6. Airport Layout Plan

Introduction

The Federal Aviation Administration (FAA) requires, in part, a current Airport Layout Plan (ALP) that has been approved by both the airport sponsor (City of Colorado Springs) and the FAA prior to the approval of an airport development project. The FAA further requires that the airport sponsor maintain an ALP that ensures the safety, utility, and efficiency of the airport. FAA sponsor grant assurance number 29 also requires that the city keep the ALP up to date at all times. As stated in FAA Order 5100.38, Airport Improvement Program Handbook, an ALP remains current for at least a five-year period unless major changes at the airport are made or planned.

As noted in FAA Advisory Circular (AC) 150/5070-6B, *Airport Master Plans*, the five primary functions of the ALP are:

- Create a blueprint for airport development by depicting proposed facility improvements. The ALP provides a guideline by which the airport sponsor can ensure that development maintains airport design standards and safety requirements and is consistent with airport and community land use plans.
- A public document that serves as a record of aeronautical requirements, both present and future, and as a reference for community deliberations on land use proposals and budget resource planning.
- To enable the airport sponsor and the FAA to plan for facility improvements at the airport. It also allows the FAA to anticipate budgetary and procedural needs. The approved ALP also allows the FAA to protect the airspace required for facility or approach procedure improvements.
- To serve as a working tool for the airport sponsor, particularly its development and maintenance staff.
- Requirement for the airport sponsor to receive FAA financial assistance.

The Colorado Springs Airport (COS or the Airport) ALP drawing set was developed in conformance with FAA SOP 2.00, ALP Review Checklist, dated October 1, 2013. The specific drawings included in the ALP set are determined by a number of factors, including the number of runways at the airport, and the type of instrument approaches.

Airport Layout Plan Drawing Set Elements

The following is a brief description of the ALP drawing sheets. FAA SOP 2.00 provides a detailed checklist of items required to be included in each drawing.

Title Sheet: includes sponsor approval signature block, airport location maps, and other pertinent information as required by the local FAA Airports office.

Airport Data Sheet: A separate sheet containing basic airport and runway/taxiway data tables. This sheet also contains wind roses, modifications to standards, declared distances, and information about non-standard conditions.

Airport Layout Plan: illustrates the existing and future airport facilities (two drawings). The drawings include the depiction of all applicable design standards contained in the latest version of AC 150/5300-13, including but not limited to, landing areas, movement areas and aircraft parking areas (e.g., runways, taxiways, helipads, aprons, etc.), required facility identifications, description labels, imaginary surfaces, Runway Protection Zones, Runway and Taxiway Safety Areas, Runway and Taxiway Object Free Areas, and Runway Obstacle Free Zones. FAA approval signature block (future drawing).

Terminal Area Plan(s): presents a large-scale depiction of areas with significant terminal facility development. The Terminal Area drawing is an enlargement of a portion of the ALP. This set contains three drawings that focus on distinct areas of the Airport.

Airport Airspace Drawing: 14 CFR Part 77, Safe, Efficient Use, and Preservation of the Navigable Airspace, defines the five imaginary surfaces that are depicted for each runway and the airport as a whole. This drawing depicts the obstacle identification surfaces for the full extent of all airport development. It also depicts airspace obstructions for the portions of the surfaces excluded from the Approach/Departure Plan and Profile Drawings. Following this drawing is an Obstruction Table Sheet that provides detail about the obstructions shown on the Airport Airspace Drawing.

Approach/Departure Plan and Profile Drawings: is the plan and profile view of the inner portion of the approach surface and departure surface to each runway end, as well as a tabular listing of all of the associated surface penetrations. The drawing depicts the obstacle identification approach surfaces contained in 14 CFR Part 77, Safe, Efficient Use, and Preservation of the Navigable Airspace. The drawing also depicts other approach surfaces including the threshold-siting surface and those surfaces associated with United States Standards for Instrument Procedures (TERPS). The departure surfaces are shown for runway end(s) designated primarily for instrument departures.

Land Use Drawing: shows the land uses within the airport property boundary. It also depicts land uses and zoning districts in the area around the airport, outside

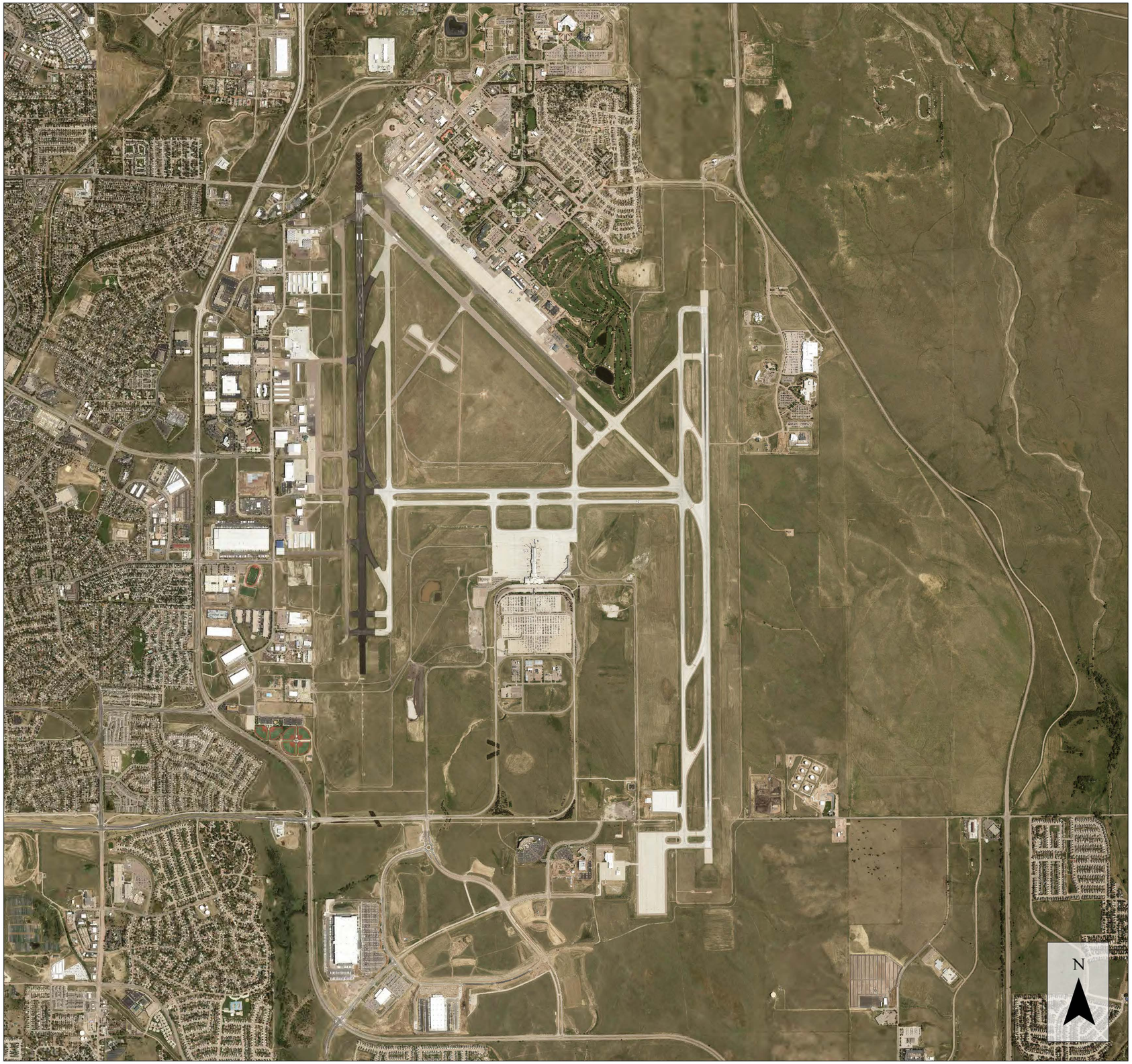
of the airport property boundary. Noise contours illustrate the expected DNL contours produced from the Airport's Annual Service Volume (ASV).

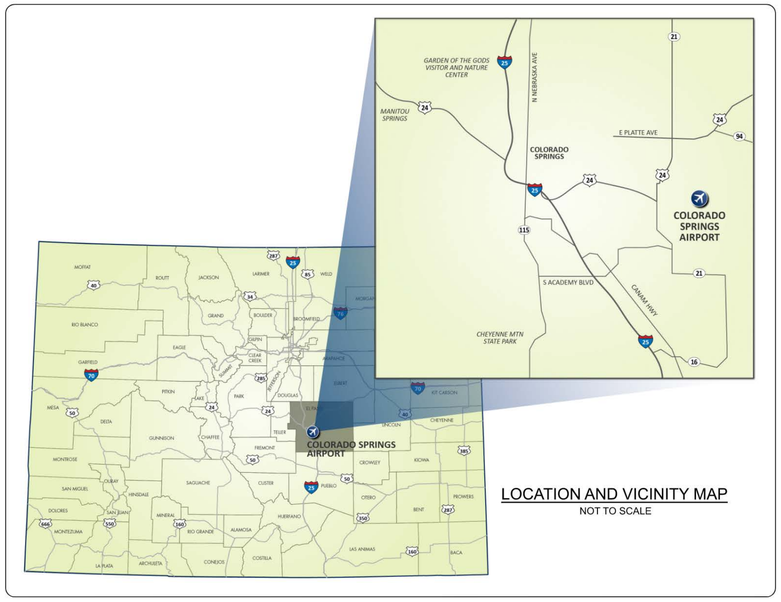
Airport Property Map (Exhibit A): depicts the airport property boundary, the various tracts of land that were acquired to develop the airport, and the methods of acquisition (where appropriate). The drawing also depicts land developed as Peak Innovation Park and easements beyond the airport boundary.

CITY OF COLORADO SPRINGS MUNICIPAL AIRPORT

EL PASO COUNTY, COLORADO

AIRPORT LAYOUT PLAN
JANUARY 2023





LOCATION AND VICINITY MAP
NOT TO SCALE

SHEET INDEX		
NUMBER	DESCRIPTION	REVISION DATE
1	TITLE SHEET	
2	AIRPORT DATA SHEET	
3	AIRPORT LAYOUT PLAN - EXISTING	
4	AIRPORT LAYOUT PLAN - FUTURE	
5	TERMINAL AREA DRAWING	
6	GENERAL AVIATION APRON AREA DRAWING	
7	EAST DEVELOPMENT AND MILITARY APRON AREA DRAWING	
8	AIRPORT AIRSPACE DRAWING	
9	AIRPORT AIRSPACE PROFILES DRAWING	
10	OBSTRUCTION TABLE SHEET	
11	APPROACH/DEPARTURE PLAN AND PROFILE RUNWAY - 17L	
12	APPROACH/DEPARTURE PLAN AND PROFILE RUNWAY - 35R	
13	APPROACH/DEPARTURE PLAN AND PROFILE RUNWAY - 17R	
14	APPROACH/DEPARTURE PLAN AND PROFILE RUNWAY - 35L	
15	APPROACH/DEPARTURE PLAN AND PROFILE RUNWAY - 13	
16	APPROACH/DEPARTURE PLAN AND PROFILE RUNWAY - 31	
17	LAND USE DRAWING	
18	EXHIBIT 'A' AIPORT PROPERTY INVENTORY MAP	

SPONSOR APPROVAL

Gregory S. Phillips, AAE
Gregory S. Phillips, AAE (Jun 21, 2023 22:54 MDT)
NAME

Director of Aviation
TITLE

Jun 21, 2023
DATED

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COLORADO SPRINGS AIRPORT

COLORADO SPRINGS AIRPORT (COS) COLORADO SPRINGS, CO

DES: K.D.
DR: K.D.
CH: T.D.
APP: T.D.

ISSUE RECORD

NO.	BY	DATE	DESCRIPTION

2022 AIRPORT LAYOUT PLAN

TITLE SHEET

AIP PROJECT NUMBER: 3-08-0010-071-2021
JVIATION PROJ. NO. 2020.COS.01
DATE: JANUARY 2023

RUNWAY DATA TABLE

ITEM		EXISTING						FUTURE									
										OPTION 1				OPTION 2			
RUNWAY IDENTIFICATION		17L	35R	17R	35L	13	31	17L	35R	17R	35L	13	31	17R	35L	13	31
RUNWAY DESIGN CODE (RDC)		D-IV-1200		D-IV-1200		D-IV-5000		SAME		SAME		SAME		SAME		SAME	
PAVEMENT STRENGTH & MATERIAL TYPE	SURFACE MATERIAL	CONCRETE		ASPHALT		ASPHALT		SAME		SAME		SAME		SAME		SAME	
	STRENGTH BY WHEEL LOADING (LBS, THOUSANDS)	120.0(SW), 250.0(DW), 550.0(DT), 1,120.0 (DDT)		120.0(SW), 250.0(DW), 550.0(DT), 1,120.0 (DDT)		120.0(SW), 171.0(DW), 279.0(DT), 691.0 (DDT)		SAME		SAME		SAME		SAME		SAME	
	CLASSIFICATION (UTILITY/OTHER THAN UTILITY)	OTHER THAN UTILITY		OTHER THAN UTILITY		OTHER THAN UTILITY		SAME		SAME		SAME		SAME		SAME	
	PCN (FOR BEARING STRENGTH OF 12,500 LBS OR GREATER)	95/R/B/W/T (LOAD CARRYING CAPACITY, RIGIDITY, STRENGTH, MAX TIRE PRESSURE, METHOD)		99/F/B/X/T		48/F/C/X/T		SAME		SAME		SAME		SAME		SAME	
	SURFACE TREATMENT	GRVD		GRVD		GRVD		SAME		SAME		SAME		SAME		SAME	
RUNWAY GRADIENT	EFFECTIVE GRADIENT (%)	0.620%		1.190%		0.430%		SAME		1.051%		0.179%		1.060%		0.002%	
	MAXIMUM GRADIENT (%)	0.750%		1.280%		0.870%		SAME		1.930%		1.360%		1.930%		1.360%	
	LINE OF SIGHT CRITERIA MET (YES/NO)	YES		YES		YES		SAME		SAME		SAME		SAME		SAME	
PERCENT WIND COVERAGE (COMBINED ALL WEATHER)	A-I AND B-I (10.5 KTS)	96.4%						SAME		SAME		SAME		SAME		SAME	
	A-II AND B-II (13 KTS)	98.1%						SAME		SAME		SAME		SAME		SAME	
	A-III,B-III, C-I THROUGH D-III, D-I THROUGH D-III (16 KTS)	99.2%						SAME		SAME		SAME		SAME		SAME	
	A-IV,B-IV, C-IV THROUGH C-VI, D-IV THROUGH D-VI (20 KTS)	99.8%						SAME		SAME		SAME		SAME		SAME	
RUNWAY DIMENSIONS (LENGTH X WIDTH) (FT)		13,501 X 150		11,022 X 150		8,269 X 150		SAME		11,730 x 150		SAME		13,519 x 150		8,099 x 150	
DISPLACED THRESHOLD (FT)		N/A	N/A	N/A	N/A	N/A	356	SAME	SAME	SAME	775	SAME	SAME	SAME	775	SAME	1,173
RUNWAY SAFETY AREA (RSA)	LENGTH BEYOND RUNWAY END STANDARD/ACTUAL (FT)	1,000/1,000	1,000/1,000	1,000/1,000	1,000/1,000	1,000/1,000	1,000/1,000	SAME	SAME	SAME	SAME	SAME	SAME	SAME	SAME	SAME	SAME
	WIDTH STANDARD/ACTUAL (FT)	500		500		500		SAME		SAME		SAME		SAME		SAME	
RUNWAY END COORDINATES	RUNWAY END LATITUDE	38° 48' 57.91" N	38°46' 44.51" N	38° 49' 26.67" N	38° 47' 37.77" N	38° 49' 23.36" N	38° 48' 25.49" N	SAME	SAME	38° 49' 08.98" N	38° 47' 13.06" N	SAME	SAME	SAME	38° 47' 13.06" N	38° 49' 16.45" N	38° 48' 19.77" N
	RUNWAY END LONGITUDE	104°41' 08.64" W	104°41' 08.87" W	104°42' 57.22" W	104°42' 57.36" W	104°42' 55.28" W	104°41' 41.53" W	SAME	SAME	104°42' 57.24" W	104°42' 57.39" W	SAME	SAME	SAME	104°42' 57.39" W	104°42' 46.47" W	104°41' 34.24" W
	DISPLACED THRESHOLD LATITUDE	N/A	N/A	N/A	N/A	N/A	38° 48' 27.98" N	SAME	SAME	N/A	38° 47' 20.72" N	N/A	SAME	SAME	38° 47' 20.72" N	SAME	SAME
	DISPLACED THRESHOLD LONGITUDE	N/A	N/A	N/A	N/A	N/A	104° 41' 44.70" W	SAME	SAME	N/A	104° 42' 57.38" W	N/A	SAME	SAME	104° 42' 57.38" W	SAME	SAME
RUNWAY ELEVATIONS	RUNWAY END (FT)	6,187.0	6,102.7	6,176.4	6,045.0	6,173.1	6,137.1	SAME	SAME	6,157.1	6,033.1	SAME	SAME	SAME	6,033.1	6,171.3	6,156.8
	DISPLACED THRESHOLD (FT)	N/A	N/A	N/A	N/A	N/A	6,134.6	SAME	SAME	N/A	6,037.0	N/A	SAME	SAME	6,037.0	SAME	6,151.8
	TOUCHDOWN ZONE (TDZ) (FT)	6,187.0	6,117.7	6,176.4	6,074.6	6,173.1	6,154.7	SAME	SAME	6,157.1	6,048.9	SAME	SAME	SAME	6,048.9	6,171.3	6,156.8
	HIGH POINT (FT)	6,187.8		6,176.4		6,173.1		SAME		6,157.1		SAME		6,176.4		6,171.3	
	LOW POINT(FT)	6,102.8		6,045.1		6,134.5		SAME		6,033.1		SAME		6,033.1		6,147.1	
RUNWAY LIGHTING TYPE		HIRL		HIRL		MIRL		SAME		SAME		SAME		SAME		SAME	
RUNWAY PROTECTION ZONE (RPZ)	LENGTH (FT)	2,500	1,700	1,700	2,500	1,700	1,700	SAME	2,500	SAME	SAME	SAME	SAME	SAME	SAME	SAME	SAME
	INNER WIDTH (FT)	1,000	1,000	1,000	1,000	500	500	SAME	1,000	SAME	SAME	SAME	SAME	SAME	SAME	SAME	SAME
	OUTER WIDTH (FT)	1,750	1,510	1,510	1,750	1,010	1,010	SAME	1,750	SAME	SAME	SAME	SAME	SAME	SAME	SAME	SAME
RUNWAY MARKING TYPE		PRECISION	PRECISION	PRECISION	PRECISION	NON - PRECISION	NON - PRECISION	SAME	SAME	SAME	SAME	SAME	SAME	SAME	SAME	SAME	SAME
14 CFR PART 77 APPROACH CATEGORY	APPROACH TYPE	PRECISION	PRECISION	NON - PRECISION	PRECISION	VISUAL	NON - PRECISION	SAME	SAME	PRECISION	SAME	SAME	SAME	PRECISION	SAME	SAME	SAME
	APPROACH SURFACE DIMENSIONS (FT)	1,000 X 16,000 X 50,000	1,000 X 16,000 X 50,000	1,000 X 4,000 X 10,000	1,000 X 16,000 x 50,000	500 X 1,500 X 5,000	500 X 3,500 X 10,000	SAME	SAME	1,000 X 16,000 X 50,000	SAME	SAME	SAME	1,000 X 16,000 X 50,000	SAME	SAME	SAME
	APPROACH SURFACE SLOPE	50:1/40:1	50:1/40:1	34:1	50:1/40:1	20:1	34:1	SAME	SAME	50:1/40:1	SAME	SAME	SAME	50:1/40:1	SAME	SAME	SAME
VISIBILITY MINIMUMS	RUNWAY VISUAL RANGE (RVR) (FT)	1,400	4,000	4,000	1,200	N/A	5,000	SAME	1,600	SAME	SAME	SAME	SAME	SAME	SAME	SAME	SAME
	INSTRUMENT FLIGHT VISIBILITY CATEGORY (SM)	<1/4	3/4	3/4	<1/4	VISUAL	1	SAME	1/4	SAME	SAME	SAME	SAME	SAME	SAME	SAME	SAME
TYPE OF AERONAUTICAL SURVEY FOR APPROACH		VERT. GUIDED	VERT. GUIDED	VERT. GUIDED	VERT. GUIDED	N/A	NOT VERT. GUIDED	SAME	SAME	SAME	SAME	SAME	SAME	SAME	SAME	SAME	SAME
RUNWAY DEPARTURE SURFACE (YES OR N/A)		YES	YES	YES	YES	YES	YES	SAME	SAME	SAME	SAME	SAME	SAME	SAME	SAME	SAME	SAME
RUNWAY OBJECT FREE AREA (ROFA)	LENGTH BEYOND RUNWAY END STANDARD/ACTUAL (FT)	1,000/1,000	1,000/1,000	1,000/1,000	1,000/1,000	1,000/1,000	1,000/1,000	SAME	SAME	SAME	SAME	SAME	SAME	SAME	SAME	SAME	SAME
	WIDTH STANDARD/ACTUAL (FT)	800		800		800		SAME		SAME		SAME		SAME		SAME	
RUNWAY OBSTACLE FREE ZONE (ROFZ)	LENGTH BEYOND RUNWAY END STANDARD/ACTUAL (FT)	200/200	200/200	200/200	200/200	200/200	200/200	SAME	SAME	SAME	SAME	SAME	SAME	SAME	SAME	SAME	SAME
	WIDTH STANDARD/ACTUAL (FT)	400		400		400		SAME		SAME		SAME		SAME		SAME	
THRESHOLD SITING SURFACE	SURFACE DIMENSIONS (FT)	0 X 350 X 1,520 X 10,200 (TYPE 6) 200 X 400 X 3,400 X 10,000 (TYPE 5)	0 X 350 X 1,520 X 10,200 (TYPE 6) 200 X 400 X 3,400 X 10,000 (TYPE 5)	0 X 350 X 1,520 X 10,200 (TYPE 6) 200 X 400 X 3,400 X 10,000 (TYPE 5)	0 X 350 X 1,520 X 10,200 (TYPE 6) 200 X 800 X 3,400 X 10,000 (TYPE 5)	400 X 1,000 X 1,500 X 8,500 (TYPE 3)	200 X 400 X 3,400 X 10,000 (TYPE 4)	SAME	SAME	SAME	SAME	SAME	SAME	SAME	SAME	SAME	SAME
	SLOPE	30:1/34:1	30:1/20:1	30:1/20:1	30:1/34:1	20:1	20:1	SAME	30:1/34:1	SAME	SAME	SAME	SAME	SAME	SAME	SAME	SAME
	PENETRATIONS	NONE	NONE	NONE	NONE	NONE	NONE	SAME	SAME	SAME	SAME	SAME	SAME	SAME	SAME	SAME	SAME
VISUAL AND INSTRUMENT NAVAIDS (FOR EACH RUNWAY END)		ILS (CAT II), DME, GPS, RNAV, MALSR, PAPI	ILS, DME, GPS, RNAV, REIL, PAPI	RNAV, REIL, PAPI	ILS (CAT II),RNAV, MALSR, PAPI	PAPI, REIL	RNAV, REIL, PAPI	SAME	ILS (CAT II), LOC, RNAV(RNP), RNAV (GPS), PAPI, MALSR/ALSF-2	ILS, RNAV, REIL, PAPI	SAME	SAME	SAME	ILS, RNAV, REIL, PAPI	SAME	SAME	SAME

AIRPORT DATA TABLE

ITEM		EXISTING	FUTURE - OPTION 1	FUTURE - OPTION 2
AIRPORT REFERENCE CODE (ARC)		D-IV	SAME	SAME
MEAN MAX TEMPERATURE OF THE HOTTEST MONTH		84°	SAME	SAME
AIRPORT ELEVATION (MSL)(FT)		6,187.0	SAME	SAME
AIRPORT NAVIGATIONAL AIDS		DME, ILS, RNAV, NDB, ASR, BEACON	SAME	SAME
AIRPORT REFERENCE POINT (ARP)	LATTITUDE	38° 48' 20.94" N	38° 48' 15.57" N	38° 48' 15.36" N
	LONGITUDE	104° 42' 02.79" W	104° 42' 08.49" W	104° 42' 04.47" W
MISCELLANEOUS FACILITIES		WINDCONE	SAME	SAME
ARC AND CRITICAL AIRCRAFT	ARC	D-IV	SAME	SAME
	CRITICAL AIRCRAFT	B767-400	SAME	SAME
	WINGSPAN (FT)	170.3	SAME	SAME
	TAIL HEIGHT (FT)	55.8	SAME	SAME
	UNDERCARRIAGE WIDTH (FT)	36	SAME	SAME
	APPROACH SPEED (KTS)	150	SAME	SAME
	MAXIMUM TAKEOFF WEIGHT (LBS)	450,000	SAME	SAME
AIRPORT MAGNETIC VARIATION	VARIATION	7° 39' E ± 0° 22' CHANGING BY 0° 6'W PER YEAR	SAME	SAME
	DATE	2021-09-02	SAME	SAME
	SOURCE	NOAA	SAME	SAME
NPIAS SERVICE LEVEL		COMMERCIAL SERVICE - PRIMARY	SAME	SAME
STATE EQUIVALENT SERVICE ROLE		COMMERCIAL SERVICE	SAME	SAME

MODIFICATION TO STANDARDS

DESCRIPTION/LOCATION	FAA STANDARD	EXISTING CONDITION	FUTURE/PROPOSED CONDITION	AIRSPACE CASE NO.	DATE
TW F LONGITUDINAL GRADIENT BETWEEN TW M AND TW B (BETWEEN STA. 358+25 AND STA. 352+61.95) AND (BETWEEN STA. 351.18.76 TO STA. 352.61.95)	±1.5%	1.7% TO 2.0% BETWEEN STA. 358+25 AND STA. 352+61.95 AND 1.73% BETWEEN STA.351+18.76 TO STA. 352+61.95	SECTION OF TW F BETWEEN TW M AND TW B TO BE REMOVED WITH 817' EXTENSION OF RW 31		SUBMITTED 5/22/2012
RW 13 END RSA LOGITUDINAL GRADIENT FOR FIRST 200' BEYOND THRESHOLD	0% TO -3%	0.0075	RW 13 END RSA TO BE SHIFTING INWARD WITH 987' THRESHOLD RELOCATION	93-ANM/D-063-NRA	SUBMITTED 11/3/2011
RW 31 LONGITUDINAL GRADIENT AND VERTICAL CURVE LENGTH IN FIRST QUARTER OF RW	± 0.8% LONGITUDINAL GRADE AND MINIMUM VERTICAL CURVE LENGTH OF 1,000' FOR EACH 1% OF GRADE CHANGE	1.87% LONGITUDINAL GRADE AND 500' VERTICAL CURVE AT STA. 82+50	RW 31 LONGITUDINAL GRADIENT TO BE ADDRESS WHEN RW 31 IS EXTENDED 817'	93-ANM/D-012-NRA	SUBMITTED 11/3/2011
TW MIL LONGITUDINAL GRADE AT RW 13/31	± 1.5%	-0.0225	REMOVE TW B4 FROM APPOVED MOS ON RECORD AS IT NOW MEETS STANDARD LONGITUDINAL GRADE REQUIREMENTS	93-ANM/D-063-NRA	SUBMITTED 11/3/2011
TW MIL LENGTH OF LEAD-IN TO FILLETS AT RW 13/31	250' LEAD-IN LENGTH TO FILLETS	0' LEAD-IN LENGTH TO FILLETS	DEDICATED MILITARY USE	93-ANM/D-063-NRA	SUBMITTED 11/3/2011
TW G LONGITUDINAL GRADIENT FROM CENTERLINE TO NORTH EDGE AT TW B (BETWEEN STA. 176+00 AND STA. 173+75)	± 1.5%	-0.019	TW B TO BE REMOVED WHERE IT MEETS TW G TO ADDRESS HS 3		APPROVED 9/6/2007

NON-STANDARD CONDITIONS

DESCRIPTION/LOCATION	FAA STANDARD	EXISTING CONDITION	FUTURE/PROPOSED CONDITION
TW A LENGTH OF LEAD-IN TO FILLET AT SOUTHWEST CORNER OF TL SOUTH OF TW A4	250' LEAD-IN LENGTH TO FILLETS	0' LEAD-IN LENGTH TO FILLETS	TO BE ADRESSED IN "REALIGNMENT OF TW "A" TO 500' FROM RW 17R-35L" PROJECT
TW A2,A3, AND A4 WEST OF TW A FILLET WIDTH	85' FILLET RADIUS (COCKPIT OVER CENTERLINE)	105' FILLET RADIUS (JUDGMENTAL OVERSTEERING)	TO BE ADRESSED IN "REALIGNMENT OF TW "A" TO 500' FROM RW 17R-35L" PROJECT
RW 17R/35L LONGITUDINAL GRADIENT FOR THE LAST QUARTER OF RW LENGTH AT BOTH ENDS	±0.8% LONGITUDINAL GRADE	0.9% TO 1.21% IN NORTH QUARTER 0.7% TO 1.36% IN SOUTH QUARTER	RECONSTRUCT RW 17R/35L AND ELIMINATE A NON-STANDARD GRADIENT WHEN THE RW IS EXTENDED
TW A2 LONGITUDINAL GRADE AT RW 17R/35L	±1.5%	1.80%	TO BE ADRESSED IN "REALIGNMENT OF TW "A" TO 500' FROM RW 17R-35L" PROJECT
TW A3 LONGITUDINAL GRADE AT RW 17R/35L	±1.5%	1.81%	TO BE ADRESSED IN "REALIGNMENT OF TW "A" TO 500' FROM RW 17R-35L" PROJECT
TW A4 LONGITUDINAL GRADE AT RW 17R/35L	±1.5%	2.21%	TO BE ADRESSED IN "REALIGNMENT OF TW "A" TO 500' FROM RW 17R-35L" PROJECT
TW A4 LONGITUDINAL GRADE BREAK	MINIMUM VERTICAL CURVE LENGTH OF 100' FOR EACH 1% OF GRADE CHANGE	GRADE BREAK AT THE RW EDGE OF 0.71% WITHOUT A VERTICAL CURVE	TO BE ADRESSED IN "REALIGNMENT OF TW "A" TO 500' FROM RW 17R-35L" PROJECT
TW H TRANSVERSE GRADIENT BETWEEN TW M AND TW E (BETWEEN STA. 159+00 AND STA. 176+00)	CROWNED PAVEMENT SECTION WITH 1% TO 1.5% CROSS SLOPE	TRANSVERSE PAVEMENT SECTION WITH 1.5% CROSS SLOPE	CONDITIONS TO BE RE-ASSESSED AT THE TIME OF NEXT REHABILITATION
TW E1,E7, AND E8 TRANSVERSE GRADIENT	CROWNED PAVEMENT SECTION WITH 1% TO 1.5% CROSS SLOPE	TRANSVERSE PAVEMENT SECTION WITH CROSS SLOPE	CONDITIONS TO BE RE-ASSESSED AT THE TIME OF NEXT REHABILITATION
RW 17L/35R AND TW E CONNECTORS LIGHTING	COUNTERPOISE SHALL NOT BE CONNECTED TO LIGHT FIXTURE BASE CAN OR MOUNTING STAKE, EXCEPT FOR ON FIXTURE BASES OF RW TDZ LIGHTS, RW CL LIGHTS INSTALLED IN RIGID PAVEMENT. A SAFTEY GROUND MUST BE INSTALLED AT EACH LIGHT FIXTURE	COUNTERPOISE CONNECTED TO EACH LIGHT FIXTURE BASE CAN FOR ALL LIGHTS. NO SAFETY GROUND WIRE INSTALLED	CONDITIONS TO BE RE-ASSESSED AT THE TIME OF NEXT REHABILITATION

TAXIWAY AND TAXILANE DATA TABLE

ITEM	EXISTING	FUTURE
TAXIWAY DESIGN GROUP (TDG)	5	SAME
AIRPLANE DESIGN GROUP (ADG)	IV	SAME
TAXIWAY WIDTH STANDARD/ACTUAL (FT)	75/75	SAME
TAXIWAY SAFETY AREA (TSA) WIDTH (FT)	171	SAME
TAXIWAY OBJECT FREE AREA (TOFA) WIDTH (FT)	259	SAME
TAXIWAY CENTERLINE TO FIXED OR MOVEABLE OBJECT (FT)	129.5	SAME
TAXIWAY LIGHTING	MITL	SAME

NOTES

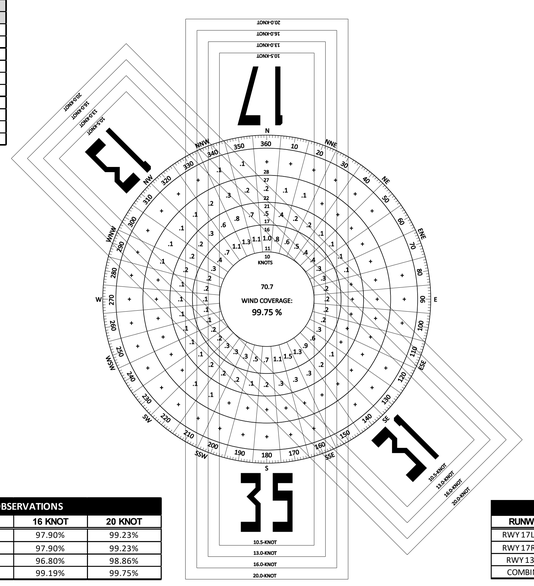
1. ALL HORIZONTAL COORDINATES - NAD83/2011.
2. ALL VERTICAL ELEVATIONS - NAVD88 AND MEAN SEA LEVEL (MSL).
3. ULTIMATE RUNWAY END ELEVATIONS ARE ESTIMATED.
4. NO PENETRATIONS IN THRESHOLD SITING SURFACES (E).
5. ANY OBJECTS WITHIN THE ULTIMATE TSA OR TOFA ARE TO BE REMOVED.
6. RUNWAY OPTIONS 1 AND 2 ARE ALTERNATIVES TO RESOLVE HOT SPOT #1 AND REQUIRE FURTHER STUDY.

