



Transportation
Security
Administration

NOTIONAL – FOR DISCUSSION PURPOSES ONLY

Achieving 100% Cargo Screening on Passenger Aircraft

February 2009 – Non-SSI Presentation



Agenda

Opening Remarks

100% Screening Legislation

Approach to 100% Screening

- Narrow Body Amendment
 - Certified Cargo Screening Program
 - Freight Forwarder (IAC) Screening
-

Policy Details

Looking Ahead

Q&A



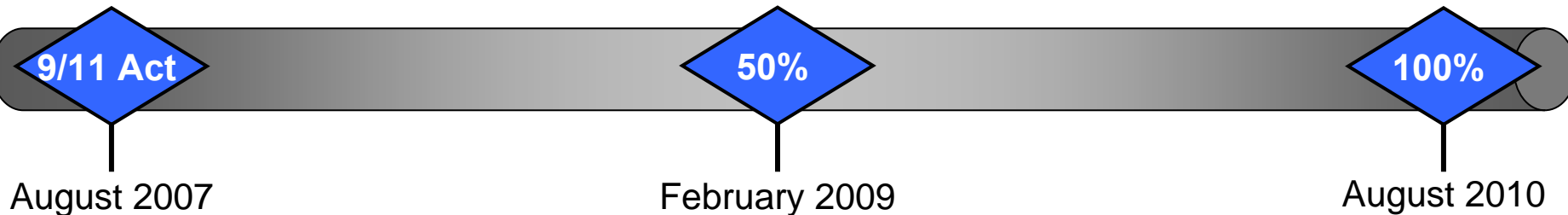
100% Screening Legislation

Background

- President Bush approved *Implementing Recommendations of the 9/11 Commission Act of 2007* on August 3, 2007.
- The legislation mandates 100% screening by August 2010 and requires TSA to:
 - Establish a system to **screen** 100% of cargo transported on passenger aircraft.
 - Provide a level of security **commensurate** to that of passenger baggage.
 - Meet inspection benchmarks.



