

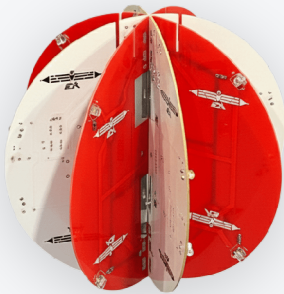


AVIATION SAFETY — SOLAR IR OBSTACLE MARKING

EA-GHOST BEACON

Linus Line Marker — Solar-Powered Infrared Visibility System for Power Lines & Pylons

ELMARX AVIATION INC.



Invisible to the naked eye. Unmistakable to NVG-equipped pilots — zero light pollution, zero maintenance.

The EA-GhostBeacon provides a fast and efficient solution for the night signaling of power lines, poles, and flight obstacles. Specifically designed for aviation safety, it makes infrastructure visible only to pilots equipped with NVG (Night Vision Goggles). The IR signal remains completely invisible to the naked eye, eliminating light pollution and respecting the biological cycles of nocturnal wildlife.

VISIBILITY SYSTEM

- Aerodynamic design minimizes ice and snow accumulation
- High-contrast coating for maximum visibility in all weather conditions
- Automatic IR lighting system with dusk activation for nighttime visibility
- Dual IR band for maximum compatibility with all night vision systems
- Zero light pollution — exclusive use of infrared LEDs

AUTONOMOUS ENERGY SYSTEM

- Next-generation solar panels with efficiency exceeding 95% (MPPT)
- High-performance battery with 1-month autonomy in low solar irradiation
- Intelligent energy management with automatic power-saving modes
- Integrated protection against overloads and deep discharges

INSTALLATION & DURABILITY

- Patented quick-mount system — 15 minutes for complete installation
- No external electrical connections or complex configurations required
- Corrosion-resistant aerospace aluminum — IP66 — anti-UV & anti-ice coating
- Certified resistance from -40°C to +80°C — lifespan exceeding 10 years

TECHNICAL SPECIFICATIONS

SPHERE DIAMETER	9" / 23 cm
WEIGHT	14 kg / 30 lbs
AUTONOMY (NO SUNLIGHT)	1 month
OPERATING TEMPERATURE	-40°C / +80°C
SOLAR EFFICIENCY	> 95% MPPT
IR BANDS	Dual band — all NVG systems
IP RATING	IP66
INSTALLATION TIME	15 min (quick-mount)
LIGHT POLLUTION	Zero
OPERATIONAL LIFESPAN	> 10 years



FIELD INSTALLATION

PRODUCT DETAIL

9" / 23cm
SPHERE DIAMETER

1 Month
AUTONOMY (NO SUN)

360°
IR VISIBILITY

10+
YEARS LIFESPAN

Solar MPPT >95%
Autonomous power

NVG Only
Zero light pollution

IP66 Certified
-40°C to +80°C

15-Min Install
Patented quick-mount

Auto Dusk ON
24/7 autonomous ops

