

# AIRPORT LAYOUT PLAN

## for

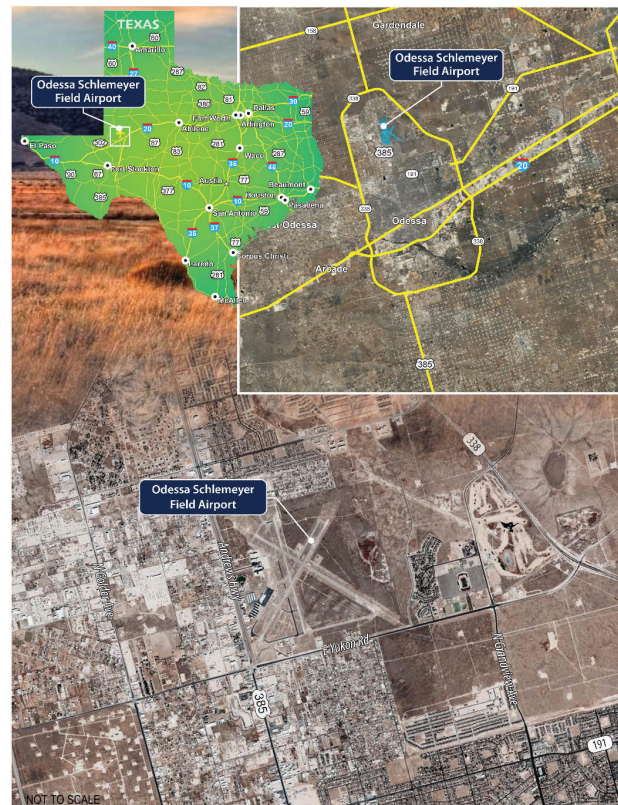
# ODESSA-SCHLEMEYER FIELD

## Odessa, Texas

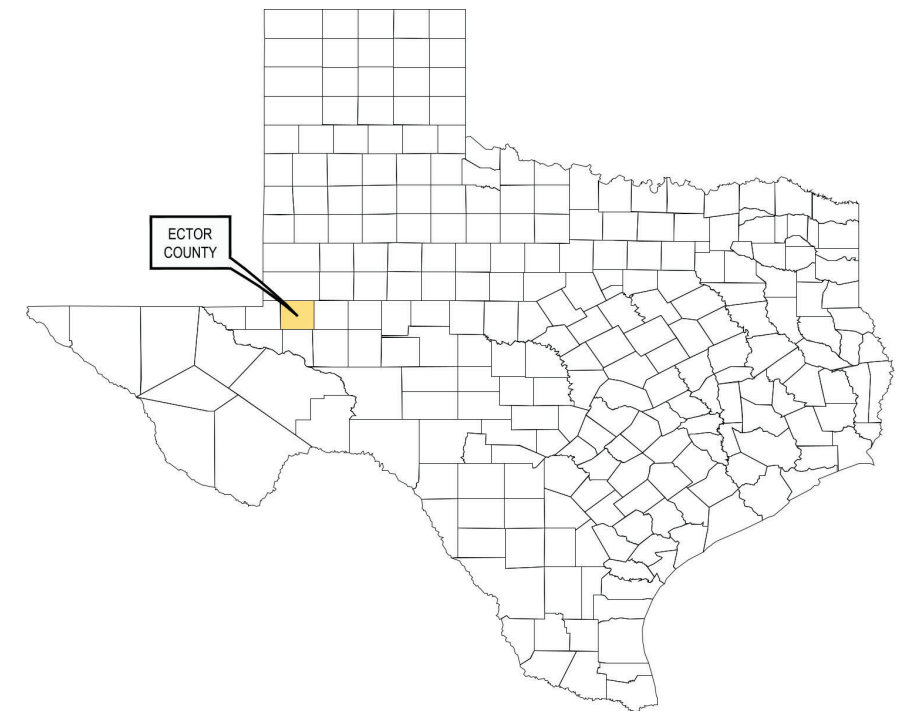
*Prepared for  
Ector County, Texas*

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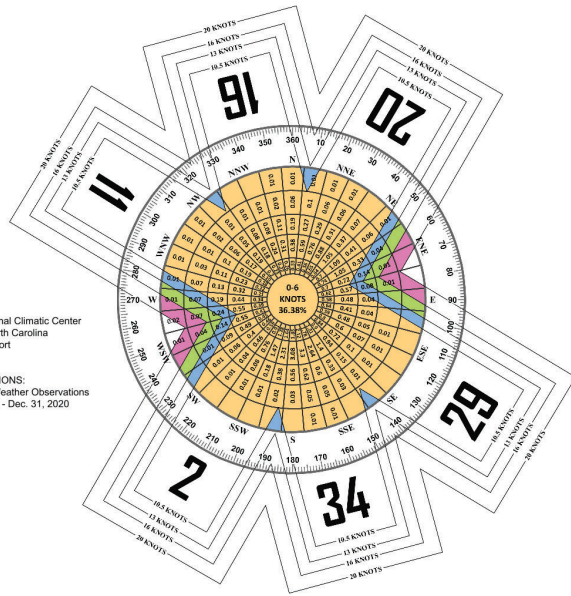
LOCATION & VICINITY MAP



<p style="text-align: center; font-weight: bold;">TEXAS DEPARTMENT OF TRANSPORTATION AVIATION DIVISION</p> <p style="font-size: small;">ALP APPROVED ACCORDING TO FAA AC 150/5300-13A PLUS THE REQUIREMENTS OF A FAVORABLE ENVIRONMENTAL FINDING AND FAA NHA STUDY PRIOR TO THE START OF ANY LAND ACQUISITION OR CONSTRUCTION ON AIRPORT PROPERTY.</p> <p style="font-size: x-small;">COPYRIGHT 2017 TXDOT AVIATION DIVISION. ALL RIGHTS RESERVED.</p> <hr/> <p style="font-size: x-small;">Dan Harmon, DIRECTOR, AVIATION DIVISION</p> <p style="text-align: right;">DATE</p>	<p style="text-align: center; font-weight: bold;">AIRPORT SPONSOR</p> <p style="font-size: x-small;">CURRENT AND FUTURE DEVELOPMENT DEPICTED ON THIS ALP IS APPROVED AND SUPPORTED BY AIRPORT SPONSOR. SPONSOR ACKNOWLEDGES APPROVAL OF ALP BY TXDOT DOES NOT CONSTITUTE A COMMITMENT TO FUNDING.</p> <p style="text-align: center; font-size: large; font-weight: bold; color: red;">DRAFT</p> <hr/> <p style="font-size: x-small;">SIGNATURE</p> <p style="text-align: right;">DATE</p> <hr/> <p style="font-size: x-small;">TITLE, AIRPORT SPONSOR'S REPRESENTATIVE</p>
<p style="font-size: x-small;">PREPARED BY: 12920 Metcalf Avenue Suite 200 Overland Park, KS 66213 (816) 524-3500, Fax (816) 524-2575</p> <p style="font-size: x-small;">Coffman Phoenix Office: 4833 E. Cactus Road Suite 235 Scottsdale, AZ 85254 (602) 993-6999, Fax (7196)</p>	<div style="text-align: center;"> <p style="font-weight: bold; color: red;">Coffman Associates Airport Consultants <a href="http://www.coffmanassociates.com">www.coffmanassociates.com</a></p> </div> <hr/> <p style="font-size: x-small;">C. BURKS DESIGNED BY</p> <p style="text-align: right;">JUNE 2023 DATE</p> <hr/> <p style="font-size: x-small;">D. PRZYBYCIEN DRAWN BY</p> <p style="text-align: right;">JUNE 2023 DATE</p>
<p style="font-weight: bold;">TITLE SHEET</p> <p style="font-weight: bold;">ODESSA-SCHLEMEYER FIELD</p> <p style="font-weight: bold;">ODESSA, TEXAS</p>	
<p style="font-size: x-small;">Texas Department of Transportation Aviation Division</p>	
<p style="font-size: x-small;">SHEET 1 OF 20</p>	

