

Met Towers

(Meteorological towers)

Possible hazard to low altitude flight operations

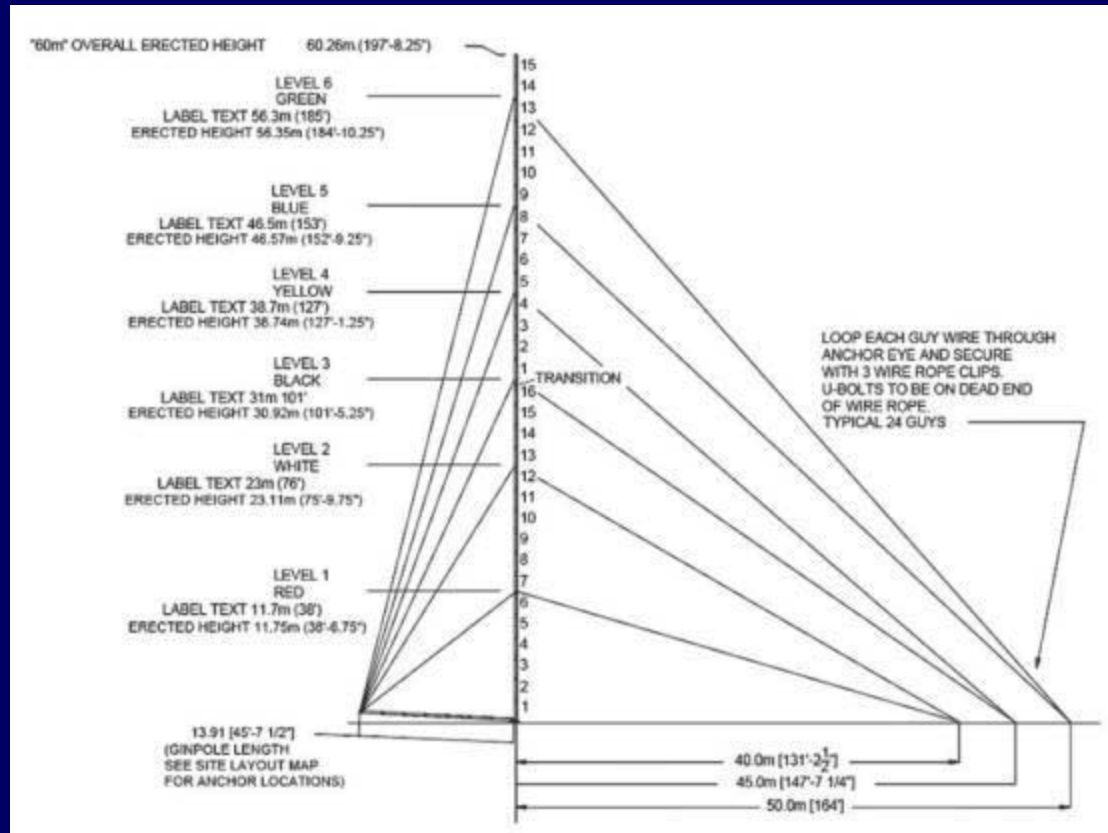
Met Towers

- MET towers (*Meteorological towers*), are used to gather wind data necessary for site evaluation and development of wind energy projects.
- They can be erected very rapidly and may be on site from a few days to up to a year or longer.

Met Towers

- Towers generally range in height from 30, 50, 60 and 80 meter tall.
- Any tower less than 200 feet in height is not required by regulation to be lighted.
- At this time there is no standardized notification system in place to indicate when and where these towers are erected.

Met Towers



Standard footprint of a tower

Met Tower Photo's

- The following Photo's were taken:
 - At Altitudes of:
 - 500 Feet AGL
 - 300 Feet AGL
 - 100 Feet AGL
 - Between: 12:15 & 12:30 PM Local
 - At a distance of 1/8th of a mile

