

## 20th EQUIPMENT MAINTENANCE SQUADRON



### MISSION

The 20th Equipment Maintenance Squadron focuses efforts of approximately 500 assigned personnel in 15 Air Force Specialty Codes to support three combat-ready F-16CJ squadrons.

The squadron repairs and overhauls aircraft, training equipment and accessories and maintains systems reliability. The squadron's three branches perform major maintenance on all parts of the aircraft and related munitions components.

The Aircraft Maintenance Branch's industrial shops performs specialized aircraft inspection at specific flying hour intervals. Additionally, the branch has the repair and reclamation, rescue, fuel, egress, wheel and tire, and corrosion control functions.

Support provided by the Aerospace Ground Equipment Branch includes maintenance, servicing and delivery of an array of portable power and lighting units, tractors and other flightline special purpose equipment.

The Munitions Maintenance Branch provides safe, reliable and timely munitions to support and sustain the combat capability of the wing. To accomplish these tasks, the branch is organized functionally with an administrative section, munitions maintenance/storage sections and a weapons maintenance section.

### LINEAGE<sup>1</sup>

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<sup>1</sup> Air Force Historical Research Agency. U.S. Air Force. Maxwell AFB, AL.  
The Institute of Heraldry. U.S. Army. Fort Belvoir, VA.  
Air Force News. Air Force Public Affairs Agency.  
Unit yearbook. *20<sup>th</sup> Fighter-Bomber Wing*. 1953.

Maintenance Squadron, 20th Maintenance and Supply Group designated, 28 Jul 1947  
Organized, 15 Aug 1947  
Discontinued, 26 Aug 1948

20th Consolidated Aircraft Maintenance Squadron constituted and activated, 16 Jan 1962  
Organized, 15 Jun 1962  
Discontinued and inactivated, on 1 Jul 1964

20th Maintenance Squadron, Fighter, Jet constituted, 15 Jun 1948  
Activated, 24 Aug 1948  
Redesignated 20th Maintenance Squadron, 20 Jun 1950  
Redesignated 20th Field Maintenance Squadron, 15 Nov 1954  
Discontinued and inactivated, 15 Jun 1962  
Activated, 14 May 1964  
Organized, 1 Jul 1964  
Redesignated 20 Equipment Maintenance Squadron, 31 Oct 1981

Maintenance Squadron, 20th Maintenance and Supply Group, 20th Consolidated Aircraft Maintenance Squadron and 20 Equipment Maintenance Squadron consolidated, 22 Oct 1984. Consolidated organization designated 20th Equipment Maintenance Squadron.

Inactivated, 1 Jan 1994  
Activated, 1 Jan 1994

#### **STATIONS**

Shaw Field (later, Shaw AFB), SC, 15 Aug 1947  
Langley AFB, VA, 30 Nov 1951-22 May 1952  
Wethersfield RAF Station (later, RAF Wethersfield), England, 1 Jun 1952  
RAF Upper Heyford, England, 1 Apr 1970-1 Jan 1994  
Shaw AFB, SC, 1 Jan 1994

#### **ASSIGNMENTS**

20th Maintenance and Supply Group, 15 Aug 1947  
20th Support Group, 26 Jan 1956  
20th Fighter-Bomber (later, 20th Tactical Fighter; 20th Fighter) Wing, 8 Feb 1958  
20th Logistics Group, 31 Mar 1992-1 Jan 1994  
20th Logistics (later, 20th Maintenance) Group, 1 Jan 1994

#### **COMMANDERS**

Maj Harry G. Johnson, #1953

## HONORS

### Service Streamers

### Campaign Streamers

### Armed Forces Expeditionary Streamers

### Decorations

#### Air Force Outstanding Unit Awards

1 Jul 1956-30 Sep 1957

2 Jul-31 Dec 1964

1 Jan 1965-31 Mar 1966

1 Jul 1968-31 Mar 1970

1 Sep 1970-30 Jun 1972

31 Mar 1973-30 Jun 1974

1 Jul 1977-30 Jun 1979

1 Jul 1981-30 Jun 1983

1 Jul 1987-30 Jun 1989

1 Jul 1990-30 Jun 1992

1 Oct 1992-31 Dec 1993

1 Jan-31 Dec 1994

1 Jun 1997-31 May 1999

1 Jun 1999-31 May 2001

### EMBLEM





Approved, 21 Jul 1994

## **MOTTO**

## **OPERATIONS**

20th Field Maintenance Squadron mission was specialized maintenance. The squadron repairs and overhauls aircraft, training equipment and accessories, as well as fabricates parts and maintains systems reliability. The squadron's four branches, Fabrication, Propulsion, Systems and Aerospace Ground Equipment, perform major maintenance on all parts of the aircraft except for avionics. The Fabrication Branch's industrial shops perform nondestructive inspections in addition to parts production and the corrosion control function. The propulsion branch performs all but depot- level maintenance on the Wing's fleet of TF-30 jet engines. The mechanical, electric, fuel, hydraulic and aircrew environment and rescue functions are the responsibility of the Systems Branch. Support provided by the Ground Equipment Branch includes an array of portable power and lighting units, tractors and other flightline special purpose vehicles.