NO.	REVISIONS	BY	CHK'D	DATE

ALL WEATHER WIND COVERAGE				
Runways	10.5 Knots	13 Knots	16 Knots	20 Knots
Runway 11-29	77.51%	87.44%	95.67%	98.94%
Runway 2-20	87.00%	93.43%	97.86%	99.44%
Runway 16-34	86.87%	92.30%	97.06%	99.13%
All Runways	98.68%	99.58%	99.90%	99.99%



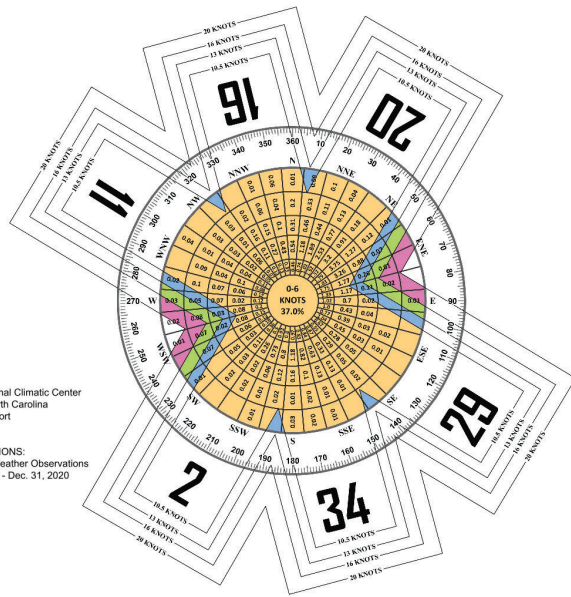
SOURCE:  
NOAA National Climatic Center  
Ashville, North Carolina  
Odessa Airport  
Odessa, TX

OBSERVATIONS:  
96,003 All Weather Observations  
Jan. 1, 2011 - Dec. 31, 2020

RUNWAY DATA TABLE	RUNWAY 11-29				RUNWAY 2-20				RUNWAY 16-34			
	EXISTING		ULTIMATE		EXISTING		ULTIMATE		EXISTING		ULTIMATE	
Runway Identification	11	29	11	29	2	20	2	20	16	34	16	34
Runway Design Code (RDC)	B-II-4000		C-II-4000		B-II-5000		C-II-2400		B-II-VIS		B-II-5000	
Approach Reference Code (APRC)	D/IV/4000 & D/IV/4000		Same		B/III/4000 & D/III/4000		B/IV/2400 & D/IV/2400		B/III/4000 & D/III/4000		Same	
Departure Reference Code (DPRC)	D/IV, D/IV		Same		B/III, D/II		Same		B/III, D/II		Same	
Runway Surface Material	Asphalt		Same		Asphalt		Same		Asphalt		Same	
Runway Pavement Strength By Wheel Loading (in thousands of lbs.)	30 (S)		60(D)		14 (S)		60(D)		14 (S)		Same	
Runway Pavement Strength by PCN	N/A		Same		N/A		Same		N/A		Same	
Runway Surface Treatment	None		Same		None		Same		None		Same	
Runway Effective Gradient	0.10%		0.08%		0.90%		0.84%		0.57%		Same	
All Weather Runway Percent Wind Coverage	10.5 knots		77.51		87.00		87.00		86.87		86.87	
	13 knots		87.44		93.43		93.43		92.30		92.30	
	16 knots		95.67		97.86		97.86		97.06		97.06	
	20 knots		98.94		99.44		99.44		99.13		99.13	
Runway Dimensions (L x W)	6200x100'		6800x100'		5703x75'		7003x100'		5003x75'		Same	
Runway End Coordinates	Latitude	31°55'34.71"	31°55'03.35"	31°55'37.74"	Same	31°54'50.64"	31°55'03.35"	Same	31°55'50.85"	31°54'50.78"	31°54'53.04"	Same
	Longitude	102°23'36.78"	102°22'34.95"	102°23'42.76"	Same	102°23'33.63"	102°22'34.95"	Same	102°22'53.42"	102°23'26.95"	102°23'11.61"	Same
Runway End Elevation	2973.6' msl		2958.2' msl		2974.0' msl		3003.6' msl		2986.6' msl		2986.2' msl	
	2973.6' msl		2958.2' msl		2974.0' msl		3003.6' msl		2986.6' msl		2986.2' msl	
Runway Displaced Threshold Coordinates	Latitude	N/A	N/A	31°55'34.71"	N/A	N/A	N/A	31°55'01.80"	N/A	N/A	N/A	Same
	Longitude	N/A	N/A	102°23'36.78"	N/A	N/A	N/A	102°23'26.18"	N/A	N/A	N/A	Same
Runway Displaced Threshold Distance	N/A		600.0'		N/A		1298.0'		N/A		Same	
Runway Displaced Threshold Elevation	N/A		2973.6'		N/A		2958.2'		N/A		Same	
Runway Safety Area Dimensions (width x length beyond end) - Design Std.	150x300'		150x300'		500x1000'		500x1000'		150x300'		150x300'	
Runway Safety Area Dimensions (width x length beyond end) - Actual	150x300'		150x300'		500x1000'		500x1000'		150x300'		150x300'	
Runway Lighting Type	MIRL				MIRL				MIRL			
Runway Protection Zone Dimensions	1700x1000x1510'		1700x1000x1510'		1000x500x700'		1000x500x700'		1700x1000x1750'		1000x500x700'	
Runway Marking Type	Nonprecision				Nonprecision				Nonprecision			
14 CFR Part 77 Approach Slope	34:1		34:1		20:1		34:1		20:1		34:1	
14 CFR Part 77 Approach Type	Nonprecision		Nonprecision		Visual		Nonprecision		Visual		Nonprecision	
Approach Visibility Minimums	3/4 Mile		3/4 Mile		1 Mile		1 Mile		1 Mile		1 Mile	
Type of Aeronautical Survey Required for Approach	VG		VG		NVG		NVG		VG		VG	
Departure Surface (Yes or N/A)*	Yes		Yes		Yes		Yes		N/A		Yes	
Runway Object Free Area Dimensions (width x length beyond end)	500x300'		500x300'		800x1000'		800x1000'		500x300'		500x300'	
Runway Obstacle Free Zone Dimension (width x length beyond end)	400x200'		400x200'		400x200'		400x200'		400x200'		400x200'	
13B Approach Surfaces*	5.6		5.6		3		4.6		3		4	
Runway Visual and Instrument NavAids	MALS, MIRL, PAPI-4, LPV		MALS, MIRL, PAPI-4, LPV		Same		Same		MIRL, PVASI, Windcone, LNAV		LPV, PAPI-4, REIL's	
Touchdown Zone Elevation (TDZE)	2977.6' msl		2979.5' msl		2977.6' msl		Same		2970.9' msl		3003.6' msl	
Vertical Datum	NAD 83											
Horizontal Datum	NAVD 88											

