COCHISE COUNTY AIRPORT

WILLCOX, ARIZONA

AIRPORT LAYOUT PLANS

PREPARED BY:

ARMSTRONG CONSULTANTS, INC.

A.I.P. NO. 3-04-0049-004-2013
ADOT No. E4F3E
A.C.I. PROJECT NO. 136171
DATE: APRIL, 2015

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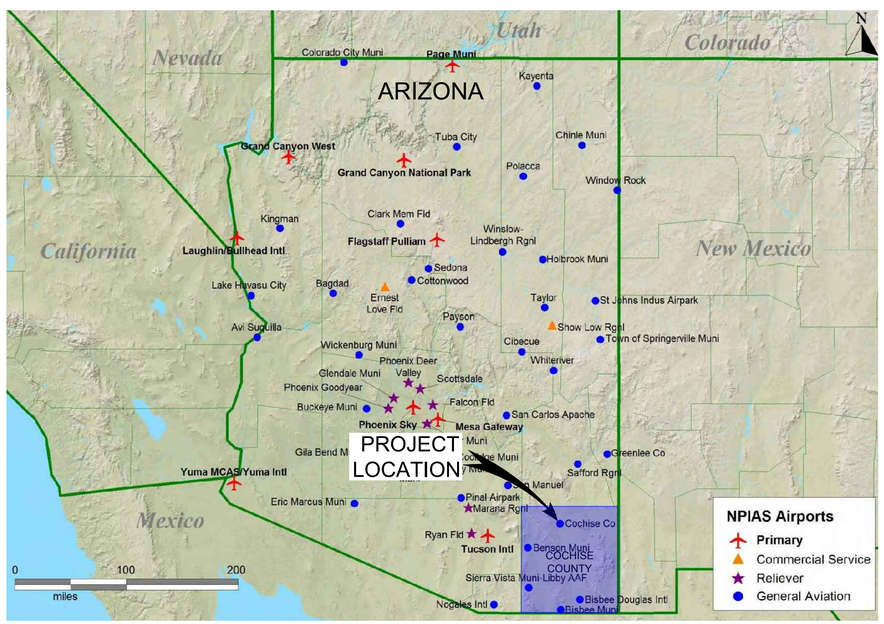
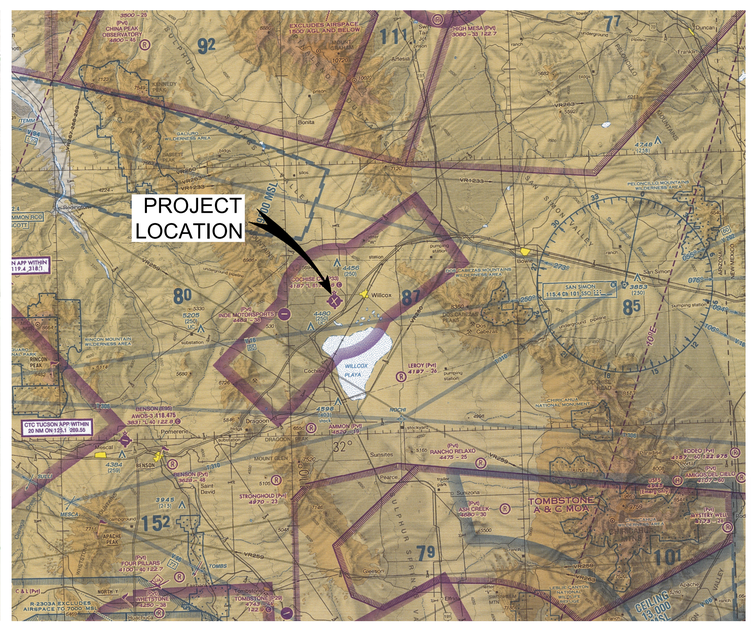
(E = EXISTING, F = FUTURE)



LOCATION MAP

NTS



VICINITY MAP

NTS

No.	Project No.	Date	Revision / Description	File	Drwn.	Chkd.	Apprvd.
0	136171	11/2014	ORIGINAL ISSUE	6170501	LDS	CM	JZP

THE PREPARATION OF THIS DOCUMENT MAY HAVE BEEN SUPPORTED, IN PART, THROUGH THE AIRPORT IMPROVEMENT PROGRAM FINANCIAL ASSISTANCE FROM THE FEDERAL AVIATION ADMINISTRATION 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.

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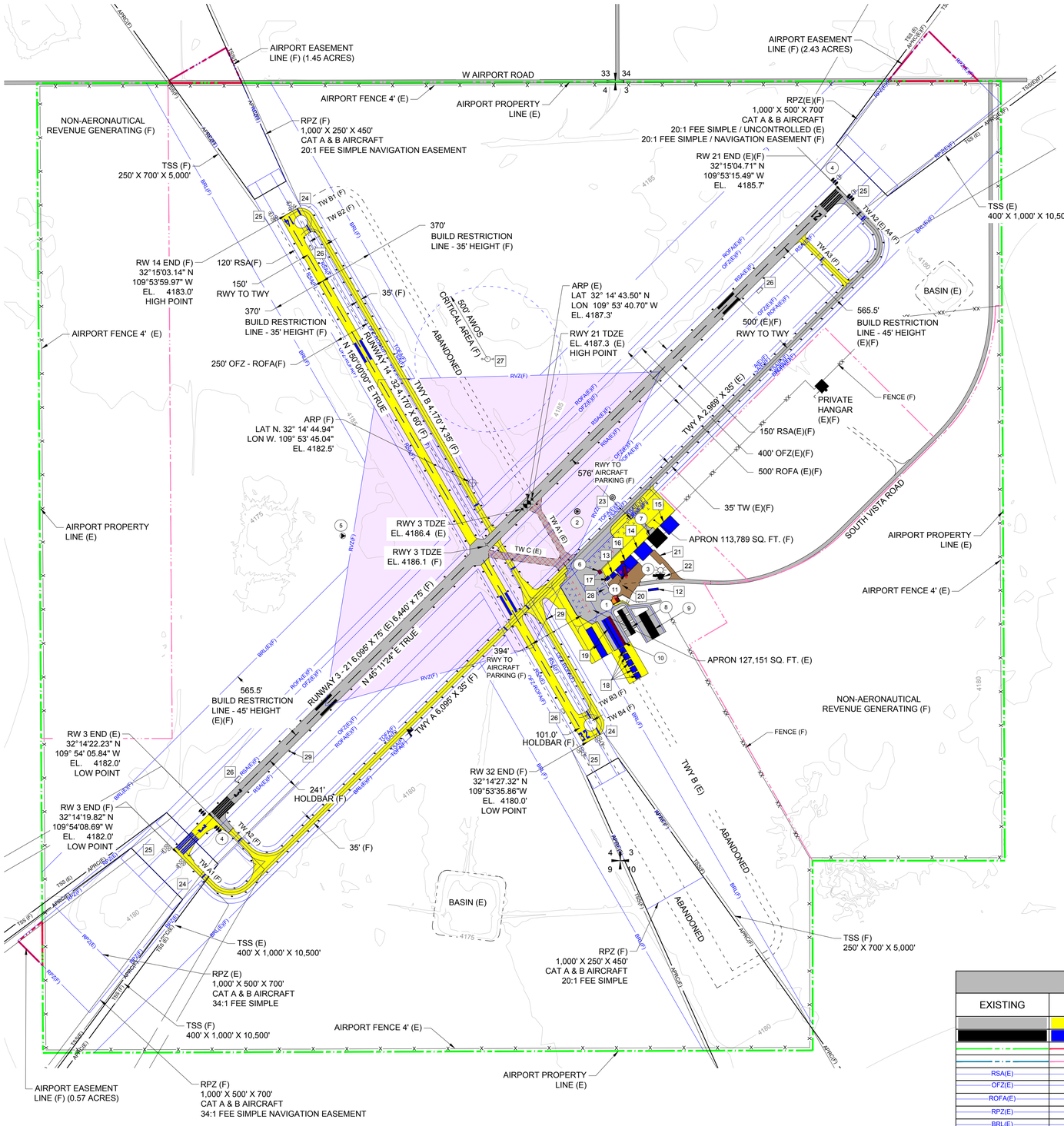
6171501



AIRPORT FACILITIES LIST

NO.	EXIST.	FUT.	FACILITY DESCRIPTION	TOP ELEVATION (MSL)
1	○		TERMINAL	+/- 4205
2	○		LIGHTED WIND CONE/CIRCLE	+/- 4185
3	○		BEACON	+/- 4215
4	○		THRESHOLD LIGHT	+/- 4185
5	○		TETRAHEDRON	+/- 4185
6	○		FUEL FARM	+/- 4190
7	○		HANGAR	+/- 4205
8	○		T-HANGAR	+/- 4205
9	○		T-HANGAR	+/- 4205
10	○		T-HANGAR	+/- 4205
11	○		CARETAKER FACILITY	+/- 4200
12		□	CARETAKER FACILITY	+/- 4200
13		□	MAINTENANCE BLDG	+/- 4200
14		□	HANGAR	+/- 4205
15		□	HANGAR	+/- 4205
16		□	TERMINAL	+/- 4205
17		□	FUEL FARM	+/- 4190
18		□	HANGAR	+/- 4205
19		□	T-HANGAR	+/- 4205
20		□	AUTO PARKING	+/- 4185
21		□	AUTO PARKING	+/- 4185
22		□	BEACON	+/- 4185
23		□	LIGHTED WIND CONE/CIRCLE	+/- 4185
24		□	THRESHOLD LIGHT	+/- 4180
25		□	REILS	+/- 4180
26		□	PAPI	+/- 4185
27		□	AWOS	+/- 4185
28		□	WASH PAD	+/- 4185
29		□	EDGE LIGHTING	+/- 4187

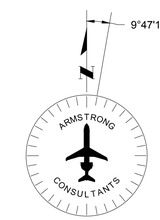
FAA APPROVAL

SPONSOR APPROVAL

James E. Vlahovich, Deputy County Administrator Date

NOTES

1. ALL LATITUDE/LONGITUDE COORDINATES SHOWN ARE 1983 NORTH AMERICAN DATUM (NAD 83).



MAGNETIC NORTH SOURCE: NOAA GEOPHYSICAL DATA CENTER 06.09.14
RATE OF CHANGE 6° 3' W/YEAR

0 400 800
SCALE IN FEET

LEGEND

EXISTING	FUTURE	DESCRIPTION	EXISTING	FUTURE	DESCRIPTION
		AIRFIELD DEVELOPMENT (ASPH/CONC)			THRESHOLD LIGHTS
		STRUCTURE/FACILITIES (BUILDING)			REIL
		PROPERTY LINE (APL) / EASEMENT			VASI/PAPI
		LAND USE LINE			AIRPORT BEACON
RSA(E)	RSA(F)	RUNWAY SAFETY AREA (RSA)			WIND CONE & SEGMENTED CIRCLE
OFZ(E)	OFZ(F)	OBSTACLE FREE ZONE (OFZ)			AWOS
ROFA(E)	ROFA(F)	RUNWAY OBJECT FREE AREA (ROFA)			LIGHTED WINDCONE
RPZ(E)	RPZ(F)	RUNWAY PROTECTION ZONE (RPZ)		N/A	SECTION CORNER
BRL(E)	BRL(F)	BUILDING RESTRICTION LINE (BRL)	4125	N/A	CONTOURS
TSA(E)	TSA(F)	TAXIWAY SAFETY AREA (TSA)			ROADS/PARKING
TOFA(E)	TOFA(F)	TAXIWAY OBJECT FREE AREA (TOFA)			MARKINGS
	RVZ(F)	RUNWAY VISIBILITY ZONE (RVZ)	X	XX	FENCING
		AIRPORT REFERENCE POINT (ARP)			RUNWAY EDGE LIGHT
		TO BE REMOVED			TAXIWAY EDGE LIGHT

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WILLCOX, ARIZONA

A.I.P. No. 3-04-0049-004-2013
AIRPORT LAYOUT PLAN

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3							
2							
1							
0	136171	07/2014	ORIGINAL ISSUE	6171502	LDS	CM	

