AIRPORT DESIGN AIRPLANE AND AIRPORT DATA

Aircraft Approach Category B		
Airplane Design Group II		
Airplane wingspan	99 fe	tac
Primary runway end approach visibility minimums are not lower than	1 mi	10
Other runway end approach visibility minimums are not lower than 1		
Airplane undercarriage width (1.15 x main gear track) 14.		
Airport elevation	.50 fe	eet
RUNWAY AND TAXIWAY WIDTH AND CLEARANCE STANDARD DIMENSIONS	k.	
Airplane		/ARC
Runway centerline to parallel runway centerline simultaneous operati	ons	
when wake turbulence is not treated as a factor:		
	700	feet
VFR operations with one intervening taxiway	700	feet
VFR operations with two intervening taxiways	700	feet
IFR approach and departure with approach to near threshold 2500		
100 ft for each 500 ft of threshold stagger to a minimum of 10		
Too it for each you it or enternora beagger to a minimum or it	00 10	
Runway centerline to parallel runway centerline simultaneous operati	one	
when wake turbulence is treated as a factor:	ons	
when wake turburence is treated as a factor:		
UED anamakiana	2500	
	2500	
	2500	
	2500	
IFR approach and departure with approach to far threshold 2500	feet	plus
100 feet for each 500 feet of threshold stagger.		
IFR approaches	3400	feet
Runway centerline to parallel taxiway/taxilane centerline . 239.5	240	feet
Runway centerline to edge of aircraft parking 250.0	250	feet
Runway width	75	feet
Runway shoulder width	10	feet
Runway blast pad width		feet
Runway blast pad length		feet
Runway safety area width		feet
Runway safety area length beyond each runway end	150	reer
	200	feet
or stopway end, whichever is greater		
Runway object free area width	500	feet
Runway object free area length beyond each runway end		
or stopway end, whichever is greater	300	
Clearway width	500	
Stopway width	75	feet
Obstacle free zone (OFZ):		
Runway OFZ width	400	feet
Runway OFZ length beyond each runway end	200	feet
Inner-approach OFZ width	400	feet
Inner-approach OFZ length beyond approach light system	200	
	50:1	
Inner-transitional OFZ slope	0:1	
amica caumoacaonua ora baope	0.1	
Runway protection zone at the primary runway end:		
mannal procedural some we the primary runnay cha.		
Width 200 feet from runway end	500 :	feet
Width 1200 feet from runway end	700	
naden abov acco atom adminay cha	100	****

Length	feet
Runway protection zone at other runway end:	
Width 200 feet from runway end	Eeet
Width 1200 feet from runway end	feet
Length	feet
bengen	
Departure runway protection zone:	
Width 200 feet from the far end of TORA 500	feet
Width 1200 feet from the far end of TORA 700	feet
Length	feet
bongon	
Threshold surface at primary runway end:	
Distance out from threshold to start of surface 0	feet
Width of surface at start of trapezoidal section 400	feet
Width of surface at end of trapezoidal section 1000	
Length of trapezoidal section	
Bengen of craponorual posterior	
monigon of accountance account to the terminal accountance and the terminal accountance are accountance and the terminal accountance and the terminal accountance accountance and the terminal accountance and the terminal accountance and the terminal accountance and the terminal accountance accountance and the terminal accountance accountance and the terminal accountance accountance and the t	.ccc
Slope of surface	
Threshold surface at other runway end:	
Distance out from threshold to start of surface 0	Eeet
Width of surface at start of trapezoidal section	
namen or paramet no one or confirmation account.	
Length of trapezoidal section	
Length of rectangular section 8500 f	eet
Slope of surface	
Taxiway centerline to parallel taxiway/taxilane centerline 104.8 105 f	eet
Taxiway centerline to fixed or movable object 65.3 65.5	
Taxilane centerline to parallel taxilane centerline 96.9 97	
Taxilane centerline to parallel taxilane centerline	
idizadio concentante de annos da mermane dajese	
Taxiway shoulder width	
Taxiway safety area width	
Taxiway object free area width	
Taxilane object free area width	
Taxiway edge safety margin	eet
Taxiway wingtip clearance	
	eet
Taxilane wingtip clearance	

REFERENCE: AC 150/5300-13, Airport Design, including Changes 1 through 4.

AIRPORT DESIGN AIRPLANE AND AIRPORT DATA

ALLE ONL DESCRIPTION THE THREE		
Aircraft Approach Category B		
Airplane Design Group II		
	.99 fe	ot
Primary runway end approach visibility minimums are not lower than	1 3/4	mile
Other runway end approach visibility minimums are not lower than 3	3/4 mi	lle
Airplane undercarriage width (1.15 x main gear track) 14.	.95 fe	eet
Airport elevation	150 fe	eet
All pole dictation		28.6
RUNWAY AND TAXIWAY WIDTH AND CLEARANCE STANDARD DIMENSIONS	2	
ROWAL AND TAXIBLE WIDTH AND CHIMMING DIRECTOR	5	
Airplane	Grour	/ARC
		// Auto
Runway centerline to parallel runway centerline simultaneous operati	COIIS	
when wake turbulence is not treated as a factor:		
	11212121	-
VFR operations with no intervening taxiway	700	
VFR operations with one intervening taxiway	700	feet
VFR operations with two intervening taxiways	700	feet
IFR approach and departure with approach to near threshold 2500		
100 ft for each 500 ft of threshold stagger to a minimum of 10	000 fe	et.
100 It for each 500 It of threshold stagger to a minimum of it	,00 10	
D controling to newellel woman controling simultaneous energti	one	
Runway centerline to parallel runway centerline simultaneous operati	Lons	
when wake turbulence is treated as a factor:		
VFR operations	2500	
IFR departures	2500	feet
IFR approach and departure with approach to near threshold	2500	feet
IFR approach and departure with approach to far threshold 2500	feet	plus
100 feet for each 500 feet of threshold stagger.		*
IFR approaches	3400	feet
irk approaches	5100	
Runway centerline to parallel taxiway/taxilane centerline . 239.5	240	feet
Runway Centerline to parallel taxiway/taxilane Centerline . 250.0		feet
Runway centerline to edge of aircraft parking 250.0		
Runway width		feet
Runway shoulder width		feet
Runway blast pad width		feet
Runway blast pad length	150	feet
Runway safety area width	150	feet
Runway safety area length beyond each runway end		
or stopway end, whichever is greater	300	feet
Runway object free area width	500	feet
Runway object free area length beyond each runway end		
or stopway end, whichever is greater	300	feet
		feet
Clearway width		
Stopway width	15	feet
Obstacle free zone (OFZ):		
Runway OFZ width	400	feet
Runway OFZ length beyond each runway end	200	feet
Inner-approach OFZ width	400	feet
Inner-approach OFZ length beyond approach light system	200	feet
	50:1	
	0:1	
Inner-transitional OFZ slope	0.1	
Runway protection zone at the primary runway end:		
	1000	£
Width 200 feet from runway end	1000	feet
Width 1900 feet from runway end	1510	reet

