AIRPORT LAYOUT DRAWING

PREPARED BY: Kimley-Horn and Associates, Inc. © 2010

SCALE	DRAWN BY	DESIGNED BY	CHECKED BY
1"=300'	KAG	ADN	MDF

No.	REVISIONS	DATE	BY
1			
2			
3			
4			
5			
6			

PREPARED FOR: NAMPA MUNICIPAL AIRPORT, CITY OF NAMPA, IDAHO, 116 MUNICIPAL DRIVE, NAMPA, IDAHO 83687

DATE 11/30/2010 | PROJECT NO. 093504000 | SHEET NUMBER 2 OF 9

APPROVALS

FEDERAL AVIATION ADMINISTRATION

BY: _____ DATE: _____
TITLE: _____

CITY OF NAMPA

BY: _____ DATE: _____
TITLE: _____

CONSTRUCTION NOTICE REQUIREMENT

TO PROTECT OPERATIONAL SAFETY AND FUTURE DEVELOPMENT, ALL PROPOSED CONSTRUCTION ON THE AIRPORT MUST BE COORDINATED THROUGH THE AIRPORT OWNER WITH THE FAA AIRPORTS DISTRICT OFFICE PRIOR TO CONSTRUCTION. FAA'S REVIEW TAKES APPROXIMATELY 60 DAYS.

FAA DISCLAIMER

THE CONTENTS OF THIS EXHIBIT REFLECT THE VIEWS OF THE CITY OF NAMPA WHICH IS RESPONSIBLE FOR THE FACTS AND ACCURACY OF DATA PRESENTED HEREIN. THE CONTENTS DO NOT NECESSARILY REFLECT THE OFFICIAL VIEWS OR POLICY OF THE FAA. ACCEPTANCE OF THIS EXHIBIT BY THE FAA DOES NOT 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 IN ACCORDANCE WITH PUBLIC LAWS 91-190, 91-258,94-353, AND/OR 90-495.

LEGEND

	EXISTING	ULTIMATE
BUILDING RESTRICTION LINE (BRL) (20' CLEAR)	BRL	BRL
RUNWAY SAFETY AREAS (RSA)	RSA	RSA
RUNWAY OBJECT FREE AREAS (OFA)	ROFA	ROFA
RUNWAY OBJECT FREE ZONE (OFZ)	ROFZ	ROFZ
RUNWAY PROTECTION ZONE (RPZ)	2489 RPZ	FUTURE / ULTIMATE
RUNWAY		FUTURE / ULTIMATE
PAVED SURFACES		
BUILDING STRUCTURES		
AIRPORT REFERENCE POINT (ARP)		
AIRPORT BEACON		N/A
THRESHOLD LIGHTS		N/A
GROUND CONTOUR	2500	N/A
SPOT GROUND ELEVATION	2001.5	N/A
AIRPORT PROPERTY LINE		
TO BE DEMOLISHED		
RPZ AVIGATION EASEMENT		FUTURE / ULTIMATE
RPZ PROPERTY ACQUISITION	N/A	FUTURE / ULTIMATE

NOTE: Roadways shown within the ultimate RSAs and/or RPZs are conceptual in nature and are subject to change. Alternative or additional possible realignment and relocation. Relocated roadway corridors will be submitted and updated when known.

AIRPORT DATA

	EXISTING	ULTIMATE
ESTABLISHED AIRPORT ELEVATION (NAD 88)	2536.6' AMSL	SAME
AIRPORT REFERENCE POINT LATITUDE COORDINATES (NAD 83)	43°34'52.8" N	43°34'50.8" N
LONGITUDE	116°31'23.0" W	116°31'24.9" W
MAX. TEMPERATURE – HOTTEST MONTH	97°F	SAME
AIRPORT & TERMINAL NAVAIDS	VORTAC/BEACON	SAME
AIRPORT SERVICE LEVEL	GENERAL AVIATION	SAME
AIRPORT ROLE	PUBLIC	PUBLIC
AIRPORT ACREAGE	244.44 AC	380.24 AC

DECLARED DISTANCES

PERFORMANCE DISTANCES	ULTIMATE RWY 11L	RWY 29R
TORA – TAKEOFF RUN AVAILABLE	6,000'	6,000'
TODA – TAKEOFF DISTANCE AVAILABLE	6,000'	6,000'
ASDA – ACCELERATE STOP DISTANCE AVAIL.	5,700'	5,700'
LDA – LANDING DISTANCE AVAILABLE	5,200'	5,200'

