SURVEY CONTROL AND RUNWAY DOCUMENTATION

PID	WGS84 COORDINATES (NAD83) DEGREES MINUTES SECONDS LATITUDE	LONGITUDE	NAVD 88 DATUM: US SURVEY FEET ELEVATION	DESCRIPTION
1	41°49'56.9140"N	94°09'54.9093"W	1010.1'	CENTERLINE RUNWAY 14/32, RWY 14 END.
2	41°49'26.3434"N	94°09'21.4223"W	1004.4'	CENTERLINE RUNWAY 14/32, RWY 32 END.
MJ1441	41°49'40.5769"N	94°09'33.5530"W	1006.5'	THIS IS A PRIMARY AIRPORT CONTROL STATION. THIS IS LOCATED AT THE PERRY MUNCIPAL AIRPORT AT THE WINDSOCK INSIDE THE SEGMENTED CIRCLE, THAT IS SOUTH-SOUTHWEST OF THE AIRPORT OFFICE. THE STATION IS A PUNCH MARK IN TOP OF A STAINLESS STEEL ROD DRIVEN INTO THE GROUND AND ENCASED IN A 5-INCH PVC PIPE WITH A LOGO CAP SURROUNDED BY CONCRETE. THE STAMPING SHOWS "PERRYPORT 1989"
MJ1442	41°49'26.8344"N	94°09'20.5995"W	1004.0'	THIS IS LOCATED AT THE EAST CORNER OF THE TURN-AROUND OF RUNWAY 32. THE STATION IS A PUNCH MARK IN TOP OF A STAINLESS STEEL ROD DRIVEN INTO THE GROUND AND ENCASED IN A 5-INCH PVC PIPE WITH A LOGO CAP SURROUNDED BY CONCRETE. THE STAMPING READS "PERRYPORT AZ MK 1989"

CONDITIONAL APPROVAL

The approval indicated by my signature is given subject to the condition that the items identified in our approval letter dated August 24, 2012 may not be undertaken without prior written environmental approval by the Federal Aviation Administration. This approval action does not imply any commitment for Federal funding, or approval of future structures requiring notice under FAR Part 77.

Airport Planning Engineer
FAA Central Region

8/27/12
Date

RUNWAY END COORDINATES - NAD 83

	RUNWAY 14 EXISTING	RUNWAY 14 ULTIMATE	RUNWAY 32 EXISTING	RUNWAY 32 ULTIMATE	RUNWAY 4 EXISTING	RUNWAY 4 ULTIMATE	RUNWAY 22 EXISTING	RUNWAY 22 ULTIMATE	RUNWAY 6 EXISTING	RUNWAY 6 ULTIMATE	RUNWAY 24 EXISTING	RUNWAY 24 ULTIMATE
LATITUDE	41° 49' 56.9140" N	41° 49' 54.409" N	41° 49' 26.3434" N	41° 49' 23.839" N	41° 49' 32.1364" N	CLOSE	41° 49' 46.7211" N	CLOSE		41° 49' 24.902" N		41° 49' 39.762" N
LONGITUDE	94° 09' 54.9093" W	94° 09' 58.996" W	94° 09' 21.4223" W	94° 09' 25.509" W	94° 09' 42.3617" W	CLOSE	94° 09' 18.7074" W	CLOSE		94° 10' 06.688" W		94° 09' 26.473" W

AIRPORT DATA

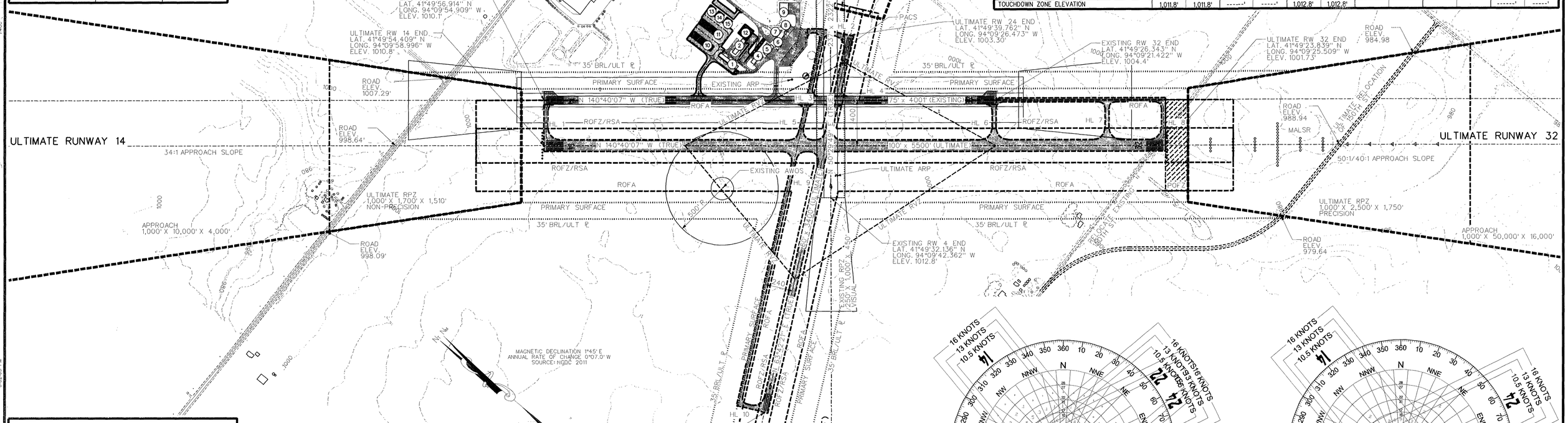
ITEM	EXISTING	ULTIMATE
AIRPORT ELEVATION	1,014'	1,012.25'
AIRPORT REFERENCE POINT (ARP)	41°49'41.27" N 94°09'34.64" W	41°49'32.99" N 94°09'40.08"
MEAN MAX. TEMP.	85.1° F	85.1° F
AIRPORT NAVAIDS	GPS	GPS
ROTATING BEACON	YES	YES
SEGMENTED CIRCLE	YES	YES
LIGHTED WIND INDICATOR	YES	YES
AIRPORT REFERENCE CODE	B-II	B-II
AWOS III (LAT. LONG.)	LAT: 41°49'40.80" LONG: 94°09'35.40"	