							1700	foot
Length		•	*	*			1700	reer
Runway protection zone at other runway end:								
Width 200 feet from runway end							1000	feet
Width 1900 feet from runway end							1510	feet
Length							1700	feet
Departure runway protection zone:								
Width 200 feet from the far end of TORA			**				500	feet
Width 1200 feet from the far end of TORA							700	feet
Length							1000	feet
Threshold surface at primary runway end:								
Distance out from threshold to start of surface							1,000,000,000	feet
Width of surface at start of trapezoidal section	1 .						1000	feet
Width of surface at end of trapezoidal section .							4000	feet
Length of trapezoidal section							10000	feet
Length of rectangular section							0	feet
Slope of surface							20:1	
Threshold surface at other runway end:								
Distance out from threshold to start of surface						7	200	feet
Width of surface at start of trapezoidal section								feet
Width of surface at end of trapezoidal section .		•		•	1 1			feet
Length of trapezoidal section							10000	
Length of rectangular section								feet
Slope of surface							20:1	
Stope of Bufface	•	·	-	•	×	Ž.		
Taxiway centerline to parallel taxiway/taxilane cen	te	rl	ine	2	104			feet
Taxiway centerline to fixed or movable object					65	. 3		feet
Taxilane centerline to parallel taxilane centerline	٠.					. 9		feet
Taxilane centerline to fixed or movable object						. 4	57.5	feet
Taxiway width					30	. 0	35	feet
Taxiway shoulder width							10	feet
Taxiway safety area width					79	.0	79	feet
Taxiway object free area width					130	.6		feet
Taxilane object free area width					114	.8		feet
Taxiway edge safety margin								feet
Taxiway wingtip clearance					25	. 8		feet
Taxilane wingtip clearance					17	. 9		feet
Taxitane wingerp creatance				-				2000
REFERENCE: AC 150/5300-13, Airport Design, includi								

AIRPORT DESIGN AIRPLANE AND AIRPORT DATA

Primary runway end approach visibility minimums are not lower than Other runway end approach visibility minimums are not lower than CA Airplane undercarriage width (1.15 x main gear track) 14.9 Airport elevation	AT I 95 fe	I et et
RUNWAY AND TAXIWAY WIDTH AND CLEARANCE STANDARD DIMENSIONS		
Runway centerline to parallel runway centerline simultaneous operation when wake turbulence is not treated as a factor:		/ARC
VFR operations with one intervening taxiway	705 feet	feet feet less
Runway centerline to parallel runway centerline simultaneous operation when wake turbulence is treated as a factor:	ns	
IFR departures	2500 2500 2500 Eeet	feet feet plus
IFR approaches	400	reet
manney control of parameter control of control of the control of t		feet
	100	feet
Runway shoulder width	10	feet
	120	feet
Runway blast pad length	150	feet
attention of the second of the		feet
Runway safety area length beyond each runway end	200	
	600	feet
as assigned and understanding the property of		feet
manual and	000	reer
Runway object free area length beyond each runway end	600	fort
		feet
oacuanuj nauci		feet
Stopway width	100	feet
Obstacle free zone (OFZ):		
Runway OFZ width	400	feet
assessment was in monage a first transfer and transfer an	200	
		feet
amica apparent or a conjunt of the conjunction of the conjunt of the conjunction of the		feet
annea apparent and analysis and	0:1	
	0.1	feet
	6:1	

Runway protection zone at the primary runway end:

	Width 200 feet from runway end	eet
Ru	way protection zone at other runway end:	
	Width 200 feet from runway end	eet
De	arture runway protection zone:	
	Width 200 feet from the far end of TORA	eet
Th	eshold surface at primary runway end:	
	Distance out from threshold to start of surface	eet eet eet
Th	eshold surface at other runway end:	
	Distance out from threshold to start of surface	eet eet eet
Ta Ta Ta Ta Ta Ta Ta Ta Ta	iway centerline to parallel taxiway/taxilane centerline 104.8 105 fiway centerline to fixed or movable object 65.3 65.5 filane centerline to parallel taxilane centerline	eet eet eet eet eet eet eet eet

REFERENCE: AC 150/5300-13, Airport Design, including Changes 1 through 4.

AIRPORT AND RUNWAY DATA

Mean daily maximum temperature of the hottest month 8 Maximum difference in runway centerline elevation	6.00	feet F. feet miles
RUNWAY LENGTHS RECOMMENDED FOR AIRPORT DESIGN		
Small airplanes with approach speeds of less than 30 knots Small airplanes with approach speeds of less than 50 knots		feet feet
95 percent of these small airplanes	2860 3390 4020 4420	feet feet
75 percent of these large airplanes at 90 percent useful load 100 percent of these large airplanes at 60 percent useful load	4980 6690 5760 8600	feet feet
Airplanes of more than 60,000 pounds Approximately	8210	feet
REFERENCE: Chapter 2 of AC 150/5325-4A, Runway Length Requirements for Airport Design, no Changes included.		

