Key characteristics of A-TOM500 system:

- Automatic runway scanning
- Remote control and monitoring through ethernet or wireless connection
- 24/7 non-stop operation
- Automatic proof of activity recording
- Scanning range: up to 2,600m (8,530 ft) of runway
- Easy to maintain with remote access BITE

Technical characteristics:

- Laser Class 2M eye-safe certified
- Beam diameter: 152 mm, collimated
- Dimensions: 1,215 (L) x 800 (W) x 2,150 (H) mm
- Weight: 470 kg (1,040 lbs)
Overview:

A-TOM500 uses LORD INGENIERIE’s unique innovative laser technique to scare birds away.

A-TOM500 is the only bird repellent system that has been developed by specialized ornithologists for the aviation community.

By nature, birds are quite sensitive to visual signs. Field measurements demonstrate that birds are primarily sensitive to the green color.

With A-TOM500, birds perceive and actually see a big green stick coming towards them. The only choice to avoid this stick is to escape and fly away.

The A-TOM500 system integrates a remote maintenance diagnostic tool providing day to day proof of activity and long term lifetime support.

Benefits:

- No bird habituation: there is no bird habituation to such visual technology. While a bird may get used to noise and sounds, it won’t ever try to test a stick blow. It’s the same reflex as a bird flying away as a car approaches.

- No visual annoyance for pilots: the laser is not visible outside a 15-degree cone: approved by pilots during the 3 year real world testing on both civilian and military airports.

- Silent: no hassle such as those caused by traditional pyrotechnic or repetitive acoustic means.

- Modern and user friendly system: Airside Operations can monitor, control and communicate with the system remotely through Ethernet and/or wireless communication.

« The state-of-art in bird repellent technology »