

## 42 AVIONICS MAINTENANCE SQUADRON



### MISSION

In charge of maintaining the sophisticated electronics of the 42 Bomb Wing aircraft were the members of the 42 Avionics Maintenance Squadron. The squadron was composed of branches. The mission systems branch, communication navigation branch and the automatic flight control instrument branch provided field level repair and maintenance of the B-52G and the KC-135A avionics system.

The precision measurement equipment laboratory provides for repairing calibration and certifying virtually every piece of test, measurement and diagnostic equipment used at Loring. The electronic warfare branch maintains the electronic countermeasures equipment on the B-52Gs assigned to Loring.

### LINEAGE

42 Armament and Electronics Maintenance Squadron  
Redesignated 42 Avionics Maintenance Squadron

### STATIONS

Limestone AFB, (later Loring AFB) 25 Feb 1953

### ASSIGNMENTS

#### COMMANDERS

Maj William Adams, #1963  
Lt Col Hardin E. Ross

### HONORS

Service Streamers

**Campaign Streamers**

**Armed Forces Expeditionary Streamers**

**Decorations**

**EMBLEM**

**MOTTO**

**OPERATIONS**

---

DEPARTMENT OF THE AIR FORCE ORGANIZATIONAL HISTORIES

Created: 1 Jan 2025

Updated:

Sources

Air Force Historical Research Agency, U.S. Air Force, Maxwell AFB, Alabama.

Unit yearbook. *42<sup>nd</sup> Bombardment Wing (H), Loring AFB, ME. 1963.*