TAKEOFF RUNWAY LENGTH ADJUSTMENT (given takeoff length at sea level, Mean Max Temperature, Elevation & difference in Hi / Lo pts)

Altitude Correction E = Elevation

(7% per 1,000' above sea level) L = Takeoff length @ sea level L1 = Length corrected for altitude

L1 = (.07 * E / 1000) * L + L

Temperature Correction

(0.5% per degree above stnd temp in hottest month)

(Stnd Temp adjusted to Sea Level) T1 = Adjusted Stnd Temp

T = Mean Max High Temperature

L2 = Length corrected for altitude & temperature

T1 = 59 - (3.566 * E / 1000) L2 = (.005*(T-T1)) * L1 + L1

Effective Gradient Correction (takeoff only)

(10' for each 1' difference between Hi / Lo G = Difference between Hi / Lo point in feet

L3 = RW length corrected for alititude, temperature & gradient

L3 = G * 10 + L2

KING AIR 90

Takeoff Runway Length at Sea Level and 59 Degrees Fahrenheit	The Sales		HALFE DE
Enter the takeoff runway length at sea level in feet	L=	2577	
Altitude	-	1450	
Enter Airport Altitude in feet above sea level	E=	1152	
Temperature	L1 =	2785	
Enter Mean Max Daily Temp in degrees F	T=	86	
	T1=	54.89	
	L2 =	3218	
Gradient Adjustment			
Enter Maximum Difference in RW Elevation in feet		17.3	
Takeoff Runway Length Adjusted for Temp, Elevation & Gradient	L3 =	3391	

TAKEOFF RUNWAY LENGTH ADJUSTMENT

(given takeoff length at sea level, Mean Max Temperature, Elevation & difference in Hi / Lo pts)

Altitude Correction E = Elevation

(7% per 1,000' above sea level) L = Takeoff length @ sea level

L1 = Length corrected for altitude

L1 = (.07 * E / 1000) * L + L

Temperature Correction

(0.5% per degree above stnd temp in hottest month)

(Stnd Temp adjusted to Sea Level) T1 = Adjusted Stnd Temp

T = Mean Max High Temperature

L2 = Length corrected for altitude & temperature

T1 = 59 - (3.566 * E / 1000) L2 = (.005*(T - T1)) * L1 + L1

Effective Gradient Correction (takeoff only)

(10' for each 1' difference between Hi /G = Difference between Hi / Lo point in feet

L3 = RW length corrected for alititude, temperature & gradient

L3 = G * 10 + L2

KING AIR 200

1. En	iter the takeoff runway length at sea level in feet	L=	2579
ltitude 2. En	iter Airport Altitude in feet above sea level	E= [1152
		L1 = [2787
emperature 3. En	iter Mean Max Daily Temp in degrees F	T = [86
		T1= [54.89
		L2 = [3220
radient Adjustme 4. En	ent iter Maximum Difference in RW Elevation in feet	[17.3
akeoff Runway L	ength Adjusted for Temp, Elevation & Gradient	L3 = [3393

TAKEOFF RUNWAY LENGTH ADJUSTMENT

(given takeoff length at sea level, Mean Max Temperature, Elevation & difference in Hi / Lo pts)

Altitude Correction

E = Elevation

(7% per 1,000' above sea level)

L = Takeoff length @ sea level L1 = Length corrected for altitude

L1 = (.07 * E / 1000) * L + L

Temperature Correction

(0.5% per degree above stnd temp in hottest month)

(Stnd Temp adjusted to Sea Level) T1 = Adjusted Stnd Temp

T = Mean Max High Temperature

L2 = Length corrected for altitude & temperature

T1 = 59 - (3.566 * E / 1000) L2 = (.005*(T-T1))*L1+L1

Effective Gradient Correction (takeoff only)

(10' for each 1' difference between Hi / G = Difference between Hi / Lo point in feet

L3 = RW length corrected for alititude, temperature & gradient

L3 = G * 10 + L2

KING AIR 350

Takeoff Runway Length at Sea Level and 59 Degrees Fahrenheit	THE RESERVE OF THE PARTY OF THE
Enter the takeoff runway length at sea level in feet	L = 3680
Altitude	E = 1152
Enter Airport Altitude in feet above sea level	
Temperature	L1 = 3977
Enter Mean Max Daily Temp in degrees F	T = 86
	T1= 54.89
	L2 = 4595
Gradient Adjustment	
Enter Maximum Difference in RW Elevation in feet	17.3
Takeoff Runway Length Adjusted for Temp, Elevation & Gradient	L3 = 4768

TAKEOFF RUNWAY LENGTH ADJUSTMENT (given takeoff length at sea level, Mean Max Temperature, Elevation & difference in Hi / Lo pts)

Altitude Correction

E = Elevation

(7% per 1,000' above sea level)

L = Takeoff length @ sea level L1 = Length corrected for altitude

L1 = (.07 ° E / 1000) ° L + L

Temperature Correction

(0.5% per degree above stnd temp in hottest month)

(Stnd Temp adjusted to Sea Level) T1 = Adjusted Stnd Temp

T = Mean Max High Temperature

L2 = Length corrected for altitude & temperature

T1 = 59 - (3.566 * E / 1000) $L2 = (.005^{\circ}(T - T1))^{\circ}L1 + L1$

Effective Gradient Correction (takeoff only)

(10' for each 1' difference between Hi / Lo G = Difference between Hi / Lo point in feet

L3 = RW length corrected for alititude, temperature & gradient

L3 = G * 10 + L2

CESSNA 441

Takeoff Runway Length at Sea Level and 59 Degrees Fahrenheit	新聞得的形	SALES SEEDS	
Enter the takeoff runway length at sea level in feet	L=	2465	
Altitude	-	1152	
Enter Airport Altitude in feet above sea level	E=	1152	
Temperature	L1=	2664	
Enter Mean Max Daily Temp in degrees F	T =	86	
	T1=	54.89	
	L2 =	3078	
Gradient Adjustment			
Enter Maximum Difference in RW Elevation in feet		17.3	
Takeoff Runway Length Adjusted for Temp, Elevation & Gradient	L3 =	3251	

