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Three Short Talks

Mark Hansen Wye River 6/7/07





Agenda

Schedule Padding Trends (for BR)

- LGA Gauge Analysis
- Analysis of Changes at LGA after "Temporary Order"



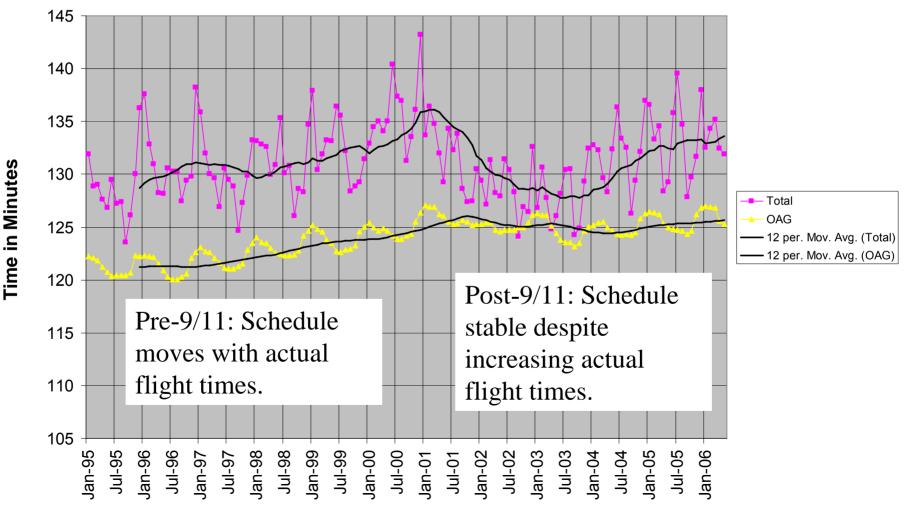


Flight Time Indices

CPI for Flight Times "Market Basket" of City-Pairs with Constant Weights Flight Time from Scheduled **Departure to Actual Arrival OAG** Time



OAG and Flight Time Trend 1995-2006







LGA Average Gauge Analysis

- Compare Seats/Flight ("Size") and Pax/Flight ("Load") on LGA Flight Segments with "Comparable" non-LGA Segments
- Criteria for Comparability
 - ≻Length
 - ➤Traffic
 - Concentration





Data

T100 February 2007 Airports with over 500K outbound pax

- Segments with over 1k pax and Distance>0
- **2440** Observations





Models and Hypotheses

- □ Size=f(pax,miles,HHI,LGA)
- Load=g(pax,miles,HHI,LGA)

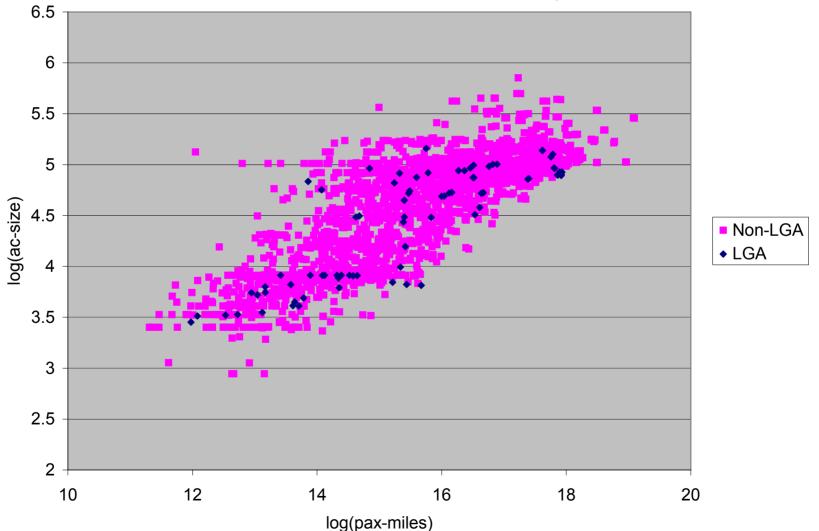
Hypotheses

- ↑miles↑Size (scale economies greater for longer distances)
- ≻↑HHI↑Size (fragmentation)
- ≻↑LGA↓Size (babysitting+Air21)
- Same for Load