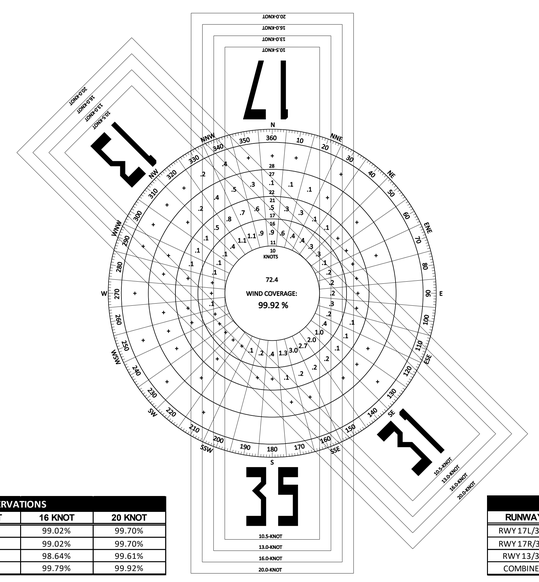
SOURCES

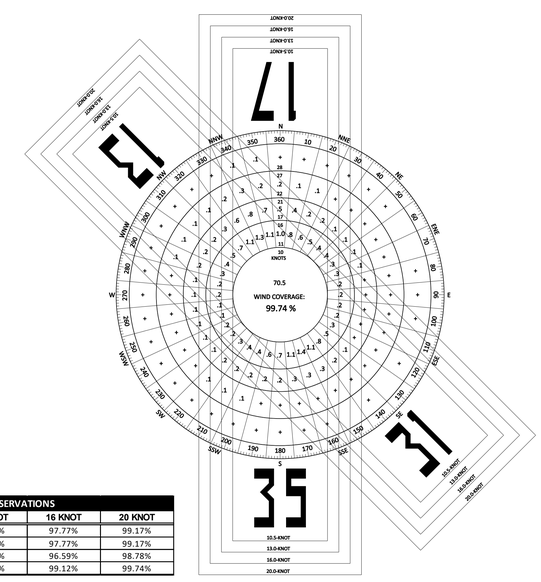
1. WIND DATA – NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, STATION 722060, PERIOD RECORD 2009-2018.
2. MAGNETIC VARIATION - NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) - 08/2020.

DECLARED DISTANCES

	RUNWAY ID	TAKE OFF RUN AVAILABLE (TORA) (FT)	TAKE OFF DISTANCE AVAILABLE (TODA) (FT)	ACCELERATED STOP DISTANCE AVAILABLE (ASDA) (FT)	LANDING DISTANCE AVAILABLE (LDA) (FT)	STOPWAY LENGTH (FT)	CLEARWAY LENGTH (FT)
EXISTING	17L	13,501	13,501	13,501	13,501	N/A	N/A
	35R	13,501	13,501	13,501	13,501	N/A	N/A
	17R	11,022	11,022	11,022	11,022	N/A	N/A
	35L	11,022	11,022	11,022	11,022	N/A	N/A
	13	8,269	8,269	8,269	8,269	N/A	N/A
	31	8,269	8,269	7,913	7,913	N/A	N/A
FUTURE	17L	13,501	13,501	13,501	13,501	N/A	N/A
	35R	13,501	13,501	13,501	13,501	N/A	N/A
	17R OPT 1	11,793	11,793	11,793	11,793	N/A	N/A
	35L OPT 1	11,793	11,793	11,793	11,018	N/A	N/A
	13 OPT 1	8,269	8,269	8,269	8,269	N/A	N/A
	31 OPT 1	8,269	8,269	8,269	7,913	N/A	N/A
	17R OPT 2	13,522	13,522	13,522	13,522	N/A	N/A
	35L OPT 2	13,522	13,522	13,522	12,747	N/A	N/A
	13 OPT 2	7,279	7,279	7,696	7,696	N/A	N/A
	31 OPT 2	7,696	7,696	7,696	6,525	N/A	N/A







ALL WEATHER -98,810 OBSERVATIONS				
RUNWAY	10.5 KNOT	13 KNOT	16 KNOT	20 KNOT
RWY 17L/35R	91.98%	95.42%	97.90%	99.23%
RWY 17R/35L	91.98%	95.42%	97.90%	99.23%
RWY 13/31	88.92%	93.27%	96.80%	98.86%
COMBINED	96.42%	98.12%	99.19%	99.75%

IFR - 10,817 OBSERVATIONS				
RUNWAY	10.5 KNOT	13 KNOT	16 KNOT	20 KNOT
RWY 17L/35R	93.93%	97.10%	99.02%	99.70%
RWY 17R/35L	93.93%	97.10%	99.02%	99.70%
RWY 13/31	93.55%	96.46%	98.64%	99.61%
COMBINED	98.36%	99.37%	99.79%	99.92%

VFR - 88,353 OBSERVATIONS				
RUNWAY	10.5KNOT	13 KNOT	16 KNOT	20 KNOT
RWY 17L/35R	91.77%	95.23%	97.77%	99.17%
RWY 17R/35L	91.77%	95.23%	97.77%	99.17%
RWY 13/31	88.39%	92.91%	96.59%	98.78%
COMBINED	96.19%	97.98%	99.12%	99.74%

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COLORADO SPRINGS AIRPORT

COLORADO SPRINGS AIRPORT (COS) COLORADO SPRINGS, CO

DES: K.D.
DR: K.D.
CH: T.D.
APP: T.D.

ISSUE RECORD

NO.	BY	DATE	DESCRIPTION

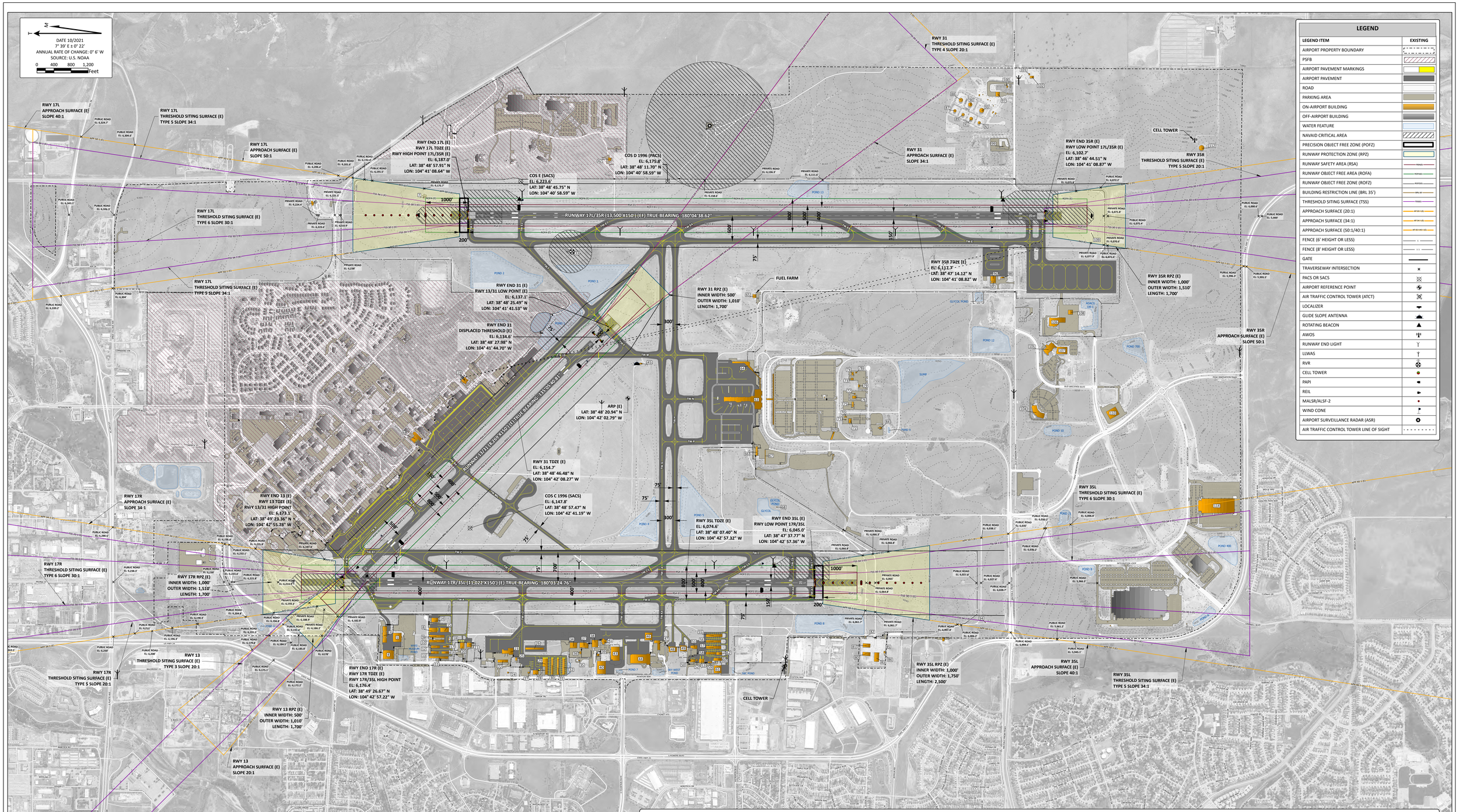
2022 AIRPORT LAYOUT PLAN

AIRPORT DATA SHEET

AIP PROJECT NUMBER: 3-08-0010-071-2021

JVIATION PROJ. NO. 2020.COS.01

DATE: DECEMBER 2022



LEGEND

LEGEND ITEM	EXISTING
AIRPORT PROPERTY BOUNDARY	
PSFB	
AIRPORT PAVEMENT MARKINGS	
AIRPORT PAVEMENT	
ROAD	
PARKING AREA	
ON-AIRPORT BUILDING	
OFF-AIRPORT BUILDING	
WATER FEATURE	
NAVAID CRITICAL AREA	
PRECISION OBJECT FREE ZONE (POFZ)	
RUNWAY PROTECTION ZONE (RPZ)	
RUNWAY SAFETY AREA (RSA)	
RUNWAY OBJECT FREE AREA (ROFA)	
RUNWAY OBJECT FREE ZONE (ROFZ)	
BUILDING RESTRICTION LINE (BRL 35')	
THRESHOLD SITING SURFACE (TSS)	
APPROACH SURFACE (20:1)	
APPROACH SURFACE (34:1)	
APPROACH SURFACE (50:1/40:1)	
FENCE (6' HEIGHT OR LESS)	
FENCE (8' HEIGHT OR LESS)	
GATE	
TRAVERSEWAY INTERSECTION	
PACS OR SACS	
AIRPORT REFERENCE POINT	
AIR TRAFFIC CONTROL TOWER (ATCT)	
LOCALIZER	
GLIDE SLOPE ANTENNA	
ROTATING BEACON	
AWOS	
RUNWAY END LIGHT	
LLWAS	
RVR	
CELL TOWER	
PAPI	
REIL	
MALSR/ALSF-2	
WIND CONE	
AIRPORT SURVEILLANCE RADAR (ASR)	
AIR TRAFFIC CONTROL TOWER LINE OF SIGHT	

EXISTING AIRPORT FACILITIES LIST

BUILDINGID	DESCRIPTION	HIGHEST ELEVATION (MSL)
1	ARFF TRAINING AREA	6203.0'
2	PETERSON AFB EAST GATE	6243.8'
3	NATIONAL MUSEUM OF WW II AVIATION HANGAR	6188.6'
4	NATIONAL MUSEUM OF WW II AVIATION HANGAR	6206.2'
5	NATIONAL MUSEUM OF WWI AVIATION HANGAR	6206.5'
6	AIRCRAFT RESCUE AND FIRE FIGHTING	6209.7'
7	LOCALIZER BUILDING	6178.2'
8	COS OWNERS ASSOCIATION HANGARS	6181.9'
9	COS OWNERS ASSOCIATION HANGAR	6166.0'
10	COS OWNERS ASSOCIATION HANGARS	6157.1'
11	COS OWNERS ASSOCIATION OFFICE/HANGARS	6153.0'
12	COS OWNERS ASSOCIATION HANGARS	6156.1'
13	COS OWNERS ASSOCIATION HANGARS	6152.3'
14	COS OWNERS ASSOCIATION HANGAR	6177.5'
15	COS OWNERS ASSOCIATION HANGARS	6180.4'
16	COS OWNERS ASSOCIATION HANGARS	6152.6'
17	COS OWNERS ASSOCIATION HANGARS	6151.1'
18	COS OWNERS ASSOCIATION FUEL FARM	6131.5'
19	AIRPORT TRAFFIC CONTROL TOWER	6327.9'
20	COLORADO SPRINGS POLICE HANGAR	6153.5'
21	JC AVIATION CORPORATE HANGAR	6153.8'
22	FEDEX CARGO FACILITY	6136.2'
23	FEDEX CARGO FACILITY	6143.6'
24	FORMER RENTAL CAR SERVICE CENTER	6119.3'
25	COLORADO DIVISION OF WILDLIFE HANGAR	6126.7'
26	JET CENTER T-HANGARS	6124.1'
27	FORMER RENTAL CAR SERVICE CENTER	6115.2'
28	FIVE STAR AVIATION OFFICE/HANGAR	6128.2'
29	FIVE STAR AVIATION HANGARS	6125.2'
30	FIVE STAR AVIATION HANGARS	6113.7'
31	FIVE STAR AVIATION HANGARS	6112.9'
32	FIVE STAR AVIATION HANGARS	6114.5'
33	ASOS	6195.4'
34	COLORADO JET CENTER HANGAR	6140.4'
35	PUMP HOUSE	6101.3'
36	FUEL FARM	6112.1'
37	COLORADO JET CENTER EXECUTIVE TERMINAL/HANGAR	6119.5'
38	CUTTER HANGAR	6145.7'
39	CUTTER FUEL FARM	6084.2'
40	ARG HANGAR	6156.3'
41	CUTTER EXECUTIVE TERMINAL	6121.1'
42	AIRCRAFT RESCUE AND FIREFIGHTING	6207.3'
43	SNC HANGAR	6152.4'
44	SKYWEST MAINTENANCE FACILITY	6139.8'
45	ELECTRICAL VAULT	6134.4'
46	TKC HANGAR	6124.1'
47	SIERRA NEVADA CORPORATION	6090.0'
48	CORDILLERA CORPORATION HANGAR	6106.7'
49	J.H.W. HANGAR	6107.1'
50	J.H.W. HANGARS	6079.2'
51	J.H.W. OFFICE/HANGAR	6081.0'
52	J.H.W. FUEL FARM	6054.8'
53	J.H.W. EXECUTIVE TERMINAL/HANGAR	6084.8'
54	ASR-8	6201.2'
55	J.H.W. HANGARS	6075.8'
56	J.H.W. HANGARS	6072.0'
57	J.H.W. HANGARS	6077.1'
58	J.H.W. HANGARS	6070.9'
59	J.H.W. OFFICE BUILDING	6077.8'
60	J.H.W. HANGARS	6079.6'
61	BROADSTONE HANGAR	6108.9'
62	J.H.W. HANGARS	6080.6'
63	PASSENGER TERMINAL BUILDING	6180.9'
64	EAST TERMINAL UNIT	6149.3'
65	COLORADO JET CENTER FUEL FARM	6127.8'
66	BELLY CARGO BUILDING	6136.1'
67	PARKING STRUCTURE	6115.0'
68	GLYCOL PRETREATMENT FACILITY	6083.6'
69	TOLL PLAZA	6115.4'
70	HERTZ RENTAL CAR SERVICE CENTER	6112.9'
71	HERTZ WASHRACK	6107.8'
72	HERTZ RENTAL CAR SERVICE CENTER	6110.4'
73	ALAMO/NATIONAL RENTAL CAR SERVICE CENTER	6107.4'
74	ALAMO/NATIONAL RENTAL CAR SERVICE CENTER	6113.1'
75	AVIS/BUDGET RENTAL CAR SERVICE CENTER	6106.1'
76	VACANT RENTAL CAR SERVICE CENTER	6102.2'
77	VACANT RENTAL CAR SERVICE CENTER	6101.9'
78	ALAMO/NATIONAL RENTAL CAR SERVICE CENTER	6103.5'
79	ENTERPRISE RENTAL CAR SERVICE CENTER	6104.9'
80	AIRPORT MAINTENANCE FACILITY	6066.4'
81	AIRPORT MAINTENANCE FACILITY	6075.4'
82	AIRPORT LAVATORY BAY	6055.0'
83	AIRPORT STORAGE BUILDING	6063.9'
84	VACANT RENTAL CAR SERVICE CENTER	6091.6'
85	AIRPORT MAINTENANCE FACILITY	6071.8'
86	AIRPORT EMERGENCY COMS TOWER	6104.0'
87	NUSTAR LOGISTICS FUEL TANKS	6037.2'
88	NUSTAR LOGISTICS FUEL TANKS	6029.9'
89	NUSTAR LOGISTICS FUEL TANKS	6036.7'
90	NUSTAR LOGISTICS FUEL TANKS	6028.9'
91	NUSTAR LOGISTICS FUEL TANKS	6036.8'
92	NUSTAR LOGISTICS FUEL TANKS	6034.4'
93	NUSTAR LOGISTICS FUEL TANKS	6025.1'
94	DRENNAN LIFT STATION	6005.0'
95	US FOREST SERVICE AIRTANKER BASE	6134.0'
96	US FOREST SERVICE AIRTANKER BASE	6134.0'
97	NUSTAR FUEL SUPPORT BUILDING	5980.8'
98	US FOREST SERVICE AIRTANKER BASE	6134.0'
99	PUBLIC WORKS MATERIAL HANDLING FACILITY	6043.0'
100	NUSTAR FUEL SUPPORT BUILDING	5966.3'
101	COLORADO INTERSTATE GAS	5945.1'
102	COLORADO INTERSTATE GAS	5958.2'
103	ELECTRICAL SUBSTATION	6089.7'
104	NORTHROP GRUMMAN OFFICE	6110.5'
105	AEROSPACE CORPORATION OFFICE	6115.5'
106	A/DACG FACILITY	6103.7'
107	AEROSPACE CORPORATION OFFICE	6115.5'
108	A/DACG FACILITY	6094.0'
109	LOCALIZER BUILDING	6074.1'
110	FLYWHEEL MULTI-BUILDING OFFICE DEVELOPMENT	6066.6'
112	WATER TANK	6041.4'
113	GRINNELL LIFT STATION	5936.2'
114	AMAZON SORTING FACILITY	6032.2'

SOURCES

* THE SITE PLAN AND LINE WORK IS BASED ON THE PLANIMETRIC MAPPING INFORMATION COMPILED BY WOOLPERT, INC. 2022

NOTES

1. EXISTING CONDITIONS SHOWN AS (E). FUTURE CONDITIONS SHOW ON SHEET 4
2. ALL HORIZONTAL COORDINATES - NAD83/2011
3. ALL VERTICAL COORDINATES - NAVD88
4. ALL ROAD ELEVATIONS INCLUDE TRAVERSEWAY ADJUSTMENTS OF 23' FOR RAILWAYS, 17' FOR INTERSTATE HIGHWAYS, 15' FOR OTHER PUBLIC ROADS AND 10' FOR PRIVATE ROADS

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COLORADO SPRINGS AIRPORT

COLORADO SPRINGS AIRPORT (COS) COLORADO SPRINGS, CO

DES: K.D.
DR: K.D.
CH: T.D.
APP: T.D.

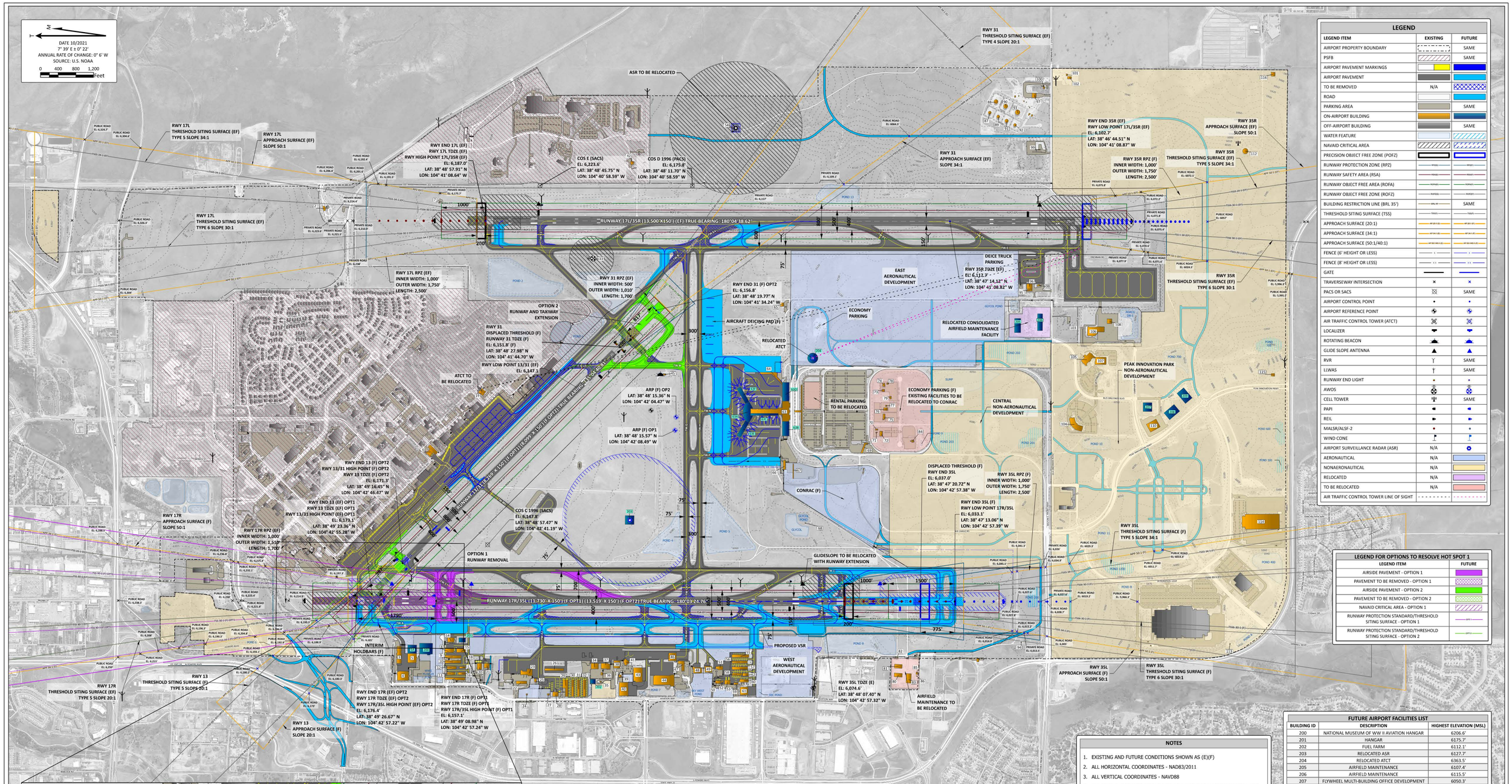
ISSUE RECORD

NO.	BY	DATE	DESCRIPTION

2022 AIRPORT LAYOUT PLAN

EXISTING AIRPORT LAYOUT PLAN DRAWING

AIP PROJECT NUMBER: 3-08-0010-071-2021
JVIATION PROJ. NO. 2020.COS.01
DATE: JANUARY 2023



LEGEND

LEGEND ITEM	EXISTING	FUTURE
AIRPORT PROPERTY BOUNDARY		SAME
PSFB		SAME
AIRPORT PAVEMENT MARKINGS		
AIRPORT PAVEMENT		
TO BE REMOVED	N/A	
ROAD		
PARKING AREA		SAME
ON-AIRPORT BUILDING		
OFF-AIRPORT BUILDING		SAME
WATER FEATURE		
NAVAID CRITICAL AREA		
PRECISION OBJECT FREE ZONE (POFZ)		
RUNWAY PROTECTION ZONE (RPZ)	RPZ(E)	RPZ(F)
RUNWAY SAFETY AREA (RSA)	RSA(E)	RSA(F)
RUNWAY OBJECT FREE AREA (ROFA)	ROFA(E)	ROFA(F)
RUNWAY OBJECT FREE ZONE (ROFZ)	ROFZ(E)	ROFZ(F)
BUILDING RESTRICTION LINE (BRL 35')	BRL 35'	SAME
THRESHOLD SITING SURFACE (TSS)	TSS(E)	TSS(F)
APPROACH SURFACE (20:1)	AP 20:1(E)	AP 20:1 (F)
APPROACH SURFACE (34:1)	AP 34:1 (E)	AP 34:1 (F)
APPROACH SURFACE (50:1/40:1)	AP 50:1/40:1 (E)	AP 50:1/40:1 (F)
FENCE (6' HEIGHT OR LESS)	6	6
FENCE (8' HEIGHT OR LESS)	8	8
GATE		
TRAVERSEWAY INTERSECTION		
PACS OR SACS		SAME
AIRPORT CONTROL POINT		
AIRPORT REFERENCE POINT		
AIR TRAFFIC CONTROL TOWER (ATCT)		
LOCALIZER		
ROTATING BEACON		
GLIDE SLOPE ANTENNA		
RVR		SAME
LLWAS		SAME
RUNWAY END LIGHT		
AWOS		
CELL TOWER		SAME
PAPI		
REIL		
MALSR/ALSF-2		
WIND CONE		
AIRPORT SURVEILLANCE RADAR (ASR)	N/A	
AERONAUTICAL	N/A	
NONAERONAUTICAL	N/A	
RELOCATED	N/A	
TO BE RELOCATED	N/A	
AIR TRAFFIC CONTROL TOWER LINE OF SIGHT		

LEGEND FOR OPTIONS TO RESOLVE HOT SPOT 1

LEGEND ITEM	FUTURE
AIRSIDE PAVEMENT - OPTION 1	
PAVEMENT TO BE REMOVED - OPTION 1	
AIRSIDE PAVEMENT - OPTION 2	
PAVEMENT TO BE REMOVED - OPTION 2	
NAVAID CRITICAL AREA - OPTION 1	
RUNWAY PROTECTION STANDARD/THRESHOLD SITING SURFACE - OPTION 1	OPT 1
RUNWAY PROTECTION STANDARD/THRESHOLD SITING SURFACE - OPTION 2	OPT 2

FUTURE AIRPORT FACILITIES LIST

BUILDING ID	DESCRIPTION	HIGHEST ELEVATION (MSL)
200	NATIONAL MUSEUM OF WW II AVIATION HANGAR	6206.6'
201	HANGAR	6175.7'
202	FUEL FARM	6112.1'
203	RELOCATED ASR	6127.7'
204	RELOCATED ATCT	6363.5'
205	AIRFIELD MAINTENANCE	6107.4'
206	AIRFIELD MAINTENANCE	6115.5'
207	FLYWHEEL MULTI-BUILDING OFFICE DEVELOPMENT	6050.3'
208	FLYWHEEL MULTI-BUILDING OFFICE DEVELOPMENT	6044.2'
209	FLYWHEEL MULTI-BUILDING OFFICE DEVELOPMENT	6040.2'
5A	NATIONAL MUSEUM OF WWII AVIATION HANGAR	6206.5'
63A	TERMINAL	6180.9'
63B	TERMINAL	6180.9'
63C	TERMINAL	6180.9'

NOTES

1. EXISTING AND FUTURE CONDITIONS SHOWN AS (E)(F)
2. ALL HORIZONTAL COORDINATES - NAD83/2011
3. ALL VERTICAL COORDINATES - NAVD88
4. ALL ROAD ELEVATIONS INCLUDE TRAVERSEWAY ADJUSTMENTS OF 23' FOR RAILWAYS, 17' FOR INTERSTATE HIGHWAYS, 15' FOR OTHER PUBLIC ROADS AND 10' FOR PRIVATE ROADS
5. DRAWING DEPICTS ALTERNATIVE OPTIONS TO RESOLVE HOT SPOT 1, OPTION 1 BEING THE RELOCATION OF RUNWAY END 17R, OPTION 2 BEING THE RELOCATION OF RUNWAY END 13

SOURCES

* THE SITE PLAN AND LINE WORK IS BASED ON THE PLANIMETRIC MAPPING INFORMATION COMPILED BY WOOLPERT, INC. 2022

SPONSOR APPROVAL

Gregory S. Phillips, AAE
Gregory S. Phillips, AAE (Jun 21, 2023 15:00 MDT)
NAME

Director of Aviation
TITLE

Jun 21, 2023
DATED

FAA CONDITIONAL APPROVAL

July 17, 2023
SUBJECT TO LETTER DATED

John P Bauer
John P Bauer (Jul 17, 2023 13:12 MDT)

