

RUNWAY DATA	Runway 13-31	
	EXISTING	ULTIMATE
Runway Category	General Aviation	General Aviation
Airport Reference Code (ARC)	A-1 (Small)	A-1 (Small)
Approach Speed of Design Aircraft (knots)	96 Knots	96 Knots
Critical Design Aircraft	Cessna	Cessna
Wingspan of Critical Aircraft	41.7'	41.7'
Undercarriage Width of Critical Aircraft	14.7'	14.7'
Runway CenterLine to Parallel Runway CenterLine	N/A	N/A
Taxiway CenterLine to Fixed or Movable Object	44.5'	44.5'
Taxiway Wingtip Clearance	20'	20'
Runway CenterLine to Parallel Taxiway CenterLine	150'	150'
Max. Certified Takeoff Weight (lbs.)	7,450	7,450
Runway Bearing (True)	106.060°	106.060°
Maximum Runway Elevation (above MSL)	2782.0 MSL	2782.0 MSL
Runway Wind Coverage (10.5/13 Knots)	None Available	None Available
Runway Dimensions (L x W)	3500' x 50'	3500' x 50'
Runway Surface Material	Asphaltic Concrete	Asphaltic Concrete
Runway Pavement Surface Treatment	None	None
Runway Pavement Strength (in Thousand Lbs.) ¹	0.4%	0.4%
Runway Effective Gradient	0.51%	0.51%
Runway Maximum Gradient	None	None
Runway Lighting	None	None
Taxiway Holding Position Marking/holdsighn	125'	125'
Taxiway Lighting	None	None
Taxiway Marking	Centerline	Centerline
Taxiway Surface Material	Asphaltic Concrete	Asphaltic Concrete
Taxiway Width	30'	30'
Taxiway Safety Area (Width)	49'	49'
Taxiway Object Free Area (Width)	89'	89'
Elevation Of Runway High Point	2782.0 MSL	2782.0 MSL
Elevation Of Runway Low Point	2766.7 MSL	2766.7 MSL
Far Part-77 Approach Surfaces	250' x 5000' x 1250' (13) 250' x 5000' x 1250' (31)	250' x 5000' x 1250' (13) 250' x 5000' x 1250' (31)
Runway Protection Zones	250' x 1000' x 450' (13) 250' x 1000' x 450' (31)	250' x 1000' x 450' (13) 250' x 1000' x 450' (31)
RUNWAY END DATA	RUNWAY 13	RUNWAY 31
Line Of Sight Requirement Met	Yes	Yes
Elevation (NAVD 88) Runway Ends	2766.7 MSL	2782.0 MSL
Elevation Of Runway Touchdown Zone (TDZE)	2777.1 MSL	2777.1 MSL
Runway Stopway	None	None
Runway Approach Visibility Minimums	Visual	Visual
Threshold Siting Requirements (Appendix 2)	20:1	20:1
Threshold Siting Surface Object Penetrations	Yes	Yes
F.A.R. Part 77 Category	Visual	Visual
F.A.R. Part-77 Approach Slope	20:1	20:1
Runway Threshold Displacement	None	None
Runway Threshold Displacement Elevation	None	None
Runway Instrumentation	Visual	Visual
Runway Safety Area (RSA) Beyond Rwy End	240'	240'
Runway Safety Area (RSA) Width	120'	120'
Runway Approach Lighting	None	None
Precision Obstacle Free Zone (200' x 800')	N/A	N/A
Obstacle Free Zone (OFZ) Beyond Rwy End	200'	200'
Runway Obstacle Free Zone (OFZ) Width	250'	250'
Runway Marking	Basic	Basic
Runway Object Free Area Beyond Rwy End	240'	240'
Runway Object Free Area (OFA) Width	250'	250'
Runway Electronic Navigational Aids	None	None
Runway Visual Navigational Aids	None	None

