NEWS April 10, 2016.

The Oklahoma Air & Spaceport has recently installed the **THOR GUARD LIGHTING PREDICTION SYSTEM** here at our Clinton-Sherman (KCSM) Airport in Oklahoma. Thor Guard is the World Leader in Lightning Prediction and Warning Systems, a company well recognized within the commercial and military airport business for the reliability.

We are proud to be the first and as today, the only Air & Spaceport in US to have this system that provides our aviation and aerospace clients and operators an important safety feature. The system has the capability to predict and provide a 24-hour emergency notification system in case of adverse weather and storm system. This hardware and software system will ensure additional safety for all the ground personnel, tenants and aviation related business here at the Oklahoma Air & Spaceport.

THOR GUARD, the leader in lightning prediction, is committed to utilize emerging technologies in the development of systems that provide automatic notification of hazardous weather conditions. Click below to learn more about our Profile, History, News and Case Studies...
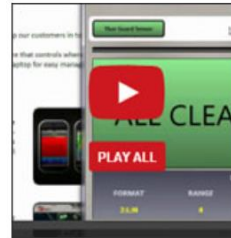
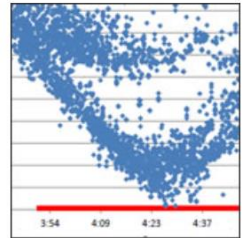|			
THOR GUARD PROFILE & HISTORY Read about our company's development over the decades	**THOR GUARD NEWS** Find out what has been written about **THOR GUARD** in the past 30+ years	**MEDIA & VIDEOS** Watch the latest **THOR GUARD** videos and keep up with our social media pages	**THOR GUARD CASE STUDIES** Learn what a real case study proves about lightning prediction

THOR GUARD Model L75
LIGHTNING PREDICTION SYSTEM

THOR GUARD leads the world in the manufacture of lightning prediction and lightning warning systems. Since 1972, THOR GUARD has utilized our proprietary atmospheric electrostatic analysis to produce a variety of lightning prediction systems to meet the technical and budgetary demands of various customer groups.

THOR GUARD's Model L75 is our first upgradeable base prediction and warning system control center. Customers can now have an entry level system, automatic or manual, capable of providing audible and visual warning for a single site. The L75 is fully upgradeable, so that at any time in the future, you can provide warning for remote locations up to $1\frac{1}{4}$ miles away.

FEATURES

- Easy to Read Large Blue Vacuum Fluorescent Display.
- 40 segment "Energy Level" LED Display to show instantaneous energy migrations.
- "Field Collapse Count" indicator shows lightning discharges during storm activity.
- Unique "Activity Detector" displaying projected time until resumption of safe operations.
- Instant Lightning Hazard Level (LHL) and Dynamic Index (DI) continuously displayed.
- All Clear, Caution, Warning, Red Alert, each distinct warning level clearly displayed.
- Multiple range options available for different geographic areas and user applications.
- User adjustable Red Alert level for increased storm notification time.
- Programmable sensor self-test every 24 hours at user selected time.
- Separate Test key provided to manually verify sensor operation.
- Connects to THOR GUARD's ThorPCX visual display and storm storage software.
- Two (DB9) RS232 ports and 1 USB port to run THOR GUARD'S ThorPCX (Optional)
- Two hazard levels of local audio alarm with user adjustable volume control.
- Option provided for user to mute local audio during storms.
- Auto / Manual mode manages alarms for monitored or unmonitored operations.
- Option to manually sound **All Clear** or **Red Alert** alarm horns by user.
- Self-powerd Internal Storm Buffer maintains recent storm times and hazard levels.
- User-selectable hours of alarm operation or 24-hour continuous operation.
- System diagnostics to facilitate and maintain correct operations.
- Compact design and robust construction, sealed tactile feedback membrane panel.
- Access to **All Clear** & **Red Alert** signal using dry closure contacts relay.
- Wall or table mounting.
- Interfaces with **THOR GUARD WEATHER** (Optional).
- Optional software for use at Airport locations.
- Can be upgraded to the THOR GUARD GUARDIAN EMERGENCY NOTIFICATION SYSTEM.

SELECTED SPECIFICATIONS

Models: L75T, L75B, L75I, L75R

Model Specifications:
L75T ...... Local Hazard Output, +12 Volt DC
L75B ...... Local THOR GUARD VOT Base Horn
L75I ...... Dry Contact Closure Relays (x2), rated 30V DC/4Amax
L75R ...... Local THOR GUARD VOT Base Horn & Remote Horns

Safety Specification: TÜV (NTRL), CE

Power Requirement:
Voltage: 120-240 volts AC, 50-60 Hz, Single Phase
Power: .25A, 30 Watts

Power Supply:
100-240 volts AC 50-60 HZ 0.6A
Dimensions: 1.96" W x 1.5" D x 2.8" H
Safety Requirements: UL, CSA
Power Cord: 5 ft. Weight: 5.22 oz.

Console:
Dimensions: 7.25" L x 8.75" W x 1.75" H
Weight: 2 Lbs.

Lightning Prediction Sensor:
(Maintenance-free)
Dimensions: 12" L x 6" W x 14" H
Weight: 2 Lbs. (Excludes Cable)

Lightning Prediction Sensor
(Maintenance-free)