

512 MAINTENANCE GROUP



MISSION

The 512 Maintenance Group conducts aircraft maintenance for Dover's C-5 and C-17 aircraft, in support of the wing's global airlift missions during peacetime and combat operations. The unit provides qualified maintenance personnel and equipment to support deployed operations and off station recovery maintenance worldwide. The 512 MXG performs regionalized three-level maintenance for TF39 engines and the Air Force's only MSG-3 isochronal inspection for Air Mobility Command's C-5 fleet.

LINEAGE

512 Maintenance and Supply Group established, 4 Aug 1949
Activated in the Reserve, 2 Sep 1949
Ordered to Active Service, 15 Mar 1951
Inactivated, 1 Apr 1951
Activated in the Reserve, 14 Jun 1952
Inactivated, 14 Apr 1959
Disestablished, 27 Sep 1984
Reestablished, redesignated 512 Logistics Group, and activated in the Reserve, 1 Aug 1992
Redesignated 512 Maintenance Group, 1 Oct 2002

STATIONS

Reading Muni Aprt, PA, 2 Sep 1949
New Castle County Aprt, DE, 1 May 1950-1 Apr 1951
New Castle County Aprt, DE, 14 Jun 1952
Willow Grove NAS, PA, 20 Jul 1958-14 Apr 1959
Dover AFB, DE, 1 Aug 1992

ASSIGNMENTS

512 Troop Carrier Wing, 2 Sep 1949-1 Apr 1951
512 Troop Carrier Wing, 14 Jun 1952-14 Apr 1959
512 Airlift Wing, 1 Aug 1992

COMMANDERS

Col W. Martin
Lt Col Rolandrias Bradford
Col Dorneen Shipp, 3 Nov 2018

HONORS

Service Streamers

Campaign Streamers

Armed Forces Expeditionary Streamers

Decorations

Meritorious Unit Award
1 Oct 2004-30 Sep 2005

Air Force Outstanding Unit Awards

1 Jul 1993-30 Jun 1995
1 Sep 1996-31 Aug 1998
1 Oct 2002-30 Sep 2004
1 Oct 2008-30 Sep 2010

EMBLEM



512 Maintenance Group will use the wing emblem with the group designation in the scroll.

Per bend sinister Celeste and Azure, a sphere with axis bendwise sinister Argent, gridlined Sable surmounted by a beveled flight symbol ascending bendwise quartered Gules and Or, trailing an orbital ring enveloping the sphere, all between three mullets, one in dexter chief, one in sinister flank, and one in base; all within a diminished bordure of the last. Attached below the shield, a White scroll edged with a narrow Yellow border and inscribed "512 MAINTENANCE GROUP" in Blue letters. **SIGNIFICANCE:** Ultramarine Blue and Air Force Yellow are the Air Force colors. Blue alludes to the sky, the primary theater of Air Force operations. Yellow refers to the sun and the excellence required of Air Force personnel. The two shades of blue symbolize night and day, indicating the Wing's constant preparedness, providing augmentation in the form of aircrews, maintenance, and aerial port operations to active military airlift wings. The flight symbol represents the association between active duty and reserve forces. The flight symbol with contrail around the globe describes the speed of deployment of the unit's airlift capability. The three stars are also indicative of unit capability. (Approved, 9 Dec 2022)

MOTTO

OPERATIONS

DEPARTMENT OF THE AIR FORCE UNIT HISTORIES

Created: 16 Jun 2020

Updated:

Sources

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

The Institute of Heraldry. U.S. Army. Fort Belvoir, VA.