

Coffman Associates \\teluride\VD dwn 12 28 2010\Coa\Coa\Teluride\2011\01 tel ALP 02 21 2012.dwg Printed Date: 8-13-13 10:25:20 AM Margaret Beaver

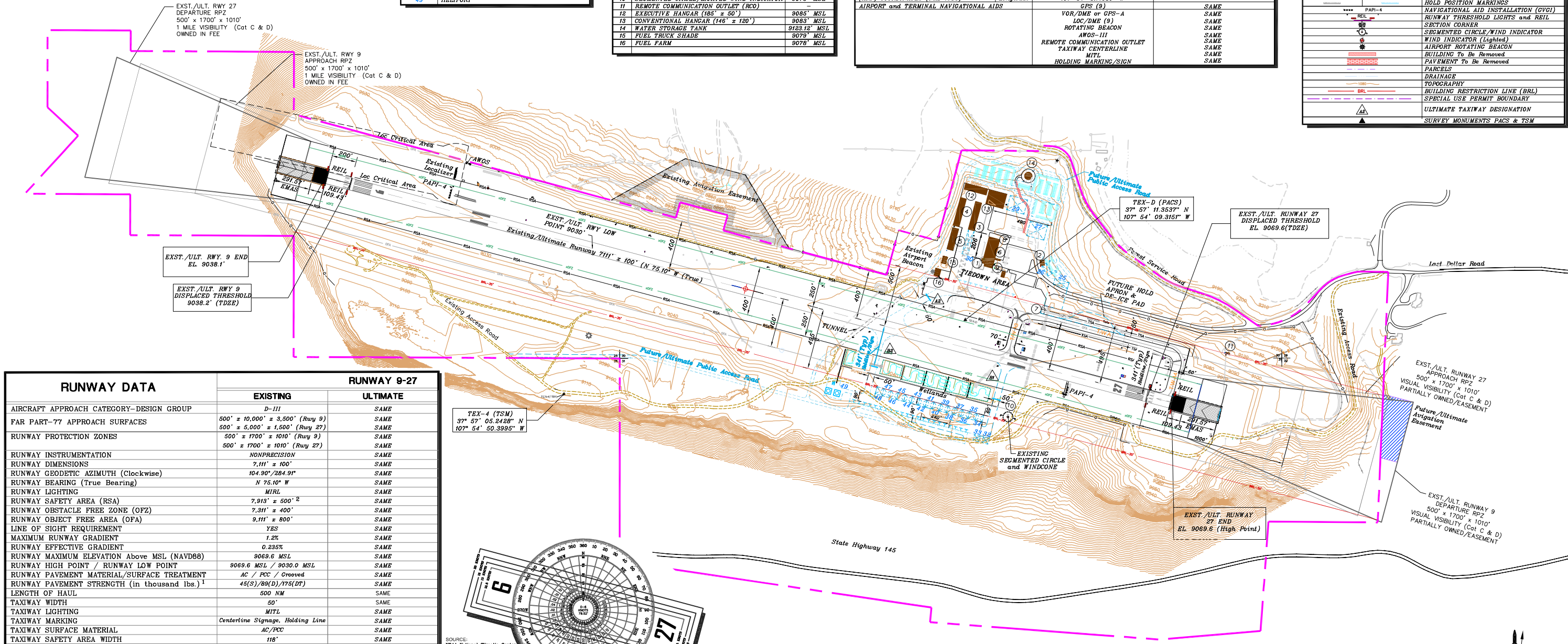
| RUNWAY END COORDINATES (NAD 1983)            |                                                              |          |  |
|----------------------------------------------|--------------------------------------------------------------|----------|--|
| RUNWAY                                       | EXISTING                                                     | ULTIMATE |  |
| Ext./Ult. Runway 9 End-EL. 9038.1'           | Latitude 37° 57' 22.7612" N<br>Longitude 107° 55' 14.3472" W | SAME     |  |
| Ext./Ult. R w 9 Disp. Threshold-EL. 9036.7'  | Latitude 37° 57' 22.2532" N<br>Longitude 107° 55' 11.9363" W | SAME     |  |
| Ext./Ult. Runway 27 End-EL. 9069.6'          | Latitude 37° 57' 04.688" N<br>Longitude 107° 53' 48.592" W   | SAME     |  |
| Ext./Ult. R w 27 Disp. Threshold-EL. 9068.7' | Latitude 37° 57' 05.197" N<br>Longitude 107° 53' 51.005" W   | SAME     |  |

