

FAA Academy

Inspector Training System

Presented By: Garrison Russell

**3rd Pan-African Aviation Training Coordination Conference
Cape Town, July 27-29, 2011**



**Federal Aviation
Administration**



**3rd Pan-African Aviation
Training Coordination
Conference**

**Cape Town, South Africa
July 27-29, 2011**



**Federal Aviation
Administration**

- ICAO USOAP
- Need for Common Standard for Training & Qualification of Safety Inspectors



Solution!

Inspector Training System



ITS Inspector

Development

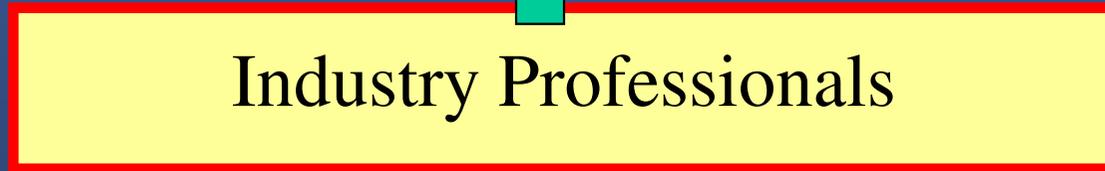
CAA
Inspectors

Qualification

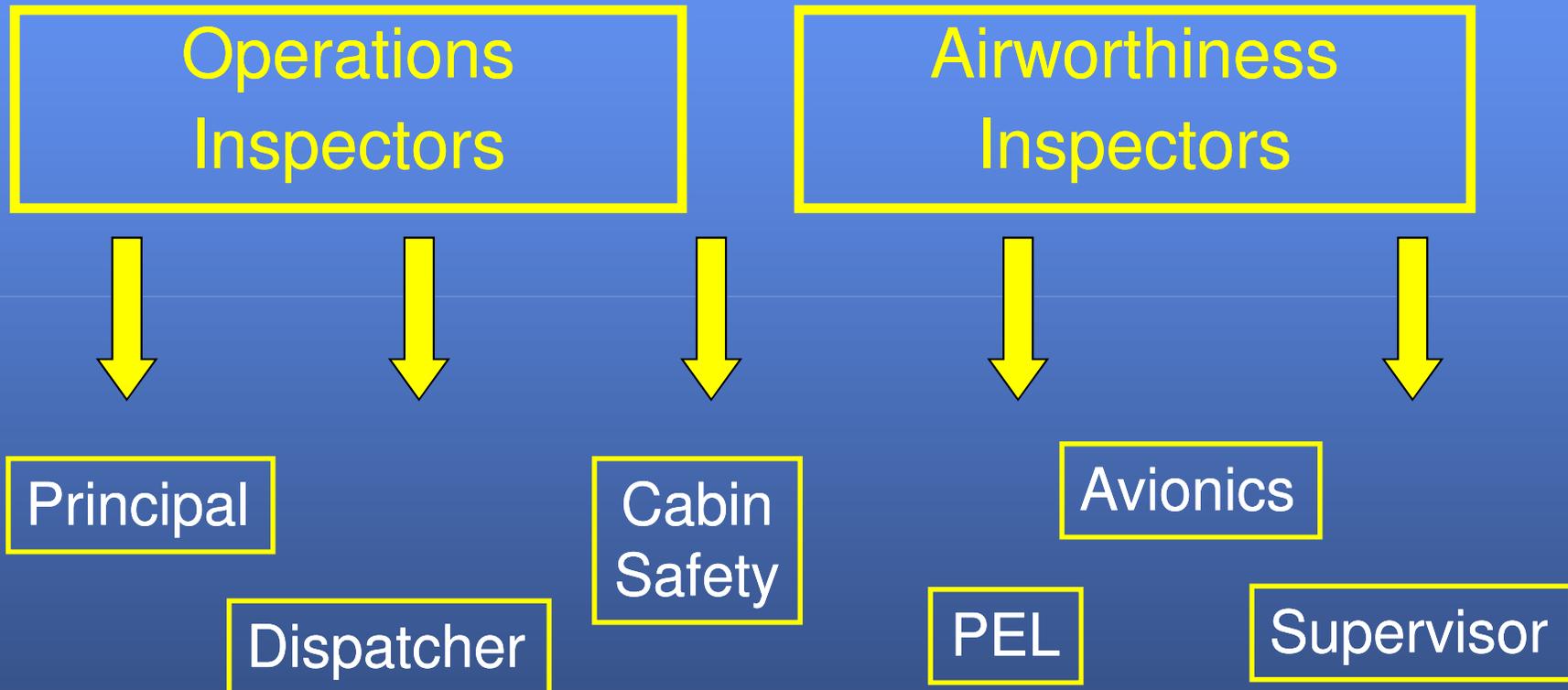
Training

Start

Industry Professionals



Simple ITS System: Only 2 Training Profiles!



