Technologies for “Pushing the Envelope”

(This was produced by a sub-group, not yet reviewed by the entire group)

1. Low cycle time, customized aircraft design, mfg, certification, and operations, using international factories and design centers.
   - Responsive to changeable, highly competitive market

2. Accident resistant, and survivable aircraft
   - to weather, human error, human anger

3. Integrated Aviation Information System
   - passenger interface
   - diagnostics, maintenance tracking
   - security, safety
   - operations

4. Very flexible and cost-effective short haul aircraft
   - perhaps VTOL

5. Fast, efficient, large, long haul aircraft
   - supersonic long haul
   - perhaps higher speed intra-continental aircraft

6. Global affordable ATM system for high volume traffic
   - minimum ground systems

7. Robotic aircraft for civil and military applications
   - Cargo carriers
   - US averse to human loss in foreign regional conflict

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