\*AC 150/5300-13B Tables 3-2, 3-3, & 3-4

IFR WIND COVERAGE				
Runways	10.5 Knots	13 Knots	16 Knots	20 Knots
Runway 11-29	71.61%	81.90%	92.39%	97.43%
Runway 2-20	92.18%	95.87%	98.22%	99.24%
Runway 16-34	78.84%	87.43%	95.26%	98.63%
All Runways	98.44%	99.48%	99.82%	99.97%



SOURCE:  
NOAA National Climatic Center  
Ashville, North Carolina  
Odessa Airport  
Odessa, TX

OBSERVATIONS:  
9,714 IFR Weather Observations  
Jan. 1, 2011 - Dec. 31, 2020

AIRPORT DATA		
City: Odessa	Owner: Ector County	
Airport Name & ID: Odessa-Schlemeyer Field (KODO)	EXISTING	ULTIMATE
Airport Reference Code (ARC)	B-II	C-II
Mean Maximum Temperature of Hottest Month	95.3 July	
Airport Elevation (NAVD 88)	3003.6'	
Airport Navigational Aids	Airport Beacon, MALS (11,29), PAPI-4 (11,29), PAPI-2 (16,34), PVASI (2,20), LPV (11,29), LNAV (20), VOR-A	Airport Beacon, MALS (11,29), MALS (20), PAPI-4 (11,29,2,20), PAPI-2 (16,34), REILs (2,16,34), LPV (11,29,2,20), LNAV (16,34), VOR-A, Taxiway Reflectors (16,34)
Airport Reference Point (ARP) Coordinates	Latitude: 31°55'17.09" Longitude: 102°23'25.05"	Latitude: 31°55'19.62" Longitude: 102°23'13.37"
Miscellaneous Facilities	ASOS, MIRL (11,29,2,20,16,34), Segmented Circle/Lighted Windcone, Supplemental Windcone (2,20,16,34), Taxiway CL Reflectors, Tetrahedron	ASOS, MIRL (11,29,2,20,16,34), Segmented Circle/Lighted Windcone, Supplemental Windcone (2,20,16,34), MTL, Taxiway CL Reflectors, Tetrahedron
Design Critical Aircraft	King Air 200/300/350	Gulfstream 280
Wingspan of Design Aircraft (Feet)	57.92	63
Approach Speed of Design Aircraft (Knots)	107	125
Undercarriage Width of Design Aircraft (Feet)	18.5	12.6
Magnetic Declination (Degrees)	5°50'E Changing 0°7' per year	
Declination Date	25-Oct-22	
Declination Source	NOAA NCEI	
NPIAS Code	GA	Same
State System Plan Role	BC	Same
GA - General Aviation BC - Business Corporate		

RUNWAY DECLARED DISTANCE (in feet)	EXISTING		ULTIMATE		EXISTING		ULTIMATE		EXISTING		ULTIMATE	
	11	29	11	29	2	20	2	20	16	34	16	34
Takeoff Run Available (TORA)	6200	6200	6800	6200	5703	5703	7003	5705	5003	5003	Same	Same
Takeoff Distance Available (TODA)	6200	6200	6800	6800	5703	5703	7003	5705	5003	5003	Same	Same
Accelerate-Stop Distance Available (ASDA)	6200	6200	6800	6800	5703	5703	7003	6250	5003	5003	Same	Same
Landing Distance Available (LDA)	6200	6200	6200	6800	5703	5703	5705	6250	5003	5003	Same	Same

MODIFICATIONS TO STANDARDS APPROVAL TABLE			
APPROVAL DATE	AIRSPACE CASE NUMBER	STANDARD MODIFIED	DESCRIPTION
None Required			

NO.	REVISIONS	BY	CHK'D	DATE

Taxiway Data Table <sup>1</sup>						
Existing 2A/Ultimate 2A Taxiway/Taxilane Designation	Width (in feet)	Taxiway/Taxilane Safety Area Dimension	Taxiway Object Free Area	Taxilane Object Free Area	Taxiway/Taxilane Lighting	Taxiway & Taxilane CL to Fixed or Moveable Object <sup>2</sup>
A	35-45	79	124	110	None/MITL	62 & 55
C	50	79	124	110	None/MITL	62 & 55
D	40	79	124	110	None/MITL	62 & 55
E	35-50	79	124	110	None/MITL	62 & 55
F	35	79	124	110	None/MITL	62 & 55
G	35	79	124	110	None/MITL	62 & 55

