TECHNOLOGY:
A WORD OF CAUTION

Presented by:
Philip Baum
Managing Director, Green Light Ltd.

ICAO, Montreal, 21 October 2014
THE LIMITATIONS OF TECHNOLOGY

- **21 DECEMBER 1988**

- **22 DECEMBER 2001**

- **25 DECEMBER 2009**
THE LIMITATIONS OF TECHNOLOGY

- 29 MAY 2003
- 25 DECEMBER 2009
- 29 OCTOBER 2010
THE REAL QUESTION

ARE WE MORE LIKELY TO PREVENT AN ATROCITY TODAY THAN WE WERE 13 YEARS AGO?
MEASUREMENTS OF SUCCESS

- BAGS PER HOUR
- PASSENGERS PER HOUR
- TIP SCORES
- PASSENGER SATISFACTION
- ...OR CRIMINAL ACTS IDENTIFIED?
THE VALUE OF HUMAN INTERVENTION SHOWN ON...

- 17 APRIL 1986
- 21 DECEMBER 2001
- 25 DECEMBER 2009
- 29 OCTOBER 2010
BUT WE CAN’T HAVE A SYSTEM BUILT ON GUT FEELINGS...

CUSTOMS DO

IMMIGRATION DO

QUARANTINE DO

POLICE DO

...SO WHY CAN’T WE?
AVIATION SECURITY?

- COUNTER-TERRORISM?

- A PROCESS FOR PREVENTING ANY UNLAWFUL ATTACK AGAINST CIVIL AVIATION
6,004 REPORTED INCIDENTS IN 2011;

5,220 REPORTED INCIDENTS IN 2012;

PRELIMINARY DATA FOR 2013: 8,217 UNRULY PASSENGER REPORTS
A TRULY GLOBAL PROBLEM
2012: 3,482 INCIDENTS REPORTED
2013: 3,960 INCIDENTS REPORTED
CANADA: 461 (2013)
EIRE: 158 (2013)
NEW ZEALAND: 116 (2013)
UK:
  2009  746
  2010  1500
  2011  1912
  2012  1571
  2013  1394
  2014  510 (to Aug)

GERMANY: 261 (2012)
AUSTRALIA: 733 (2011)
BODY LANDED IN RESIDENTIAL STREET JUST AFTER 0730 ON THE SUNDAY MORNING

BODY PARTS OVER THE ROAD

YOUNG MALE WITH ANGOLAN CURRENCY

BELIEVED TO BE A STOWAWAY ON BA FLIGHT FROM LUANDA
JUST ASK THE AIRPORT POLICE HOW SERIOUS A THREAT THIS IS!
11 APRIL 1955: AIR INDIA
HONG KONG-JAKARTA

- EXPLOSION CAUSED FIRE; CRASHED: NATUNA ISLANDS
- ATTEMPTED ASSASSINATION OF CHINESE PREMIER ZHOU ENLAI
- CHOW-TSE MING, A/C CLEANER, INFILTRATED DEVICE; FLED TO TAIWAN
- KUOMINTANG (TAIWAN) HELD RESPONSIBLE
2007: JFK PLOT TO BLOW UP FUEL FARMS & PIPELINES (former CARGO HANDLER)

2009/10: RAJIB KARIM (Call Centre Computer Technician)

2013: TERRY LEE LOEWEN (A TECHNICIAN) TRIES TO DRIVE A VEHICLE WHICH HE BELIEVES IS LADEN WITH EXPLOSIVES INTO A TERMINAL BUILDING
16 JANUARY 2012:
EL AL ISRAEL AIRLINES

- **OXOMAR SHUTS DOWN EL AL WEBSITE**
- **a.k.a. “THE SAUDI HACKER”**
- **ALSO INFORMATION PAGE OF TEL AVIV STOCK EXCHANGE**
- **BLOCKED; NOT CONTROLLED**
DATA TRANSFERRED TO A SERVER IN HONG KONG

NOT IDENTIFIED UNTIL SEPTEMBER

DATA FOR 190,000 MEMBERS STOLEN
1.8kg Cocaine in breast implants of 28-year-old woman from Panama
PHILIP BAUM

Managing Director,
Green Light Ltd.
& Editor,
Aviation Security International

editor@avsec.com