

**Project Summary:**

Cesare, Inc. (Cesare) provided a wide range of Quality Control services for the reconstruction of the Telluride Regional Airport's runway and safety areas. Project goals were to change the final grade of the runway to eliminate a large dip towards its middle and extend the runway safety areas in order to meet FAA standards and specifications. To eliminate the dip, over 1,000,000 cubic yards of on-site rock was blasted and excavated from the west side of the project and placed toward the middle of the runway. An additional 280,000 cubic yards of rock was used to finish the north buttress. An on-site crusher produced 170,000 tons of select fill and runway base from onsite materials. A large multi-plate culvert extending over 350 feet long and 25 feet high was installed across the middle of the runway to provide easy access across the runway. Over 200,000 cubic yards of shale was excavated from the east side of the project and placed as embankment fill for a large apron on the south side of the runway. The old runway was removed and recycled back as P-207 base course for the runway shoulders. The new runway was paved using an on-site asphalt hot plant with one 4 inch lift. Telluride Airport was open for business six months after construction.

**Client Contact:**

**Mr. Richard Monks  
RE Monks  
Construction  
Fountain Hills, Arizona  
and  
Mr. Randy Jenkins  
Kimberly-Horn &  
Associates, Inc.**

**Services Provided:**

- **Quality Control Services**
- **Testing and Observation of**
  - **Rock-fill**
  - **Embankment Fills**
  - **Blasting Operations**
  - **Storm Water Infrastructure**
  - **Runway Subgrade**
  - **Crusher Control**
  - **Multi-Plate Backfill**
  - **Overexcavation**
  - **Concrete Structures**
  - **Flow-fill**
  - **Runway Asphalt and Aggregates**
  - **Grading**
  - **Topsoil Removal**
  - **Electrical Installation**