FEDERAL AVIATION ADMINISTRATION
DENVER AIRPORT DISTRICT OFFICE

Jul 17, 2023
DATED

2023-ANM-920-NRA
CASE NO

EXISTING AIRPORT FACILITIES LIST

UILDINGI	DESCRIPTION	HIGHEST ELEVATION (MSL)	UILDINGI	DESCRIPTION	HIGHEST ELEVATION (MSL)	UILDINGI	DESCRIPTION	HIGHEST ELEVATION (MSL)	UILDINGI	DESCRIPTION	HIGHEST ELEVATION (MSL)
1	ARFF TRAINING AREA	6203.0'	30	FIVE STAR AVIATION HANGARS	6113.7'	59	J.H.W. OFFICE BUILDING	6077.8'	88	NUSTAR LOGISTICS FUEL TANKS	6029.9'
2	PETERSON AFB EAST GATE	6243.8'	31	FIVE STAR AVIATION HANGARS	6112.9'	60	J.H.W. HANGARS	6079.6'	89	NUSTAR LOGISTICS FUEL TANKS	6036.7'
3	NATIONAL MUSEUM OF WW II AVIATION HANGAR	6188.6'	32	FIVE STAR AVIATION HANGARS	6114.5'	61	BROADSTONE HANGAR	6108.9'	90	NUSTAR LOGISTICS FUEL TANKS	6028.9'
4	NATIONAL MUSEUM OF WW II AVIATION HANGAR	6206.2'	33	ASOS	6195.4'	62	J.H.W. HANGARS	6080.6'	91	NUSTAR LOGISTICS FUEL TANKS	6036.8'
5	NATIONAL MUSEUM OF WWII AVIATION HANGAR	6206.5'	34	COLORADO JET CENTER HANGAR	6140.4'	63	PASSENGER TERMINAL BUILDING	6180.9'	92	NUSTAR LOGISTICS FUEL TANKS	6034.4'
6	AIRCRAFT RESCUE AND FIRE FIGHTING	6209.7'	35	PUMP HOUSE	6101.3'	64	EAST TERMINAL UNIT	6149.3'	93	NUSTAR LOGISTICS FUEL TANKS	6025.1'
7	LOCALIZER BUILDING	6178.2'	36	FUEL FARM	6112.1'	65	COLORADO JET CENTER FUEL FARM	6127.8'	94	DRENNAN LIFT STATION	6005.0'
8	COS OWNERS ASSOCIATION HANGARS	6181.9'	37	COLORADO JET CENTER EXECUTIVE TERMINAL/HANGAR	6119.5'	66	BELLY CARGO BUILDING	6136.1'	95	US FOREST SERVICE AIRTANKER BASE	6134.0'
9	COS OWNERS ASSOCIATION HANGAR	6166.0'	38	CUTTER HANGAR	6145.7'	67	PARKING STRUCTURE	6115.0'	96	US FOREST SERVICE AIRTANKER BASE	6134.0'
10	COS OWNERS ASSOCIATION HANGARS	6157.1'	39	CUTTER FUEL FARM	6084.2'	68	GLYCOL PRETREATMENT FACILITY	6083.6'	97	NUSTAR FUEL SUPPORT BUILDING	5980.8'
11	COS OWNERS ASSOCIATION OFFICE/HANGARS	6153.0'	40	ARG HANGAR	6156.3'	69	TOLL PLAZA	6115.4'	98	US FOREST SERVICE AIRTANKER BASE	6134.0'
12	COS OWNERS ASSOCIATION HANGARS	6156.1'	41	CUTTER EXECUTIVE TERMINAL	6121.1'	70	HERTZ RENTAL CAR SERVICE CENTER	6112.9'	99	PUBLIC WORKS MATERIAL HANDLING FACILITY	6043.0'
13	COS OWNERS ASSOCIATION HANGARS	6152.3'	42	AIRCRAFT RESCUE AND FIREFIGHTING	6207.3'	71	HERTZ WASHRACK	6107.8'	100	NUSTAR FUEL SUPPORT BUILDING	5966.3'
14	COS OWNERS ASSOCIATION HANGAR	6177.5'	43	SNC HANGAR	6152.4'	72	HERTZ RENTAL CAR SERVICE CENTER	6110.4'	101	COLORADO INTERSTATE GAS	5945.1'
15	COS OWNERS ASSOCIATION HANGARS	6180.4'	44	SKYWEST MAINTENANCE FACILITY	6139.8'	73	ALAMO/NATIONAL RENTAL CAR SERVICE CENTER	6107.4'	102	COLORADO INTERSTATE GAS	5958.2'
16	COS OWNERS ASSOCIATION HANGARS	6152.6'	45	ELECTRICAL VAULT	6134.4'	74	ALAMO/NATIONAL RENTAL CAR SERVICE CENTER	6113.1'	103	ELECTRICAL SUBSTATION	6089.7'
17	COS OWNERS ASSOCIATION HANGARS	6151.1'	46	TKC HANGAR	6124.1'	75	AVIS/BUDGET RENTAL CAR SERVICE CENTER	6106.1'	104	NORTHROP GRUMMAN OFFICE	6110.5'
18	COS OWNERS ASSOCIATION FUEL FARM	6131.5'	47	SIERRA NEVADA CORPORATION	6090.0'	76	VACANT RENTAL CAR SERVICE CENTER	6102.2'	105	AEROSPACE CORPORATION OFFICE	6115.5'
19	AIRPORT TRAFFIC CONTROL TOWER	6327.9'	48	CORDILLERA CORPORATION HANGAR	6106.7'	77	VACANT RENTAL CAR SERVICE CENTER	6101.9'	106	A/DACG FACILITY	6103.7'
20	COLORADO SPRINGS POLICE HANGAR	6153.5'	49	J.H.W. HANGAR	6107.1'	78	ALAMO/NATIONAL RENTAL CAR SERVICE CENTER	6103.5'	107	AEROSPACE CORPORATION OFFICE	6115.5'
21	JC AVIATION CORPORATE HANGAR	6153.8'	50	J.H.W. HANGARS	6079.2'	79	ENTERPRISE RENTAL CAR SERVICE CENTER	6104.9'	108	A/DACG FACILITY	6094.0'
22	FEDEX CARGO FACILITY	6136.2'	51	J.H.W. OFFICE/HANGAR	6081.0'	80	AIRPORT MAINTENANCE FACILITY	6066.4'	109	LOCALIZER BUILDING	6074.1'
23	FEDEX CARGO FACILITY	6143.6'	52	J.H.W. FUEL FARM	6054.8'	81	AIRPORT MAINTENANCE FACILITY	6075.4'	110	FLYWHEEL MUTI-BUILDING OFFICE DEVELOPMENT	6066.6'
24	FORMER RENTAL CAR SERVICE CENTER	6119.3'	53	J.H.W. EXECUTIVE TERMINAL/HANGAR	6084.8'	82	AIRPORT LAVATORY BAY	6055.0'	112	WATER TANK	6041.4'
25	COLORADO DIVISION OF WILDLIFE HANGAR	6126.7'	54	ASR-8	6201.2'	83	AIRPORT STORAGE BUILDING	6063.9'	113	GRINNELL LIFT STATION	5936.2'
26	JET CENTER T-HANGARS	6124.1'	55	J.H.W. HANGARS	6075.8'	84	VACANT RENTAL CAR SERVICE CENTER	6091.6'	114	AMAZON SORTING FACILITY	6032.2'
27	FORMER RENTAL CAR SERVICE CENTER	6115.2'	56	J.H.W. HANGARS	6072.0'	85	AIRPORT MAINTENANCE FACILITY	6071.8'	115	PEAK LIFT STATION	5916.2'
28	FIVE STAR AVIATION OFFICE/HANGAR	6128.2'	57	J.H.W. HANGARS	6077.1'	86	AIRPORT EMERGENCY COMS TOWER	6104.0'	116	BRADLEY LIFT STATION	5898.6'
29	FIVE STAR AVIATION HANGARS	6125.2'	58	J.H.W. HANGARS	6070.9'	87	NUSTAR LOGISTICS FUEL TANKS	6037.2'			

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COLORADO SPRINGS AIRPORT

COLORADO SPRINGS AIRPORT (COS) COLORADO SPRINGS, CO

DES: K.D.
DR: K.D.
CH: T.D.
APP: T.D.

ISSUE RECORD

NO.	BY	DATE	DESCRIPTION

2022 AIRPORT LAYOUT PLAN

FUTURE AIRPORT LAYOUT PLAN DRAWING

AIP PROJECT NUMBER: 3-08-0010-071-2021
JVIATION PROJ. NO. 2020.COS.01
DATE: JANUARY 2023

RWY 31 RPZ (EF)
INNER WIDTH: 500'
OUTER WIDTH: 1,010'
LENGTH: 1,700'

AIRCRAFT DEICING PAD (F)

FENCE TO BE REMOVED (F)

BUILDING 002
TO BE REMOVED

FUTURE FENCE

ECONOMY
PARKING (F)

RELOCATED ATCT (F)

CELL PHONE LOT/TAXI
STAGING AREA

EAST
AERONAUTICAL
DEVELOPMENT

GLYCOL POND

RELOCATED
CONSOLIDATED AIRFIELD
MAINTENANCE FACILITY (F)

POND 202

SUMP

MILTON E PROBY PKWY

OLD DRENNAN RD

RENTAL CAR SERVICE ROAD

RENTAL PARKING
TO BE RELOCATED TO CONRAC (F)

AUTO PARKING

ECONOMY
PARKING (F)

DEPARTURE ROADWAY

ARRIVAL ROADWAY

TWY M

TWY N

TWY G

TWY P

FENCE
TO BE REMOVED

FLIGHT CREW
PARKING

OVERFLOW PARKING
TO BE REMOVED

CONRAC (F)

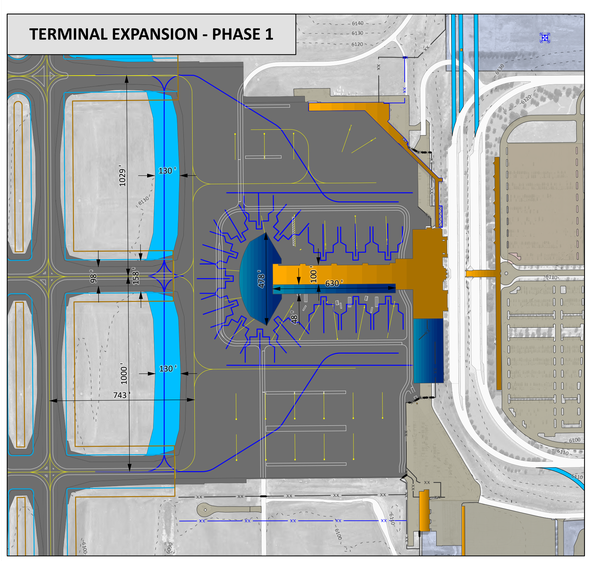
PEAK
INNOVATION PARK (F)

PEAK INNOVATIONS PARKWAY

GLYCOL

GLYCOL
POND

TERMINAL EXPANSION - PHASE 1



DATE 10/2021
7° 39' E ± 0° 22'
ANNUAL RATE OF CHANGE: 0° 6' W
SOURCE: U.S. NOAA
0 100 200 300 400 Feet

SOURCES

* THE SITE PLAN AND LINE WORK IS BASED ON THE PLANIMETRIC MAPPING INFORMATION COMPILED BY WOOLPERT, INC. 2022

NOTES

1. EXISTING AND FUTURE CONDITIONS SHOWN AS (E)(F)
2. ALL HORIZONTAL COORDINATES - NAD83/2011
3. ALL VERTICAL COORDINATES - NAVD88

FUTURE AIRPORT FACILITIES LIST

BUILDING ID	DESCRIPTION	HIGHEST ELEVATION (MSL)
204	RELOCATED ATCT	6363.5'
205	AIRFIELD MAINTENANCE	6107.4'
206	AIRFIELD MAINTENANCE	6115.5'
63A	TERMINAL	6180.9'
63B	TERMINAL	6180.9'
63C	TERMINAL	6180.9'
63D	TERMINAL	6180.9'
63E	TERMINAL	6180.9'
63F	TERMINAL	6180.9'

EXISTING AIRPORT FACILITIES LIST

BUILDING ID	DESCRIPTION	HIGHEST ELEVATION (MSL)
63	PASSENGER TERMINAL BUILDING	6180.9'
64	EAST TERMINAL UNIT	6149.3'
65	COLORADO JET CENTER FUEL FARM	6127.8'
66	BELLY CARGO BUILDING	6136.1'
67	PARKING STRUCTURE	6115.0'
68	GLYCOL PRETREATMENT FACILITY	6083.6'
69	TOLL PLAZA	6115.4'
70	HERTZ RENTAL CAR SERVICE CENTER	6112.9'
71	HERTZ WASHRACK	6107.8'
72	HERTZ RENTAL CAR SERVICE CENTER	6110.4'
73	ALAMO/NATIONAL RENTAL CAR SERVICE CENTER	6107.4'
74	ALAMO/NATIONAL RENTAL CAR SERVICE CENTER	6113.1'
75	AVIS/BUDGET RENTAL CAR SERVICE CENTER	6106.1'

LEGEND

LEGEND ITEM	EXISTING	FUTURE
AIRPORT PROPERTY BOUNDARY		SAME
AIRPORT PAVEMENT MARKINGS		
AIRPORT PAVEMENT		
TO BE REMOVED	N/A	
ROAD		
PARKING AREA		SAME
ON-AIRPORT BUILDING		
WATER FEATURE		SAME
TAXIWAY SAFETY AREA (TSA)	TSA(E)	TSA(F)
TAXIWAY OBJECT FREE AREA (TOFA)	TOFA(E)	TOFA(F)
TAXIWAY EDGE SAFETY MARGIN (TESM)	TESM(E)	TESM(F)
FENCE (8' HEIGHT OR LESS)	x x	x x
AIR TRAFFIC CONTROL TOWER (ATCT)	N/A	
AERONAUTICAL	N/A	
NONAERONAUTICAL	N/A	
RELOCATED	N/A	
TO BE RELOCATED	N/A	

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COLORADO SPRINGS AIRPORT

COLORADO SPRINGS
AIRPORT
(COS)
COLORADO SPRINGS, CO

DES: K.D.
DR: K.D.
CH: T.D.
APP: T.D.

ISSUE RECORD

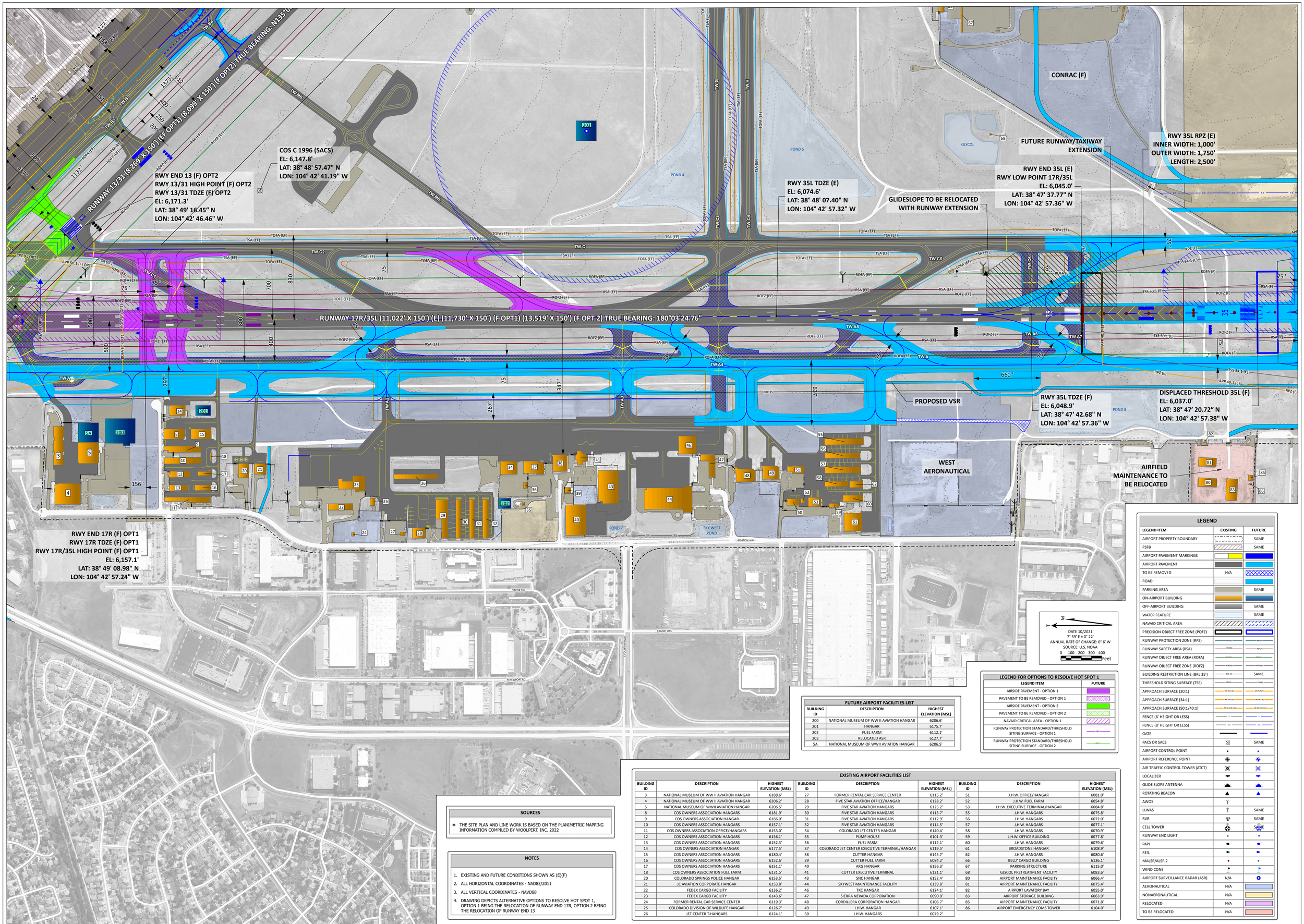
NO.	BY	DATE	DESCRIPTION

2022 AIRPORT LAYOUT PLAN

TERMINAL BUILDING
AREA PLAN

AIP PROJECT NUMBER: 3-08-0010-071-2021
JVIATION PROJ. NO. 2020.COS.01
DATE: JANUARY 2023

SHEET NO.
5 of 18



FUTURE AIRPORT FACILITIES LIST		
BUILDING ID	DESCRIPTION	HIGHEST ELEVATION (MSL)
200	NATIONAL MUSEUM OF WW II AVIATION HANGAR	6206.6'
201	HANGAR	6175.7'
202	FUEL FARM	6112.1'
203	RELOCATED ASR	6127.7'
5A	NATIONAL MUSEUM OF WWII AVIATION HANGAR	6206.5'

LEGEND FOR OPTIONS TO RESOLVE HOT SPOT 1	
LEGEND ITEM	FUTURE
AIRSIDE PAVEMENT - OPTION 1	
PAVEMENT TO BE REMOVED - OPTION 1	
AIRSIDE PAVEMENT - OPTION 2	
PAVEMENT TO BE REMOVED - OPTION 2	
NAVAID CRITICAL AREA - OPTION 1	
RUNWAY PROTECTION STANDARD/THRESHOLD SITING SURFACE - OPTION 1	OPT 1
RUNWAY PROTECTION STANDARD/THRESHOLD SITING SURFACE - OPTION 2	OPT 2

EXISTING AIRPORT FACILITIES LIST								
BUILDING ID	DESCRIPTION	HIGHEST ELEVATION (MSL)	BUILDING ID	DESCRIPTION	HIGHEST ELEVATION (MSL)	BUILDING ID	DESCRIPTION	HIGHEST ELEVATION (MSL)
3	NATIONAL MUSEUM OF WW II AVIATION HANGAR	6188.6'	27	FORMER RENTAL CAR SERVICE CENTER	6115.2'	51	J.H.W. OFFICE/HANGAR	6081.0'
4	NATIONAL MUSEUM OF WW II AVIATION HANGAR	6206.2'	28	FIVE STAR AVIATION OFFICE/HANGAR	6128.2'	52	J.H.W. FUEL FARM	6054.8'
5	NATIONAL MUSEUM OF WWII AVIATION HANGAR	6206.5'	29	FIVE STAR AVIATION HANGARS	6125.2'	53	J.H.W. EXECUTIVE TERMINAL/HANGAR	6084.8'
8	COS OWNERS ASSOCIATION HANGARS	6181.9'	30	FIVE STAR AVIATION HANGARS	6113.7'	55	J.H.W. HANGARS	6075.8'
9	COS OWNERS ASSOCIATION HANGAR	6166.0'	31	FIVE STAR AVIATION HANGARS	6112.9'	56	J.H.W. HANGARS	6072.0'
10	COS OWNERS ASSOCIATION HANGARS	6157.1'	32	FIVE STAR AVIATION HANGARS	6114.5'	57	J.H.W. HANGARS	6077.1'
11	COS OWNERS ASSOCIATION OFFICE/HANGARS	6153.0'	34	COLORADO JET CENTER HANGAR	6140.4'	58	J.H.W. HANGARS	6070.9'
12	COS OWNERS ASSOCIATION HANGARS	6156.1'	35	PUMP HOUSE	6101.3'	59	J.H.W. OFFICE BUILDING	6077.8'
13	COS OWNERS ASSOCIATION HANGARS	6152.3'	36	FUEL FARM	6112.1'	60	J.H.W. HANGARS	6079.6'
14	COS OWNERS ASSOCIATION HANGAR	6177.5'	37	COLORADO JET CENTER EXECUTIVE TERMINAL/HANGAR	6119.5'	61	BROADSTONE HANGAR	6108.9'
15	COS OWNERS ASSOCIATION HANGARS	6180.4'	38	CUTTER HANGAR	6145.7'	62	J.H.W. HANGARS	6080.6'
16	COS OWNERS ASSOCIATION HANGARS	6152.6'	39	CUTTER FUEL FARM	6084.2'	66	BELLY CARGO BUILDING	6136.1'
17	COS OWNERS ASSOCIATION HANGARS	6151.1'	40	ARG HANGAR	6156.3'	67	PARKING STRUCTURE	6115.0'
18	COS OWNERS ASSOCIATION FUEL FARM	6131.5'	41	CUTTER EXECUTIVE TERMINAL	6121.1'	68	GLYCOL PRETREATMENT FACILITY	6083.6'
20	COLORADO SPRINGS POLICE HANGAR	6153.5'	43	SNC HANGAR	6152.4'	80	AIRPORT MAINTENANCE FACILITY	6066.4'
21	JC AVIATION CORPORATE HANGAR	6153.8'	44	SKYWEST MAINTENANCE FACILITY	6139.8'	81	AIRPORT MAINTENANCE FACILITY	6075.4'
22	FEDEX CARGO FACILITY	6136.2'	46	TKC HANGAR	6124.1'	82	AIRPORT LAVATORY BAY	6055.0'
23	FEDEX CARGO FACILITY	6143.6'	47	SIERRA NEVADA CORPORATION	6090.0'	83	AIRPORT STORAGE BUILDING	6063.9'
24	FORMER RENTAL CAR SERVICE CENTER	6119.3'	48	CORDILLERA CORPORATION HANGAR	6106.7'	85	AIRPORT MAINTENANCE FACILITY	6071.8'
25	COLORADO DIVISION OF WILDLIFE HANGAR	6126.7'	49	J.H.W. HANGAR	6107.1'	86	AIRPORT EMERGENCY COMS TOWER	6104.0'
26	JET CENTER T-HANGARS	6124.1'	50	J.H.W. HANGARS	6079.2'			

LEGEND		
LEGEND ITEM	EXISTING	FUTURE
AIRPORT PROPERTY BOUNDARY		SAME
PSFB		SAME
AIRPORT PAVEMENT MARKINGS		
AIRPORT PAVEMENT		
TO BE REMOVED	N/A	
ROAD		
PARKING AREA		SAME
ON-AIRPORT BUILDING		
OFF-AIRPORT BUILDING		SAME
WATER FEATURE		SAME
NAVAID CRITICAL AREA		
PRECISION OBJECT FREE ZONE (POFZ)		
RUNWAY PROTECTION ZONE (RPZ)	RPZ(E)	RPZ(F)
RUNWAY SAFETY AREA (RSA)	RSA(E)	RSA(F)
RUNWAY OBJECT FREE AREA (ROFA)	ROFA(E)	ROFA(F)
RUNWAY OBJECT FREE ZONE (ROFZ)	ROFZ(E)	ROFZ(F)
BUILDING RESTRICTION LINE (BRL 35')	BRL 35'	SAME
THRESHOLD SITING SURFACE (TSS)	TSS(E)	TSS(F)
APPROACH SURFACE (20:1)	AP 20:1 (E)	AP 20:1 (F)
APPROACH SURFACE (34:1)	AP 34:1 (E)	AP 34:1 (F)
APPROACH SURFACE (50:1/40:1)	AP 50:1/40:1 (E)	AP 50:1/40:1 (F)
FENCE (6' HEIGHT OR LESS)	6	6
FENCE (8' HEIGHT OR LESS)	8 X	8 X
GATE		
PACS OR SACS		SAME
AIRPORT CONTROL POINT		
AIRPORT REFERENCE POINT		
AIR TRAFFIC CONTROL TOWER (ATCT)		
LOCALIZER		
GLIDE SLOPE ANTENNA		
ROTATING BEACON		
AWOS		
LLWAS		SAME
RVR		SAME
CELL TOWER		SAME
RUNWAY END LIGHT		
PAPI		
REIL		
MALSR/ALSF-2		
WIND CONE		
AIRPORT SURVEILLANCE RADAR (ASR)	N/A	
AERONAUTICAL	N/A	
NONAERONAUTICAL	N/A	
RELOCATED	N/A	
TO BE RELOCATED	N/A	

SOURCES

* THE SITE PLAN AND LINE WORK IS BASED ON THE PLANIMETRIC MAPPING INFORMATION COMPILED BY WOOLPERT, INC. 2022

NOTES

1. EXISTING AND FUTURE CONDITIONS SHOWN AS (E)(F)
2. ALL HORIZONTAL COORDINATES - NAD83/2011
3. ALL VERTICAL COORDINATES - NAVD88
4. DRAWING DEPICTS ALTERNATIVE OPTIONS TO RESOLVE HOT SPOT 1, OPTION 1 BEING THE RELOCATION OF RUNWAY END 17R, OPTION 2 BEING THE RELOCATION OF RUNWAY END 13

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COLORADO SPRINGS AIRPORT

COLORADO SPRINGS AIRPORT (COS) COLORADO SPRINGS, CO

DES: K.D.
DR: K.D.
CH: T.D.
APP: T.D.

ISSUE RECORD

NO.	BY	DATE	DESCRIPTION

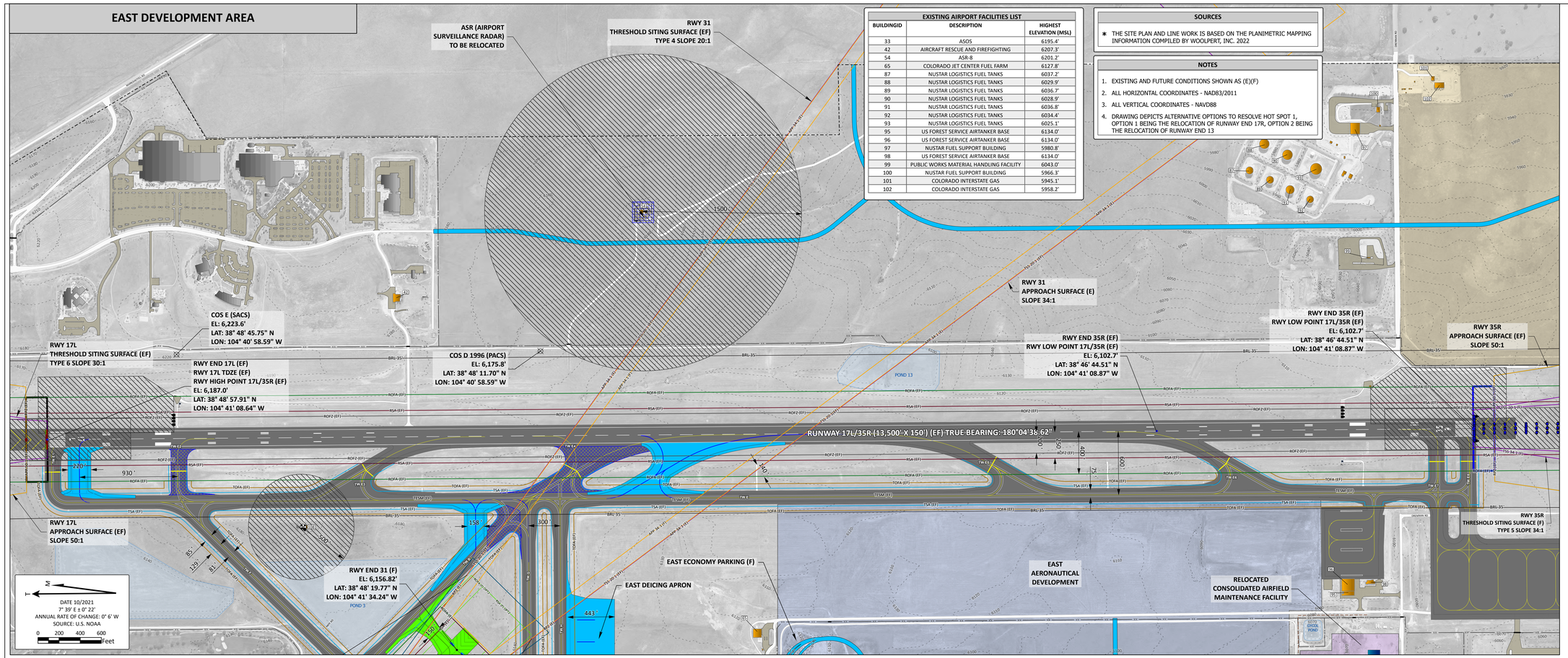
2022 AIRPORT LAYOUT PLAN

WEST DEVELOPMENT AREA PLAN

AIP PROJECT NUMBER: 3-08-0010-071-2021
JVIATION PROJ. NO. 2020.COS.01
DATE: JANUARY 2023

SHEET NO. 6 of 18

EAST DEVELOPMENT AREA



EXISTING AIRPORT FACILITIES LIST		
BUILDINGID	DESCRIPTION	HIGHEST ELEVATION (MSL)
33	ASOS	6195.4'
42	AIRCRAFT RESCUE AND FIREFIGHTING	6207.3'
54	ASR-8	6201.2'
65	COLORADO JET CENTER FUEL FARM	6127.8'
87	NUSTAR LOGISTICS FUEL TANKS	6037.2'
88	NUSTAR LOGISTICS FUEL TANKS	6029.9'
89	NUSTAR LOGISTICS FUEL TANKS	6036.7'
90	NUSTAR LOGISTICS FUEL TANKS	6028.9'
91	NUSTAR LOGISTICS FUEL TANKS	6036.8'
92	NUSTAR LOGISTICS FUEL TANKS	6034.4'
93	NUSTAR LOGISTICS FUEL TANKS	6025.1'
95	US FOREST SERVICE AIRTANKER BASE	6134.0'
96	US FOREST SERVICE AIRTANKER BASE	6134.0'
97	NUSTAR FUEL SUPPORT BUILDING	5980.8'
98	US FOREST SERVICE AIRTANKER BASE	6134.0'
99	PUBLIC WORKS MATERIAL HANDLING FACILITY	6043.0'
100	NUSTAR FUEL SUPPORT BUILDING	5966.3'
101	COLORADO INTERSTATE GAS	5945.1'
102	COLORADO INTERSTATE GAS	5958.2'