| ULTIMATE BUILDINGS/FACILITIES |                                         |
|-------------------------------|-----------------------------------------|
| ULTIMATE                      | DESCRIPTION                             |
| 26                            | AIRPORT MAINTENANCE/ARFF                |
| 26                            | AIRPORT ADMINISTRATION/CA TERMINAL      |
| 27                            | AIRLINE TERMINAL BUILDING (146' ± 120') |
| 28                            | RENTAL CAR RETURN                       |
| 29                            | CONVENTIONAL HANGAR (146x120)           |
| 30                            | AIRCRAFT STORAGE                        |
| 31                            | SEGMENTED CIRCLE/LIGHTED WIND CONE      |
| 32                            | WASH RACK                               |
| 33                            | SELF-SERVICE FUEL ISLAND                |
| 34-48                         | CONVENTIONAL HANGAR (60' ± 60')         |
| 49                            | HELIPORT                                |

| EXISTING BUILDINGS/FACILITIES |                                                                                 |              |
|-------------------------------|---------------------------------------------------------------------------------|--------------|
| NO.                           | DESCRIPTION                                                                     | ELEVATION    |
| 1                             | AIRLINE TERMINAL BUILDING/CA TERMINAL/ AIRPORT ADMINISTRATION (To Be Relocated) | 9092.5' MSL  |
| 2                             | FUEL STORAGE (To Be Removed)                                                    | 9079.5' MSL  |
| 3                             | EXECUTIVE HANGAR                                                                | 9083' ± MSL  |
| 4                             | EXECUTIVE HANGAR                                                                | 9083' ± MSL  |
| 5                             | HANGAR (S1-S3) 180' ± 60'                                                       | 9080' MSL    |
| 6                             | CONVENTIONAL HANGAR                                                             | 9092.5' MSL  |
| 7                             | DE-ICE PAD                                                                      | N/A          |
| 8                             | AIRPORT MAINTENANCE (To Be Relocated)                                           | 9092.5' MSL  |
| 9                             | ARFF (To Be Relocated)                                                          | 9067' ± MSL  |
| 10                            | SEGMENTED CIRCLE/LIGHTED WIND INDICATOR                                         | 9075' MSL    |
| 11                            | REMOTE COMMUNICATION OUTLET (RCO)                                               | 9085' MSL    |
| 12                            | EXECUTIVE HANGAR (185' ± 50')                                                   | 9085' MSL    |
| 13                            | CONVENTIONAL HANGAR (146' ± 120')                                               | 9083' MSL    |
| 14                            | WATER STORAGE TANK                                                              | 9123.12' MSL |
| 15                            | FUEL TRUCK SHADE                                                                | 9079' MSL    |
| 16                            | FUEL FARM                                                                       | 9078' MSL    |

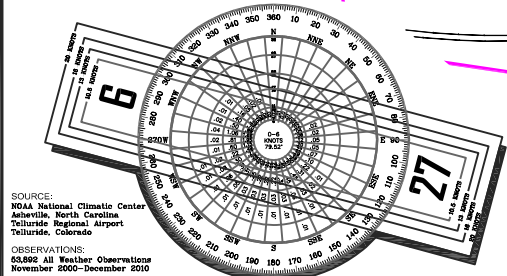
| AIRPORT DATA                                                                                                                       |                                                                                                                                                                |                                                              |
|------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|
| CITY: Telluride, Colorado   COUNTY: San Miguel   RANGE: R 9 West, R 10 West TOWNSHIP: T 43 North NPIAS: Primary Commercial Service |                                                                                                                                                                |                                                              |
| TELLURIDE REGIONAL AIRPORT (TEX)                                                                                                   |                                                                                                                                                                |                                                              |
| AIRPORT SERVICE LEVEL                                                                                                              | Commercial Service                                                                                                                                             | SAME                                                         |
| AIRPORT REFERENCE CODE                                                                                                             | D-III                                                                                                                                                          | SAME                                                         |
| AIRPORT ELEVATION (NAVD 88)                                                                                                        | 9069.6 MSL                                                                                                                                                     | SAME                                                         |
| CRITICAL AIRCRAFT (Wingspan/Speed/Weight)                                                                                          | Culstream V                                                                                                                                                    | SAME                                                         |
| MEAN MAXIMUM TEMPERATURE OF HOTTEST MONTH                                                                                          | 73° F (July)                                                                                                                                                   | SAME                                                         |
| MEAN MAXIMUM WINTER TEMPERATURE                                                                                                    | 44° F (March)                                                                                                                                                  | SAME                                                         |
| TAXIWAY MARKING                                                                                                                    | Centerline, Signage, Holding Line                                                                                                                              | SAME                                                         |
| TAXIWAY LIGHTING                                                                                                                   | MITL                                                                                                                                                           | SAME                                                         |
| AIRPORT REFERENCE POINT (ARP) COORDINATES (NAD 1983)                                                                               | Latitude 37° 57' 13.722" N<br>Longitude 107° 54' 31.4680" W                                                                                                    | SAME                                                         |
| AIRPORT and TERMINAL NAVIGATIONAL AIDS                                                                                             | GPS (9)<br>VOR/DME or GPS-A<br>LOC/DME (9)<br>ROTATING BEACON<br>ANOS-III<br>REMOTE COMMUNICATION OUTLET<br>TAXIWAY CENTERLINE<br>MITL<br>HOLDING MARKING/SIGN | SAME<br>SAME<br>SAME<br>SAME<br>SAME<br>SAME<br>SAME<br>SAME |

