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US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
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.

TAA

	FROM	TO	ALT
1.	356/30 CW 136/30 (NOPT)	IDVIY (IF/AF) (FB)	3500
	136/20 CW 176/20	IDVIY (IF/AF) (FB)	3500
2.	136/30 CW 176/30 (NOPT)	136/20 CW 176/20	4200
3.	176/30 CW 356/30	IDVIY (IF/AF) (FO)	3500

CITY AND STATE

FARGO, ND

ELEVATION: 901

THRE: 896

AIRPORT NAME:

HECTOR INTL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 9, AMDT 1

22 AUGUST 2013

SUP:

AMDT: ORIG-A

DATED: 12/15/2011

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
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	RW09
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W09A
LTP/FTP LATITUDE	465537.6955N
LTP/FTP LONGITUDE	0964938.3705W
LTP/FTP ELLIPSOIDAL HEIGHT	+02469
FPAP LATITUDE	465536.9500N
FPAP LONGITUDE	0964728.3700W
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

76AD24B3

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02731
FPAP ORTHOMETRIC HEIGHT	+02731

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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 KFARK3FR09	AIDVIY	010IDVIYK3EA0EE	AR	HF		08630040	+	03500	18000			A	JS
SUSAP KFARK3FR09	R	010IDVIYK3EA0E	I	IF			+	03500	18000			A	JS
SUSAP KFARK3FR09	R	020EFIQUK3EA1E	F	051TF		08630070	+	02600				A	JS
SUSAP KFARK3FR09	R	020EFIQUK3EA2WALPV			ALNAV/VNAV							JS	
SUSAP KFARK3FR09	R	030RW09	K3PG0GY	M	031TF	08640052		00938		-300		A	JS
SUSAP KFARK3FR09	R	040		0	M	0864	+	01146				A	JS
SUSAP KFARK3FR09	R	050IJKOMK3EA0EY		DF			+	03500				A	JS
SUSAP KFARK3FR09	R	060IJKOMK3EA0EE	R	HM		26670040	+	03500				A	JS

[illegible][illegible]

CITY AND STATE
FARGO, ND

ELEVATION: 901	THRE: 896
AIRPORT NAME:	HECTOR INTL

FACILITY
IDENTIFIER:

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PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
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RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - FAR PART 97.33

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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
	IDVIY	IDVIY	010	IAF	HF	R	FO		086.3 (090.3T)	004.0	AA 03500	
		IDVIY	010	FACF	IF		FB				AA 03500	
		EFIQU	020	FAF	TF		FB	0.5	086.3 (090.3T)	007.0	AA 02600	
		RW09	030	MAP	TF		FO	0.3	086.4 (090.4T)	005.2	AT 00938	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		086.4 (090.4T)		AA 01146	
	IJKOM	050		DF		FO				AA 03500	
	IJKOM	060		HM	R	FO		266.7 (270.7T)	004.0	AA 03500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	EFIQU	N465540.01	W0965715.20	N4655.667	W09657.253
	IDVIY	N465542.32	W0970728.13	N4655.705	W09707.469
	IJKOM	N465529.53	W0963018.76	N4655.492	W09630.313
	RW09	N465537.70	W0964938.37	N4655.628	W09649.640

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW09	00896	42

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