



THE LANTERN

The Official Newsletter of the Northeast region Staff College
Civil Air Patrol



ISSUE 3

Monday, Aug 22, 2016

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New Jersey

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On this Day in Aviation.....22 August 1963:

On his twenty-fifth and last flight with the X-15 program, NASA Chief Research Test Pilot Joseph Albert Walker would attempt a flight to Maximum Altitude. Engineers had predicted that the X-15 was capable of reaching 400,000 feet (121,920 meters) but simulations had shown that a safe reentry from that altitude was risky. For this flight, Flight 91, the flight plan called for 360,000 feet (109,728 meters) to give Walker a safety margin. Experience had shown that slight variations in engine thrust and climb angle could cause large overshoots in peak altitude, so this was not considered an excessive safety margin.

For this flight, Joe Walker flew the Number 3 X-15, 56-6672. It was the only one of the three North American Aviation X-15s equipped with the Honeywell MH-96 flight control system, which had been developed to improve control of the rocketplane outside Earth's atmosphere. This flight was the twenty-second for Number 3.



Joe Walker and the X-15 reached the peak of their ballistic trajectory at 354,200 feet (67.083 miles, 107,960 meters). Walker pitched the nose down to be in the proper attitude for atmospheric reentry. The X-15 decelerated as it hit the atmosphere and Walker experienced as much as 7 Gs. The rocketplane's aerodynamic control surfaces again became operational as it descended through 95,000 feet (28,956 meters) and Walker leveled at 70,000 feet (21,336 meters). He then glided to a landing on Rogers Dry Lake at Edwards Air Force Base, California, after 11 minutes, 8.6 seconds of flight.

Flight 91 was the highest flight achieved by any of the X-15s. It was Joe Walker's second flight into space. His record would stand for the next 41 years.

Today's Activities and Lectures



Formation & Flag Raising

Critical Thinking

Mentoring & Counseling

U of T Commencement Speech Video

Team Building

Understanding the IG Program





Field Trip!!

The **108th Wing (108th WG)** is a unit of the **New Jersey Air National Guard**, one of the many units stationed at **Joint Base McGuire-Dix-Lakehurst**, New Jersey. If activated to federal service, the Wing is gained by the **United States Air Force Air Mobility Command**. The **World War II** predecessor unit, **348th Fighter Group**, was the most successful **P-47 Thunderbolt** group in the **South West Pacific Theatre**. Its commander, **Colonel Neel Ernest Kearby** was awarded the **Medal of Honor** for his actions in combat. Over a dozen of the group's pilots became **Flying aces**.



The 108th Wing principal mission is air refueling. The wing enhances the Air Force's capability to accomplish its primary missions of Global Reach and Global Power. It also provides aerial refueling support to Air Force, Navy and Marine Corps aircraft as well as aircraft of allied nations. The wing is also capable of transporting litter and ambulatory patients using patient support pallets during aeromedical evacuations.

In addition to their primary air refueling mission, the Wing also supports an Intelligence Squadron and a Contingency Response Group



A Day's Summary:

Day two of the staff college is in the books and a full day it was. This week six classes are being taught by McGuire Air Force Base First Sergeants who, as senior non-commissioned officers, are used to teaching these titles to current and future senior NCOs. The day started with First Sergeant John Richenbacher instructing the Region Staff College students on the subject of critical thinking, he in turn was followed by First Sergeant Keisha LaPlante from the base's 305th Aircraft Maintenance Squadron who taught the class on Mentoring and Counseling.

One of the benefits of being on an active duty Air Force Base is the ability to visit one of the local Air Wing units which the NERSC Class of 2016 took full advantage of when they traveled across the base to visit the New Jersey National Guard's 108th Air Wing.

Finally the last Air Force instructor First Sergeant Jason Sawicki taught a Team Building class before the student body learned about the Civil Air Patrol's Inspector General program from the Northeast Region's Inspector General and the staff college's Alpha Seminar Advisor Lt Col Don Blumenfeld.

DAILY SCHEDULE....TUESDAY, 23 AUGUST 2016
UOD.....CLASS B'S
OD: LT COL ALAN GIBBS, CAP

Time	What / Who	Where
0745 – 0800	Get together	Seminar Rooms
0800 – 0815	Formation	Parade Ground
0815 – 0845	General Assembly	Auditorium
0845 – 0945	Cap Chaplaincy (Lt Col Miles)	Auditorium
0945 – 1045	Seminar Task (IG)	Seminar Rooms
1045 – 11:45	Effective Workplace Communications (USAF 1 st Sgts)	Auditorium
1145 – 1245	LUNCH	DFAC
1245 – 1300	Get together	Seminar Rooms
1300 – 1400	Seminar Task (Effective Communications)	Seminar Rooms
1400 – 1500	Risk Management (Col Ozer)	Auditorium
1500 - 1700	Seminar Task (Risk Management)	Seminar Rooms
1700 - 1800	Understanding the Feedback Process (USAF 1 st Sgts)	Auditorium
1800 - 1900	DINNER	DFAC

How to improve your leadership skills

- Reflect and identify the skills YOU need to lead effectively and create your action plan to develop them
- Ask for feedback from work colleagues, line managers, tutors, your 'followers'
- Practise! Take on responsibility (work, volunteering, clubs & Societies) and reflect on your performance
- Find a mentor – learn from positive leadership role-models
- Attend further leadership and management training