports launch and on-orbit operations around the world.

## **LINEAGE**

Space Test Operations Squadron

## **STATIONS**

Kirtland AFB, NM

## **ASSIGNMENTS**

## **COMMANDERS**

## **HONORS**

**Service Streamers**

**Campaign Streamers**

**Armed Forces Expeditionary Streamers**

**Decorations**

## **EMBLEM**

## **MOTTO**

## **OPERATIONS**

STOS utilizes a blend of military, government civilian, and contractor personnel to provide responsive support and needs-based space T&E using a flexible management process from planning to execution. STOS's three core competencies are satellite telemetry/communications support, space test program management and execution, and space DT&E training and policy.

Using highly mobile ground systems, or specially designed maritime platforms, the Mobile Range Flight provides telemetry, tracking, and commanding from locations worldwide. The Communications Test Flight in Dublin, CA can provide satellite radiometric calibration, anomaly resolution, on-orbit testing, or routine satellite operations. The Satellite Systems Test Flight conduct and support space system programs through active management, engineering, and test operations.

---

USAF Unit Histories  
Created: 26 Mar 2022  
Updated:

Sources  
Air Force Historical Research Agency. U.S. Air Force. Maxwell AFB, AL.