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AIRPORT LAYOUT PLAN

RUNWAY DATA

ITEM		RW 3 / 21 - EXISTING (E)		RW 3 / 21 - FUTURE (F)		RW 14 / 32 - FUTURE (F)	
RUNWAY IDENTIFICATION		3	21	3	21	14	32
RUNWAY DESIGN CODE (RDC) / RUNWAY VISUAL RANGE (RVR)		B-II/5000	B-II/4000	B-II/5000	B-II/4000	B-I(S)/VIS	B-I(S)/VIS
DEPARTURE REFERENCE CODE (DPRC)		B-II/5000	B-II/4000	B-II/5000	B-II/4000	B-I(S)/VIS	B-I(S)/VIS
SURFACE MATERIAL, PAVEMENT STRENGTH & MATERIAL TYPE	SURFACE MATERIAL	ASPHALT		ASPHALT		ASPHALT	
	STRENGTH BY WHEEL LOADING (LBS)	21,500 DW		30,000 DW		12,500 SW	
	PCN (FOR BEARING STRENGTH OF 12,500 LBS OR GREATER)	7/F/C/W/T		N/A		N/A	
	SURFACE TREATMENT	NONE		NONE		NONE	
RUNWAY GRADIENT	EFFECTIVE (%)	0.16		0.16		0.00	
	MAXIMUM (%)	0.16		0.16		0.00	
	LINE OF SIGHT MET (Y OR N)	Y		Y		Y	
PERCENT WIND COVERAGE	A / B-I - 10.5 KTS	89.20%		89.20%		94.29%	
	A / B-II - 13 KTS	93.74%		93.74%		97.09%	
RUNWAY DIMENSIONS							
RUNWAY DIMENSIONS (FT)		6,095' X 75'		6,440' X 75'		4,170' X 60'	
RUNWAY SAFETY AREA (RSA)	WIDTH (FT)	150'		150'		120'	
	LENGTH BEYOND RUNWAY END (FT)	300'		300'		240'	
RUNWAY COORDINATES (NAD 83)	RUNWAY END LATITUDE	32°14'22.23" N	32°15'04.71" N	32°14'19.82" N	32°15'04.71" N	32°15'03.14" N	32°14'27.32" N
	RUNWAY END LONGITUDE	109°54'05.84" W	109°53'15.49" W	109°54'08.69" W	109°53'15.49" W	109°53'59.97" W	109°53'35.86" W
	DISPLACED THRESHOLD LAT.	N/A	N/A	N/A	N/A	N/A	N/A
	DISPLACED THRESHOLD LONG.	N/A	N/A	N/A	N/A	N/A	N/A
RUNWAY ELEVATIONS (FT) (NAVD 88)	RUNWAY END	4182	4185.7	4182	4185.7	4183.0	4180.0
	DISPLACED THRESHOLD	N/A	N/A	N/A	N/A	N/A	N/A
	TOUCHDOWN ZONE (TDZ)	4186.4	4187.3	4186.4	4187.3	N/A	N/A
	HIGH POINT	4187.3		4187.3		4183.0	
	LOW POINT	4182.0		4182.0		4180.0	
RUNWAY LIGHTING TYPE		MIRL		MIRL		MIRL	
RUNWAY PROTECTION ZONE (RPZ) (FT)		1,000' X 500' X 700'	1,000' X 500' X 700'	1,000' X 500' X 700'	1,000' X 500' X 700'	1,000' X 250' X 450'	1,000' X 250' X 450'
RUNWAY MARKING TYPE		NON-PRECISION	NON-PRECISION	NON-PRECISION	NON-PRECISION	BASIC	BASIC
14 CFR PART 77 APPROACH SURFACES	APPROACH TYPE	NON-PRECISION	NON-PRECISION	NON-PRECISION	NON-PRECISION	VISUAL	VISUAL
	VISIBILITY MINIMUMS RVR (FT)	5000	4000	5000	4000	VIS	VIS
	APPROACH SLOPE DIMENSIONS (FT)	500' X 3,500' X 10,000'	500' X 3,500' X 10,000'	500' X 3,500' X 10,000'	500' X 3,500' X 10,000'	250' X 1,250' X 5,000'	250' X 1,250' X 5,000'
	APPROACH CATEGORY (SLOPE)	34:1	34:1	34:1	34:1	20:1	20:1
TYPE OF AERONAUTICAL SURVEY REQUIRED FOR APPROACH		NVGS		NVGS		NONE	
RUNWAY DEPARTURE SURFACE (YES OR N/A)		YES	YES	YES	YES	N/A	N/A
RUNWAY OBJECT FREE AREA (ROFA)	WIDTH (FT)	500'	500'	500'	500'	250'	250'
	LENGTH BEYOND RUNWAY END (FT)	300'	300'	300'	300'	240'	240'
OBSTACLE FREE ZONE (OFZ)	WIDTH (FT)	400'	400'	400'	400'	250'	250'
	LENGTH BEYOND RUNWAY END (FT)	200'	200'	200'	200'	200'	200'
THRESHOLD SITING SURFACE (TSS)	DIMENSIONS (FT)	400' X 3,800' X 10,000	400' X 3,800' X 10,000	400' X 3,800' X 10,000	400' X 3,800' X 10,000	250' X 700' X 5,000'	250' X 700' X 5,000'
	SLOPE	20:1	20:1	20:1	20:1	20:1	20:1
	PENETRATIONS	NO TSS PENETRATIONS	NO TSS PENETRATIONS	NO TSS PENETRATIONS	NO TSS PENETRATIONS	NO TSS PENETRATIONS	NO TSS PENETRATIONS
VISUAL AND INSTRUMENT NAVAIDS		GPS	GPS	GPS,PAPI,REILS	GPS,PAPI,REILS	PAPI,REIL	PAPI,REIL

TAXIWAY AND TAXILANE DIMENSIONS

TAXIWAYS AND TAXLINES	EXISTING		FUTURE	
TAXIWAY/TAXILANE DESIGN GROUP (TDG)	TDG -1	TDG -2	TDG -1	TDG -2
TAXIWAY AND TAXILANE DESIGNATION	T-HANGAR TAXILANES	TAXIWAY A, A1, A2	T-HANGAR TAXILANES	TAXIWAY A, A1-A4, B, B1-B4
TAXIWAY AND TAXILANE WIDTH (FT)	25	35	25	35
TAXIWAY SAFETY AREA (FT)	49	79	49	79
TAXIWAY OBJECT FREE AREA (FT)	N.A.	131	N.A.	131
TAXILANE OBJECT FREE AREA (FT)	79	115	79	115
TAXIWAY AND TAXILANE SEPARATION (FT)	VEGETATION (TSA: 4 FT, TOFA: 19 FT), TERM BLDG (TSA: N/A, TOFA: 10 FT), T-HGR2 (TSA: N/A, TOFA: 8 FT), T-HGR2/SHADE (TSA: N/A, TOFA: 16 FT)		NONE	NONE
TAXIWAY CENTERLINE TO FIXED OR MOVABLE OBJECT (FT)	N.A.	65.5	N.A.	65.5
TAXILANE CENTERLINE TO FIXED OR MOVABLE OBJECT (FT)	39.5	N.A.	39.5	57.5
TAXIWAY AND TAXILANE LIGHTING	NONE	MITL, RETRO-REFLECTORS	MITL	MITL

HORIZONTAL DATUM: NORTH AMERICAN DATUM OF 1983 (NAD 83) VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM 1988 (NAVD 88). EXISTING ELEVATIONS & RUNWAY END COORDINATES FROM FAA NATIONAL FLIGHT DATA CENTER.

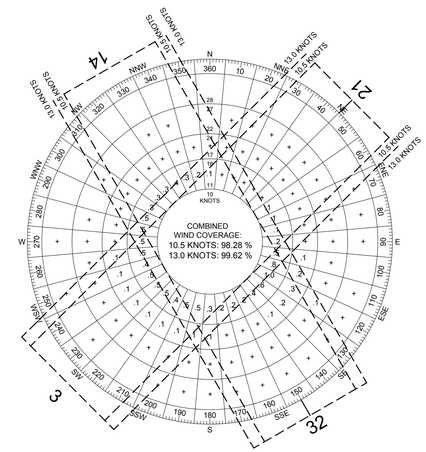
MODIFICATION TO STANDARDS APPROVAL

DESCRIPTION	STANDARD TO BE MODIFIED	EXISTING	PROPOSED	PROPOSED ACTION	AIRSPACE CASE NO.	APPROVAL DATE
NONE REQUIRED						

AIRPORT DATA

ITEM		EXISTING (E)	FUTURE (F)
AIRPORT REFERENCE CODE (ARC)		B-II	B-II
MEAN MAX. TEMP OF HOTTEST MONTH (°F) (JULY)		95°	95°
AIRPORT ELEVATION (MSL, FT) (NAVD 88) *		4,182.3 MSL	4,182.3 MSL
AIRPORT NAVIGATIONAL AIDS		GPS - Beacon (County)	GPS - Beacon (County)
AIRPORT REFERENCE POINT (ARP) COORDINATES (NAD 83)	LATITUDE	32° 14' 43.45" N	32° 14' 44.94" N
	LONGITUDE	109° 53' 40.68" W	109° 53' 45.04" W
MISCELLANEOUS FACILITIES			
ARC AND CRITICAL AIRCRAFT	ARC	B-II	B-II
	AIRCRAFT	BEECHCRAFT KING AIR B200	CESSNA CITATION SOVEREIGN
	WINGSPAN (FT)	54.5	63.3
	UNDERCARRIAGE (FT)	17	27.8
	APPROACH SPEED (KTS)	103	120
AIRPORT MAGNETIC VARIATION	VARIATION	9°47'17" E	TBD
	DATE	06.09.14	TBD
	SOURCE	NOAA	TBD
NPIAS SERVICE LEVEL		General Aviation-Local	General Aviation-Local
STATE EQUIVALENT SERVICE		GA - Community	GA - Community

* ELEVATIONS FROM FAA/NFDC SURVEY DATA DATED 10 / 17 /14.



ALL WEATHER WIND ROSE

RUNWAY	10.5 KNOT	13 KNOT
3/21	92.23%	95.60%
14/32	93.78%	96.72%
COMBINED	98.28%	99.62%

WIND DATA SOURCE: TUCSON INTERNATIONAL AIRPORT WEATHER REPORTING STATION DATA, 2014.

