

Selecting Capacity using a Fleet Assignment Model (FAM)

Objective

- Use FAM in “Reduction Mode” to select most profitable schedule
- In “Reduction mode” FAM can swap aircraft types or cancel flights based on achieving an optimal system profit
- Model must meet user inputs
 - Such as fleet and gate counts, Frequency Protections level

Steps

- Select a schedule
 - This can be a flown or a future planned schedule
 - This “Base” schedule should be in aircraft count, balanced and meets all operational requirement
- Add new opportunities to the Base schedule:
 - Additional frequencies, new markets
- New opportunities can be based on:
 - Current markets with high passenger demand
 - Competitive respond

Steps

- Use this new overbuilt schedule to run FAM to the aircraft count in your inputs
- Aircraft count can be your Base schedule count or any count required
- Review FAM output, adjust as needed
 - Protect by market, frequency, flight
- Continue running until objectives met