

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.													
US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION															
TERMINAL ROUTES		MISSED APPROACH													
FROM EJFIF (IF/IAF) HINLO (FAF) JAPDO/2.30 NM TO RW18 RW18 (MAP) 1585 MSL	TO HINLO (FB) JAPDO/2.30 NM TO RW18 (FB) RW18 (MAP) (FO) 1585 MSL ICOSU (FO)	COURSE AND DISTANCE 180.63 / 6.00 180.62 / 2.76 180.62 / 2.30 180.62	ALTITUDE 3000 4000												
		LPV: DA LNAV/VNAV: DA LNAV: RW18 CLIMB TO 4000 DIRECT ICOSU AND HOLD.													
		ADDITIONAL FLIGHT DATA: HOLD S, RT, 000.58 INBOUND. CHART FAS OBST: 1511 TOWER 431221N/0951137W DISTANCE TO THLD FROM 250 HATH: 0.62 NM. CHART VDP AT 1.23 MILES TO RW18* *LNAV ONLY. WAAS CHANNEL # 61333 REFERENCE PATH ID: W18A CHART CIRCLING ICON LTP HAE: 378.4'M													
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)		MAG VAR: 5E EPOCH YEAR: 1985													
2. HOLD N EJFIF, RT, 180.63 INBOUND, 4000 FT. IN LIEU OF PT (IAF)															
3. FAC: <u>180.62</u> FAF: <u>HINLO</u> DIST FAF TO MAP: <u>5.06</u> THLD: <u>5.06</u>															
4. MIN. ALT: EJFIF 4000, HINLO 3000, JAPDO/2.30 NM TO RW18 2120*															
5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u>															
6. MIN GS INCPT: <u>3000</u> GS ALT AT: <u>HINLO 3000</u> OM: <u> </u> MM: <u> </u> IM: <u> </u>															
7. GS ANGLE: <u>3.00</u> TCH: <u>52.9</u> 34:1 IS CLEAR															
8. MSA FROM: <u> </u>															
MINIMUMS															
TAKEOFF: <u>SEE FAA FORM 8260-15A FOR THIS AIRPORT</u> ALTERNATE: <u>N A</u> STANDARD @ <u> </u>															
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	1585	1	250	1585	1	250		NA			NA				
LNAV/VNAV DA	1605	1	270	1605	1	270		NA			NA				
LNAV MDA	1780	1	445	1780	1	445		NA			NA				
CIRCLING	1780	1	441	1820	1	481		NA			NA				
NOTES: CHART NOTE: BARO-VNAV AND VDP NA WHEN USING ESTHERVILLE ALTIMETER SETTING. @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C (-4F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. (SEE FORM 8260-10)															
CITY AND STATE SPENCER, IA		ELEVATION: 1339 THRE: 1335 AIRPORT NAME: SPENCER MUNI		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 18, AMDT 1 22 AUGUST 2013				SUP: AMDT: ORIG DATED 06/03/2010					

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

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NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ESTHERVILLE ALTIMETER SETTING AND INCREASE ALL DA/MDA 60 FEET; INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 1/8 MILE.

TAA

	FROM	TO	ALT
1.	091/30 CW 271/30 (NOPT)	EJFIF (IF/IAF) (FB)	4000
2.	271/30 CW 091/30	EJFIF (IAF) (FO)	4000

QUALITY
4
CHECKED

CITY AND STATE
SPENCER, IA

ELEVATION: 1339 THRE: 1335
AIRPORT NAME:
SPENCER MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 18, AMDT 1
22 AUGUST 2013

SUP:
AMDT: ORIG
DATED: 06/03/2010

RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KSPW
RUNWAY RW18
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR 0
REFERENCE PATH DATA SELECTOR W18A
REFERENCE PATH IDENTIFIER (APPROACH ID) 431020.5435N
LTP/FTP LATITUDE 0951205.4215W
LTP/FTP LONGITUDE +03784
LTP/FTP ELLIPSOIDAL HEIGHT 430851.8500N
FPAP LATITUDE 0951217.3200W
FPAP LONGITUDE 00052.9
THRESHOLD CROSSING HEIGHT (TCH) F
TCH UNITS SELECTOR (METERS OR FEET USED) 03.00
GLIDEPATH ANGLE (GPA) 106.75
COURSE WIDTH AT THRESHOLD 1200
LENGTH OFFSET 40.0
HORIZONTAL ALERT LIMIT (HAL) 50.0
VERTICAL ALERT LIMIT (VAL)

CRC REMAINDER

3E068A94

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K3
LTP ORTHOMETRIC HEIGHT +04069
FPAP ORTHOMETRIC HEIGHT +04069

CITY AND STATE SPENCER, IA	ELEVATION: 1339 THRE: 1335 AIRPORT NAME: SPENCER MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 18, AMDT 1 22 AUGUST 2013	SUP: AMDT: ORIG DATED: 06/03/2010
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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KSPWK3FR18	AEJFIF	010EJFIFK3EA0EE	AR	HF			18060040		+ 04000	18000		A	JS
SUSAP KSPWK3FR18	R	010EJFIFK3EA0E	I	IF					+ 04000	18000		A	JS
SUSAP KSPWK3FR18	R	020HINLOK3EA1E	F	051TF			18060060		+ 03000			A	JS
SUSAP KSPWK3FR18	R	020HINLOK3EA2WALPV			ALNAV/VNAV	ALNAV							JS
SUSAP KSPWK3FR18	R	021JAPDOK3EA0E	S	031TF			18060028		V 0212002120	-300		A	JS
SUSAP KSPWK3FR18	R	030RW18	K3PGOGY	M 031TF			18060023		01388	-300		A	JS
SUSAP KSPWK3FR18	R	040	0	M	CA		1806		+ 01585			A	JS
SUSAP KSPWK3FR18	R	050ICOSUK3EA0EY		DF					+ 04000			A	JS
SUSAP KSPWK3FR18	R	060ICOSUK3EA0EE	R	HM			00060040		+ 04000			A	JS

[illegible][illegible]

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RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
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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
	EJFIF	EJFIF	010	IAF	HF	R	FO		180.6 (185.6T)	004.0	AA 04000	
		EJFIF	010	FACF	IF		FB				AA 04000	
		HINLO	020	PAF	TF		FB	0.5	180.6 (185.6T)	006.0	AA 03000	
		JAPDO	021	SDF	TF		FB	0.3	180.6 (185.6T)	002.8	AA 02120	GS 02120
		RW18	030	MAP	TF		FO	0.3	180.6 (185.6T)	002.3	AT 01388	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		180.6 (185.6T)		AA 01585	
	ICOSU	050		DF		FO				AA 04000	
	ICOSU	060		HM	R	FO		000.6 (005.6T)	004.0	AA 04000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	EJFIF	N432121.08	W0951036.50	N4321.351	W09510.608
	HINLO	N431522.86	W0951124.79	N4315.381	W09511.413
	ICOSU	N425830.42	W0951340.27	N4258.507	W09513.671
	JAPDO	N431237.91	W0951146.97	N4312.632	W09511.783
	RW18	N431020.54	W0951205.42	N4310.342	W09512.090

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18	01335	53

QUALITY
Checked

CITY AND STATE SPENCER, IA	ELEVATION: 1339	THRE: 1335	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: SPENCER MUNI		RNAV	RNAV (GPS) RWY 18, AMDT 1	AMDT: ORIG
				22 AUGUST 2013	DATED: 06/03/2010