

US DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD  
INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.29

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
FSD VORTAC	ROKKY LOM/RADAR	183.58 / 9.55	3400	<b>ILS: DA</b> <b>LOC: 5.73 MILES AFTER ROKKY LOM RADAR</b>  <b>CLIMB TO 3400 THEN LEFT TURN DIRECT FSD VORTAC AND HOLD, OR AS DIRECTED BY ATC.</b>  <b>ALTERNATE MA: CLIMB TO 3400 THEN CLIMBING LEFT TURN DIRECT ROKKY LOM/RADAR AND HOLD SW, LT, 029.89 INBOUND.</b>  <b>ADDITIONAL FLIGHT DATA:</b> HOLD NW, LT, 147.00 INBOUND. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SW ROKKY LOM/RADAR, LT, 029.89 INBOUND. CHART FAS OBST: 1527 ANT (KFSD0043) 433332N/0964605W CHART FAS OBST: 1639 TOWER 433236N/0964657W CHART IN PLANVIEW: CFBXM AT 432621.74N/0965252.15W CHART ASR.

1. PT        SIDE OF COURSE        OUTBOUND        FT WITHIN        MILES OF        (IAF)
2. HOLD SW ROKKY LOM, LT, 029.89 INBOUND, 3400 FT. IN LIEU OF PT (IAF)
3. FAC: 029.89 FAF: ROKKY LOM/RADAR DIST FAF TO MAP: 5.74 THLD: 5.74
4. MIN. ALT: ROKKY LOM 3400, MAREY INT 1940\*
5. DIST TO THLD FROM OM: 5.74 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1039
6. MIN GS INCPT: 3400 GS ALT AT: - OM: 3336 MM: - IM: -
7. GS ANGLE: 3.00 TCH: 54.3
8. MSA FROM: FS LOM 270-180 4500, 180-270 3500

MAG VAR: 5E

EPOCH YEAR: 2000

MINIMUMS

TAKEOFF:	SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: N A	ILS: STANDARD #	LOC: 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
S-ILS 3	1674	2400	250	1674	2400	250	1674	2400	250	1674	2400	250			
S-LOC 3	1940	2400	516	1940	2400	516	1940	5500	516	1940	5500	516			
CIRCLING	1980	1	550	1980	1	550	1980	1 1/2	550	2040	2	610			

MAREY FIX MINIMUMS (DUAL VOR RECEIVERS REQUIRED)

S-LOC 3	1800	2400	376	1800	2400	376	1800	3500	376	1800	3500	376			
CIRCLING	1980	1	550	1980	1	550	1980	1 1/2	550	2040	2	610			

NOTES:

CHART PLANVIEW NOTE: ADF OR RADAR REQUIRED.  
\*LOC ONLY

# CAT'D 700-2  
#@ NA WHEN CONTROL TOWER CLOSED.

QUALITY  
4  
CHECKED

CITY AND STATE SIOUX FALLS, SD	ELEVATION: 1430 THRE: 1424 AIRPORT NAME: JOE FOSS FIELD	FACILITY IDENTIFIER: I-FSD	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 3, AMDT 27E 19 SEPTEMBER 2013	SUP: AMDT: 27D DATED 03/07/2006
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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KFSDK3FI03	AFSD	010FSD	K3D OV	IF						18000		0 NS	
SUSAP KFSDK3FI03	AFSD	020ROKKYK3EA0EY	TF					+ 03400				0 NS	
SUSAP KFSDK3FI03	AFSD	030ROKKYK3EA0EE AL	HF	IFSDK3	209900740299T010PI			+ 03400				0 NS	
SUSAP KFSDK3FI03	I	010CFBXXMK3EA0E I	IF	IFSDK3	20990114		PI	J 034000340018000				0 NS	
SUSAP KFSDK3FI03	I	020ROKKYK3EA0E F	CF	IFSDK3	2099007403000040PI		H	0340003336		-300FS	K3PN0	NS	
SUSAP KFSDK3FI03	I	030RW03 K3PGOGY M	CF	IFSDK3	2099001703000057PI			01478		-300		0 NS	
SUSAP KFSDK3FI03	I	040	0 M	CA	0299			+ 03400				0 NS	
SUSAP KFSDK3FI03	I	050FSD	K3D OVY L	DF				+ 03400				0 NS	
SUSAP KFSDK3FI03	I	060FSD	K3D OVE L	HM	1470T010			+ 03400				0 NS	

[illegible][illegible][illegible]

CITY AND STATE <b>SIOUX FALLS, SD</b>	ELEVATION: <b>1430</b> THRE: <b>1424</b> AIRPORT NAME: <b>JOE FOSS FIELD</b>	FACILITY IDENTIFIER:  <b>I-FSD</b>	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: <b>ILS OR LOC RWY 3, AMDT 27E</b>  19 SEPTEMBER 2013	SUP:
				AMDT: <b>27D</b>
				DATED: <b>03/07/2008</b>

