

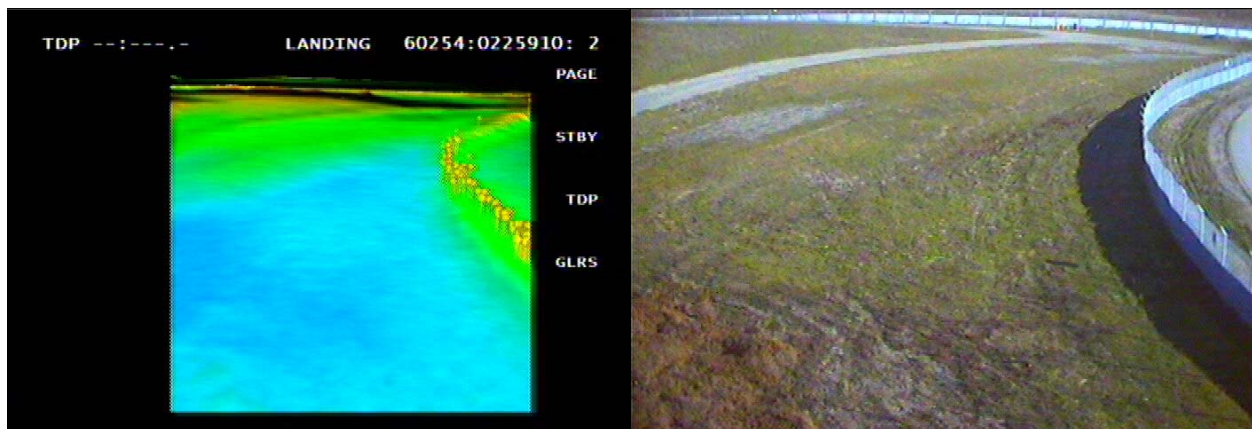
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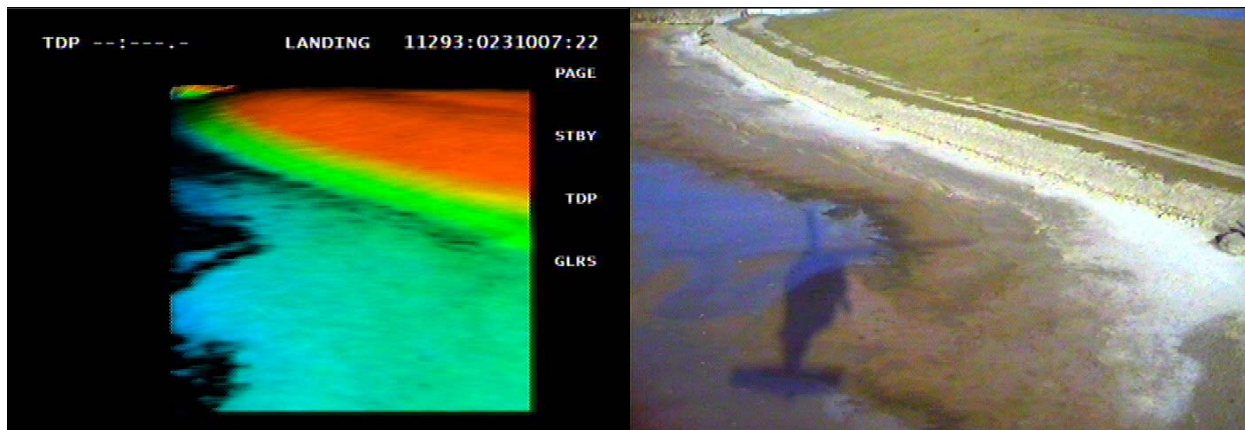
SNC Demonstrates 3D 94 GHz Imaging Radar for Helicopter Operations in Brownout during Sandblaster Flight Test

Sparks, Nevada – April X 2009 – Sierra Nevada Corporation (SNC) announced today that it successfully achieved another milestone with its three-dimensional 94 GHz imaging radar for helicopter operations in Degraded Visual Environments (DVE). SNC developed its next generation radar system as part of the Sandblaster program led by Sikorsky Aircraft Corporation. The radar system went from concept to flight test in fifteen months. The Technology Demonstration system operated flawlessly during the four month flight test period. The system provided continuous three-dimensional (3D) real-time radar data of the landing zone throughout the approach and hover during the Flight Test conducted at the U.S. Army Aeroflight Dynamics Directorate (AFDD) at Ames Research Center, Moffett Field, California.

The radar system was installed on the AFDD RASCAL JUH-60 BLACK HAWK helicopter. Approaches were flown to different terrain types, slopes and obstacles, including moving vehicles. A simulated Forward Arming and Refueling Point (FARP) with small obstacles was created to evaluate the performance of the system. SNC's antenna technology and imaging software demonstrated as part of this program provides a technological path forward to a smaller, lighter weight antenna capable of performing takeoff, enroute, approach, landing and cable/wire/obstacle detection.

The 3D radar imagery was easily correlated to the outside world as shown in the images below:





About Sierra Nevada Corporation

Sierra Nevada Corporation (SNC) is known for its rapid, innovative, and agile technology solutions in electronics, aerospace, avionics, space, propulsion, micro-satellite, aircraft and communications systems for both the private and public sectors. Founded in 1963, SNC's seven unique business areas employ more than 1600 people in 31 different locations in 20 states – all of whom are dedicated to providing leading-edge solutions to SNC's dynamic customer base.

Over its 45 year history, SNC has remained focused on providing its customers the very best in diversified technologies to meet their needs and has a strong and proven track record of success. SNC has grown into one of the Top Woman-Owned Federal Contractors in the United States while maintaining its reputation for innovation and agility. The company continues to focus its growth on the commercial sector through internal advancements and outside acquisitions, including the emerging markets of telemedicine, nanotechnology, energy and net-centric operations. For more information on SNC visit www.sncorp.com

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