SOURCES

* THE SITE PLAN AND LINE WORK IS BASED ON THE PLANIMETRIC MAPPING INFORMATION COMPILED BY WOOLPERT, INC. 2022

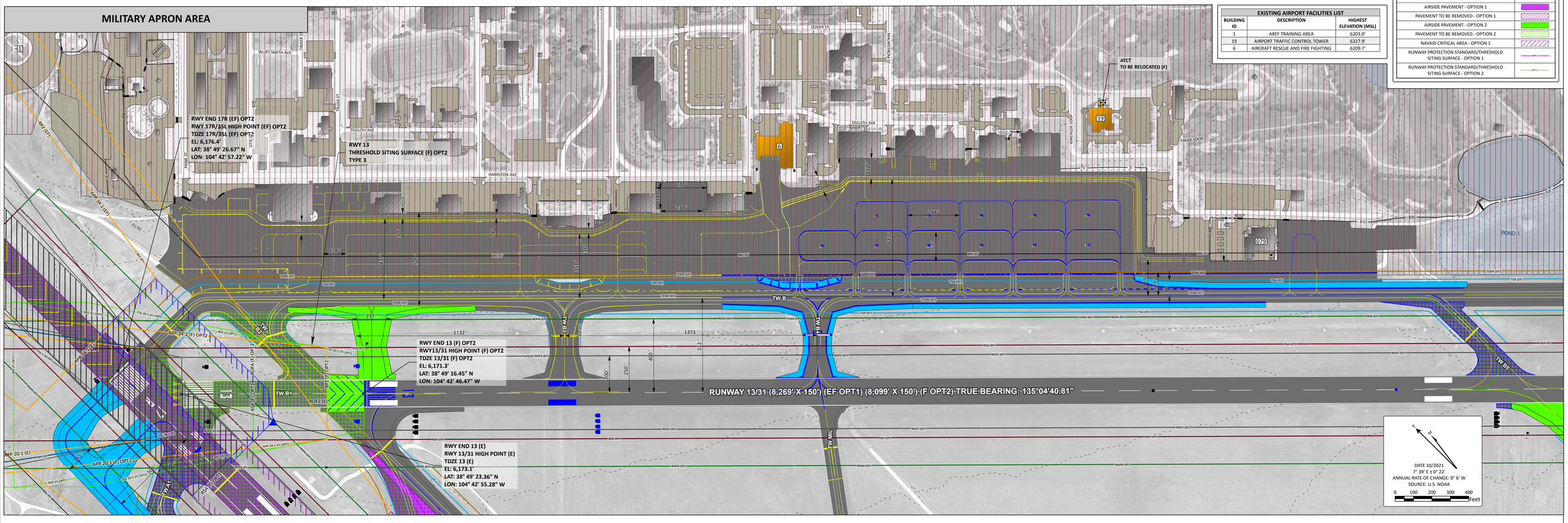
NOTES

1. EXISTING AND FUTURE CONDITIONS SHOWN AS (E)(F)
2. ALL HORIZONTAL COORDINATES - NAD83/2011
3. ALL VERTICAL COORDINATES - NAVD88
4. DRAWING DEPICTS ALTERNATIVE OPTIONS TO RESOLVE HOT SPOT 1, OPTION 1 BEING THE RELOCATION OF RUNWAY END 17R, OPTION 2 BEING THE RELOCATION OF RUNWAY END 13

LEGEND

LEGEND ITEM	EXISTING	FUTURE
AIRPORT PROPERTY BOUNDARY		SAME
PSFB		SAME
AIRPORT PAVEMENT MARKINGS		
AIRPORT PAVEMENT		
TO BE REMOVED	N/A	
ROAD		
PARKING AREA		SAME
ON-AIRPORT BUILDING		
OFF-AIRPORT BUILDING		SAME
WATER FEATURE		
NAVAID CRITICAL AREA		
PRECISION OBJECT FREE ZONE (POFZ)		
RUNWAY PROTECTION ZONE (RPZ)		
RUNWAY SAFETY AREA (RSA)	RSA(E)	RSA(F)
RUNWAY OBJECT FREE AREA (ROFA)	ROFA(E)	ROFA(F)
RUNWAY OBJECT FREE ZONE (ROFZ)	ROFZ(E)	ROFZ(F)
BUILDING RESTRICTION LINE (BRL 35')	BRL 35'	BRL 35'
TAXIWAY SAFETY AREA (TSA)	TSA(E)	TSA(F)
TAXIWAY OBJECT FREE AREA (TOFA)	TOFA(E)	TOFA(F)
TAXIWAY EDGE SAFETY MARGIN (TESM)	TESM(E)	TESM(F)
THRESHOLD SITING SURFACE (TSS)	TSS(E)	TSS(F)
APPROACH SURFACE (20:1)	AP 20:1 (E)	AP 20:1 (F)
APPROACH SURFACE (34:1)	AP 34:1 (E)	AP 34:1 (F)
APPROACH SURFACE (50:1/40:1)	AP 50:1/40:1 (E)	AP 50:1/40:1 (F)
FENCE (6' HEIGHT OR LESS)	6	6
FENCE (8' HEIGHT OR LESS)	8 ft	8 ft
GATE		
TRAVERSEWAY INTERSECTION	×	×
PACS OR SACS		SAME
AIRPORT CONTROL POINT		
AIRPORT REFERENCE POINT		
AIR TRAFFIC CONTROL TOWER (ATCT)		
LOCALIZER		
GLIDE SLOPE ANTENNA		
ROTATING BEACON		
AWOS		
RUNWAY END LIGHT		
LLWAS		SAME
RVR		SAME
CELL TOWER		SAME
PAPI		
REIL		
MALSR/ALSF-2		
WIND CONE		
AIRPORT SURVEILLANCE RADAR (ASR)	N/A	
AERONAUTICAL	N/A	
NONAERONAUTICAL	N/A	
RELOCATED	N/A	
TO BE RELOCATED	N/A	

MILITARY APRON AREA



EXISTING AIRPORT FACILITIES LIST		
BUILDING ID	DESCRIPTION	HIGHEST ELEVATION (MSL)
1	ARFF TRAINING AREA	6203.0'
19	AIRPORT TRAFFIC CONTROL TOWER	6327.9'
6	AIRCRAFT RESCUE AND FIRE FIGHTING	6209.7'

LEGEND FOR OPTIONS TO RESOLVE HOT SPOT 1	
LEGEND ITEM	FUTURE
AIRSIDE PAVEMENT - OPTION 1	
PAVEMENT TO BE REMOVED - OPTION 1	
AIRSIDE PAVEMENT - OPTION 2	
PAVEMENT TO BE REMOVED - OPTION 2	
NAVAID CRITICAL AREA - OPTION 1	
RUNWAY PROTECTION STANDARD/THRESHOLD SITING SURFACE - OPTION 1	OPT 1
RUNWAY PROTECTION STANDARD/THRESHOLD SITING SURFACE - OPTION 2	OPT 2

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COLORADO SPRINGS AIRPORT

COLORADO SPRINGS AIRPORT (COS) COLORADO SPRINGS, CO

DES: K.D.
DR: K.D.
CH: T.D.
APP: T.D.

ISSUE RECORD

NO.	BY	DATE	DESCRIPTION

2022 AIRPORT LAYOUT PLAN

EAST SIDE DEVELOPMENT AND MILITARY APRON AREA PLAN

AIP PROJECT NUMBER: 3-08-0010-071-2021

JVIATION PROJ. NO. 2020.COS.01

DATE: JANUARY 2023

DATE 10/2021
7° 39' E ± 0° 22'
ANNUAL RATE OF CHANGE: 0° 6' W
SOURCE: U.S. NOAA
0 2,000 Feet

CONICAL SURFACE

HORIZONTAL SURFACE
EL: 6,337.0'

AIRPORT EL: 6,187.0'

APPROACH SURFACE
34:1

ASR (E)

RUNWAY END 17L (EF)
EL: 6,187.0'

RUNWAY END 35R (EF)
EL: 6,102.7'

APPROACH SURFACE
50:1/40:1

RUNWAY END 31 (F)
EL: 6,156.8'

RUNWAY END 31 (E)
EL: 6,137.1'

PRIMARY SURFACE

RUNWAY END 13 (F)
OPTION 2
EL: 6,171.3'

APPROACH SURFACE OPT 2
50:1/40:1

ASR (F)

RUNWAY END 17R (EF)
OPTION 2
EL: 6,176.4'

APPROACH SURFACE OPT 2
20:1

RUNWAY END 35L (E)
EL: 6,045.0'

RUNWAY END 35L (F)
EL: 6,033.1'

PART 77 IMAGINARY SURFACE DIMENSIONS						
ITEM	DIMENSIONAL STANDARDS (FT)					
	VISUAL RUNWAY		NON-PRECISION INSTRUMENT RUNWAY			PRECISION INSTRUMENT RUNWAY
	A	B	A	B		
				C	D	
WIDTH OF PRIMARY SURFACE AND APPROACH SURFACE WIDTH AT INNER END (FT)	250	500	500	500	1,000	1,000
RADIUS OF HORIZONTAL SURFACE (FT)	5,000	5,000	5,000	10,000	10,000	10,000
APPRAOCH SURFACE WIDTH AT END (FT)	1,250	1,500	2,000	3,500	4,000	16,000
APPROACH SURFACE LENGTH (FT)	5,000	5,000	5,000	10,000	10,000	50,000 *
APPROACH SLOPE (FT)	20:1	20:1	20:1	34:1	34:1	50:1/40:1 *

PART 77 DIMENSIONAL CRITERIA (FUTURE)							
RUNWAY	RUNWAY CLASSIFICATION	APPROACH PROCEDURE	VISIBILITY MINIMUMS	PRIMARY SURFACE WIDTH (FT)	OUTER APPROACH WIDTH (FT)	APPROACH LENGTH (FT)	APPROACH SLOPE
17L	OTHER THAN UTILITY	PRECISION	< 1/4 MILE	1,000	16,000	50,000	50:1/40:1
35R	OTHER THAN UTILITY	PRECISION	1/4 MILE	1,000	16,000	50,000	50:1/40:1
17R	OTHER THAN UTILITY	PRECISION	3/4 MILE	1,000	16,000	50,000	50:1/40:1
35L	OTHER THAN UTILITY	PRECISION	< 1/4 MILE	1,000	16,000	50,000	50:1/40:1
13	OTHER THAN UTILITY	VISUAL	VISUAL	500	1,500	5,000	20:1
31	OTHER THAN UTILITY	NON-PRECISION	1 MILE	500	3,500	10,000	34:1

DRAWING LEGEND

PART 77 SURFACE
- APPROACH SURFACE
- CONICAL SURFACE
- HORIZONTAL SURFACE
- PRIMARY SURFACE
- TRANSITIONAL SURFACE

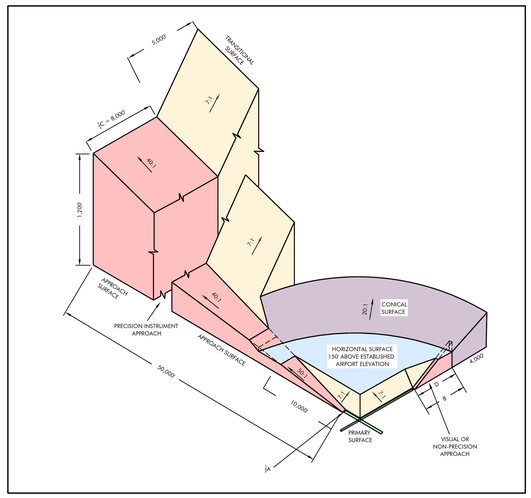
AIRPORT BOUNDARY
- EXISTING

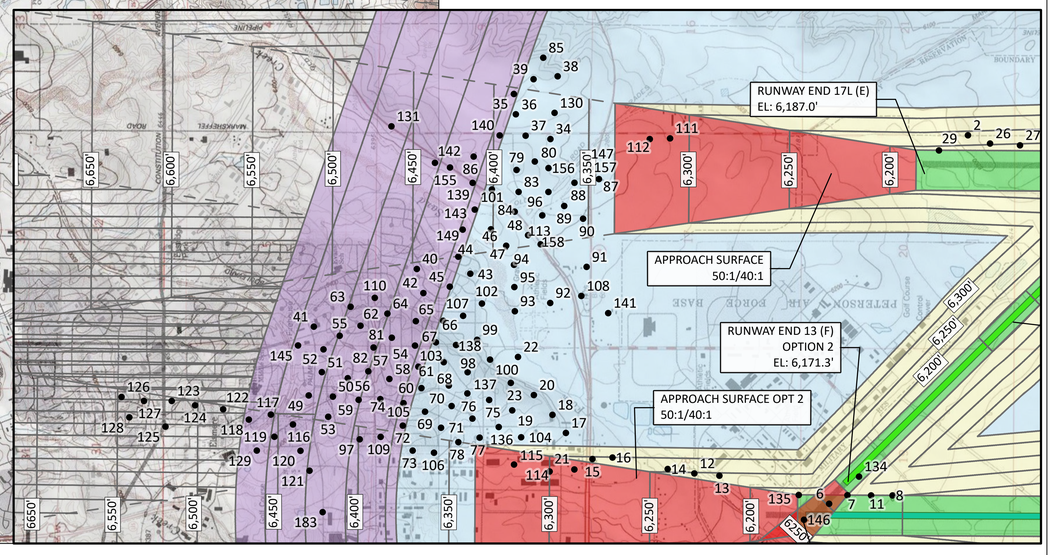
SOURCES

* THE SITE PLAN AND LINE WORK IS BASED ON THE PLANIMETRIC MAPPING INFORMATION COMPILED BY WOOLPERT, INC. 2022

NOTES

1. EXISTING AND FUTURE CONDITIONS SHOWN AS (E)(F)
2. ALL HORIZONTAL COORDINATES - NAD83/2011
3. ALL VERTICAL COORDINATES - NAVD88
4. FILTERED OBSTRUCTIONS LEFT UNLABELED FOR MAP CLARITY DUE TO PROXIMITY TO MORE CRITICAL LABELED OBSTRUCTIONS
5. ALL ROAD ELEVATIONS INCLUDE TRAVERSEWAY ADJUSTMENTS OF 23' FOR RAILWAYS, 17' FOR INTERSTATE HIGHWAYS, 15' FOR OTHER PUBLIC ROADS AND 10' FOR PRIVATE ROADS
6. OBSTRUCTION POINTS ARE FOUND ON PAGE 10
7. DRAWING DEPICTS ALTERNATIVE OPTIONS TO RESOLVE HOT SPOT 1, OPTION 1 BEING THE RELOCATION OF RUNWAY END 17R, OPTION 2 BEING THE RELOCATION OF RUNWAY END 13





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COLORADO SPRINGS AIRPORT

COLORADO SPRINGS AIRPORT (COS) COLORADO SPRINGS, CO

DES: K.D.
DR: S.C.
CH: T.D.
APP: T.D.

ISSUE RECORD

NO.	BY	DATE	DESCRIPTION

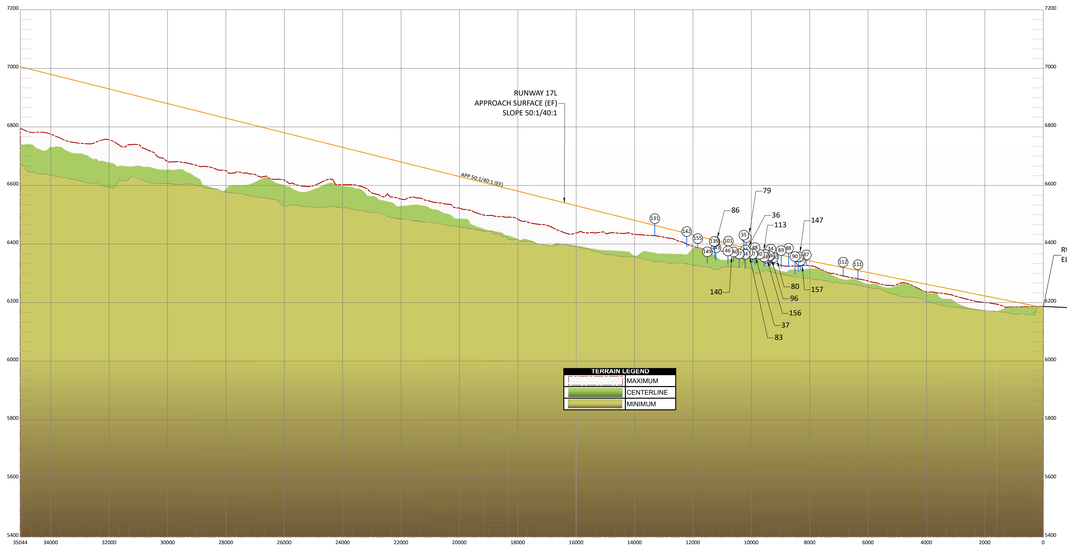
2022 AIRPORT LAYOUT PLAN

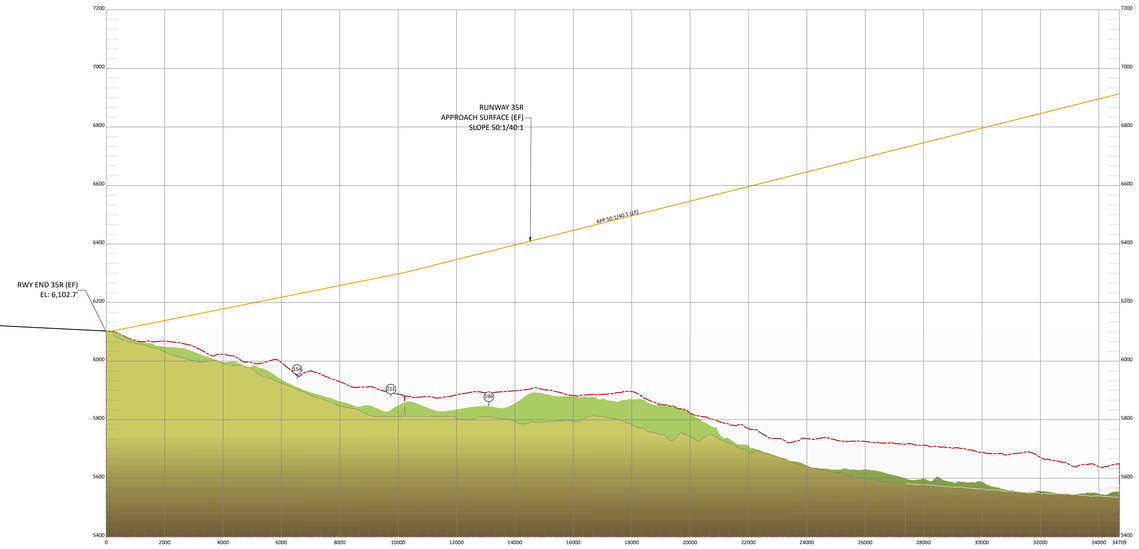
AIRPORT FUTURE AIRSPACE DRAWING

AIP PROJECT NUMBER: 3-08-0010-071-2021
JVIATION PROJ. NO. 2020.COS.01
DATE: JANUARY 2023

AIRPORT ELEVATION: 6,187.0'

RUNWAY 17L/35R

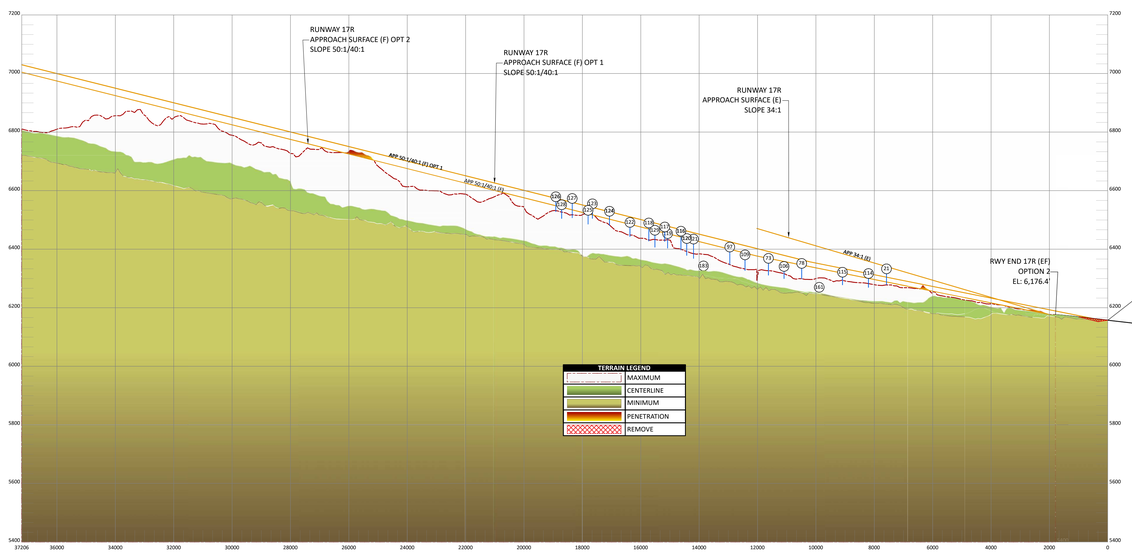


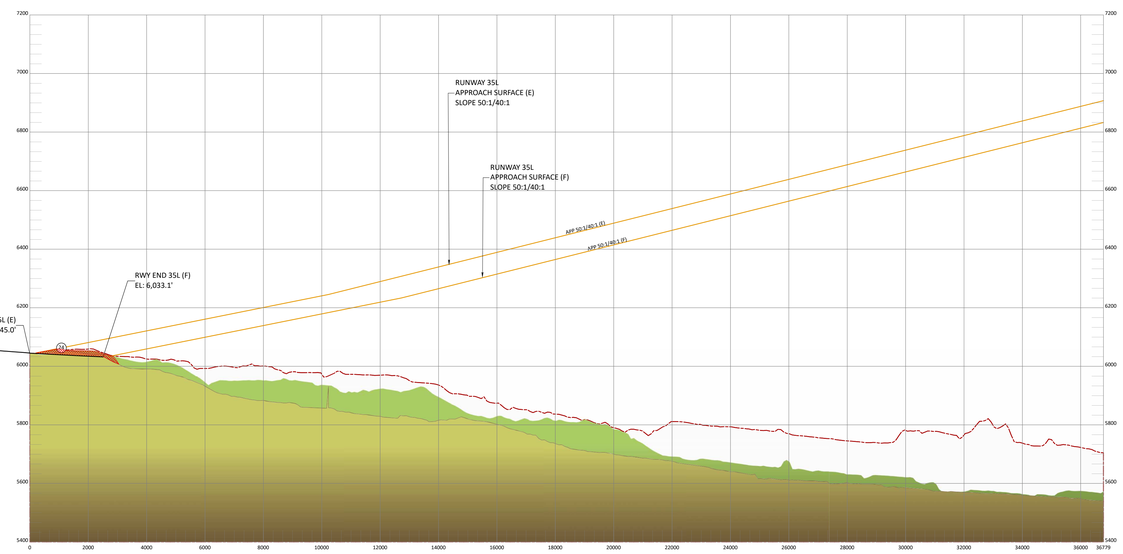


RUNWAY 17L/35R CENTERLINE PROFILE
EFFECTIVE EXISTING AND FUTURE GRADIENT: 0.62%

PROFILE SCALE
HORIZONTAL : 1 INCH = 2,000'
VERTICAL: 1 INCH = 200'

RUNWAY 17R/35L

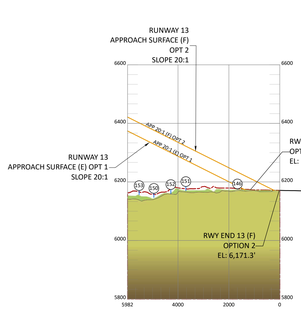


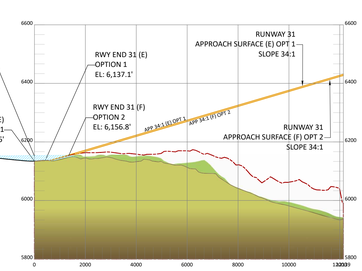


RUNWAY 17R/35L CENTERLINE PROFILE
EFFECTIVE EXISTING GRADIENT: 1.90%
EFFECTIVE FUTURE GRADIENT: 0.18%

PROFILE SCALE
HORIZONTAL : 1 INCH = 2,000'
VERTICAL: 1 INCH = 200'

RUNWAY 13/31





RUNWAY 13/31 CENTERLINE PROFILE
EFFECTIVE EXISTING GRADIENT: 0.43%
EFFECTIVE FUTURE GRADIENT: 1.06%

PROFILE SCALE
HORIZONTAL : 1 INCH = 2,000'
VERTICAL: 1 INCH = 200'

TERRAIN LEGEND
MAXIMUM
CENTERLINE
MINIMUM
FILL

NOTES

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COLORADO SPRINGS AIRPORT

COLORADO SPRINGS AIRPORT (COS) COLORADO SPRINGS, CO

DES: S.C.
DR: S.C.
CH: T.D.
APP: T.D.

ISSUE RECORD

NO.	BY	DATE	DESCRIPTION

2022 AIRPORT LAYOUT PLAN

AIRPORT AIRSPACE PROFILE

AIP PROJECT NUMBER: 3-08-0010-071-2021
JVIATION PROJ. NO. 2020.COS.01
DATE: DECEMBER 2022

APPROACH AIRSPACE OBSTRUCTION DATA TABLE

RUNWAY END	REF #	OBJECT TYPE	GROUND SURFACE ELEVATION (MSL)	ABOVE GROUND LEVEL (AGL)	TOP OF OBJECT ELEVATION (MSL)	SURFACE PENETRATION (F)	DISPOSITION
17R	21	TREE	6,278.2'	54.3'	6,332.5'	44.9'	REMOVE
17L	35	TANK	6,345.3'	68.4'	6,413.7'	26.1'	MARK/LIGHT
17R	73	TREE	6,311.1'	57.3'	6,368.3'	0.1'	REMOVE
17R	78	TREE	6,298.7'	52.4'	6,351.1'	5.6'	REMOVE
17L	79	TREE	6,380.2'	25.3'	6,405.5'	19.6'	REMOVE
17L	87	TREE	6,325.8'	20.2'	6,346.0'	1.1'	REMOVE
17L	88	TREE	6,323.3'	45.2'	6,368.5'	11.5'	REMOVE
17R	97	TREE	6,346.7'	60.4'	6,407.1'	7.8'	REMOVE
17L	111	POLE	6,278.6'	34.2'	6,312.8'	3.2'	MARK/LIGHT
17L	112	POLE	6,289.0'	32.3'	6,321.3'	1.7'	MARK/LIGHT
17R	114	TREE	6,269.6'	47.0'	6,316.6'	16.6'	REMOVE
17R	115	TREE	6,278.0'	43.0'	6,321.0'	3.3'	REMOVE
17R	116	TREE	6,396.8'	64.3'	6,461.1'	20.3'	REMOVE
17R	117	TREE	6,426.5'	49.1'	6,475.5'	20.9'	REMOVE
17R	118	TREE	6,427.4'	61.8'	6,489.2'	20.9'	REMOVE
17R	119	TREE	6,403.7'	49.2'	6,452.9'	0.6'	REMOVE
17R	120	TREE	6,378.6'	57.4'	6,436.0'	0.0'	REMOVE
17R	121	TREE	6,368.3'	65.9'	6,434.2'	3.9'	REMOVE
17R	122	TREE	6,443.0'	48.2'	6,491.2'	6.9'	REMOVE
17R	123	TREE	6,505.5'	49.1'	6,554.6'	38.3'	REMOVE
17R	124	TREE	6,480.9'	48.3'	6,529.2'	27.4'	REMOVE
17R	125	TREE	6,485.8'	46.6'	6,532.4'	12.3'	REMOVE
17R	126	TREE	6,528.3'	50.4'	6,578.7'	31.1'	REMOVE
17R	127	TREE	6,507.2'	65.7'	6,572.9'	39.3'	REMOVE
17R	128	TREE	6,505.3'	46.2'	6,551.4'	8.7'	REMOVE
17R	129	TREE	6,406.8'	57.6'	6,464.4'	1.1'	REMOVE
17L	131	POLE	6,428.2'	41.8'	6,470.0'	6.3'	MARK/LIGHT
17L	139	PUBLIC ROAD	6,377.6'	14.5'	6,392.1'	-20.9'	NONE
17L	140	PUBLIC ROAD	6,340.8'	15.4'	6,356.2'	-40.1'	NONE
17R	183	PUBLIC ROAD	6,327.5'	15.0'	6,342.5'	-79.5'	NONE
17L	155	PUBLIC ROAD	6,387.1'	15.0'	6,402.1'	-25.0'	NONE
17L	156	PUBLIC ROAD	6,328.1'	15.0'	6,343.1'	-26.9'	NONE
17L	157	PUBLIC ROAD	6,311.3'	15.0'	6,326.3'	-22.6'	NONE

PRIMARY AIRSPACE OBSTRUCTION DATA TABLE

RUNWAY	REF #	OBJECT TYPE	GROUND SURFACE ELEVATION (MSL)	ABOVE GROUND LEVEL (AGL)	TOP OF OBJECT ELEVATION (MSL)	SURFACE PENETRATION (F)	DISPOSITION
17L/35R	1	GROUND	6,121.8'	0.0'	6,121.8'	0.0'	NONE
17R/35L	4	FENCE	6,043.2'	2.4'	6,045.6'	0.1'	NONE
17R/35L	5	GROUND	6,045.0'	0.0'	6,045.0'	0.3'	LOWER
17R/35L	6	GROUND	6,171.2'	0.0'	6,171.2'	0.3'	LOWER
17R/35L	7	GROUND	6,166.8'	0.0'	6,166.8'	1.0'	LOWER
17R/35L	8	GROUND	6,152.9'	0.0'	6,152.9'	0.0'	NONE
17R/35L	9	GROUND	6,097.0'	0.0'	6,097.0'	0.1'	LOWER
17R/35L	10	GROUND	6,089.9'	0.0'	6,089.9'	0.2'	LOWER
17R/35L	11	GROUND	6,159.0'	0.0'	6,159.0'	0.0'	NONE
17R/35L	24	GROUND	6,062.7'	0.0'	6,062.7'	22.4'	LOWER
17L/35R	29	GROUND	6,185.3'	0.0'	6,185.3'	0.0'	NONE
17L/35R	30	GROUND	6,170.4'	0.0'	6,170.4'	0.9'	LOWER
17L/35R	31	GROUND	6,166.5'	0.0'	6,166.5'	0.3'	LOWER
17L/35R	32	BUILDING	6,102.6'	11.5'	6,114.1'	6.5'	MARK/LIGHT
17L/35R	33	SIGN	6,167.2'	4.0'	6,171.1'	1.6'	FIXED BY FUNCTION
17L/35R	132	SIGN	6,146.6'	2.3'	6,148.9'	0.5'	FIXED BY FUNCTION
17R/35L	133	AIRFIELD LIGHT	6,050.9'	4.0'	6,054.9'	0.4'	FIXED BY FUNCTION
13/31	134	AIRFIELD LIGHT	6,168.0'	4.0'	6,172.0'	1.4'	FIXED BY FUNCTION
17R/35L	135	POLE	6,174.6'	2.1'	6,176.7'	0.3'	MARK/LIGHT
17L/35R	144	SIGN	6,102.1'	2.7'	6,104.8'	0.9'	FIXED BY FUNCTION
17R/35L	146	REIL	6,175.0'	1.5'	6,176.5'	0.1'	FIXED BY FUNCTION
17R/35L	148	GLIDE SCOPE	6,048.2'	45.2'	6,093.4'	41.4'	FIXED BY FUNCTION

