

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	LPV: DA LNAV/VNAV: DA LNAV: RW27 CLIMB TO 3500 DIRECT IDVIY AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, RT, 086.25 INBOUND. CHART FAS OBST: 1062 TWR 465545N/0964504W OBST: 1112 AAO 465512N/0964057W DISTANCE TO THLD FROM 250 HATH: 0.65 NM. CHART VDP AT 1.19 MILES TO RW27* *LNAV ONLY. WAAS CHANNEL # 65733 REFERENCE PATH ID: W27A CHART CIRCLING ICON LTP HAE: 247.5 M											
IJKOM (IF/IAF)	EHRUX (FB)	266.71 / 7.00	2600												
EHRUX (FAF)	RW27 (MAP) (FO)	266.58 / 5.21													
RW27 (MAP)	1148 MSL	266.58													
1148 MSL	IDVIY (FO)		3500												
1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF) 2. HOLD: E IJKOM, RT, 266.71 INBOUND, 3500 FT. IN LIEU OF PT (IAF) 3. FAC: 266.58 FAF: EHRUX DIST FAF TO MAP: 5.21 THLD: 5.21 4. MIN. ALT: IJKOM 3500, EHRUX 2600 5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT: 6. MIN GS INCPT: 2600 GS ALT AT: EHRUX 2600 OM: MM: IM: 7. GS ANGLE: 3.00 TCH: 42.0 34:1 IS NOT CLEAR 8. MSA FROM:				MAG VAR: 4E EPOCH YEAR: 2005											
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	1148	3/4	250	1148	3/4	250	1148	3/4	250	1148	3/4	250			
LNAV/VNAV DA	1230	1 1/8	332	1230	1 1/8	332	1230	1 1/8	332	1230	1 1/8	332			
LNAV MDA	1320	1	422	1320	1	422	1320	1 1/4	422	1320	1 1/4	422			
CIRCLING	1380	1	479	1380	1	479	1500	1 1/2	599	1620	2 1/4	719			
NOTES: CHART NOTE: BARO-VNAV NA. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.															
CITY AND STATE				ELEVATION: 901 THRE: 898		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
FARGO, ND				AIRPORT NAME:		RNAV		RNAV (GPS) RWY 27, AMDT 1				AMDT: ORIG-A			
				HECTOR INTL				22 AUGUST 2013				DATED 12/15/2011			

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TAA

	FROM	TO	ALT
1.	177/30 CW 297/30 (NOPT) 297/15 CW 357/15	IJKOM (IF/IAF) (FB) IJKOM (IF/IAF) (FB)	3500 3500
2.	297/30 CW 357/30 (NOPT)	297/15 CW 357/15	3600
3.	357/30 CW 177/30	IJKOM (IF/IAF) (FO)	3500

CITY AND STATE

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FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KFAR
RUNWAY	RW27
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W27A
LTP/FTP LATITUDE	465537.1835N
LTP/FTP LONGITUDE	0964807.5835W
LTP/FTP ELLIPSOIDAL HEIGHT	+02475
FPAP LATITUDE	465537.9200N
FPAP LONGITUDE	0965017.5800W
THRESHOLD CROSSING HEIGHT (TCH)	00042:0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0832
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

707B0B7A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02738
FPAP ORTHOMETRIC HEIGHT	+02738

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RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - FAR PART 97.33

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ARINC PACKET - 424-18 - RNAV (GPS)

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KFARK3FR27	AIJKOM	010IJKOMK3EA0EE	AR	HF		26670040		+ 03500	18000			A JS	
SUSAP KFARK3FR27	R	010IJKOMK3EA0E	I	IF				+ 03500	18000			A JS	
SUSAP KFARK3FR27	R	020EHRUXK3EA1E	F	051TF		26670070		+ 02600				A JS	
SUSAP KFARK3FR27	R	020EHRUXK3EA2WALPV			ALNAV/VNAV	ALNAV						JS	
SUSAP KFARK3FR27	R	030RW27	K3PG0GY	M	031TF	26660052		00940		-300		A JS	
SUSAP KFARK3FR27	R	040	0	M	CA	2666		+ 01148				A JS	
SUSAP KFARK3FR27	R	050IDVIYK3EA0EY		DF				+ 03500				A JS	
SUSAP KFARK3FR27	R	060IDVIYK3EA0EE	R	HM		08630040		+ 03500				A JS	

[illegible][illegible]

CITY AND STATE
FARGO, ND

ELEVATION: 901	THRE: 898
AIRPORT NAME:	HECTOR INTL

FACILITY
IDENTIFIER:
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PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
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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
	IJKOM	IJKOM	010	IAF	HF	R	FO		266.7 (270.7T)	004.0	AA 03500	
		IJKOM	010	FACF	IF		FB				AA 03500	
		EHRUX	020	FAF	TF		FB	0.5	266.7 (270.7T)	007.0	AA 02600	
		RW27	030	MAP	TF		FO	0.3	266.6 (270.6T)	005.2	AT 00940	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		266.6 (270.6T)		AA 01148	
	IDVIY	050		DF		FO				AA 03500	
	IDVIY	060		HM	R	FO		086.3 (090.3T)	004.0	AA 03500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	EHRUX	N465534.25	W0964031.40	N4655.571	W09640.523
	IDVIY	N465542.32	W0970728.13	N4655.705	W09707.469
	IJKOM	N465529.53	W0963018.76	N4655.492	W09630.313
	RW27	N465537.18	W0964807.58	N4655.620	W09648.126

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW27	00898	42

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