DECLARED DISTANCES

ITEM	EXISTING		FUTURE		FAA APPROVAL DATE
	RW 3 / 21	RW 14 / 32	RW 3 / 21	RW 14 / 32	
TAKEOFF RUN AVAILABLE (TORA) (FT)	N/A	N/A	N/A	N/A	N/A
TAKEOFF DISTANCE AVAILABLE (TODA) (FT)	N/A	N/A	N/A	N/A	N/A
ACCELERATE-STOP DISTANCE AVAILABLE (ASDA) (FT)	N/A	N/A	N/A	N/A	N/A
LANDING DISTANCE AVAILABLE (LDA) (FT)	N/A	N/A	N/A	N/A	N/A

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WILLCOX, ARIZONA

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3							
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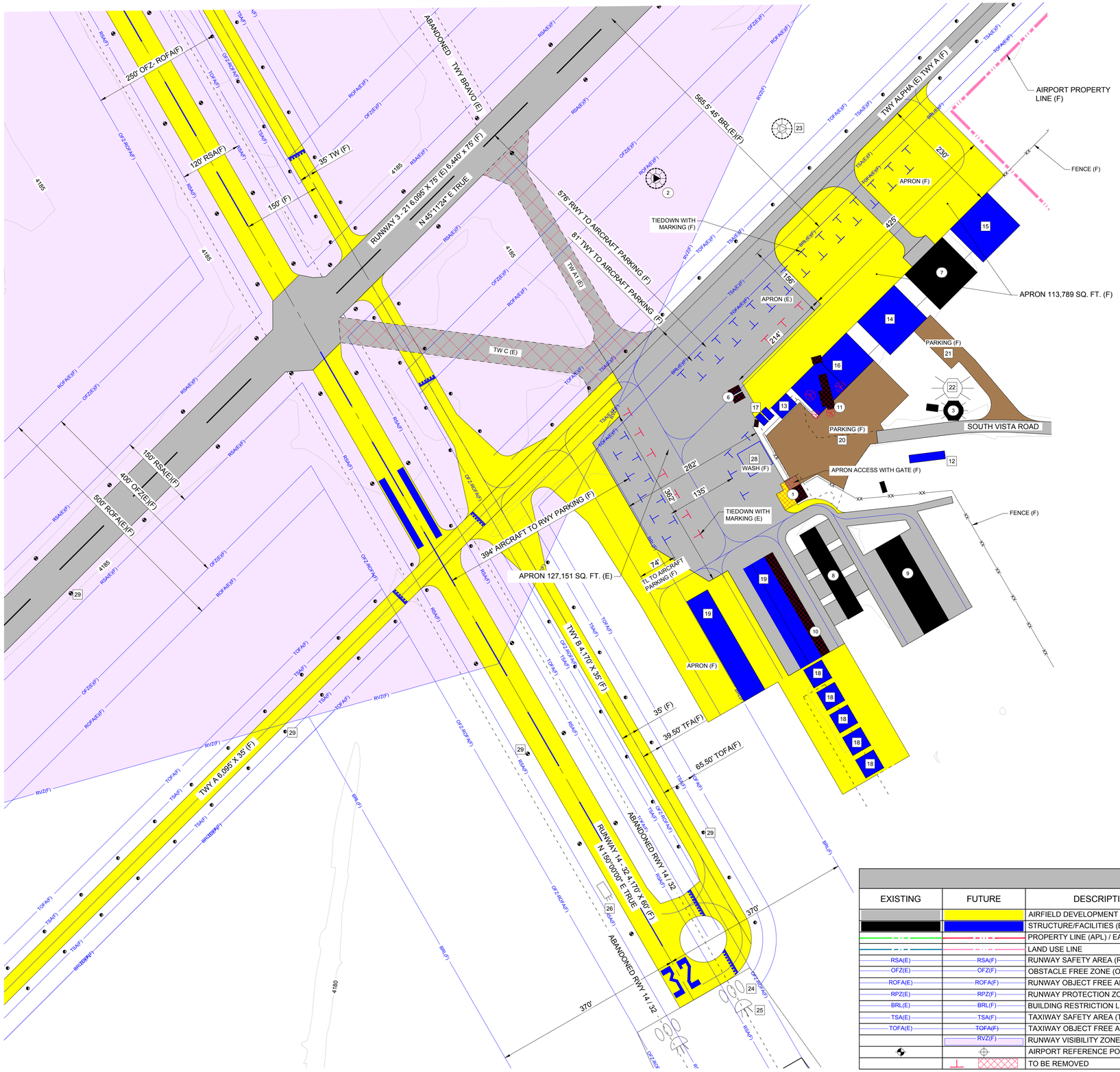
AIRPORT DATA SHEET



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NO.	EXIST.	FUT.	FACILITY DESCRIPTION	TOP ELEVATION (MSL)
1	○		TERMINAL	+/- 4205
2	○		LIGHTED WIND CONE/CIRCLE	+/- 4185
3	○		BEACON	+/- 4215
4	○		THRESHOLD LIGHT	+/- 4185
5	○		TETRAHEDRON	+/- 4185
6	○		FUEL FARM	+/- 4190
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8	○		T-HANGAR	+/- 4205
9	○		T-HANGAR	+/- 4205
10	○		T-HANGAR	+/- 4205
11	○		CARETAKER FACILITY	+/- 4200
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13		□	MAINTENANCE BLDG	+/- 4200
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16		□	TERMINAL	+/- 4205
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26		□	PAPI	+/- 4185
27		□	AWOS	+/- 4185
28		□	WASH PAD	+/- 4185
29		□	EDGE LIGHTING	+/- 4187

9°47'17"

MAGNETIC NORTH SOURCE: NOAA
GEOPHYSICAL DATA CENTER 06.09.14
RATE OF CHANGE 6° 3' W/YEAR

0 100 200
SCALE IN FEET

LEGEND

EXISTING	FUTURE	DESCRIPTION	EXISTING	FUTURE	DESCRIPTION
		AIRFIELD DEVELOPMENT (ASPH/CONC)			THRESHOLD LIGHTS
		STRUCTURE/FACILITIES (BUILDING)			REIL
		PROPERTY LINE (APL) / EASEMENT			VASI/PAPI
		LAND USE LINE			AIRPORT BEACON
RSA(E)	RSA(F)	RUNWAY SAFETY AREA (RSA)			WIND CONE & SEGMENTED CIRCLE
OFZ(E)	OFZ(F)	OBSTACLE FREE ZONE (OFZ)			AWOS
ROFA(E)	ROFA(F)	RUNWAY OBJECT FREE AREA (ROFA)			LIGHTED WINDCONE
RPZ(E)	RPZ(F)	RUNWAY PROTECTION ZONE (RPZ)			N/A SECTION CORNER
BRL(E)	BRL(F)	BUILDING RESTRICTION LINE (BRL)	4125		N/A CONTOURS
TSA(E)	TSA(F)	TAXIWAY SAFETY AREA (TSA)			ROADS/PARKING
TOFA(E)	TOFA(F)	TAXIWAY OBJECT FREE AREA (TOFA)			MARKINGS
	RVZ(F)	RUNWAY VISIBILITY ZONE (RVZ)	X	XX	FENCING
		AIRPORT REFERENCE POINT (ARP)			RUNWAY EDGE LIGHT
		TO BE REMOVED			TAXIWAY EDGE LIGHT

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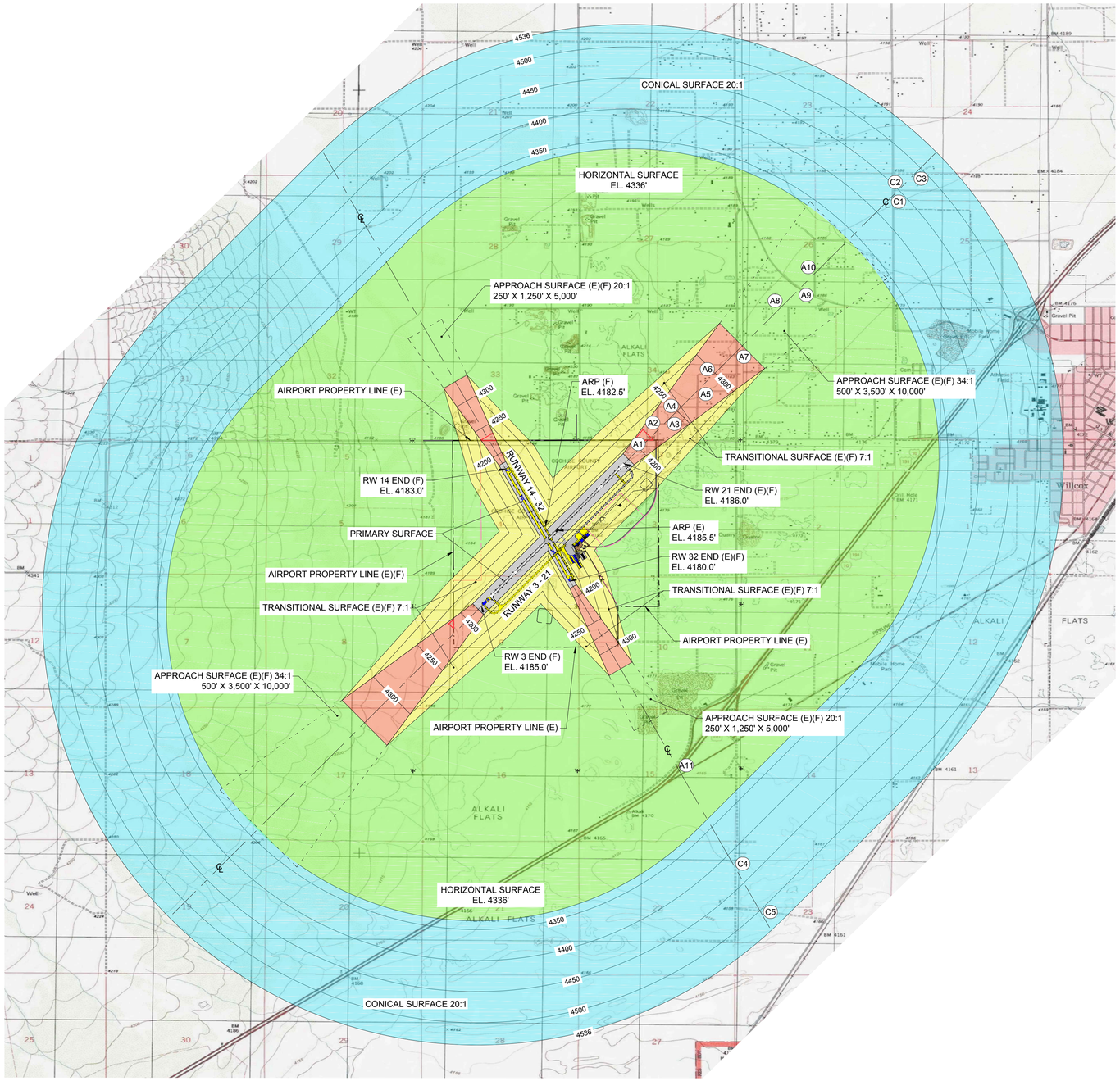
TERMINAL AREA DRAWING



OBSTRUCTION DATA TABLE

PART 77 SURFACE	ITEM No.	DESCRIPTION	ESTIMATED TOP ELEVATION (MSL)	PENETRATION (FEET)	REMARKS
PRIMARY		NONE	N/A	0'	NONE
APPROACH	A1	ROAD	4196	0'	NONE
	A2	ROAD	4196	0'	NONE
	A3	ROAD	4196	0'	NONE
	A4	ROAD	4196	0'	NONE
	A5	ROAD	4199	0'	NONE
	A6	ROAD	4199	0'	NONE
	A7	ROAD	4198	0'	NONE
	A8	ROAD	4200	0'	NONE
	A9	ROAD	4201	0'	NONE
	A10	ROAD	4180	0'	NONE
	A11	ROAD	4165	0'	NONE
7:1 TRANSITIONAL		NONE	N/A	0'	NONE
HORIZONTAL		NONE	N/A	0'	NONE
CONICAL	C1	ROAD	4203	0'	NONE
	C2	ROAD	4203	0'	NONE
	C3	ROAD	4203	0'	NONE
	C4	ROAD	4175	0'	NONE
	C5	ROAD	4170	0'	NONE

NOTES:

1. GROUND ELEVATION DATA UNITED STATES ELEVATION DATA 30 METER RESOLUTION, DATE UNKNOWN,

NOTES

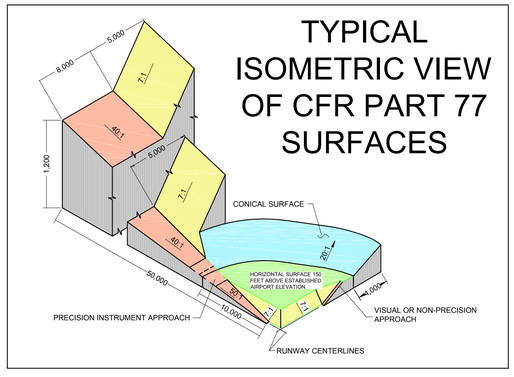
A) REFER TO "INNER PORTION OF THE APPROACH SURFACE" DRAWINGS FOR DETAILS ON ANY CLOSE-IN APPROACH OBSTRUCTIONS.

B) AN FAA FORM 7460-1, "NOTICE OF PROPOSED CONSTRUCTION OR ALTERATION" MUST BE SUBMITTED FOR ANY CONSTRUCTION OR ALTERATION (INCLUDING HANGARS AND OTHER ON-AIRPORT AND OFF-AIRPORT STRUCTURES, TOWERS, ETC.) WITHIN 20,000 HORIZONTAL FEET OF THE AIRPORT GREATER IN HEIGHT THAN AN IMAGINARY SURFACE EXTENDING OUTWARD AND UPWARD FROM THE RUNWAY AT A SLOPE OF 100 TO 1 OR GREATER IN HEIGHT THAN 200 FEET ABOVE GROUND LEVEL.