TAKEOFF RUNWAY LENGTH ADJUSTMENT (given takeoff length at sea level, Mean Max Temperature, Elevation & difference in Hi / Lo pts)

Altitude Correction E = Elevation

(7% per 1,000' above sea level) L = Takeoff length @ sea level

L1 = Length corrected for altitude

L1 = (.07 * E / 1000) * L + L

Temperature Correction

(0.5% per degree above stnd temp in hottest month)

(Stnd Temp adjusted to Sea Level) T1 = Adjusted Stnd Temp

T = Mean Max High Temperature

L2 = Length corrected for altitude & temperature

T1 = 59 - (3.566 * E / 1000) L2 = (.005*(T-T1)) * L1 + L1

Effective Gradient Correction (takeoff only)

(10' for each 1' difference between Hi /G = Difference between Hi / Lo point in feet

L3 = RW length corrected for alititude, temperature & gradient

L3 = G * 10 + L2

CITATION II

Takeoff Runway Length at Sea Level and 59 Degrees Fahrenheit	SHURDEN	
Enter the takeoff runway length at sea level in feet	L=	3450
Altitude		
Enter Airport Altitude in feet above sea level	E=	1152
	L1 =	3728
Temperature 3. Enter Mean Max Daily Temp in degrees F	T =	86
	T1=	54.89
	L2 =	4308
Gradient Adjustment		
Enter Maximum Difference in RW Elevation in feet		17.3
Takeoff Runway Length Adjusted for Temp, Elevation & Gradient	L3 =	4481
Taxeon Rullway Conguit Adjusted for Temp, Elevation & Gradient		

TAKEOFF RUNWAY LENGTH ADJUSTMENT

(given takeoff length at sea level, Mean Max Temperature, Elevation & difference in Hi / Lo pts)

Altitude Correction

E = Elevation

(7% per 1,000' above sea level)

L = Takeoff length @ sea level L1 = Length corrected for altitude L1 = (.07 * E / 1000) * L + L

Temperature Correction

(0.5% per degree above stnd temp in hottest month)

(Stnd Temp adjusted to Sea Level) T1 = Adjusted Stnd Temp

T = Mean Max High Temperature

L2 = Length corrected for altitude & temperature

T1 = 59 - (3.566 * E / 1000) L2 = (.005*(T - T1)) * L1 + L1

Effective Gradient Correction (takeoff only)

(10' for each 1' difference between Hi / Lo G = Difference between Hi / Lo point in feet

L3 = RW length corrected for alititude, temperature & gradient

L3 = G * 10 + L2

CITATION III

5150
1152
5565
86
54.89
6431
17.3
6604
The second second

TAKEOFF RUNWAY LENGTH ADJUSTMENT

(given takeoff length at sea level, Mean Max Temperature, Elevation & difference in Hi / Lo pts)

Altitude Correction

E = Elevation

(7% per 1,000' above sea level)

L = Takeoff length @ sea level L1 = Length corrected for altitude

L1 = (.07 * E / 1000) * L + L

Temperature Correction

(0.5% per degree above stnd temp in hottest month)

(Stnd Temp adjusted to Sea Level)

T1 = Adjusted Stnd Temp

T = Mean Max High Temperature

L2 = Length corrected for altitude & temperature

T1 = 59 - (3.566 * E / 1000) L2 = (.005*(T-T1)) * L1 + L1

Effective Gradient Correction (takeoff only)

(10' for each 1' difference between Hi / Lo G = Difference between Hi / Lo point in feet

L3 = RW length corrected for alititude, temperature & gradient

L3 = G . 10 + L2

SABRELINER 65

Takeoff Runway Length at Sea Level and 59 Degrees Fahrenheit	CATHER PRODUCT	CARLES DE LA CONTRACTOR	200
Enter the takeoff runway length at sea level in feet	L=	5150	
Altitude			
Enter Airport Altitude in feet above sea level	E=	1152	
	L1 =	5565	
Temperature 3. Enter Mean Max Daily Temp in degrees F	T=	86	
	T1=	54.89	
	L2 =	6431	
Gradient Adjustment			
Enter Maximum Difference in RW Elevation in feet		17.3	
Takeoff Runway Length Adjusted for Temp, Elevation & Gradient	L3 =	6604	

TAKEOFF RUNWAY LENGTH ADJUSTMENT (given takeoff length at sea level, Mean Max Temperature, Elevation & difference in Hi / Lo pts)

Altitude Correction E = Elevation

(7% per 1,000' above sea level) L1 = Takeoff length @ sea level

L1 = Length corrected for altitude

L1 = (.07 * E / 1000) * L + L

Temperature Correction

(0.5% per degree above stnd temp in hottest month)

(Stnd Temp adjusted to Sea Level) T1 = Adjusted Stnd Temp

T = Mean Max High Temperature

L2 = Length corrected for altitude & temperature

T1 = 59 - (3.566 * E / 1000) L2 = (.005*(T-T1)) * L1 + L1

Effective Gradient Correction (takeoff only)

(10' for each 1' difference between Hi / Lo G = Difference between Hi / Lo point in feet

