



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS ELECTRONIC SYSTEMS CENTER (AFMC)
HANSCOM AIR FORCE BASE MASSACHUSETTS

MEMORANDUM FOR Safeguards Technology Inc
75 Atlantic Street
Hackensack, NJ 07601-4132

11 AUG 2000

FROM: ESC/FDP
5 Eglin Street, Building 1624
Hanscom AFB, MA 01731-2100

SUBJECT: Evaluation Results on the LaserGuard Intrusion Detection Sensor, June-July 2000

1. Reference: AAC Letter Report 00-20, Foreign Release Number ISINF0-004, January 2000
2. Evaluation of the LaserGuard Intrusion Detection Sensor was sponsored by the Department of Defense Commercial Off-the-Shelf Working Group. We have recently completed the evaluation of the LaserGuard Intrusion Detection Sensor at Site C-3 Eglin Air Force Base, FL. This evaluation concentrated on areas where you implemented product improvements based on your participation and the results of the reference report based on testing conducted in November and December 1999.
3. The improvements in the following areas were substantial:

Nuisance/False Alarm Rate	The average rate of nuisance/false alarms during a 10 day, 240 hour period was less than one (1) per 24 hours. No sunset/sunrise glare problems were observed.
Operating Manual	The operations manual was adequate. Dr. Frucht observed the experience of a technician operating the LaserGuard and acknowledged areas where further clarification would be beneficial.
Environmental Housing	The LaserGuard did not show any evidence of leaking from rain or humidity as observed in the earlier test article.
4. The improvements were accomplished while maintaining the Probability of Detection and effective ranges identified in the reference report.
5. We will forward the complete results of the recent evaluation upon completion of the report and the assignment of a Foreign Release Number for the test report. If we can provide further detail on this CWG evaluation, my point of contact is Mr. Phil Resca, ESC/FDP, DSN 478-4126 or e-mail Phil.Resca@hanscom.af.mil.
6. Thank you for providing the equipment and training that enabled us to conduct this evaluation of the LaserGuard Intrusion Detection Sensor.

Roy A. Higgins
ROY A. HIGGINS
Product Division Chief
Force Protection C2 Systems