RUNWAY DATA

	RUNWAY 15-33			
	EXISTING		ULTIMATE	
	15	33	15	33
AIRCRAFT APPROACH CATEGORY-DESIGN GROUP	D-III		D-III	
APPROACH VISIBILITY MINIMUMS	1 Mile	1 Mile	1 Mile	1 Mile
F.A.R. PART 77 CATEGORY	Precision	Precision	Precision	Precision
RUNWAY INSTRUMENTATION	Precision	Precision	Precision	Precision
RUNWAY APPROACH SURFACES	50:1/40:1	50:1/40:1	50:1/40:1	50:1/40:1
MAXIMUM RUNWAY ELEVATION (Above MSL)	643.8		643.8	
RUNWAY DIMENSIONS	7,202' x 100'		7,610' x 100'	
RUNWAY BEARING (TRUE)	159.78°	339.79°	159.78°	339.79°
RUNWAY SAFETY AREA WIDTH	500'		500'	
RUNWAY SAFETY AREA LENGTH BEYOND RUNWAY END	1,000'	1,000'	1,000'	1,000'
RUNWAY OBSTACLE FREE ZONE WIDTH	400'		400'	
RUNWAY OBSTACLE FREE ZONE LENGTH BEYOND RUNWAY ENDS	990'		200'	
RUNWAY OBJECT FREE AREA WIDTH	800'		800'	
RUNWAY OBJECT FREE AREA LENGTH BEYOND RUNWAY END	1,000'	1,000'	1,000'	1,000'
RUNWAY THRESHOLD DISPLACEMENT	979'	771'	408'	771'
TAKEOFF RUN AVAILABLE (TORA)	6,431'	6,223'	6,839'	7,202'
TAKEOFF DISTANCE AVAILABLE (TODA)	6,431'	6,223'	6,839'	7,202'
ACCELERATE-STOP DISTANCE AVAILABLE (ASDA)	6,592'	6,342'	7,000'	7,202'
LANDING DISTANCE AVAILABLE (LDA)	5,613'	5,571'	6,431'	6,431'
RUNWAY SURFACE/PAVEMENT MATERIAL	Asphalt		Asphalt	
RUNWAY PAVEMENT SURFACE TREATMENT	Grooved		Grooved	
RUNWAY PAVEMENT STRENGTH (in thousands lbs.) [1]	80(S), 100(DW), 160(DTW)		80(S), 150(DW), 160(DTW)	
RUNWAY EFFECTIVE GRADIENT	0.01%		0.004%	
RUNWAY TOUCHDOWN ZONE ELEVATION (in MSL)	643.2	643.8	638.2	643.8
RUNWAY MARKING	P	P	P	P
RUNWAY LIGHTING	MIRL		MIRL	
RUNWAY ELECTRONIC NAVIGATIONAL AIDS	ILS NDB GPS	ILS GPS	ILS NDB CAT I GPS	ILS GPS
RUNWAY VISUAL APPROACH AIDS	MALSR VASI-4R	REIL	MALS VASI-4R	PAPI-4 REIL

[1]Pavement strengths are expressed in Single(S) and Dual(D) wheel loading capacities.