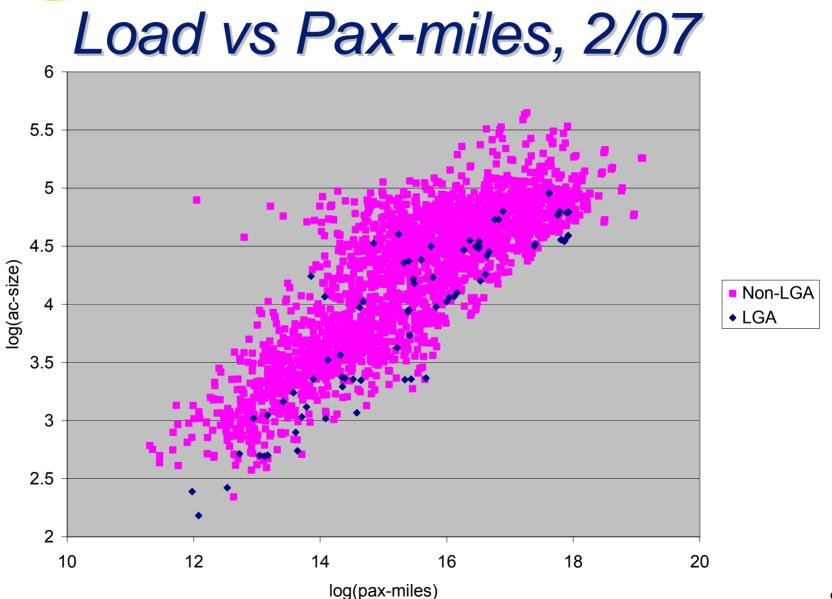
















Estimation Results

□ A 1% increase in:

- Pax increases size 0.3% and load 0.3%
- Distance increases size 0.4% and load 0.5%
- HHI increases size 0.2% and load 0.3%
- An LGA segment vs a non-LGA segment that is otherwise identical
 - Has 7% smaller aircraft
 - ➤ Has 21% lower pax load
- Caveat: based on just one month!!





Changes Since 1/1/07

- Distinctions between slots and exemptions eliminated
- Operating authorizations unrestricted with respect to:
 - Community served
 - Aircraft size flown
- Use-or-lose remains (80%)





Methodology

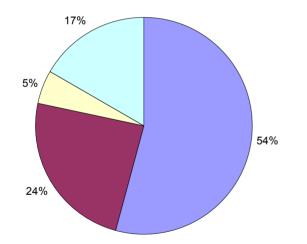
Compared May 2007 and May 2006 weekday flights Only ASPM Individual Flight Data Available (completed flights and data and

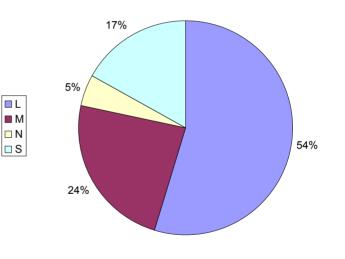
flights only)