C) APPROACH SURFACES BASED ON ULTIMATE CONDITION.

HORIZONTAL SURFACE
TRANSITIONAL SURFACE
CONICAL SURFACE
APPROACH SURFACE
PRIMARY SURFACE
TERRAIN PENETRATION

TYPICAL ISOMETRIC VIEW OF CFR PART 77 SURFACES



9°47'17"

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0 2000 4000

SCALE IN FEET HORIZONTAL

NOTE:

SEE SHEET 7 FOR OBSTRUCTION DATA TABLE.

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COCHISE COUNTY AIRPORT
WILLCOX, ARIZONA

A.I.P. No. 3-04-0049-004-2013
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3							
2							
1							
0	136171	07/2014	ORIGINAL ISSUE	6171504	LDS	CM	JZP

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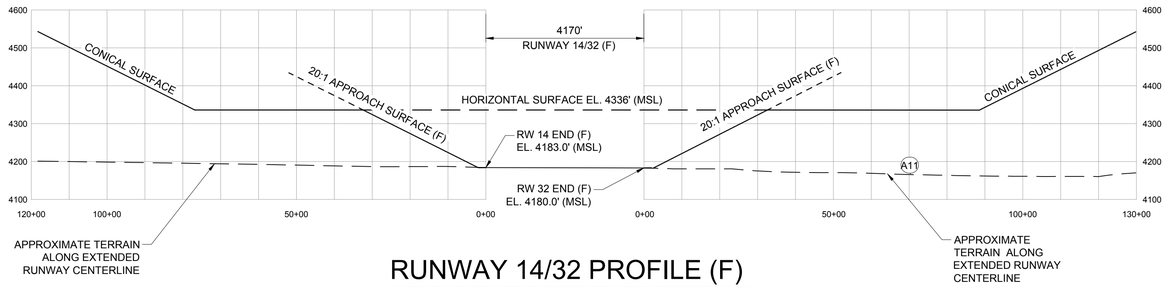
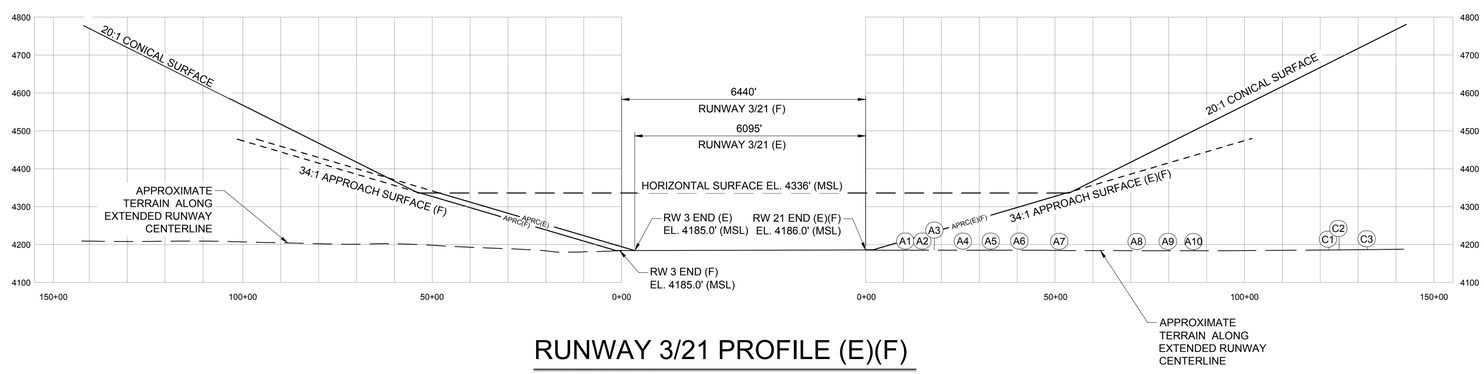
14 CFR
PART 77
AIRSPACE
PLAN
DRAWING



RUNWAY 14/32 PROFILE (F)

SCALE: PER BARSCALE



RUNWAY 3/21 PROFILE (E)(F)

SCALE: PER BARSCALE

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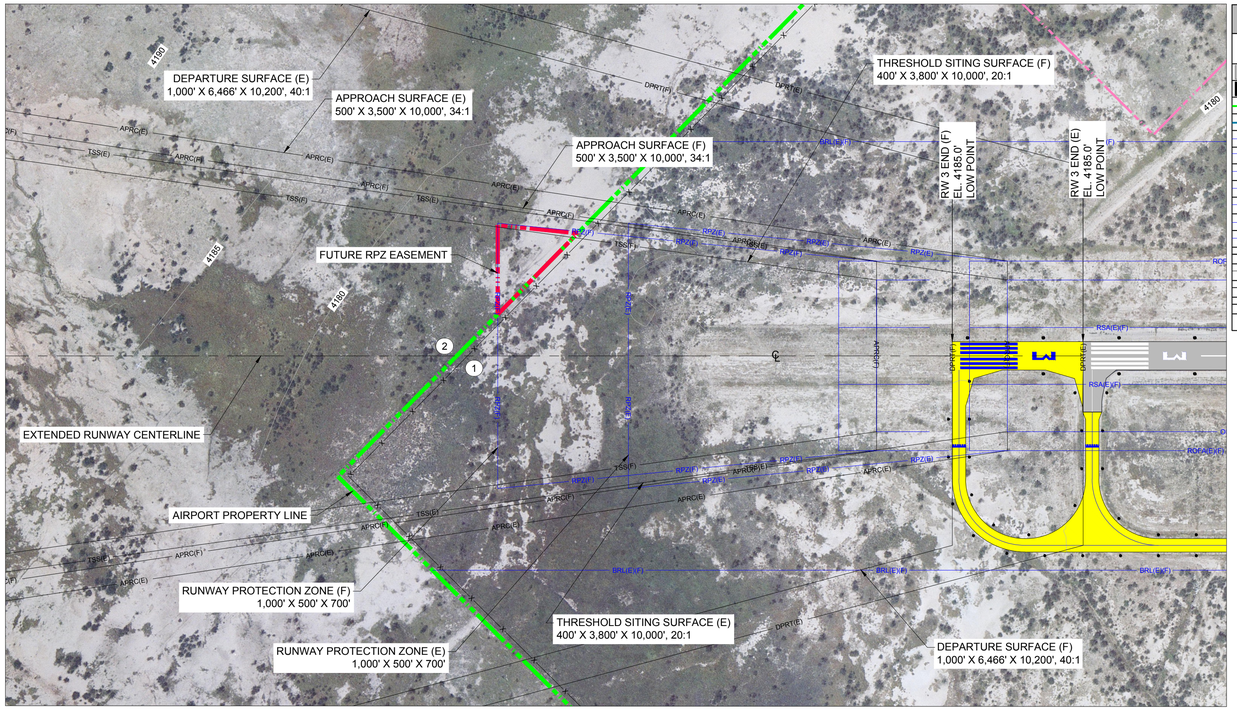
14 CFR
PART 77
AIRSPACE
PROFILE
DRAWING



PLAN - RUNWAY 3 (E)(F)

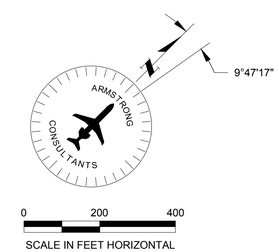
SCALE: PER BARSCALE

LEGEND

EXISTING	FUTURE	DESCRIPTION	EXISTING	FUTURE	DESCRIPTION
		AIRFIELD DEVELOPMENT (ASPH/CONC)			THRESHOLD LIGHTS
		STRUCTURE/FACILITIES (BUILDING)			REIL
		PROPERTY LINE (APL) / EASEMENT			VASI/PAPI
		LAND USE LINE			AIRPORT BEACON
RSA(E)	RSA(F)	RUNWAY SAFETY AREA (RSA)			WIND CONE & SEGMENTED CIRCLE
OFZ(E)	OFZ(F)	OBSTACLE FREE ZONE (OFZ)			AWOS
ROFA(E)	ROFA(F)	RUNWAY OBJECT FREE AREA (ROFA)			LIGHTED WIND CONE
RPZ(E)	RPZ(F)	RUNWAY PROTECTION ZONE (RPZ)		N/A	SECTION CORNER
BRL(E)	BRL(F)	BUILDING RESTRICTION LINE (BRL)	4125	N/A	CONTOURS
TSA(E)	TSA(F)	TAXIWAY SAFETY AREA (TSA)			ROADS/PARKING
TOFA(E)	TOFA(F)	TAXIWAY OBJECT FREE AREA (TOFA)			MARKINGS
APRC(E)	APRC(F)	APPROACH SURFACE	X	XX	FENCING
DPRT(E)	DPRT(F)	DEPARTURE SURFACE			RUNWAY EDGE LIGHT
TSS(E)	TSS(F)	THRESHOLD SITING SURFACE			TAXIWAY EDGE LIGHT
GQS(E)	GQS(F)	GLIDE PATH QUALIFICATION SURFACE			AIRPORT REFERENCE POINT (ARP)
	RVZ(F)	RUNWAY VISIBILITY ZONE (RVZ)			TO BE REMOVED

PROFILE - RUNWAY 3 (E)(F)

SCALE: PER GRID



APPROACH / DEPARTURE SURFACE PENETRATION TABLE

No.	OBJECT	EST. GRADE HT.	EST. OBJECT HT.	20:1 TSS SURFACE PEN.	34:1 APRC SURFACE PEN.	40:1 DEPT SURFACE PEN.	REMARKS
1	4' FENCE	4180	4184	NONE	NONE	NONE	NONE
2	PROPERTY LINE	4180	4180	NONE	NONE	NONE	NONE

NOTE: OBJECT ELEVATIONS IN FEET MSL (VERTICAL DATUM NAVD88).
* = OBJECT ELEVATIONS ARE ESTIMATED AND NOT BASED ON A SURVEY.

ELEVATION DATA UNITED STATES ELEVATION DATA 30 METER RESOLUTION, DATE UNKNOWN

\- = OBJECT IS NOT LOCATED WITHIN THIS SURFACE.
● = OBJECT PENETRATION LOCATION

EST. = ESTIMATED; ELEV. = ELEVATION; HT. = HEIGHT; PEN. = PENETRATION;
N/A = NOT APPLICABLE; O.L. = OBSTRUCTION LIGHT; APRC = APPROACH SURFACE;

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WILLCOX, ARIZONA

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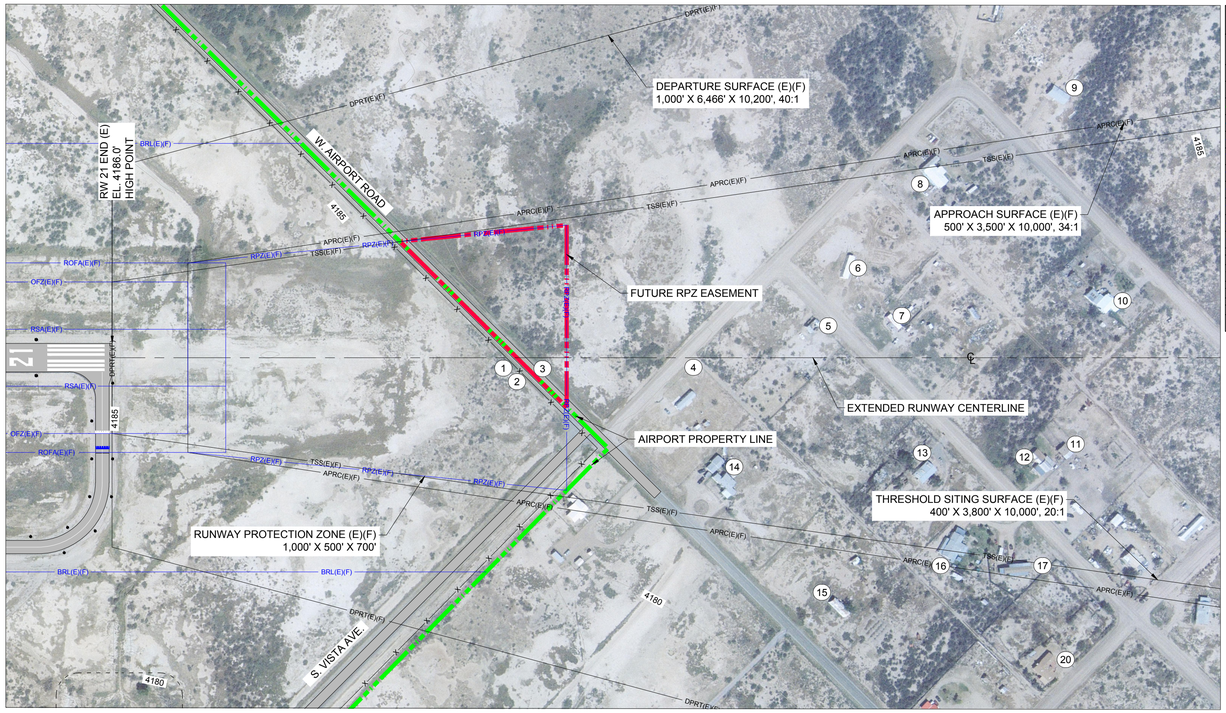
RW 3 (E)(F)
INNER
APPROACH
DRAWING

