



Rationalising Global Approaches to Screening Liquids, Aerosols & Gels

**Philip Baum,
Managing Director,
Green Light Ltd.
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3RD JUNE 2009

- **Why Screen for LAGs**
- **Consequences of LAGs Restrictions**
- **Solutions to Facilitate Transportation of LAGs**
- **Approaches to LAGs Screening**
- **The Way Forward**



MY LIQUIDS STORY!





2009

Two further events demonstrated additional weaknesses:-

- **April: Jamaica**

The commandeering of a CanJet aircraft demonstrated the ease with which a security checkpoint can be breached

- **May: Iran**

The infiltration of an explosive device onto a Kish Air aircraft demonstrated that traditional weapons and explosives remain a threat



REACTIVE MEASURES

- CUBAN HIJACKINGS → METAL DETECTION
- PAN AM 103 → HOLD BAGGAGE SCREENING
- 9/11 → COCKPIT DOORS & FOCUS ON KNIVES





REACTIVE MEASURES

- RICHARD REID → SHOE REMOVAL



- LIQUID EXPLOSIVE PLOT → LAGs RESTRICTIONS

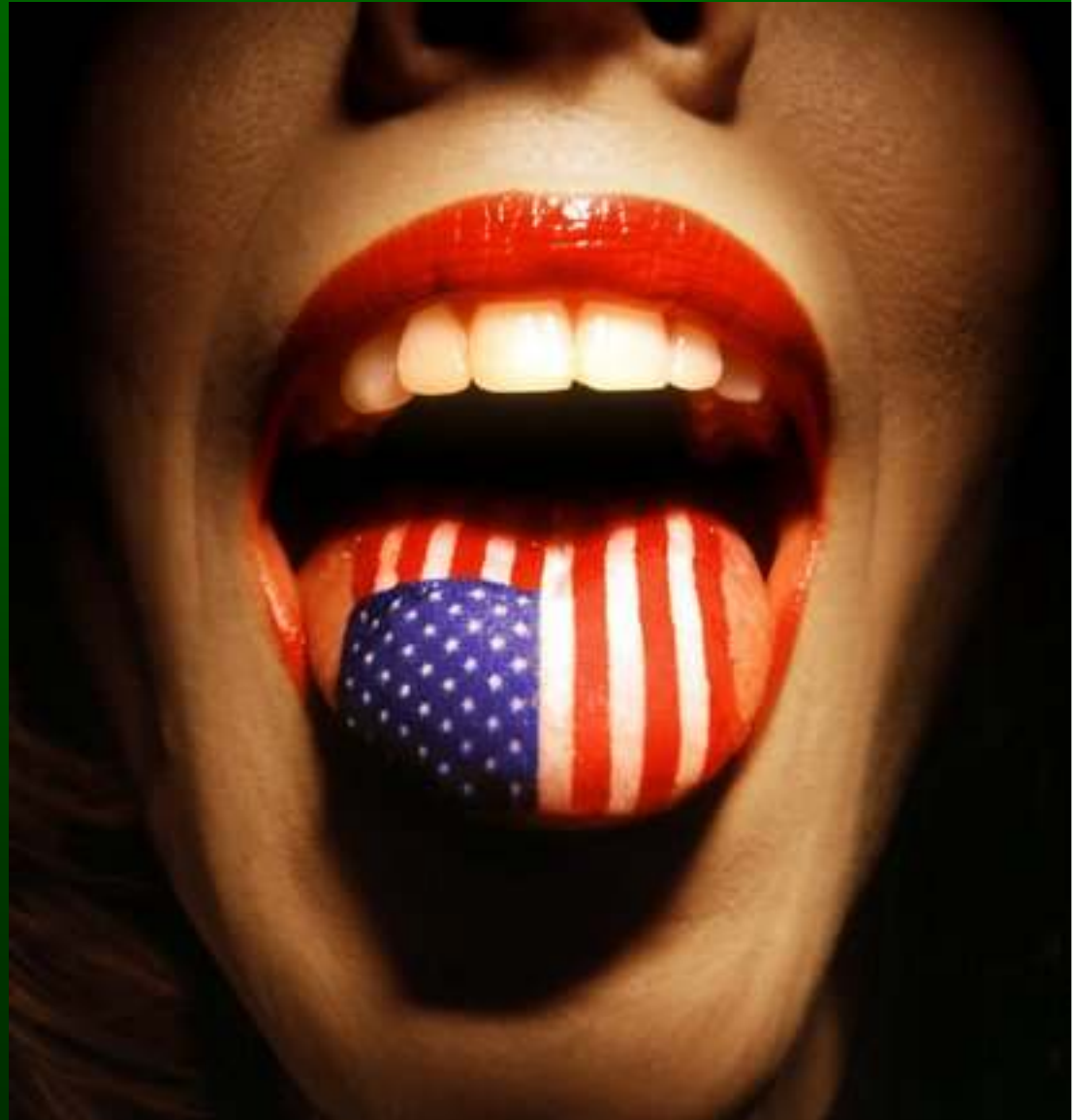




COMMON THEME

ONLY IF THE USA
IS INVOLVED...

