

Modeling Working Group Presentation

Commercial Overflights, General Aviation, Military

Presented to: Second Meeting of the Grand Canyon Working Group
Of the National Parks Overflights Advisory Group

By: FAA/NPS Technical Working Group

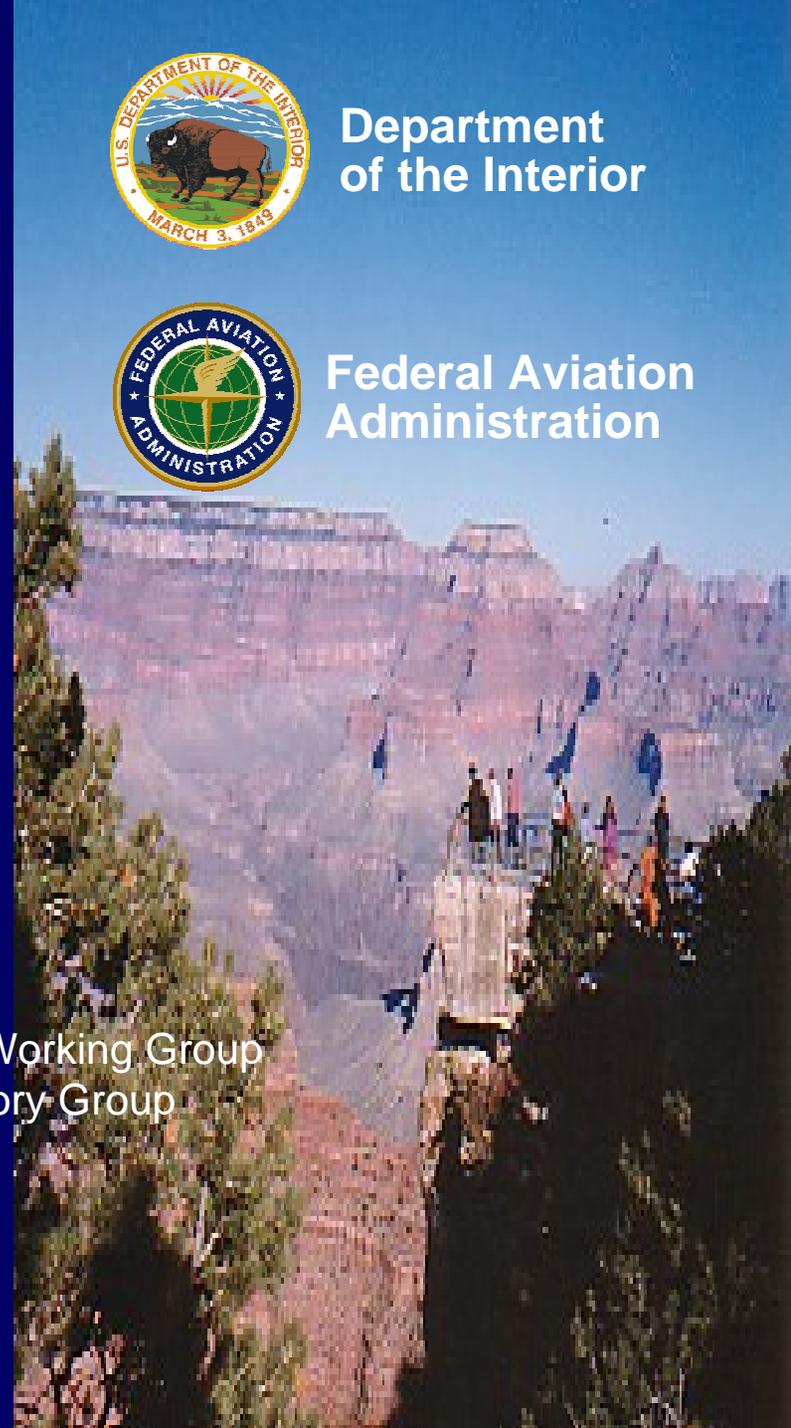
Date: October 27, 2005



Department
of the Interior