EXISTING BUILDING TABLE

BLDG #	DESCRIPTION	ELEV	BLDG #	DESCRIPTION	ELEV	BLDG #	DESCRIPTION	ELEV	BLDG #	DESCRIPTION	ELEV	BLDG #	DESCRIPTION	ELEV
A-1	SHYTECH AVIATION, INC	706.9'	B-1	T-HANGARS WEST	650.8'	S-1	AERO RESTORATIONS	656.2'	U-1	KEITH PRODUCTS A/C	656.7'	U-22	CARTER CROWLEY	672.9'
A-1a	MILLENIUM	706.9'	B-2	T-HANGARS WEST	654.4'	S-2	CLASSIC AVIATION	655.2'	U-2	ADDISON JET CENTER	674.6'	U-24	FRIENDLY AVIATION	675.2'
A-2	OMNIFLIGHT HELICOPTERS, INC	667.5'	B-3	T-HANGARS WEST	649.9'	S-3	ALL AMERICAN AVIATION	657.2'	U-3	CAVANAUGH MUSEUM	656.5'	U-26	PRATT & WHITNEY	675.8'
A-3	ADMIN OFFICE/CUSTOMS	669.5'	B-4 to 23	OFF AIRPORT		S-4	T-HANGARS (1500)	657.9'	U-4					
A-4	FLIGHTLINE	669.2'				S-5	T-HANGARS 60' (600)	661.7'	U-5	CAVANAUGH MUSEUM	667.7'	V-10	HOFFMAN/INTERJET	678.4'
A-5	TURBINE AIR	666.8'	P-1	AXIS AVIATION	669.5'	S-6	PATIO HANGARS (1400)	657.9'	U-6	TRANSCONTINENTAL REALITY	684.9'	V-12	EAU	672.7'
A-6	AMERIFLIGHT	667.4'	P-2	T-HANGARS (300)	649.5'	S-7	T-HANGARS 60' (600)	661.7'	U-7	CAVANAUGH MUSEUM	670.0'	V-14	REDMAN INDUSTRIES	682.9'
A-7	MERCURY AIR SERVICES/FBO	682.9'	P-3	SOUTH BATHROOM	652.8'				U-8	MARTIN AIR	670.0'	V-16	KING AEROSPACE	658.5'
A-8	MERCURY AIR SERVICES	672.7'	P-4	T-HANGARS (400) (TO BE REMOVED)	648.1'	T-1	GLENN CURTISS ASSOCIATES	664.9'	U-9	CAVANAUGH MUSEUM	670.0'	V-18	MISSION AIR	693.7'
A-9	MERCURY AIR SERVICES	673.8'	P-6	T-HANGARS (500) (TO BE REMOVED)	650.9'	T-3	WARFIELD INC.	669.1'	U-10	CARTER CROWLEY	667.9'			
A-10	ADDISON EXPRESS	667.5'				T-5	MONARCH AIR	669.1'	U-11	MONARCH AIR	675.6'			
A-10a	ADDISON EXPRESS		Q-1	T-HANGARS (200) (TO BE REMOVED)	653.4'	T-7	NORTH TEXAS AIRCRAFT SERVICES	667.1'	U-12	CARTER CROWLEY	662.7'			
A-11	ADDISON EXPRESS/FBO	684.6'				T-9	AIR-O SPECIALISTS	672.8'	U-13	CHERRY AIR	672.3'			
A-12	MILLION AIR	678.4'	R-1	PATIO HANGAR (900)	657.2'	T-11	JSI	663.8'	U-14	CARTER CROWLEY	682.9'			
A-13	MILLION AIR/FBO	671.3'	R-1a	FLIGHTSTAR AEROMOTIVE	667.8'	T-13	LENNOX	663.2'	U-15	HARTMAN HANGAR	672.2'			
			R-2	T-HANGARS (TO BE REMOVED)	653.8'	T-14	T-HANGAR 60' (1100)	658.4'	U-16	CARTER CROWLEY	658.5'			
ATCT	AIR TRAFFIC CONTROL TOWER	687.6'	R-3	T-HANGARS (700)	660.8'	T-15	10th BARN	663.9'	U-17	MISSION AIR				
APD	AIRPORT POLICE DEPARTMENT	681.8'	R-4	OMNIFLIGHT HELICOPTERS, INC	667.5'	T-16	PATIO HANGARS (1200)	652.5'	U-18	CARTER CROWLEY	662.9'			
AFD	AIRPORT FIRE DEPARTMENT	678.9'	R-5	T-HANGARS (800)	667.8'	T-17	AMERICAN FLYERS	665.4'	U-20	CARTER CROWLEY	675.4'			
			R-7	FLITE ELECTRONICS	667.8'	T-18	T-HANGAR 60' (1300)	658.3'	U-21	PIZZA INT/ALACATEL/FRITO LAY	683.3'			
			R-9	HENLEY'S AIRCRAFT SERVICE	667.8	T-20	SPORTS GRILL	665.0'	U-22	CARTER CROWLEY	672.9'			

