



THE LANTERN

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



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New Jersey

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Col. Jack Ozer

EVALUATION OFFICER

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This Day in Aviation.....August 23, 1954

The first of two Lockheed YC-130 Hercules four-engine transport prototypes, 53-3397, made its first flight from the Lockheed Air Terminal at Burbank, California, to Edwards Air Force Base. The flight crew consisted of test pilots Stanley Beltz and Roy Wimmer, with Jack G. Real (a future Lockheed vice president) and Dick Stanton as flight engineers. The flight lasted 1 hour, 1 minute.

The C-130 was designed as a basic tactical transport, capable of carrying 72 soldiers or 64 paratroopers. All production aircraft have been built at Lockheed's Marietta, Georgia, plant. The first production model, the C-130A Hercules, was equipped with four Allison Model 501-D13 (T56-A-9) turboshaft engines, driving three-bladed propellers. The engines produced 3,755 horsepower, each. The C-130A had a maximum speed of 384 miles per hour (618 kilometers per hour) with a range of 2,090 miles (3,365 kilometers). It had a service ceiling of 41,300 feet (12,588 meters).



In addition to its basic role as a transport, the C-130 has also been used as an aerial tanker, a command-and-control aircraft, weather reconnaissance, search and rescue and tactical gunship. It has even been used as a bomber, carrying huge "Daisy Cutters" to clear large areas of jungle for use as helicopter landing zones, or, more recently, the Massive Ordnance Air Blast "mother of all bombs." The aircraft has been so versatile that it has served in every type of mission. Over 40 variants have been built by Lockheed, including civilian transports. It is in service worldwide.

The latest version is the Lockheed C-130J Hercules. After more than 60 years, the C-130 is still in [production](#), longer than any other aircraft type.

Morning Activities

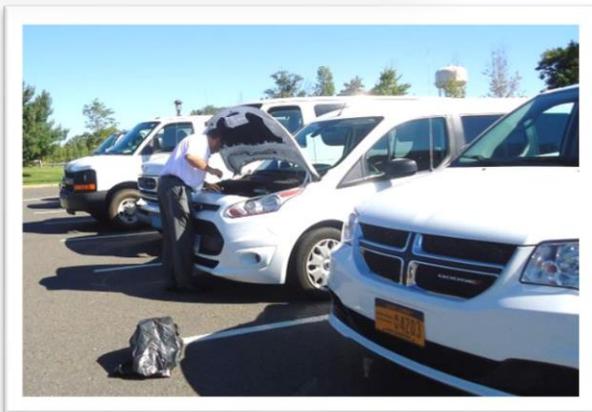


And later, everyone is hard at work

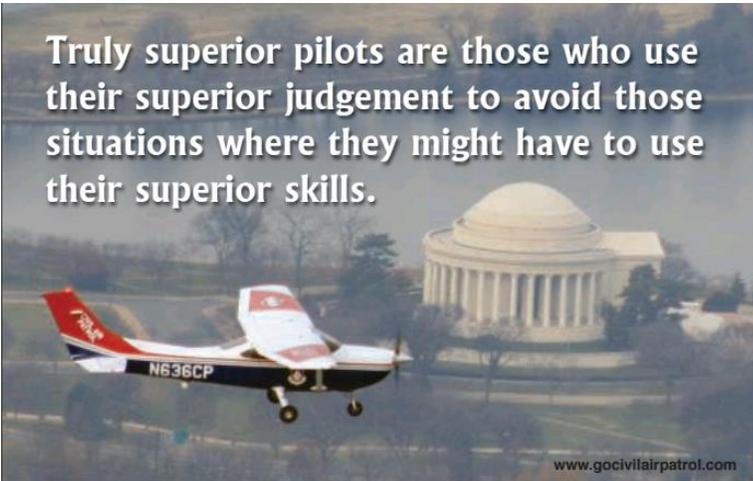


Leaders become great, not because of their power, but because of their ability to empower others.