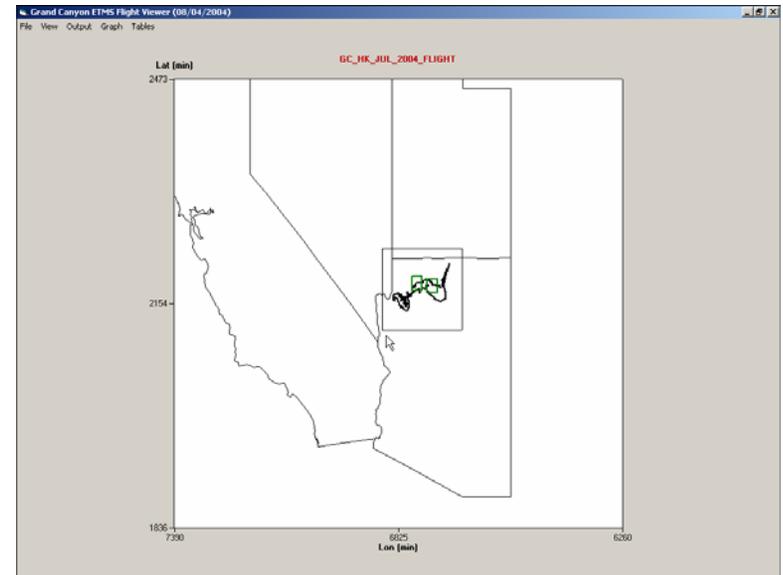


Federal Aviation
Administration

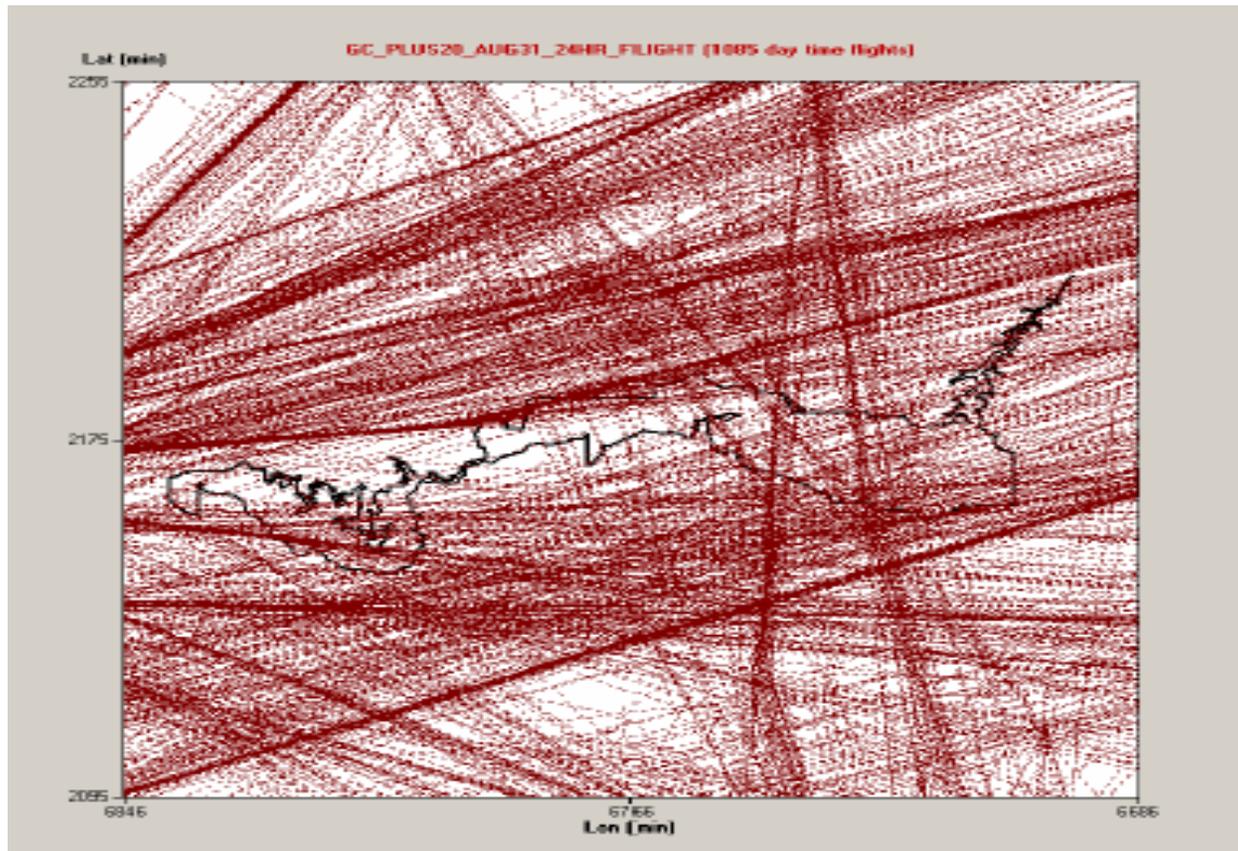


ETMS Processing

- Read raw ETMS tape archives
- Clean raw ETMS data
- Convert to SQL database
- Query analysis days/parameters
- Translate to INM input files
 - Build tracks and profiles
 - Map to INM aircraft
