This realistic yet fantastical image of the new Boeing 767 jet airliner was produced by Digital Effects, Inc., as part of a computer graphics animated television commercial for All Nippon Airways in Japan. Animator Alan Green obtained the CAD/CAM database for the 767, which, incidentally, is the first commercial airliner designed entirely on a computer, and entered the database into Digital's IBM 4341. A DEC PDP-11/34 was also used for image processing, and the final result was transferred to film using a Dicomed D48C film recorder.

From Sogitec, headquartered in Boulogne, France, comes this computer-generated graphic composition that combines three images projected on volumes in space. The positions of the aircraft simulate the kinematics of the image trajectory. Originally generated by Sogitec's GI 1000 imaging system, the final image shown here underwent some additional color processing. The GI 1000 consists of two computers: a Perkin-Elmer 32-20 and a proprietary high-speed machine that is used to animate the database. This latter computer is capable of operating at 500 MIPS and has a field rate of 25-30 images per second. The GI 1000 is currently being used with a flight simulator to train pilots for air-to-ground missions. With the simulator, it operates in real-time mode and produces daylight-type images containing up to 1000 displayed surfaces in each image. The company is now developing its GI 10000 system for the French Army; this system will display up to 10,000 surfaces in an image.