

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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	
SUMAN	TOSSO (FO)	310.66 / 12.97	2200	LPV: DA LNAV/VNAV: DA LNAV: RW18
BURCK	TOSSO (FO)	080.46 / 16.32	2200	
TOSSO (IF/IAF)	ACIGO (FB)	179.25 / 5.67	2200	CLIMB TO 1200 THEN CLIMBING LEFT TURN TO 2200 DIRECT TOSSO AND HOLD.
ACIGO (FAF)	WEMLO/1.50 NM TO RW18 (FB)	179.24 / 3.55		
WEMLO/1.50 NM TO RW18	RW18 (MAP) (FO)	179.24 / 1.50		ADDITIONAL FLIGHT DATA: DISTANCE TO THLD FROM 250 HATH: 0.61 NM. WAAS CHANNEL # 93630 REFERENCE PATH ID: W18A LTP HAE: 134.1 M
RW18 (MAP)	1200 MSL	179.24	1200	
1200 MSL	TOSSO (FO)		2200	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD N TOSSO, LT, 179.25 INBOUND, 2200 FT. IN LIEU OF PT (IAF)
- FAC: 179.24 FAF: ACIGO DIST FAF TO MAP: 5.05 THLD: 5.05
- MIN. ALT: TOSSO 2200, ACIGO 2200, WEMLO/1.50 NM TO RW18 1060*
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 2200 GS ALT AT: ACIGO 2200 OM: MM: IM:
- GS ANGLE: 3.00 TCH: 55.0 34:1 IS NOT CLEAR
- MSA FROM: RW18 2400

MAG VAR: 1E EPOCH YEAR: 1990

MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A		X						
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	788	1	250	788	1	250	788	1	250	788	1	250			
LNAV/VNAV DA	788	1	250	788	1	250	788	1	250	788	1	250			
LNAV MDA	880	1	342	880	1	342	880	1	342	880	1	342			
CIRCLING	980	1	442	1140	1	602	1140	1 3/4	602	1140	2	602			

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING SCOTT AFB/MIDAMERICA ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F).
CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 18 PROCEDURE NA AT NIGHT.
CHART NOTE: DME/DME RNP-0.3 NA.
(SEE FORM 8260-10)

QUALITY
9
CHECKED

CITY AND STATE SPARTA, IL	ELEVATION: 538 THRE: 538 AIRPORT NAME: SPARTA COMMUNITY-HUNTER FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 18, AMDT 1 18 OCTOBER 2012	SUP:
				AMDT: ORIG-A
				DATED 04/07/2011

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NOTES, (CONT.):

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SCOTT AFB/MIDAMERICA ALTIMETER SETTING AND INCREASE ALL DA 68 FEET AND ALL MDA 80 FEET, INCREASE LNAV AND CIRCLING CAT C/D VISIBILITY 1/4 MILE.

CHART PLANVIEW NOTE: LIMIT MISSED APPROACH TO 250 KIAS.

*LNAV ONLY.

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CITY AND STATE
SPARTA, IL

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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	KSAR
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	380919.4340N
LTP/FTP LONGITUDE	0894158.0080W
LTP/FTP ELLIPSOIDAL HEIGHT	+01341
FPAP LATITUDE	380750.2300N
FPAP LONGITUDE	0894158.4800W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

D83DD44E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01639
FPAP ORTHOMETRIC HEIGHT	+01639

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KSARK5FR18	ABURCK	010BURCKK5EA0E		IF					18000		A	JS
SUSAP	KSARK5FR18	ABURCK	020TOSSOK5EA0EY	020TF		08050163		+ 02200				A	JS
SUSAP	KSARK5FR18	ABURCK	030TOSSOK5EA0EE	AL HF		17930040		+ 02200				A	JS
SUSAP	KSARK5FR18	ASUMAN	010SUMANK5EA0E	IF						18000		A	JS
SUSAP	KSARK5FR18	ASUMAN	020TOSSOK5EA0EY	020TF		31070130		+ 02200				A	JS
SUSAP	KSARK5FR18	ASUMAN	030TOSSOK5EA0EE	AL HF		17930040		+ 02200				A	JS
SUSAP	KSARK5FR18	R	010TOSSOK5EA0E	I IF						18000		A	JS
SUSAP	KSARK5FR18	R	020ACIGOK5EA1E	F 051TF		17930057		+ 02200			RW18	K5PGA	JS
SUSAP	KSARK5FR18	R	020ACIGOK5EA2WALPV		ALNAV/VNAV	ALNAV							JS
SUSAP	KSARK5FR18	R	021WEMLOK5EA0E	S 031TF		17920036		V 0106001070		-300		A	JS
SUSAP	KSARK5FR18	R	030RW18	K5PG0GY M 031TF		17920015		00593		-300		A	JS
SUSAP	KSARK5FR18	R	040	0 M CA		1792		+ 01200				A	JS
SUSAP	KSARK5FR18	R	050TOSSOK5EA0EY	L DF				+ 02200		250		A	JS
SUSAP	KSARK5FR18	R	060TOSSOK5EA0EE	L HM		17930040		+ 02200				A	JS

[illegible][illegible]

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MSA 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KSARK5SRW18 K5PG 0 18018002425 M

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/PB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
BURCK	BURCK	BURCK	010		IF		FB					
BURCK	TOSSO	TOSSO	020		TF		FO	2.0	080.5 (081.5T)	016.3	AA 02200	
BURCK	TOSSO	TOSSO	030	IAF	HF	L	FO		179.3 (180.3T)	004.0	AA 02200	
SUMAN	SUMAN	SUMAN	010		IF		FB					
SUMAN	TOSSO	TOSSO	020		TF		FO	2.0	310.7 (311.7T)	013.0	AA 02200	
SUMAN	TOSSO	TOSSO	030	IAF	HF	L	FO		179.3 (180.3T)	004.0	AA 02200	
	TOSSO	TOSSO	010	FACF	IF		FB				AA 02200	
	ACIGO	ACIGO	020	FAF	TF		FB	0.5	179.3 (180.3T)	005.7	AA 02200	
	WEMLO	WEMLO	021	SDF	TF		FB	0.3	179.2 (180.2T)	003.6	AA 01060 GS 01070	
	RW18	RW18	030	MAP	TF		FO	0.3	179.2 (180.2T)	001.5	AT 00593	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/PB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		179.2 (180.2T)		AA 01200	
	TOSSO	050		DF	L	FO				AA 02200	AB 250
	TOSSO	060		HM	L	FO		179.3 (180.3T)	004.0	AA 02200	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ACIGO	N381422.60	W0894156.40	N3814.377	W08941.940
	BURCK	N381739.19	W0900225.56	N3817.653	W09002.426
	SUMAN	N381125.98	W0892935.83	N3811.433	W08929.597
	TOSSO	N382002.99	W0894154.53	N3820.050	W08941.909
	WEMLO	N381049.53	W0894157.53	N3810.826	W08941.959
	RW18	N380919.43	W0894158.01	N3809.324	W08941.967

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18	00538	55

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