

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: 4.83 MILES AFTER GLAWE INT					
PMM VOR/DME (IAF)		JAKES INT (NOPT)		028.69 / 25.91 (VIO LR-280)				2700		CLIMB TO 1300 THEN CLIMBING RIGHT TURN TO 3000 DIRECT VIO VOR/DME AND HOLD, OR AS DIRECTED BY ATC.  ALTERNATE MA: CLIMB TO 3000 DIRECT KNOBS LOM AND HOLD. (ADF REQUIRED).					
JAKES INT (IF/IAF)		GLAWE INT		085.29 / 7.71 (I-CYZ)				2400							
										ADDITIONAL FLIGHT DATA: HOLD SW, RT, 058.66 INBOUND. FAS OBST: 979 AAO 425234N/0853714W CHART ASR. CHART IN PLANVIEW: KNOBS LOM. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD E KNOBS LOM, 265.00 INBOUND.					
1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)										MAG VAR: 4W EPOCH YEAR: 1985					
2. HOLD W JAKES, RT, 085.29 INBOUND, 2700 FT. IN LIEU OF PT (IAF)															
3. FAC: 085.29 FAF: GLAWE INT DIST FAF TO MAP: 4.83 THLD: 4.83															
4. MIN. ALT: JAKES INT 2700, GLAWE INT 2400															
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 947															
6. MIN GS INCPT: 2400 GS ALT AT: GLAWE INT 2400 OM: - MM: - IM: -															
7. GS ANGLE: 3.00 TCH: 51.2															
8. MSA FROM: VIO VOR/DME 320-100 2400, 100-320 3000															
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 08R*	994	2400	200	994	2400	200	994	2400	200	994	2400	200			
S-LOC 08R	1240	2400	446	1240	2400	446	1240	4500	446	1240	4500	446			
CIRCLING	1280	1	486	1280	1	486	1280	1 1/2	486	1360	2	566			
NOTES: CHART NOTE: *RVR 1800 AUTHORIZED WITH THE USE OF FD OR AP OR HUD TO DA.  CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HOLLAND ALTIMETER SETTING AND INCREASE ALL DA 76 FEET AND ALL MDA 80 FEET, INCREASE S-LOC 8R CAT C/D VISIBILITY TO RVR 5500. (SEE FORM 8260-10)															
CITY AND STATE GRAND RAPIDS, MI		ELEVATION: 794 TDZE: 794 AIRPORT NAME: GERALD R. FORD INTL		FACILITY IDENTIFIER: I-CYZ		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 8R, AMDT 6A 13 NOVEMBER 2014						SUP: AMDT: 6 DATED 07/02/2009			



ILS - STANDARD  
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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NOTES, (CONT.):  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PMM VOR/DME ON AIRWAY RADIALS 004 CW 076.

CHART NOTE: FOR INOPERATIVE MALSR WHEN USING HOLLAND ALTIMETER SETTING, INCREASE S-ILS 8R ALL CATS VISIBILITY TO RVR 4500.



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<b>U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION</b> <b>ILS STANDARD INSTRUMENT APPROACH PROCEDURE</b> <b>FLIGHT STANDARDS SERVICES - FAR PART 97.29</b>					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 PACKET - 424-18 - ILS																																																																																																																																																																																																																							
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CITY AND STATE <b>GRAND RAPIDS, MI</b>	ELEVATION: <b>794</b> <b>TDZE: 794</b> AIRPORT NAME: <b>GERALD R. FORD INTL</b>	FACILITY IDENTIFIER: <b>I-CYZ</b>	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: <b>ILS OR LOC RWY 8R, AMDT 6A</b> <b>13 NOVEMBER 2014</b>	SUP: AMDT: <b>6</b> DATED: <b>07/02/2009</b>
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## FLIGHT STANDARDS SERVICES - FAR 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.