Congressionally Mandated Cargo Screening Benchmarks





100% Screening Technology Tools

TSA Approved Screening Methods

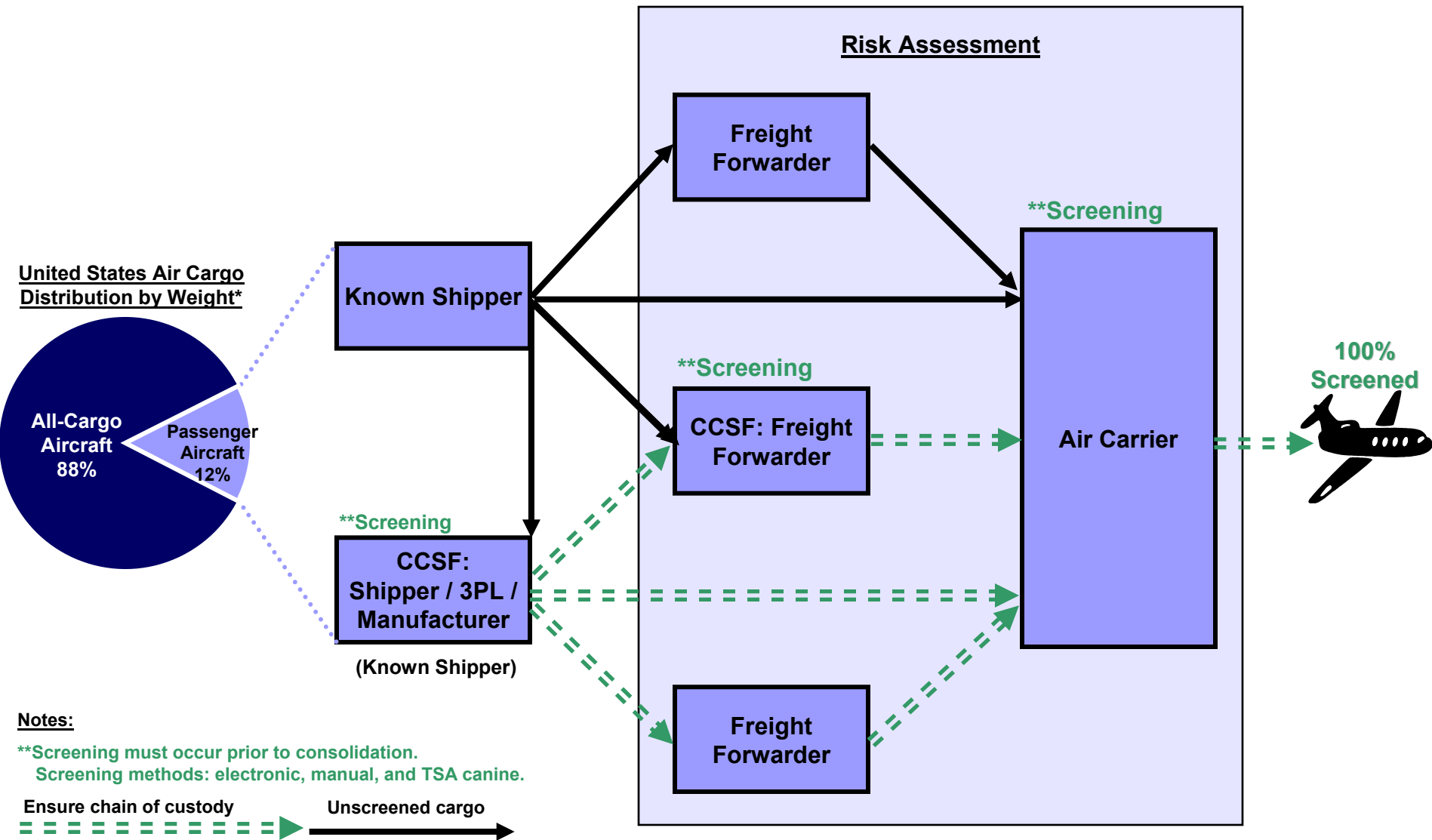
- Physical search with verification of manifest or other packing document
- AT X-ray*
- Explosives Trace Detection (ETD)*
- Explosives Detection System (EDS)*
- Decompression chamber
- TSA operated canines
- Any other detection equipment accepted in the future by TSA

*All technologies must be on the current TSA Screening Technology List which will be made available to screening participants.



Future Air Cargo Supply Chain

Distributing screening technology and responsibility across the supply chain.





TSA's Approach to 100% Screening

- TSA is pursuing the following initiatives to aid industry in achieving the 100% screening requirements and milestones:
 - Narrow Body Screening Amendment
 - Phased Rollout of the Certified Cargo Screening Program (CCSP)
 - Shippers in 9 cities
 - Freight Forwarders (IACs) in 18 cities
 - IAC Screening Technology Pilot (STP) participants
 - Non-Pilot applicants

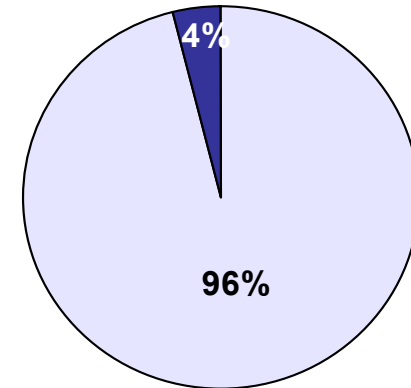




100% Narrow Body Amendment

- TSA issued an amendment to the air carrier screening programs requiring 100% screening of cargo transported on all narrow bodied passenger aircraft:
 - Released on August 1, 2008.
 - Effective on October 1, 2008.
- Requirement applies to originating cargo tendered on narrow body passenger aircraft.
 - i.e., B-737, B-757, A-320 (and smaller)
 - Shrink-wrapped and banded exemptions are removed under the amendment.

of Flights



□ Narrow Body
■ Wide Body

- 96% of passenger flights are narrow body.
- More than 80% of the passengers and 25% of cargo are carried on these flights.



