Security How To

Wednesday, Oct. 17, 2018 | 3:00 p.m. – 4:00 pm

Moderator: Eric Moilanen, Premier Corporate Security

Speakers: Greg Reigel and Greg Kulis

Creating a Security Culture

Wednesday October 17, 2018 1500-1600 EDT

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Establishing a Baseline

- Does your company currently do any security planning?
- Do you know who at your company is in charge of security?
- How does your company communicate security?
- How often is security strategy updated?
- Is aviation part of the security strategy?
- Is the aviation department aware of your company's major security risks?
- Has your company ever done a cross departmental security audit, and if so was senior management involved?

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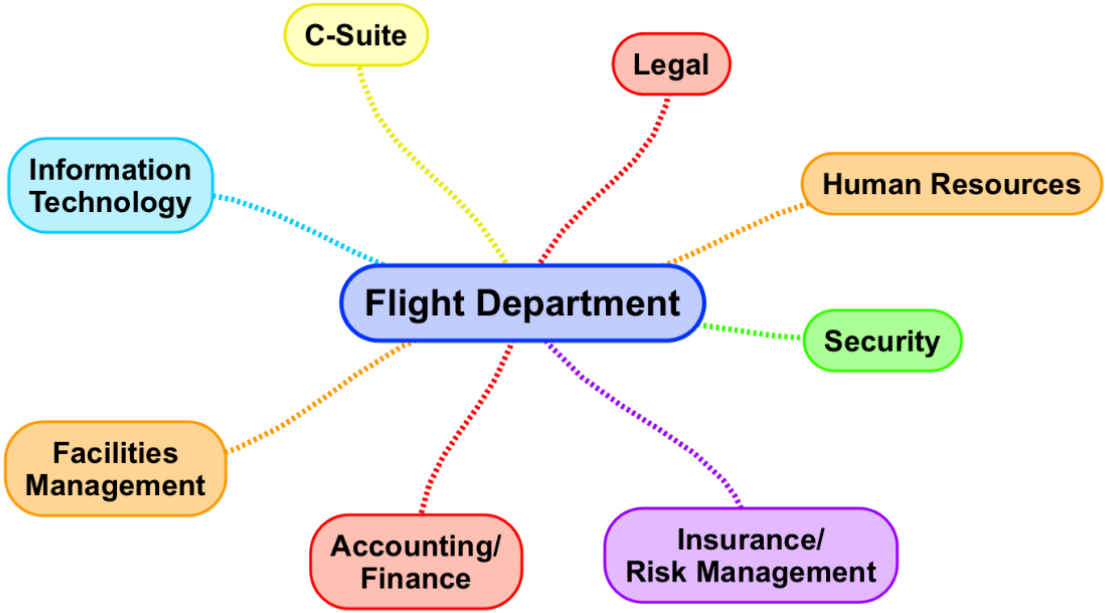

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Risks Management in Aviation

- ✈ Checklists
- ✈ Flight Manuals
- ✈ Redundancy
- ✈ ASAP
- ✈ FOQA
- ✈ SMS

Principles of Security Risk Management

- ✈ Identify Risks
- ✈ Categorize Risks
- ✈ Identify Responses
- ✈ Implementation

Identify the Risks

- ✈ Personnel/Passengers
- ✈ Theft/Vandalism
- ✈ Cyber Threats
- ✈ Civil Unrest/Riots
- ✈ Riots
- ✈ Terrorism

Categorize the Risks

Likelihood \ Impact	Negligible	Minor	Moderate	Significant	Severe
Very Likely	Low Med	Medium	Med Hi	High	High
Likely	Low	Low Med	Medium	Med Hi	High
Possible	Low	Low Med	Medium	Med Hi	Med Hi
Unlikely	Low	Low Med	Low Med	Medium	Med Hi
Very Unlikely	Low	Low	Low Med	Medium	Medium

Responses to Risk

- ✈ Avoidance
- ✈ Reduction/Mitigation/Control
- ✈ Transfer
- ✈ Retention/Acceptance

Implementation

- Enterprise Security Management
- Creating a Plan (e.g. SMS)
- Ongoing Assessment/Evaluation

Security Plan – Development & Implementation

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Gregory W. Kulis ,CAM – ISBAO Auditor

Threat – Risk – Vulnerability Assessment

Must be Company Specific

ISBAO – Chapter 15

15 .1 Has the operator established, and maintained a security programme that is proportional to the threat against the operator, its personnel, aircraft and facilities?