L3 = RW length corrected for alititude, temperature & gradient

L3 = G . 10 + L2

FALCON 50

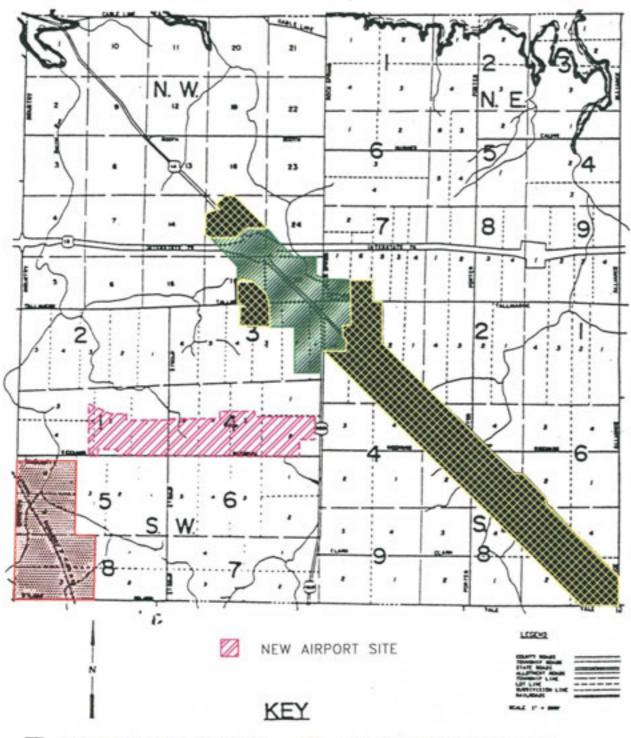
	Enter the takeoff runway length at sea level in feet	L=	4700
Altitude	Enter Airport Altitude in feet above sea level	E=	1152
		L1 =	5079
Temperature	Enter Mean Max Daily Temp in degrees F	T =	86
		T1=	54.89
		L2 =	5869
Gradient Adj	4. Enter Maximum Difference in RW Elevation in feet		17.3
Takeoff Run	way Length Adjusted for Temp, Elevation & Gradient	L3 =	6042

Update Costs for Landside Relocation (Alternatives 6 & 7) Complete Closure of KSU Airfield and Transfer All Services

Relocation Assistance 2 FBO Trailers	\$17,000
5 Aircraft (Increased Rental Fees at Other Site(s)	\$6,000
Maintenance Facilities (3,000 s.f.)	\$30,000
Kent State University Flight School (3,500 s.f.; 4 Trailers)	\$32,000
Terminal Facilities (1,200 s.f.)	\$12,000
Tenants (9 aircraft @ \$2,000)	\$18,000
Tie Down Tenants (5 aircraft @ \$1,000)	\$5,000
Hangars (KSU) Removal/Utilities Disconnect	\$95,000
Hazard Evaluation Survey/Report	\$5,000
Runway Decommission/Closed Marking	\$4,000
Appraisals	\$80,000
Engineering/Closure Management	\$25,000
Administrative/Legal	\$26,000
TOTAL AIRFIELD CLOSURE COST	\$355,000

EDINBURG TOWNSHIP ZONING MAP

1995





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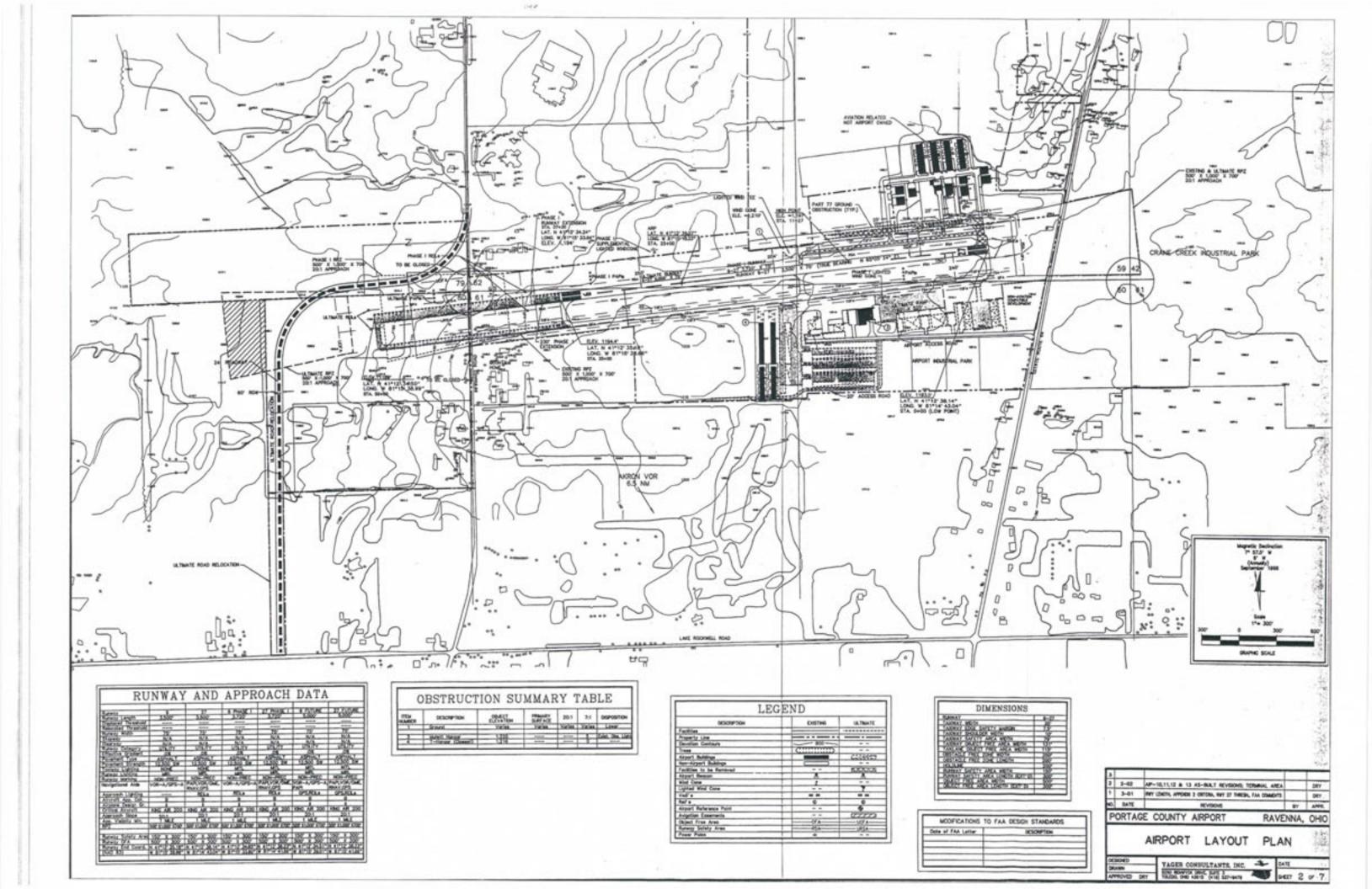
C-1 COMMERCIAL DISTRICT