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Certified Cargo Screening Program



Certified Cargo Screening Program Overview

TSA developed the philosophy behind the CCSP by working closely with U.S. and international agencies and associations to incorporate key aspects of commensurate security programs:

- Customs-Trade Partnership Against Terrorism (C-TPAT)
- The UK's Known Consignor Program

CCSP was developed to:

- Allow screening of cargo early in the air cargo supply chain by a trusted, vetted, and audited facility.
- Establish the integrity of a shipment through enhanced physical and personnel security standards at Certified Cargo Screening Facilities (CCSFs).
- Maintain the integrity of a shipment throughout the supply chain by utilizing stringent chain of custody methods.

Participation in CCSP is voluntary, but once in, CCSFs must:

- Adhere to increased TSA-directed security standards.
- Employ chain of custody.
- Permit onsite validations.
- Be subject to TSI-C inspections.



Who can become a Certified Cargo Screening Facility?

The CCSP is a facility based program. Facilities screening under the CCSP will be known as Certified Cargo Screening Facilities (CCSFs).

- Facilities currently applying to become CCSFs:

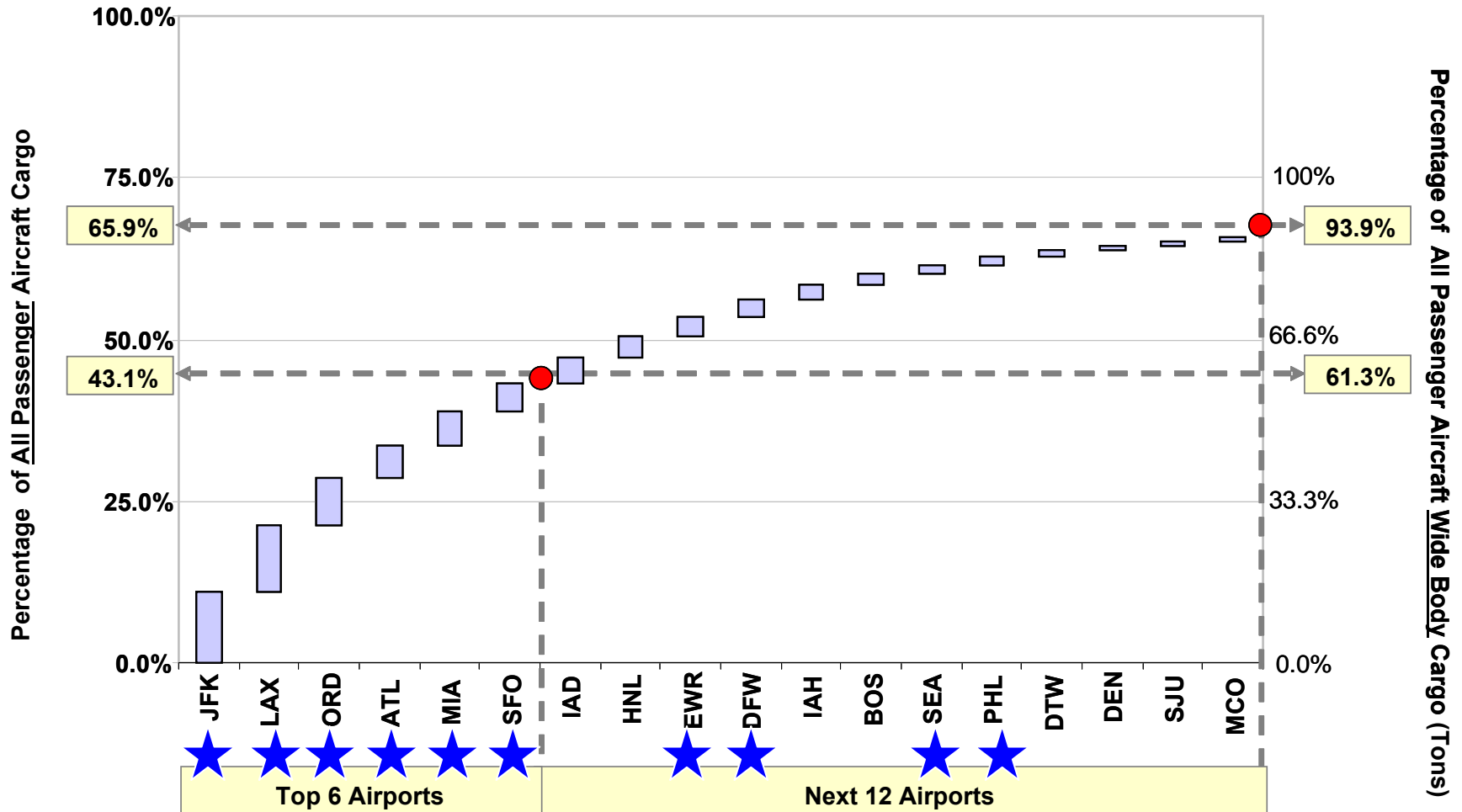


- Any entity with the desire to screen cargo must have a facility that can be secured.
 - CCSFs must be no more than one node back from a currently regulated entity (freight forwarder/air carrier).
- Facilities that are not currently regulated by TSA will become regulated under the program.



Screening Location Data

- Over 65% of all passenger air cargo originates from 18 airports/major gateways:



