

C/AFT OEIA Focus Group Meeting  
January 27-28, 2000  
Washington D.C.

Attendees

Dave Jones, UAL  
Jady Handel, FAA  
Joe Sinnott, MITRE  
Kjell Sandberg, SAS  
Steve Giles, FAA  
Mike Burski, FAA  
Steve Kuo, ITRI  
Henk Hof, Eurocontrol  
Norm Fujisaki, FAA  
Diana Liang, FAA  
Bill Sears, ATA  
Feisal Keblawi, FAA  
Steve Bradford, FAA  
Kathleen Pirotte, Boeing  
Jim Johnson, FAA

Agenda

- Welcome and Introductions, Dave Jones
- Discussion of goals and terms of reference, Dave
- Status -- what has been already done?
  - FAA, CATS-I, TBD
  - Eurocontrol, Henk Hof
  - MITRE, Joe Sinnott
  - Boeing Alternatives Analysis, Kathleen Pirotte
- OEIA FG Process Proposal
- Work Breakdown Proposal
- Agree on Scope, Schedule, Actions
- Next Steps

Dave discussed the fact that the C/AFT goals and terms of reference were originally very broad: establish problem, build consensus, propose global solutions. C/AFT up until now has looked at technology solutions and done in-depth cost benefits analyses. This was needed to establish C/AFT processes and models. Now that C/AFT has a voice in industry we need a process that recognizes that investment analysis must address multiple technologies (some competing and some complementary) and multiple integrated objectives. That's why we're here.

Dave further stated that the goal of the Operational Enhancement Integration Analysis Focus Group (OEIA FG) is to define and implement a process to develop an airline ROI-based evolution to the airspace system.

Jim Johnson -- FAA

Jim gave the group a demo of the FAA's Capability Architecture Tool (CATS-I). CATS-I is a web-based tool on the FAA intranet that allows visibility into the NAS architecture. The database can be used to take several views of the NAS: programmatic, organization, services, domain, phase of flight, support activity, system, location. They are shooting for April 30<sup>th</sup> to have an internet version that will include everything but the financial aspects of NAS programs. Contact Norm Fujisaki if you would like more information on CATS-I.

Henk Hof -- Eurocontrol

Henk showed the process that they are using at Eurocontrol which consists of starting with Performance Targets and then linking those with operational enhancements. Details are shown in Henk's presentation.

Mike Burski -- FAA

Mike recommended that we include the operational enhancements proposed by SC-189 SG 4 as part of our enhancement database.

Joe Sinnott -- MITRE

Joe outlined activities that MITRE is involved in, and proposed to act as the focal point between C/AFT OEIA and MITRE. See his presentation for details

Kathleen Pirotte -- Boeing

Kathleen gave an overview of the Boeing models that have been developed for use by C/AFT, and of the alternatives analysis process that was used by Boeing last year, and is being proposed to be used by the OEIA. See Kathleen's presentation for details.

Next Steps -- Dave Jones

Dave proposed that we look at two phases for now. Phase 1 will consist of:

- Set the base case assumptions - traffic growth, traffic mix (aircraft capability, RJ's), Hub v.s. point to point, baseline ATC environment, etc...
- Identify and prioritize the problems of the air space system from the airline perspective - what the heavy hitters that impact schedule integrity
- Develop a comprehensive list of enhancement alternatives (including augmenting current system with more resource, procedural changes, ground and air technology upgrades) and their attributes from FAA, Eurocontrol and others
- Prototype a Boeing developed process for mapping, valuing and prioritizing enhancements to air space system problems to validate its applicability for this task

In Phase 2 we will Utilize "the process" to develop enhancement evolution scenarios that contribute NPV to solve the problems defined in Phase 1.

There was general agreement that the work of the OEIA should be completed within 18 months, and that Phase 1 should be completed by October 2000.

We will have a telecon sometime in February to complete plans for Phase 1. We will have a meeting sometime in March to start identifying and prioritizing the problems.