

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - 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.

ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	GROVZ	GROVZ	010	IAF	IF		FB					
	GROVZ	WULAM	020		TF		FB				AA 06000	
	GROVZ	BONNA	030		TF		FB				AA 05000	
	GROVZ	SAMMZ	040		CF		FB		301.4()	003.1	AA 04000	
		SAMMZ	010	FACF	IF		FB				AA 04000	GI 03000
		JACKO	020	FAF	CF		FB		301.0()	003.1	GI 03000	GS 03000
		RW30R	030	MAP	CF		FO		301.0()	006.7	AT 00875	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		301.4()		AA 01500	
	GEP	050		DF		FO				AA 03000	
	GEP	060		HM	L	FO		117.0()	T01.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	GEP	N450844.47	W0932223.45	N4508.741	W09322.391
	MSP	N445347.40	W0931411.53	N4453.790	W09314.192
	IINN (DME)	N445303.68	W0931148.87	N4453.061	W09311.815
	BONNA	N444608.17	W0925609.02	N4446.136	W09256.150
	GROVZ	N444250.91	W0924838.71	N4442.849	W09248.645
	JACKO	N444924.96	W0930340.22	N4449.416	W09303.670
	SAMMZ	N444746.62	W0925954.51	N4447.777	W09259.909
	WULAM	N444429.60	W0925223.75	N4444.493	W09252.396
	RW30R	N445253.54	W0931140.67	N4452.892	W09311.678
	IINN (LOC)	N445340.84	W0931329.92	N4453.681	W09313.499

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW30R	00820	55



CITY AND STATE MINNEAPOLIS, MN	ELEVATION: 842	TDZE: 822	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: CONVERGING ILS RWY 30R
	AIRPORT NAME: MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN		I-INN	ILS V RWY 30R (CONVERGING), AMDT 3 5 MARCH 2015	AMDT: 2
					DATED: 05/02/2013