Sachs Tower 500' North View



Sachs Tower 500' West View



Sachs Tower 500' South View



Sachs Tower 500' East View



Sachs Tower 300' North View



Sachs Tower 300' West View



Sachs Tower 300' South View



Sachs Tower 300' East View



Sachs Tower 100' North View



Sachs Tower 100' West View



Sachs Tower 100' South View



Sachs Tower 100' East View



Heins Tower 500' North View



Heins Tower 500' West View



Heins Tower 500' South View



Heins Tower 500' East View



Heins Tower 300' North View



Heins Tower 300' West View



Heins Tower

300' South View



Heins Tower 300' East View



Heins Tower 100' North View



Heins Tower 100' West View



Heins Tower 100' South View



Heins Tower 100' East View



Greenslade Tower 500' North View



Greenslade tower 500' west View



Greenslade Tower 500' South View



Greenslade Tower 500' East view



Greenslade Tower 300' North View



Greenslade Tower 300' West View



Greenslade Tower 300' South View



Greenslade Tower 300' East View



Greenslade Tower 100' North View



Greenslade Tower 100' West View



Greenslade Towers

100' South View



Greenslade Tower 100' East View



Greenslade Tower 500' North View



Greenslade Tower 500' West View



Greenslade Tower 500' South View



Greenslade Tower 500' East View



Greenslade Tower 300' North View



Greenslade Tower 300' West View



Greenslade Tower 300' South View



Greenslade Tower 300' East View



Greenslade Tower 100' North View



Greenslade Tower 100' West View



Greenslade Tower 100' South View



Greenslade Tower 100' East View



Greenslade Tower 500' North View



Greenslade Tower 500' West View



Greenslade Tower 500' South View



Greenslade Tower 500' East View



Greenslade Tower 300' North View



Greenslade Tower 300' West View



Greenslade Tower 300' South View



Greenslade Tower 300' East View



Greenslade Tower 100' North View



Greenslade Tower 100' West View



Greenslade Tower 100' South View



Greenslade Tower 100' East View



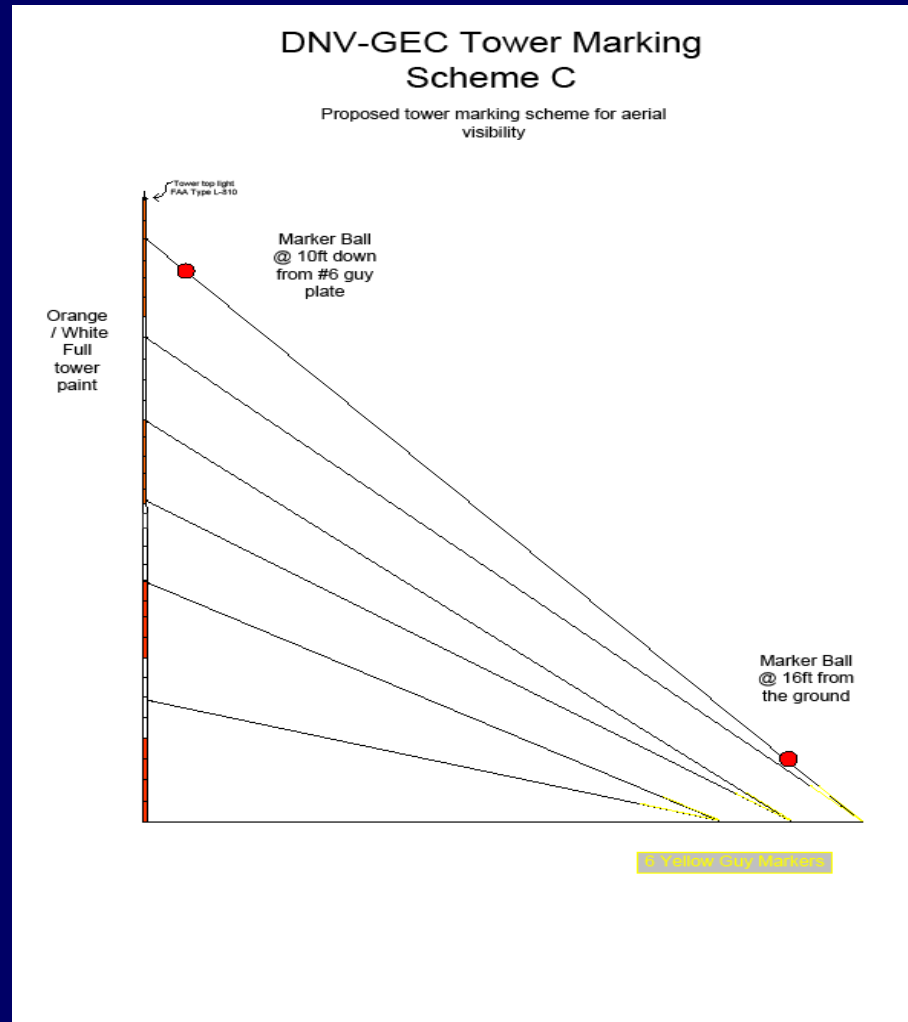
Greenslade Tower Light Night OPS



Sachs Tower Light Night OPS



DNV-GEC Tower Marking Scheme - C



Met Tower Light

AV70 Solar Aviation Light

Typical Applications

- Solar Airstrip Light
- Solar Barricade Light
- Solar Caution Light
- Solar Taxiway Light (ICAO)
- Solar Threshold Light
- Solar Obstruction Light