~John Maxwell



And now a word from our Safety Officer.....



And your AE Moment brought to you by Seminar Bravo...

The Juno team celebrates at Mission Control at NASA's Jet Propulsion Laboratory in Pasadena, California. Juno was launched nearly five years ago on a mission to study Jupiter's composition and evolution. It's the first spacecraft to orbit Jupiter since Galileo. Galileo was deliberately crashed into Jupiter on September 21, 2003, to protect one of its discoveries -- a possible ocean beneath Jupiter's moon Europa.

"You have multiple moons going around Jupiter, and each one is going around at a different speed, based on its distance away from the planet. This is the king of our solar system and its disciples going around it. It's very significant, we're finally able to see with real video, real pictures, this motion that we've only been able to imagine it until today."



Juno is a spinning, robotic probe as wide as a basketball court. It will circle Jupiter 37 times for 20 months, diving down to about 2,600 miles (4,100 kilometers) above the planet's dense clouds. The seven science instruments on board will study Jupiter's auroras and help scientists better understand the planet's origins, structure, atmosphere and magnetosphere. An onboard color camera called JunoCam will take "spectacular close-up, color images" of Jupiter, according to NASA. The space agency is asking the public to help decide where to point the camera. Three 1.5-inch Lego figurines are also on board Juno. One is a likeness of Galileo Galilei -- the scientist who discovered Jupiter's four largest moons. The other two represent the Roman god Jupiter and his wife Juno. They were included to inspire children to study science and math.

Juno's main spacecraft body measures 11.5 feet (3.5 meters) tall and 11.5 feet in diameter. But with its three solar panels open, it spans about 66 feet (20 meters). For comparison, an NBA basketball court is 50 feet wide and 94 feet long.

Jupiter was 445 million miles (716 million kilometers) from Earth when Juno was launched from Cape Canaveral on August 5, 2011. But the probe has traveled a total distance of 1,740 million miles (2,800 million kilometers) to reach the gaseous planet, making a flyby of Earth to help pick up speed.

Today's Activities:

CAP Chaplaincy

 Effective Workplace Communications

 Seminar Group Photos

 Risk Management

 Understanding the Feedback Process

The formations are looking really good....This morning, even General Horton stood at attention and saluted with his ears! The flag was raised by Seminar Bravo, who did a great job....well done all!

The seminar instructors today were a mix of CAP personnel (Lt Col Miles and Col Jack Ozer) and members of the 1st Sgt Association....all did an excellent job....Thank you!!

Pictures of the Seminar groups were taken and will be made available to all participants of the 2016 NERSC, as well as all pictures taken by the staff during the College.

DAILY SCHEDULE....WEDNESDAY, 24 AUGUST 2016
UOD.....COLLEGE GOLF SHIRT & GRAY SLACKS
OD.....LT COL SHARON BRANA, CAP

Time	What / Who	Where
0745 – 0800	Seminar Time	Seminar Rooms
0800 – 0815	Formation	Parade Ground
0815 – 0845	General Assembly	Auditorium
0845 – 0945	Strategic Planning & Project Management (USAF 1 st Sgts)	Auditorium
0945 – 1045	Seminar Capstone Project Time	Seminar Rooms
1045 – 1145	Planning a Major Activity (Lt Col Ridley)	Auditorium
1145 – 1245	LUNCH	DFAC
1245 – 1300	Seminar Time	Seminar Rooms
1300 – 1400	Seminar Task (Planning an activity)	Seminar Rooms
1400 – 1500	Adverse Personnel Actions (Col Ozer)	Auditorium
1500 – 1700	Seminar Task (Adverse Actions)	Seminar Rooms
1700 – 1800	CAP Legislative Day: Prep & Importance (Mr. John Swain)	Auditorium
1800 – 2000	DINNER: Social Event: Picnic....wear RSC Golf Shirts	John Mann Pavilion Ft Dix