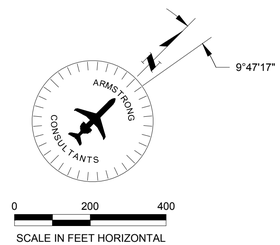


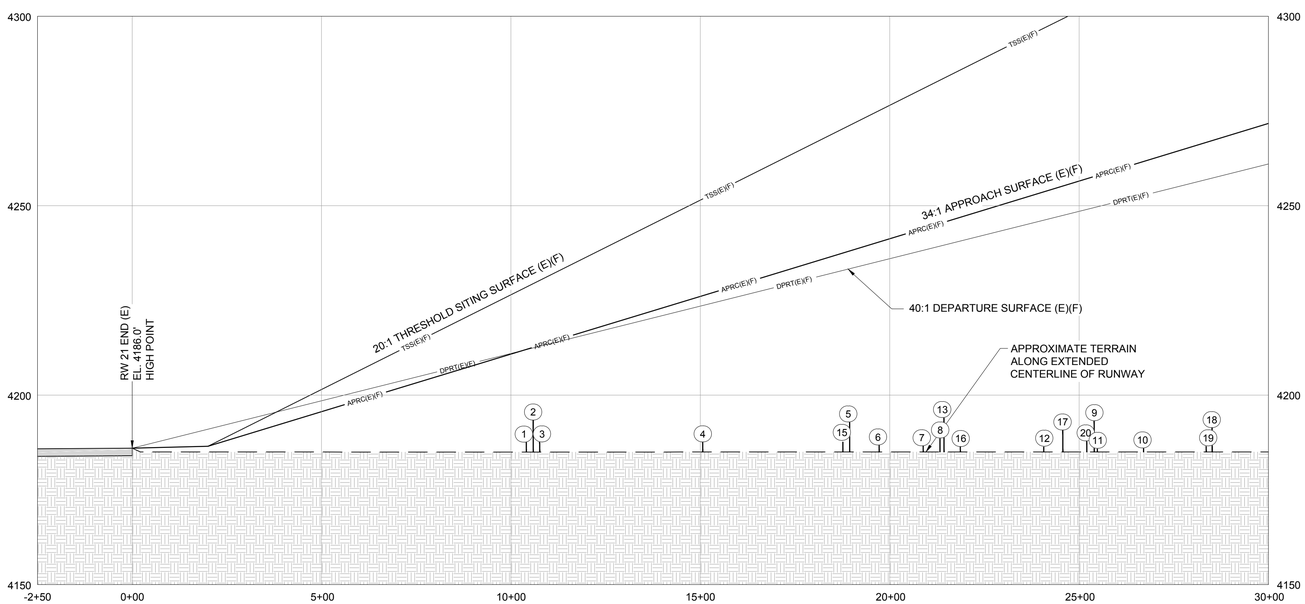
PLAN - RUNWAY 21 (E)(F)

SCALE: PER BARSCALE

LEGEND

EXISTING	FUTURE	DESCRIPTION	EXISTING	FUTURE	DESCRIPTION
		AIRFIELD DEVELOPMENT (ASPH/CONC)			THRESHOLD LIGHTS
		STRUCTURE/FACILITIES (BUILDING)			REIL
		PROPERTY LINE (APL) / EASEMENT			VASI/PAPI
		LAND USE LINE			AIRPORT BEACON
RSA(E)	RSA(F)	RUNWAY SAFETY AREA (RSA)			WIND CONE & SEGMENTED CIRCLE
OFZ(E)	OFZ(F)	OBSTACLE FREE ZONE (OFZ)			AWOS
ROFA(E)	ROFA(F)	RUNWAY OBJECT FREE AREA (ROFA)			LIGHTED WIND CONE
RPZ(E)	RPZ(F)	RUNWAY PROTECTION ZONE (RPZ)			SECTION CORNER
BRL(E)	BRL(F)	BUILDING RESTRICTION LINE (BRL)	4125	N/A	CONTOURS
TSA(E)	TSA(F)	TAXIWAY SAFETY AREA (TSA)			ROADS/PARKING
TOFA(E)	TOFA(F)	TAXIWAY OBJECT FREE AREA (TOFA)			MARKINGS
APRC(E)	APRC(F)	APPROACH SURFACE	X	XX	FENCING
DPRT(E)	DPRT(F)	DEPARTURE SURFACE			RUNWAY EDGE LIGHT
TSS(E)	TSS(F)	THRESHOLD SITING SURFACE			TAXIWAY EDGE LIGHT
GQS(E)	GQS(F)	GLIDE PATH QUALIFICATION SURFACE			AIRPORT REFERENCE POINT (ARP)
	RVZ(F)	RUNWAY VISIBILITY ZONE (RVZ)			TO BE REMOVED





PROFILE - RUNWAY 21 (E)(F)

SCALE: PER GRID

APPROACH / DEPARTURE SURFACE PENETRATION TABLE

No.	OBJECT	EST. GRADE HT.	EST. OBJECT HT.	20:1 TSS SURFACE PEN.	34:1 APRC SURFACE PEN.	40:1 DEPT SURFACE PEN.	REMARKS
1	4' FENCE	4180	4184	NONE	NONE	NONE	NONE
2	PROPERTY LINE	4180	4180	NONE	NONE	NONE	NONE
3	ROAD	4180	4195	NONE	NONE	NONE	NONE
4	ROAD	4180	4195	NONE	NONE	NONE	NONE
5	BUILDING	4180	4195	NONE	NONE	NONE	NONE
6	BUILDING	4180	4195	NONE	NONE	NONE	NONE
7	BUILDING	4180	4195	NONE	NONE	NONE	NONE
8	BUILDING	4180	4195	NONE	NONE	NONE	NONE
9	BUILDING	4180	4195	NONE	NONE	NONE	NONE
10	BUILDING	4180	4195	NONE	NONE	NONE	NONE
11	BUILDING	4180	4195	NONE	NONE	NONE	NONE
12	BUILDING	4180	4195	NONE	NONE	NONE	NONE
13	BUILDING	4180	4195	NONE	NONE	NONE	NONE
14	BUILDING	4180	4195	NONE	NONE	NONE	NONE
15	BUILDING	4180	4195	NONE	NONE	NONE	NONE
16	BUILDING	4180	4195	NONE	NONE	NONE	NONE
17	BUILDING	4180	4195	NONE	NONE	NONE	NONE
18	BUILDING	4180	4195	NONE	NONE	NONE	NONE
19	BUILDING	4180	4195	NONE	NONE	NONE	NONE
20	BUILDING	4180	4195	NONE	NONE	NONE	NONE

NOTE: OBJECT ELEVATIONS IN FEET MSL (VERTICAL DATUM NAVD88).
* = OBJECT ELEVATIONS ARE ESTIMATED AND NOT BASED ON A SURVEY.

ELEVATION DATA UNITED STATES ELEVATION DATA 30 METER RESOLUTION, DATE UNKNOWN

- = OBJECT IS NOT LOCATED WITHIN THIS SURFACE.
● = OBJECT PENETRATION LOCATION

EST. = ESTIMATED; ELEV. = ELEVATION; HT. = HEIGHT; PEN. = PENETRATION;
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WILLCOX, ARIZONA

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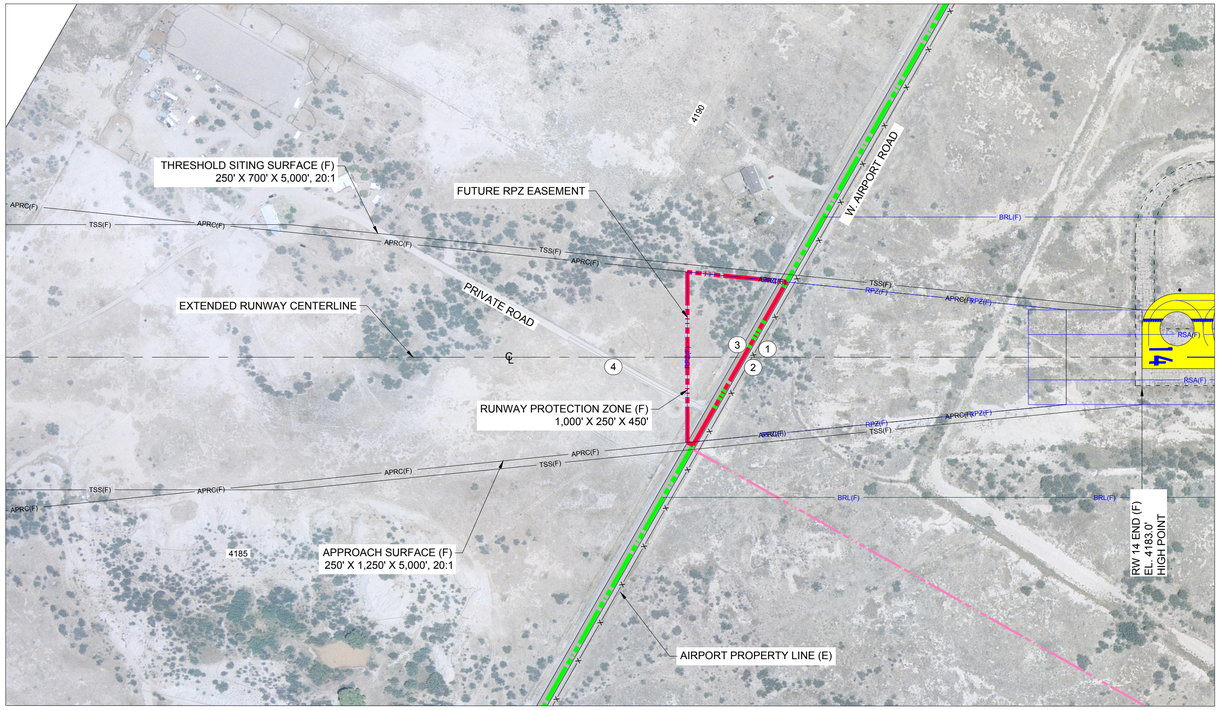
RW 21 (E)(F)
INNER
APPROACH
DRAWING