TRANSITIONAL AIRSPACE OBSTRUCTION DATA TABLE

RUNWAY	REF #	OBJECT TYPE	GROUND SURFACE ELEVATION (MSL)	ABOVE GROUND LEVEL (AGL)	TOP OF OBJECT ELEVATION (MSL)	SURFACE PENETRATION (F)	DISPOSITION
17L/35R	2	FENCE	6,229.8'	8.0'	6,237.8'	2.2'	NONE
17L/35R	3	GROUND	6,114.3'	0.0'	6,114.3'	0.6'	LOWER
17R/35L	12	POLE	6,212.8'	39.4'	6,252.2'	5.6'	MARK/LIGHT
17R/35L	13	TREE	6,213.1'	34.6'	6,247.6'	7.7'	REMOVE
17R/35L	14	TREE	6,246.5'	21.7'	6,268.3'	7.4'	REMOVE
17R/35L	15	TREE	6,269.7'	53.9'	6,323.7'	31.6'	REMOVE
17R/35L	16	TREE	6,266.9'	35.2'	6,302.1'	3.5'	REMOVE
17L/35R	26	GROUND	6,204.3'	0.0'	6,204.3'	0.3'	LOWER
17L/35R	27	GROUND	6,195.2'	0.0'	6,195.2'	0.5'	LOWER
17L/35R	28	GROUND	6,174.3'	0.0'	6,174.3'	0.4'	LOWER
17R/35L	161	PUBLIC ROAD	6,254.5'	15.0'	6,269.5'	-64.5'	NONE
17R/35L	256	ASR (F)	6,111.1'	16.6'	6,127.7'	-163.0'	MARK/LIGHT

HORIZONTAL AIRSPACE OBSTRUCTION DATA TABLE

REF #	OBJECT TYPE	GROUND SURFACE ELEVATION (MSL)	ABOVE GROUND LEVEL (AGL)	TOP OF OBJECT ELEVATION (MSL)	SURFACE PENETRATION (F)	DISPOSITION
17	TREE	6,296.3'	49.5'	6,345.7'	8.7'	REMOVE
18	BUILDING	6,313.4'	25.3'	6,338.7'	1.7'	MARK/LIGHT
19	TREE	6,330.8'	60.9'	6,391.7'	54.7'	REMOVE
20	TREE	6,311.4'	59.3'	6,370.7'	33.7'	REMOVE
22	TREE	6,287.0'	53.2'	6,340.1'	3.1'	REMOVE
23	TREE	6,316.6'	43.6'	6,360.2'	23.2'	REMOVE
34	POLE	6,326.6'	39.4'	6,366.0'	29.0'	MARK/LIGHT
36	BUILDING	6,317.9'	44.9'	6,362.9'	25.9'	MARK/LIGHT
37	SIGN	6,338.0'	10.8'	6,348.8'	11.8'	MARK/LIGHT
38	TREE	6,330.7'	19.1'	6,349.8'	12.8'	REMOVE
39	FENCE	6,348.4'	7.7'	6,356.1'	19.1'	NONE
43	TREE	6,319.8'	63.1'	6,383.0'	46.0'	REMOVE
46	BUILDING	6,329.9'	29.8'	6,359.8'	22.8'	MARK/LIGHT
47	BUILDING	6,321.5'	28.2'	6,349.7'	12.7'	MARK/LIGHT
48	POLE	6,329.4'	41.4'	6,370.7'	33.7'	MARK/LIGHT
60	TREE	6,382.7'	47.2'	6,429.9'	92.9'	REMOVE
66	TREE	6,325.8'	53.0'	6,378.8'	41.8'	REMOVE
67	TREE	6,367.4'	43.2'	6,410.6'	73.6'	REMOVE
68	TREE	6,371.6'	58.8'	6,430.4'	93.4'	REMOVE
69	TREE	6,349.7'	49.6'	6,399.3'	62.3'	REMOVE
70	TREE	6,337.1'	52.2'	6,389.3'	52.3'	REMOVE
71	TREE	6,323.0'	60.9'	6,384.0'	47.0'	REMOVE
73	TREE	6,311.1'	57.3'	6,368.3'	31.3'	REMOVE
75	TREE	6,350.4'	59.6'	6,410.0'	73.0'	REMOVE
76	TREE	6,323.1'	64.6'	6,387.7'	50.7'	REMOVE
77	TREE	6,319.6'	38.1'	6,357.7'	20.7'	REMOVE
78	TREE	6,298.7'	52.4'	6,351.1'	14.1'	REMOVE
79	TREE	6,380.2'	25.3'	6,405.5'	68.5'	REMOVE
80	GROUND	6,348.4'	0.0'	6,348.4'	11.4'	LOWER
83	FENCE	6,351.5'	3.5'	6,354.9'	17.9'	NONE
84	SIGN	6,348.7'	-0.5'	6,348.2'	11.2'	MARK/LIGHT
85	GROUND	6,340.5'	0.0'	6,340.5'	3.5'	LOWER
87	TREE	6,325.8'	20.2'	6,346.0'	9.0'	REMOVE
88	TREE	6,323.3'	45.2'	6,368.5'	31.5'	REMOVE
89	BUILDING	6,317.9'	43.2'	6,361.1'	24.1'	MARK/LIGHT
90	TREE	6,297.8'	42.6'	6,340.5'	3.5'	REMOVE
91	TREE	6,292.8'	48.6'	6,341.5'	4.5'	REMOVE
92	TREE	6,298.9'	38.6'	6,337.5'	0.5'	REMOVE
93	TREE	6,302.2'	38.0'	6,340.2'	3.2'	REMOVE
94	BUILDING	6,317.3'	31.0'	6,348.3'	11.3'	MARK/LIGHT
95	BUILDING	6,314.1'	31.1'	6,345.3'	8.3'	MARK/LIGHT
96	POLE	6,337.1'	5.0'	6,342.1'	5.1'	MARK/LIGHT
98	TREE	6,347.3'	42.7'	6,390.0'	53.0'	REMOVE
99	TREE	6,310.1'	47.3'	6,357.4'	20.4'	REMOVE
100	TREE	6,307.1'	38.9'	6,346.0'	9.0'	REMOVE
101	TREE	6,371.7'	21.8'	6,393.4'	56.4'	REMOVE
102	TREE	6,309.4'	58.8'	6,368.2'	31.2'	REMOVE
103	TREE	6,385.6'	51.1'	6,436.6'	99.6'	REMOVE
104	BUILDING	6,313.5'	36.7'	6,350.2'	13.2'	MARK/LIGHT
106	TREE	6,300.0'	40.8'	6,340.8'	3.8'	REMOVE
107	TREE	6,312.9'	63.0'	6,375.9'	38.9'	REMOVE
108	TREE	6,294.4'	44.6'	6,339.0'	2.0'	REMOVE
113	SIGN	6,335.0'	12.0'	6,347.0'	10.0'	MARK/LIGHT
130	SIGN	6,319.9'	17.2'	6,337.2'	0.2'	MARK/LIGHT
136	PUBLIC ROAD	6,323.8'	14.7'	6,338.4'	1.4'	NONE
137	PUBLIC ROAD	6,341.2'	15.3'	6,356.5'	19.5'	NONE
138	PUBLIC ROAD	6,339.8'	15.2'	6,355.0'	18.0'	NONE
141	TOWER	6,276.6'	80.6'	6,357.2'	20.2'	MARK/LIGHT
147	POLE	6,306.0'	33.5'	6,339.5'	2.5'	MARK/LIGHT
161	PUBLIC ROAD	6,254.5'	15.0'	6,269.5'	-67.5'	NONE
156	PUBLIC ROAD	6,328.1'	15.0'	6,343.1'	6.1'	NONE
157	PUBLIC ROAD	6,311.3'	15.0'	6,326.3'	-10.7'	NONE
158	PUBLIC ROAD	6,324.2'	15.0'	6,339.2'	2.2'	NONE
255	ASR (E)	6,184.7'	16.6'	6,201.3'	-135.7'	MARK/LIGHT

CONICAL AIRSPACE OBSTRUCTION DATA TABLE

REF #	OBJECT TYPE	GROUND SURFACE ELEVATION (MSL)	ABOVE GROUND LEVEL (AGL)	TOP OF OBJECT ELEVATION (MSL)	SURFACE PENETRATION (F)	DISPOSITION
35	TANK	6,345.3'	68.4'	6,413.7'	72.3'	MARK/LIGHT
40	TREE	6,333.1'	71.2'	6,404.3'	19.6'	REMOVE
41	TREE	6,447.2'	41.1'	6,488.3'	5.5'	REMOVE
42	TREE	6,325.8'	62.1'	6,387.9'	20.6'	REMOVE
44	TREE	6,328.0'	56.5'	6,384.5'	43.5'	REMOVE
45	TREE	6,322.0'	56.1'	6,378.0'	39.2'	REMOVE
49	TREE	6,413.3'	64.1'	6,477.4'	13.9'	REMOVE
50	TREE	6,392.5'	58.3'	6,450.9'	16.9'	REMOVE
51	TREE	6,431.7'	59.8'	6,491.5'	36.1'	REMOVE
52	TREE	6,449.6'	50.5'	6,500.1'	38.0'	REMOVE
53	TREE	6,382.6'	53.4'	6,436.0'	2.0'	REMOVE
54	TREE	6,397.9'	44.8'	6,442.8'	86.9'	REMOVE
55	TREE	6,442.3'	48.4'	6,490.7'	42.1'	REMOVE
56	TREE	6,400.3'	58.3'	6,458.6'	36.3'	REMOVE
57	TREE	6,407.6'	52.6'	6,460.2'	59.7'	REMOVE
58	TREE	6,396.2'	54.9'	6,451.1'	78.4'	REMOVE
59	TREE	6,376.6'	45.3'	6,421.9'	20.0'	REMOVE
61	BUILDING	6,390.0'	29.0'	6,419.0'	75.5'	MARK/LIGHT
62	TREE	6,420.3'	53.4'	6,473.7'	45.6'	REMOVE
63	TREE	6,408.7'	48.5'	6,457.3'	9.8'	REMOVE
64	TREE	6,377.4'	61.4'	6,438.8'	37.4'	REMOVE
65	TREE	6,359.7'	55.6'	6,415.3'	50.5'	REMOVE
72	TREE	6,344.5'	53.5'	6,398.0'	57.0'	REMOVE
74	TREE	6,372.9'	47.9'	6,420.8'	44.7'	REMOVE
81	TREE	6,399.7'	37.7'	6,437.4'	51.0'	REMOVE
82	TREE	6,417.9'	52.4'	6,470.3'	66.4'	REMOVE
86	TREE	6,350.3'	41.6'	6,391.9'	28.6'	REMOVE
97	TREE	6,346.7'	60.4'	6,407.1'	16.9'	REMOVE
105	TREE	6,362.2'	34.3'	6,396.5'	49.6'	REMOVE
109	TREE	6,327.0'	53.4'	6,380.3'	15.2'	REMOVE
110	TREE	6,377.4'	56.4'	6,433.8'	11.2'	REMOVE
139	PUBLIC ROAD	6,377.6'	14.5'	6,392.1'	38.1'	NONE
140	PUBLIC ROAD	6,340.8'	15.4'	6,356.2'	14.9'	NONE
142	SIGN	6,390.3'	35.6'	6,426.0'	19.6'	MARK/LIGHT
143	BUILDING	6,344.4'	25.9'	6,370.3'	29.7'	MARK/LIGHT
145	TOWER	6,451.9'	62.5'	6,514.4'	20.7'	MARK/LIGHT
149	BUILDING	6,334.9'	21.9'	6,356.7'	10.0'	MARK/LIGHT
183	PUBLIC ROAD	6,327.5'	15.0'	6,342.5'	-85.8'	NONE
155	PUBLIC ROAD	6,387.1'	15.0'	6,402.1'	15.3'	NONE

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COLORADO SPRINGS AIRPORT

COLORADO SPRINGS AIRPORT (COS)
COLORADO SPRINGS, CO

DES: K.D.
DR: K.D.
CH: T.D.
APP: T.D.

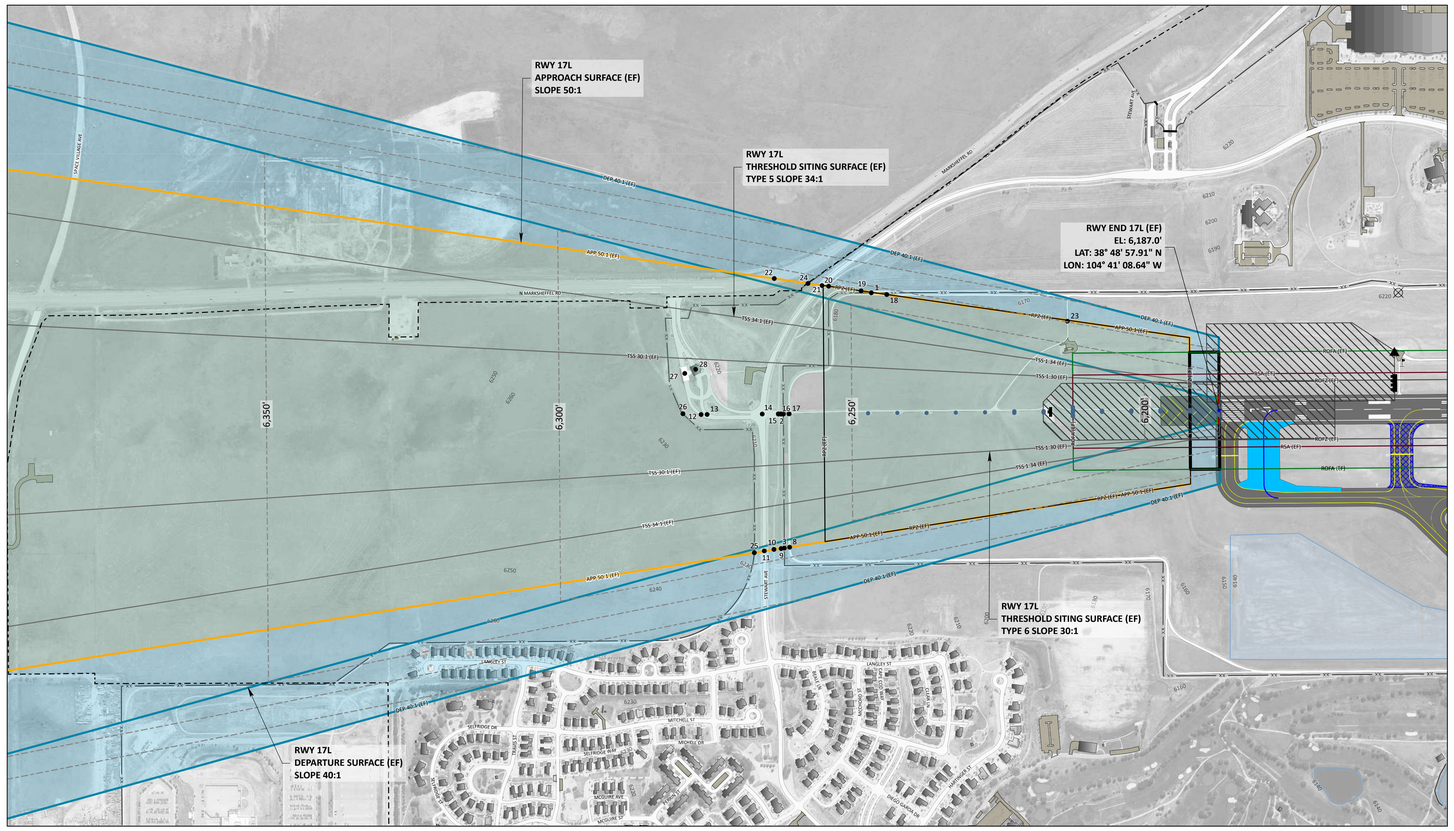
ISSUE RECORD

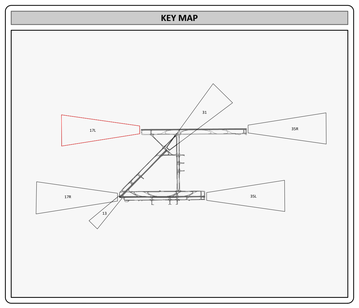
NO.	BY	DATE	DESCRIPTION

2022 AIRPORT LAYOUT PLAN

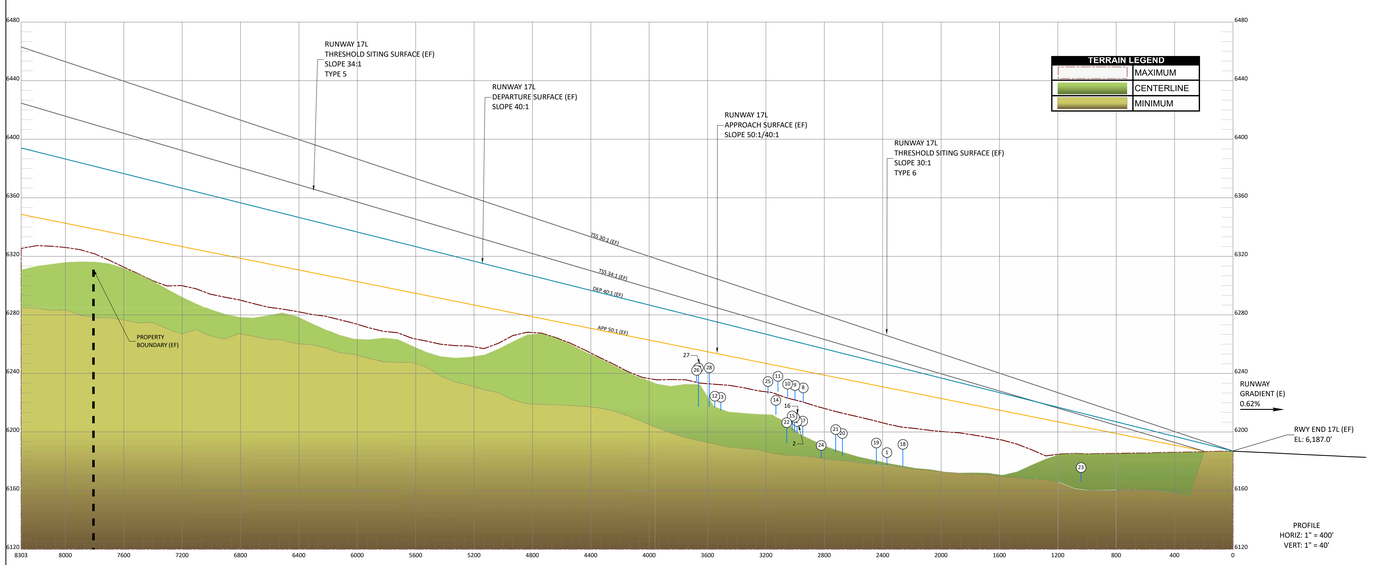
PART 77 FUTURE AIRSPACE OBSTRUCTION TABLES

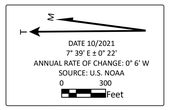
AIP PROJECT NUMBER: 3-08-0010-071-2021
JVIATION PROJ. NO. 2020.COS.01
DATE: DECEMBER 2022





RUNWAY 17L FUTURE P77 APPROACH AND DEPARTURE SURFACE OBSTRUCTION TABLE							
REF #	OBJECT TYPE	GROUND ELEVATION (MSL)	TOP OF OBJECT ELEVATION (AGL)	TOP OF OBJECT ELEVATION (MSL)	APPROACH SURFACE PENETRATION	DEPARTURE SURFACE PENETRATION	DISPOSITION
1	FENCE	6,177.6'	8.0'	6,185.6'	-44.7'	-103.4'	NONE
2	FENCE	6,199.3'	8.0'	6,207.3'	-35.4'	-54.4'	NONE
3	FENCE	6,221.6'	8.0'	6,229.6'	-13.1'	-50.9'	NONE
8	ACCESS CONTROLLED ROAD	6,220.1'	10.0'	6,230.1'	-11.9'	-50.9'	NONE
9	ACCESS CONTROLLED ROAD	6,221.8'	10.0'	6,231.8'	-11.4'	-48.4'	NONE
10	ACCESS CONTROLLED ROAD	6,222.7'	10.0'	6,232.7'	-11.5'	-46.8'	NONE
11	ACCESS CONTROLLED ROAD	6,228.0'	10.0'	6,238.0'	-7.5'	-40.5'	NONE
12	ACCESS CONTROLLED ROAD	6,214.4'	10.0'	6,224.4'	-29.6'	-51.3'	NONE
13	ACCESS CONTROLLED ROAD	6,213.6'	10.0'	6,223.6'	-29.5'	-51.1'	NONE
14	ACCESS CONTROLLED ROAD	6,211.5'	10.0'	6,221.5'	-24.1'	-43.8'	NONE
15	ACCESS CONTROLLED ROAD	6,200.9'	10.0'	6,210.9'	-32.5'	-51.6'	NONE
16	ACCESS CONTROLLED ROAD	6,199.9'	10.0'	6,209.9'	-33.1'	-52.2'	NONE
17	ACCESS CONTROLLED ROAD	6,197.4'	10.0'	6,207.4'	-34.6'	-53.3'	NONE
18	PUBLIC ROAD	6,176.5'	15.0'	6,191.5'	-36.6'	-99.5'	NONE
19	PUBLIC ROAD	6,177.4'	15.0'	6,192.4'	-39.3'	-96.0'	NONE
20	PUBLIC ROAD	6,183.9'	15.0'	6,198.9'	-37.5'	-86.2'	NONE
21	PUBLIC ROAD	6,186.6'	15.0'	6,201.6'	-35.7'	-82.9'	NONE
22	PUBLIC ROAD	6,191.4'	15.0'	6,206.4'	-37.7'	-73.4'	NONE
23	ACCESS CONTROLLED ROAD	6,165.7'	10.0'	6,175.7'	-28.2'	-133.6'	NONE
24	FENCE	6,182.8'	8.0'	6,190.8'	-48.5'	-92.6'	NONE
25	FENCE	6,226.4'	8.0'	6,234.4'	-12.4'	-43.1'	NONE
26	FENCE	6,234.1'	8.0'	6,242.1'	-14.4'	-36.8'	NONE
27	PETERSON AFB EAST GATE	6,216.7'	27.0'	6,243.8'	-12.4'	-34.7'	NONE
28	BUILDING	6,216.0'	28.0'	6,243.8'	-10.9'	-32.8'	NONE





SOURCES

- THE SITE PLAN AND LINE WORK IS BASED ON THE PLANIMETRIC MAPPING INFORMATION COMPILED BY WOOLPERT, INC. 2021

NOTES

1. EXISTING AND FUTURE CONDITIONS SHOWN AS (E)(F)
2. ALL HORIZONTAL COORDINATES - NAD83/2011
3. ALL VERTICAL COORDINATES - NAVD88
4. ALL ROAD ELEVATIONS INCLUDE TRAVERSEWAY ADJUSTMENTS OF 23' FOR RAILWAYS, 17' FOR INTERSTATE HIGHWAYS, 15' FOR OTHER PUBLIC ROADS AND 10' FOR PRIVATE ROADS

LEGEND

LEGEND ITEM	EXISTING	FUTURE
AIRPORT CONTROL POINT	•	SAME
AIRPORT PAVEMENT		
AIRPORT PAVEMENT MARKINGS		
AIRPORT PROPERTY BOUNDARY		SAME
APPROACH SURFACE (50:1/40:1)	AP 50:1 (E)	AP 50:1 (F)
BUILDING (OFF-AIRPORT)		SAME
DEPARTURE SURFACE (40:1)	DP 40:1 (E)	DP 40:1 (F)
FENCE (8' HEIGHT OR LESS)		SAME
LOCALIZER		SAME
MALSR/ALSF	•	SAME
NAVAID CRITICAL AREA		SAME
PRECISION OBJECT FREE ZONE (POFZ)		
ROAD		
RUNWAY END LIGHT	•	SAME
RUNWAY OBJECT FREE AREA (ROFA)	ROFA(E)	ROFA(F)
RUNWAY OBJECT FREE ZONE (ROFZ)	ROFZ(E)	ROFZ(F)
RUNWAY PROTECTION ZONE (RPZ)	RPZ(E)	RPZ(F)
RUNWAY SAFETY AREA (RSA)	RSA(E)	RSA(F)
THRESHOLD SITING SURFACE (TSS)	TSS(E)	TSS(F)
WATER FEATURE		SAME

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COLORADO SPRINGS AIRPORT

COLORADO SPRINGS AIRPORT (COS) COLORADO SPRINGS, CO

DES: K.D.
DR: S.C.
CH: T.D.
APP: T.D.

ISSUE RECORD

NO.	BY	DATE	DESCRIPTION

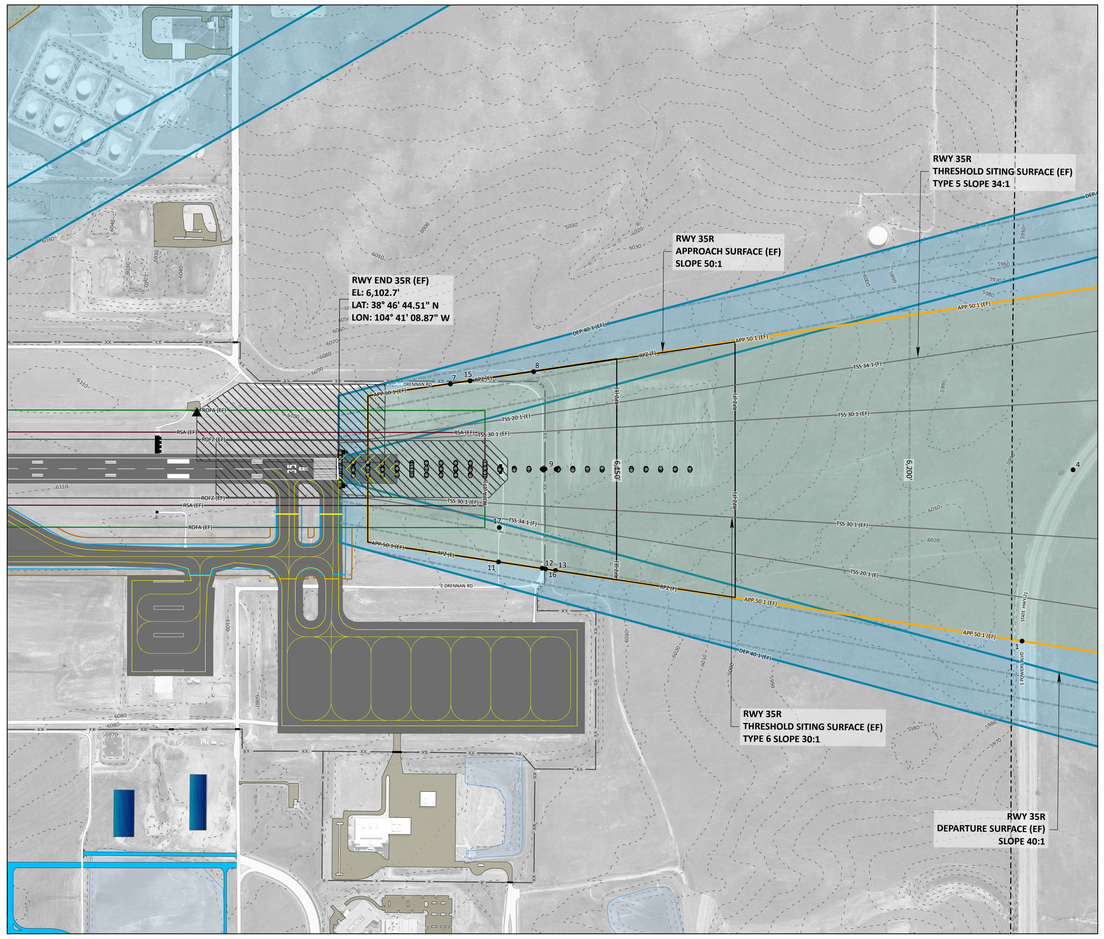
2022 AIRPORT LAYOUT PLAN

INNER PORTION OF THE APPROACH AND DEPARTURE SURFACE DRAWING 17L

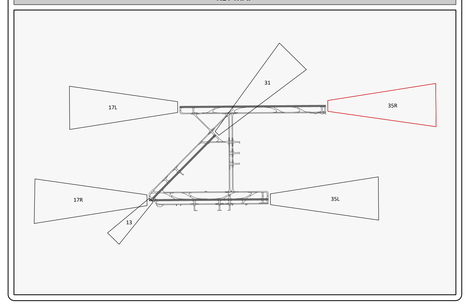
AIP PROJECT NUMBER: 3-08-0010-071-2021

JVIATION PROJ. NO. 2020.COS.01

DATE: DECEMBER 2022



KEY MAP

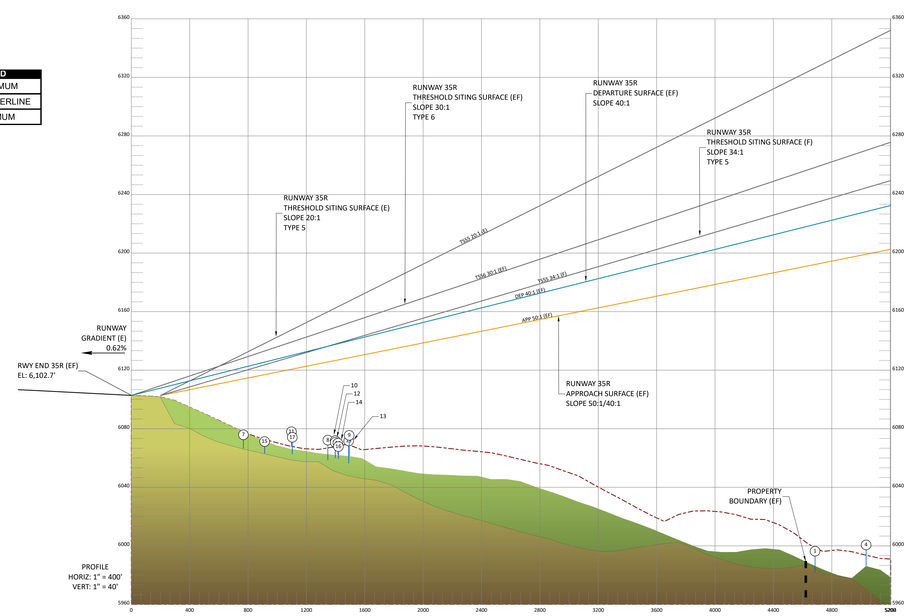


RUNWAY 35R FUTURE APPROACH AND DEPARTURE SURFACE OBSTRUCTION TABLE

REF #	OBJECT TYPE	GROUND ELEVATION (MSL)	TOP OF OBJECT ELEVATION (AGL)	TOP OF OBJECT ELEVATION (MSL)	APPROACH SURFACE PENETRATION	DEPARTURE SURFACE PENETRATION	DISPOSITION
1	PUBLIC ROAD	5,981.3'	15.0'	5,996.3'	-195.6'	-222.9'	NONE
4	PUBLIC ROAD	5,985.6'	15.0'	6,000.6'	-198.3'	-227.3'	NONE
5	PUBLIC ROAD	5,939.5'	15.0'	5,954.5'	-274.6'	-311.2'	NONE
7	ACCESS CONTROLLED ROAD	6,065.8'	10.0'	6,075.8'	-37.6'	-147.7'	NONE
8	PUBLIC ROAD	6,057.2'	15.0'	6,072.2'	-52.8'	-142.2'	NONE
9	PUBLIC ROAD	6,060.4'	15.0'	6,075.4'	-52.8'	-64.2'	NONE
10	ACCESS CONTROLLED ROAD	6,061.8'	10.0'	6,071.8'	-54.5'	-65.4'	NONE
11	ACCESS CONTROLLED ROAD	6,067.9'	10.0'	6,077.9'	-42.5'	-139.6'	NONE
12	ACCESS CONTROLLED ROAD	6,060.6'	10.0'	6,070.6'	-55.7'	-140.5'	NONE
13	PUBLIC ROAD	6,056.6'	15.0'	6,071.6'	-56.7'	-139.0'	NONE
14	FENCE	6,062.4'	8.0'	6,070.4'	-56.3'	-103.4'	NONE
15	FENCE	6,063.5'	8.0'	6,071.5'	-44.9'	-54.4'	NONE
16	FENCE	6,059.8'	8.0'	6,067.8'	-58.9'	-50.9'	NONE
17	BUILDING 105	6,166.0'	12.2'	6,178.2'	-46.4'	-66.9'	NONE

TERRAIN LEGEND

	MAXIMUM
	CENTERLINE
	MINIMUM



DATE 10/2021
7° 39' E ± 0° 22'
ANNUAL RATE OF CHANGE: 0° 6' W
SOURCE: U.S. NOAA
0 300 Feet

SOURCES

* NOISE CONTOURS DERIVED FROM 2020 LAND USE STUDY COMPILED BY WOOLPERT, INC 2020. CONTOURS BASED ON ANNUAL SERVICE VOLUME

NOTES

1. EXISTING AND FUTURE CONDITIONS SHOWN AS (E)(F)
2. ALL HORIZONTAL COORDINATES - NAD83/2011
3. ALL VERTICAL COORDINATES - NAVD88
4. FILTERED OBSTRUCTIONS LEFT UNLABELED FOR MAP CLARITY DUE TO PROXIMITY TO MORE CRITICAL LABELED OBSTRUCTIONS

LEGEND

LEGEND ITEM	EXISTING	FUTURE
AIRPORT CONTROL POINT		SAME
AIRPORT PAVEMENT		
AIRPORT PAVEMENT MARKINGS		
AIRPORT PROPERTY BOUNDARY		SAME
APPROACH SURFACE (50:1/40:1)	AP 50:1 (E)	AP 50:1 (F)
BUILDING (OFF-AIRPORT)		SAME
DEPARTURE SURFACE (40:1)	DP 40:1 (E)	DP 40:1 (F)
FENCE (8' HEIGHT OR LESS)	FE	SAME
GATE		SAME
LOCALIZER		SAME
MALSR/ALSF2		SAME
NAVAID CRITICAL AREA		SAME
PRECISION OBJECT FREE ZONE (POFZ)		
ROAD		SAME
RUNWAY END LIGHT		SAME
RUNWAY OBJECT FREE AREA (ROFA)	ROFA(E)	ROFA(F)
RUNWAY OBJECT FREE ZONE (ROFZ)	ROFZ(E)	ROFZ(F)
RUNWAY PROTECTION ZONE (RPZ)	RPZ(E)	RPZ(F)
RUNWAY SAFETY AREA (RSA)	RSA(E)	RSA(F)
THRESHOLD SITING SURFACE (TSS)	TSS(E)	TSS(F)
WATER FEATURE		SAME
WIND CONE		SAME

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COLORADO SPRINGS AIRPORT

COLORADO SPRINGS AIRPORT (COS) COLORADO SPRINGS, CO

DES: K.D.
DR: S.C.
CH: T.D.
APP: T.D.