WILL THE USA, OR
ANYBODY ELSE,
SPEAK OUT TO
CHANGE
GLOBAL AVSEC
POLICY





29 NOVEMBER 1987: KAL 858 ABU DHABI-BANGKOK



- 115 killed when device exploded on Abu Dhabi-Bangkok sector of flight Baghdad to Seoul
- Liquid explosive device used.
- What was the global response?
- Where was the liquid ban?



11 DECEMBER 1994: PAL MANILA-CEBU-TOKYO



- 1 killed
- Test Run for Bojinka Plot
- Liquid Explosive device (“X-ray Proof”)
- What was the global response?
- Where was the liquid ban?



19 JULY 1994: ALAS CHIRICANAS, PANAMA

- Exploded after departing Colon for Panama City
- All 21 passengers killed
- Believed to be a suicidal terrorist on board: Jamal Lya
- Global response?





**SO...WHAT ARE THE
CONSEQUENCES FOR OUR
CUSTOMERS?**



IMPACT ON PASSENGERS

- QUEUES



- CONFUSION

Security Regulations for Liquid, Aerosol & Gel Purchases

ARE YOU TRANSITING OR STOPPING OVER ANYWHERE?

NO No restrictions. Proceed with your purchases.

YES You may purchase liquid, aerosol or gel in limited quantities. Each container must be less than 100ml.

YES All liquids must be in a single, clear, plastic, leak-proof, 1 litre bag. All other items may be purchased with no restrictions.

NO You are clearing through High Security Screening (HSS) at Auckland, Christchurch, Dunedin, Hamilton, Invercargill, Palmerston North, or Tairāhema.

YES You may purchase liquid, aerosol or gel in limited quantities. Each container must be less than 100ml. The liquid must be in a single, clear, plastic, leak-proof, 1 litre bag. All other items may be purchased with no restrictions.

NO You are clearing through High Security Screening (HSS) at Auckland, Christchurch, Dunedin, Hamilton, Invercargill, Palmerston North, or Tairāhema. Please note the next airport after this stop must be your FINAL destination. If you have the goods going to your next stop, you must declare them to the next airport.

NO You can only take a total quantity of 100ml of liquid, aerosol or gel in a single, clear, plastic, leak-proof, 1 litre bag. All other items may be purchased with no restrictions.

NOTE:

- 1. Liquids must be in a single, clear, plastic, leak-proof, 1 litre bag.
- 2. If you are carrying a liquid, aerosol or gel in a single, clear, plastic, leak-proof, 1 litre bag, you must declare it to the next airport.
- 3. Liquids must be in a single, clear, plastic, leak-proof, 1 litre bag.
- 4. All other items may be purchased with no restrictions.

DPS New Zealand
TAX & DUTY FREE



- COST



IMPACT ON PASSENGERS

A frustration for those:-

- Carrying baby foods and milk
- Who traditionally wear gel inserts in their shoes
- Women who have had mastectomies
- Transit passengers having to dispose duty free purchases
- Passengers who wish to don insect repellent on arrival
- Passengers who drink water or other hydrating liquids
- Passengers who do not speak the language of the country of departure