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SUP:	
AMDT:	<b>6</b>
DATED:	<b>07/02/2009</b>

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION								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.				
ILS STANDARD INSTRUMENT APPROACH PROCEDURE												
FLIGHT STANDARDS SERVICES - FAR PART 97.29												
ARINC SUMMARY - 424-18 - ILS												
ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	JAKES	JAKES	010	IAF	HF	R	FO		085.3 ( )	T01.0	AA 02700	
	PMM	PMM	010	IAF	FC		FB		028.7 ( )	023.9	AA 02700	
	PMM	JAKES	020		CF		FB		028.7 ( )	002.0	AA 02700	
		JAKES	010	FACF	IF		FB				AA 02700	GI 02400
		GLAWE	020	FAF	CF		FB		085.0 ( )	007.7	GI 02400	GS 02400
		RW08R	030	MAP	CF		FO		085.0 ( )	004.8	AT 00843	
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
			040		CA		FB		085.3 ( )		AA 01300	
		VIO	050		DF		FO				AA 03000	
		VIO	060		HM	R	FO		058.7 ( )	T01.0	AA 03000	
POINT DATA		WAYPOINT	LAT IN SECS		LONG IN SECS		LAT IN MINS		LONG IN MINS			
		PMM	N422757.73		W0860617.32		N4227.962		W08606.289			
		VIO	N424712.18		W0852949.45		N4247.203		W08529.824			
		JAKES	N425040.71		W0854922.79		N4250.679		W08549.380			
		GLAWE	N425151.84		W0853901.06		N4251.864		W08539.018			
		RW08R	N425235.88		W0853231.88		N4252.598		W08532.531			
		ICYZ (LOC)	N425252.35		W0853005.43		N4252.873		W08530.091			
RUNWAY DATA			THRESHOLD									
		RWY	ELEVATION		TCH							
		RW08R	00791		51							

CITY AND STATE <b>GRAND RAPIDS, MI</b>	ELEVATION: <b>794</b>	TDZE: <b>794</b>	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: <b>GERALD R. FORD INTL</b>		<b>I-CYZ</b>	<b>ILS OR LOC RWY 8R, AMDT 6A</b> 13 NOVEMBER 2014	AMDT: <b>6</b>
					DATED: <b>07/02/2009</b>

## FLIGHT STANDARDS SERVICES - FAR PART 97.25

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.

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## FLIGHT STANDARDS SERVICES - FAR PART 97.25

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[illegible]

SUP:	
AMDT:	<b>6</b>
DATED:	<b>07/02/2009</b>

<b>U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION</b> <b>LOC STANDARD INSTRUMENT APPROACH PROCEDURE</b> <b>FLIGHT STANDARDS SERVICES - FAR PART 97.25</b>								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 - LOC												
ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	JAKES	JAKES	010	IAF	HF	R	FO		085.3 ( )	T01.0	AA 02700	
	PMM	PMM	010	IAF	FC		FB		028.7 ( )	023.9	AA 02700	
	PMM	JAKES	020		CF		FB		028.7 ( )	002.0	AA 02700	
		JAKES	010	FACF	IF		FB				AA 02700	
		GLAWE	020	FAF	CF		FB		085.0 ( )	007.7	AA 02400	
		RW08R	030	MAP	CF		FO		085.0 ( )	004.8	AT 00843	
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
			040		CA		FB		085.3 ( )		AA 01300	
		VIO	050		DF		FO				AA 03000	
		VIO	060		HM	R	FO		058.7 ( )	T01.0	AA 03000	
POINT DATA		WAYPOINT	LAT IN SECS		LONG IN SECS		LAT IN MINS		LONG IN MINS			
		PMM	N422757.73		W0860617.32		N4227.962		W08606.289			
		VIO	N424712.18		W0852949.45		N4247.203		W08529.824			
		JAKES	N425040.71		W0854922.79		N4250.679		W08549.380			
		GLAWE	N425151.84		W0853901.06		N4251.864		W08539.018			
		RW08R	N425235.88		W0853231.88		N4252.598		W08532.531			
		ICYZ (LOC)	N425252.35		W0853005.43		N4252.873		W08530.091			
RUNWAY DATA			THRESHOLD									
		RWY	ELEVATION		TCH							
		RW08R	00791		51							

CITY AND STATE <b>GRAND RAPIDS, MI</b>	ELEVATION: <b>794</b>	TDZE: <b>794</b>	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: <b>GERALD R. FORD INTL</b>		<b>I-CYZ</b>	<b>ILS OR LOC RWY 8R, AMDT 6A</b> 13 NOVEMBER 2014	AMDT: <b>6</b>
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