

# L-807 & L-807(L) Wind Cone

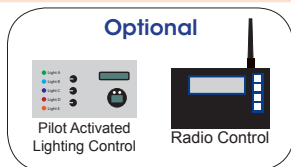
AV-WSC-TILT Series

## Features

- Available externally lighted, internally lighted or unlighted
- LED technology
- Size 1 (18" diameter x 8' long) or Size 2 (36" diameter x 12' long) wind socks
- Center-mounted winch for 1-person maintenance
- Nylon sock treated for rot, mildew & water repellency
- Solar configurations sized to installation location
- Optional RF enabled for Radio Handheld Controller or Pilot Activated Lighting Controller operation

## Compliance

- FAA AC150/5345-27 for L-807
- FAA Engineering Brief 67
- ETL Certified
- ICAO Annex 14 Volume 1, 'Aerodrome Design and Operations', paragraph 5.1.1 (Size 2 only)



**The AV-WSC-TILT Series L-807 wind cones provides visual indication of wind direction and velocity at a location on an airfield.**

FAA Size 2 wind cones are used at the central location on an airfield. FAA Size 1 wind cones are used on smaller airfields and heliports.

The unit is equipped with LED lighting which feature the following:

- 50,000 to 100,000 hour lamp life, virtually maintenance free, 4 year warranty
- 80-90% less power consumption than halogen lamps
- A long-life LED obstruction light

The assembly comes powder-coated in international orange. The pole is center-hinged with 4 inch diameter steel on the bottom and 3 inch diameter steel on the top.

A centre mounted braked winch allows 1-person maintenance. The four anchor bolts are a one-piece welded assembly ready to drop in the ground. The aluminium basket is welded, one piece, with pre-installed bearings. Raincaps protect the bearings from weather.

The nylon sock is treated for rot, mildew and water repellency.



Internal LED Light



External LED Light

# L-807 & L-807(L) Wind Cone

AV-WSC-TILT Series

\* Specifications subject to change or variation without notice  
\* Subject to standard terms and conditions

## WIND CONE SELECTION CHART \* \*

Product Code	See Notes	FAA Size	FAA Style	Power Source	Lamp Type	VA	Watts	Weight (lbs)	Replacement Lamp
AV-WSC-TILT-01		1	II Unlighted	None	None	0	0	187	None
AV-WSC-TILT-EX-01		1	I-A External	11.5-13 VDC	LED	6	6	197	9200-0033
AV-WSC-TILT-IN-01	1	1	I-B Internal	11.5-13 VDC	LED	6	6	197	9200-0041
AV-WSC-TILT-02		2	II Unlighted	None	None	0	0	199	None
AV-WSC-TILT-EX-02		2	I-A External	11.5-13 VDC	LED	10	10	210	9200-0036
AV-WSC-TILT-IN-02	1	2	I-B Internal	11.5-13 VDC	LED	10	10	210	9200-0042

**Notes:**

1. This FAA Style is not ETL certified

## REPLACEMENT PARTS \* \*

Product Code	Description
AV-WS-01	Wind Sock, Size 1 (18 inch diameter, 8 feet long, orange)
AV-WS-02	Wind Sock, Size 2 (36 inch diameter, 12 feet long, orange)

## HOW TO ORDER

### Power Supply

AV-PS-[?]-[?]-01-[?]

**Product No.:** \_\_\_\_\_

**Battery Capacity:** \_\_\_\_\_  
 100 = 100 Ah  
 300 = 300 Ah

**Solar Output:** \_\_\_\_\_  
 50 = 50 watts  
 135 = 135 watts

**Mount Type:** \_\_\_\_\_  
 01 = post mount

**Monitoring & Control:** \_\_\_\_\_  
 RF = RF Controller or PALC operation  
 PH = Photocell for dusk-till-dawn operation

### Base Layout

Note: only 4 anchor bolts required