| LEGEND       |              |                                      |
|--------------|--------------|--------------------------------------|
| Existing (u) | Ultimate (u) | Description                          |
| +            | SAME         | AIRPORT REFERENCE POINT (ARP)        |
| +            | SAME         | EMAS                                 |
| +            | SAME         | RUNWAY SAFETY AREA                   |
| +            | SAME         | OBSTACLE FREE ZONE                   |
| +            | SAME         | RUNWAY OBJECT FREE AREA              |
| +            | SAME         | FENCING                              |
| +            | SAME         | AIRPORT PROPERTY LINE                |
| +            | SAME         | AVIGATION EASEMENT (if applicable)   |
| +            | SAME         | BUILDING CONSTRUCTION                |
| +            | SAME         | FACILITY CONSTRUCTION                |
| +            | SAME         | HOLD POSITION MARKINGS               |
| +            | SAME         | NAVIGATIONAL AID INSTALLATION (CVCI) |
| +            | SAME         | RUNWAY THRESHOLD LIGHTS and REIL     |
| +            | SAME         | SECTION CORNER                       |
| +            | SAME         | SEGMENTED CIRCLE/WIND INDICATOR      |
| +            | SAME         | WIND INDICATOR (Lighted)             |
| +            | SAME         | AIRPORT ROTATING BEACON              |
| +            | SAME         | BUILDING To Be Removed               |
| +            | SAME         | PAVEMENT To Be Removed               |
| +            | SAME         | PARCELS                              |
| +            | SAME         | DRAINAGE                             |
| +            | SAME         | TOPOGRAPHY                           |
| +            | SAME         | BUILDING RESTRICTION LINE (BRL)      |
| +            | SAME         | SPECIAL USE PERMIT BOUNDARY          |
| +            | SAME         | ULTIMATE TAXIWAY DESIGNATION         |
| +            | SAME         | SURVEY MONUMENTS PACS & TSM          |