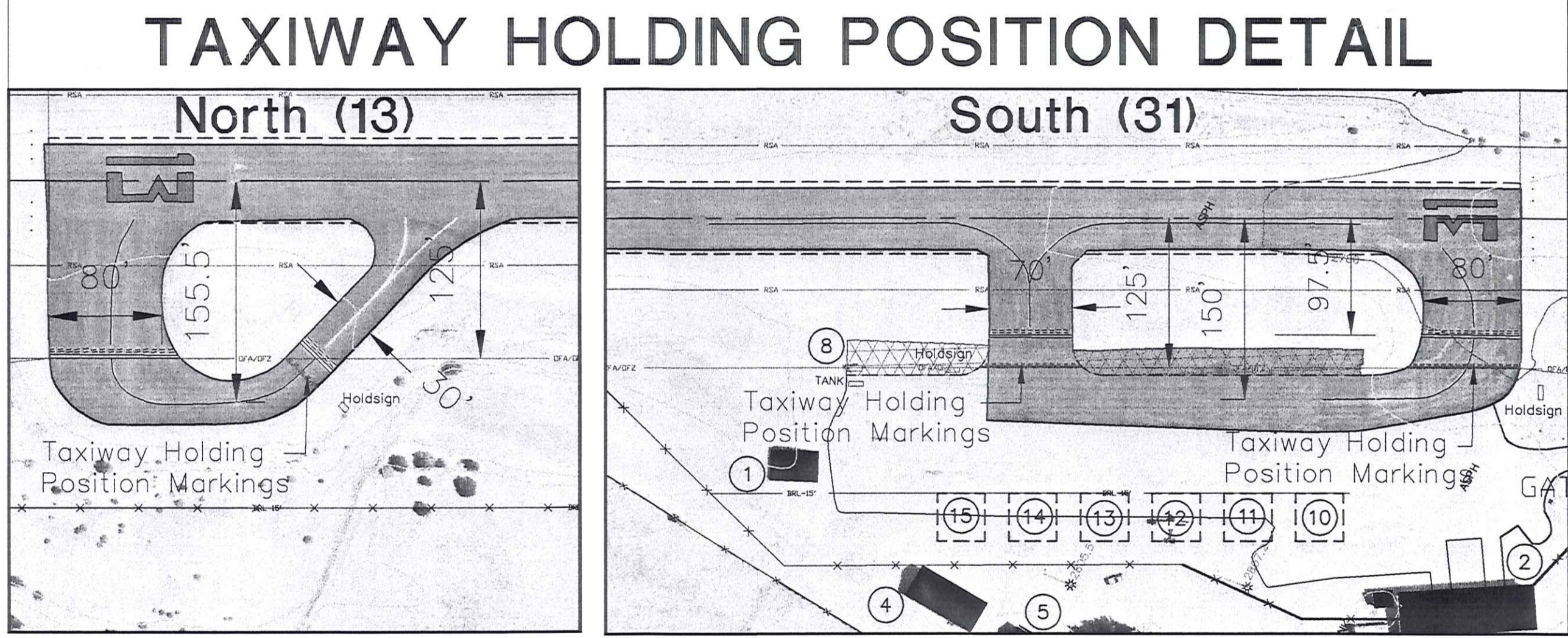
AIRPORT DATA			
ACREAGE: 72.203	CITY: Ruth, California	RANGE: RBC	TOWNSHIP: T27N COUNTY: Trinity Co.
RUTH AIRPORT (142)			
AIRPORT SERVICE LEVEL	General Aviation	General Aviation	General Aviation
AIRPORT REFERENCE CODE (ARC)	A-1 (Small)	A-1 (Small)	A-1 (Small)
DESIGN AIRCRAFT	Cessna	Cessna	Cessna
AIRPORT ELEVATION (NAVD 88) Surveyed	2782.0 MSL	2782.0 MSL	2782.0 MSL
MEAN MAXIMUM TEMPERATURE OF HOTTEST MONTH	94° (July)	94° (July)	94° (July)
AIRPORT REFERENCE POINT (NAD 83)	Latitude 40° 12' 40.529" N Longitude 123° 17' 51.406" W	Latitude 40° 12' 40.529" N Longitude 123° 17' 51.406" W	Latitude 40° 12' 40.834" N Longitude 123° 17' 28.851" W
AIRPORT INSTRUMENT APPROACH/GPS AT AIRPORT	NONE	NONE	NONE
AIRPORT and TERMINAL NAVIGATIONAL AIDS	NONE	Rotating Beacon	
RUNWAY 13 END COORDINATES (NAD 83)	Latitude 40° 12' 40.222" N Longitude 123° 18' 13.959" W	Latitude 40° 12' 40.222" N Longitude 123° 18' 13.959" W	Latitude 40° 12' 40.834" N Longitude 123° 17' 28.851" W
RUNWAY 31 END COORDINATES (NAD 83)	Latitude 40° 12' 40.834" N Longitude 123° 17' 28.851" W	Latitude 40° 12' 40.834" N Longitude 123° 17' 28.851" W	
RUNWAY 13-31 DECLARED DISTANCES	RUNWAY 13-31	RUNWAY 13-31	RUNWAY 13-31
TAKEOFF RUN AVAILABLE (TORA)	3500'	3500'	3500'
TAKEOFF DISTANCE AVAILABLE (TODA)	3500'	3500'	3500'
ACCELERATE-STOP DISTANCE AVAILABLE (ASDA)	3500'	3500'	3500'
LANDING DISTANCE AVAILABLE (LDA)	3500'	3500'	3500'

THRESHOLD SITING SURFACE OBJECT PENETRATIONS		
OBJECT	PENETRATION	DISPOSITION
SEE INNER PORTION OF THE RUNWAY APPROACH SURFACES DRAWINGS		

OBSTACLE FREE ZONE (OFZ) OBJECT PENETRATIONS		
OBJECT	PENETRATION	DISPOSITION
FENCE (Runway 13)		RELOCATE
TAXIWAY HOLD LINES (Runway 31)		RELOCATE