**SO...WHAT ARE THE SOLUTIONS
FOR OUR CUSTOMERS?**



SOLUTIONS FOR PASSENGERS

- STEBs



- SHOPS

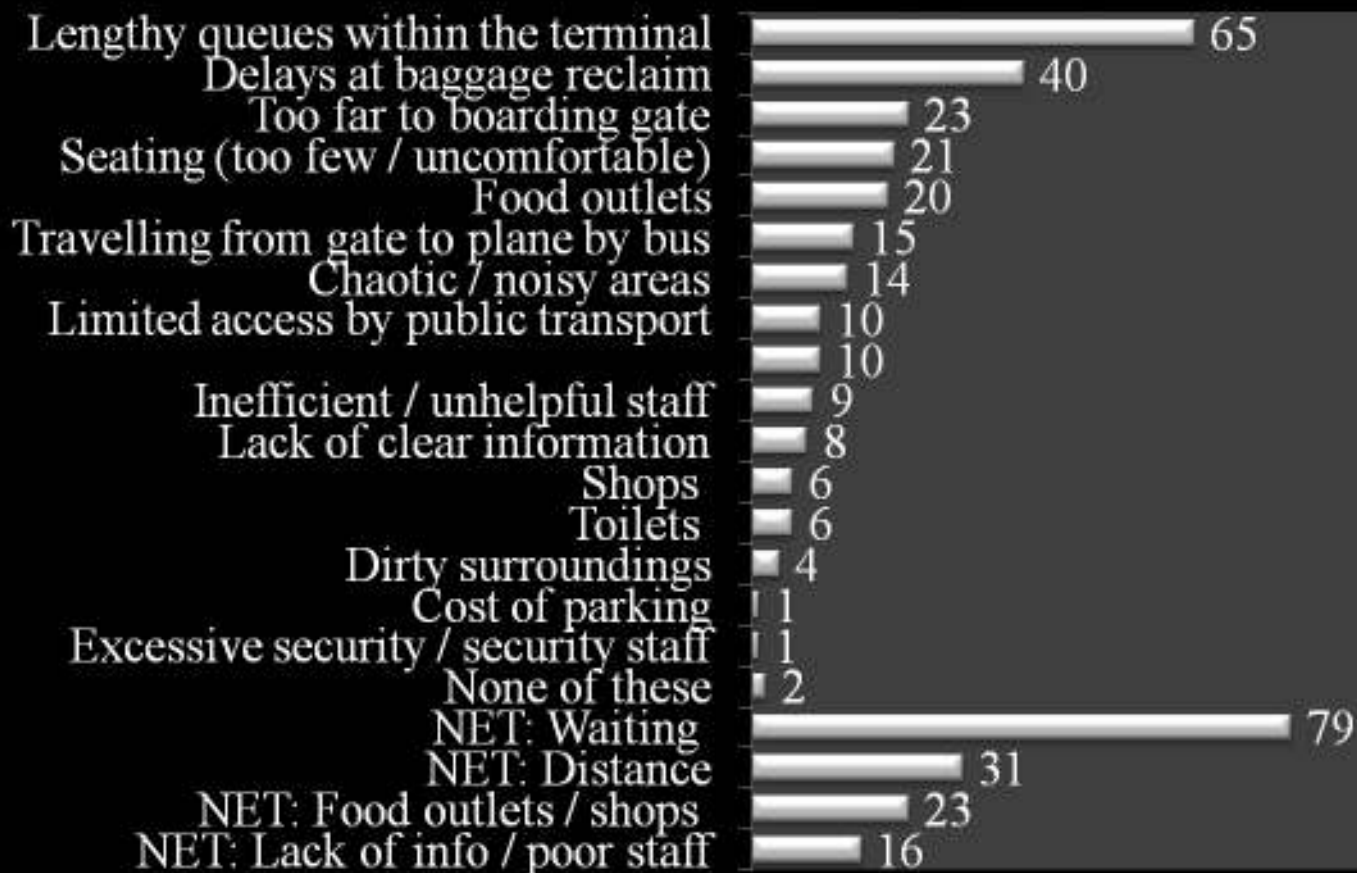


- PLASTIC BAGS





MAJOR IRRITANTS: WHICH? HOLIDAY SURVEY





**SO...WHAT ARE THE SOLUTIONS
FOR OUR AIRPORTS?**



SOLUTIONS FOR AIRPORTS

Identifying the presence of LAGs “requiring” further screening:

- X-RAY
- CT
- CBT SOLUTIONS

Screening liquids:

- Kromek
- Ahura Scientific
- Nuctech
- Optosecurity
- AVK Lab
- Smiths Detection





SO...WHAT'S THE WAY FORWARD?



THE WAY FORWARD

- For as long as we search for the last threat item, we will always be playing catch up
- For as long as we search bags and fail to identify intent, our attention will focus on regulation rather than threat
- For as long as we fail to harmonise requirements, we will continue to see an increase in confused and, potentially, angry passenger.
- For as long as we search for technological solutions and fail to apply common sense, we will fail to deliver the service we have a duty to provide



THE WAY FORWARD

- The only beneficiaries of the LAGs requirements are the manufacturers of the technologies
- The only qualitative benefit derived from the LAGs requirements is the deterrent effect
- The LAGs requirements actually benefit the terrorist community due to our excessive focus of yet another addition to the Prohibited Item List



THE FUTURE

DON'T GET HUNG
UP ON TERRORISM

...DISRUPTIVE
PASSENGERS
PLAGUE OUR
INDUSTRY EVERY
DAY...AND THAT
IS AN AVIATION
SECURITY ISSUE





Philip Baum
Managing Director
Green Light Ltd.

editor@avsec.com

Tel: +44 20 8255 9447

Fax: +44 20 8255 9446