

Acquisition Opportunity

*Specialist in Patented Antenna
Technology*

Airport Instrument Landing Systems (ILS) Designer and Manufacturer

Specializing in Patented "End-Fire" Antenna Technology

Business Description

Our client designs and manufactures two types of ILS antenna systems. The first, known as the Glide Slope antenna is FAA approved for use in providing final approach glide path information to landing aircraft. As a "non-image" system, the company's End-Fire product does not require large areas of flat terrain for proper function. This makes the system perfect for use in airports in regions that are mountainous, near water or hillsides, or in densely developed areas and is frequently a last resort to provide an ILS capability. In addition, the system is frangible, low-to-the-ground and does not utilize an antenna mast. This makes the system substantially safer for use near runways.

The Localizer is our client's newest product. Unlike the Glide Slope, the Localizer is designed to provide lateral information to landing aircraft. The system utilizes a frangible antenna system that radiates a substantially narrower beam than traditional ILS antennas. Because of its design, the signal from the Localizer is highly resistant to reflective interference caused by nearby buildings, hangars or large aircraft along the taxiway. The implementation of this system allows for substantially denser development near airport runways and allows large aircraft to taxi closer to runways, increasing capacity of operations.

All of the company's major products are protected by US patents. The Glide Slope system has been successfully installed in over 40 locations worldwide. Preliminary testing has shown the Localizer to be substantially superior to current available technology.

For further information regarding Client #16867, you are invited to contact:

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Who Should Acquire?

Current industry trends and a multitude of complications with systems designed to eventually replace ILS indicate that ground-based, non-microwave landing systems will be in use for the foreseeable future. Because of the highly innovative and effective nature of the company's patented products, management has indicated that the company's products could benefit **any business with an interest in airport properties or ILS**. The following types of businesses have been identified as examples of companies that would benefit from our client's products and expertise:

Manufacturers of Radar, Antennas, Communications Equipment, Aircraft Instruments and Standard ILS Systems — Continued demand for safe, reliable and independent landing systems in the US and abroad provide a solid base of potential customers. The company's systems have been installed around the world and have a proven record of effectiveness, reliability and safety. The company's Glide Slope system is one of the only solutions available for difficult site installations and offers huge potential for growth in developing countries. Also, the Glide Slope and Localizer system's design characteristics offer tactical possibilities for the products.

Airport Developers and Consultants — Some of the biggest concerns at airports are safety and effective use of space. Traditional ILS glide slopes require the use of antennas mounted on tall, rigid, masts. These masts are a potential safety hazard to airplanes that may wander off of the runway (ie: emergency landings). All of the company's products are frangible thus providing an unparalleled level of safety for aircraft. The narrow beam of the localizer allows for the construction of hangars and other buildings in close proximity to runways and taxiways.

Hotel Chains — Due to the risk of potential radio interference, many hotel builders may be denied permission to build near airport property. Installation of the company's products alleviates these potential problems due to the narrow beam characteristics of the Glide Slope and the Localizer. Providing these systems to nearby airports may allow for more construction of large buildings adjacent to the airfield and greater density for off-airport development.

Aircraft Manufacturers — Current trends in aircraft design are calling for much larger platforms. However, because of interference problems, standard ILS technology restricts large aircraft from entering the taxiway until there is a long gap between landings thereby reducing the viability of these large planes at busy airports. Because our client's systems do not suffer from these interference (reflection) problems, large planes would not be restricted from taxiways when the Glide Slope and Localizer are installed.