

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES										MISSED APPROACH						
FROM		TO		COURSE AND DISTANCE				ALTITUDE								
ONUWA (IF/IAF)		MESVE (FB)		301.42 / 7.56				3000		LPV: DA LNAV/VNAV: DA LNAV: RW30						
MESVE (FAF)		UMANY/1.80 NM TO RW30 (FB)		301.32 / 3.27						CLIMB TO 4000 DIRECT YAYDU AND HOLD.						
UMANY/1.80 NM TO RW30		RW30 (MAP) (FO)		301.32 / 1.80												
RW30 (MAP)		1585 MSL		301.32												
1585 MSL		YAYDU (FO)						4000		ADDITIONAL FLIGHT DATA: HOLD NW, RT, 121.08 INBOUND. CHART FAS OBST: 1416 TREE 430936N/0951024W CHART: 1764 TOWER 430647N/0950653W DISTANCE TO THLD FROM 250 HATH: 0.63 NM. CHART VDP AT 1.10 MILES TO RW30* *LNAV ONLY. WAAS CHANNEL # 87133 REFERENCE PATH ID: W30A CHART CIRCLING ICON LTP HAE: 378.3 M						
1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)																
2. HOLD SE ONUWA, RT, 301.42 INBOUND, 4000 FT. IN LIEU OF PT (IAF)																
3. FAC: 301.32 FAF: MESVE DIST FAF TO MAP: 5.07 THLD: 5.07																
4. MIN. ALT: ONUWA 4000, MESVE 3000, UMAN Y/1.80 NM TO RW30 1940*																
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:																
6. MIN GS INCPT: 3000 GS ALT AT: MESVE 3000 OM: MM: IM:																
7. GS ANGLE: 3.00 TCH: 50.0 34:1 IS CLEAR																
8. MSA FROM:										MAG VAR: 5E EPOCH YEAR: 1985						
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	1585	3/4	250	1585	3/4	250	1585	3/4	250	1585	3/4	250				
LNAV/VNAV DA	1620	7/8	285	1620	7/8	285	1620	7/8	285	1620	7/8	285				
LNAV MDA	1720	1	385	1720	1	385	1720	1 1/8	385	1720	1 1/8	385				
CIRCLING																
	1740	1	401	1820	1	481	2040	2	701	2040	2 1/4	701				
NOTES: CHART NOTE: BARO-VNAV AND VDP NA WHEN USING ESTHERVILLE ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C (-4F) OR ABOVE 54C (130F). CHART PROFILE NOTE: VGS I AND RNAV GLIDEPATH NOT COINCIDENT. CHART NOTE: DME/DME RNP-0.3 NA. (SEE FORM 8260-10)																
CITY AND STATE		ELEVATION: 1339 THRE: 1335		AIRPORT NAME:		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:				
SPENCER, IA				SPENCER MUNI				RNAV (GPS) RWY 30, AMDT 1				AMDT: ORIG				
								22 AUGUST 2013				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 LPV ALL CATS VISIBILITY TO 1 MILE, LNAV/VNAV ALL CATS VISIBILITY TO 1 1/8 MILE, LNAV CATS C/D VISIBILITY TO 1 3/8 MILE, CIRCLING CAT C TO 2 1/4 MILE, AND CIRCLING CAT D TO 2 1/2 MILE.

TAA

	FROM	TO	ALT
1.	211/30 CW 031/30 (NOPT)	ONUWA (IF/IAF) (FB)	4000
2.	031/30 CW 211/30	ONUWA (IF/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 30, AMDT 1 22 AUGUST 2013	SUP:
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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 RW30
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR 0
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W30A
LTP/FTP LATITUDE 430942.4805N
LTP/FTP LONGITUDE 0951143.9355W
LTP/FTP ELLIPSOIDAL HEIGHT +03783
FPAP LATITUDE 431035.1800N
FPAP LONGITUDE 0951322.1300W
THRESHOLD CROSSING HEIGHT (TCH) 00050.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 1072
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

C32FF12C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K3
LTP ORTHOMETRIC HEIGHT +04068
FPAP ORTHOMETRIC HEIGHT +04068

QUALITY
4
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	AIRPORT NAME: SPENCER MUNI	AMDT: ORIG			
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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KSPWK3FR30	AONUWA	0100NUWAK3EA0EE	AR	HF			30140040	+	04000	18000		A	JS
SUSAP KSPWK3FR30	R	0100NUWAK3EA0E	I	IF				+	04000	18000		A	JS
SUSAP KSPWK3FR30	R	020MESVEK3EA1E	F	051TF			30140076	+	03000			A	JS
SUSAP KSPWK3FR30	R	020MESVEK3EA2WALPV			ALNAV/VNAV	ALNAV							JS
SUSAP KSPWK3FR30	R	021UMANYK3EA0E	S	031TF			30130033	V	0194001958	-300		A	JS
SUSAP KSPWK3FR30	R	030RW30 K3PG0GY	M	031TF			30130018		01385	-300		A	JS
SUSAP KSPWK3FR30	R	040	0	M	CA		3013	+	01585			A	JS
SUSAP KSPWK3FR30	R	050YAYDUK3EA0EY		DF				+	04000			A	JS
SUSAP KSPWK3FR30	R	060YAYDUK3EA0EE	R	HM			12110040	+	04000			A	JS

[illegible][illegible]

QUALITY
A
CHECKED

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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
	ONUWA	ONUWA	010	IAF	HF	R	FO		301.4 (306.4T)	004.0	AA 04000	
		ONUWA	010	FACF	IF		FB				AA 04000	
		MESVE	020	FAF	TF		FB	0.5	301.4 (306.4T)	007.6	AA 03000	
		UMANY	021	SDF	TF		FB	0.3	301.3 (306.3T)	003.3	AA 01940	GS 01958
		RW30	030	MAP	TF		FO	0.3	301.3 (306.3T)	001.8	AT 01385	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		301.3 (306.3T)		AA 01585	
	YAYDU	050		DF		FO				AA 04000	
	YAYDU	060		HM	R	FO		121.1 (126.1T)	004.0	AA 04000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	MESVE	N430642.30	W0950608.91	N4306.705	W09506.149
	ONUWA	N430213.33	W0945750.72	N4302.222	W09457.845
	UMANY	N430838.57	W0950944.99	N4308.643	W09509.750
	YAYDU	N431805.65	W0952725.12	N4318.094	W09527.419
	RW30	N430942.48	W0951143.94	N4309.708	W09511.732

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW30	01335	50

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