ISSUE RECORD

NO.	BY	DATE	DESCRIPTION

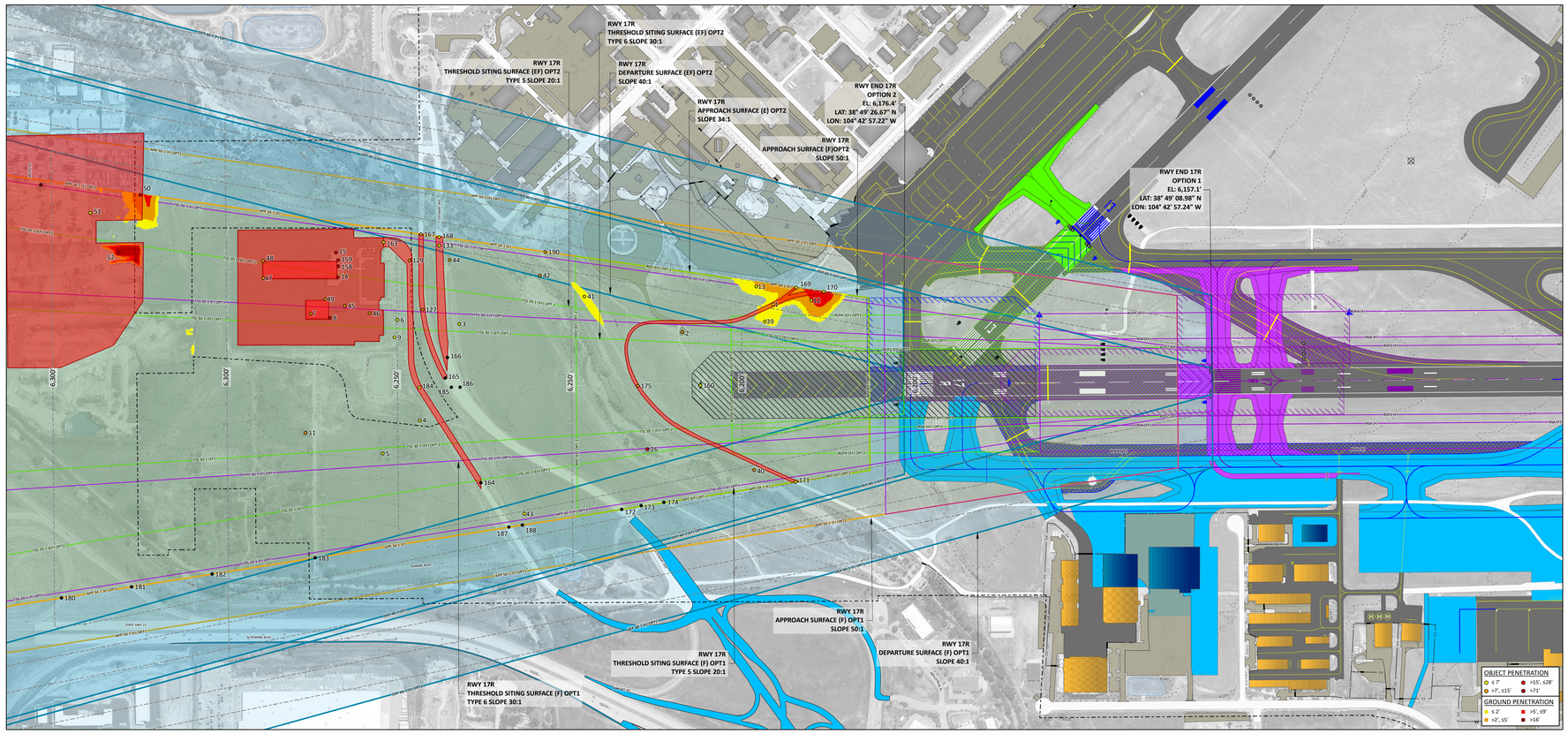
2022 AIRPORT LAYOUT PLAN

INNER PORTION OF THE APPROACH AND DEPARTURE SURFACE DRAWING 35R

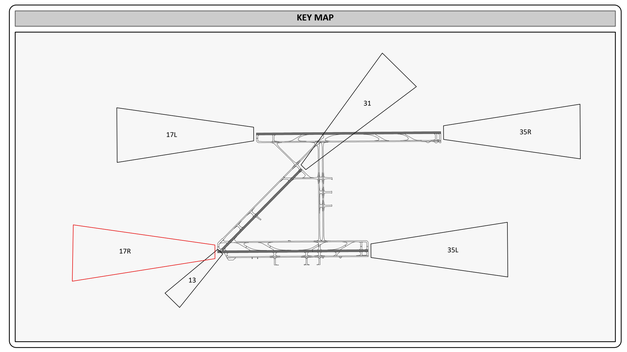
AIP PROJECT NUMBER: 3-08-0010-071-2021

JVIATION PROJ. NO. 2020.COS.01

DATE: DECEMBER 2022

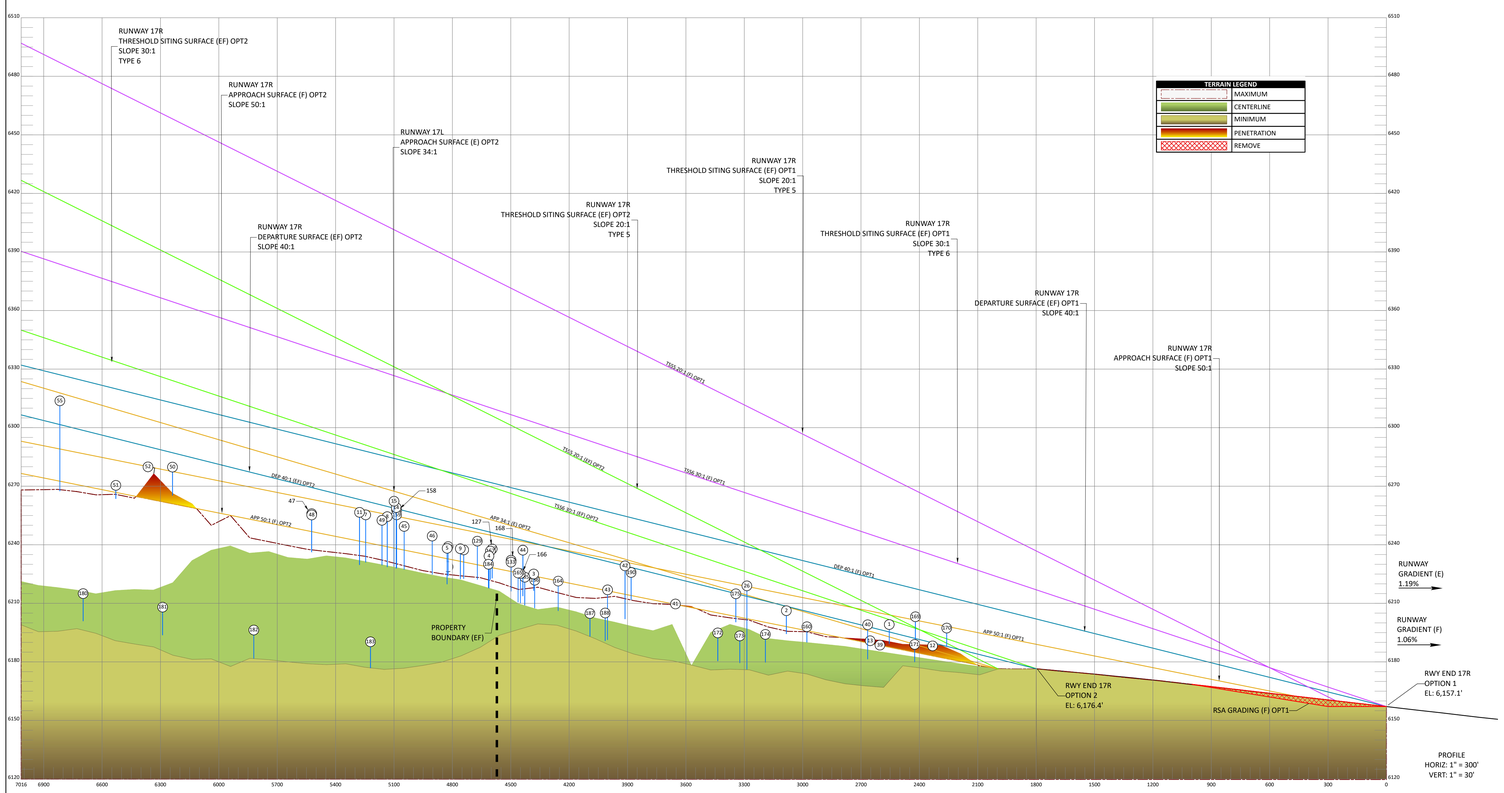


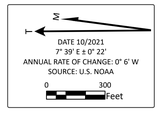
KEY MAP



RUNWAY 17R FUTURE P77 APPROACH AND DEPARTURE SURFACE OBSTRUCTION TABLE

REF #	OBJECT TYPE	GROUND ELEVATIO (MSL)	TOP OF OBJECT ELEVATION (AGL)	TOP OF OBJECT ELEVATION (MSL)	APPROACH SURFACE PENETRATION OPT1	DEPARTURE SURFACE PENETRATION OPT1	APPROACH SURFACE PENETRATION OPT2	DEPARTURE SURFACE PENETRATION OPT2	DISPOSITION
1	ACCESS CONTROLLED ROAD	6,189.1'	10.0'	6,199.1'	-4.9'	-21.6'	1.1'	-59.3'	LOWER
2	BUILDING	6,194.3'	12.0'	6,206.2'	-8.3'	-27.7'	8.2'	-2.4'	MARK/LIGHT
3	FENCE	6,216.6'	8.4'	6,225.0'	-15.4'	-41.1'	1.1'	-16.0'	MARK/LIGHT
4	POLE	6,217.8'	16.5'	6,234.3'	-10.9'	-37.9'	5.7'	-12.5'	MARK/LIGHT
5	TREE	6,220.2'	18.0'	6,238.2'	-11.2'	-39.3'	5.3'	-14.0'	REMOVE
6	FENCE	6,222.7'	14.7'	6,237.4'	-10.2'	-37.9'	6.3'	-12.6'	MARK/LIGHT
7	BUILDING	6,231.1'	24.2'	6,255.3'	-	-	14.2'	-	MARK/LIGHT
8	BUILDING	6,228.7'	25.7'	6,254.4'	-1.1'	-30.6'	15.5'	-5.3'	MARK/LIGHT
9	TREE	6,222.0'	15.4'	6,238.0'	-10.0'	-37.7'	6.5'	-12.4'	REMOVE
11	TREE	6,230.0'	26.6'	6,256.6'	-	-	14.7'	-	REMOVE
12	GROUND	6,188.2'	0.0'	6,188.2'	-11.4'	-27.0'	5.2'	-91.6'	LOWER
13	GROUND	6,190.8'	0.0'	6,190.8'	-15.1'	-32.3'	1.4'	-96.2'	LOWER
14	BUILDING	6,228.0'	31.0'	6,259.1'	4.5'	-24.8'	21.1'	0.5'	MARK/LIGHT
15	POLE	6,228.8'	33.5'	6,262.3'	7.6'	-21.8'	24.1'	3.5'	MARK/LIGHT
26	TREE	6,176.0'	42.9'	6,219.0'	0.2'	-20.2'	18.8'	5.1'	REMOVE
39	GROUND	6,188.6'	0.0'	6,188.6'	-16.4'	-33.4'	0.1'	-33.8'	LOWER
40	TREE	6,181.8'	17.3'	6,199.0'	-7.3'	-24.6'	9.2'	-60.1'	REMOVE
41	GROUND	6,209.7'	0.0'	6,209.7'	-16.2'	-38.4'	0.3'	-13.1'	LOWER
42	TREE	6,201.7'	25.5'	6,229.2'	-1.9'	-25.3'	14.7'	-2.3'	REMOVE
43	TREE	6,191.4'	23.5'	6,218.9'	-18.2'	-40.1'	0.4'	-38.5'	REMOVE
44	TREE	6,213.9'	23.4'	6,237.2'	-4.3'	-30.4'	12.3'	-5.1'	REMOVE
45	BUILDING	6,227.4'	22.0'	6,249.4'	-4.3'	-33.5'	12.2'	-8.1'	MARK/LIGHT
46	PARKING LOT	6,229.5'	15.0'	6,244.5'	-6.4'	-34.8'	10.1'	-9.5'	MARK/LIGHT
47	BUILDING	6,236.6'	19.3'	6,255.9'	-	-	9.3'	-	MARK/LIGHT
48	BUILDING	6,236.3'	18.9'	6,255.3'	-	-	8.6'	-	MARK/LIGHT
49	BUILDING	6,229.0'	22.9'	6,252.5'	-3.4'	-33.2'	13.1'	-7.8'	MARK/LIGHT
50	PARKING LOT	6,264.8'	15.0'	6,279.8'	-	-	18.9'	-	MARK/LIGHT
51	FENCE	6,264.0'	6.5'	6,270.4'	-	-	3.8'	-	MARK/LIGHT
52	GROUND	6,279.9'	0.0'	6,279.9'	-	-	16.5'	-	LOWER
55	TREE	6,267.9'	46.1'	6,313.7'	-	-	41.4'	-	REMOVE
127	PRIMARY ROAD	6,222.9'	15.0'	6,237.9'	-6.8'	-33.7'	9.7'	-6.4'	MARK/LIGHT
129	PRIMARY ROAD	6,226.8'	15.0'	6,241.8'	-4.3'	-31.6'	12.2'	-6.3'	MARK/LIGHT
133	PRIMARY ROAD	6,216.1'	15.0'	6,231.1'	-11.6'	-38.0'	4.9'	-23.1'	MARK/LIGHT
158	BUILDING	6,228.2'	29.5'	6,257.8'	3.3'	-26.0'	19.8'	-0.7'	MARK/LIGHT
159	BUILDING	6,228.5'	26.8'	6,255.3'	0.9'	-28.5'	17.4'	-3.1'	MARK/LIGHT
160	TOP OF LOC	6,190.1'	7.9'	6,198.0'	-14.5'	-33.4'	2.0'	-8.0'	MARK/LIGHT
163	PRIMARY ROAD	6,224.1'	15.0'	6,239.1'	-20.4'	-48.5'	6.5'	-52.7'	MARK/LIGHT
180	PRIMARY ROAD	6,200.0'	15.0'	6,215.0'	-	-	-55.3'	-	MARK/LIGHT
181	PRIMARY ROAD	6,193.0'	15.0'	6,208.0'	-	-	-54.3'	-	MARK/LIGHT
182	PRIMARY ROAD	6,181.3'	15.0'	6,196.3'	-	-	-56.7'	-	MARK/LIGHT
183	PRIMARY ROAD	6,175.3'	15.0'	6,190.3'	-	-	-50.7'	-	MARK/LIGHT
187	PRIMARY ROAD	6,189.8'	15.0'	6,204.8'	-30.1'	-54.5'	-13.7'	-69.9'	MARK/LIGHT
188	PRIMARY ROAD	6,190.0'	15.0'	6,205.0'	-28.3'	-52.3'	-11.8'	-70.7'	MARK/LIGHT
172	PRIMARY ROAD	6,179.8'	15.0'	6,194.8'	-18.9'	-48.1'	-10.5'	-89.0'	MARK/LIGHT
173	PRIMARY ROAD	6,178.3'	15.0'	6,193.3'	-26.2'	-46.8'	-9.8'	-90.8'	MARK/LIGHT
174	PRIMARY ROAD	6,179.1'	15.0'	6,194.1'	-22.8'	-42.7'	-6.3'	-92.5'	MARK/LIGHT
175	ACCESS CONTROLLED ROAD	6,199.9'	10.0'	6,204.9'	-4.9'	-25.6'	11.6'	-10.3'	MARK/LIGHT
185	PRIMARY ROAD	6,223.4'	15.0'	6,223.4'	-18.0'	-44.1'	-1.5'	-18.8'	MARK/LIGHT
186	PRIMARY ROAD	6,221.8'	15.0'	6,221.8'	-18.6'	-44.4'	-2.0'	-19.1'	MARK/LIGHT
164	PRIMARY ROAD	6,206.4'	15.0'	6,221.4'	-3388.5'	-3411.7'	-0.2'	-16.6'	MARK/LIGHT
165	PRIMARY ROAD	6,210.5'	15.0'	6,225.5'	-6242.1'	-6268.4'	0.5'	-17.5'	MARK/LIGHT
166	PRIMARY ROAD	6,210.2'	15.0'	6,225.2'	-6241.9'	-6268.0'	0.5'	-17.5'	MARK/LIGHT
167	PRIMARY ROAD	6,222.3'	15.0'	6,237.3'	-8.0'	-35.0'	8.9'	-32.0'	MARK/LIGHT
168	PRIMARY ROAD	6,217.5'	15.0'	6,232.5'	-10.6'	-37.0'	6.5'	-37.8'	MARK/LIGHT
169	PRIMARY ROAD	6,188.5'	10.0'	6,198.9'	1.8'	-14.2'	3.1'	-100.2'	MARK/LIGHT
170	PRIMARY ROAD	6,187.9'	10.0'	6,197.9'	-0.8'	-16.0'	6.3'	-103.3'	MARK/LIGHT
190	PRIMARY ROAD	6,210.8'	15.0'	6,225.8'	-4.6'	-27.7'	11.9'	-53.3'	MARK/LIGHT
171	ACCESS CONTROLLED ROAD	6,178.9'	10.0'	6,189.9'	-12.6'	-28.7'	4.8'	-108.3'	MARK/LIGHT
184	PRIMARY ROAD	6,230.0'	15.0'	6,245.0'	-15.1'	-42.1'	1.4'	-16.8'	MARK/LIGHT





SOURCES

- THE SITE PLAN AND LINE WORK IS BASED ON THE PLANIMETRIC MAPPING INFORMATION COMPILED BY WOOLPERT, INC. 2021

NOTES

1. EXISTING AND FUTURE CONDITIONS SHOWN AS (E)(F)
2. ALL HORIZONTAL COORDINATES - NAD83/2011
3. ALL VERTICAL COORDINATES - NAVD88
4. ALL ROAD ELEVATIONS INCLUDE TRAVERSEWAY ADJUSTMENTS OF 23' FOR RAILWAYS, 17' FOR INTERSTATE HIGHWAYS, 15' FOR OTHER PUBLIC ROADS AND 10' FOR PRIVATE ROADS
5. FILTERED OBSTRUCTIONS LEFT UNLABELED FOR MAP CLARITY DUE TO PROXIMITY TO MORE CRITICAL LABELED OBSTRUCTIONS
6. DRAWING DEPICTS ALTERNATIVE OPTIONS TO RESOLVE HOT SPOT 1. OPTION 1 BEING THE RELOCATION OF RUNWAY END 17R, OPTION 2 BEING THE RELOCATION OF RUNWAY END 13
7. MOST CRITICAL FUTURE DEVELOPMENT OPTION IS SHOWN TO REFLECT WORST CASE SCENARIO FOR FUTURE AIRSPACE

LEGEND

LEGEND ITEM	EXISTING	FUTURE
AIRPORT PAVEMENT		
AIRPORT PAVEMENT MARKINGS		
AIRPORT PROPERTY BOUNDARY		SAME
APPROACH SURFACE (34:1)	APP 34:1 (E)	APP 34:1 (F)
APPROACH SURFACE (50:1/40:1)	APP 50:1/40:1 (E)	APP 50:1/40:1 (F)
BUILDING (ON-AIRPORT)		
BUILDING PENETRATION	N/A	
DEPARTURE SURFACE (40:1)	DEP 40:1 (E)	DEP 40:1 (F)
FENCE (6' HEIGHT OR LESS)		SAME
FENCE (8' HEIGHT OR LESS)		SAME
GATE		SAME
GLIDE SLOPE ANTENNA		
LOCALIZER		
NAVAID CRITICAL AREA		
PAPI		SAME
PARKING AREA		SAME
PAVEMENT PENETRATION	N/A	
PRECISION OBJECT FREE ZONE (POFZ)		
REIL		
ROAD		
RUNWAY END LIGHT		SAME
RUNWAY OBJECT FREE AREA (ROFA)	ROFA(E)	ROFA(F)
RUNWAY OBJECT FREE ZONE (ROFZ)	ROFZ(E)	ROFZ(F)
RUNWAY PROTECTION ZONE (RPZ)	RPZ(E)	RPZ(F)
RUNWAY SAFETY AREA (RSA)	RSA(E)	RSA(F)
THRESHOLD SITING SURFACE (TSS)	TSS(E)	TSS(F)
TO BE REMOVED	N/A	

LEGEND FOR OPTIONS TO RESOLVE HOT SPOT 1

LEGEND ITEM	FUTURE
AIRSIDE PAVEMENT - OPTION 1	
AIRSIDE PAVEMENT - OPTION 2	
NAVAID CRITICAL AREA - OPTION 1	
PAVEMENT TO BE REMOVED - OPTION 1	
PAVEMENT TO BE REMOVED - OPTION 2	
RUNWAY PROTECTION STANDARD/THRESHOLD SITING SURFACE - OPTION 1	OPT 1

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COLORADO SPRINGS AIRPORT

COLORADO SPRINGS AIRPORT (COS) COLORADO SPRINGS, CO

DES: K.D.
DR: K.D.
CH: T.D.
APP: T.D.

ISSUE RECORD

NO.	BY	DATE	DESCRIPTION

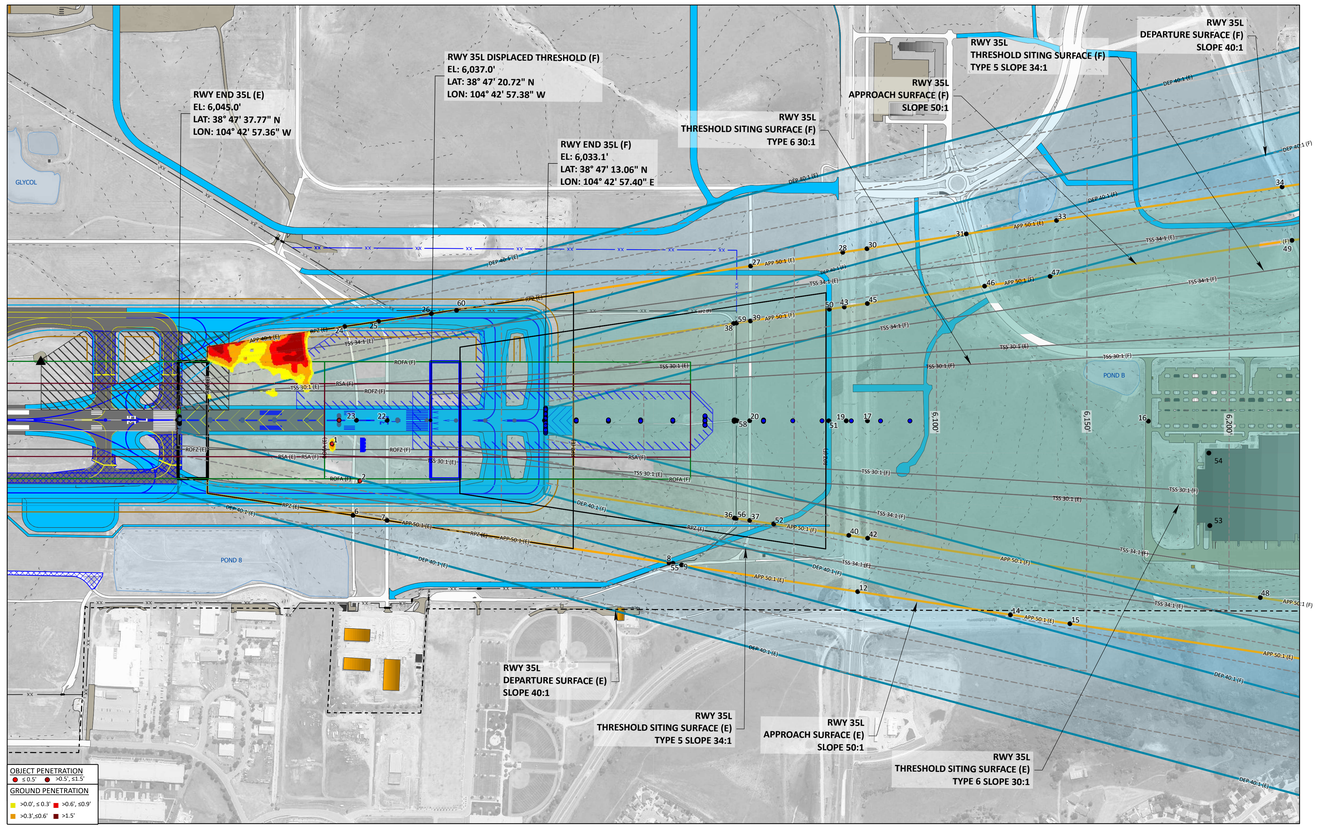
2022 AIRPORT LAYOUT PLAN

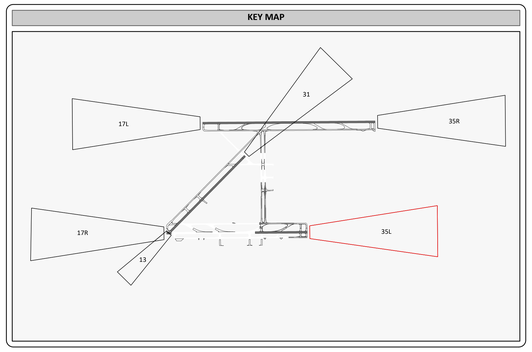
INNER PORTION OF THE APPROACH AND DEPARTURE SURFACE DRAWING 17R