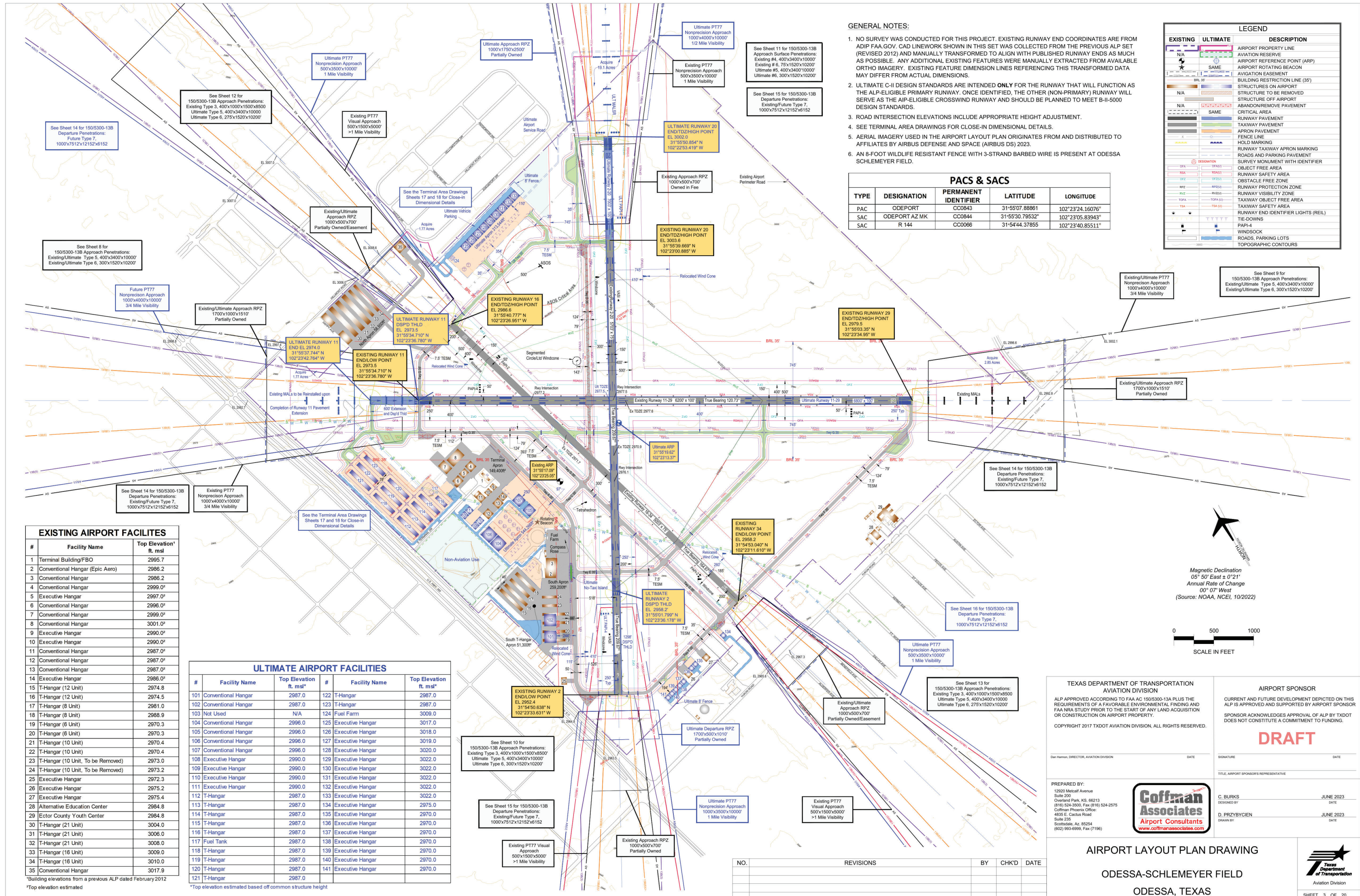
<sup>1</sup> All dimensions in Feet  
<sup>2</sup> Objects located inside the TSA & TOFA/Distance from object to taxiway/taxilane centerline. See Table 4-1 in AC 150/5300-13B

ELECTRONIC AIRPORT NAVAID OWNERSHIP	
NAVAID	OWNER
Rotating Beacon	Ector County
ASOS	FAA
MALS	Ector County
MIRL	Ector County
PAPI-4	Ector County
PAPI-2	Ector County
Lighted Windcone/Segmented Circle	Ector County
Taxiway CL Reflectors	Ector County
Tetrahedron	Ector County
Windcones	Ector County

### GENERAL NOTE:

ULTIMATE C-II DESIGN STANDARDS ARE INTENDED ONLY FOR THE RUNWAY THAT WILL FUNCTION AS THE AIP-ELIGIBLE PRIMARY RUNWAY. ONCE IDENTIFIED, THE OTHER (NON-PRIMARY) RUNWAY WILL SERVE AS THE AIP-ELIGIBLE CROSSWIND RUNWAY AND SHOULD BE PLANNED TO MEET B-II-5000 DESIGN STANDARDS.

<p>TEXAS DEPARTMENT OF TRANSPORTATION AVIATION DIVISION</p> <p>ALP APPROVED ACCORDING TO FAA AC 150/5300-13A PLUS THE REQUIREMENTS OF A FAVORABLE ENVIRONMENTAL FINDING AND FAA NIA STUDY PRIOR TO THE START OF ANY LAND ACQUISITION OR CONSTRUCTION ON AIRPORT PROPERTY.</p> <p>COPYRIGHT 2017 TXDOT AVIATION DIVISION. ALL RIGHTS RESERVED.</p>	<p>AIRPORT SPONSOR</p> <p>CURRENT AND FUTURE DEVELOPMENT DEPICTED ON THIS ALP IS APPROVED AND SUPPORTED BY AIRPORT SPONSOR</p> <p>SPONSOR ACKNOWLEDGES APPROVAL OF ALP BY TXDOT DOES NOT CONSTITUTE A COMMITMENT TO FUNDING.</p>
<p>PREPARED BY: 12920 Metcalf Avenue Suite 200 Overland Park, KS 66213 (816) 524-3500, Fax (816) 524-2575 Coffman Phoenix Office: 4835 E. Cactus Road Suite 235 Scottsdale, AZ 85254 (602) 993-6999, Fax (719)</p>	<p><b>Coffman Associates</b> Airport Consultants www.coffmanassociates.com</p>
<p>AIRPORT DATA SHEET ODESSA-SCHLEMEYER FIELD ODESSA, TEXAS</p>	<p>SHEET 2 OF 20</p>



**GENERAL NOTES:**

- NO SURVEY WAS CONDUCTED FOR THIS PROJECT. EXISTING RUNWAY END COORDINATES ARE FROM ADIP FAA.GOV. CAD LINEWORK SHOWN IN THIS SET WAS COLLECTED FROM THE PREVIOUS ALP SET (REVISED 2012) AND MANUALLY TRANSFORMED TO ALIGN WITH PUBLISHED RUNWAY ENDS AS MUCH AS POSSIBLE. ANY ADDITIONAL EXISTING FEATURES WERE MANUALLY EXTRACTED FROM AVAILABLE ORTHO IMAGERY. EXISTING FEATURE DIMENSION LINES REFERENCING THIS TRANSFORMED DATA MAY DIFFER FROM ACTUAL DIMENSIONS.
- ULTIMATE C-II DESIGN STANDARDS ARE INTENDED ONLY FOR THE RUNWAY THAT WILL FUNCTION AS THE ALP-ELIGIBLE PRIMARY RUNWAY. ONCE IDENTIFIED, THE OTHER (NON-PRIMARY) RUNWAY WILL SERVE AS THE AIP-ELIGIBLE CROSSWIND RUNWAY AND SHOULD BE PLANNED TO MEET B-II-5000 DESIGN STANDARDS.
- ROAD INTERSECTION ELEVATIONS INCLUDE APPROPRIATE HEIGHT ADJUSTMENT.
- SEE TERMINAL AREA DRAWINGS FOR CLOSE-IN DIMENSIONAL DETAILS.
- AERIAL IMAGERY USED IN THE AIRPORT LAYOUT PLAN ORIGINATES FROM AND DISTRIBUTED TO AFFILIATES BY AIRBUS DEFENSE AND SPACE (AIRBUS DS) 2023.
- AN 8-FOOT WILDLIFE RESISTANT FENCE WITH 3-STRAND BARBED WIRE IS PRESENT AT ODESSA SCHLEMEYER FIELD.