★ Indicates city where shipper facilities are targeted during Phase One Deployment in parallel with freight forwarding facilities.



IAC Screening Technology Pilot Overview

As part of the Certified Cargo Screening Program, TSA is conducting an IAC Screening Technology Pilot (STP).

TSA's objectives for the STP are:

- To assist industry in achieving the screening requirements of the Act by creating screening capacity at the IACs
- To measure the effectiveness of select screening technologies on various commodity classes
- To evaluate chain-of-custody procedures for screened cargo as it moves from the IAC to the air carrier.

IACs participating in the STP must:

- Have a facility located in one of the 18 major gateways
- Have a minimum annual volume of 200 consolidations (ULDs) tendered to passenger aircraft
- Sign an Other Transactional Agreement (OTA) to receive funding from TSA
- Provide detailed reporting on cargo volumes screened **and** screening technology data

[Additional Information](#)



Master List

- CCSF Master List will identify IACs, Shippers, and Independent Cargo Screening Facilities that are active CCSFs.
 - Several tabs will be included in the Master List that will contain information on active IACs, Air Carriers, and active CCSFs.
 - CCSF tabs included in the Master List will reflect CCSFs that are newly certified or have decided to withdraw from the program.
- The Monthly Master List is published on the 15th of each month.
- The Weekly Supplemental List will be published on the IAC and Carrier web boards every Monday.
 - Newly certified CCSFs (IAC, Shipper, ICSF) and entities who have acknowledged the IAC – 001 will be published each Monday on this list.