- Nature of Company Business
- Threats will be different at each location
- Nationality of business and aircraft registration
- Passenger profile

Security Plan – Development & Implementation

The Company Aircraft are an extension of the Executive Offices

- Aviation security policy must be integrated and aligned with the corporate structure
- Direct communication must be maintained with the corporate security team.
- Policy must be continually revised to align with corporate security policy throughout the organization
- Each Flight operation must have a designated security coordinator who facilitates communication between corporate security and flight operations

Security Plan – Development & Implementation

Security Manual Design, Organization, Revision

- In our industry one size does not fit all however flight planning progression moves through the same phases and follows the same basic sequence!!!
- A Flight Operation's Security policy can be broken down into both administrative and operational phases that logically follow a flight from its initiation to its conclusion.
- Breaking down the flight operation into sequenced phases simplifies policy development, content placement, and revision.

Security Plan – Development & Implementation

Security Manual Design, Organization, Revision

- Organizing security policy into phases of a flight operation can be used successfully for all of our aviation assets whether the operator is one aircraft with three pilots or a large multiple aircraft fleet with worldwide coverage and multiple bases of operation.
- Basic Security considerations apply to all of us, the same format can be used
- The basic model must then be expanded or revised by increasing detail and complexity to fit the specific operator.

Security Plan – Development & Implementation

A flight department security policy should at a minimum address the following administrative and operational phases:

Administrative Processes

******Every flight operations starts with the people who are coming to work.**

1. Personnel
   - **Background checks - 49 CFR Part 1544.229**
   - **Fingerprint based? SIDA, DASSP, 12/5, PCSSP**
   - **Airman record checks**

Security Plan – Development & Implementation

Administrative - Continued

2. Training Requirements
   - **Identify Mandatory Training Requirements**
   - **Frequency of Training**
   - **Internal or External Provider**

3. Scheduling / Dispatching
   - **Security management of flight requests from corporate**
   - **Dispatcher / Schedulers Information Handling**
   - **Flight Planning providers**
   - **International Handlers**

Security Plan – Development & Implementation

Administrative - Continued

4. **Information Security**

- Sensitive information contained in areas with tight access control
- Dispatch area monitored and access restricted
- Key card recording system for entry into sensitive information areas
- Destruction / Shredding of all non-retention electronic and paper documents
- Phone systems – incoming call information retention for suspicious / threatening calls

Security Plan – Development & Implementation

Operational Phases

1. **Facilities Security**

- Access Control Systems
- Key Card Recording Systems
- Security Camera Placement
- Displayed ID and SIDA Badge Display
- Visitors log and identification
- Passenger Check in and escort procedures
- Package delivery acceptance procedures

Security Plan – Development & Implementation

Operational Phases - continued

2. <u>Aircraft Security</u> – (including maintenance security policy)

- Hangar access control procedures
- Security Camera placement
- Aircraft door, panel, baggage and emergency exit locking requirements
- Aircraft alarm systems
- Maintenance security policies

Security Plan – Development & Implementation

Operational Phases - continued

3. <u>Food security</u>

- Approved catering services requirements
- Delivery recordkeeping
- Packaging and storage
- Handling and preparation policies

Security Plan – Development & Implementation

Operational Phases - continued

4. **In flight security considerations**

- Flight Deck access control
- Baggage identification and cargo policies
- Transportation of firearms policies
- Prohibited Items – Passenger education and International Customs regulations
- Lithium Ion Battery Policy and Containment
- Fuel reserve policies

Security Plan – Development & Implementation

Operational Phases - continued

5. <u>Transient FBO / handling facility security considerations</u>

- 24 hour ramp access control
- Security system monitoring
- No public display of aircraft tracking information
- Background check of all FBO employees
- Baggage handling procedures
- Restricted public access to common areas

Security Plan – Development & Implementation

Operational Phases - continued

6. <u>Ground Transportation Requirements</u>

- Transportation safety and duty of care
- Vetted Transportation for Company required transport – to/from FBO – Hotel
- Minimum Safety and Insurance Requirements
- Secure Transport in high risk areas
- Advanced Route Planning
- Advanced Driver and Vehicle Identification Information

Security Plan – Development & Implementation

Operational Phases - continued

7. **Hotel Selection criteria**

- Airport proximity and traffic safety
- Area medical and emergency services
- Surrounding area safety
- 24 hour security
- Interior room access only
- Crew security policies – room numbers, notifications, emergency meeting locations