BUILDING IDENTIFICATION

I.D.	DESCRIPTION	I.D.	DESCRIPTION
1	EXISTING TEE HANGAR	11	ULTIMATE NESTED TEE HANGAR
2	EXISTING TEE HANGAR	12	ULTIMATE CONVENTIONAL HANGAR 100' X 100'
4	EXISTING TEE HANGAR	13	ULTIMATE CONVENTIONAL HANGAR 60' X 60'
5	EXISTING TEE HANGAR	14	ULTIMATE CONVENTIONAL HANGAR 60' X 60'
6	EXISTING TERMINAL BUILDING	15	ULTIMATE CONVENTIONAL HANGAR 60' X 60'
7	RESIDENCE		
8	EXISTING CORPORATE HANGAR		
9	EXISTING CORPORATE HANGAR		
10	ULTIMATE NESTED TEE HANGAR		

RUNWAY DATA TABLE

ITEM	RUNWAY 14/32 EXISTING	RUNWAY 14/32 ULTIMATE	RUNWAY 4/22 EXISTING	RUNWAY 4/22 ULTIMATE	RUNWAY 6/24 EXISTING	RUNWAY 6/24 ULTIMATE
APPROACH CATEGORY - DESIGN GROUP	B-II	C-II	A-I			B-I
RUNWAY LENGTH x WIDTH	4,001'/75'	5,500'/100'	2,322'/237'			3,400'/60'
MAXIMUM ELEVATION ABOVE MSL	1,010.1'	1012.88'	1,012.8'			1014.89'
RUNWAY MARKINGS	NPI	PIR	NONE			NPI
RUNWAY LIGHTING	MIRL	MIRL	NONE			MIRL
PAVEMENT MATERIAL	PCC	PCC	TURF	TO BE CLOSED	TO BE CONSTRUCTED	PCC
PAVEMENT STRENGTH (000)	48 DW	60 DT	----			12.5 SW
RUNWAY SAFETY AREA (RSA) LENGTH	4,601'	6,700'	5,267'			3,880'
RUNWAY SAFETY AREA (RSA) WIDTH	150'	300'	150'			120'
RUNWAY OBJECT FREE AREA (ROFA) LENGTH	4,601'	6,700'	5,267'			3,880'
RUNWAY OBJECT FREE AREA (ROFA) WIDTH	500'	800'	500'			400'
RUNWAY OBSTACLE FREE ZONE (ROFZ) LENGTH	4,401'	5,900'	5,067'			3,800'
RUNWAY OBSTACLE FREE ZONE (ROFZ) WIDTH	250'	400'	120'			120'
TAXIWAY WIDTH	35'	35'	NONE			35'
TAXIWAY LIGHTING	MITL	MITL	NONE			MITL
	14 / 32	14 / 32	04 / 22			6 / 24
APPROACH TYPE	C(NP) / C(NP)	D(NP) / PRI	A(V) / A(V)			A(NP) / A(NP)
APPROACH SURFACE SLOPE	34:1 / 34:1	34:1 / 50:1	20:1 / 20:1			20:1 / 20:1
PERCENT EFFECTIVE GRADIENT	-0.1% / +0.1%	-0.2% / +0.2%	+0.1% / -0.1%			-0.1% / +0.1%
ELECTRONIC AIDS	GPS / RNAV	GPS / GPS	NONE / NONE			GPS / GPS
VISUAL APPROACH AIDS	PAPI-2l / PAPI-2L	PAPI / MALSR	NONE / NONE			PAPI / PAPI
APPROACH VISIBILITY MINIMUMS	1-MILE / 1-MILE	300-3/4 / 200-1/2	1-MILE / 1-MILE			1-MILE / 1-MILE
TOUCHDOWN ZONE ELEVATION	1,011.8' / 1,011.8'	-----' / -----'	1,012.8' / 1,012.8'			-----' / -----'