- Conduct analysis

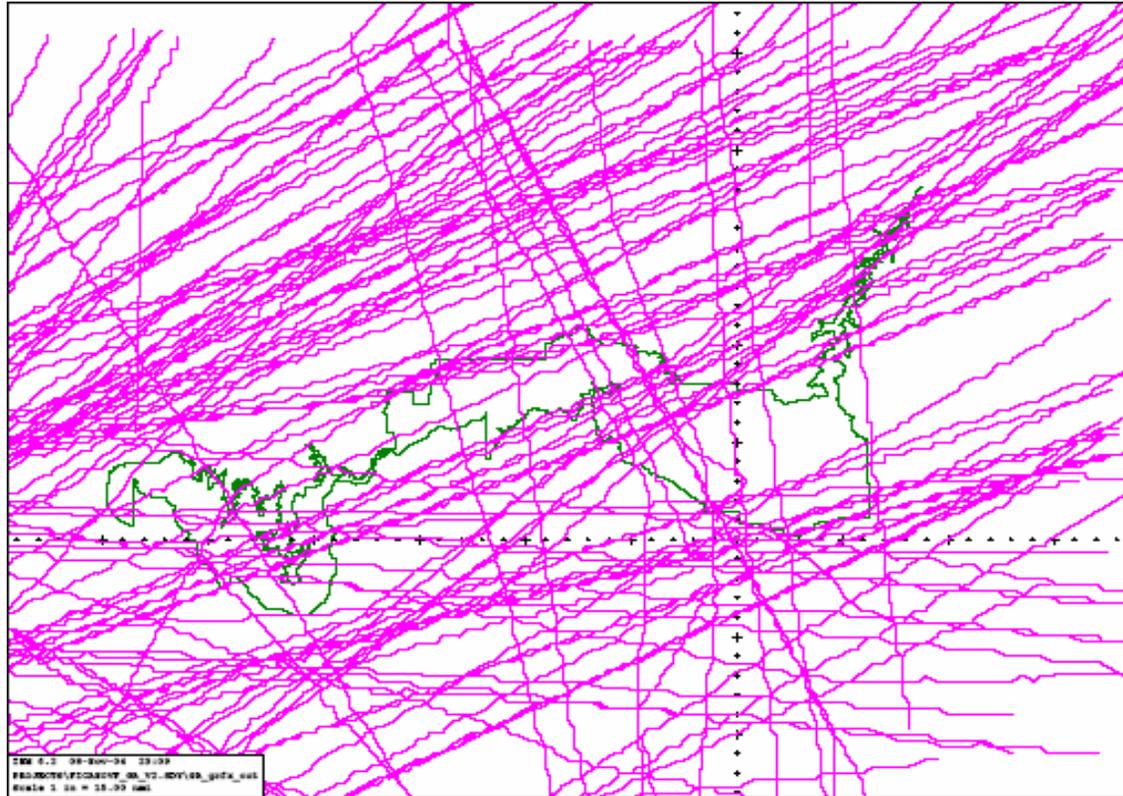


Commercial High Altitude Overflights



[Source: FAA's Enhanced Traffic Management System (ETMS)]

General Aviation and Military



[Source: FAA's Enhanced Traffic Management System (ETMS)]

Summary

- Process developed via FICAN assessment
- Resource intensive
- Well established

