

# **AIR FORCE ASTRONAUTICS LABORATORY**

## **MISSION**

The Air Force Astronautics Laboratory AFAL is the principal AFSC organization charged with planning and executing USAF research, exploratory and advanced development programs for interdisciplinary space technology and rocket propulsion. Space technology includes spacecraft technology, launch vehicle technology, launch and in-space operations, and logistics technology.

Rocket propulsion includes propellants, combustion, plume phenomenology, rocket propulsion materials and structures, solid propellant, rocket motors, liquid propellant rocket feed systems and engines, electric propulsion, hazard phenomena and assessment, and rocket test techniques and instrumentation.

There are two parts to the AFAL mission - first to develop new technology for the Air Force missiles and space systems of the future and second to provide technical support to other organizations within the Air Force, that produce the end items.

## **LINEAGE**

Air Force Astronautics Laboratory

## **STATIONS**

Edwards AFB, CA

## **ASSIGNMENTS**

## **COMMANDERS**

## **HONORS**

**Service Streamers**

**Campaign Streamers**

**Armed Forces Expeditionary Streamers**

**Decorations**

**EMBLEM**

**MOTTO**

**OPERATIONS**

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