NOTE: DECLARED DISTANCES NOT APPLICABLE FOR EXISTING RUNWAY

RUNWAY DATA

ITEM		RUNWAY 11–29 EXISTING			ULTIMATE			FUTURE PARALLEL RUNWAY ULTIMATE	
RUNWAY LENGTH x WIDTH (FT.)		5000 x 75			6000 x 75			3200 x 75	
RUNWAY REFERENCE CODE (BY ARC)		B–II			B–II			B–II	
CRITICAL DESIGN AIRCRAFT		BEECH KING AIR C90			BEECH KING AIR C90			BEECH KING AIR C90	
EFFECTIVE GRADIANT		0.14%			0.12%			0.52%	
% WIND COVERAGE (13 KNOTS)		99.54%			SAME			99.54%	
RUNWAY PAVEMENT STRENGTH (000 LBS)		12.5 SG			12.5 SG			12.5 SG	
RUNWAY SURFACE TYPE/FRICTION		ASPHALT/GOOD			N/A			N/A	
MAXIMUM RUNWAY ELEVATION (AMSL)		2537'			SAME			2524.5'	
RUNWAY LIGHTING		MIRL			MIRL			MIRL	
RUNWAY MARKING		NON–PRECISION			NON–PRECISION			VISUAL	
RUNWAY ENDS		11	29		11L	29R		11R	29L
RUNWAY END ELEVATION (AMSL)		2536.6'	2529.6'		2536.6'	2529.6'		2524.5'	2508'
RUNWAY END COORDINATES (NAD 83)	LATITUDE	43°35'07.2"N	43°34'38.4"N		43°35'10.1"N	43°34'35.6"N		43°34'56.3"N	43°34'37.9"N
	LONGTUDE	116°31'50.6"W	116°30'55.4"W		116°31'56.1"W	116°30'49.9"W		116°31'46.1"W	116°31'10.8"W
RUNWAY PROTECTION ZONE (RPZ) DIMENSIONS	LENGTH	1000'	1000'		1000'	1000'		1000'	1000'
	WIDTH (INNER/OUTER)	500'/700'	500'/700'		500'/700'	500'/700'		500'/700'	500'/700'
APPROACH LIGHTING		REIL	REIL		REIL	REIL		REIL	REIL
TOUCH DOWN ZONE ELEVATIONS (AMSL)		2536.4'	2532.5'		N/A	N/A		N/A	N/A
F.A.R. PART 77 IMAGINARY AIRSPACE SURFACES	APPROACH CATEGORY	C	B(V)		C	C		B(V)	B(V)
	APPROACH SURFACE SLOPES	34:1	20:1		34:1	34:1		20:1	20:1
NAVAIDS	ELECTRONIC NAVAIDS	VOR, NDB	VOR, NDB		VOR, NDB	VOR, NDB		VOR, NDB	VOR, NDB
	VISUAL APPROACH AIDS	PAPI–2	PAPI–2		PAPI–2	PAPI–2		PAPI–2	PAPI–2
APPROACH VISIBILITY MINIMUMS		NOT <1 MILE	VISUAL		NOT <1 MILE	NOT <1 MILE		VISUAL	VISUAL
RUNWAY SAFETY AREA (RSA) WIDTH x LENGTH BEYOND RWY END		150 X 300			150 X 300			150 X 300	
RUNWAY OBJECT FREE AREA (OFA) WIDTH x LENGTH BRE		500 X 300			500 X 300			500 X 300	
RUNWAY OBJECT FREE ZONE (OFZ) WIDTH x LENGTH BRE		400 X 200			400 X 200			400 X 200	
TAXIWAY OBJECT FREE AREA (TOFA) WIDTH		131'			131'			131'	
TAXIWAY SAFETY AREA (TSA) WIDTH		79'			79'			79'	

