

107th CONSOLIDATED AIRCRAFT MAINTENANCE SQUADRON

LINEAGE

STATIONS

Niagara Falls, NY

ASSIGNMENTS

COMMANDERS

Maj Robert D. Shumaker

LTC Loretto C. DeCarlo

HONORS

Service Streamers

Campaign Streamers

Armed Forces Expeditionary Streamers

Decorations

EMBLEM

EMBLEM SIGNIFICANCE

MOTTO

NICKNAME

OPERATIONS

The 107th Consolidated Aircraft Maintenance Squadron is the largest squadron within the 107th Fighter Interceptor Group, being authorized 419 personnel. The CAM Squadron is responsible for all on and off equipment maintenance for 18 primary assigned aircraft plus back up inventory aircraft. The squadron will ensure all equipment is kept serviceable, safely operable and properly configured to meet all mission needs, to include two combat ready full alert aircraft at both home station and at our detachment at Charleston Air Force Base in South Carolina.

Under the DCM at the group level, are the DCM staff, the CAM Squadron Commander and the four major branches of the maintenance complex.

The DCM staff consists of the following sections: Administrative Support, Analysis, Training, Programs and Mobility, Quality Control, and Maintenance Control.

Maintenance on and off the aircraft, on the line replaceable units (black boxes) and all support equipment is performed by the following four branches:

The Organizational Maintenance Branch (OMB) performs on-equipment maintenance within the capability of assigned personnel, equipment and facilities on assigned and transient aircraft. It stores, maintains and accounts for all of its own support (-21) equipment, as applicable. Normally, the Organization Maintenance Branch consists of flightline, inspection, base flight, transient, support equipment and alert force section.

The Field Maintenance Branch (FMB) accomplishes on-equipment and off equipment maintenance within the capability of assigned specialists, equipment and facilities. This branch includes the fabrication, propulsion, aerospace systems, and powered aerospace ground equipment (AGE) functions. Responsibilities of this very large branch are shared by the branch, section and shop chiefs.

The Avionics Maintenance Branch maintains the avionics systems, related equipment, components, and aircrew training devices (ATD). The Avionics Maintenance Branch will be either conventional or integrated dependent upon the assigned weapons system. Conventional avionics are made up of the following sections: Communication-Navigation, Electronic Warfare, Avionics Guidance and Control Systems, Mission Systems, Avionics Support Equipment and Aircrew Training Devices. Integrated avionics are made up of the following sections: Communication-Navigation/Penetration Aids, Integrated Instrument/Flight Control, Weapons Control/inertial Navigation, Photo/Sensor/Video, Avionics Intermediate Shop, Automatic Test Station, Manual/Electronic Warfare Systems, and Type IV Precision Measurement Equipment Laboratory.

The Munitions Maintenance Branch loads munitions, maintains conventional, chemical and nuclear munition, guns, missiles, aircraft suspension and release systems and support equipment. The branch may have munition services (weapons release, loading and gun), Munitions Maintenance and Storage, and Explosive Ordinance Disposal (EOD) sections.

The maintenance complex consists of an integrated group of highly trained, exceptionally well qualified personnel. The ultimate goal of the CAM Squadron is to keep our aircraft well maintained so that our flying squadron may fly, fight and return to fight another day.

In August of 1960 the 136th converted to the F-100C. This was the unit's 5th primary aircraft conversion with 4 different support aircraft in a 12 year period. The F-100 was to be with the 136th for 11 years. Stability was within the unit but not in the world. The unit was assigned to the 113th

TFW, as an augmented squadron and people had to be assigned from all the units of the 113th TFW to bring us up to strength. It was then that the Cam Sq. was formed clearing the CM Staff and the four branches, OM, FM, AV and Munitions.

COFM — De Carlo/Krzes

OM — Lieppert

FM — Grasso

AV — Hog re we

MM — Pinewski

In April of 78 the F-100 got a new look, and an old emblem. The clean-up project entitled, "Pacer VooDoo" consisted of cleaning, painting and overhauling of aircraft if necessary. The 107th Consolidated Maintenance Sq was in charge of the project. During that time a new emblem was to be painted on the tail section of the aircraft. The emblem was the same one used by the 503rd Fighter Sq (Dive) in the Second World War. The 136th came out of that unit. The emblem featured a red Thunderbird enclosed in an irregular shaped cloud outlined in blue with yellow lightning bolt outlined red jutting from the cloud.

Air Force Order of Battle

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Sources

ANG Unit History. New York. *Niagara's 107th Fighter Interceptor Group*. Taylor Publishing Company. 1990. Dallas TX.