ULTIMATE BUILDING TABLE

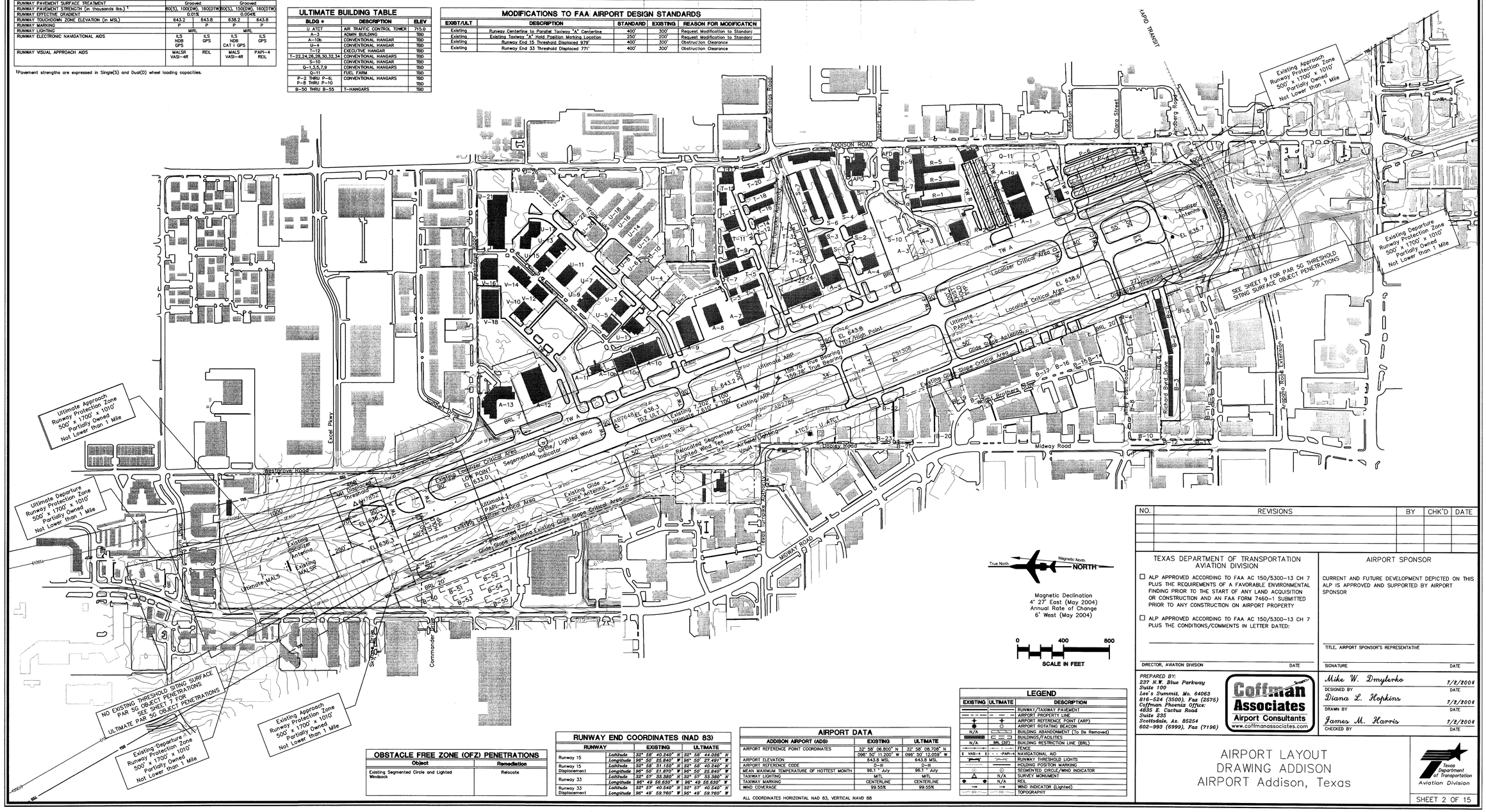
BLDG #	DESCRIPTION	ELEV
U ATCT	AIR TRAFFIC CONTROL TOWER	715.0
A-3	ADMIN BUILDING	TBD
A-10b	CONVENTIONAL HANGAR	TBD
U-4	CONVENTIONAL HANGAR	TBD
T-12	EXECUTIVE HANGAR	TBD
T-22,24,26,28,30,32,34	CONVENTIONAL HANGARS	TBD
S-10	CONVENTIONAL HANGAR	TBD
Q-1,3,5,7,9	CONVENTIONAL HANGARS	TBD
Q-11	FUEL FARM	TBD
P-2 THRU P-6; P-8 THRU P-10	CONVENTIONAL HANGARS	TBD
B-50 THRU B-55	T-HANGARS	TBD

MODIFICATIONS TO FAA AIRPORT DESIGN STANDARDS

EXIST/ULT	DESCRIPTION	STANDARD	EXISTING	REASON FOR MODIFICATION
Existing	Runway Centerline to Parallel Taxiway "A" Centerline	400'	300'	Request Modification to Standard
Existing	Existing Taxiway "A" Hold Position Marking Location	250'	200'	Request Modification to Standard
Existing	Runway End 15 Threshold Displaced 979'	400'	300'	Obstruction Clearance
Existing	Runway End 33 Threshold Displaced 771'	400'	300'	Obstruction Clearance

GENERAL NOTES

1. ADDISON AIRPORT Layout Drawings reflect Horizontal Datum (NAD-83), Vertical Datum (NGVD-29), USGS Base Map and Runway Elevations (NAVD-88).
2. Threshold Siting Surface penetrations shown on Inner Portion of Approach Surface Drawing, Sheet 12 of 15
3. Due to planned Runway 15 Threshold Displacement, runway light and marking should conform to FAA Engineering Brief 58.
4. Magnetic Declination and Annual Rate of Change calculated using NOAA's Geophysical Data Center Magnetic Declination Calculator, http://www.ngdc.noaa.gov/seg/geomag/jsp/struts/calcDeclination.
5. No contour elevation survey was performed.