Several Possible Specialties!

ITS = Performance Based Training

Operations Inspector Training Profile

Job Function	Duty	OPS Task #	Task Description
3.0 Surveillance		3.000	
Formal Course Name: Air Operator Surveillance -			
Formal Course Number: 3001			
Surveillance	Air Operator	3.001	Plan a Sur
Surveillance	Air Operator	3.002	Conduct an Ultralight Ramp Inspection
Surveillance	Air Operator	3.003	Conduct Airplane Ramp Inspection
Surveillance	Air Operator	3.004	Conduct a Cabin En Route Inspection
Surveillance	Air Operator	3.005	Conduct a Cockpit En Route Inspection
Surveillance	Air Operator	3.006	Inspect a Line Station Operation and Facilities
Surveillance	Air Operator	3.007	Inspect Trip Records
Surveillance	Air Operator	3.008	Inspect Crew & Dispatch Records
Surveillance	Air Operator	3.009	Inspect a Check Airman
Surveillance	Air Operator	3.010	Inspect a Main Operations Base

427 Possible Job Functions

ITS = Performance Based Training

Operations Inspector Training Profile

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Surveillance	Air Operator	3.002	Conduct an Ultralight Ramp Inspection
Surveillance	Air Operator	3.003	Conduct Airplane Ramp Inspection
Surveillance	Air Operator	3.004	Conduct a Cabin
Surveillance	Air Operator	3.005	Conduct a C
Surveillance	Air Operator	3.006	Inspect a Lin
Surveillance	Air Operator	3.007	Inspect Trip
Surveillance	Air Operator	3.008	Inspect Crew
Surveillance	Air Operator	3.009	Inspect a Ch
Surveillance	Air Operator	3.010	Inspect a Ma

427 Possible Job Functions

Each Described in ITS Job Task Analysis

ITS = Performance Based Training

Operations Inspector Training Profile

Job Function	Duty	OPS Task #	
3.0 Surveillance		3.000	
Formal Course Name: Air Operator School			
Formal Course Number: 3001			
Surveillance	Air Operator	3.001	Plan a Surveillance Work Program
Surveillance	Air Operator	3.002	Conduct an Unmanned Light Ramp Inspection
Surveillance	Air Operator	3.003	Conduct Airplane Ramp Inspection
Surveillance	Air Operator	3.004	Conduct a Cabin En Route Inspection
Surveillance	Air Operator	3.005	Conduct a Cockpit En Route Inspection
Surveillance	Air Operator	3.006	Inspect a Line Station Operation and Facilities
Surveillance	Air Operator	3.007	Inspect Trip Records
Surveillance	Air Operator	3.008	Inspect Crew & Dispatch Records
Surveillance	Air Operator	3.009	Inspect a Check Airman
Surveillance	Air Operator	3.010	Inspect a Main Operations Base

Structured OJT on Assigned Tasks

ITS = Performance Based Training

Operations Inspector Training Profile

Job Function	Duty	OPS Task #	
3.0 Surveillance		3.000	
Formal Course Name: Air Operator School			
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Surveillance	Air Operator	3.003	Conduct Airplane Ramp Inspection
Surveillance	Air Operator	3.004	Conduct a Cabin En Route Inspection
Surveillance	Air Operator	3.005	Conduct a Cockpit En Route Inspection
Surveillance	Air Operator	3.006	Inspect a Line Station Operation and Facilities
Surveillance	Air Operator	3.007	Inspect
Surveillance	Air Operator	3.008	Inspect
Surveillance	Air Operator	3.009	Inspect
Surveillance	Air Operator	3.010	Inspect