Security Plan – Development & Implementation

Operational Phases - continued

8. Travel Security General

- Travel Briefing policies
- Ground transportation requirements
- Notification of movement – Other crewmembers / Dispatch
- Proximity policies – 2 hour response time to aircraft
- Use of tracking application
- Activity Restrictions

Travel Risk Considerations

The common threat categories facing the global traveler

- Traffic Accidents
- Homicide
  - Criminal
  - Kidnapping
  - Terrorism
- Suicide
- Drowning
- Natural Disaster

Cause of Death	Reported Number of American Deaths Abroad
Traffic accidents	3,104
Homicide	2,000
Suicide	1,461
Drowning	1,320
“Other accidents”	1,294

Sources: U.S Department of State Most common causes of death (October 2002-June 2016)

Travel Risk Considerations

Travel Security

- Anytime we are in the Company of people who know who we are and what we do, we become high value targets for all types of criminal behavior.
- It is the criminal's perception of your value as a victim

  that determines your chances of being selected as a target

Criminal Perception Of Us

- Cash
- Credit Cards
- Passport
- FAA, Airport ID, Crew ID, and other travel documents
- Unfamiliar with surroundings
- Unfamiliar with local law-enforcement
- Reduced chance of subsequent identification
- Perceived High Net Worth – Ransom
- Perceived Access to High Net Worth Individuals
- Known Access to High Net Worth Property (aircraft)
- Perceived Access to Trade Secrets or Proprietary Information
- High Probability of International Media Attention

High Value Target

- Street crime – cash for drugs
- Credit Card Fraud
- Identity Theft
- Ransom Demands
- Politically motivated – international notoriety
- Mentally Disturbed
- Terrorism

Travel Risk Considerations

Ground Transportation

- Most vulnerable portion of the journey
- Risk profile differences
- Airport to Hotel – vs.- Hotel to Airport
- Ground transportation must either be carefully vetted or have no advance knowledge of who you are or what you do

Travel Risk Considerations

Use of Taxis

- Discussion and examples
- Criminals and the use of taxis
- Dangers of prearranged pick ups
- Precautions – Safety measures

Victim and Environment

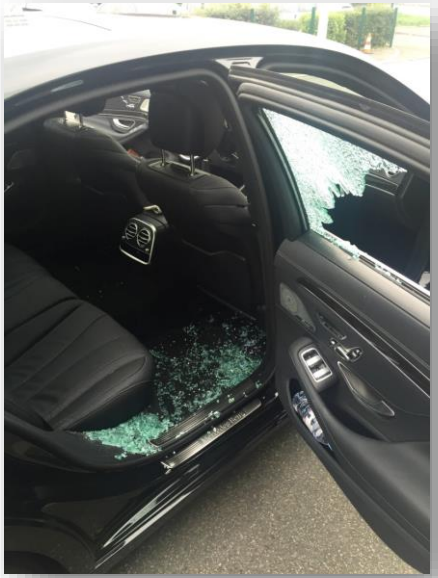
Situational Awareness

- The criminal will either select the victim and wait for the right environment or will select the environment and wait for the victim.

- Criminal must perceive the right victim and right environment at the same time or the crime will not occur

Travel Risk Considerations

Ground Transportation: Paris Le Bourget -Crew Robbery



Travel Security Resources

Security Briefings and Services

- U.S. Department of State
  - http://travel.state.gov/travelsafely/NBAA
- Smart Traveler Enrollment Program – STEP –
  - https://step.state.gov
- Overseas Security Advisory Council
  - www.osac.gov
- NBAA International Feedback
  - https://www.nbaa.org/ops/intl/

Travel Security Resources

Security Briefings and Services

- United Healthcare Global – www.uhcglobal.com
- Universal Weather and Aviation – www.universalweather.com
- iJet – www.ijet.com/solutions/mobil-solutions
  - WorldCue Tracking
- FAM International Security – www.faminternational.com
- MedAire – www.medaire.com/solutions/business-general-aviation/services-solutions/medical-security-assistance

Travel Security Resources

Security Briefings and Services

- **How to Submit Blocking Requests**
- The FAA's primary electronic mailbox for all aircraft blocking and unblocking requests and for related inquiries directed to the ASDI blocking program is ASDIBlock@faa.gov.
- The FAA also will accept hard-copy aircraft block requests submitted by regular mail at:
- FAA ASDI
  Blocking Request; ATO System
  Operation Services, AJR–0; Wilbur
  Wright Building, Room 3E1500
  600 Independence Avenue SW; Washington, DC 20597FAA Contact: William Blacker
  Phone: (202) 267-0346
  Email: William.Blacker@faa.gov

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