LandForm Situation Awaren

See what the press and the industry are saying about LandForm 3D Real-Time Terrain M Products.

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Joint FAA/NASA/RIS Flight Test Utilizes SmartCam3D/SmartTo technology
March 2nd, 2006 - Ellington Field Houston, TX

The FAA, NASA, and RIS conducted a flight test of a 3 panel version of SmartCam3D a aircraft today. The test will study ways in which aviation data types can be used to su pilot displays, including as part of a UAV Glass Cockpit using SmartCam3D. The Smar technology is being studied for its utility in runway approach inspection. You can dow the flight from this location as a QuickTime movie.

http://landform.com/NASA.FAA.RIS_V3.mov

Here is a link to the QuickTime player in case you don't already have it on your machine, you can http://www.apple.com/quicktime/download/win.html

NASA Tele-Operates SCOUT Rover using SmartCam3D
September 15th, 2005 - Meteor Crater, AZ

NASA remotely operated the SCOUT rover using SmartCam3D in a 5 panel configuratic
Crater this week. The ACES advanced cockpit evaluation system was used for test and
beautifully operating the vehicle over the course of several miles. The ACES uses Sma
panoramic display mode which provides the operator with a 180 degree field of view.

USAF UAV BattleLab and AFRL Evaluate SmartCam3D on Predat
September 1st, 2005 - Indian Springs AFAF, AZ

The USAF UAV BattleLab and AFRL are conducting a study of the human effectiveness
SmartCam3D for USAF Predator aircrews, in support of USAF Air Combat Command. T
involve installing SmartCam3D in Predator Ground Control Segments and flying numer
using the technology.

NDIA Awards SmartCam3D Top5 Software of the Year
April 19th, 2005 - Salt Lake City, UT

The National Defense Industries Association identifies SmartCam3D as one of the TOP5
programs of the year. Mike Abernathy from RIS and Francisco Delgado from NASA acce
awards for this program.

SmartCam3D is Awarded NASA JSC Exceptional Software of the
June 2004 - Houston, TX

Dr. Janis White and Rapid Imaging Software, Inc. received the NASA Johnson Space Cen
Exceptional Software of the Year award for the SmartCam3D situation awareness softwa
The award was presented by General Howell in a ceremony Houston, Texas. The Smart
software was also first runner up for NASA agency-wide software of the year. Well done
team!

LandForm® Guides X-38 Pilot in Successful Flight!
December 13th, 2001 - Edwards Air Force Base, CA

On December 13th, 2001, Astronaut Ken Ham successfully flew the X-38 from a remote
LandForm VisualFlight as his primary situation awareness display in a flight test at Edwa
Base, California. This simulates conditions of a real flight for the windowless spacecraft,
eventually become NASA's Crew Return Vehicle for the ISS. We believe that this is the fi
hybrid synthetic vision system which combines nose camera video with a LandForm synt
display. Described by astronauts as "the best seat in the house", the system will ultimat
space travel safer by providing situation awareness during the landing phase of flight.

Read more about LandForm in this AviationWeek article

LandForm® Develops New Map Projection for Planetary Explora
September 29th, 2000 - Albuquerque, NM

Rapid Imaging Software announced the development of a new map projection which will
astronauts in navigating earth, as well as other moons and planets. The new method to
is very beneficial to astronauts and planetary explorers because it displays the surface o
with minimum distortion nearest the spacecraft path, making landing site selection mucl
intuitive.

Since planets tend to be spherical in shape, any mapping algorithm must distort the cur
order to display it on a flat map. Traditional Plate Caree' (or Plane Charts) distort least n
equator which is the central axis of the map. The new projection called LandForm Orbita
uses the line of the satellite orbit, instead of the equator, as the maps central axis with t

the satelite appears to move in a more or less straight down the center of the chart. Thi:
viewer with a much more natural understanding of the terrain near the path of the satel

LandForm C3 Demonstrates Real-time Networked Flight Visuali:
July 9th, 1999 - NASA Johnson Space Center, Houston, TX.

NASA engineers in Houston watched the X-38 flight test live as it occurred at Edwards, /
LandForm C3 software. LandForm displayed the flight of the vehicle above terrain in rea
network link.

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