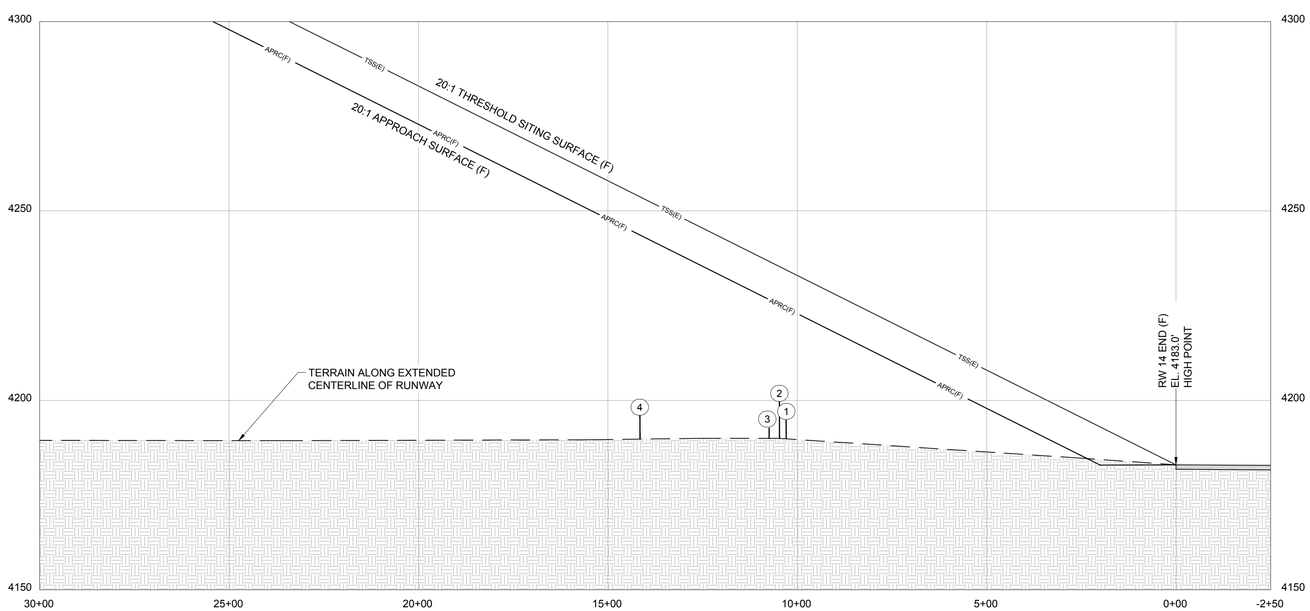


PLAN - RUNWAY 14 (F)

SCALE: PER BARSCALE

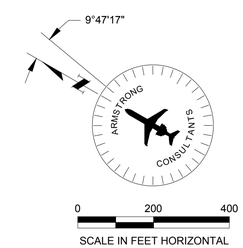
LEGEND

EXISTING	FUTURE	DESCRIPTION	EXISTING	FUTURE	DESCRIPTION
		AIRFIELD DEVELOPMENT (ASPH/CONC)			THRESHOLD LIGHTS
		STRUCTURE/FACILITIES (BUILDING)			REIL
		PROPERTY LINE (APL) / EASEMENT			VASI/PAPI
		LAND USE LINE			AIRPORT BEACON
RSA(E)	RSA(F)	RUNWAY SAFETY AREA (RSA)			WIND CONE & SEGMENTED CIRCLE
OFZ(E)	OFZ(F)	OBSTACLE FREE ZONE (OFZ)			AWOS
ROFA(E)	ROFA(F)	RUNWAY OBJECT FREE AREA (ROFA)			LIGHTED WIND CONE
RPZ(E)	RPZ(F)	RUNWAY PROTECTION ZONE (RPZ)		N/A	SECTION CORNER
BRL(E)	BRL(F)	BUILDING RESTRICTION LINE (BRL)	4125	N/A	CONTOURS
TSA(E)	TSA(F)	TAXIWAY SAFETY AREA (TSA)			ROADS/PARKING
TOFA(E)	TOFA(F)	TAXIWAY OBJECT FREE AREA (TOFA)			MARKINGS
APRC(E)	APRC(F)	APPROACH SURFACE	X	XX	FENCING
DPRT(E)	DPRT(F)	DEPARTURE SURFACE			RUNWAY EDGE LIGHT
TSS(E)	TSS(F)	THRESHOLD SITING SURFACE			TAXIWAY EDGE LIGHT
GQS(E)	GQS(F)	GLIDE PATH QUALIFICATION SURFACE			AIRPORT REFERENCE POINT (ARP)
	RVZ(F)	RUNWAY VISIBILITY ZONE (RVZ)			TO BE REMOVED



PROFILE - RUNWAY 14 (F)

SCALE: PER GRID



APPROACH / DEPARTURE SURFACE PENETRATION TABLE

No.	OBJECT	EST. GRADE HT.	EST. OBJECT HT.	20:1 TSS SURFACE PEN.	34:1 APRC SURFACE PEN.	REMARKS
1	4' FENCE	4180	4184	NONE	NONE	NONE
2	PROPERTY LINE	4180	4195	NONE	NONE	NONE
3	ROAD	4180	4195	NONE	NONE	NONE
4	ROAD	4180	4195	NONE	NONE	NONE

NOTE: OBJECT ELEVATIONS IN FEET MSL (VERTICAL DATUM NAVD88).
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ELEVATION DATA UNITED STATES ELEVATION DATA 30 METER RESOLUTION, DATE UNKNOWN
-10+00

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● = OBJECT PENETRATION LOCATION

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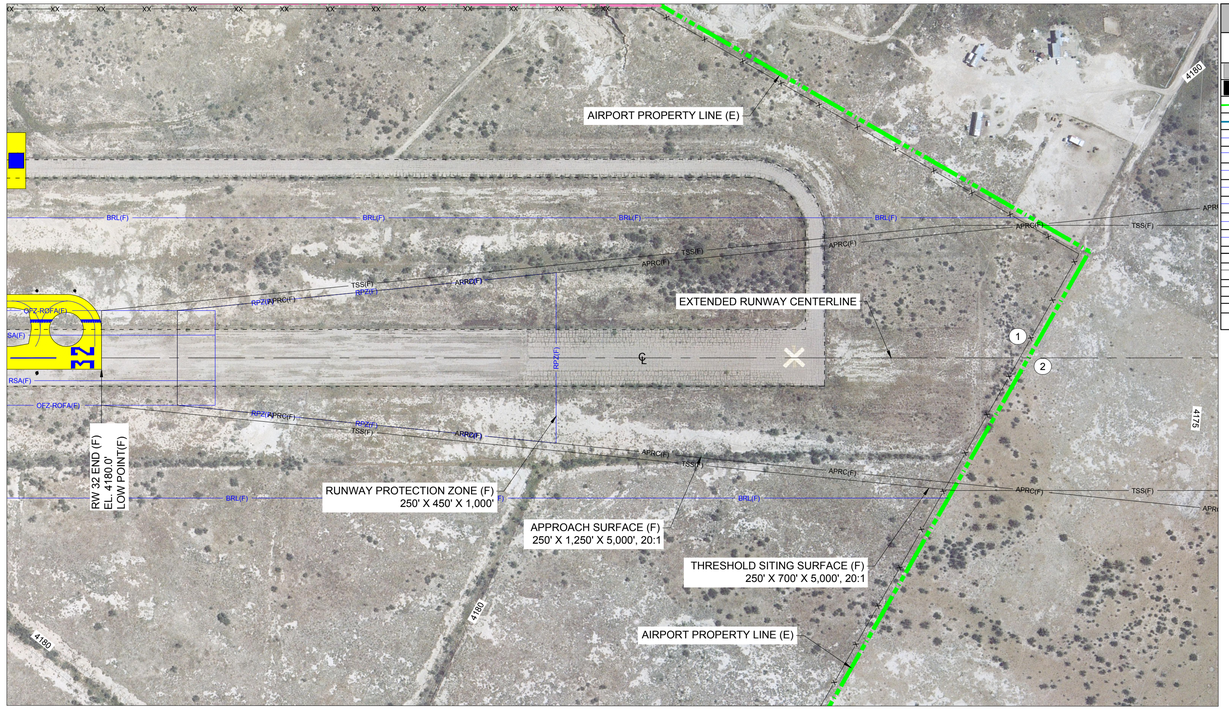
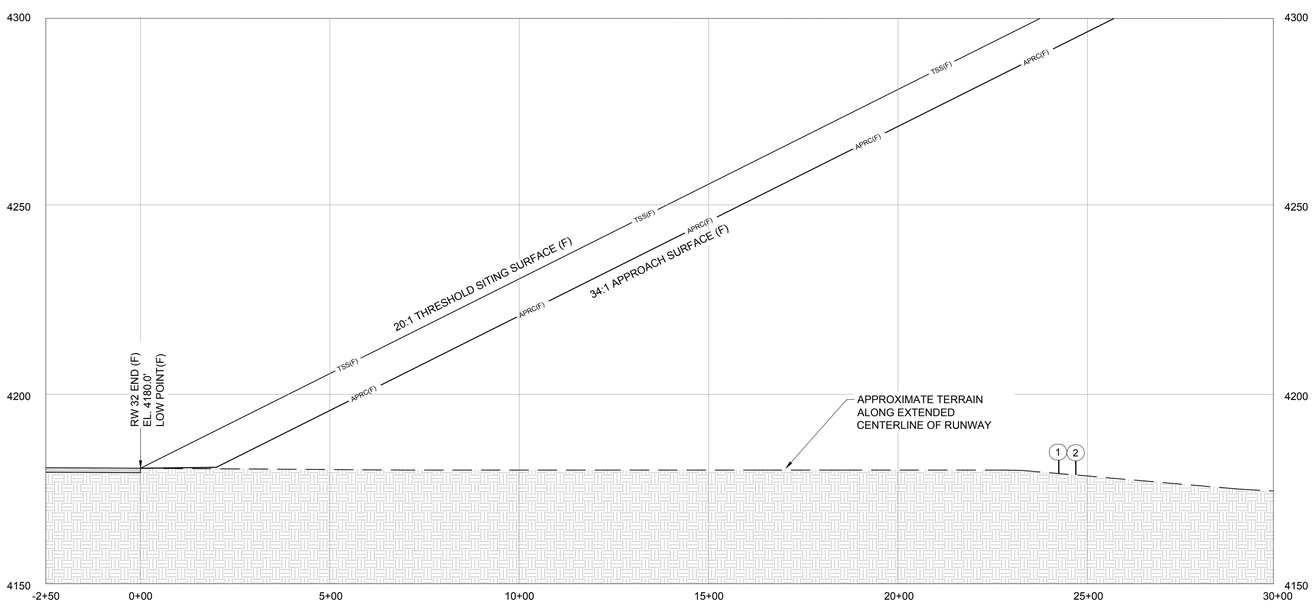
RW 14 (F)
INNER
APPROACH
DRAWING



PLAN - RUNWAY 32 (F)

SCALE: PER BARSCALE

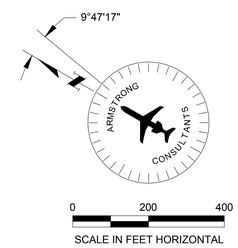


PROFILE - RUNWAY 32 (F)

SCALE: PER BARSCALE

LEGEND

EXISTING	FUTURE	DESCRIPTION	EXISTING	FUTURE	DESCRIPTION
		AIRFIELD DEVELOPMENT (ASPH/CONC)			THRESHOLD LIGHTS
		STRUCTURE/FACILITIES (BUILDING)			REIL
		PROPERTY LINE (APL) / EASEMENT			VASI/PAPI
		LAND USE LINE			AIRPORT BEACON
RSA(E)	RSA(F)	RUNWAY SAFETY AREA (RSA)			WIND CONE & SEGMENTED CIRCLE
OFZ(E)	OFZ(F)	OBSTACLE FREE ZONE (OFZ)			AWOS
ROFA(E)	ROFA(F)	RUNWAY OBJECT FREE AREA (ROFA)			LIGHTED WIND CONE
RPZ(E)	RPZ(F)	RUNWAY PROTECTION ZONE (RPZ)		N/A	SECTION CORNER
BRL(E)	BRL(F)	BUILDING RESTRICTION LINE (BRL)	4125	N/A	CONTOURS
TSA(E)	TSA(F)	TAXIWAY SAFETY AREA (TSA)			ROADS/PARKING
TOFA(E)	TOFA(F)	TAXIWAY OBJECT FREE AREA (TOFA)			MARKINGS
APRC(E)	APRC(F)	APPROACH SURFACE	X	XX	FENCING
DPRT(E)	DPRT(F)	DEPARTURE SURFACE			RUNWAY EDGE LIGHT
TSS(E)	TSS(F)	THRESHOLD SITING SURFACE			TAXIWAY EDGE LIGHT
GQS(E)	GQS(F)	GLIDE PATH QUALIFICATION SURFACE			AIRPORT REFERENCE POINT (ARP)
	RVZ(F)	RUNWAY VISIBILITY ZONE (RVZ)			TO BE REMOVED



APPROACH / DEPARTURE SURFACE PENETRATION TABLE

No.	OBJECT	EST. GRADE HT.	EST. OBJECT HT.	20:1 TSS SURFACE PEN.	34:1 APRC SURFACE PEN.	REMARKS
1	4' FENCE	4180	4184	NONE	NONE	NONE
2	PROPERTY LINE	4180	4184	NONE	NONE	NONE

NOTE: OBJECT ELEVATIONS IN FEET MSL (VERTICAL DATUM NAVD88).
* = OBJECT ELEVATIONS ARE ESTIMATED AND NOT BASED ON A SURVEY.

