

## DID YOU KNOW?

# Rotating Beacons at Airports Are More Than Green and White



**In the United States, the FAA has established the following rules for airport beacons.**

### FLASHING RATES

1. 24 to 30 per minute for beacons marking airports and landmarks.
2. 30 to 45 per minute for beacons marking heliports.

### COLOR COMBINATIONS

1. White and Green — Lighted land airport
2. Green alone\* — Lighted land airport
3. White and Yellow — Lighted water airport
4. Yellow alone\* — Lighted water airport
5. Green, Yellow, White — Lighted heliport
6. White, White, Green\*\* — Military Airport
7. White, Green, Amber — Hospital and/or Emergency Services Heliport

\* Green alone or yellow alone is used only in connection with a white-and-green or white-and-yellow beacon display, respectively.

\*\* Military airport beacons flash alternately white and green but are differentiated from civil beacons by two quick white flashes between the green flashes.

In Class B, C, D, and E surface areas, operation of the airport beacon between sunrise and sunset often indicates that the ground visibility is less than 3 miles and/or the ceiling is less than 1,000 feet. This is particularly true at locations where beacon controls are available to air traffic control personnel; however, there is no regulation requiring daytime operation.

At other locations with control towers operating, ATC personnel can turn the beacon on or off with controls in the tower. At many airports the airport beacon is turned on by a photoelectric cell or time clocks, and ATC personnel cannot control them.



## PHOTO OF THE MONTH

# Cessna 210 Centurion

**The Cessna 210 Centurion is a six-seat, single-engine, piston aircraft with retractable landing gear and constant speed prop. It was first flown in January 1957 and produced by Cessna. It entered the market in 1960.**

Early Cessna 210 models were powered by the Continental IO-470 engine with 260 hp, and later models are powered by the IO-520-L with 310 horsepower.

This model was designed similarly to the Cessna 182 but includes retractable landing gear, a swept tail, a new wing, and a hydraulic gear system.

The fuselage was extended and made wider than the 182, while the flaps were extended to allow for a decreased landing speed.



Twenty-six model variants were later manufactured. It is largely operated for flight training, private operators, air taxi and commercial charter, and the military.

The 210 has a cruise speed of 174 kts, a maximum takeoff weight of 3800 pounds and a useful load of 1675 pounds with a service ceiling of 17300 feet.

The Turbo Centurion has a range of 739 nm with an 89-gallon fuel tank. There is also a pressured model of the 210.

The Cessna 210 was produced until 1986, and a total of 575 were built.

# Check Rides



## Andrew Yang

Private Pilot

**Instructor:**

Nazariy Danylyshyn



## Benjamin Urschel

Private Pilot

**Instructor:**

Nazariy Danylyshyn



## Fernando Cordero

Private Pilot

**Instructor:**

Nazariy Danylyshyn



## Somon Ismoilzoda

Multiengine

**Instructor:**

Nazariy Danylyshyn

## Lowen Hobbs

Multi-Engine

**Instructor:** Kornel Presti

## Nick Poceschi

Private Pilot

**Instructor:** Erica Carter

## Domonique Jarrett

Private Pilot

**Instructor:** Josh Fredette

## Brian Stephens

Private Pilot

**Instructor:** Daniel Silvia

## Inna Matsyshyn

Commercial Pilot

**Instructor:** Daniel Silvia

## Tina DiGiacomo

Instrument Rating

**Instructor:** Josh Fredette

## Chris Morinelli

CFI

**Instructor:** Jim Zararis

## Petro Pitula

Multi-Engine

**Instructor:** Kornel Presti

## Mahinur Mukut

Commercial Pilot

**Instructor:** Josh Fredette

## David Lopez

Commercial Pilot

**Instructor:**

Nazariy Danylyshyn

## GENE'S AVIATION QUIZ

- 1 Lighting can occur within a cloud, cloud to cloud, cloud to air or cloud to ground. Where does most of the lightning occur?
- 2 What is the recommended altitude for using supplemental oxygen at night?
- 3 What is a CONSOL (Hyperbolic Navigation System)?
- 4 What is a variable pitch prop? (careful)
- 5 How should a pilot acknowledge a light gun signal on the ground?
- 6 When did transponders come into use in general aviation?

# Learn to Fly Program

[fylegacyaviation.com/camp](http://fylegacyaviation.com/camp)

# First Solos



**Justin Dile**

**Instructor:**

Jackson Combe



**Max Minkovsky**

**Instructor:**

Nazariy Danylyshyn



**Adrian Gramatges**

**Instructor:**

Nazariy Danylyshyn

**Andrew Anderson**

**Instructor:**

Jim Zararis

**Nina Karat**

**Instructor:**

Josh Fredette

**Rylie Newcomb**

## GENE'S QUIZ ANSWERS

- 1 Within the cloud.
- 2 5000 feet .
- 3 A low or medium frequency long range NAV aid.
- 4 It is a prop whose angle can be adjusted on the ground before flight.
- 5 Move the ailerons and rudder or flash the landing light.
- 6 In the 1960s.

## QUOTE OF THE MONTH

*"Remember, you fly an airplane with your head, not your hands and feet."*



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