Flights by Hub Category







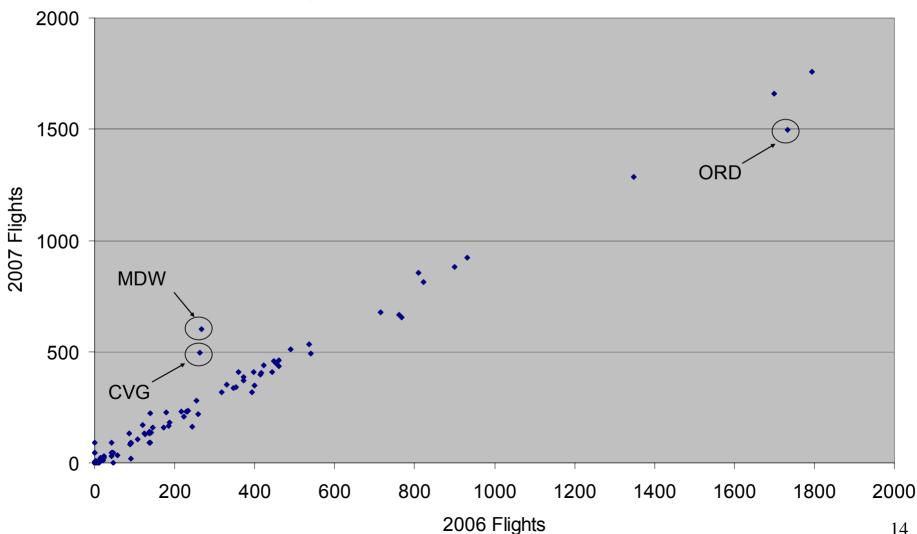
May 2006

May 2007



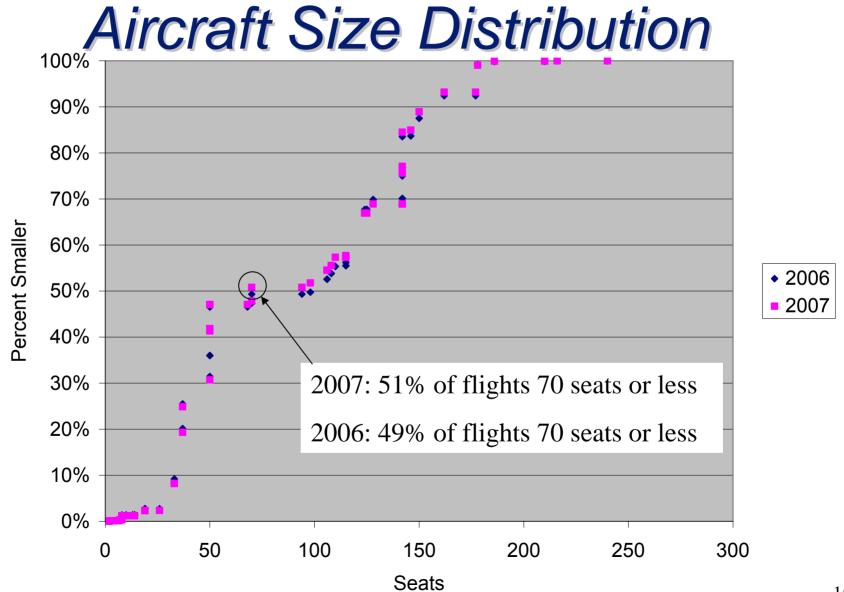


Flights by Airport



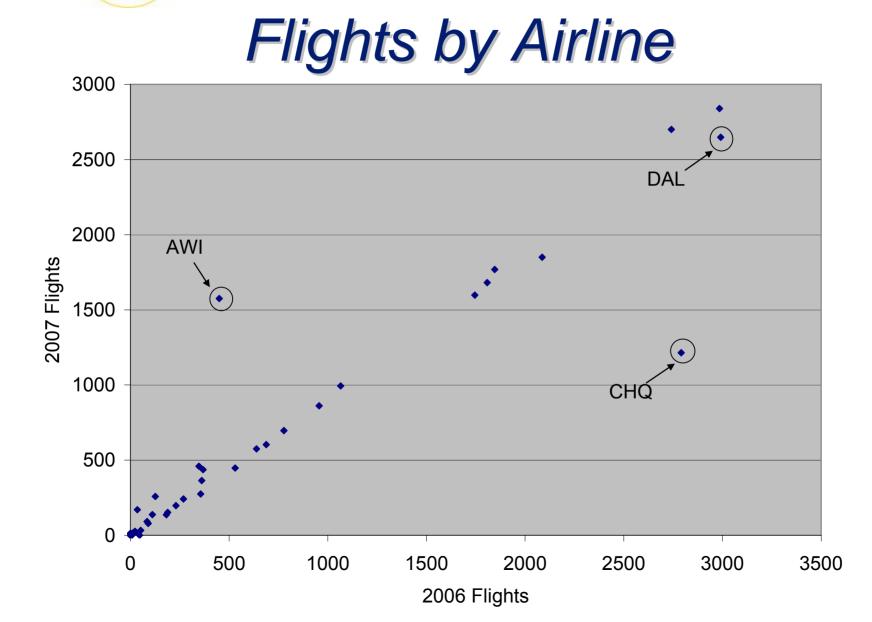
















Conclusions

Scheduled block times increased before 9/11 but not much since

□ Aircraft size and loads are lower at LGA (as of 2/07)

Little impact from temporary order