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’ 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’ 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’ 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
DNV-GEC Tower Marking Scheme - C
Met Tower Light

AV70 Solar Aviation Light

Typical Applications
- Solar Area Light
- Solar Backlight Light
- Solar Caution Light
- Solar Traffic Light (SCT)
- Solar Threshold light
- Solar Obstruction Light

Major Benefits
- 13,000 mile range (shading)
- Integrated solar/battery system
- Energy efficient high performance solar modules
- Designed for maximum solar radiation
- IP66 waterproof rating
- User-replaceable battery
- IEC compliant AV70 solar traffic light
- Ultralite intensity LEDs (no annoying glares over)

Automatically high performance solar modules

The solar powered AV70 striated light offers enormous benefits over traditional battery and heat-sunk striated lights including low maintenance and no underground wiring.

Three complete self contained LED lights are designed to suit a range of position and guidance applications including emergency lighting, dockside, channel, and perimeter lighting.

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

The lens plane of the light is designed to provide a vertical divergence of between 0 and 180 degrees, and the user-replaceable battery has a service life of up to 10 years.

The unit is lightweight, durable and shock resistant, and includes an internal photodetector for automatic light activation under the standard light manual design requirements.

Complete and delivered to the site in minutes, the AV70 is the perfect choice for remote areas throughout Australia, where the harsh, indigenous elements, and regional council’s, and mining impacts the country.

AV70-C9
Optional internal LED module adds extra come-on-coarse, and true simultaneous when all lights are set to the solar train Ch/Signal/
### Met Tower FAA Paint

#### FAA Compliant Painted Version

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**NOTES:**
- Paint scheme derived from FAA AC750/7460-1K.
- CANADIAN VERSION (CAN 501-10).
- Tower divided into seven sections, rounded to the nearest whole tube.
Met Tower Billing

Pioneer Windworks LLC
222 North Elm Street
La Farge, WI 54639
608-333-7041

Invoice
Date: 03/12/2009
Invoice #: 299

Bill To
Peco Wind

PAID

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<td>Lodging (570/room/night - 2 rooms, 2 nights)</td>
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<td>Meals (55.00/person - 4 people, 3 days)</td>
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Subtotal | 86,114.51 |
Sales Tax (0.9%) | 800.00 |
Total | 87,114.51 |