Structured OJT on Assigned Tasks

Described in ITS OJT Guide

ITS Training Profile

Operations Inspector Training Profile

Job Function	Duty	OPS Task #	Task Description
3.0 Surveillance		3.000	
Formal Course Name: Air Operator Surveillance - Operations			
Formal Course Number: 3001			
Surveillance	Air Operator	3.001	Plan
Surveillance	Air Operator	3.002	Conduc
Surveillance	Air Operator	3.003	Conduct
Surveillance	Air Operator	3.004	Conduct
Surveillance	Air Operator	3.005	Conduct
Surveillance	Air Operator	3.006	Inspect a
Surveillance	Air Operator	3.007	Inspect T
Surveillance	Air Operator	3.008	Inspect Crew & Dispatch Records
Surveillance	Air Operator	3.009	Inspect a Check Airman
Surveillance	Air Operator	3.010	Inspect a Main Operations Base

Tasks Grouped Together Under Associated Classroom Courses

ITS Training Profile

Operations Inspector Training Profile

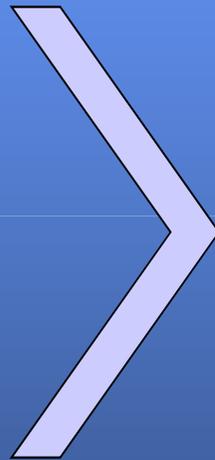
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Formal Course Name: Air Operator Surveillance - Operations			
Formal Course Number: 3001			
Surveillance	Air Operator	3.001	Pla
Surveillance	Air Operator	3.002	Conduc
Surveillance	Air Operator	3.003	Conduct
Surveillance	Air Operator	3.004	Conduct
Surveillance	Air Operator	3.005	Conduct
Surveillance	Air Operator	3.006	Inspect a
Surveillance	Air Operator	3.007	Inspect T
Surveillance	Air Operator	3.008	Inspect Crew & Dispatch Records
Surveillance	Air Operator	3.009	Inspect a C
Surveillance	Air Operator	3.010	Inspect a M

Tasks Grouped Together Under Associated Classroom Courses

Described in ITS Formal Course Standards

Training Required

Inspector
Qualification



Formal Training
Course



OJT
On Assigned
Job Tasks

ITS Training Profile

Operations Inspector Training Profile

Job Function	Duty	OPS Task #	Task Description
3.0 Surveillance		3.000	
Formal Course Name: Air Operator Surveillance - Operations			
Formal Course Number: 3001			
Surveillance	Air		

Senior Inspectors Need Only 5 Courses:

- Indoctrination
- Air Operator Certification
- Inspections
- Licensing
- Resolution of Safety Concerns

ITS Training Record

Worksheet or Software!

Operations Inspector Training Profile Worksheet

Inspector Name: **Darla Mapoze**

1.0 Indoctrination

1.000

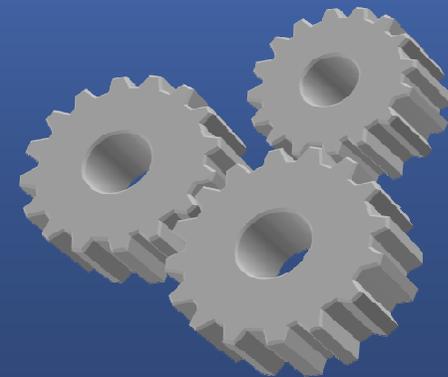
Formal Course Name: **New Employee Orientation**
 Formal Course Number: **1001**

Date Completed: **15 October 2009**

Task	Description	Planned Date	Level 1		Level 2		Level 3	
			Date	Initials	Date	Initials	Date	Initials
1.001	Employee benefits	20 Oct 09	20 Oct 09	SPF	21 Oct 09	SPF	22 Oct 09	SPF
1.002	Time and Attendance							
1.003	Employee Training and Development							
1.004	Office Communications							
1.005	Computer Systems							
1.006	Managing Resources							
1.007	Employee Ethics							
1.008	Labor Unions							
1.009	Conduct and Discipline							
1.010	Travel							
1.011	Security							

ITS System Components

1. ITS OJT Guide
2. ITS Job Task Analysis
3. ITS Formal Course Standards
4. ITS Training Record Software
5. ITS Program Guide



ITS Training Course

- **10 Days**
- **For managers & OJT instructors**
- **Built on ICAO Requirements**
- **ITS System & Components**
- **OJT Process**
- **Recordkeeping & Reports**

Inspector Training System

**Complies with ICAO
& IASA**



Just Imagine !

A Common Training Standard

→ Inspector Sharing

→ The Basis of Regional Safety
Oversight Organizations



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FAA Academy International Training

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FAA Academy International Training Division

Inspector Training System



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Administration



Thank You!



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