

June 13, 2002 Telecon Notes

This Teleconference reviewed the following documents relating to the Airborne Conflict Management (ACM) application:

- 1) Activity diagrams
- 2) Process diagrams (For printing these please make sure to select "Scale to fit page" in the print dialog.)
- 3) Safety Tables
- 4) Operational consequences (for reference)

The documents were prepared by Steban Parik, at Rockwell Collins as part of their ACM analysis.

Present for the telecon were:

Martin Eby
Andy Zeitlin
Steve Koczo
Joel Wichgers
Steban Parik
Jonathan Hammer
Lynn Martin
Dave Spencer
Ganghuai Wang
Ann Drumm

Steban reviewed the activity diagrams for unmanaged airspace, and managed with delegation. Autonomous airspace is the region where ACM is expected to provide the most benefit. Michael P. noted that the diagrams seemed to treat the application as something that has a specific start and stop, rather than as an application that would be used continuously in all phases of flight. The latter is what is anticipated by the application description.

There was discussion of whether figure is right for all phases; Jonathan thought figure was good. Note will be added to make it a little more general; yet it is a procedure for autonomous operation.

Steban agreed to add the long term alert to the diagrams.

There was some discussion about the prominence of the System Test and similar functions in the diagrams. When you have a continuity failure during critical part of the procedure; otherwise state assumption that system flags any detected failures and the procedure is aborted.