**PACS & SACS**

TYPE	DESIGNATION	PERMANENT IDENTIFIER	LATITUDE	LONGITUDE
PAC	ODEPORT	CC0843	31°55'07.88861" N	102°23'24.16076" W
SAC	ODEPORT AZ MK	CC0844	31°55'30.79532" N	102°23'05.83943" W
SAC	R 144	CC0066	31°54'44.37855" N	102°23'40.85511" W

**LEGEND**

EXISTING	ULTIMATE	DESCRIPTION
N/A	---	AIRPORT PROPERTY LINE
N/A	---	AVIATION RESERVE
N/A	---	AIRPORT REFERENCE POINT (ARP)
N/A	---	AIRPORT ROTATING BEACON
N/A	---	AVIATION EASEMENT
N/A	---	BUILDING RESTRICTION LINE (35')
N/A	---	STRUCTURES ON AIRPORT
N/A	---	STRUCTURE TO BE REMOVED
N/A	---	STRUCTURE OFF AIRPORT
N/A	---	ABANDON/REMOVE PAVEMENT
N/A	---	CRITICAL AREA
N/A	---	RUNWAY PAVEMENT
N/A	---	TAXIWAY PAVEMENT
N/A	---	APRON PAVEMENT
N/A	---	FENCE LINE
N/A	---	HOLD MARKING
N/A	---	RUNWAY TAXIWAY APRON MARKING
N/A	---	ROADS AND PARKING PAVEMENT
N/A	---	SURVEY MONUMENT WITH IDENTIFIER
N/A	---	OBJECT FREE AREA
N/A	---	RUNWAY SAFETY AREA
N/A	---	OBSTACLE FREE ZONE
N/A	---	RUNWAY PROTECTION ZONE
N/A	---	RUNWAY VISIBILITY ZONE
N/A	---	TAXIWAY OBJECT FREE AREA
N/A	---	TAXIWAY SAFETY AREA
N/A	---	RUNWAY END IDENTIFIER LIGHTS (REIL)
N/A	---	TIE-DOWNS
N/A	---	PAP-4
N/A	---	WINDSOCK
N/A	---	ROADS, PARKING LOTS
N/A	---	TOPOGRAPHIC CONTOURS

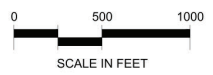
**EXISTING AIRPORT FACILITIES**

#	Facility Name	Top Elevation' ft. msl
1	Terminal Building/FBO	2995.7
2	Conventional Hangar (Epic Aero)	2986.2
3	Conventional Hangar	2986.2
4	Conventional Hangar	2999.0 <sup>a</sup>
5	Executive Hangar	2997.0 <sup>a</sup>
6	Conventional Hangar	2996.0 <sup>a</sup>
7	Conventional Hangar	2999.0 <sup>a</sup>
8	Conventional Hangar	3001.0 <sup>a</sup>
9	Executive Hangar	2990.0 <sup>a</sup>
10	Executive Hangar	2990.0 <sup>a</sup>
11	Conventional Hangar	2987.0 <sup>a</sup>
12	Conventional Hangar	2987.0 <sup>a</sup>
13	Conventional Hangar	2987.0 <sup>a</sup>
14	Executive Hangar	2988.0 <sup>a</sup>
15	T-Hangar (12 Unit)	2974.8
16	T-Hangar (12 Unit)	2974.5
17	T-Hangar (8 Unit)	2981.0
18	T-Hangar (8 Unit)	2988.9
19	T-Hangar (8 Unit)	2970.3
20	T-Hangar (8 Unit)	2970.3
21	T-Hangar (10 Unit)	2970.4
22	T-Hangar (10 Unit)	2970.4
23	T-Hangar (10 Unit, To be Removed)	2973.0
24	T-Hangar (10 Unit, To be Removed)	2973.2
25	Executive Hangar	2972.3
26	Executive Hangar	2975.2
27	Executive Hangar	2975.4
28	Alternative Education Center	2984.8
29	Ector County Youth Center	2984.8
30	T-Hangar (21 Unit)	3004.0
31	T-Hangar (21 Unit)	3006.0
32	T-Hangar (21 Unit)	3008.0
33	T-Hangar (16 Unit)	3009.0
34	T-Hangar (16 Unit)	3010.0
35	Conventional Hangar	3017.9

**ULTIMATE AIRPORT FACILITIES**

#	Facility Name	Top Elevation' ft. msl <sup>a</sup>	#	Facility Name	Top Elevation' ft. msl <sup>a</sup>
101	Conventional Hangar	2987.0	122	T-Hangar	2987.0
102	Conventional Hangar	2987.0	123	T-Hangar	2987.0
103	Not Used	N/A	124	Fuel Farm	3009.0
104	Conventional Hangar	2996.0	125	Executive Hangar	3017.0
105	Conventional Hangar	2996.0	126	Executive Hangar	3018.0
106	Conventional Hangar	2996.0	127	Executive Hangar	3019.0
107	Conventional Hangar	2996.0	128	Executive Hangar	3020.0
108	Executive Hangar	2990.0	129	Executive Hangar	3022.0
109	Executive Hangar	2990.0	130	Executive Hangar	3022.0
110	Executive Hangar	2990.0	131	Executive Hangar	3022.0
111	Executive Hangar	2990.0	132	Executive Hangar	3022.0
112	T-Hangar	2987.0	133	Executive Hangar	3022.0
113	T-Hangar	2987.0	134	Executive Hangar	2975.0
114	T-Hangar	2987.0	135	Executive Hangar	2970.0
115	T-Hangar	2987.0	136	Executive Hangar	2970.0
116	T-Hangar	2987.0	137	Executive Hangar	2970.0
117	Fuel Tank	2987.0	138	Executive Hangar	2970.0
118	T-Hangar	2987.0	139	Executive Hangar	2970.0
119	T-Hangar	2987.0	140	Executive Hangar	2970.0
120	T-Hangar	2987.0	141	Executive Hangar	2970.0
121	T-Hangar	2987.0			

Magnetic Declination  
05° 50' East ± 0° 21'  
Annual Rate of Change  
00° 07' West  
(Source: NOAA, NCEI, 10/2022)



TEXAS DEPARTMENT OF TRANSPORTATION  
AVIATION DIVISION

AIRPORT SPONSOR

ALP APPROVED ACCORDING TO FAA AC 150/5300-13A PLUS THE REQUIREMENTS OF A FAVORABLE ENVIRONMENTAL FINDING AND FAA NIA STUDY PRIOR TO THE START OF ANY LAND ACQUISITION OR CONSTRUCTION ON AIRPORT PROPERTY.

CURRENT AND FUTURE DEVELOPMENT DEPICTED ON THIS ALP IS APPROVED AND SUPPORTED BY AIRPORT SPONSOR. SPONSOR ACKNOWLEDGES APPROVAL OF ALP BY TXDOT DOES NOT CONSTITUTE A COMMITMENT TO FUNDING.

