

CAFT Advanced Navigation Focus Group (ANFG) Meeting  
Everett Mall, Tuesday June 23, 1998

Boeing: Kathleen Pirotte, Roger Nicholson, Bob Schwab  
Brian Harkness, Air Canada

General Discussion

We reviewed the C/AFT process and proposed transition logic diagrams. Reviewed work of datalink Focus Group, and discussed how ANFG group could work along the same lines.

Brian listed the following as prime navigation functions

1. FMS STAR
2. FMS SID
3. RNP
4. RNAV (FMS LNAV / VNAV)
5. LAAS
6. WAAS
7. CTAS (sequencing, with TNAV)

Roger presented his list of Navigation functions (see attachment). It was agreed that there is probably a more generic set of “services” that can be pulled out of all of this. Roger took the action to propose a list of services to Brian by Friday.

Brian agreed that TMA Capacity was an important driver, but is also very concerned about Efficiency (fuel savings) for TMA arrivals (CDA: continuous descent approach), and autonomy of aircraft from ATC.

Brian emphasized the concepts of shared responsibility / co-authority with sharing of consistent and common data. This is currently the case for voice communications (party line). For surveillance, pilots and controllers have different surveillance picture (controllers have radar, pilots have TCAS). Controllers have no feeling or indication of navigation picture that (FMS-equipped) pilots have.

Brian reviewed the list of ANFG members and suggested that ANFG could use more operationally-oriented members (pilots) especially from ATA FMS TF and ATA Capacity Enhancement Working Group, also lacking Airbus and European representation. Suggested names included: Frank Alexander (NWA), Tom Imrich (FAA Flight Standards), Tom Graf (UAL), Peter Potocki/Jean-Luc Bersat (Airbus), Howard Rose (BAB), Ben Berends (KLM). Boeing noted need to have financial people involved.

Schedule

6/26 Draft ANFG Navigation Services to Brian

7/2 Draft ANFG Services to ANFG members, and maybe some transition logic diagrams

7/9 or 7/10 ANFG telecon

7/30 Harkness CAFT presentation to ATA FMS Task Force Montreal