

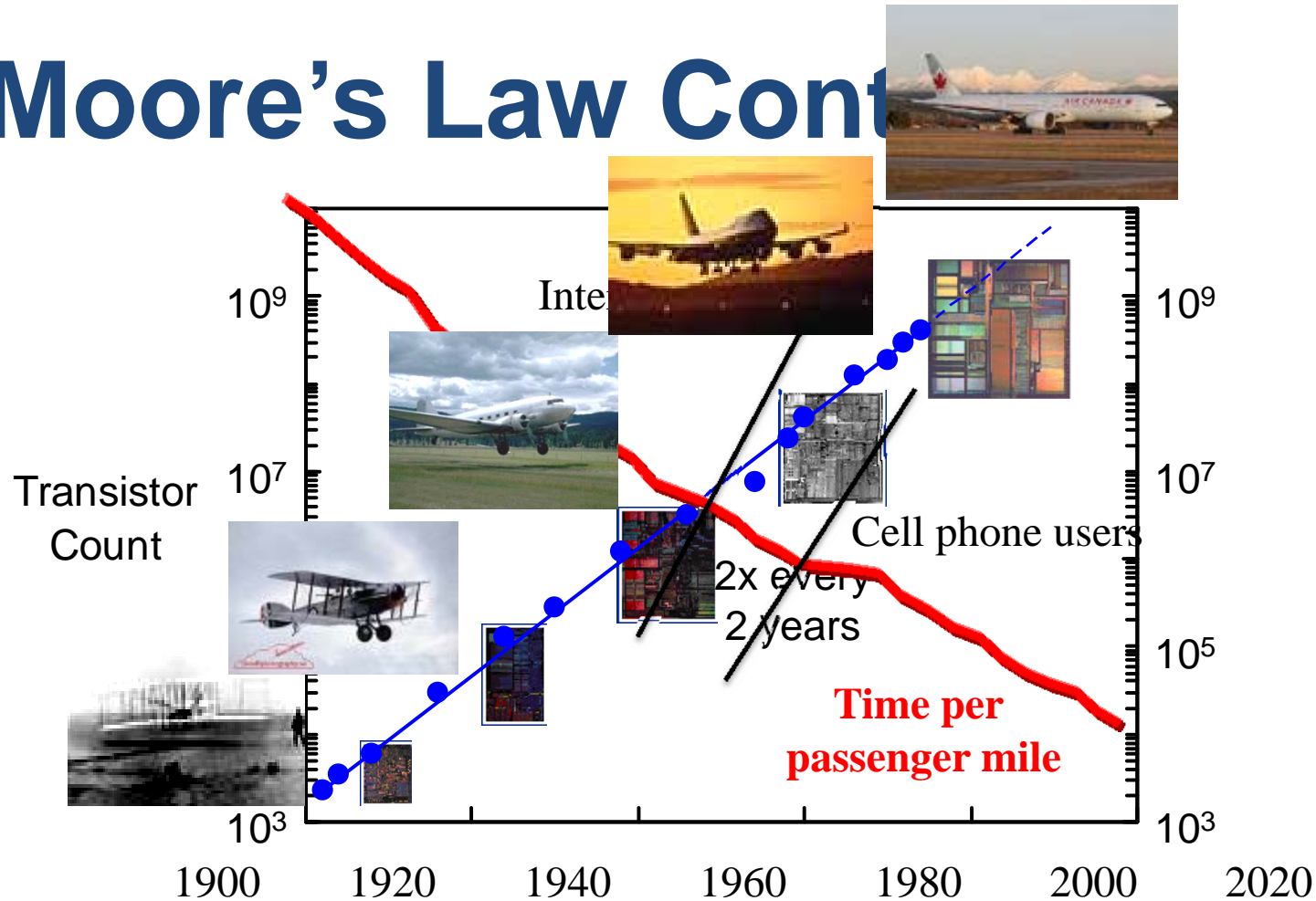


Moore's Law
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Moore's Law

- **“Moore's Law” is not a law but a self fulfilling prophecy, originally applied to transistor count per chip but generally applicable to many branches of emerging technology**
- **Competition to satisfy Moore's Law is a main driver of economic opportunity**

Moore's Law Cont



Aircraft performance doubles every 10 years with aerodynamic and engine performance innovations

Moore's Law is a Fractal

- Moore's Law is only a straight line when viewed from a distance
- The jigs and jags illustrate a competition between different forces; each dominates at some critical period
 - Processing capability
 - Material capability
 - Design tools
 - Manufacturing capacity
 - Physical limits