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(602) 993-6999, Fax (7196)



DATE

SIGNATURE

TITLE, AIRPORT SPONSOR'S REPRESENTATIVE

C. BURKS  
DESIGNED BY

JUNE 2023  
DATE

D. PRZYBYCZEN  
DRAWN BY

JUNE 2023  
DATE

**AIRPORT LAYOUT PLAN DRAWING**

ODESSA-SCHLEMEYER FIELD

ODESSA, TEXAS

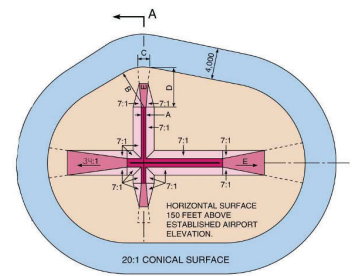
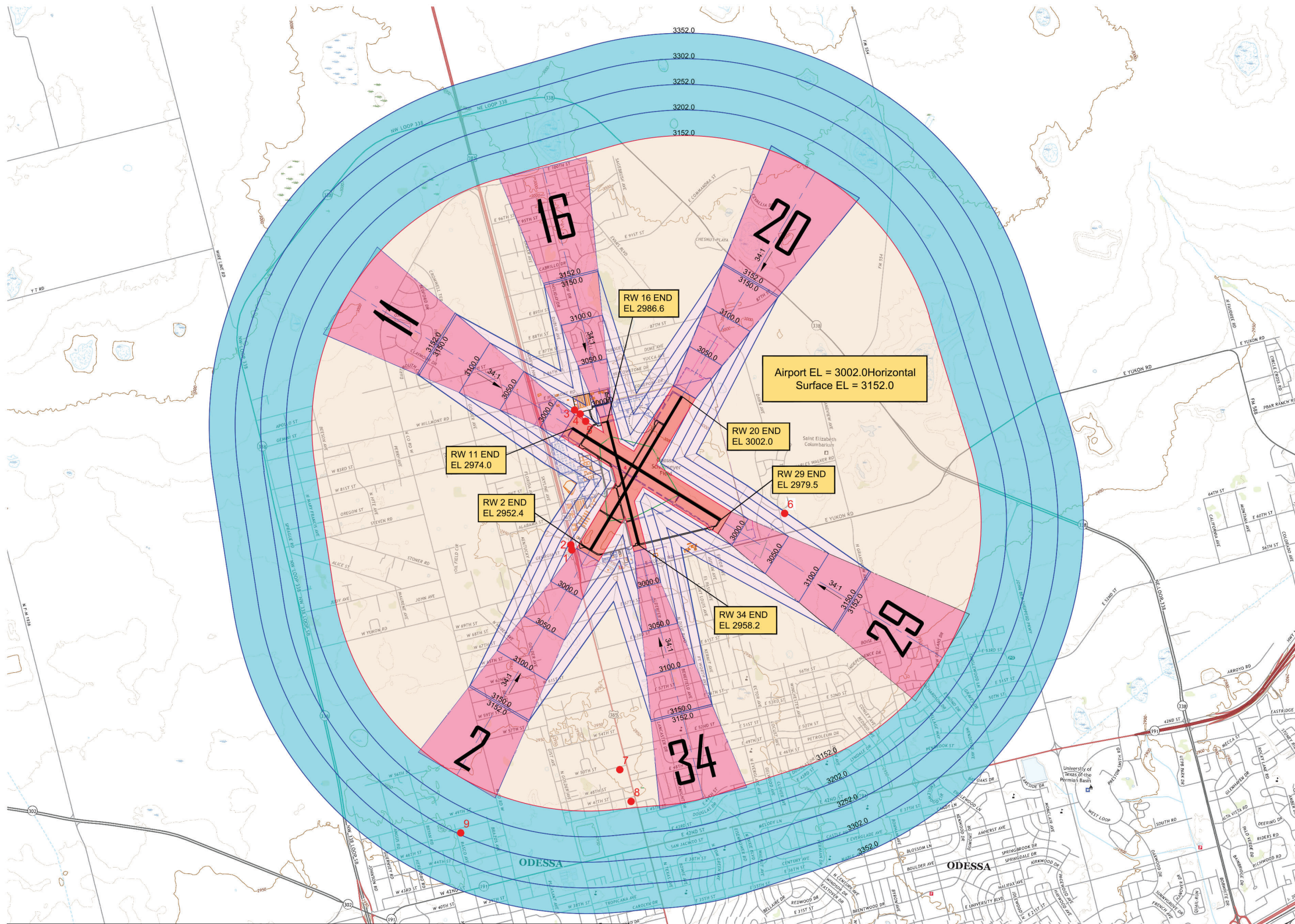


Aviation Division

SHEET 3 OF 20

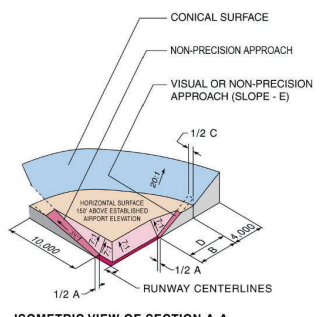
NO.	REVISIONS	BY	CHK'D	DATE

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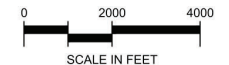
DIM	ITEM	DIMENSIONAL STANDARDS (FEET)					
		VISUAL RUNWAY		NON-PRECISION INSTRUMENT RUNWAY		PRECISION INSTRUMENT RUNWAY	
		A	B	A	B	C	D
A	WIDTH OF PRIMARY SURFACE AND APPROACH SURFACE WIDTH AT INNER END	250	500	500	500	1,000	1,000
B	RADIUS OF HORIZONTAL SURFACE	5,000	5,000	5,000	10,000	10,000	10,000
C	APPROACH SURFACE WIDTH AT END	1,250	1,500	2,000	3,500	4,000	16,000
D	APPROACH SURFACE LENGTH	5,000	5,000	5,000	10,000	10,000	*
E	APPROACH SLOPE	20:1	20:1	20:1	34:1	34:1	*

A - UTILITY RUNWAYS  
 B - RUNWAYS LARGER THAN UTILITY  
 C - VISIBILITY MINIMUMS GREATER THAN 3/4 MILE  
 D - VISIBILITY MINIMUMS AS LOW AS 3/4 MILE  
 \* - PRECISION INSTRUMENT APPROACH SLOPE IS 50:1 FOR INNER 10,000 FEET AND 40:1 FOR AN ADDITIONAL 40,000 FEET



SOURCE: 14 CFR Part 77, Section 77.25, Civil Airport Imaginary Surfaces.