| RUNWAY DATA                                              |                                                                    |          |
|----------------------------------------------------------|--------------------------------------------------------------------|----------|
|                                                          | EXISTING                                                           | ULTIMATE |
| AIRCRAFT APPROACH CATEGORY-DESIGN GROUP                  | D-III                                                              | SAME     |
| FAR PART-77 APPROACH SURFACES                            | 500' ± 10,000' ± 3,500' (Rwy 9)<br>500' ± 5,000' ± 1,500' (Rwy 27) | SAME     |
| RUNWAY PROTECTION ZONES                                  | 500' ± 1700' ± 1010' (Rwy 9)<br>500' ± 1700' ± 1010' (Rwy 27)      | SAME     |
| RUNWAY INSTRUMENTATION                                   | NONPRECISION                                                       | SAME     |
| RUNWAY DIMENSIONS                                        | 7,111' ± 100'                                                      | SAME     |
| RUNWAY GEODETIC AZIMUTH (Clockwise)                      | 104.90°/284.91°                                                    | SAME     |
| RUNWAY BEARING (True Bearing)                            | N 75.10° W                                                         | SAME     |
| RUNWAY LIGHTING                                          | MIRL                                                               | SAME     |
| RUNWAY SAFETY AREA (RSA)                                 | 7,913' ± 500' 2                                                    | SAME     |
| RUNWAY OBSTACLE FREE ZONE (OFZ)                          | 7,311' ± 400'                                                      | SAME     |
| RUNWAY OBJECT FREE AREA (OFA)                            | 9,111' ± 800'                                                      | SAME     |
| LINE OF SIGHT REQUIREMENT                                | YES                                                                | SAME     |
| MAXIMUM RUNWAY GRADIENT                                  | 1.2%                                                               | SAME     |
| RUNWAY EFFECTIVE GRADIENT                                | 0.235%                                                             | SAME     |
| RUNWAY MAXIMUM ELEVATION Above MSL (NAVD88)              | 9069.6 MSL                                                         | SAME     |
| RUNWAY HIGH POINT / RUNWAY LOW POINT                     | 9069.6 MSL / 9030.0 MSL                                            | SAME     |
| RUNWAY PAVEMENT MATERIAL/SURFACE TREATMENT               | AC / PCC / Grooved                                                 | SAME     |
| RUNWAY PAVEMENT STRENGTH (in thousand lbs.) <sup>1</sup> | 45(S)/80(D)/175(DT)                                                | SAME     |
| LENGTH OF HAUL                                           | 500 NM                                                             | SAME     |
| TAXIWAY WIDTH                                            | 50'                                                                | SAME     |
| TAXIWAY LIGHTING                                         | MITL                                                               | SAME     |
| TAXIWAY MARKING                                          | Centerline Signage, Holding Line                                   | SAME     |
| TAXIWAY SURFACE MATERIAL                                 | AC/PCC                                                             | SAME     |
| TAXIWAY SAFETY AREA WIDTH                                | 118'                                                               | SAME     |
| TAXIWAY OBJECT FREE AREA WIDTH                           | 186'                                                               | SAME     |
| TAXIWAY HOLDING POSITION MARKING/SIGN                    | 341'                                                               | SAME     |
| CRITICAL AIRCRAFT WINGSPAN                               | CULFSTREAM V ( 93.5')                                              | SAME     |
| CRITICAL AIRCRAFT APPROACH SPEED                         | CULFSTREAM V (156 knots)                                           | SAME     |
| CRITICAL AIRCRAFT WEIGHT                                 | CULFSTREAM V (90,900#)                                             | SAME     |
| RUNWAY END ELEVATIONS (NAVD88)                           | EL. 9038.1' EL. 9069.6'                                            | SAME     |
| RUNWAY THRESHOLD DISPLACEMENT                            | 200'                                                               | SAME     |
| RUNWAY DISPLACED THRESHOLD ELEVATION (NAVD88)            | EL. 9036.7' EL. 9069.6'                                            | SAME     |
| RUNWAY APPROACH VISIBILITY MINIMUMS                      | 1 mile Visual                                                      | SAME     |
| F.A.R. PART-77 CATEGORY                                  | Non-Precision                                                      | SAME     |
| F.A.R. PART-77 APPROACH SLOPE                            | 34:1                                                               | SAME     |
| RUNWAY SAFETY AREA (Beyond Runway End)                   | 401' / 601' 2                                                      | SAME     |
| OBJECT FREE AREA (Beyond Runway End)                     | 1000' 5                                                            | SAME     |
| RUNWAY TOUCHDOWN ZONE ELEVATION (NAVD 88)                | EL. 9038.2 EL. 9069.6                                              | SAME     |
| RUNWAY MARKING                                           | NONPRECISION NONPRECISION                                          | SAME     |
| TAKEOFF RUN AVAILABLE (TORA)                             | 7,111' 7,111'                                                      | SAME     |
| TAKEOFF DISTANCE AVAILABLE (TODA)                        | 7,111' 7,111'                                                      | SAME     |
| ACCELERATE-STOP DISTANCE AVAILABLE (ASDA)                | 7,111' 7,111'                                                      | SAME     |
| LANDING DISTANCE AVAILABLE (LDA)                         | 6,911' 6,911'                                                      | SAME     |
| ELECTRONIC NAVIGATIONAL AIDS                             | GPS, VOR<br>LOC, LDA/DME<br>REIL, PAPI-4L                          | SAME     |
| RUNWAY VISUAL NAVIGATIONAL AIDS                          | REIL, PAPI-4L REIL, PAPI-4L                                        | SAME     |

<sup>1</sup> Pavement strengths are expressed in Single (S), Dual (D), Dual Tandem (DT), and/or Double Dual Tandem.  
<sup>2</sup> Equivalent met with 401' x 125' EMAS at Runway 9-27 Ends. Total RSA is 601' feet (401' EMAS and 200' Displaced Threshold. This is Equivalent to the standard 1000' RSA per EMAS guidance. Runway Safety Area length prior to the landing threshold = 600 feet per FAA AC 150/5300, Change 9.