AIP PROJECT NUMBER: 3-08-0010-071-2021

JVIATION PROJ. NO. 2020.COS.01

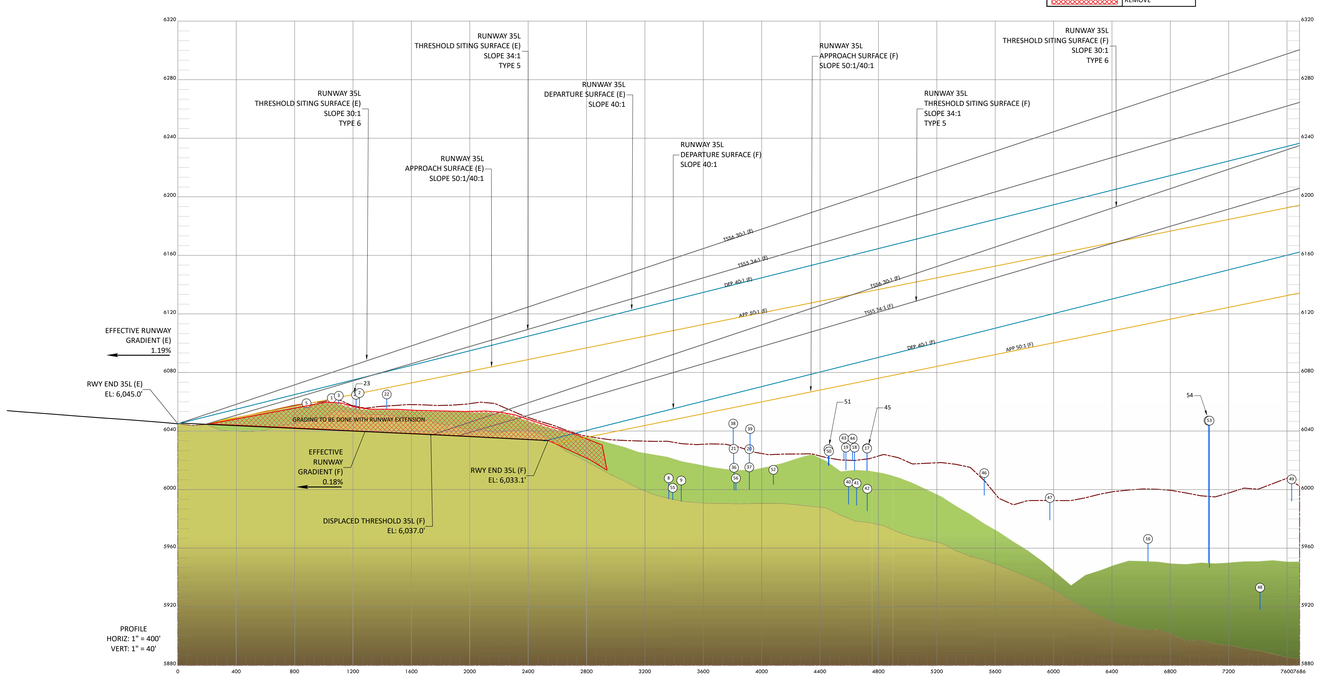
DATE: DECEMBER 2022

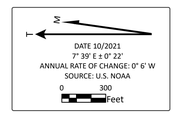




RUNWAY 35L EXISTING P77 APPROACH AND DEPARTURE SURFACE OBSTRUCTION TABLE							
REF #	OBJECT TYPE	GROUND ELEVATIO (MSL)	TOP OF OBJECT ELEVATION (AGL)	TOP OF OBJECT ELEVATION (MSL)	APPROACH SURFACE PENETRATION	DEPARTURE SURFACE PENETRATION	DISPOSITION
1	GROUND	6,062.5'	0.0'	6,062.5'	0.5'	-8.6'	LOWERED
2	BUILDING	6,055.4'	10.6'	6,066.0'	0.2'	-13.8'	MARK/LIGHT
3	TOP OF MALSR	6,058.5'	5.6'	6,064.1'	1.2'	-8.1'	FIXED BY FUNCTION
6	ACCESS CONTROLLED ROAD	6,051.7'	10.0'	6,061.7'	-3.1'	-98.1'	NONE
7	ACCESS CONTROLLED ROAD	6,051.7'	10.0'	6,061.7'	-7.8'	-94.8'	NONE
8	PUBLIC ROAD	5,992.8'	15.0'	6,007.8'	-100.2'	-124.1'	NONE
9	PUBLIC ROAD	5,991.2'	15.0'	6,006.2'	-103.6'	-124.5'	NONE
12	PUBLIC ROAD	5,978.3'	15.0'	5,993.3'	-140.5'	-167.6'	NONE
14	PUBLIC ROAD	5,946.2'	15.0'	5,961.2'	-193.5'	-225.7'	NONE
15	PUBLIC ROAD	5,930.1'	15.0'	5,945.1'	-217.7'	-252.0'	NONE
16	PUBLIC ROAD	5,951.3'	15.0'	5,966.3'	-207.3'	-244.2'	NONE
17	PUBLIC ROAD	6,013.1'	15.0'	6,028.1'	-107.1'	-134.4'	NONE
19	PUBLIC ROAD	6,013.7'	15.0'	6,028.7'	-103.5'	-130.2'	NONE
20	PUBLIC ROAD	6,012.6'	15.0'	6,027.6'	-91.4'	-114.7'	NONE
21	PUBLIC ROAD	6,012.8'	15.0'	6,027.8'	-89.1'	-111.9'	NONE
22	ACCESS CONTROLLED ROAD	6,055.0'	10.0'	6,065.0'	-4.5'	-15.4'	NONE
23	ACCESS CONTROLLED ROAD	6,054.8'	10.0'	6,064.8'	-0.5'	-10.4'	NONE
24	ACCESS CONTROLLED ROAD	6,056.8'	10.0'	6,066.8'	3.1'	-94.7'	NONE
25	ACCESS CONTROLLED ROAD	6,056.3'	10.0'	6,066.3'	-2.1'	-92.1'	NONE
26	ACCESS CONTROLLED ROAD	6,056.8'	10.0'	6,066.8'	-8.7'	-86.7'	NONE
27	PUBLIC ROAD	6,023.1'	15.0'	6,038.1'	-81.0'	-104.4'	NONE
28	PUBLIC ROAD	6,020.0'	15.0'	6,035.0'	-96.8'	-123.2'	NONE
30	PUBLIC ROAD	6,014.9'	15.0'	6,029.9'	-105.1'	-132.4'	NONE
31	PUBLIC ROAD	6,015.2'	15.0'	6,030.2'	-118.3'	-149.1'	NONE
33	PUBLIC ROAD	5,991.8'	15.0'	6,006.8'	-154.2'	-187.9'	NONE
34	PUBLIC ROAD	5,991.0'	15.0'	6,006.0'	-185.7'	-227.2'	NONE
51	ACCESS CONTROLLED ROAD	6,017.6'	10.0'	6,027.6'	-102.2'	-128.3'	NONE
53	BUILDING	5,946.6'	100.5'	6,047.1'	-134.8'	-173.9'	NONE
54	BUILDING	5,946.6'	100.5'	6,047.1'	-134.6'	-173.7'	NONE
55	FENCE	5,993.2'	8.0'	6,001.2'	-107.5'	-130.5'	NONE
58	FENCE	6,013.3'	8.0'	6,021.3'	-96.0'	-118.9'	NONE
60	FENCE	6,057.9'	8.0'	6,065.9'	-13.0'	-84.0'	NONE

RUNWAY 35L FUTURE P77 APPROACH AND DEPARTURE SURFACE OBSTRUCTION TABLE							
REF #	OBJECT TYPE	GROUND ELEVATIO (MSL)	TOP OF OBJECT ELEVATION (AGL)	TOP OF OBJECT ELEVATION (MSL)	APPROACH SURFACE PENETRATION	DEPARTURE SURFACE PENETRATION	DISPOSITION
16	PUBLIC ROAD	5,951.3'	15.0'	5,966.3'	-145.4'	-169.9'	NONE
17	PUBLIC ROAD	6,013.1'	15.0'	6,028.1'	-45.1'	-60.1'	NONE
19	PUBLIC ROAD	6,013.7'	15.0'	6,028.7'	-41.7'	-55.8'	NONE
20	PUBLIC ROAD	6,012.6'	15.0'	6,027.6'	-29.6'	-40.4'	NONE
21	PUBLIC ROAD	6,012.8'	15.0'	6,027.8'	-27.2'	-37.5'	NONE
36	PUBLIC ROAD	5,999.9'	15.0'	6,014.9'	-40.2'	-131.6'	NONE
37	PUBLIC ROAD	6,000.2'	15.0'	6,015.2'	-42.0'	-129.8'	NONE
38	PUBLIC ROAD	6,030.1'	15.0'	6,045.1'	-9.9'	-102.5'	NONE
39	PUBLIC ROAD	6,026.3'	15.0'	6,041.3'	-16.0'	-104.7'	NONE
40	PUBLIC ROAD	5,990.0'	15.0'	6,005.0'	-65.7'	-130.3'	NONE
42	PUBLIC ROAD	5,985.5'	15.0'	6,000.5'	-72.8'	-133.2'	NONE
43	PUBLIC ROAD	6,019.9'	15.0'	6,034.9'	-35.2'	-102.3'	NONE
45	PUBLIC ROAD	6,013.2'	15.0'	6,028.2'	-45.0'	-106.9'	NONE
46	PUBLIC ROAD	5,996.3'	15.0'	6,011.3'	-78.0'	-112.9'	NONE
47	PUBLIC ROAD	5,979.3'	15.0'	5,994.3'	-104.0'	-125.9'	NONE
48	PUBLIC ROAD	5,918.0'	15.0'	5,933.0'	-194.0'	-222.3'	NONE
49	PUBLIC ROAD	5,992.0'	15.0'	6,007.0'	-124.2'	-153.6'	NONE
50	ACCESS CONTROLLED ROAD	6,016.0'	10.0'	6,026.0'	-42.0'	-112.6'	NONE
51	ACCESS CONTROLLED ROAD	6,017.6'	10.0'	6,027.6'	-40.4'	-54.0'	NONE
52	ACCESS CONTROLLED ROAD	6,003.5'	10.0'	6,013.5'	-47.0'	-129.1'	NONE
53	BUILDING	5,946.6'	100.5'	6,047.1'	-73.0'	-99.6'	NONE
54	BUILDING	5,946.6'	100.5'	6,047.1'	-72.9'	-99.4'	NONE
56	FENCE	5,999.6'	8.0'	6,007.6'	-47.7'	-138.5'	NONE
58	FENCE	6,013.3'	8.0'	6,021.3'	-34.2'	-44.6'	NONE
59	FENCE	6,029.8'	8.0'	6,037.8'	-17.6'	-109.5'	NONE





SOURCES

* NOISE CONTOURS DERIVED FROM 2020 LAND USE STUDY COMPILED BY WOOLPERT, INC 2020. CONTOURS BASED ON ANNUAL SERVICE VOLUME

NOTES

1. EXISTING AND FUTURE CONDITIONS SHOWN AS (E)(F)
2. ALL HORIZONTAL COORDINATES - NAD83/2011
3. ALL VERTICAL COORDINATES - NAVD88
4. ALL ROAD ELEVATIONS INCLUDE TRAVERSEWAY ADJUSTMENTS OF 23' FOR RAILWAYS, 17' FOR INTERSTATE HIGHWAYS, 15' FOR OTHER PUBLIC ROADS AND 10' FOR PRIVATE ROADS
5. FILTERED OBSTRUCTIONS LEFT UNLABELED FOR MAP CLARITY DUE TO PROXIMITY TO MORE CRITICAL LABELED OBSTRUCTIONS

LEGEND

LEGEND ITEM	EXISTING	FUTURE
AIRPORT CONTROL POINT		
AIRPORT PAVEMENT		
AIRPORT PAVEMENT MARKINGS		
AIRPORT PROPERTY BOUNDARY		SAME
APPROACH SURFACE (50:1/40:1)	AP 50:1 (E)	AP 50:1 (F)
DEPARTURE SURFACE (40:1)	DP 40:1 (E)	DP 40:1 (F)
FENCE (8' HEIGHT OR LESS)		SAME
GATE		SAME
GLIDE SLOPE ANTENNA		
LOCALIZER		SAME
MALSR/ALSF-2		SAME
NAVAID CRITICAL AREA		
OFF-AIRPORT BUILDING		SAME
PAPI		
PRECISION OBJECT FREE ZONE (POFZ)		
ROAD		SAME
RUNWAY END LIGHT		SAME
RUNWAY OBJECT FREE AREA (ROFA)	ROFA(E)	ROFA(F)
RUNWAY OBJECT FREE ZONE (ROFZ)	ROFZ(E)	ROFZ(F)
RUNWAY PROTECTION ZONE (RPZ)	RPZ(E)	RPZ(F)
RUNWAY SAFETY AREA (RSA)	RSA(E)	RSA(F)
THRESHOLD SITING SURFACE (TSS)	TSS(E)	TSS(F)
TO BE REMOVED	N/A	
WATER FEATURE		SAME
WIND CONE		SAME

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COLORADO SPRINGS AIRPORT

COLORADO SPRINGS AIRPORT (COS) COLORADO SPRINGS, CO

DES: K.D.
DR: K.D.
CH: T.D.
APP: T.D.

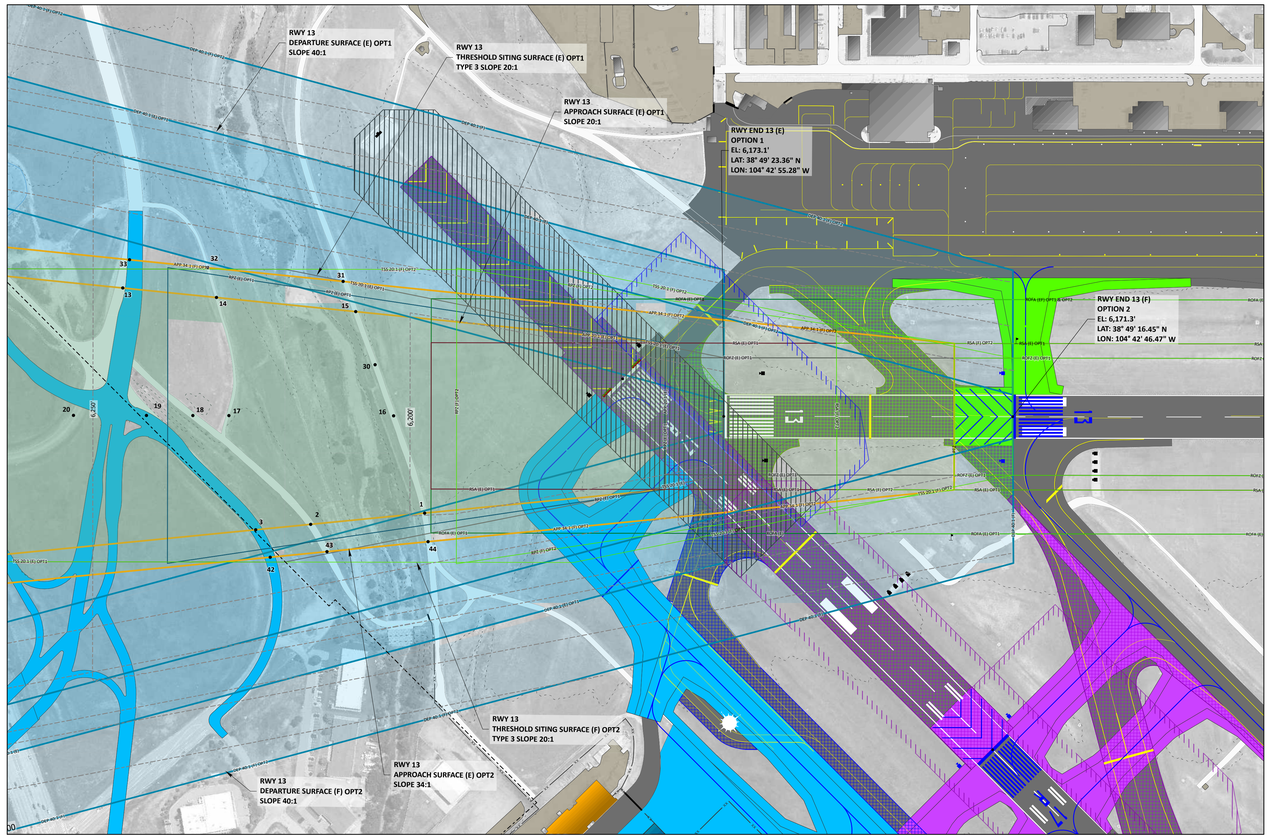
ISSUE RECORD

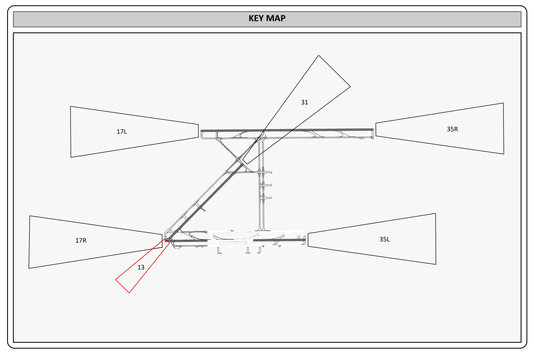
NO.	BY	DATE	DESCRIPTION

2022 AIRPORT LAYOUT PLAN

INNER PORTION OF THE APPROACH AND DEPARTURE SURFACE DRAWING 35L

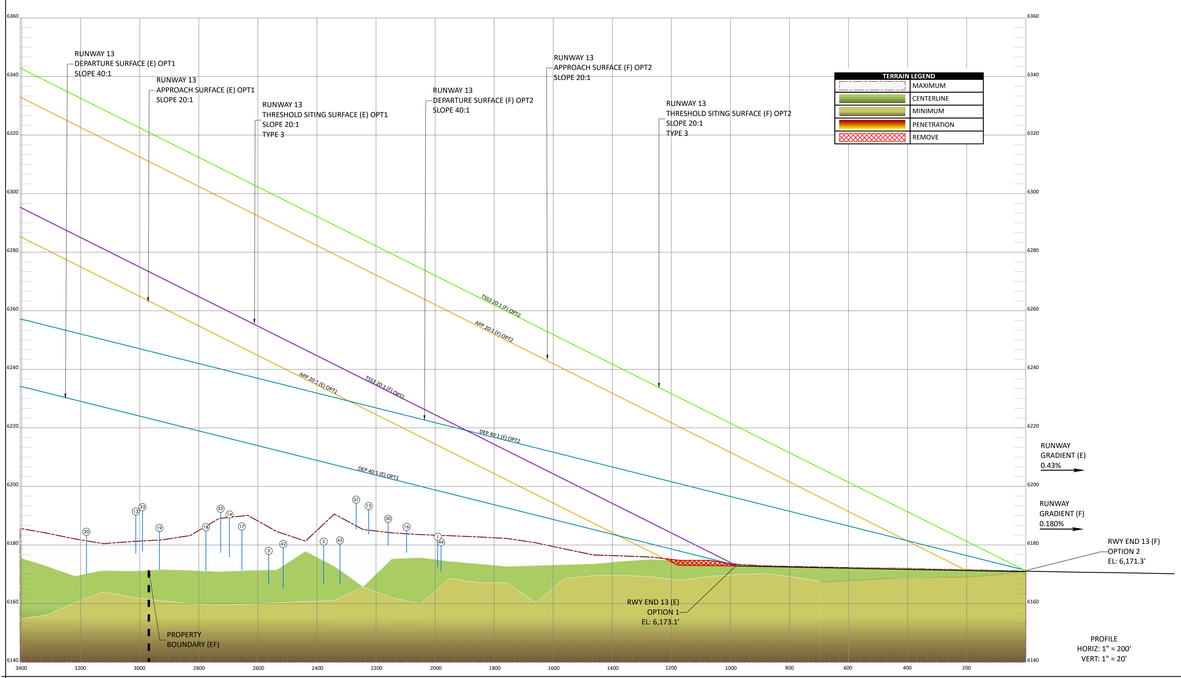
AIP PROJECT NUMBER: 3-08-0010-071-2021
JVIATION PROJ. NO. 2020.COS.01
DATE: DECEMBER 2022

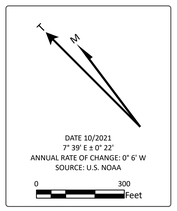




RUNWAY 13 FUTURE P77 APPROACH AND DEPARTURE SURFACE OBSTRUCTION TABLE

REF #	OBJECT TYPE	TOP OF OBJECT ELEVATION (AGL)	TOP OF OBJECT ELEVATION (MSL)	APPROACH SURFACE PENETRATION (EF)	DISPOSTION
1	CONTROLLED ACCESS ROAD	10'	6182.8'	-79.2'	NONE
2	PUBLIC ROAD	15'	6181.2'	-100.3'	NONE
3	PUBLIC ROAD	15'	6178.0'	-112.8'	NONE
13	PUBLIC ROAD	15'	6191.4'	-122.2'	NONE
14	PUBLIC ROAD	15'	6190.4'	-107.2'	NONE
15	CONTROLLED ACCESS ROAD	10'	6193.3'	-80.5'	NONE
16	CONTROLLED ACCESS ROAD	10'	6186.2'	-81.1'	NONE
17	PUBLIC ROAD	15'	6186.3'	-109.1'	NONE
18	PUBLIC ROAD	15'	6186.1'	-115.5'	NONE
19	PUBLIC ROAD	15'	6185.8'	-123.7'	NONE
20	PUBLIC ROAD	15'	6184.5'	-137.5'	NONE
30	CONTROLLED ACCESS ROAD	10'	6188.9'	-81.5'	NONE
31	CONTROLLED ACCESS ROAD	10'	6195.5'	-80.5'	NONE
32	PUBLIC ROAD	15'	6192.4'	-106.9'	NONE
33	PUBLIC ROAD	15'	6192.9'	-120.7'	NONE
42	PUBLIC ROAD	15'	6180.3'	-107.8'	NONE
43	PUBLIC ROAD	15'	6181.6'	-96.9'	NONE
44	CONTROLLED ACCESS ROAD	10'	6181.0'	-80.4'	NONE





SOURCES

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NOTES

1. EXISTING AND FUTURE CONDITIONS SHOWN AS (E)(F)
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5. FILTERED OBSTRUCTIONS LEFT UNLABELED FOR MAP CLARITY DUE TO PROXIMITY TO MORE CRITICAL LABELED OBSTRUCTIONS
6. DRAWING DEPICTS ALTERNATIVE OPTIONS TO RESOLVE HOT SPOT 1, OPTION 1 BEING THE RELOCATION OF RUNWAY END 17R, OPTION 2 BEING THE RELOCATION OF RUNWAY END 13

LEGEND

LEGEND ITEM	EXISTING	FUTURE
AIRPORT PAVEMENT		
AIRPORT PAVEMENT MARKINGS		
APPROACH SURFACE (20:1)		
BUILDING (OFF-AIRPORT)		SAME
BUILDING (ON-AIRPORT)		SAME
DEPARTURE SURFACE (40:1)		
FENCE (6' HEIGHT OR LESS)		SAME
FENCE (8' HEIGHT OR LESS)		SAME
GATE		SAME
LOCALIZER		SAME
NAVAID CRITICAL AREA		
PAPI		SAME
PARKING AREA		SAME
REIL		
ROAD		
RUNWAY END LIGHT		SAME
RUNWAY OBJECT FREE AREA (ROFA)		
RUNWAY OBJECT FREE ZONE (ROFZ)		
RUNWAY PROTECTION ZONE (RPZ)		
RUNWAY SAFETY AREA (RSA)		
THRESHOLD SITING SURFACE (TSS)		
TO BE REMOVED	N/A	
WIND CONE		SAME

LEGEND FOR OPTIONS TO RESOLVE HOT SPOT 1

LEGEND ITEM	FUTURE
AIRSIDE PAVEMENT - OPTION 1	
PAVEMENT TO BE REMOVED - OPTION 1	
AIRSIDE PAVEMENT - OPTION 2	
PAVEMENT TO BE REMOVED - OPTION 2	
NAVAID CRITICAL AREA - OPTION 1	
RUNWAY PROTECTION STANDARD/THRESHOLD SITING SURFACE - OPTION 2	

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COLORADO SPRINGS AIRPORT

COLORADO SPRINGS AIRPORT (COS) COLORADO SPRINGS, CO

DES: K.D.
DR: S.C.
CH: T.D.
APP: T.D.

ISSUE RECORD

NO.	BY	DATE	DESCRIPTION

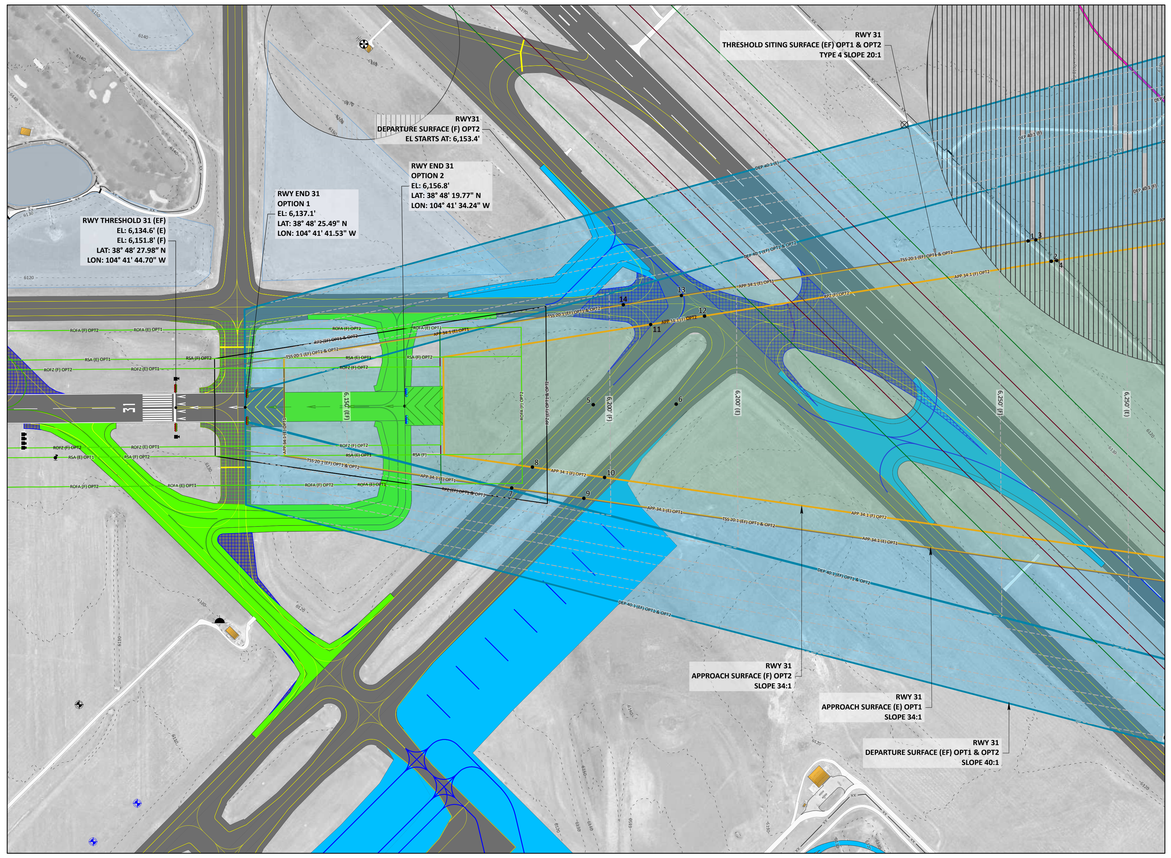
2022 AIRPORT LAYOUT PLAN

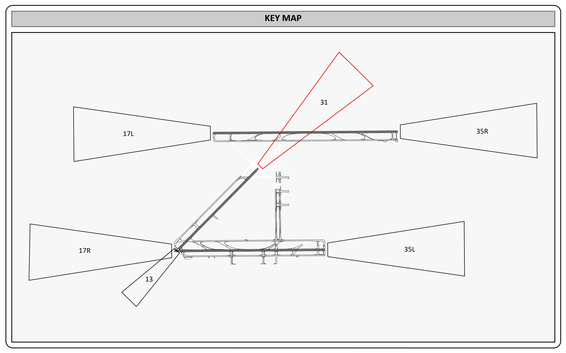
INNER PORTION OF THE APPROACH AND DEPARTURE SURFACE DRAWING 13

AIP PROJECT NUMBER: 3-08-0010-071-2021

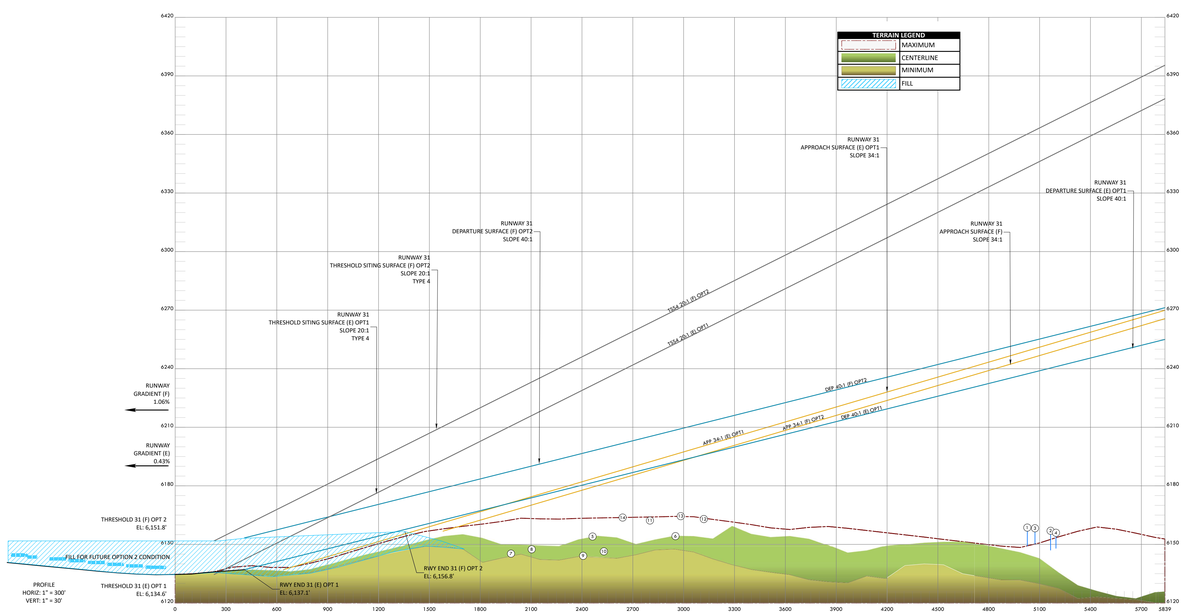
JVIATION PROJ. NO. 2020.COS.01

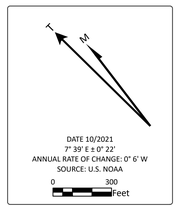
DATE: DECEMBER 2022





RUNWAY 31 FUTURE P77 APPROACH AND DEPARTURE SURFACE OBSTRUCTION TABLE							
REF #	OBJECT TYPE	GROUND ELEVATION (MSL)	TOP OF OBJECT ELEVATION (AGL)	TOP OF OBJECT ELEVATION (MSL)	APPROACH SURFACE PENETRATION	DEPARTURE SURFACE PENETRATION	DISPOSITION
1	ACCESS CONTROLLED ROAD	6,148.6'	10.0'	6,158.6'	-89.9'	-95.1'	NONE
2	ACCESS CONTROLLED ROAD	6,147.0'	10.0'	6,157.0'	-91.5'	-99.7'	NONE
3	FENCE	6,150.3'	8.0'	6,158.3'	-90.7'	-96.4'	NONE
4	FENCE	6,148.0'	8.0'	6,156.0'	-93.2'	-101.4'	NONE
5	TAXIWAY	6,154.0'	-	6,154.0'	-25.2'	-43.8'	NONE
6	TAXIWAY	6154.2'	-	6,154.2'	-37.5'	-54.2'	NONE
7	TAXIWAY	6,145.3'	-	6,145.3'	-	-42.1'	NONE
8	TAXIWAY	6,147.5'	-	6,147.5'	-22.5'	-42.5'	NONE
9	TAXIWAY	6,144.2'	-	6,144.2'	-	-52.4'	NONE
10	TAXIWAY	6,146.4'	-	6,146.4'	-34.4'	-52.8'	NONE
11	TAXIWAY	6,162.3'	-	6,162.3'	-26.0'	-43.0'	NONE
12	TAXIWAY	6,163.0'	-	6,163.0'	-33.4'	-49.2'	NONE
13	TAXIWAY	6,164.5'	-	6,164.5'	-	-44.8'	NONE
14	TAXIWAY	6,163.8'	-	6,163.8'	-	-38.0'	NONE





SOURCES

- THE SITE PLAN AND LINE WORK IS BASED ON THE PLANIMETRIC MAPPING INFORMATION COMPILED BY WOOLPERT, INC. 2021

NOTES

1. EXISTING AND FUTURE CONDITIONS SHOWN AS (E)(F)
2. ALL HORIZONTAL COORDINATES - NAD83/2011
3. ALL VERTICAL COORDINATES - NAVD88
4. ALL ROAD ELEVATIONS INCLUDE TRAVERSEWAY ADJUSTMENTS OF 23' FOR RAILWAYS, 17' FOR INTERSTATE HIGHWAYS, 15' FOR OTHER PUBLIC ROADS AND 10' FOR PRIVATE ROADS
5. FILTERED OBSTRUCTIONS LEFT UNLABELED FOR MAP CLARITY DUE TO PROXIMITY TO MORE CRITICAL LABELED OBSTRUCTIONS
6. DRAWING DEPICTS ALTERNATIVE OPTIONS TO RESOLVE HOT SPOT 1, OPTION 1 BEING THE RELOCATION OF RUNWAY END 17R, OPTION 2 BEING THE RELOCATION OF RUNWAY END 13

LEGEND

LEGEND ITEM	EXISTING	FUTURE
AIRPORT PAVEMENT		
AIRPORT PAVEMENT MARKINGS		
AIRPORT PROPERTY BOUNDARY		SAME
AIRPORT REFERENCE POINT		
APPROACH SURFACE (34:1)	APP 34:1 (E)	APP 34:1 (F)
BUILDING (ON-AIRPORT)		SAME
DEPARTURE SURFACE (40:1)	DEP 40:1 (E)	DEP 40:1 (F)
FENCE (8' HEIGHT OR LESS)	8	SAME
FENCE (8' HEIGHT OR LESS)	8	SAME
GATE		SAME
LOCALIZER		SAME
NAVAID CRITICAL AREA		SAME
PACS OR SACS		SAME
PAPI		
PARKING AREA		SAME
REIL		
ROAD		SAME
ROTATING BEACON		SAME
RUNWAY END LIGHT		
RUNWAY OBJECT FREE AREA (ROFA)	ROFA(E)	ROFA(F)
RUNWAY OBJECT FREE ZONE (ROFZ)	ROFZ(E)	ROFZ(F)
RUNWAY PROTECTION ZONE (RPZ)	RPZ(E)	RPZ(F)
RUNWAY SAFETY AREA (RSA)	RSA(E)	RSA(F)
THRESHOLD SITING SURFACE (TSS)	TSS(E)	TSS(F)
TO BE REMOVED	N/A	
WIND CONE		SAME

LEGEND FOR OPTIONS TO RESOLVE HOT SPOT 1

LEGEND ITEM	FUTURE
AIRSIDE PAVEMENT - OPTION 2	
PAVEMENT TO BE REMOVED - OPTION 2	
PDFZ - OPTION 2	
RUNWAY PROTECTION STANDARD/THRESHOLD SITING SURFACE - OPTION 2	OPT 1

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COLORADO SPRINGS AIRPORT

COLORADO SPRINGS AIRPORT (COS) COLORADO SPRINGS, CO

DES: K.D.
DR: S.C.
CH: T.D.
APP: T.D.

