



**COLORADO WING HEADQUARTERS CIVIL AIR PATROL**

LIGHT BAR AUTHORIZATION LETTER PER CAPR 77-1

1 Apr 2019

Transportation

**LIGHT BARS ON CAP VEHICLES IN COLORADO WING**

This letter provides written authorization for the installation and operation of light bars on Civil Air Patrol vehicles assigned to Colorado Wing.

1. In accordance with CAPR 77-1, para 3-5 c., light bars may be installed and used on CAP vehicles assigned to Colorado Wing. The following restrictions will apply to light bars installed on CAP vehicles:
  - a. Light bars will be amber or amber white only.
  - b. Light bars will be mounted to the vehicle's roof either using appropriate mounts or permanently affixed to the roof. Magnetic mounts will not be used.
  - c. Sirens and public address systems will not be installed, regardless of whether the light bar is capable of supporting such equipment.
  - d. Approved light bars are:
    - i. Federal Signal Street Hawk
    - ii. Whelen Edge
    - iii. Full length LED light bars – 46" - 60" in length
  - e. Additional styles/models of light bars may be approved. Requests must be sent to the COWG Transportation Officer, who will make a recommendation to the Wing Commander.
  - f. The manufacturer's installation guidelines and instructions shall be followed.
  - g. Light bars will be controlled using a switch box or panel capable of handling the power requirements of the light bar. For example, the Street Hawk light bar has 5 functions. Therefore, the switch box must have at least 5 switches.
  - h. Light bars shall be visible from a distance of 500 feet during daylight hours when operating.
2. Light bars will only be used as a warning device in compliance with Colorado laws.
  - a. Driving less than 20 miles per hour
  - b. Pulled off to the side of the road
  - c. In a disaster area if driving less than 25 miles per hour
  - d. On a flight line or ramp at an airport with approval of FBO or traffic controllers
3. A copy of this approval letter must be kept in the vehicle binder of all CAP vehicles equipped with light bars.

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