ELEVATION DATA UNITED STATES ELEVATION DATA 30 METER RESOLUTION, DATE UNKNOWN

\- = OBJECT IS NOT LOCATED WITHIN THIS SURFACE.
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EST. = ESTIMATED; ELEV. = ELEVATION; HT. = HEIGHT; PEN. = PENETRATION;
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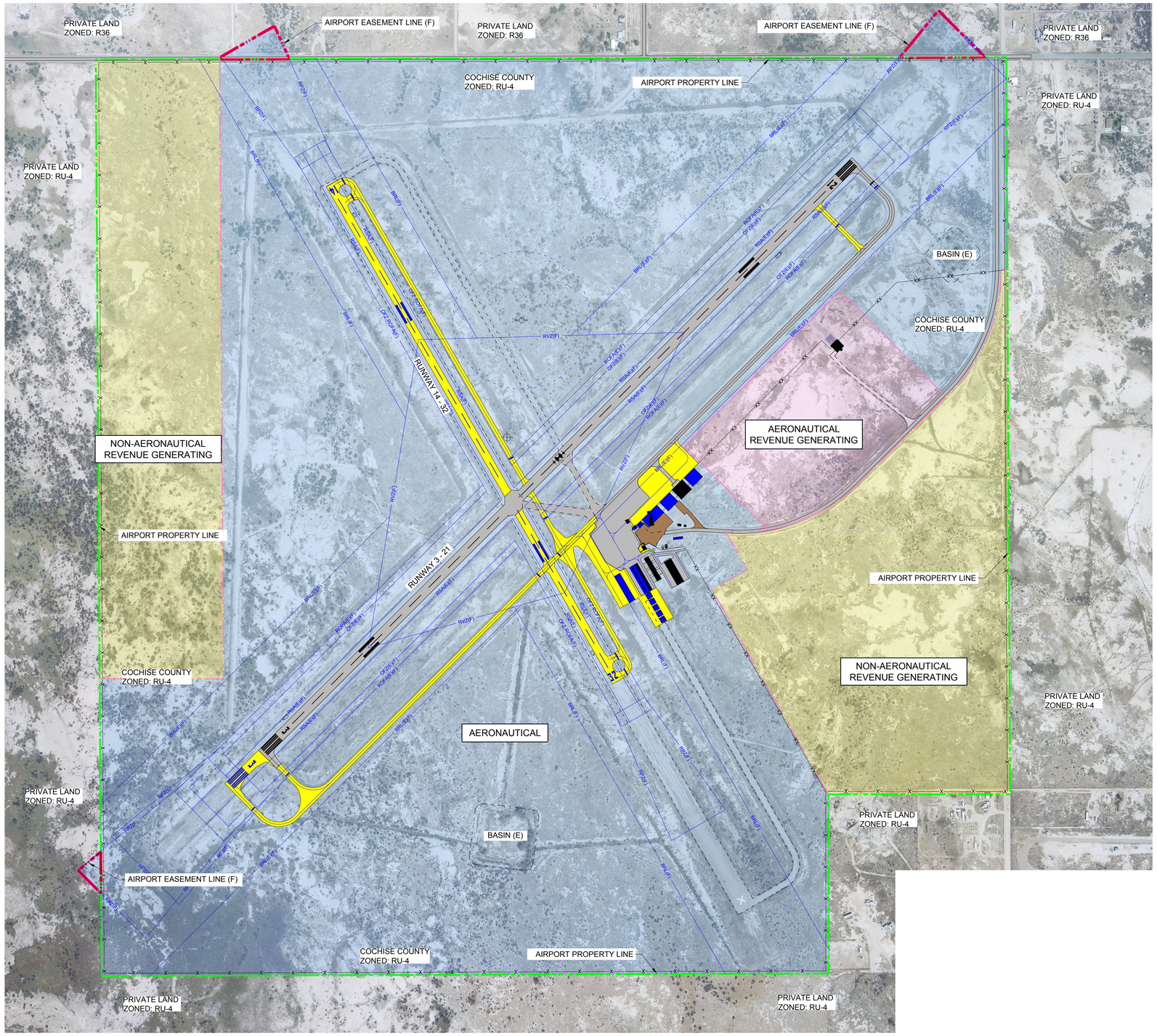
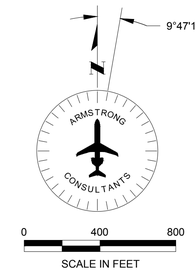
RW 32 (F)
INNER
APPROACH
DRAWING





LEGEND

- AERONAUTICAL
- AERONAUTICAL REVENUE GENERATING
- NON-AERONAUTICAL DEVELOPMENT PARCEL

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COCHISE COUNTY AIRPORT
WILLCOX, ARIZONA

A.I.P. No. 3-04-0049-004-2013
AIRPORT LAYOUT PLAN

No.	Project No.	Date	Revision / Description	File	Drwn.	Chkd.	Apprvd.
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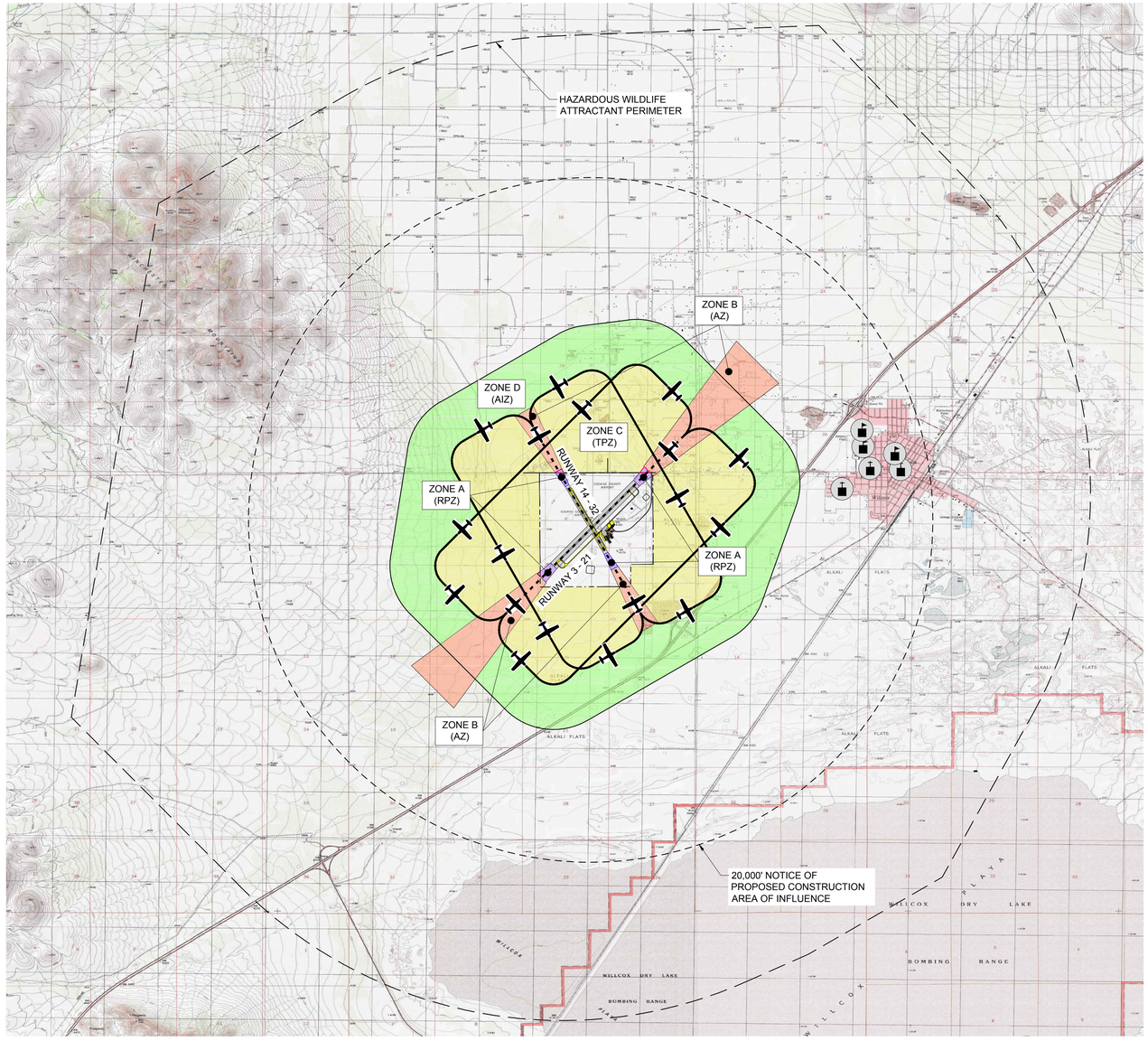
ON-AIRPORT
LAND USE
DRAWING



PLAN

SCALE: PER BARSCALE

LAND USE COMPATIBILITY GUIDELINES

Land Use Category	ZONE D Airport Influence (AIZ)	ZONE C Traffic Pattern (TPZ)	ZONE B Approach (AZ)	ZONE A Runway Protection (RPZ)
Residential				
single-family, nursing homes, mobile homes,	++	++	++	++
multi-family, apartments, condominiums transient lodging, hotel, motel	++	++	++	++
Public				
schools, libraries, hospitals	++	++	++	++
churches, auditoriums, concert halls	++	++	++	++
transportation, parking, cemeteries	++	++	++	++
Commercial and Industrial				
offices, retail trade, service commercial, wholesale trade, warehousing, light industrial, general manufacturing, utilities, extractive industry	++	++	++	++
Agricultural and Recreational				
cropland	++	++	++	++
livestock breeding	++	++	++	++
parks, playgrounds, zoos, golf courses, riding stables, water recreation	++	++	++	++
outdoor spectator sports	++	++	++	++
amphitheaters	++	++	++	++
open space	++	++	++	++

NOTE: DEVELOPMENT PROJECTS WHICH ARE WILDLIFE ATTRACTANT, INCLUDING SEWERAGE PONDS AND LANDFILLS, WITHIN 10,000 FEET OF THE AIRPORT ARE UNACCEPTABLE. (REF.: FAA AC 150/5200-33)

(1) If allowed, avigation easements and disclosure must be required as a condition of development.
(2) Any structures associated with uses allowed in the RPZ must be located outside the RPZ.
(3) If no reasonable alternative exists, use should be located as far from extended centerline as possible.
(4) If no reasonable alternative exists, use should be located as far from extended runway centerline and traffic patterns as possible.
(5) Transportation facilities in the RPZ (i.e. roads, railroads, waterways) must be configured to comply with Part 77 requirements.

CRITERIA

Land Use Availability	Interpretation/Comments
++ Clearly Acceptable	The activities associated with the specified land use will experience little or no impact due to airport operations. Disclosure of airport proximity should be required as a condition of development.
+ Normally Acceptable	The specified land use is acceptable in this zone or area. Impact may be perceived by some residents. Disclosure of airport proximity should be required as a condition of development. Dedication of avigation easements may also be advisable.
o Conditionally Acceptable	If appropriate disclosure avigation easements and density limitations are put in place, residential uses and uses involving indoor public assemblies are acceptable.
- Normally Unacceptable	Specified use should be allowed only if no reasonable alternative exists. Disclosure of airport proximity and avigation easements must be required as a condition of development.
- - Clearly Unacceptable	Specified use must not be allowed. Potential safety or overflight nuisance impacts are likely in this area.