ISSUE RECORD

NO.	BY	DATE	DESCRIPTION

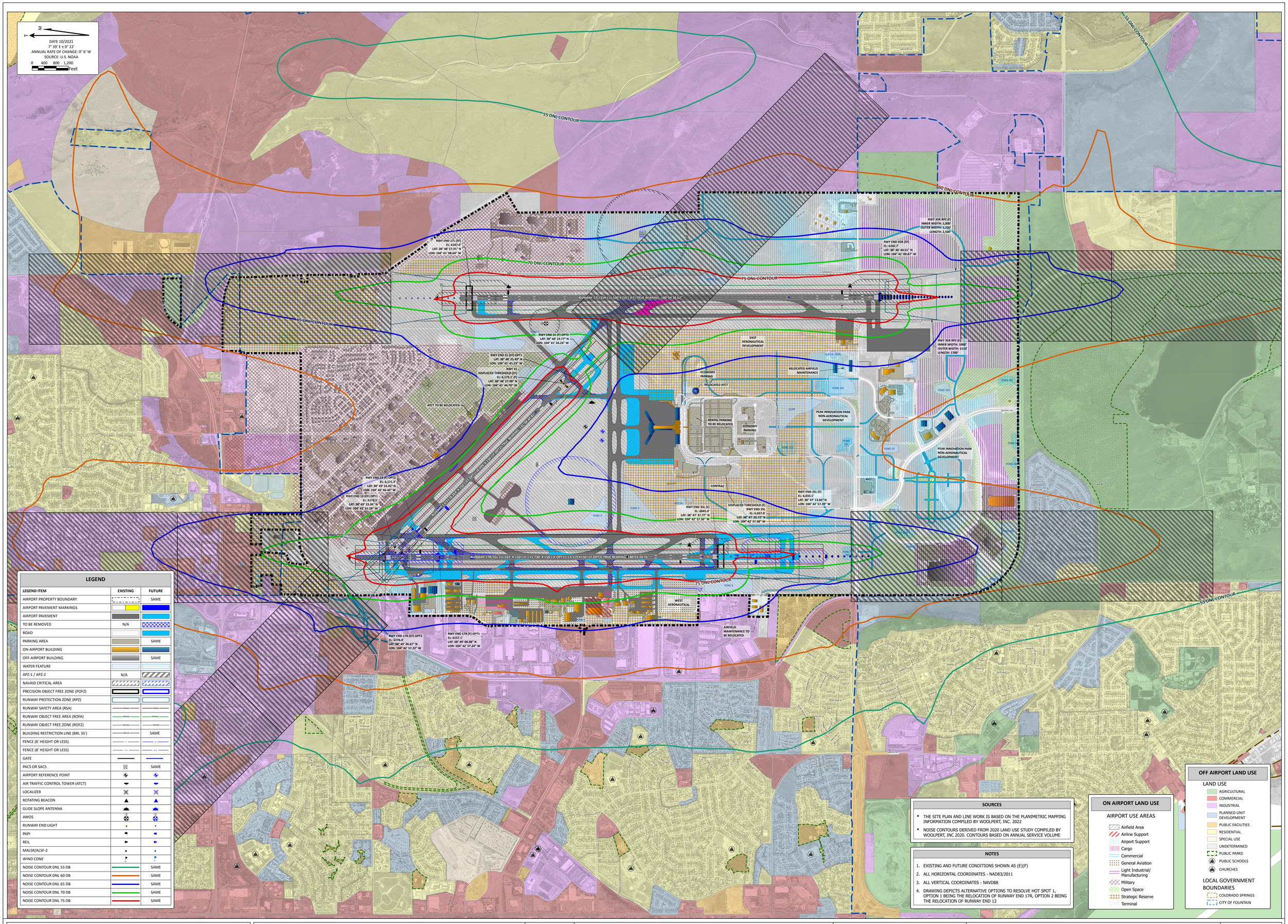
2022 AIRPORT LAYOUT PLAN

INNER PORTION OF THE APPROACH AND DEPARTURE SURFACE DRAWING 31

AIP PROJECT NUMBER: 3-08-0010-071-2021

JVIATION PROJ. NO. 2020.COS.01

DATE: DECEMBER 2022



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COLORADO SPRINGS AIRPORT (COS) COLORADO SPRINGS, CO

DES: S.J.
DR: K.D.
CH: T.D.
APP: T.D.

ISSUE RECORD

NO.	BY	DATE	DESCRIPTION

2022 AIRPORT LAYOUT PLAN

LAND USE DRAWING

AIP PROJECT NUMBER: 3-08-0010-071-2021
JVIATION PROJ. NO. 2020.COS.01
DATE: JANUARY 2023

SHEET NO. 17 of 18

8°41'E

N

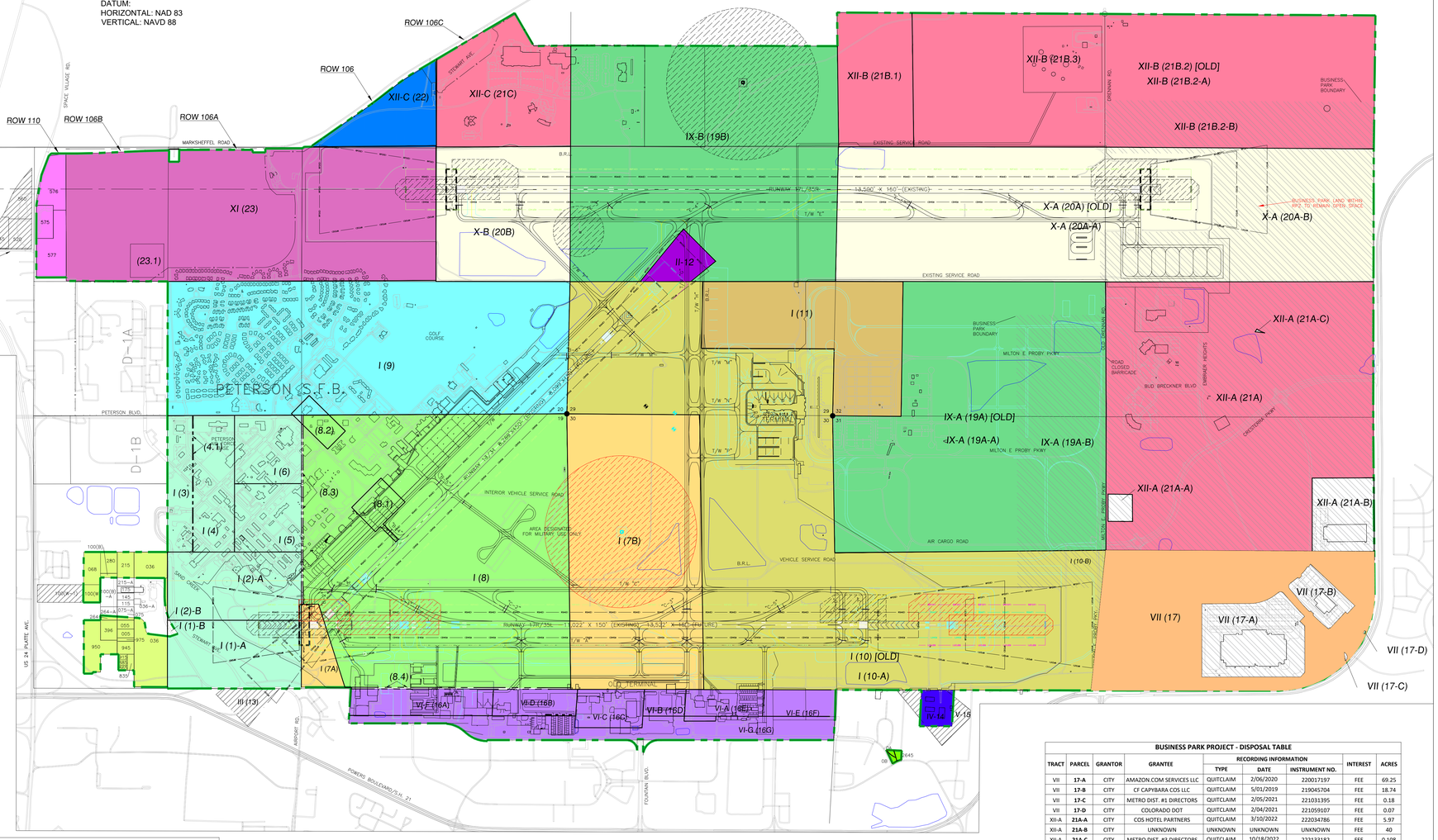
DATE: 6/2011 ANNUAL RATE OF CHANGE: 0°7'

HORIZONTAL SCALE

1000 0 1000 2000

(IN FEET)

DATUM:
HORIZONTAL: NAD 83
VERTICAL: NAVD 88



LEGEND

	EXISTING	FUTURE
AIRPORT PROPERTY LINE		
EASEMENTS		
PAVEMENT/ AIRPORT DEVELOPMENT SITE		
AIRFIELD PAVEMENT	N/A	
BUILDINGS		
BUILDING RESTRICTION LINES	B.R.L.	B.R.L.
RUNWAY SAFETY AREA	RSA(1) RSA(2) RSA(3) RSA(4)	RSA(1) RSA(2) RSA(3) RSA(4)
RUNWAY OBJECT FREE AREA	ROFA(1) ROFA(2) ROFA(3)	ROFA(1) ROFA(2) ROFA(3) ROFA(4)
RUNWAY PROTECTION ZONE	RPZ(1) RPZ(2) RPZ(3)	RPZ(1) RPZ(2) RPZ(3)
NAVAID CRITICAL AREA		
SECTION CORNER		SAME
ROADS AND PARKING AREAS		
GROUND CONTOURS		
PONDS, LAKES, STREAMS, ETC		SAME
FENCE LINE		
AIRPORT BEACON		SAME
AIRPORT SECURITY RADAR (ASR)		
AIRPORT REFERENCE POINT		
BUSINESS PARK		SAME

BUSINESS PARK PROJECT - DISPOSAL TABLE

TRACT	PARCEL	GRANTOR	GRANTEE	RECORDING INFORMATION TYPE	DATE	INSTRUMENT NO.	INTEREST	ACRES
VII	**17-A**	CITY	AMAZON.COM SERVICES LLC	QUITCLAIM	2/06/2020	220017197	FEE	69.25
VII	**17-B**	CITY	CF CAPYBARA COS LLC	QUITCLAIM	5/01/2019	219045704	FEE	18.74
VII	**17-C**	CITY	METRO DIST. #1 DIRECTORS	QUITCLAIM	2/05/2021	221031395	FEE	0.18
VII	**17-D**	CITY	COLORADO DOT	QUITCLAIM	2/04/2021	221059107	FEE	0.07
XII-A	**21A-A**	CITY	COS HOTEL PARTNERS	QUITCLAIM	3/10/2022	222034786	FEE	5.97
XII-A	**21A-B**	CITY	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	FEE	40
XII-A	**21A-C**	CITY	METRO DIST. #3 DIRECTORS	QUITCLAIM	10/18/2022	222133182	FEE	0.108

AIRPORT PROPERTY TABLE

TRACT	PARCEL	GRANTOR	GRANTEE	RECORDING INFORMATION TYPE	LIBER	DATE	BOOK	PAGE	INTEREST	ACRES	FEDERAL PROJECT	PURPOSE OF ACQUISITION
I	**1**		CITY			5/14/1942	1004	545	FEE	80.86	9-05-020-6201	AIRPORT DEVELOPMENT
I	**2**		CITY			7/24/1941	1004	196	FEE	81.95	9-05-020-6201	AIRPORT DEVELOPMENT
I	**3**		CITY			6/18/1942	1004	548	FEE	30.00	9-05-020-6201	AIRPORT DEVELOPMENT +
I	**4**		CITY			6/10/1942	1004	545	FEE	50.00	9-05-020-6201	AIRPORT DEVELOPMENT +
	4.1		CITY			UNKNOWN			R-O-W	0.90	NON-FED	-
I	**5**		CITY			3/26/1941	1004	64	FEE	41.00	9-05-020-6201	AIRPORT DEVELOPMENT +
I	**6**		CITY			11/5/1937	935	540	FEE	41.00	9-05-020-6201	AIRPORT DEVELOPMENT +
I	**7A**		CITY			12/26/1942	1019	212	FEE	22.00	9-05-020-6201	AIRPORT DEVELOPMENT +
I	**7B**		CITY			12/26/1942	1019	212	FEE	326.00	9-05-020-6201	AIRPORT DEVELOPMENT +
I	**8**		CITY			10/24/1927	847	207	FEE	627.00	9-05-020-6201	AIRPORT DEVELOPMENT +
	8.1		USA			4/14/1977	2914	6	UNKNOWN	13.39	NON-FED	-
	8.2		USA			7/9/1968	UNKNOWN		UNKNOWN	11.48	NON-FED	-
	8.3		CITY			UNKNOWN			R-O-W	2.62	NON-FED	-
	8.4		CITY			UNKNOWN			R-O-W	3.01	NON-FED	-
I	**9**		CITY			6/1/1942	1004	533	FEE	477.00	9-05-020-6201	AIRPORT DEVELOPMENT +
I	**10**		CITY			5/18/1942	1004	516	FEE	890.00	9-05-020-6201	AIRPORT DEVELOPMENT +
	10-A		CITY							879.00	-	-
BP	**10-B**		CITY			*Released for Business Park development.*				11.00	-	-
I	**11**		CITY			3/15/1943	1019	339	FEE	160.00	9-05-020-6201	AIRPORT DEVELOPMENT +
II	**12**		CITY			11/19/1963	1988	989	FEE	18.60	9-05-020-6205	APPROACH PROTECTION (RPZ) +
III	**13**		PRIVATE			11/12/1964	2043	961	AVIG. EASEMENT	11.50	9-05-020-6205	APPROACH PROTECTION (RPZ)
IV	**14**		CITY			5/5/1961	1857	152	FEE	10.00	9-05-020-6206	APPROACH PROTECTION (RPZ) +
V	**15**		PRIVATE			8/5/1960	1842	143	AVIG. EASEMENT	19.50	9-05-020-6206	APPROACH PROTECTION (RPZ)
VI-F	**16A**		CITY			7/22/1968	2244	688	FEE (1/2)	34.00	8-08-0010-01	AIRPORT DEVELOPMENT +
			CITY			7/22/1968	2244	682	FEE (1/4)		8-08-0010-01	AIRPORT DEVELOPMENT +
			CITY			7/22/1968	2244	684	FEE (1/4)		8-08-0010-01	AIRPORT DEVELOPMENT +
VI-D	**16B**		CITY			7/18/1966	2140	308	FEE (1/2)	20.00	8-08-0010-01	AIRPORT DEVELOPMENT +
			CITY			7/18/1966	2140	311	FEE (1/2)		8-08-0010-01	AIRPORT DEVELOPMENT +
VI-C	**16C**		CITY			9/9/1970	2363	759	FEE (1/4)	23.00	NON-FED	- +
			CITY			7/30/1965	2086	33	FEE (1/2)		NON-FED	- +
			CITY			7/30/1965	2086	34	GIFT (1/2)		NON-FED	- +
VI-B	**16D**		CITY			7/18/1966	2140	308	FEE (1/2)	10.00	8-08-0010-01	AIRPORT DEVELOPMENT +
			CITY			7/18/1966	2140	311	FEE (1/2)		8-08-0010-01	AIRPORT DEVELOPMENT +
VI-A	**16E**		CITY			6/1/1967	2182	725	FEE	20.00	8-08-0010-01	AIRPORT DEVELOPMENT +
			CITY			7/22/1968	2244	688	FEE (1/2)	16.00	8-08-0010-01	AIRPORT DEVELOPMENT +
VI-E	**16F**		CITY			7/22/1968	2244	682	FEE (1/4)		8-08-0010-01	AIRPORT DEVELOPMENT +
			CITY			7/22/1968	2244	684	FEE (1/4)		8-08-0010-01	AIRPORT DEVELOPMENT +
VI-G	**16G**		CITY			1/10/1968	2217	5	FEE (1/4)	77.00	NON-FED	- +
			CITY			9/9/1970	2363	759	FEE (1/4)		NON-FED	- +
			CITY			12/21/1972	2548	401	FEE (1/4)		NON-FED	- +
			CITY			1/15/1973	2553	928	FEE (1/4)		NON-FED	- +
VII	**17**		CITY			11/6/1970	2374	7	FEE	327.00	8-08-0010-02	APPROACH PROTECTION/AIRPORT DEV.
	17		CIDC			10/8/1985	5072	143	UNKNOWN	17.80	NON-FED	-
BP	**17**		CITY			*Released for Business Park development.*				309.20	-	-
VII	**18**		PRIVATE			UNKNOWN			AVIG. EASEMENT	67.00	8-08-0010-02	APPROACH PROTECTION/AIRPORT DEV.
	19A		CITY			7/19/1974	2691	839	FEE	574.00	8-08-0010-05	APPROACH PROTECTION/AIRPORT DEV. +
IX-A	**19A-A**		CITY				-			415.00	-	-
BP	**19A-B**		CITY			*Released for Business Park development.*				159.00	-	-
IX-A	**19B**		CITY			7/19/1974	2691	839	FEE	544.00	8-08-0010-05	APPROACH PROTECTION/AIRPORT DEV. +
	20A		CITY			12/17/1976	2882	189	FEE	644.53	8-08-0010-05	APPROACH PROTECTION/AIRPORT DEV. +
X-A	**20A-A**		CITY				-			418.00	-	-
BP	**20A-B**		CITY			*Released for Business Park development.*				226.00	-	-
X-B	**20B**		CITY			12/17/1976	2882	189	FEE	161.92	8-08-0010-05	APPROACH PROTECTION/AIRPORT DEV. +

AIRPORT PROPERTY TABLE

	TRACT	PARCEL	GRANTOR	GRANTEE	RECORDING INFORMATION TYPE	LIBER	DATE	BOOK	PAGE	INTEREST	ACRES	PROJECT	PURPOSE OF ACQUISITION	
BP	XII-A	**21A**		CITY			12/23/1977	2993	386	FEE	640.00	8-08-0010-05	APPROACH PROTECTION/AIRPORT DEV.	+
	XII-B	**21B.1**		CITY			12/23/1977	2993	386	FEE	90.00	8-08-0010-07	APPROACH PROTECTION/AIRPORT DEV.	+
		21B.2		CITY			12/23/1977	2993	386	FEE	550.00	8-08-0010-08	APPROACH PROTECTION/AIRPORT DEV.	+
	XII-B	**21B.2-A**		CITY							438.00	-	-	
BP		**21B.2-B**		CITY			*Released for Business Park development.*				112.00	-	-	
	XII-C	**21C**	COS LAND HOLDING CORP	CITY	SPEC. WARRANTY DEED	389696	12/23/1977	2993	386	FEE	160.00	8-08-0010-05	APPROACH PROTECTION/AIRPORT DEV.	+
	XII-C	**21C**		CIDC			10/8/1985	5072	143	FEE	17.18	NON-FED	-	
	XII-C	**22**	CENTENNIAL INVESTMENT	CITY	DEED	01308753	10/8/1985	5072	142	FEE	53.16	NON-FED	LAND PROPERTY EXCHANGE/AIRPORT DEV.	+
	XI	**23**	COLUMBIA CORP.	CITY	DEED	176485	9/11/1975	2776	520	FEE	541.00	8-08-0010-05	APPROACH PROTECTION/AIRPORT DEV.	+
		23	CITY	USA	QUITCLAIM DEED	581341	7/30/1979	3207	902	AVIG. EASEMENT	170.86	NON-FED	APPROACH PROTECTION/AIRPORT DEV.	
		23.1	SCHOOL DIST. 11	CITY	SPEC. WARRANTY DEED		2/24/2021	221037251		FEE	11.20	NON-FED	APPROACH PROTECTION/AIRPORT DEV.	
	01	**001**		PRIVATE			9/28/1995	6608	1404	DEV. RIGHTS	23.94	3-08-0010-20	NOISE COMPATIBILITY	
	01	**002**		PRIVATE			9/28/1995	6608	1404	DEV. RIGHTS	2.54	3-08-0010-23	NOISE COMPATIBILITY	
*	03	**575**		CITY			7/23/1992	6013	81	FEE	5.00	3-08-0010-12	NOISE COMPATIBILITY	+
	03	**576**	JOHN VALENTINE LEONE	CITY	WARRANTY DEED	002175836	7/23/1992	6013	81	FEE	10.86	3-08-0010-19	APPROACH PROTECTION	+
	03	**577**		CITY			7/23/1992	6013	81	FEE	15.66	NON-FED	-	+
EX	03	**560**		CITY			10/19/1993	6286	1498	FEE	6.50	3-08-0010-15	NOISE COMPATIBILITY	
				PRIVATE			7/17/1996	RECEPTION NO. 96088831		AVIG. EASEMENT	7.74	NON-FED	-	
EX	03	**520**		CITY			7/28/1993	6223	308	FEE	9.97	3-08-0010-15	NOISE COMPATIBILITY	
				PRIVATE			12/1/1995	6774	1228	AVIG. EASEMENT	6.00	NON-FED	-	
EX	03	**545**		CITY			7/1/1993	6205	538	FEE	2.26	3-08-0010-17	NOISE COMPATIBILITY	
				PRIVATE			12/1/1995	6774	1230	AVIG. EASEMENT	4.00	NON-FED	-	
	03	**ROW**		EL PASO CTY			6/2/1999	RECEPTION NO. 99087783		R-O-W	0.35	NON-FED	-	
	03	**553**		PRIVATE			UNKNOWN	UNKNOWN		DEV. RIGHTS	2.94	3-08-0010-17	NOISE COMPATIBILITY	
*	03	**635**	BANK ONE COLORADO	CITY	WARRANTY DEED	99001268/69	1/5/1999	B-2	64	FEE	19.62	3-08-0010-23	NOISE COMPATIBILITY	+
*	08	**036**		CITY			7/8/1992	6005	798	FEE	24.03	3-08-0010-12	NOISE COMPATIBILITY	
*	08	**215**		CITY			10/13/1993	6282	1357	FEE	3.75	3-08-0010-17	NOISE COMPATIBILITY	
*	08	**075**		CITY			7/8/1996	RECEPTION NO. 96088833		FEE	0.42	3-08-0010-23	NOISE COMPATIBILITY	
*	08	**055**		CITY			7/17/1996	RECEPTION NO. 96088832		FEE	1.23	3-08-0010-23	NOISE COMPATIBILITY	+
*	08	**005**		CITY			4/22/1993	6157	951	FEE	1.23	3-08-0010-15	NOISE COMPATIBILITY	+
*	08	**975**		CITY			6/5/1992	5988	639	FEE	0.46	3-08-0010-12	NOISE COMPATIBILITY	+
*	08	**945**		CITY			6/16/1992	5993	740	FEE	1.71	3-08-0010-12	NOISE COMPATIBILITY	+
*	08	**835**		CITY			5/13/1992	5976	1131	FEE	1.00	3-08-0010-12	NOISE COMPATIBILITY	+
*	08	**915**		CITY			3/19/1992	5949	565	FEE	0.44	3-08-0010-17	NOISE COMPATIBILITY	+
*	08	**885**		CITY			7/31/1992	6016	715	FEE	0.44	3-08-0010-14	NOISE COMPATIBILITY	+
*	08	**865**		CITY			2/8/1993	6118	1311	FEE	0.44	3-08-0010-15	NOISE COMPATIBILITY	+
*	08	**950**		CITY			6/23/1992	5997	492	FEE	9.97	3-08-0010-14	NOISE COMPATIBILITY	+
*	08	**396**		CITY			1/21/1998	RECEPTION NO. 98007480		FEE	2.97	3-08-0010-23	NOISE COMPATIBILITY	+
*	08	**264**		CITY			7/28/1993	6223	306	FEE	0.56	3-08-0010-15	NOISE COMPATIBILITY	
*	08	**100(B)**		CITY			4/13/1994	6424	1122	FEE	0.61	3-08-0010-17	NOISE COMPATIBILITY	
*	08	**100(W)**		CITY			1/3/1994	6350	195	FEE	10.00	3-08-0010-14	NOISE COMPATIBILITY	+
		100(W)		CITY			*Retained*				2.50	3-08-0010-14	NOISE COMPATIBILITY	+
EX		**100(W-1)**		PRIVATE			10/16/1996	RECEPTION NO. 96132238		AVIG/ACCESS ESMT	7.13	-	-	
*	08	**280**		CITY			9/14/1993	6259	494	FEE	3.19	3-08-0010-15	NOISE COMPATIBILITY	+
*	08	**068**		CITY			10/8/1996	6259	494	FEE	4.46	3-08-0010-14	NOISE COMPATIBILITY	+
	09	**0A**		CITY			5/4/2005	-	-	FEE	0.38	-	AVIATION WAY CULVERT	+
	09	**08**		CITY			5/9/2007	-	-	FEE	0.31	-	AVIATION WAY CULVERT	+
	09	**2645**		CITY			5/4/2005	-	-	FEE	0.54	-	AVIATION WAY CULVERT	+

MARKSHEFFEL ROAD SOUTH CORRIDOR IMPROVEMENT PROJECT - DISPOSAL INFORMATION

TRACT	PARCEL	ROW PARCEL #	FAA RELEASE DATE	APPROVED LAND USE CHANGE	DISPOSAL ACREAGE	PUBLIC LAND REFERENCE (PLR) ASSESSOR #	BOOK	PAGE	ENCUMBRANCES
XII-C	21C	106C	7/27/2015	PUBLIC RIGHT-OF-WAY	1.286	-	2993	386	RIGHT-OF-FLIGHT
XII-C	22	106	7/27/2015	PUBLIC RIGHT-OF-WAY	3.057	-	5072	142	RIGHT-OF-FLIGHT
XI	23	106A	7/27/2015	PUBLIC RIGHT-OF-WAY	1.216	-	2776	520	RIGHT-OF-FLIGHT
	23	106B	7/27/2015	PUBLIC RIGHT-OF-WAY	2.995	-	2776	520	RIGHT-OF-FLIGHT
03	576	110	7/27/2015	PUBLIC RIGHT-OF-WAY	0.676	-	2776	520	RIGHT-OF-FLIGHT
03	635	119	7/27/2015	PUBLIC RIGHT-OF-WAY	0.332	99001268 & 99001269	-	-	RIGHT-OF-FLIGHT

VECTOR SITE PROJECT - DISPOSAL INFORMATION

TRACT	PARCEL	FAA RELEASE DATE	APPROVED LAND USE CHANGE	DISPOSAL ACREAGE	PUBLIC LAND REFERENCE (PLR) ASSESSOR #	BOOK	PAGE	ENCUMBRANCES
08	036-A	7/14/2017	NON-AERONAUTICAL	14.58	-	6005	798	RIGHT-OF-FLIGHT
08	215-A	7/14/2017	NON-AERONAUTICAL	1.25	-	6282	142	RIGHT-OF-FLIGHT
08	175	7/14/2017	NON-AERONAUTICAL	1.04	-	6225	520	RIGHT-OF-FLIGHT
08	145	7/14/2017	NON-AERONAUTICAL	1.04	-	5978	520	RIGHT-OF-FLIGHT
08	115	7/14/2017	NON-AERONAUTICAL	1.04	76085758	-	-	RIGHT-OF-FLIGHT
08	075-A	7/14/2017	NON-AERONAUTICAL	1.54	76088833	-	-	RIGHT-OF-FLIGHT
08	264-A	7/14/2017	NON-AERONAUTICAL	1.37	-	6223	306	RIGHT-OF-FLIGHT
08	100(B)-A	7/14/2017	NON-AERONAUTICAL	4.39	-	6424	1122	RIGHT-OF-FLIGHT
I	1-B	7/14/2017	NON-AERONAUTICAL	1.14	-	1004	545	RIGHT-OF-FLIGHT
I	2-B	7/14/2017	NON-AERONAUTICAL	.05	-	1004	196	RIGHT-OF-FLIGHT

NOTES:

1. All graphic information, except for boundary lines, Tables, notes and details about land parcels, was Imported from data provided by Isbill Assoc., Inc. (file name: cos-alp.Dwg, dated: 6/16/97)
2. This is not a plat nor boundary survey. The information presented was assembled from land transactions of records provided by the city of Colorado Springs and its consultants.
3. Recorded information after 980701 contains reception numbers in place of book and pages.
4. All property disclosure brought forward from the 2005 Exhibit "A".
5. Multiple plats exist within the Colorado Springs Airport boundary:

   Colorado Springs Airport and Industrial Park Filing No. 1 – Reception No. 94150256
   Colorado Springs Airport and Industrial Park Filing No. 2 – Reception No. 94150257
   Colorado Springs Airport Filing No. 1 – Reception No. 201029279
   Colorado Springs Airport Filing No. 1A – Reception No. 209712938

6. Multiple parcels purchased by Colorado Springs Airport have been disposed of through conversion to AIP Eligible uses, exchanged as part of the Noise Land Reuse Plan or released for development of the Airport Business Park. Disposed of parcels are identified in the parcel table with the following symbols:

   * These Noise Land parcels have been disposed through conversion to AIP–eligible land use for approach and departure protection. Noise Land Reuse Plan Accepted by FAA on June 30, 2010.

   EX These Noise Land parcels have been disposed through exchange. Noise Land Reuse Plan accepted by FAA on June 30, 2010.

   BP These parcels have been released for long–term development associated with the Airport Business Park. FAA Land Release for Leasing Plan accepted on January 10, 2006.

   + These parcels have been included to calculate the acres owned by the City of Colorado Springs. Sales and transactions listed below the initial purchase of the indicated parcels have been subtracted from the acreage calculation. The acreage calculated from the data totals 7,444 acres.

COLORADO SPRINGS AIRPORT MASTER PLAN 2021

The preparation of this document may have been supported, in part, through the Airport Improvement Program financial assistance from the Federal Aviation Administration (Project Number 3–08–0010–49) as provided under Title 49 U.S.C., Section 47104. The contents do not necessarily reflect the official views or policy of the FAA. Acceptance of this report by the FAA does not in any way constitute a commitment on the part of the United States to participate in any development depicted therein nor does it indicate that the proposed development is environmentally acceptable or would have justification in accordance with appropriate public laws."

CITY OF COLORADO SPRINGS MUNICIPAL AIRPORT
COLORADO SPRINGS, COLORADO
Airport Master Plan

JVIATION
A WOOLPERT COMPANY

ISSUE RECORD

NO.	BY	DATE	DESCRIPTION
1	J.A.R.	12/15	REVISED ALP
2	RS&H	8/18	REVISED ALP
3	JVI	12/22	REVISED ALP

E.R. PROJECT NUMBER:		DATE:
WXY4800		12/2022
DESIGNED:	DRAWN: J.G.N.	CHECKED: T.D.	APPROVED: T.D.

DRAWING PATH\NAME:
\---\PLANS\
COS_Exhibit A_JN.dwg
REFERENCE DRAWING PATH\NAME:
\---\---\XREF\...

EXHIBIT 'A' AIRPORT PROPERTY INVENTORY MAP

SHEET 18 OF 18

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