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NAVAID 1 2 3 4 5 6 7 8 9 0 1 2 3  
1234567890123456789012345678901234567890123456789012345678901234567890123456789012  
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SUSAPNKFSDK3 FS K3002450H0HW N43293828W096494461 E0050 NARROKKY

QUALITY  
4  
CHECKED

CITY AND STATE SIOUX FALLS, SD	ELEVATION: 1430	THRE: 1424	FACILITY IDENTIFIER:  I-FSD	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: ILS OR LOC RWY 3, AMDT 27E 19 SEPTEMBER 2013	SUP:
	AIRPORT NAME: JOE FOSS FIELD	AMDT: 27D			
	DATED: 03/07/2008				

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## ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	FSD	FSD	010		IF		FB					
	FSD	ROKKY	020		TF		FO				AA 03400	
	FSD	ROKKY	030	IAF	HF	L	FO		029.9()	T01.0	AA 03400	
		CFBXM	010	FACF	IF		FB				AA 03400	GI 03400
		ROKKY	020	FAF	CF		FB		030.0()	004.0	GI 03400	GS 03336
		RW03	030	MAP	CF		FO		030.0()	005.7	AT 01478	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		029.9()		AA 03400	
	FSD	050		DF	L	FO				AA 03400	
	FSD	060		HM	L	FO		147.0()	T01.0	AA 03400	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FSD	N433858.17	W0964652.05	N4338.970	W09646.868
	CFBXM	N432621.74	W0965252.15	N4326.362	W09652.869
	ROKKY	N432938.89	W0964943.89	N4329.648	W09649.732
	RW03	N433421.43	W0964513.33	N4334.357	W09645.222
	IFSD (LOC)	N433542.87	W0964355.18	N4335.715	W09643.920
	FS	N432938.28	W0964944.61	N4329.638	W09649.744

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW03	01424	54

QUALITY  
CHECKED

CITY AND STATE  
SIOUX FALLS, SD

ELEVATION: 1430 THRE: 1424  
AIRPORT NAME:  
JOE FOSS FIELD

FACILITY  
IDENTIFIER:  
I-FSD

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:  
ILS OR LOC RWY 3, AMDT 27E  
19 SEPTEMBER 2013

SUP:  
AMDT: 27D  
DATED: 03/07/2008

**FLIGHT STANDARDS SERVICES - FAR PART 97.25**

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KFSDK3FL03	AFSD	010FSD	K3D	OV	IF					18000		0	NS
SUSAP KFSDK3FL03	AFSD	020R0KKYK3EA0EY	TF					+ 03400				0	NS
SUSAP KFSDK3FL03	AFSD	030R0KKYK3EA0EE AL	HF	IFSDK3	209900740299T010PI		+ 03400					0	NS
SUSAP KFSDK3FL03	L	010CFBXMK3EA0E I	IF	IFSDK3	20990114		PI + 03400		18000			0	NS
SUSAP KFSDK3FL03	L	020R0KKYK3EA0E F	CF	IFSDK3	20990074030000040PI		+ 03400			FS	K3PN0	NS	
SUSAP KFSDK3FL03	L	021MAREYK3EA0E S	CF	IFSDK3	20990030030000044PI		+ 01940			-316		0	NS
SUSAP KFSDK3FL03	L	030RW03 K3PG0GY M	CF	IFSDK3	20990017030000014PI		01478			-316		0	NS
SUSAP KFSDK3FL03	L	040	0	M	CA		0299		+ 03400			0	NS
SUSAP KFSDK3FL03	L	050FSD	K3D	OVY	L	DF			+ 03400			0	NS
SUSAP KFSDK3FL03	L	060FSD	K3D	OVE	L	HM		1470T010		+ 03400		0	NS

[illegible][illegible]

**MSA**

SUP:	
AMDT:	27D
DATED:	03/07/2008

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SUSAP KFSDK3SFS K3PN

0 0903600452536009003525

M

NAVAID 1 2 3 4 5 6 7 8 9 0 1 2 3  
12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012  
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SUSAPNKFSDK3 FS K3002450H0HW N43293828W096494461 E0050 NARROKKY

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		CFBXM	010	FACF	IF		FB				AA 03400	
		ROKKY	020	FAF	CF		FB		030.0()	004.0	AA 03400	
		MAREY	021	SDF	CF		FB		030.0()	004.4	AA 01940	
		RW03	030	MAP	CF		FO		030.0()	001.4	AT 01478	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		029.9()		AA 03400	
	FSD	050		DF	L	FO				AA 03400	
	FSD	060		HM	L	FO		147.0()	T01.0	AA 03400	

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	MAREY	N433312.84	W0964618.97	N4333.214	W09646.316
	ROKKY	N432938.89	W0964943.89	N4329.648	W09649.732
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	RW03	01424	54

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