The following is a list of TSA approved Certified Cargo Screening Facilities					
Approval Number	Certified Cargo Screening Facility Name	City	State	CCSF Expiration Date	IAC Expirat
LAX.C.12.15.2008.332	Shipping XYZ	Los Angeles	CA	15-Dec-2011	07-Mar-2010
LAX.C.12.15.2008.802	Shipping XYZ	Los Angeles	CA	15-Dec-2011	07-Apr-2009
LAX.C.12.15.2008.572	Shipping XYZ	Los Angeles	CA	15-Dec-2011	08-Feb-2009
LAX.C.01.08.2009.568	Shipping XYZ	Los Angeles	CA	08-Jan-2012	18-Jan-2010
LAX.01.09.2009.333	Shipping XYZ	Los Angeles	CA	09-Jan-2012	23-Dec-2009
LAX.C.01.09.2009.161	Shipping XYZ	Los Angeles	CA	09-Jan-2012	27-Mar-2009
LAX.C.01.15.2009.520	Shipping XYZ	Los Angeles	CA	15-Jan-2012	07-Oct-2009
LAX.C.01.08.2009.825	IAC XYZ	Los Angeles	CA	08-Jan-2012	06-Jun-2009
LAX.C.01.08.2009.279	IAC XYZ	Los Angeles	CA	08-Jan-2012	31-Jan-2010
LAX.C.01.08.2009.810	IAC XYZ	Los Angeles	CA	08-Jan-2012	31-Jan-2010
LAX.C.01.09.2009.101	IAC XYZ	Los Angeles	CA	09-Jan-2012	31-Jan-2010
LAX.C.01.08.2009.134	IAC XYZ	Los Angeles	CA	08-Jan-2012	28-Nov-2009
LAX.C.01.09.2009.843	IAC XYZ	Los Angeles	CA	09-Jan-2012	28-Nov-2009
LAX.C.01.09.2009.860	IAC XYZ	Los Angeles	CA	09-Jan-2012	13-Jan-2010
LAX.C.01.09.2009.696	IAC XYZ	Los Angeles	CA	09-Jan-2012	13-Jan-2010
LAX.C.01.08.2009.014	IAC XYZ	Los Angeles	CA	08-Jan-2012	13-Jan-2010
LAX.C.01.09.2009.709	IAC XYZ	Los Angeles	CA	09-Jan-2012	13-Jan-2010
LAX.C.01.09.2009.380	IAC XYZ	Los Angeles	CA	09-Jan-2012	30-Nov-2009
LAX.C.01.08.2009.261	IAC XYZ	Los Angeles	CA	09-Jan-2012	13-Jan-2010
LAX.C.01.09.2009.723	IAC XYZ	Los Angeles	CA	09-Jan-2012	11-Apr-2009
LAX.C.01.09.2009.882	IAC XYZ	Los Angeles	CA	09-Jan-2012	01-Oct-2009
LAX.C.01.15.2009.589	IAC XYZ	Los Angeles	CA	15-Jan-2012	01-Feb-2010
LAX.C.01.08.2009.405	IAC XYZ	Los Angeles	CA	08-Jan-2012	31-Jan-2010
LAX.C.01.09.2009.084	IAC XYZ	Los Angeles	CA	09-Jan-2012	27-Jan-2010
LAX.C.01.09.2009.219	IAC XYZ	Los Angeles	CA	09-Jan-2012	27-Jan-2010
LAX.C.01.09.2009.835	IAC XYZ	Los Angeles	CA	09-Jan-2012	27-Jan-2010



Program and Policy Details



Facility Requirements

- All facilities must adhere to the following requirements prior to validation:

Facility Security

Identify Designated Screening Area (DSA) and implement required access controls, etc.

Employee Training

All employees and authorized representatives must be trained as outlined in the Order/AP

Personnel Security

Submit Security Threat Assessments (STAs) for required direct employees and authorized representatives

Screening

Follow screening measures that meet TSA's standards

Chain of Custody



Tendering Screened Cargo

1. Cargo must be physically identified as screened before tender.



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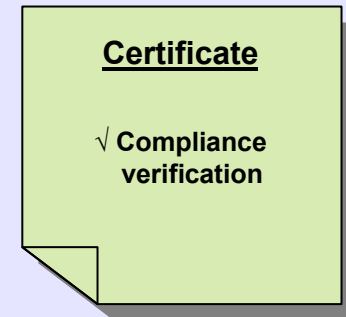
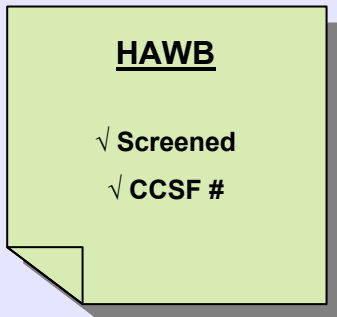
Once all cargo pieces have been screened, they can be shrink-wrapped, etc.

