Transonic Transports

I Future uses and advantages over supersonic transport

A. Intermediate continental ranges
   1. Time needed to climb and accelerate limits flight to subsonic speeds
   2. Any speed gain for supersonic small advantage

B. Take off, landing, approaches better than for supersonic
   1. Shorter fields
   2. More raped climbs

C. No supersonic boom

II Improvements on Performance

A. Additions on wing
   1. Photo of Convair 600
   2. Reduces drag rise
   3. Added speed with same power

B. New configuration
   1. Model showing additions on wing, including nacelles, addition on fuselage, and wing camber
   2. Speed 100 mph faster than current airplane, cruising near speed of sound
   3. Pitching moment and landing characteristics similar to those for current airplanes.