NOTES

- RUNWAY CNTL TO AIRCRAFT PARKING AREA IS 400' MIN.
- TAXIWAY CNTL TO AIRCRAFT PARKING AREA IS 65.5' MIN.
- THERE ARE NO OBSTACLE FREE ZONE (OFZ) PENETRATIONS
- SEE SHEET 8 FOR THRESHOLD SITING SURFACE OBJECT PENETRATIONS
- THERE ARE NO MODIFICATIONS TO DESIGN STANDARDS

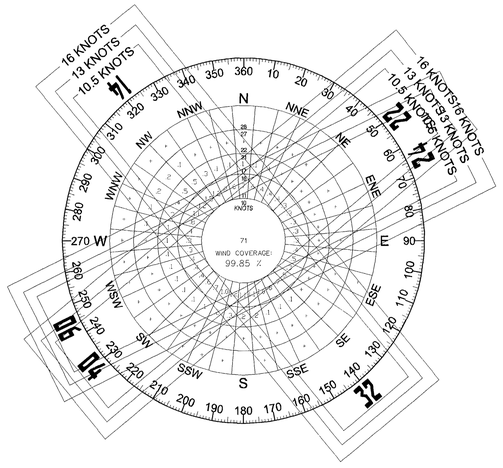
LEGEND

DESCRIPTION	EXISTING	ULTIMATE
AIRPORT PROPERTY LINE		
BUILDING RESTRICTION LINE		
RUNWAY VISIBILITY ZONE / LINE OF SIGHT		
RUNWAY PROTECTION ZONE		
RUNWAY AVIGATION EASEMENT		
RUNWAY SAFETY AREA AND OBJECT FREE AREA		
BUILDING - STRUCTURES		
PRECISION APPROACH PATH INDICATOR (PAPI)		
RUNWAY END IDENTIFIER LIGHTS (REIL)		
THRESHOLD LIGHTS		
FENCE		
PAVEMENT REMOVAL		
TIEDOWN		

HOLDING POSITION TABLE

HOLDING POSITION	HOLD TYPE	DISTANCE
HL 1	RUNWAY	250'
HL 2	RUNWAY	200'
HL 3	RUNWAY	200'
HL 4	RUNWAY	200'
HL 5	RUNWAY	250'
HL 6	RUNWAY	250'
HL 7	RUNWAY	250'
HL 8	RUNWAY	250'
HL 9	RUNWAY	250'
HL 10	RUNWAY	200'

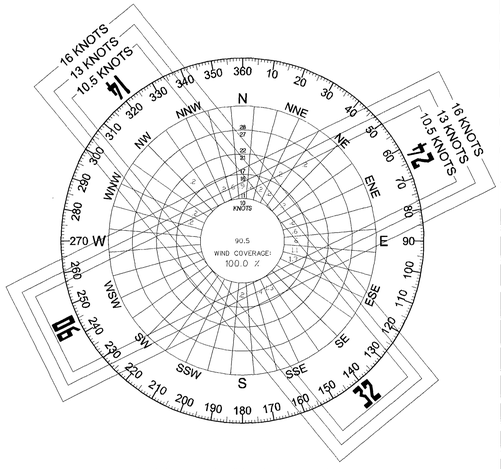
NOTE: THE DISTANCE FROM THE HOLD LINE IS MEASURED PERPENDICULAR FROM THE RUNWAY CENTERLINE.



WIND DATA

CROSSWIND COMPONENT	RWY 14/32	RWY 4/22	COMBINED RWY 14/32 - RWY 4/22	RWY 6/24	COMBINED RWY 14/32 - RWY 6/24
10.5 KNOTS	90.54%	82.77%	98.09%	81.84%	97.08%
13.0 KNOTS	95.12%	89.68%	99.47%	89.29%	99.24%
16.0 KNOTS	98.58%	96.19%	99.89%	96.36%	99.85%

SOURCE: DES MOINES INTERNATIONAL AIRPORT
DES MOINES, IOWA
ALL WEATHER
PERIOD: 1998-2007



WIND DATA

CROSSWIND COMPONENT	RWY 14/32	RWY 6/24	COMBINED
10.5 KNOTS	97.65%	95.28%	99.59%
13.0 KNOTS	98.95%	97.76%	100.0%
16.0 KNOTS	99.57%	99.62%	100.0%

SOURCE: DES MOINES INTERNATIONAL AIRPORT
DES MOINES, IOWA
200' - 1/2 MILE
PERIOD: 1998-2007

REVISION BLOCK NUMBER	DATE	DESCRIPTION

APPROVED BY:
DATE APPROVED: 8-27-2012

PROJECT: PERRY MUNICIPAL AIRPORT

TITLE: AIRPORT LAYOUT PLAN

SNYDER & ASSOCIATES
2727 S.W. SNYDER BLVD.
ANKENY, IOWA 50023
515-964-2020
IOWA | MISSOURI | NEBRASKA | WISCONSIN

PLNR: JLS
CK. BY: CMW
DR. BY: CMW
DATE: 8-2011
PROJECT NO. 110.0139
DWG. NO.
SHEET 02 OF 19

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