

24-MAR-2016

**FSD-KFSD****1-10****AOI****AOI****GENERAL****Operational Hours****ATS Hours:** 1100-0600‡**AD OPS Hours:** H24**Airport Information****RFF:** FAA Index B / CAT 6**Fuel:** Jet A, A++, A++100**PCN:** RWY 03/21, 09/27: 60/R/B/W/T

RWY 15/33: 70/R/B/W/T

**Operation****Traffic Note**

RWY and APCH lights are turned off when TWR CLSD, thereafter activation by CTAF.

Low Level Windshear Alert System (LLWAS) in operation.

**RWY Restriction**

RWY 09/27 AVBL for taxi for scheduled TFC with 10 or more PAX seats and for unscheduled TFC with 31 or more PAX seats.

**Taxi/Parking**

TWY H, TWY G and TWY J between east cargo ramp and TWY B not visible from TWR.

TWY C MIL use only.

**Warnings****FSD VOR** unusable:

R055-R075 beyond 15NM.

R055-R068 below 9000ft.

R069-R075 below 2900ft.

**ILS RWY 03 LOC** unusable beyond 30° left of course.**PAPI RWY 15** unusable beyond 6° left and 5° right of RWY CL.

RWY 15/33, 03/21 arresting gear 457m / 1500ft from THR.

Heavy VFR TFC 2NM east of ROKKY NDB.

Marv Skie Lincoln County AD 7.2NM SW of KFSD.

Balloon OPS will be conducted daily from SR-SS within a 1NM radius 8NM north of AD. The balloon will operate from surface to at or below 1000ft AGL.

Birds and deer in vicinity of AD.

**ARRIVAL****Speed**

MAX IAS 250KT below 10000ft.

**Communication****COM Failure:** See CRAR United States.

24-MAR-2016

FSD-KFSD

1-20

AOI

AOI

**ARRIVAL****Arrival Procedure****RNAV (GPS) RWY 09:** PROC NA for ARR on R202 - R297 FSD VOR/DME.**RNAV (GPS) RWY 15:** PROC NA for ARR at FRYRE on V120 W-bound and ARR at SECTO on V148 NE-bound.**RNAV (GPS) RWY 21:** PROC NA for ARR at FSD VOR/DME via V170 W-bound, V148 SW-bound, V120 W-bound, V462W-bound.**RNAV (GPS) RWY 27:** PROC NA for ARR on R046 - R110 FSD VOR/DME.**RNAV (GPS) RWY 33:** PROC NA for ARR at CANTS via V15 S-bound and ARR at ANBUJ via V462 S-bound.**Non-standard GP intercept position on RWY 03**

GP intercepts RWY 03 at 314m / 1030ft after landing threshold.

Remaining LDG DIST beyond GP is 2429m / 7969ft.

**DEPARTURE****Take-off Minima**

RWY		03/21	
1+2 ENG	ft - ft/SM	0 - 5000R/1.0V	-
3+4 ENG		0 - 2400R/0.5V	-

RWY		15	
1+2 ENG	ft - ft/SM	0 - 1.0V	-
3+4 ENG		0 - 0.5V	-

RWY		33	
1+2 ENG	ft - ft/SM	0 - 1.0V	MMN climb gradient 5.7% up to 1700
3+4 ENG		0 - 0.5V	

**Speed**

MAX IAS 250KT below 10000ft.

