

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION							ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29									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			ILS: DA LOC: 0.34 DME									
MSN VORTAC			OZMIX/I-MSN 4.63 DME/RADAR			179.58 / 6.02			2700			CLIMB TO 2700 ON MSN VORTAC R-359 TO DECAL INT/MSN 14.26 DME AND HOLD, OR AS DIRECTED BY ATC. ALTERNATE MA: CLIMB TO 1400 THEN CLIMBING RIGHT TURN TO 3500 ON HEADING 110 TO AND ON BAE VORTAC R-270 TO DREAR/BAE 33.66 DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 178.66 INBOUND. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD W DREAR/BAE 33.66 DME, LT, 090.43 INBOUND. CHART FAS OBST: 977 BLDG 430539N/0892042W CHART: ASR. CHART VDP AT 0.67 DME* DISTANCE VDP TO THLD 1.00 MILES. *LOC ONLY. CHART CIRCLING ICON. CHART MAX 6000 AT OZMIX. CHART IN PLANVIEW ONLY: JVL 22.98 DME AT PACOV.									
JVL VOR/DME (IAF)			PACOV/13.61 DME (NOPT)			328.65 / 22.98			3100												
PACOV/13.61 DME (IF)			CUKRA/7.62 DME			004.94 / 5.98 (I-MSN)			2700												
CUKRA/7.62 DME			OZMIX/4.63 DME/RADAR			004.94 / 3.00 (I-MSN)			2500												
1. PT <u>L</u> SIDE OF COURSE <u>184.94</u> OUTBOUND <u>2700</u> FT WITHIN <u>10</u> MILES OF <u>OZMIX</u> (IAF)												MAG VAR: 3W EPOCH YEAR: 2020									
2.																					
3. FAC: <u>004.94</u> FAF: <u>OZMIX/I-MSN 4.63 DME/RADAR</u> DIST FAF TO MAP: <u> </u> THLD: <u>4.96</u>																					
4. MIN. ALT: <u>OZMIX 2500, ZIMIT/I-MSN 1.27 DME 1420*</u>																					
5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u>1114</u>																					
6. MIN GS INCPT: <u>2500</u> GS ALT AT: <u>OZMIX 2500</u> OM: <u> </u> MM: <u> </u> IM: <u> </u>																					
7. GS ANGLE: <u>3.00</u> TCH: <u>58.1</u>																					
8. MSA FROM: <u>MSN VORTAC 360-180 3100, 180-360 3600</u>																					
MINIMUMS																					
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A		ILS: STANDARD #			LOC: 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						
S-ILS 36	1062	1800	200	1062	1800	200	1062	1800	200	1062	1800	200	1062	1800	200						
S-LOC 36	1240	2400	378	1240	2400	378	1240	3500	378	1240	3500	378	1240	3500	378						
CIRCLING	1420	1	533	1460	1	573	1460	1 1/2	573	1700	2 3/4	813	1700	3	813						
NOTES: SA CAT I ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 36: CAT A, B, C, D, RA 159, RVR 1400, HAT 150, DA 1012 MSL. CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 36: CAT A, B, C, D, RA 109, RVR 1200, HAT 100, DA 962 MSL. (CONTINUED ON PAGE 2)																					
CITY AND STATE MADISON, WI			ELEVATION: 887 TDZE: 862 AIRPORT NAME: DANE COUNTY RGNL-TRUAX FIELD				FACILITY IDENTIFIER: I-MSN		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC/DME RWY 36, AMDT 2; ILS RWY 36 (SA CAT I), ILS RWY 36 (CAT II), ILS RWY 36 (CAT III), 2/4/2016					SUP: AMDT: 1C DATED 08/21/2014							

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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NOTES, (CONT.):

CAT III ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 36: CAT III CAT A,B,C,D, RVR 600.

CHART NOTE: DME OR RADAR REQUIRED.

CHART PLANVIEW NOTE: PROCEDURE TURN NA FOR CAT E AIRCRAFT.

CHART NOTE: FOR INOPERATIVE ALSF-2, INCREASE S-ILS 36 CAT E VISIBILITY TO RVR 4000 AND S-LOC 36

CAT C/D/E VISIBILITY TO RVR 5500.

CHART PROFILE NOTE: USE I-MSN DME WHEN ON THE LOCALIZER COURSE.

SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF HUD TO DH.

CHART NOTE: SA CAT I: S-ILS R36 NA WHEN CONTROL TOWER CLOSED.

CAT II RVR 1000 CHART NOTE: RVR 1000 AUTHORIZED WITH SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF AUTOLAND OR HUD TO TOUCHDOWN.

CHART NOTE: CAT II: S-ILS R36 NA WHEN CONTROL TOWER CLOSED.

CHART NOTE: CAT III: S-ILS R36 NA WHEN CONTROL TOWER CLOSED.

QUALITY
10

CHECKED

CITY AND STATE

MADISON, WI

ELEVATION: 887

TDZE: 862

AIRPORT NAME:

DANE COUNTY RGNL-TRUAX FIELD

FACILITY
IDENTIFIER:

I-MSN

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC/DME RWY 36, AMDT 2;
ILS RWY 36 (SA CAT I), ILS RWY 36 (CAT II), ILS RWY 36
(CAT III), 2/4/2016

SUP:

AMDT: 1C

DATED: 08/21/2014

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.29

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ARINC SUMMARY - KMSN

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
JVL	010	JVL	IF	FB										V A
JVL	020	PACOV	TF	FB								AA 03100		E B
JVL	030	CUKRA	CF	FB		004.9	IMSN					AA 02700		EE
MSN	010	MSN	IF	FB										V
MSN	020	OZMIX	TF	FB								BT 0600002700		E
MSN	030	OZMIX	PI	FB		139.9	IMSN		R			AA 02700		EE A
	010	CUKRA	IF	FB			IMSN					AA 02700 GI 02500		E I
	020	OZMIX	CF	FB		005.0	IMSN	3.00		MSN		GI 02500 GS 02500		E F
	030	RW36	CF	FO		005.0	IMSN	3.00				AT 00920		GY M
	040	DECAL	CF	FO		358.7	MSN					AA 02700		EYM
	050	DECAL	HM	FO		178.7			R			AA 02700		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
JVL	N423328.83	W0890618.93
MSN	N430841.41	W0892022.91
CUKRA	N425940.58	W0892053.24
DECAL	N432256.61	W0891948.90
OZMIX	N430240.30	W0892045.08
PACOV	N425341.84	W0892109.64
IMSN (LOC)	N430907.76	W0892027.18

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW36	N430737.88	W0892031.34	00862	58.1

QUALITY
15
CHECKED

CITY AND STATE
MADISON, WI

ELEVATION: 887 TDZE: 862
AIRPORT NAME:
DANE COUNTY RGNL-TRUAX FIELD

FACILITY
IDENTIFIER:
I-MSN

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
ILS OR LOC/DME RWY 36, AMDT 2;
ILS RWY 36 (SA CAT I), ILS RWY 36 (CAT II), ILS RWY
36 (CAT III), 2/4/2016

SUP:
AMDT: 1C
DATED: 08/21/2014

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.25

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ARINC SUMMARY - KMSN

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
JVL	010	JVL	IF	FB										V A
JVL	020	PACOV	TF	FB								AA 03100		E B
JVL	030	CUKRA	CF	FB		004.9	IMSN					AA 02700		EE
MSN	010	MSN	IF	FB										V
MSN	020	OZMIX	TF	FB								BT 0600002700		E
MSN	030	OZMIX	PI	FB		139.9	IMSN		R			AA 02700		EE A
	010	CUKRA	IF	FB			IMSN					AA 02700		E I
	020	OZMIX	CF	FB		005.0	IMSN			MSN		AA 02500		E F
	021	ZIMIT	CF	FB		005.0	IMSN	3.01				AA 01420		E S
	030	RW36	CF	FO		005.0	IMSN	3.01				AT 00920		GY M
	040	DECAL	CF	FO		358.7	MSN					AA 02700		EYM
	050	DECAL	HM	FO		178.7			R			AA 02700		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
JVL	N423328.83	W0890618.93
MSN	N430841.41	W0892022.91
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DECAL	N432256.61	W0891948.90
OZMIX	N430240.30	W0892045.08
PACOV	N425341.84	W0892109.64
ZIMIT	N430601.92	W0892035.75
IMSN (LOC)	N430907.76	W0892027.18

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
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				AMDT: 1C
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