

CS M151B / EE M116C

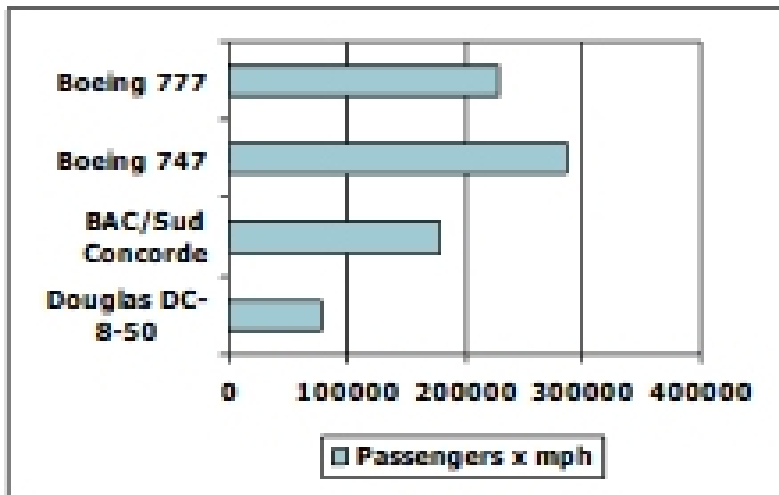
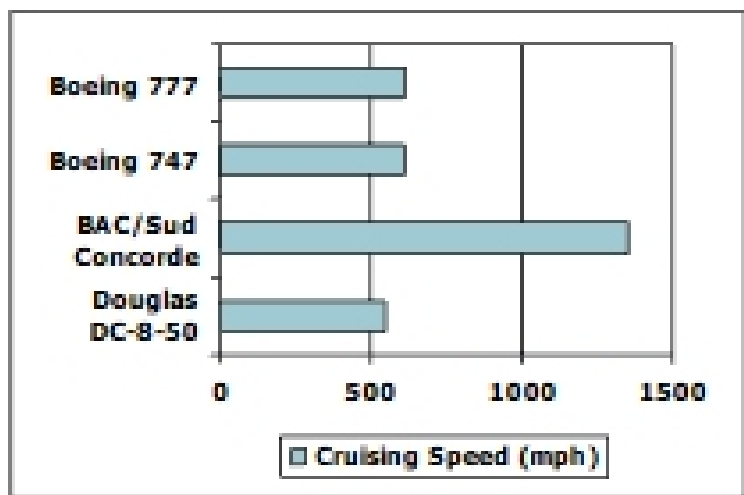
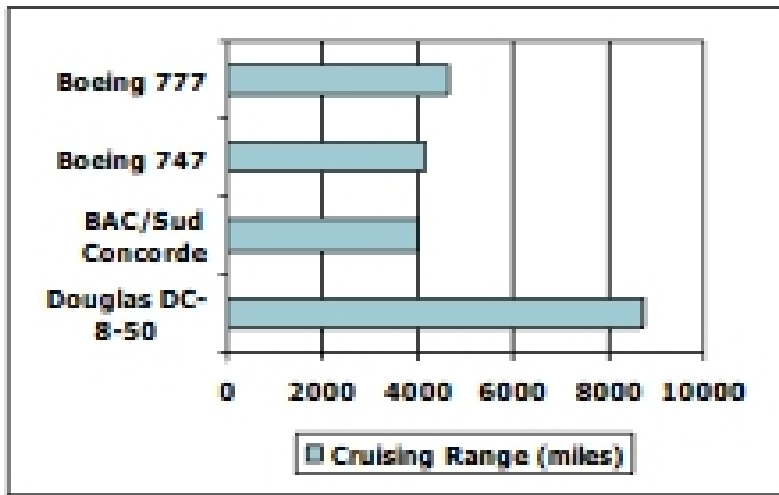
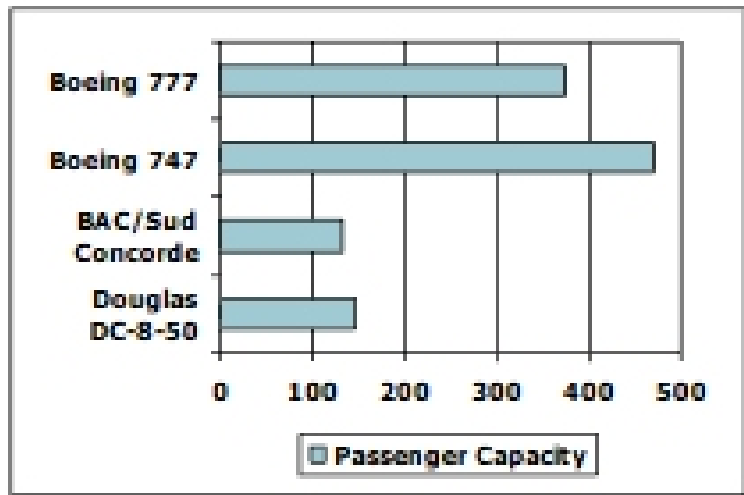
Computer Systems Architecture

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Defining Performance

- Which airplane has the best performance?



Response Time and Throughput

- Response time
 - How long it takes to do a task
- Throughput
 - Total work done per unit time
 - e.g., tasks/transactions/... per hour
- How are response time and throughput affected by
 - Replacing the processor with a faster version?
 - Adding more processors?
- We'll focus on response time for now...

