

# *CNS/ATM Focused Team*

## Worldwide Airline Meeting

# Agenda

## 0830 Opening Remarks

- Airline Perspective

Robert Baker (AA)

## 0900 Purpose of Meeting

- Terms of Reference
- C/AFT Structure

Russ Chew (AA)

## 0930 Establish Problems

- ATA Statistics
- AA NAS Study Update

Margaret Kim (ATA)

Russ Chew (AA)

## 1000 BREAK

## 1015 Evaluate Solutions

- Mitre / CAASD
- Logistics Management Institute

Diane Boone

Gerald Shapiro

## 1200 LUNCH

# Agenda

## 1300 Develop Consensus

- Developing Consensus

Rudiger Schwenk (LH)

## 1330 Collaborative Work Plan

- ATM Performance Metrics
- GPS Augmentation

Russ Chew (AA)

TBD (UA)

## 1430 BREAK

## 1445 Collaborative Work Plan

- ATS Data Link
- ADS Broadcast

David Massy-Greene

TBD (UA)

## 1530 Administrative Items

- Communications
- Next Meeting

Russ Chew (AA)

## 1615 Breakout Session

## 1645 ADJOURN

# C/AFT's Purpose

*Facilitate CNS/ATM implementation progress by developing global airline economic consensus on problem issues.*

- Establish Problems -- Why do we need to change?
  - Airline operating problems must be framed with common airline economic metrics to quantify and baseline a problem.
- Evaluate Solutions -- What do we need to do, and when?
  - Use common airline economic metrics to establish consensus on business and capital decisions related to proposed solutions.
  - Provide airline global perspective on proposed solutions to regional problems.
- Develop Consensus -- How do we move the industry forward?
  - Provide airline consensus to facilitate decisions by government agencies and service providers.

# *Terms of Reference*

- **Establish Problems**
  - Frame the problem.
  - Collect, compare, and validate existing analyses and modeling efforts.
  - Establish common baseline metrics to quantify the problem.
- **Evaluate Solutions**
  - Collect existing proposed solutions.
  - Collect, compare, and validate existing analyses and modeling efforts.
  - Use common baseline metrics to evaluate proposed solutions.
  - Where deficiencies in proposed solutions are found, identify potential alternatives.
  - Develop recommendations to existing industry groups.
- **Develop Consensus**
  - Develop consensus on the validity and magnitude of problems.
  - Develop consensus on the validity and priorities of proposed solutions.
  - Provide economic guidance on implementation issues.

# *C/AFT Structure*

- **C/AFT Core Group**
  - Responsible for administrative requirements
    - Communicate and distribute of notices, minutes, studies, etc.
    - Coordinate working session requirements.
    - Perform secretariat function.
  - Constituency
    - Airlines (United, American, Qantas)
    - Airline Trade Associations (ATA, IATA)
    - Service Providers (FAA, Eurocontrol)
    - OEMs (Boeing, Airbus)
- **General Meetings - Restricted Participation**
  - All Airlines
  - Others only by invitation only

# *C/AFT Tools and Resources*

- **Economic Insight**
  - Constraints Analysis
    - Provides perspective on system performance independencies
    - Provides insight into technical performance requirements
  - Transition Analysis
    - Identifies tangible path of incremental progress
    - Provides insight into operating concept enablers
- **Economic Analysis**
  - Deterministic
    - Quantifies problems and proposed solutions
  - Probabilistic
    - Quantifies probability of financial success of proposed solutions
    - Identifies key economic drivers of risk and value

# *Establish Problems*

- **Why do we need to change?**
  - Airline operating problems must be framed with common airline economic metrics to quantify and baseline a problem.

- **Today's Agenda**

ATA Statistics

Margaret Kim (ATA)

AA NAS Study Update

Russ Chew (AA)

# *Evaluate Solutions*

- **What do we need to do, and when?**
  - Use common airline economic metrics to establish consensus on business and capital decisions related to proposed solutions.
  - Provide airline global perspective on proposed solutions to regional problems.

- **Today's Agenda**

MITRE/CAASD Studies

Diane Boone

Logistics Management Institute Studies

Gerald Shapiro

# *Develop Consensus*

- **How do we move the industry forward?**
  - Provide airline consensus to facilitate decisions by government agencies and service providers.

- **Today's Agenda**

Developing Consensus

Rudy Schwenk (LH)

# *Afternoon Working Agenda*

*The C/AFT work plan is focused on facilitating CNS/ATM implementation progress by developing global airline consensus on problem issues.*

- **Collaborative Work Plan**
  - Air Traffic Management Performance Metrics
  - GPS Augmentation
  - ATS Data Link
  - ADS-Broadcast
- **Administrative Items**
- **Breakout Session**
  - Establish Participation

# *Administrative Items*

- **Communications**
  - Web Site
- **Next Meetings**
  - Core/Working Meeting
    - Wed, January 14, 1998
    - Seattle, Washington (Boeing)
  - Full Meeting
    - Wed-Thur, April 22-23, 1998
    - Brussels or Frankfurt (IATA or Lufthansa)