OBSTACLE FREE ZONE (OFZ) PENETRATIONS

Object	Remediation
Existing Segmented Circle and Lighted Windsock	Relocate

RUNWAY END COORDINATES (NAD 83)

RUNWAY		EXISTING	ULTIMATE
Runway 15	Latitude	32° 58' 40.240" N	32° 58' 44.038" N
	Longitude	96° 50' 33.840" W	96° 50' 37.491" W
Runway 15 Displacement	Latitude	32° 58' 31.150" N	32° 58' 40.240" N
	Longitude	96° 50' 21.870" W	96° 50' 25.840" W
Runway 33	Latitude	32° 57' 33.380" N	32° 57' 33.380" N
	Longitude	96° 49' 56.630" W	96° 49' 56.630" W
Runway 33 Displacement	Latitude	32° 57' 40.540" N	32° 57' 40.540" N
	Longitude	96° 49' 59.760" W	96° 49' 59.760" W

AIRPORT DATA

ADDISON AIRPORT (ADS)	EXISTING	ULTIMATE
AIRPORT REFERENCE POINT COORDINATES	32° 58' 06.800" N 096° 50' 11.200" W	32° 58' 08.708" N 096° 50' 12.059" W
AIRPORT ELEVATION	643.8 MSL	643.8 MSL
AIRPORT REFERENCE CODE	D-III	D-III
MEAN MAXIMUM TEMPERATURE OF HOTTEST MONTH	96.1 ° July	96.1 ° July
TAXIWAY LIGHTING	MITL	MITL
TAXIWAY MARKING	CENTERLINE	CENTERLINE
WIND COVERAGE	99.55%	99.55%

ALL COORDINATES HORIZONTAL NAD 83, VERTICAL NAVD 88

LEGEND

EXISTING	ULTIMATE	DESCRIPTION
		RUNWAY/TAXIWAY PAVEMENT
		AIRPORT PROPERTY LINE
		AIRPORT REFERENCE POINT (ARP)
		AIRPORT ROTATING BEACON
N/A		BUILDING ABANDONMENT (To Be Removed)
		BUILDINGS/FACILITIES
N/A	BRL (20')	BUILDING RESTRICTION LINE (BRL)
		FENCE
VAS-4	PAPI-4	NAVIGATIONAL AID
		RUNWAY THRESHOLD LIGHTS
		HOLDING POSITION MARKING
		SEGMENTED CIRCLE/WIND INDICATOR
N/A		SURVEY MONUMENT
N/A		REIL
		WIND INDICATOR (Lighted)
600	600	TOPOGRAPHY

NO.	REVISIONS	BY	CHK'D	DATE

TEXAS DEPARTMENT OF TRANSPORTATION
AVIATION DIVISION

☐ ALP APPROVED ACCORDING TO FAA AC 150/5300-13 CH 7 PLUS THE REQUIREMENTS OF A FAVORABLE ENVIRONMENTAL FINDING PRIOR TO THE START OF ANY LAND ACQUISITION OR CONSTRUCTION AND AN FAA FORM 7460-1 SUBMITTED PRIOR TO ANY CONSTRUCTION ON AIRPORT PROPERTY

☐ ALP APPROVED ACCORDING TO FAA AC 150/5300-13 CH 7 PLUS THE CONDITIONS/COMMENTS IN LETTER DATED:

DIRECTOR, AVIATION DIVISION — DATE

AIRPORT SPONSOR

CURRENT AND FUTURE DEVELOPMENT DEPICTED ON THIS ALP IS APPROVED AND SUPPORTED BY AIRPORT SPONSOR

TITLE, AIRPORT SPONSOR'S REPRESENTATIVE

SIGNATURE — DATE

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Mike W. Dmyterko	DESIGNED BY	7/2/2004 DATE
Diana L. Hopkins	DRAWN BY	7/2/2004 DATE
James M. Harris	CHECKED BY	7/2/2004 DATE

AIRPORT LAYOUT DRAWING ADDISON AIRPORT Addison, Texas

Texas Department of Transportation Aviation Division

SHEET 2 OF 15

Coffman Associates C:\Documents and Settings\hopkinsd\Local Settings\Temp\B.dgn, 1:20 ANSI A1.dwg Printed Date: 7-02-04 10:27:13 AM hopkinsd