| ALL WEATHER WIND COVERAGE |            |          |          |          |
|---------------------------|------------|----------|----------|----------|
| Runway                    | 10.5 Knots | 13 Knots | 16 Knots | 20 Knots |
| Runway 9-27               | 96.30%     | 98.10%   | 99.45%   | 99.45%   |

CONDITIONALLY APPROVED  
Subject to letter dated \_\_\_\_\_

FEDERAL AVIATION ADMINISTRATION  
DENVER AIRPORTS DISTRICT OFFICE

Date: \_\_\_\_\_

| FOR APPROVAL BY:             |             | FOR APPROVAL BY:                                               |             |
|------------------------------|-------------|----------------------------------------------------------------|-------------|
| San Miguel County Commission | DATE: _____ | Telluride Regional Airport Authority<br>John Micelin, Chairman | DATE: _____ |

| APPROVED MODIFICATIONS FROM FAA AIRPORT DESIGN STANDARDS                                                                                          |                             |                      |               |
|---------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|----------------------|---------------|
| STANDARD MODIFIED                                                                                                                                 | DESCRIPTION                 | AIRSPACE CASE NUMBER | APPROVAL DATE |
| Air Carrier and CA Apron Gradients                                                                                                                | Transverse and Longitudinal | -                    | May 25, 1993  |
| The previously-approved Modifications to Standards related to the runway have been resolved with the runway reconstruction and the EMAS projects. |                             |                      |               |

- GENERAL NOTES:**
- Depiction of features and objects, including related elevations and clearances, within the runway protection zones are depicted on the INNER PORTION OF RUNWAY APPROACH SURFACE DRAWING, sheets 6 and 7 of these plans.
  - Details concerning terminal improvements are depicted on the TERMINAL AREA DRAWING, sheet 2 of these plans.
  - Recommended land uses within the airport environs are depicted on the AIRPORT LAND USE DRAWING, sheet 8 of these plans.
  - There are no Obstacle Free Zone (OFZ) Object Penetrations.
  - Sources for existing coordinates and elevations: ASIS Data Sheet System (ADS). Telluride Regional Airport datum in NAD-83 and NAVD-88.
  - Existing Terminal Auto Parking and access road to be replaced with ultimate apron.
  - Existing Fire Storage Pond to be replaced with storage tanks (#54).
  - All Monuments are located on airport property and enclosed in a concrete casing.
  - Threshold Siting Surface (TSS) Objects Penetrations are shown on Sheets 6 and 7, of these plans.

| REVISIONS |                                         |         |    |
|-----------|-----------------------------------------|---------|----|
| No.       | REVISIONS                               | DATE    | BY |
| 1         | ALP UPDATE - RUNWAY RECONSTRUCTION/EMAS | 2/21/12 | CA |
| 2         | Airport Master Plan                     | 06/2006 | CA |

THE PREPARATION OF THESE DOCUMENTS WAS FINANCED IN PART THROUGH A PLANNING GRANT FROM THE FEDERAL AVIATION ADMINISTRATION AS PROVIDED UNDER SECTION 505 OF THE AIRPORT AND AIRWAY IMPROVEMENT ACT OF 1982, AS AMENDED. THE CONTENTS DO NOT NECESSARILY REFLECT THE OFFICIAL VIEW OR POLICY OF THE FAA. ACCEPTANCE OF THESE DOCUMENTS BY THE FAA DOES NOT IN ANY WAY CONSTITUTE A COMMITMENT ON THE PART OF THE UNITED STATES TO PARTICIPATE IN ANY DEVELOPMENT DEPICTED HEREIN NOR DOES IT INDICATE THAT THE PROPOSED DEVELOPMENT IS ENVIRONMENTALLY ACCEPTABLE IN ACCORDANCE WITH APPROPRIATE PUBLIC LAWS.

**TELLURIDE REGIONAL AIRPORT**

**AIRPORT LAYOUT DRAWING**

Telluride, Colorado

PLANNED BY: *Steven S. Benson P.E.*

DETAILED BY: *Nagga Bauer*

APPROVED BY: *James M. Harris P.E.*

February 21, 2012 SHEET 1 OF 10

**Coffman Associates**

Airport Consultants

www.coffmanassociates.com