CCSF
Freight

Cargo must be visibly identified as screened.

Tamper evident methods must be applied at the piece level – method may vary for different package types (e.g. box v. crate).

2. CCSFs must tender a certification statement that the cargo has been screened and is from a TSA-approved CCSF.





Joining the Program



Why Join

- Decreased log jams (carrier delays) and expedited supply chain flow.
- Expedite supply chain flow.
- Ability to build and ship bulk configurations.
- Ability to ship certain cargo without potential invasive screening later on in the chain.
- Ability to maintain in-house packaging integrity.



CCSP Participation during Phase One

Steps to join the CCSP

1. Contact CCSP@dhs.gov for a CCSF application.
2. Submit application and all applicable Sensitive Security Information Handling Requirements.
3. Undergo CCSP assessment:
 - During Phase One, TSA performs assessments at no charge. After Phase One, TSA-Approved Validation Firms will perform this function.
4. TSA reviews facility assessment and makes final certification decision.
5. Shippers Sign Order and IACs comply with Alternate Procedure.
6. Receive Facility Certification from TSA HQ.



Looking Ahead



CCSP Policy Development Standards

- During Phase One:
 - Non-regulated entities will operate under a regulatory Order issued by TSA.
 - Freight forwarders and air carriers will operate under an Alternate Procedure (AP) to their standard security programs (SSPs).
- Upon publication of the Interim Final Rule (IFR), all IAC, Shipper, and Independent CCSFs will operate under the Certified Cargo Screening Standard Security Program (CCSSP).



In Summary

- TSA has received a significant amount of applications during Phase One Deployment and is currently assessing all applicants. TSA is considering an expansion to the program where airlines would be able to accept screened cargo from all domestic airports.
- TSA will begin to deploy TSA-Approved Validation Firms to perform assessments on CCSF-applicants. TSA Headquarters will continue to issue final certifications to qualified facilities.
- TSA will deploy an online management system for application and certification processes under CCSP.
- The Administration's freeze on all pending regulations will not likely impact the CCSP program or the IFR.
- CCSP is a voluntary program and may not be appropriate for some entities.
- Your participation will help ensure security in the air cargo supply chain.





Program Update

February 1st 50% Screening Milestone:

- Updates to Air Carrier programs have been released.
 - 100% Narrow Body Screening.
Released: August 1, 2008
Effective: October 1, 2008
 - 50% Screening requirement.
Released: December 23, 2008
Effective: February 1, 2009
 - CCSP acceptance procedures.
Released: December 22, 2008
Effective: February 1, 2009
- TSA has certified **170+** entities.
- 700+ applications received (IAC/ICSF/shipper), ~120 per month.

Certified Entities			
Airport Code	IAC	ICSF	Shipper
ATL	12	4	
BOS	3		
CLT	1		
DFW	10		
DTW	1		
EWR	5		
HNL	3		2
IAD	2		1
IAH	8	1	
JFK	16		1
LAX	26	2	1
MCO	3		
MIA	21	2	
ORD	13		
PHL	4		
SEA	3		
SFO	14	2	
SMF	1		



Program/Document Update

- **12/23/2008**
 - Released IACSSP/AOSSP/MSP final version (in effect February 1st, 2009).
- **12/23/2009**
 - Released IAC – 001, 002 Amendments (CCSP Program).
 - Released Airline Acceptance AP's.
 - Released Shipper Order.

(all references related to then-current SSP's)
- **1/22/2009**
 - Released updated IAC – 001, 002 Amendments.
 - References to IACSSP “Change 3” in effect 2/1/09.
 - Added “goods damaged by inspection” (in alignment with carrier programs for 2/1/09).
 - Released updated airline acceptance APs
 - Reference to AOSSP/MSP “changes” in effect 2/1/09.
- **Future Plans**
 - Consolidate all Screening, Chain of Custody requirements into single SSP.



Q & A

For more information write to CCSP@dhs.gov