

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
ECLEY (IF/IAF)	RICNO (FB)	282.96 / 7.01	2600	LPV: DA LNAV/VNAV: DA LNAV: RW28
RICNO (FAF)	NAYIY/2.60 NM TO RW28 (FB)	282.85 / 2.61		
NAYIY/2.60 NM TO RW28	RW28 (MAP) (FO)	282.85 / 2.60		CLIMB TO 3000 DIRECT WESUS AND HOLD.
RW28 (MAP)	1106 MSL	282.85		
1106 MSL	WESUS (FO)		3000	ADDITIONAL FLIGHT DATA: HOLD W, RT, 102.56 INBOUND. CHART FAS OBST: 1133 TREE 451834N/0923814W DISTANCE TO THLD FROM 200 HATH: 0.51 NM. CHART VDP AT 1.44 MILES TO RW28* *LNAV ONLY. WAAS CHANNEL # 97731 REFERENCE PATH ID: W28A CHART CIRCLING ICON. LTP HAE: 248.2 M

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD E ECLEY, RT, 282.96 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
- FAC: 282.85 FAF: RICNO DIST FAF TO MAP: 5.21 THLD: 5.21
- MIN. ALT: ECLEY 3000, RICNO 2600, NAYIY/2.60 NM TO RW28 1760*
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 2600 GS ALT AT: RICNO 2600 OM: MM: IM:
- GS ANGLE: 3.00 TCH: 36.6 34:1 IS NOT CLEAR
- MSA FROM:

MAG VAR: 1E EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A		STANDARD @						
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1106	3/4	200	1106	3/4	200	1106	3/4	200		NA				
LNAV/VNAV DA	1179	7/8	273	1179	7/8	273	1179	7/8	273		NA				
LNAV MDA	1400	1	494	1400	1	494	1400	1 3/8	494		NA				
CIRCLING	1400	1	494	1500	1	594	1520	1 3/4	614		NA				

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F).

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CHART NOTE: DME/DME RNP-0.3 NA.

CHART NOTE: VDP AND BARO-VNAV NA WHEN USING ANOKA COUNTY-BLAINE ARPT (JANES FIELD) ALTIMETER

SETTING.

(SEE FORM 8260-10)

CITY AND STATE OSCEOLA, WI	ELEVATION: 906 THRE: 906 AIRPORT NAME: L O SIMENSTAD MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 28, AMDT 1 22 AUGUST 2013	SUP:
				AMDT: ORIG
				DATED 03/15/2007

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NOTES, (CONT.):

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ANOKA COUNTY-BLAINE ARPT (JANES FIELD)

ALTIMETER SETTING AND INCREASE ALL DA 57 FT AND ALL MDA 60 FT. INCREASE LPV ALL CATS VISIBILITY

1/8 MILE, LNAV/VNAV ALL CATS, LNAV CAT C AND CIRCLING CAT C VISIBILITY 1/4 MILE.

TAA

	FROM	TO	ALT
1.	193/30 CW 013/30 (NOPT)	193/15 CW 013/15	3200
2.	193/15 CW 013/15	ECLEY (IF/IAF) (FB)	3000
3.	013/30 CW 193/30	013/10 CW 193/10	3100
4.	013/10 CW 193/10	ECLEY (IF/IAF) (FO)	3000

CITY AND STATE

OSCEOLA, WI

ELEVATION: 906

THRE: 906

AIRPORT NAME:

L O SIMENSTAD MUNI

FACILITY
IDENTIFIER:

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PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 28, AMDT 1

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RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KOEO
RUNWAY RW28
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR 0
REFERENCE PATH DATA SELECTOR W28A
REFERENCE PATH IDENTIFIER (APPROACH ID) 451823.6856N
LTP/FTP LATITUDE 0924042.5035W
LTP/FTP LONGITUDE +02482
LTP/FTP ELLIPSOIDAL HEIGHT 451844.8800N
FPAP LATITUDE 0924245.1300W
FPAP LONGITUDE 00036.6
THRESHOLD CROSSING HEIGHT (TCH) F
TCH UNITS SELECTOR (METERS OR FEET USED) 03.00
GLIDEPATH ANGLE (GPA) 106.75
COURSE WIDTH AT THRESHOLD 1224
LENGTH OFFSET 40.0
HORIZONTAL ALERT LIMIT (HAL) 35.0
VERTICAL ALERT LIMIT (VAL)

CRC REMAINDER

CED12E8F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K5
LTP ORTHOMETRIC HEIGHT +02760
FPAP ORTHOMETRIC HEIGHT +02760

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KOEOK5FR28	AECLEY	010ECLEYK5EA0EE	AR	HF			28300040	+	03000	18000		A	JS
SUSAP KOEOK5FR28	R	010ECLEYK5EA0E	I	IF				+	03000	18000		A	JS
SUSAP KOEOK5FR28	R	020RICNOK5EA1E	F	051TF			28300070	+	02600			A	JS
SUSAP KOEOK5FR28	R	020RICNOK5EA2WALPV			ALNAV/VNAV	ALNAV							JS
SUSAP KOEOK5FR28	R	021NAYIYK5EA0E	S	031TF			28290026	V	0176001770	-300		A	JS
SUSAP KOEOK5FR28	R	030RW28 K5PGOGY	M	031TF			28290026		00942	-300		A	JS
SUSAP KOEOK5FR28	R	040	0	M	CA		2829	+	01106			A	JS
SUSAP KOEOK5FR28	R	050WESUSK3EA0EY		DF				+	03000			A	JS
SUSAP KOEOK5FR28	R	060WESUSK3EA0EE	R	HM			10260040	+	03000			A	JS

[illegible][illegible]

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	ECLEY	ECLEY	010	IAF	HF	R	FO		283.0 (284.0T)	004.0	AA 03000'	
		ECLEY	010	FACF	IF		FB				AA 03000	
		RICNO	020	FAF	TF		FB	0.5	283.0 (284.0T)	007.0	AA 02600	
		NAYIY	021	SDF	TF		FB	0.3	282.9 (283.9T)	002.6	AA 01760 GS 01770	
		RW28	030	MAP	TF		FO	0.3	282.9 (283.9T)	002.6	AT 00942	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		282.9 (283.9T)		AA 01106	
	WESUS	050		DF		FO				AA 03000	
	WESUS	060		HM	R	FO		102.6 (103.6T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ECLEY	N451528.06	W0922354.68	N4515.468	W09223.911
	NAYIY	N451746.51	W0923707.86	N4517.775	W09237.131
	RICNO	N451709.13	W0923332.80	N4517.152	W09233.547
	WESUS	N452129.42	W0925845.46	N4521.490	W09258.758
	RW28	N451823.69	W0924042.50	N4518.395	W09240.708

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW28	00906	37

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OSCEOLA, WI

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