

Compliance with standard

- FAA: L-807 AC 150/5345-27D.
- ICAO: Annex 14, Volume 1, para 5.1.1

Utilization

- Wind direction indicator L-807 is not a breakable unit but is a visual support unit, providing wind information to pilot during landing/taking off at the airport, especially at the airports where information provided via radio communication is not available.

Features

- Wind direction indicator L-807 is designed in 02 types: illuminated indicator and unilluminated indicator; 02 sizes of wind cone: 8 and 12 feet ; height of the mast is not exceeded 7.5m
- The mast is designed to install with the base through rotary joint, allowing to strike the whole mast down for lamp and wind cone replacement.
- Auxiliary leg is convenient for striking mast
- Bearing is designed to be waterproof and dustproof
- Bearing operates smoothly to ensure definition of the wind direction correctly in all weather conditions.
- Wind cone is made of waterproof and undecaying material, coloring orange.
- Illuminated wind direction indicator has 04 lamps PAR38 120W to illuminate the wind cone in bad weather condition or at night. These lamps ensure the beam of at least 2 Foot candles at any point on wind cone surface when it open completely.
- Red obstruction light using LED lamp with long lifecycle to be installed on top of the indicator.
- Power: 500 W
- Temperature: from 0°C to 55°C

Materials and finish (Figure 2)

- Mast: Steel covering out door white and red weatherproof electrostatic powder paint.
- Wind cone frame: Stainless steel and aluminium, covering out door red weatherproof electrostatic powder paint.
- Orange Wind cone



Figure 1: Wind cone



Figure 2: Wind direction indicator

Operation

- Operation of wind cone depends on direction and speed of wind . Wind blows into wind cone, indicating wind direction. Tail of wind cone indicates direction and speed of wind by rotating around the mast with an angle of 360 degree.

Design (Figure 3)

1. Base

2. Lower mast

3. Auxiliary leg

4. Wind cone

5. Wind cone frame

6. Bearing
7. Higher mast

8. Illuminated lamp

9. Obstruction light

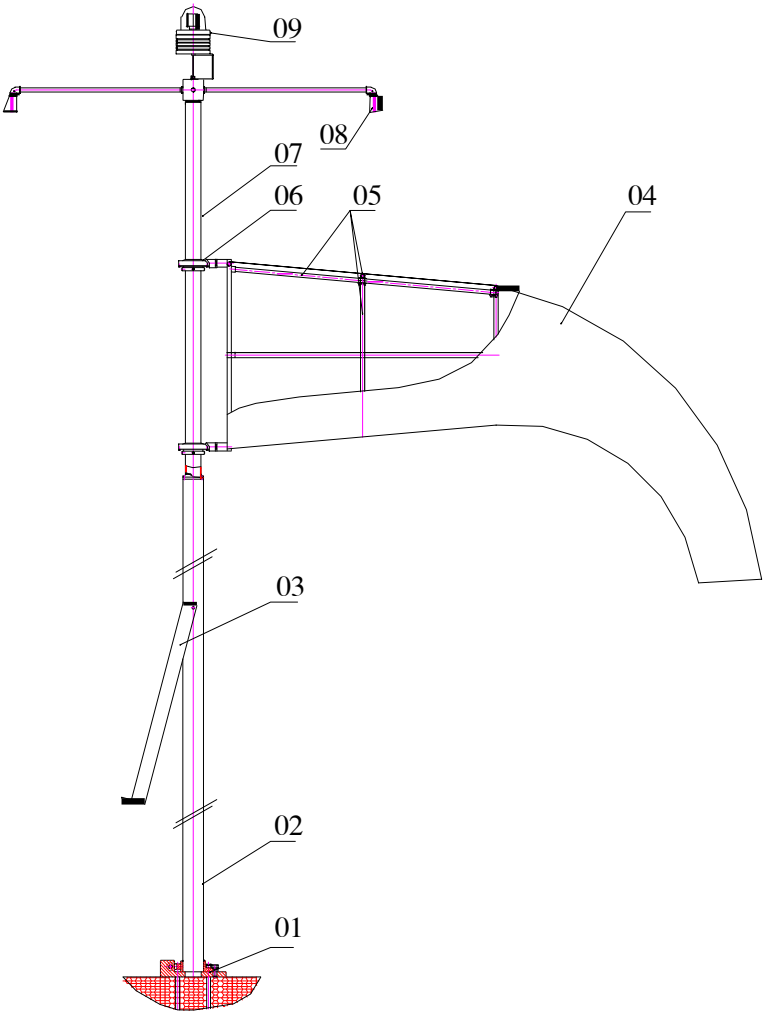


Figure 3

Product code:

				L807 - S1 - EX - 07
Type L807		_____		
Version 1		_____		
Illuminated		_____		
Height of mast over 7m		_____		