BUILDING/FACILITIES LIST

EXISTING BUILDINGS

NUMBER	USE/ TENANT	NUMBER	USE/ TENANT	NUMBER	USE/ TENANT
95	NFD STATION No. 5	1020	TERMINAL	2326	HANGAR
120	MAINTENANCE HANGAR	1023	SHELTER	2328	HANGAR
121	BEACON TOWER	1030	FUEL ISLAND	2332	HANGAR
130	MAINTENANCE HANGAR	1040	ELECTRICAL BLDG	2334	HANGAR
140	AIRCRAFT MUSEUM	1100	SERVICE STATION	2336	HANGAR
150	CHARTER OPERATIONS	1110	PRIVATE HANGAR	2342	HANGAR
210	HANGAR	1120	PRIVATE HANGAR	2344	HANGAR
220	HANGAR	1130	PRIVATE HANGAR	2345	HANGAR
230	HANGAR	1140	PRIVATE HANGAR	2346	HANGAR
240	HANGAR	2145	ADMIN BUILDING	2347	HANGAR
250	HANGAR	2150	HANGAR	2348	HANGAR
260	FLIGHT SCHOOL	2212	HANGAR	2349	HANGAR
261	WINDSOCK TOWER	2214	HANGAR	2352	HANGAR
310	HANGAR	2216	HANGAR	2354	HANGAR
320	HANGAR	2222	HANGAR	2355	HANGAR
330	HANGAR	2224	HANGAR	2356	HANGAR
340	HANGAR	2228	HANGAR	2357	HANGAR
350	HANGAR	2229	HANGAR	2358	HANGAR
410	PRIVATE HANGAR	2234	HANGAR	2362	HANGAR
420	T–CRAFT	2236	HANGAR	2363	HANGAR
430	PRIVATE HANGAR	2238	HANGAR	2364	HANGAR
440	FUEL ISLAND	2242	HANGAR	2365	HANGAR
450	PRIVATE HANGAR	2244	HANGAR	2366	HANGAR
510	HANGAR	2246	HANGAR	2367	HANGAR
520	HANGAR	2248	HANGAR	2368	HANGAR
530	HANGAR	2250	HANGAR	2372	HANGAR
540	PRIVATE HANGAR	2262	HANGAR	2374	HANGAR
550	PRIVATE HANGAR	2263	HANGAR	2376	HANGAR
631	WARHAWK HANGAR	2264	HANGAR	2382	HANGAR
640	MAINTENANCE HANGAR	2265	HANGAR	2384	HANGAR
650	SHEP–ROCK/ EAA	2266	HANGAR	2386	HANGAR
810	HANGAR	2267	HANGAR	2394	HANGAR
820	HANGAR	2268	HANGAR	2396	HANGAR
830	PRIVATE HANGAR	2312	HANGAR	2398	HANGAR
910	SHADE HANGAR 2	2314	HANGAR	2450	MISSION AVIATION FELLOWSHIP
920	SHADE HANGAR 3	2316	HANGAR	2650	KACHINA AVIATION
1002	CARPORT	2318	HANGAR		
1010	SHADE HANGAR 1	2322	HANGAR		
		2324	HANGAR		

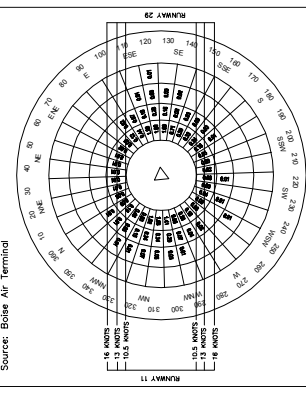
FUTURE BUILDINGS

NUMBER	USE/ TENANT
F1	TERMINAL
F2	HANGAR
F3	BUSINESS HANGAR
F4	BUSINESS HANGAR
F5	BUSINESS HANGAR
F6	HANGAR
F7	HANGAR
F8	HANGAR
F9	HANGAR
F10	HANGAR
F11	BUSINESS HANGAR
F12	BUSINESS HANGAR
F13	BUSINESS HANGAR
F14	BUSINESS HANGAR
F15	BUSINESS HANGAR
F16	HANGAR/ TERMINAL
F17	BUSINESS HANGAR
F18	HANGAR
F19	HANGAR
F20	HANGAR
F21	HANGAR
F22	HANGAR
F23	HANGAR
F24	BUSINESS HANGAR
F25	BUSINESS HANGAR

WIND DATA (VFR)

△ Calm (0–10.5 KNOTS) = 82.88%
Period: 1981 – 1990
Observations: 87,646
Source: Boise Air Terminal