**Magnetic Declination**  
 07° 00' East  
**Annual Rate of Change**  
 00° 00' West  
 (Source: NOAA, NCEI, Month Year)



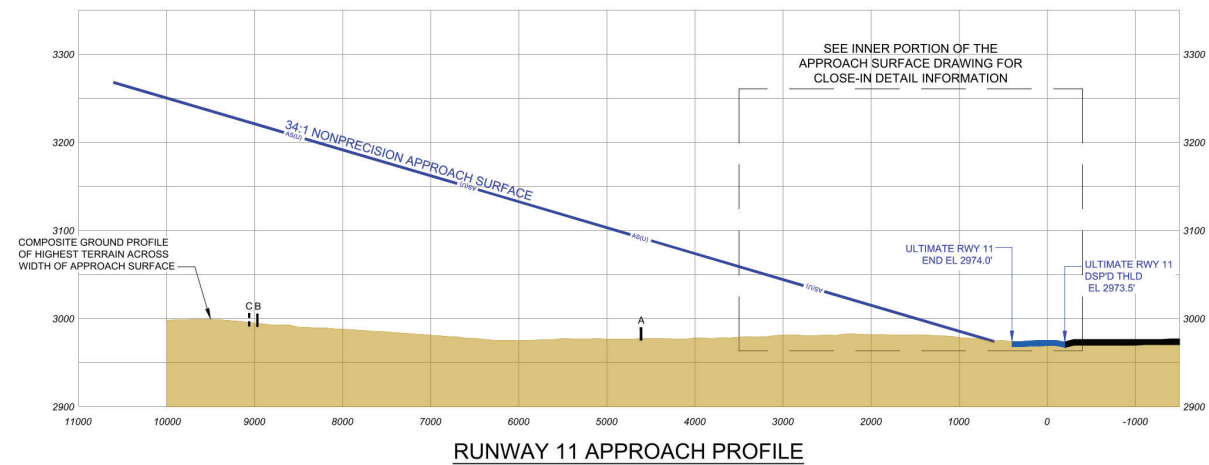
ID	Feature	Source	ADIP ID	FAA Study #	Ground Elevation (ft. msl.)	AGL (ft.)	Top Elevation (ft. msl.)	Surface Obstructed	Penetration Value (ft.)	Remediation	Notes
1	Pole	adip.faa.gov	48-013799	2002-ASW-4001-OE	2,949.00	40.00	2,989.00	Transitional	16.14	Light Pole/Relocate	Prev. ALP Study may not apply with ultimate condition airspace
2	Pole	adip.faa.gov	48-013798	2002-ASW-4000-OE	2,951.00	40.00	2,991.00	Transitional	0.93	Light Pole/Relocate	Prev. ALP Study may not apply with ultimate condition airspace
3	Pole	adip.faa.gov	48-029929	N/A	2,980.00	24.00	3,004.00	Transitional	7.42	Lower/Relocate	
4	Tree	adip.faa.gov	48-042652	N/A	2,980.00	27.00	3,007.00	Transitional	13.19	Remove Tree	
5	Terrain	adip.faa.gov	48-042676	N/A	2,983.00	0.00	2,983.00	Transitional	7.57	Re-Grade	
6	Tower	adip.faa.gov	48-010099	2009-ASW-2937-OE	2,990.00	154.00	3,144.00	Transitional	1.12	None Required	Tower lighted w/ med intensity lighting
7	Tower	adip.faa.gov	48-000677	2005-ASW-504-OE	2,951.00	310.00	3,261.00	Horizontal	107.40	None Required	Tower lighted w/ red obstruction lighting
8	Tower	adip.faa.gov	48-006279	N/A	3,060.00	145.00	3,205.00	Horizontal	51.40	Add Obstruction Lighting	
9	Tower	adip.faa.gov	48-004149	N/A	2,947.00	318.00	3,265.00	Conical	14.99	None Required	Tower lighted w/ red obstruction lighting

**GENERAL NOTES:**

- LAND USE DECISIONS ARE MADE BY A CITY-COUNTY JOINT AIRPORT ZONING (JAZB) IN ACCORDANCE WITH TEXAS LOCAL GOVERNMENT CODE § 241.014 AND CITY OF ODESSA CODE § 2-35.1 (ORD. 86-43). HEIGHT RESTRICTIONS ARE CODIFIED UNDER ODESSA AIRPORT - SCHLEMEYER FIELD ZONING ORDER, HA-86-1 (ADOPTED 9/15/1986).
- NO SURVEY WAS CONDUCTED FOR THIS PROJECT. EXISTING RUNWAY END COORDINATES AND AIRPORT ELEVATION ARE FROM ADIP.FAA.GOV.
- THIS AIRSPACE WAS ANALYZED AGAINST OBSTRUCTION POINTS PUBLISHED BY ADIP.FAA.GOV.
- CLOSE IN APPROACH OBSTRUCTIONS ARE DETAILED ON INNER-APPROACH DRAWINGS.
- PROFILE VIEW CHECKLIST ITEMS ARE ON SHEETS 5-7 OF THIS SET.

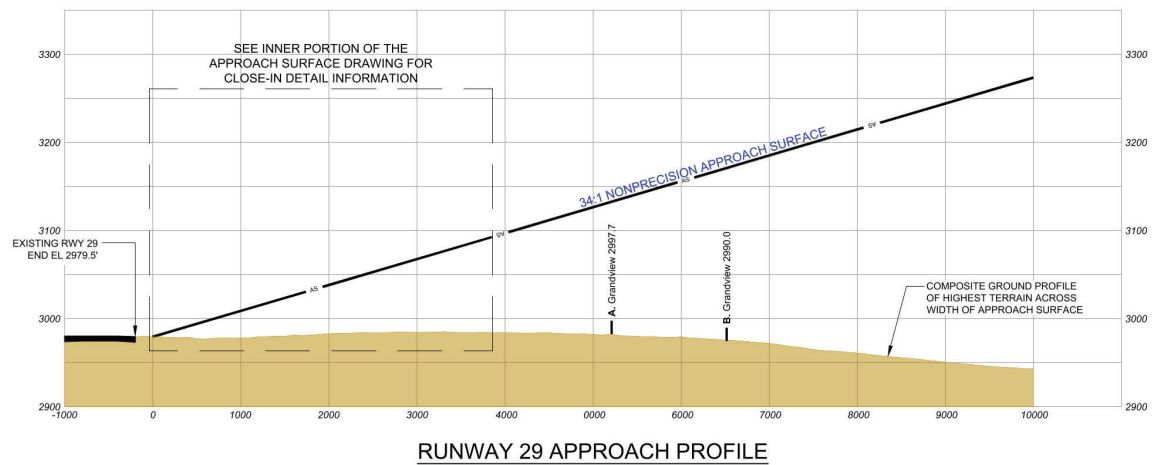
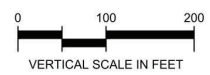
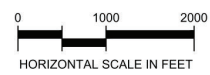
NO.	REVISIONS	BY	CHK'D	DATE