LEGEND

- RUNWAY PROTECTION ZONE (RPZ) AS DIMENSIONED ON SHEET 2 OF AIRPORT LAYOUT PLAN.
- APPROACH SURFACE AS DESCRIBED ON THE FAR PART 77 DRAWING OF THE AIRPORT LAYOUT PLAN.
- NO HAZARDOUS WILDLIFE ATTRACTANT PERIMETER
- CHURCH
- H HOSPITAL
- SCHOOL
- P PARK
- TYPICAL TRAFFIC PATTERN DIRECTION AND FLIGHT TRACK AREA.

NOTES

No land fills within 5 miles of the airport.

No section 4f land affected by the airport.

NOTICE OF PROPOSED CONSTRUCTION

An FAA Form 7460-1, "Notice of Proposed Construction or Alteration" must be submitted for any construction or alteration (including hangars and other on-airport and off-airport structures, towers, etc.) within 20,000 horizontal feet of the airport greater in height than an imaginary surface extending outward and upward from the runway at a slope of 100 to 1 or greater in height than 200 feet above ground level.

ORDINANCES IN EFFECT

NONE OR PER PLANNER

9°47'17"

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0 4000 8000

SCALE IN FEET

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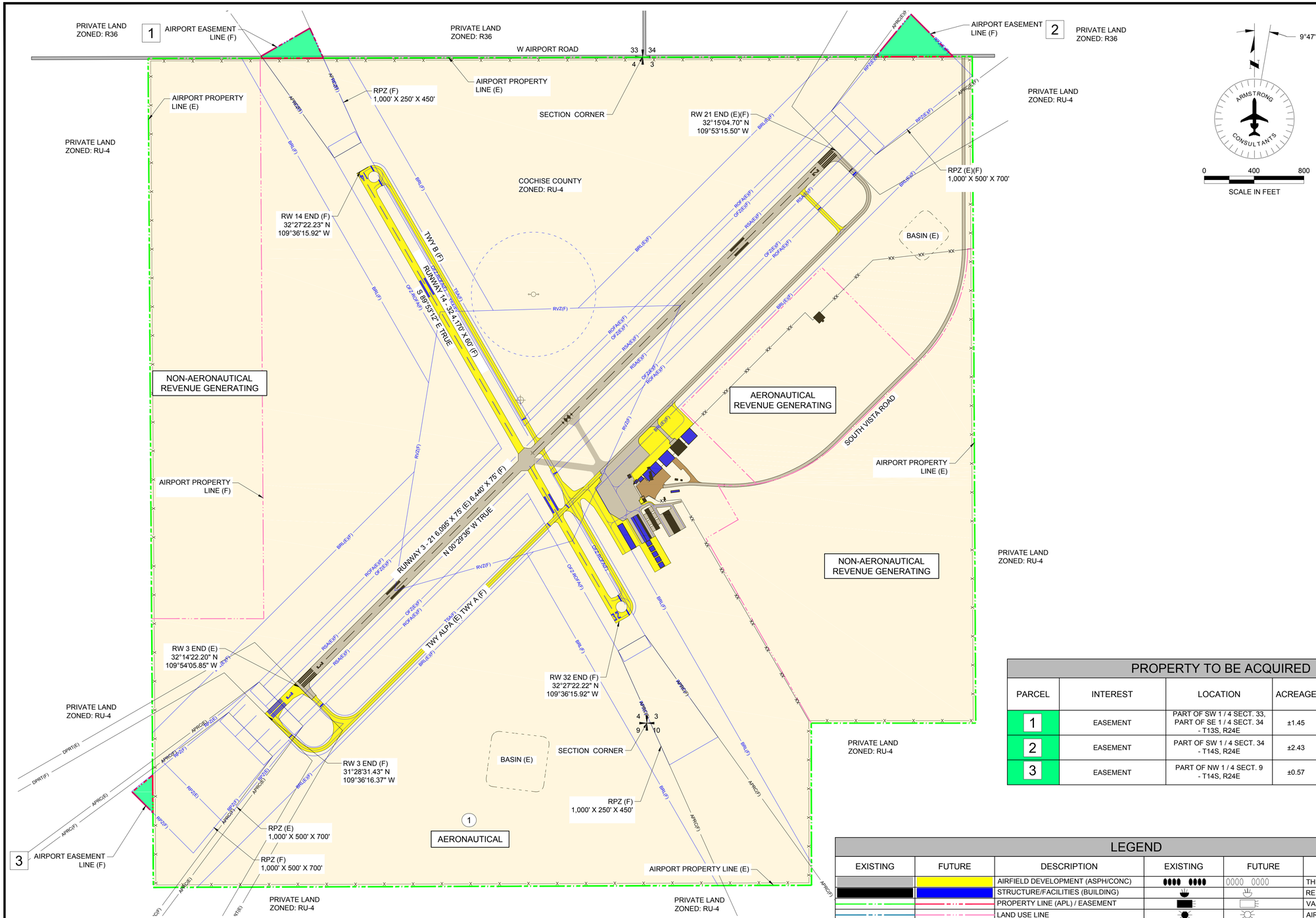
OFF-AIRPORT LAND USE DRAWING



PROPERTY TO BE ACQUIRED

PARCEL	INTEREST	LOCATION	ACREAGE	PURPOSE
1	EASEMENT	PART OF SW 1 / 4 SECT. 33, PART OF SE 1 / 4 SECT. 34 - T13S, R24E	±1.45	APPROACH PROTECTION
2	EASEMENT	PART OF SW 1 / 4 SECT. 34 - T14S, R24E	±2.43	APPROACH PROTECTION
3	EASEMENT	PART OF NW 1 / 4 SECT. 9 - T14S, R24E	±0.57	APPROACH PROTECTION

EXISTING AIRPORT PROPERTY

PARCEL	CURRENT OWNER	INTEREST	LOCATION	BOOK/PAGE	DATE	ACREAGE	FEDERAL PARTICIPATION
1	COCHISE COUNTY	FEE SIMPLE	PART OF SECT. 3,4, 9,10 T14S, R24E	B139 P586,587,588,589	5 / 3 / 1944	±971.5	N/A

LEGEND

EXISTING	FUTURE	DESCRIPTION	EXISTING	FUTURE	DESCRIPTION
		AIRFIELD DEVELOPMENT (ASPH/CONC)			THRESHOLD LIGHTS
		STRUCTURE/FACILITIES (BUILDING)			REIL
		PROPERTY LINE (APL) / EASEMENT			VASI/PAPI
		LAND USE LINE			AIRPORT BEACON
RSA(E)	RSA(F)	RUNWAY SAFETY AREA (RSA)			WIND CONE & SEGMENTED CIRCLE
OFZ(E)	OFZ(F)	OBSTACLE FREE ZONE (OFZ)			AWOS
ROFA(E)	ROFA(F)	RUNWAY OBJECT FREE AREA (ROFA)			LIGHTED WIND CONE
RPZ(E)	RPZ(F)	RUNWAY PROTECTION ZONE (RPZ)		N/A	SECTION CORNER
BRL(E)	BRL(F)	BUILDING RESTRICTION LINE (BRL)		N/A	CONTOURS
TSA(E)	TSA(F)	TAXIWAY SAFETY AREA (TSA)			ROADS/PARKING
TOFA(E)	~~TOFA(F)~~	TAXIWAY OBJECT FREE AREA (TOFA)			MARKINGS
	RVZ(F)	RUNWAY VISIBILITY ZONE (RVZ)	X	XX	FENCING
		AIRPORT REFERENCE POINT (ARP)			RUNWAY EDGE LIGHT
		TO BE REMOVED			TAXIWAY EDGE LIGHT

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EXHIBIT "A"
PROPERTY
MAP

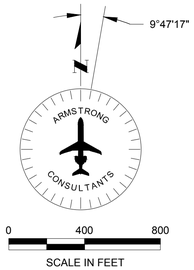
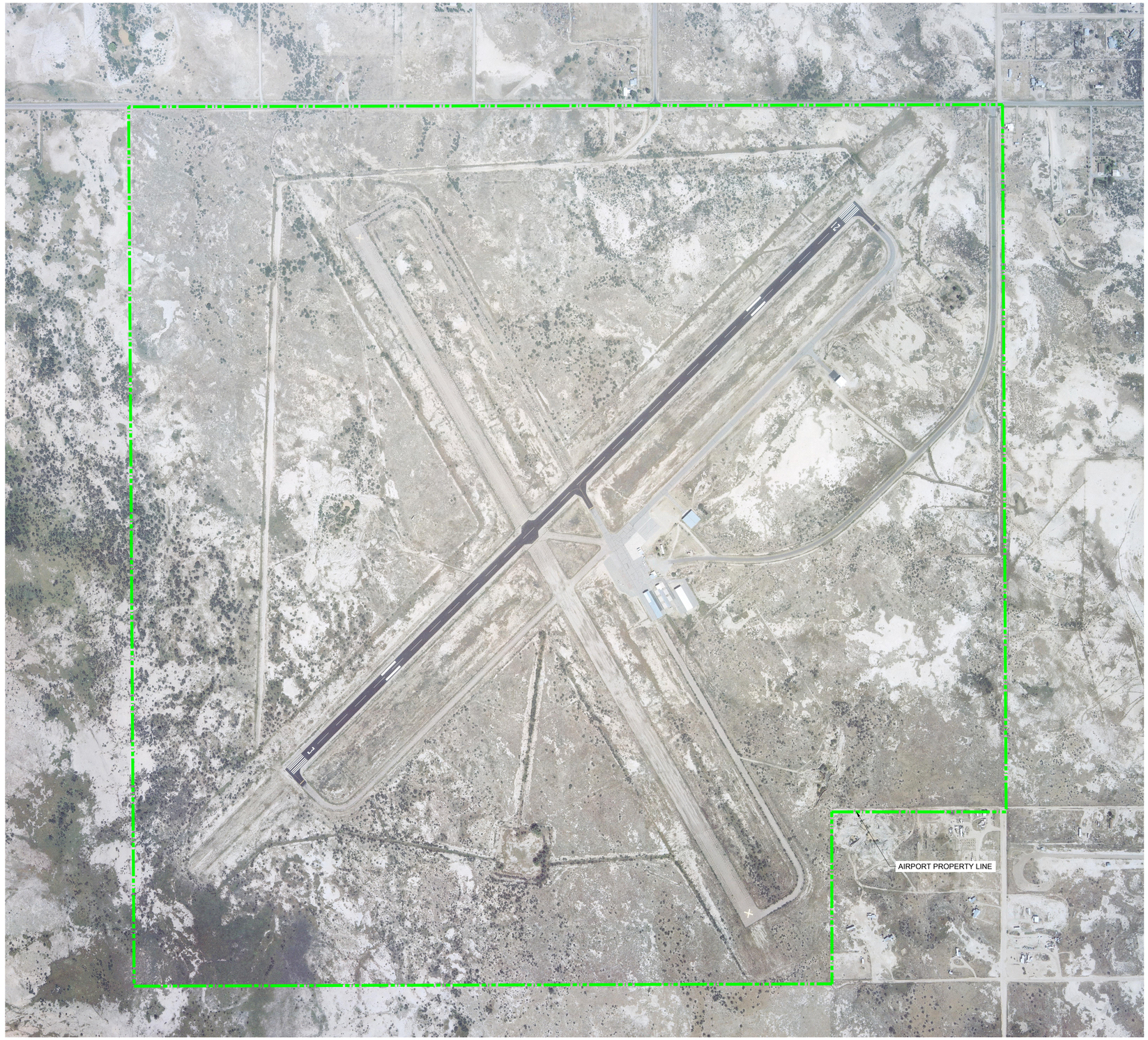


PHOTO DATE: DECEMBER 2013



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AERIAL PHOTOGRAPH