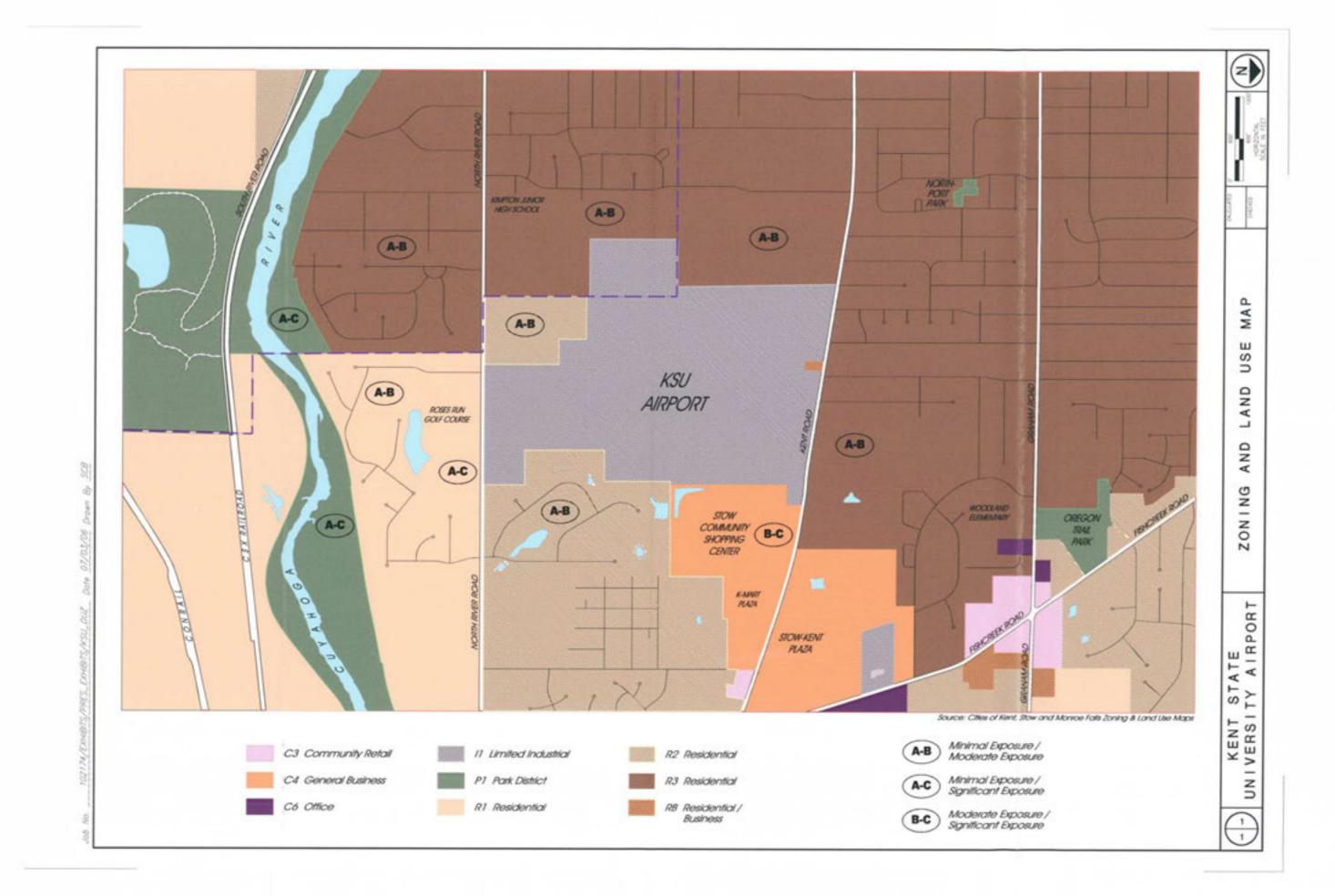
I-1 INDUSTRIAL DISTRICT



C-2 COMMERCIAL DISTRICT



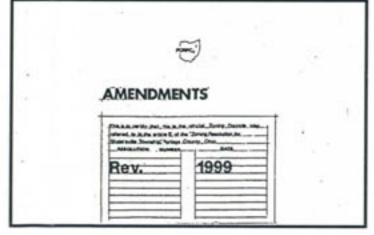
U.S. Department of Transportation Federal Aviation Administration		N	OTICE	OF I	ANDI	NG ARE	A PE	ROPO	SAL					03112
Name of Proponent, Indi	ividual, or (OI L	AITOII	Add	dress of	Propone	ent, Individ	dual, or C)rganizat	tion		
Kent State Univers	sity					1.4	020 K	r, City, S ent Roa Ohio 44		Jones				
Check if the property and list property owner	's name an	d address o	n the rever	se.							Tara da			
Establishment or Activ Alteration		Deactivat Change o		donment) OF	Airpor			ht Flightp Seapland		Vertipo		fy) Sod R	unway (2)
A. Location of Landing	Area		D County	State (P)	ill (Priyarciii Location of Priiporty								Direction	From
Stow, Ohio			Summ 5. Latitud	it Coun	ty, Ohio	6. Longi			17. Ek	evation		iated City iles	or Town Direc	ction
 Name of Landing Are Kent State Universit 			41*	09'	06.1"	81"	24'	54.2		150		0		
B. Purpose		If Cha	one of State	in or Alte	ration D	escribe Cha	nnoe					Construc	tion Dates	5
Type Use Public Private Private Use of Public	:	Deco Turf F	mmission Runway 0 Runway 0	5-23 Est cha					Establish change to pattern (I on revers	traffic Describe		in/Began I/A	Est. Con N/	
Land/Waters		Ref. A5	above	D. Lan	ding Are	a Data			Exi	sting (if a	ny)		Propose	
		Direction From	Distance From	1. Airpo	ort, Seapl	ane Base, o	or Flight	park	1-19	Rwy #2 05-23	Rwy #3		Rwy 05-23	Rwy 09-27
C. Other Landing Area	s	Landing Area	Landing Area	Sealane	e (s)	g of Runwa								
Akron Fulton Airpor Portage County Airp		195° 65°	7.2 NM 8.3 NM	Feet		ay (s) or Se			4000	2400	1170		0	0
Mills Field Mayfield Airport		55° 184°	9 NM 9.6 NM	Width o	of Runway	y (s) or Sea	lane (s)	in	60	165	55		0	0
Freedom Airfield Akron-Canton Intern	entional	66° 192°	12.2 NM 13.6 NM	Type of	Runway	Surface alt, Turf, Et	c)		Asphalt	Turf	Turf		N/A	N/A
Medina Municipal	sational	274"	15.4 NM	2. Helipo	ort N/A									
Wadsworth Municip	al	250*	17.6 NM	off Area	a (FATO)	ouchdown						-		
				Magnet	tic Directi	on of Ingre	ss/Egres	55						
E. Obstructions	Height	Direction	Distance From	Routes	f Surface							+		
Туре	Above Landing Area	Landing Area	Landing Area	(Turf, concrete, rooftop, etc.)										
Trees	80 ft.	230*	200 ft.	3. All Landing Areas	ding Medium Intensity, REIL, VASI							of Prevail outhwes		
Trees	80 ft.	270*		F. Oper	ational D	Data	D	ad Alenso						
Commercial Bldg. Commercial Bldg.	30 ft. 30 ft.	90"	200 ft. 200 ft.	the state of the s			Heliport N.A.		Present est indicati		cipated rears			
				Seaplane Multi-eng	base	by letter "	der coloniación.		lence		b	y letter "E")		ence
				Single-engine		50	-		0	ver 3500 ibs. N	KOW			
G. Other Consideratio	ins	Direction	Distance	Glider 2. Avera	age Numi	ber Monthly					_	Dearers	1 444	electo d
Identification		From Landing Area	From Landing	From Present Anticipated						Present est indicat y letter "E"	5 5	cipated Years lence		
Kimpton Junior High	School	w	0.5 NM	Jet		180		196		Helicopte				
Pambi Farms Riverview Elementary	School	S W	0.1 NM 0.8 NM	Turbopro Prop	p p	180 5,600		6,07		Glider				
