

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												
FGT VORTAC	LAAKE OM/INT	127.63 / 3.85	2700	ILS: DA LOC: 5.10 MILES AFTER LAAKE OM/INT CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 2800 DIRECT FGT VORTAC AND HOLD; OR AS DIRECTED BY ATC. ALTERNATE MA: CLIMB TO 3000 ON HEADING 294 AND GEP R-182 TO LYDIA INT/32.57 DME AND HOLD (DME REQUIRED). ADDITIONAL FLIGHT DATA: HOLD E, LT, 265.00 INBOUND. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD S LYDIA INT/32.57 DME, RT, 002.00 INBOUND. CHART FAS OBST: 1139 TREE 443515N/0930843W CHART IN PLANVIEW: LYDIA INT/32.57 DME. CHART IN PLANVIEW: (XEQR) AT 443219.73N/0925919.83W											
1. PT <u>R</u> SIDE OF COURSE <u>114.43</u> OUTBOUND <u>2700</u> FT WITHIN <u>10</u> MILES OF <u>LAAKE OM/INT</u> (IAF) 2. 3. FAC: <u>294.43</u> FAF: <u>LAAKE OM/INT</u> DIST FAF TO MAP: <u>5.10</u> THLD: <u>5.10</u> 4. MIN. ALT: <u>LAAKE OM 2700</u> 5. DIST TO THLD FROM OM: <u>5.10</u> MM: <u>-</u> IM: <u>-</u> 150 HAT: <u>-</u> 100 HAT: <u>-</u> GS ANT: <u>678</u> 6. MIN GS INCPT: <u>2700</u> GS ALT AT: <u>-</u> OM: <u>2615</u> MM: <u>-</u> IM: <u>-</u> 7. GS ANGLE: <u>3.00</u> TCH: <u>36.7</u> 8. MSA FROM: <u>FGT VORTAC 3500</u>				MAG VAR: <u>3E</u> EPOCH YEAR: <u>1995</u>											
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A X											
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 30	1208	3/4	250	1208	3/4	250	1208	3/4	250	1208	3/4	250			
S-LOC 30	1400	3/4	442	1400	3/4	442	1400	3/4	442	1400	3/4	442			
CIRCLING	1500	1	540	1500	1	540	1500	1 1/2	540	1520	2	560			
NOTES: CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT. CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC CATS A AND B VISIBILITY TO 1 MILE.															
CITY AND STATE		ELEVATION: 960 TDZE: 958		FACILITY IDENTIFIER: I-LVN		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
MINNEAPOLIS, MN		AIRPORT NAME: AIRLAKE				ILS OR LOC RWY 30, ORIG-F 13 JAN 2011				AMDT: ORIG-E					
										DATED 05/06/2010					

QUALITY
A
CHECKED

FLIGHT STANDARDS SERVICES - FAR PART 97.29

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KLVNK3FI30	AFGT	010FGT	K3D JV	IF						18000		0	NS
SUSAP KLVNK3FI30	AFGT	020LAAKEK3EA0E		TF					+ 02700			0	NS
SUSAP KLVNK3FI30	AFGT	030LAAKEK3EA0EE	AL	PI	FGT K3	1276003915940100D			+ 02700			0	NS
SUSAP KLVNK3FI30	I	010XEQRK3EA0E	I	IF	ILVKN3	11440120		PI	J 027000270018000			0	NS
SUSAP KLVNK3FI30	I	020LAAKEK3EA0E	F	CF	ILVKN3	1144005829400062PI		H	0270002615		-300FGT	K3D	0 NS
SUSAP KLVNK3FI30	I	030RW30	K3PGOGY	M	CF	ILVKN3	1144000729400051PI		00989		-300		0 NS
SUSAP KLVNK3FI30	I	040	0	M	CA	2944			+ 01500				0 NS
SUSAP KLVNK3FI30	I	050FGT	K3D OVY	L	DF				+ 02800				0 NS
SUSAP KLVNK3FI30	I	060FGT	K3D OVE	L	HM	2650T010			+ 02800				0 NS

[illegible][illegible][illegible]

DATED: 05/06/2010

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ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
FGT		FGT	010		IF		FB					
FGT		LAAKE	020		TF		FB				AA 02700	
FGT		LAAKE	030	IAF	PI	L	FB		159.4 ()	010.0	AA 02700	
		XEQER	010	FACF	IF		FB				AA 02700 GI 02700	
		LAAKE	020	FAF	CF		FB		294.0 ()	006.2	GI 02700 GS 02615	
		RW30	030	MAP	CF		FO		294.0 ()	005.1	AT 00989	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		294.4 ()		AA 01500	
	FGT	050		DF	L	FO				AA 02800	
	FGT	060		HM	L	FO		265.0 ()	T01.0	AA 02800	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FGT	N443751.43	W0931055.37	N4437.857	W09310.923
	LAAKE	N443511.74	W0930701.06	N4435.196	W09307.018
	XEQER	N443219.73	W0925919.83	N4432.329	W09259.331
	RW30	N443732.76	W0931320.80	N4437.546	W09313.347
	ILVN (LOC)	N443752.54	W0931414.22	N4437.876	W09314.237

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW30	00952	37

CITY AND STATE
MINNEAPOLIS, MN

ELEVATION: 960 TDZE: 958
AIRPORT NAME:
AIRLAKE

FACILITY
IDENTIFIER:
I-LVN

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
ILS OR LOC RWY 30, ORIG-F
13 JAN 2011

SUP:
AMDT: ORIG-E
DATED: 05/06/2010