SPACEPORT AMERICA

NEW MEXICO





PROJECT SPECS

Owner/Agency: New Mexico Spaceport Authority (NMSA)

Type of Construction: Airport Paving

Products Used: Class F Fly Ash

Contractor: David Montoya Construction Co. (DMC)

Dates Supplied: January 2010 - September 2010

Tons: 13,675

PROJECT DESCRIPTION

New Mexico Spaceport Authority (NMSA) worked with Virgin Galactic, UP Aerospace and several other aerospace companies to build the worlds first commercial spaceport.

In the vicinity of White Sands Missile Range, Spaceport America sits on 27 square miles of state owned land located in Sierra County, 30 miles east of Truth or Consequences, NM. The spaceport was designed with sustainability in mind and met the requirements of LEED Gold Certification. In a weak economy the spaceport project created approximately 500 jobs.

The concrete paving was awarded to David Montoya Construction Co. (DMC), an Albuquerque based company. The

paving schedule consisted of the 10,000 ft. runway, taxiways and aprons which began in January 2010. The 200 ft. wide runway was divided into six 33.33 ft. paving lanes. Each paving lane took 6 days to complete. In order to meet the rigorous job specifications, DMC relied on Guntert & Zimmerman for their concrete slip form paver and batch plant to insure uniformity and reliability.

Given the location of the spaceport, materials had to be shipped in from hundreds of miles away. Cement was transported from Albuquerque, NM. Fly Ash was hauled in from Salt River Materials Group's Escalante Fly Ash Facility near Prewitt, NM. Local aggregates were utilized in the concrete mix design.