Twin Falls United Met	hodist	W	1 NM 1 NM	3. Are II	FR Proce	dures For t			pated		Type Na	vaid: NDE	NOR-A	
Woodlawn Elementary	y	NNE	0.5 NM	Н. Арр	dication	for Airport	Licens	ing	diam'r.					
Stow-Munroe Falls Hi Misc. High Density Re Church	gh Sch. esident	NNE	1.2 NM 0.5-2NN 0.1 NM	- Wil	s Been M I Be Mad	e		lot Requitate				nicipal Aut	hority	
I. CERTIFICATION: 1h	ereby certi	fy that all of	the above :	statemen	its made	by me are t	rue and				knowled	dge		
Name, title (and address this notice – type or prin	s if differen	t than above) of person	filing	Signatus	e (in ink)	ui-		wall	er			Tab.	-4-1
Hermann Schwar		Project Er	ngineer		Date of	9/9/20/0	06				ne No. (24-0074		vith area c	ode)



SHALERSVILLE TOWNSHIP
PORTAGE COUNTY, OHIO
ZONING DISTRICT MAP

F.P Flood Plain
R-1 Low Density Residential
C. Neighborhood Commercial
Light Industrial
Agricultural Rural Residential
Portage County Airport





29 North Park Street, Mansfield, Ohio 44902-1769 • 419/524-0074 FAX 419/524-1812

105112

September 6, 2006

Dr. Mary Knapp Ecological Services US Fish and Wildlife Service 6950 Americana Parkway, Suite H Reynoldsburg, Ohio 43068-4127

Re: Summit County

Kent State University Airport

Master Plan Study

Environmental Coordination

Dear Ms Knapp:

The above project is located in the USGS Hudson Quadrangle with an approximate Latitude of 4°F0918N and Longitude of 8°F2453W. We have enclosed one copy of the following for the above project for your use in conducting an environmental review.

- Exhibit 1, Location Map
- Exhibit 2, USGS Map
- Exhibit 3, Aerial Photograph

The Federally Endangered, Threatened, Proposed, and Candidate Species in Ohio October 25, 2005 lists the following species for Summit County.

- Indiana Bat (E) Myotis sodalist
- Bald Eagle (T) Haliaeetus leucocephalus
- Northern Monkshood (T) Aconitum noveboracense

If you have any questions or need additional information, please contact us.

Sincerely,

RICHLAND ENGINEERING LIMITED

Edward E Litt

Edward E. Litt, P.E.

Enc.

29 North Park Street, Mansfield, Ohio 44902-1769 • 419/524-0074 FAX 419/524-1812

105112

September 6, 2006

Randall E. Sanders Environmental Administrator Ohio Department of Natural Resources 2045 Morse Road, C4 Columbus, Ohio 43229

Re: Summit County

Kent State University Airport

Master Plan Study

Environmental Coordination

Dear Mr. Sanders:

The above project is located in the USGS Hudson Quadrangle with an approximate Latitude of 410918N and Longitude of 81°2453W. We have enclosed one copy of the following for the above project for your use in conducting an environmental review.

- Exhibit 1, Location Map
- Exhibit 2, USGS Map
- Exhibit 3, Aerial Photograph

The Federally Endangered, Threatened, Proposed, and Candidate Species in Ohio October 25, 2005 lists the following species for Summit County. I could not find a listing of State species by County to know what state species may be of concern.

- Indiana Bat (E) Myotis sodalist
- Bald Eagle (T) Haliaeetus leucocephalus
- Northern Monkshood (T) Aconitum noveboracense

If you have any questions or need additional information, please contact us.