Major Benefits

- **3.7km visible range (flashing)**
- Integrated solar/battery system
- Dual internal high-performance solar modules angled to maximize solar collection
- IP68 waterproof rating
- User-replaceable battery
- ICAO Compliant AV70 Solar Taxiway Light
- Ultra-high intensity LEDs (no changing globes ever)



Accepted by Commercial Part 139 Airports under the FAA Advisory Circular AC150/5370-2E for construction and barricade installations.

The AV70 Solar Taxiway Light meets the requirements of ICAO Annex 14 Volume 1, "Aerodrome Design and Operations", Fourth edition July 2004, paragraph 5.3.17.7.



The solar powered AV70 airfield light offers enormous benefits over traditional battery and hard-wired airfield lights including low maintenance and no underground wiring.

These completely self-contained LED lights are designed to suit a range of aviation and general applications including emergency airstrip, caution, taxiway, and threshold lighting.

The unit has two high-performance solar modules mounted within the lens, which maximize solar collection and provide reliable operation in a range of environment conditions.

The focal plane of the light is designed to provide a vertical divergence of between 0 and +10 degrees, and the user-replaceable battery ensures a service life of up to 12 years.

The AV70 is made from tough, durable UV stabilized LEXAN® polycarbonate, and incorporates an internal photodiode for automatic night activation once the ambient light threshold drops sufficiently.

Completely self-contained and able to be installed in minutes, the AV70 is the preferred choice of remote airfields throughout Australia - where the units mark Indigenous airstrips, and regional council's and mining strips around the country.

AV70-CS

Optional internal RF module enables remote control of lantern, and flash synchronization when all lights are set to the same flash characteristics.



Flight Light Inc.
2708 47th Ave.
Sacramento, CA 95822-3100
Ph: (916) 394-2800 Toll Free: (800) 901-3548
Fax: (916) 394-2809 Web: www.flightlight.com

Met Tower FAA Paint

ISSUED BY THE DRAWING IS THE SOLE PROPERTY OF PRODUCTION IN PART OR WHOLE SERVICES 10th OF APRIL 1978 (S/1000 & PROCEEDS)

REV: 001
 A: SERIAL NUMBER
 G: 1000
 Y: 1000
 X: 1000

ITEM NO.	PART NUMBER	QTY.
1	S4073_TUBE_BASE_FLARED_LANCED_DRILLED_ORANGE_10INX87	1
2	S4075_TUBE_FLARED_LANCED_ORANGE_10INX87TV2	7
3	S4076_TUBE_FLARED_LANCED_WHITE_10INX87TV2	7
4	S4074_TUBE_FLARED_LANCED_WHITE_10INX23TV2	1
5	S4072_ADAPTER-TOWER TRANSITION SECTION, 10IN-SIN, GALVANIZED, WHITE	1
6	S4077_TUBE_FLARED_LANCED_ORANGE_8INX87	10
7	S4078_TUBE_FLARED_LANCED_WHITE_8INX87	5

**FAA COMPLIANT
PAINTED VERSION**

TRANSITION - WHITE

NOTES:

1. PAINT SCHEME DERIVED FROM FAA AC70/7460-1K (CANADIAN VERSION CAP 621-19)
2. TOWER DIVIDED INTO SEVEN SECTIONS, ROUNDED TO THE NEAREST WHOLE TUBE.

15 ORANGE
 14 ORANGE
 13 ORANGE
 12 ORANGE
 11 ORANGE
 10 WHITE
 9 WHITE
 8 WHITE
 7 WHITE
 6 WHITE
 5 ORANGE
 4 ORANGE
 3 ORANGE
 2 ORANGE
 1 ORANGE
 16 WHITE
 15 WHITE
 14 WHITE
 13 WHITE
 12 ORANGE
 11 ORANGE
 10 ORANGE
 9 ORANGE
 8 WHITE
 7 WHITE
 6 WHITE
 5 WHITE
 4 ORANGE
 3 ORANGE