TEXAS DEPARTMENT OF TRANSPORTATION AVIATION DIVISION ALP APPROVED ACCORDING TO FAA AC 150/5300-13A PLUS THE REQUIREMENTS OF A FAVORABLE ENVIRONMENTAL FINDING AND FAA NHA STUDY PRIOR TO THE START OF ANY LAND ACQUISITION OR CONSTRUCTION ON AIRPORT PROPERTY. COPYRIGHT 2017 TXDOT AVIATION DIVISION. ALL RIGHTS RESERVED.		AIRPORT SPONSOR CURRENT AND FUTURE DEVELOPMENT DEPICTED ON THIS ALP IS APPROVED AND SUPPORTED BY AIRPORT SPONSOR. SPONSOR ACKNOWLEDGES APPROVAL OF ALP BY TXDOT DOES NOT CONSTITUTE A COMMITMENT TO FUNDING.	
PREPARED BY: 12920 Metcalf Avenue Suite 200 Overland Park, KS 66213 (816) 524-3500, Fax (816) 524-2575 Coffman Phoenix Office: 4835 E. Cactus Road Suite 235 Scottsdale, AZ 85254 (602) 993-6999, Fax (719)			
DATE: _____ TITLE: AIRPORT SPONSOR'S REPRESENTATIVE		DATE: _____ DATE: _____	
AIRPORT AIRSPACE DRAWING ODESSA-SCHLEMEYER FIELD ODESSA, TEXAS			



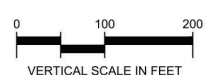
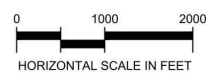
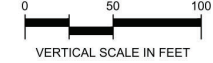
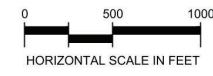
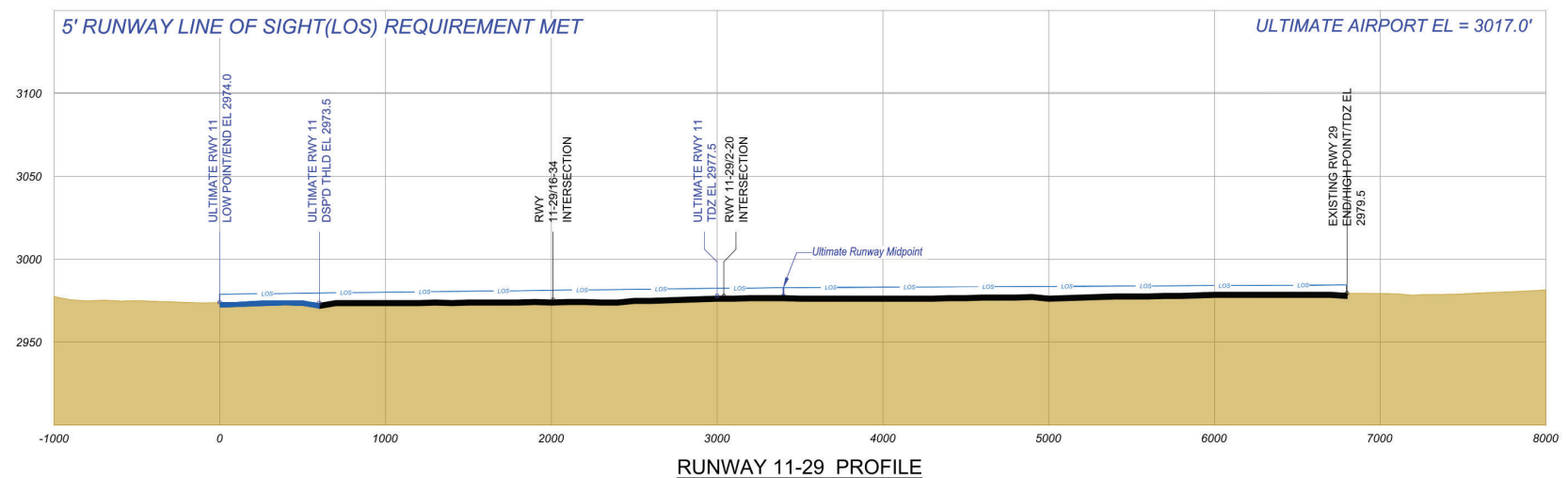
Runway 11 Outer-Approach Road Points					
ID	Feature	Ground Elevation (ft. msl.)	Adjustment Height (ft.)	Top Elevation (ft. msl.)	Clearance Value (ft.) Ultimate Part 77 Approach (34:1 Slope)
A	87th St	2975.2	15.0	2990.2	101.7
B	N County Rd W	2990.8	15.0	3005.8	214.3
C	N County Rd W	2991.5	15.0	3006.5	216.4

Runway 11 Outer Approach Obstructions										
ID	Feature	Source	ADIP ID	FAA Study #	Ground Elevation	AGL (ft.)	Top Elevation	Penetration Value (ft.) Existing	Ultimate	Remediation
No Obstructions										



Runway 29 Outer-Approach Road Points					
ID	Feature	Ground Elevation (ft. msl.)	Adjustment Height (ft.)	Top Elevation (ft. msl.)	Clearance Value (ft.) Ultimate Part 77 Approach (34:1 Slope)
A	Grandview	2982.7	15.0	2997.7	141.0
B	Grandview	2974.9	15.0	2989.9	187.2

Runway 29 Outer Approach Obstructions										
ID	Feature	Source	ADIP ID	FAA Study #	Ground Elevation	AGL (ft.)	Top Elevation	Penetration Value (ft.) Existing	Ultimate	Remediation
No Obstructions										



**GENERAL NOTES:**

- NO SURVEY WAS CONDUCTED FOR THIS PROJECT. EXISTING RUNWAY END COORDINATES AND AIRPORT ELEVATION ARE FROM ADIP.FAA.GOV.
- ROAD INTERSECTION GROUND ELEVATIONS AND GROUND PROFILE TAKEN FROM USGS 1/3 ARC SECOND PUBLISHED AUGUST 19, 2022.
- THE PART 77 AIRSPACE SURFACES SHOWN ARE BASED ON ULTIMATE CONDITIONS PER FAA SOP NO. 2, A.5, AIRPORT AIRSPACE DRAWING, ITEM B.
- HORIZONTAL DATUM: NORTH AMERICAN DATUM 1983 - NAD83; VERTICAL DATUM: NORTH AMERICAN DATUM 1988 - NAVD88
- ALL ELEVATIONS IN MSL FEET.

NO.	REVISIONS	BY	CHK'D	DATE

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	DATE: _____ SIGNATURE: _____ TITLE: AIRPORT SPONSOR'S REPRESENTATIVE
PREPARED BY: 12920 Metcalf Avenue Suite 200 Overland Park, KS 66213 (816) 524-3500, Fax (816) 524-2575 Coffman Phoenix Office: 4835 E. Cactus Road Suite 235 Scottsdale, AZ 85254 (602) 993-6999, Fax (719)	
C. BURKS DESIGNED BY DATE: JUNE 2023	D. PRZYBYCIEN DRAWN BY DATE: JUNE 2023
<b>AIRPORT AIRSPACE          APPROACH PROFILE RUNWAY 11-29          ODESSA-SCHLEMAYER FIELD          ODESSA, TEXAS</b>	
 Aviation Division SHEET 5 OF 20	

Coffman Associates C:\Users\adrian\Coffman Associates Inc\Coffman - sp\_CAD\MP\Odessa (ODD)\_22\ALP\05 06 07 ODD AIRS PROF.dwg Printed Date: 6-15-23 01:53:18 PM adrian