Sincerely,

Edward E Litt

Edward E. Litt, P.E.

Enc.

29 North Park Street, Mansfield, Ohio 44902-1769 • 419/524-0074 FAX 419/524-1812

105112

September 6, 2006

Julie Quinlan Ohio Historic Preservation Office 567 East Hudson Street Columbus, Ohio 43211-1030

Re:

Summit County

Kent State University Airport

Master Plan Study

Environmental Coordination

Dear Ms. Quinlan:

We have enclosed one copy of the following for the above project:

- Exhibit 1, Location Map
- Exhibit 2, USGS Map
- Exhibit 3, Aerial Photograph
- Exhibit 4, Picture log locations
- Picture log of building on and adjacent to the airport

These are provided for your use in conducting an environmental review of the airport property to determine whether there are any architecturally significant buildings, NRHP eligible buildings, or archeological sites of concern.

If you have any questions or need additional information, please contact us.

Sincerely,

RICHLAND ENGINEERING LIMITED

Edward & Litt

Edward E. Litt, P.E.

Enc.

September 12, 2006

ALTERNATIVE RATING/SELECTION CRITERIA KENT STATE UNIVERSITY AIRPORT MASTER PLAN STUDY

						EXIS	EXISTING AIRPORT		ALTERNATIVE	TIVES					*Construct Airport	Transfer to	Transfer and
1	PRIMARY ALTERNATIVE CONSIDERATION	Alt. 1	AR. 1 AR. 1A	AR.1B	Alt. 2A	AR. 2B	AR. 2C	AB. 3A	AR. 3B	Alt. 4A	Alt. 4B	Alt. 4C	Alt. 4E	Alt. 5	On New Site	Other Airport	Maintain Exist
_:	Distance to primary users.	-	+	-	-	-	+	-	_	-	-	1	-	1	-	2	-
7	Runway orientation/wind coverage.	•	3	0	3		10	3	6	3	9	3	3	3	1	-	2
3	Public Acceptance.	3	+	*	. 5	9	3	+	9	+	en.	96	7	*		2	2
4	Land use issues.	er	2	3	+	5	5	3	4	4	5	8	+	4	9	-	2
wi	Land availability.	*	+	4	8	5	3	+	85	4	\$	3	+	7	2	5	7
9	No parcels/acres affected.	-	-	-	2	3	2	3	+	2	.00	7	2	3	2	2	2
7.	No. of families/business relocation.	-	-	1	2		2	2	8	2	8	3	2	2	2	1	-
×	Suitability for ultimate development.	7	7	7	+	9	7	+	3	+	9	7	ėn.	7	2	2	6
o.	Anticipated ultimate development cost.	-	-	-	-	3	9	3	4	2	8	3	3	4	9	-	2
10.	Suitability for crosswind runway.	*	95	\$. 5	8	8	90	\$	\$	90	8	9	-	3	40
Ξ	Adaptability for ultimate land use.	+	8	. 5	8		8	5	9	3	3	30	. 5	. 5	2	2	3
12	Existing adverse easements.	m	en.	e.	3	6	m	3	3	3	3	3	3	3	-	-	5
13	Existing user/non-user agreements.	**	77	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	Tax base effect.	pri)	6	m	+	5	4	3	\$	3	3	4	3	8	1	1	3
15	Adverse topography effect.	2	19	3	3	. 5	+	3	7	3	3	3	3	3	2	2	2
191	Wind data utilization.	2	20	2	2	- 2	2	2	2	2	23	2	2	2	1	1	2
17.	Access to major business routes.	-	-	-	-	-	-	-	-	_	-	-	-	-	-	1	-
96	Adverse environmental issues.	~	21	3	+	. 5	7	7	5	3	. 5	+	+	+	3	2	2
16	Positive environmental issues.	m	m		+	9	+	4	8	3	\$	+	+	+		3	2
20.	Airspace compatibility.	2	3	3	3	3	3	3		3	3		3	+5	1	2	2
21.	Obstruction effects,	2	0	3	3	5	4	3	+	3	9	3	3	3	2	2	2
ri	Available utilities.	-	-	-	-	-	-	-	-	_	-	-	-	-	*	e	2
23	Soil conditions.	14	re	2	**	2		2	2	71	e	rı	3		2	2	2
24	Potential for community growth stimulus,	4	m	3	3	3		3	3	3	3	3	2	7	. 3	-	3
33	Compatibility with regional plan.	m	m	*	+	4	+	4	7	+	7	7	+	+	2	61	m
38	Compatibility with existing businesses.	4	3	3	3	3	3	3	3	3	3	3.	2	3	3	13	3
27.	Affect on energy uses/energy reserves.	2	2	2	2	.2	2	2	2	3	- 5	2	2	m	2	2	2
28.	Cost benefit ratio.	-	-	-	3	*	3	3	4	-	9	3	2	\$	3	1	2
Ž,	Return on investment.	-	-	-	49)	8	E	3	7	15	8	4	3	7	+	-	
6	Noise factor/maximum exposure rate/noise								,								
1	evinous services serv	1		-				-	-	-		-	-	7	-	4	7
	Compatible with local philosophy.	-	-	-	-	*	7	3	S	4	~	~	2	2		12	2
ri.	Other factors as become apparent from public and standing committee.	64	m	т	175	99	15	9	4	15	8	4	3	40	3	-	2
	STANDARD BY ANDRESS											1					

The alternatives study investigated one potential site within Portage County. This site would adequately support the operational demands.
 Estimated costs for developing the alternative site is \$19.6 million dollars.

Point Ranking

^{1 =} Desirable - Closest to ideal conditions

Meeting the required qualities 2 = Good -

^{3 =} Adequate - Meeting only minimum qualitites

^{4 =} Poor - Not meeting minimum qualities (or requires extensive modifications.)
5 = Inadequate - Minimum qualities cannot be achieved without servere adverse affects.
Most Acceptable Alternative (Lowest Points)

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FAA AC150/5070-6A (Airport Master Plans)	06/01/85
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