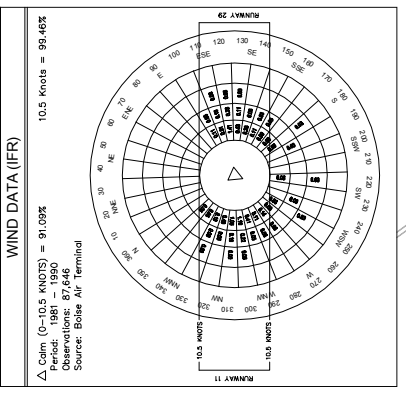
10.5 Knots = 98.66%
13.0 Knots = 99.54%

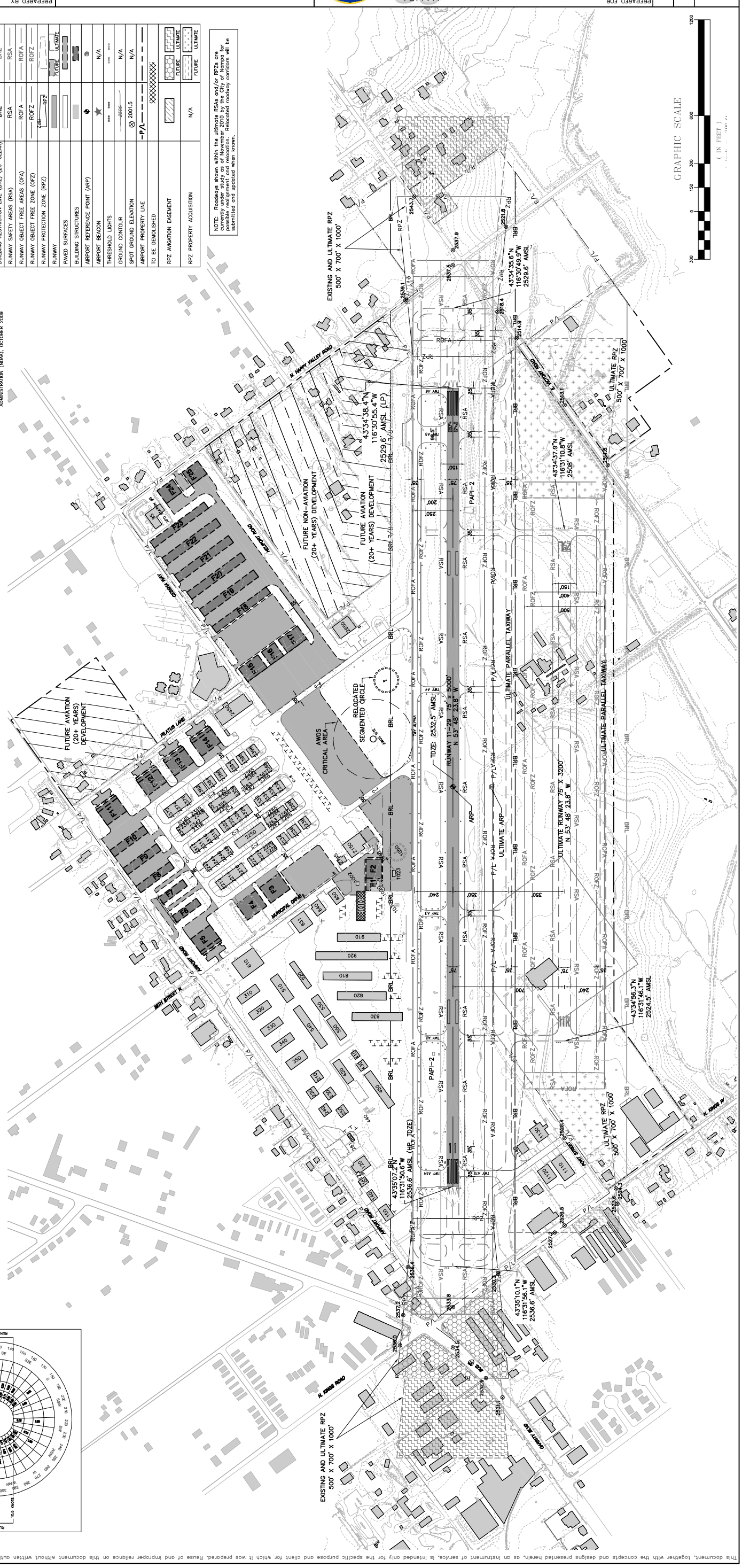


WIND DATA (IFR)

△ Calm (0–10.5 KNOTS) = 91.09%
Period: 1981 – 1990
Observations: 87,646
Source: Boise Air Terminal

10.5 Knots = 99.46%





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Drawing name: K:\SNA_Aviation\093504000_Nampa-MP\CADD\ALP\Nampa_ALD-FD.dwg ALD Dec 01, 2010 1:08pm by: adam.novak