

Aeronautical Charting Forum

LED NVG, and EFVS

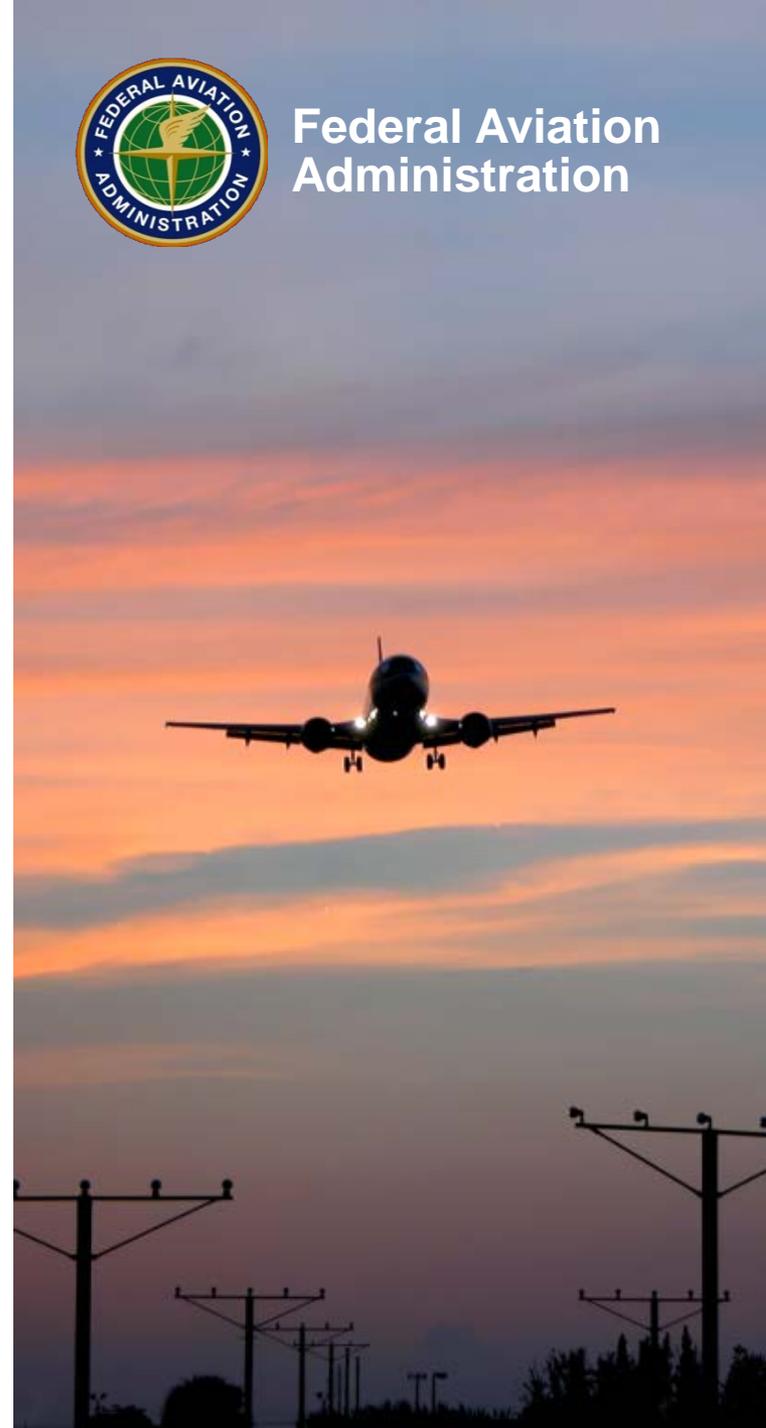
Presented to: Charting Forum

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Federal Aviation
Administration



Types of Night Vision Goggles:

- **Incandescent Lights currently are currently being phased out.**
- **With enhanced vision equipment and aided vision equipment some of the LED emitters can't be seen.**



Where's the Tower?



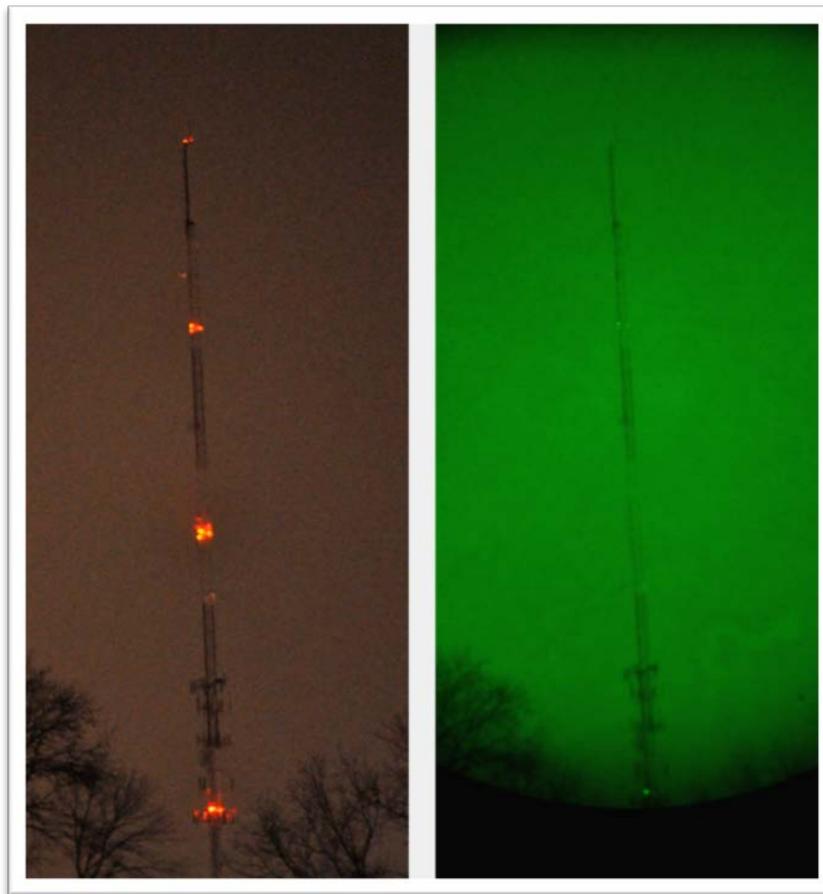
Shiloh II Wind Turbines



Shiloh II Wind Turbines through NVG's



An obstruction with LED lights.



Direction:

- **AVS-1 Peggy Gilligan has directed a working group to study and come up with solutions. (MEMO to AJO-O and ARP-1)**
- **This group is comprised of Military, DHS, FAA, and only other Government Agencies.**

What is going on in the NAS?

- **We currently have around 20% of the current obstructions with LED lights on them**

- **100% of new construction is LED lights.**



What we can do with our charting symbols

Charts should show where LED emitters are located at.

Both on airports (taxi, approach, or runway lights), and Obstructions within the NAS



LED Working Group Information

- **Currently there are no requirements for listing or recording what types of light are present.**
- **Recommendations: Start tracking and survey locations of LED lights, which will allow for a database to use for charting.**



Questions?