LEGEND		
EXISTING	ULTIMATE	DESCRIPTION
---	---	AIRPORT PROPERTY LINES
○	○	AIRPORT REFERENCE POINT (ARP)
○	○	AIRPORT ROTATING BEACON
---	---	BUILDING CONSTRUCTION
---	---	DRAINAGE
---	---	FACILITY CONSTRUCTION
---	---	FENCING
---	---	NAVIGATIONAL AID INSTALLATION (GVGI)
---	---	RUNWAY THRESHOLD LIGHTS
---	---	SEGMENTED CIRCLE/WIND INDICATOR
---	---	WIND INDICATOR (Lighted)
---	---	HOLDING POSITION MARKING
---	---	LIGHT POLES
---	---	TREES
---	---	SURVEY MONUMENT
---	---	TOPOGRAPHY
---	---	OBSTACLE FREE ZONE/OBJECT FREE AREA
---	---	RUNWAY SAFETY AREA
---	---	BRL
---	---	BUILDING RESTRICTION LINE (BRL-20') SECTION CORNER

BUILDINGS/FACILITIES	
NO.	DESCRIPTION and ELEVATION (AGL)
1	HANGAR (40' x 40')
2	HANGAR (40' x 40')
3	SEGMENTED CIRCLE/WIND INDICATOR 15'
4	BUILDING (40' x 40')
5	BUILDING (40' x 40')
6	STABLE N/A
7	BUILDING 15'
8	FUEL TANK (To Be Relocated) N/A
ULTIMATE FACILITIES DESCRIPTION	
10	HANGAR (40' x 40')
11	HANGAR (40' x 40')
12	HANGAR (40' x 40')
13	HANGAR (40' x 40')
14	HANGAR (40' x 40')
15	HANGAR (40' x 40')



- GENERAL NOTES:**
1. 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 4 and 5 of these plans.
 2. Recommended land uses within the airport environs are depicted on the AIRPORT LAND USE DRAWING, sheet 6 of these plans.
 3. Property Line depicted taken from July 21, 2003 Airport Layout Plan Drawing prepared by Reinhard W. Brandley Engineers.
 4. [ftp://ftp.ngs.noaa.gov/pub/usdot/WESTERN-PACIFIC/CALIFORNIA](http://ftp.ngs.noaa.gov/pub/usdot/WESTERN-PACIFIC/CALIFORNIA). All elevations are in NAVD 88.
 5. Building set backs based upon Part 77 at 15' elevation.
 6. Building elevations are estimated.

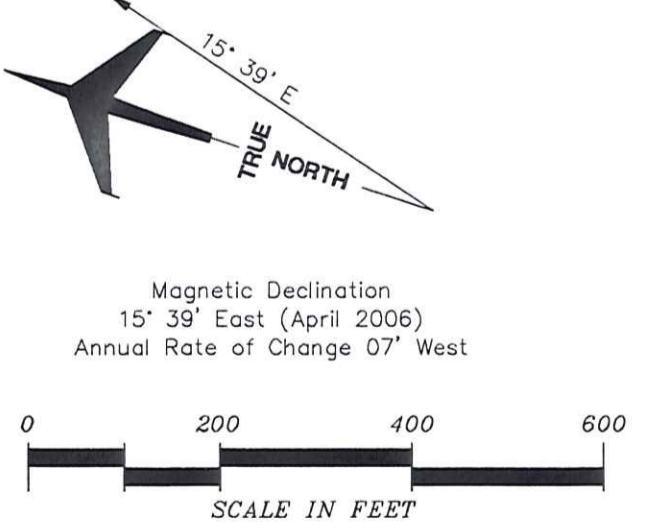
FAA APPROVAL STAMP

APPROVED CONDITIONALLY
FEDERAL AVIATION ADMINISTRATION
AIRPORTS DISTRICT OFFICE
SAN FRANCISCO, CALIFORNIA

By *Richard K. Hunt* Date *11/25/08*
Manager

Subject to Letter dated *11/25/08*

APPROVED BY: *Richard K. Hunt* DATE: *7-23-08*
Chairman, Board of Supervisors
County of Trinity, California



RUTH AIRPORT
AIRPORT LAYOUT DRAWING
Trinity County, California

PLANNED BY: *Stephen C. Wagner/Vicki Rogers*
DETAILED BY: *Larry B. Johnson*
APPROVED BY: *James M. Harris, P.E.*

July 19, 2007 SHEET 1 OF 6

Coffman Associates
Airport Consultants
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No.	REVISIONS	DATE	BY	APP'D.
1	Future Taxiway Holdlines added.	7/08	LDJ	SCW
2	Perimeter fencing added.	11/07	LDJ	SCW
3	Approved ALPs (None Available)	-	-	-

RUTH AIRPORT DATUM | ELEVATIONS BASED ON NAVD88 | COORDINATES BASED ON NAD83 CSP ZONE 1
PREPARED BY PHOTOGRAMMETRIC METHODS FROM AERIAL PHOTOGRAPHY DATED: 9-21-04 | DATE COMPLETED 5-6-05
DASHED CONTOURS AND UNDERLINED SPOT ELEVATIONS IN AREAS OF DENSE VEGETATION MAY DEVIATE FROM TRUE ELEVATION BY ONE HALF THE HEIGHT OF THE VEGETATION.