**Communication****COM Failure:** See CRAR United States.

**United States** **Sioux Falls** Joe Foss Fld  
2-10 **AFC** **AFC** **AFC** **AFC** **AFC** **AFC** **AFC** **AFC**

DSS Fld  
AGC

**Joe Foss Fld Sioux Falls United States**  
ACC  
**AFC**

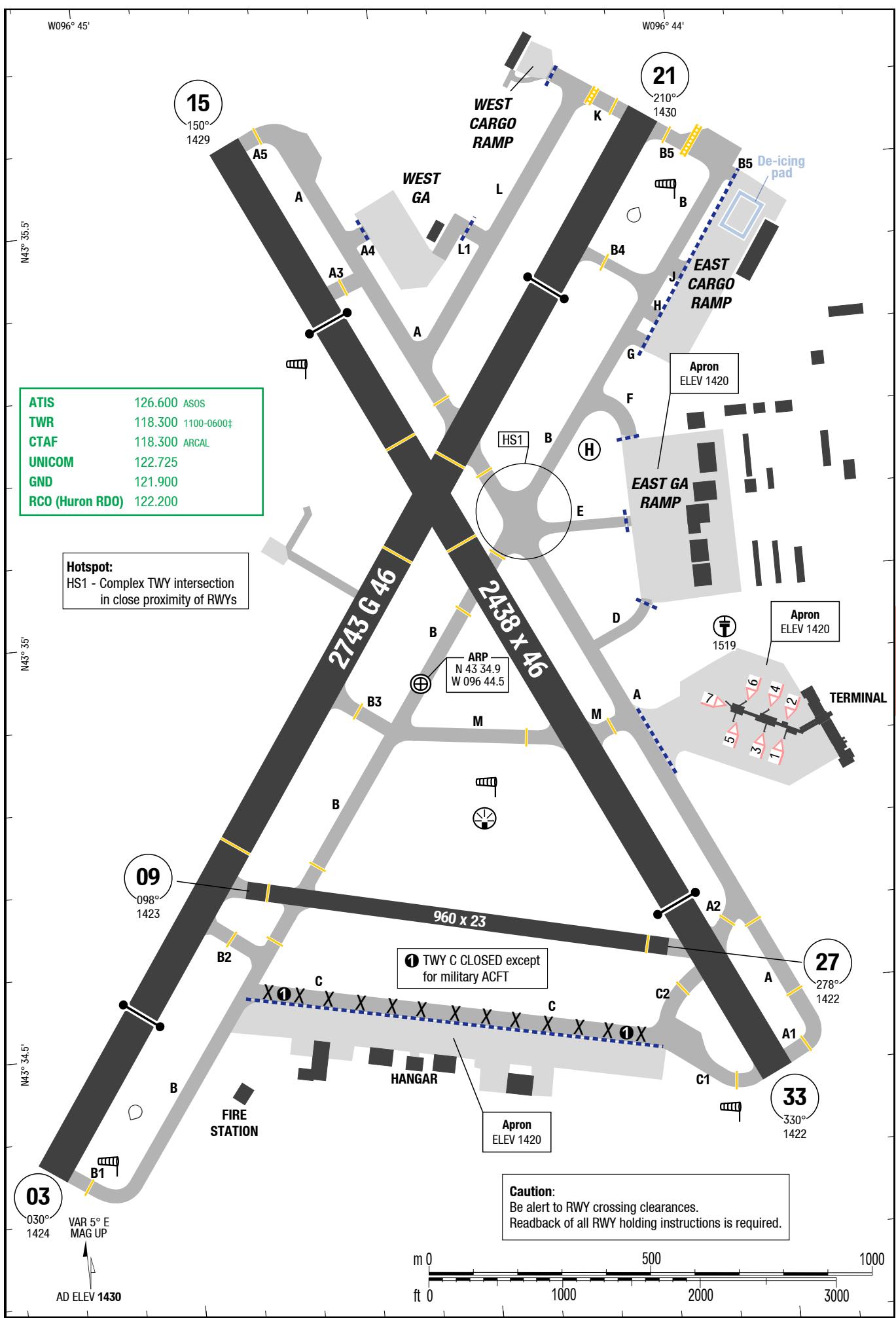
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30-NOV-2017

FSD-KFSD

United States Sioux Falls Joe Foss Fld  
3-20

AGC AGC  
AGC AGC  
AGC

Joe Foss Fld Sioux Falls United States



26-APR-2018/UFN

26-APR-2018

FSD-KFSD

## United States Sioux Falls Joe Foss Fld

3-21

Tempo AGC

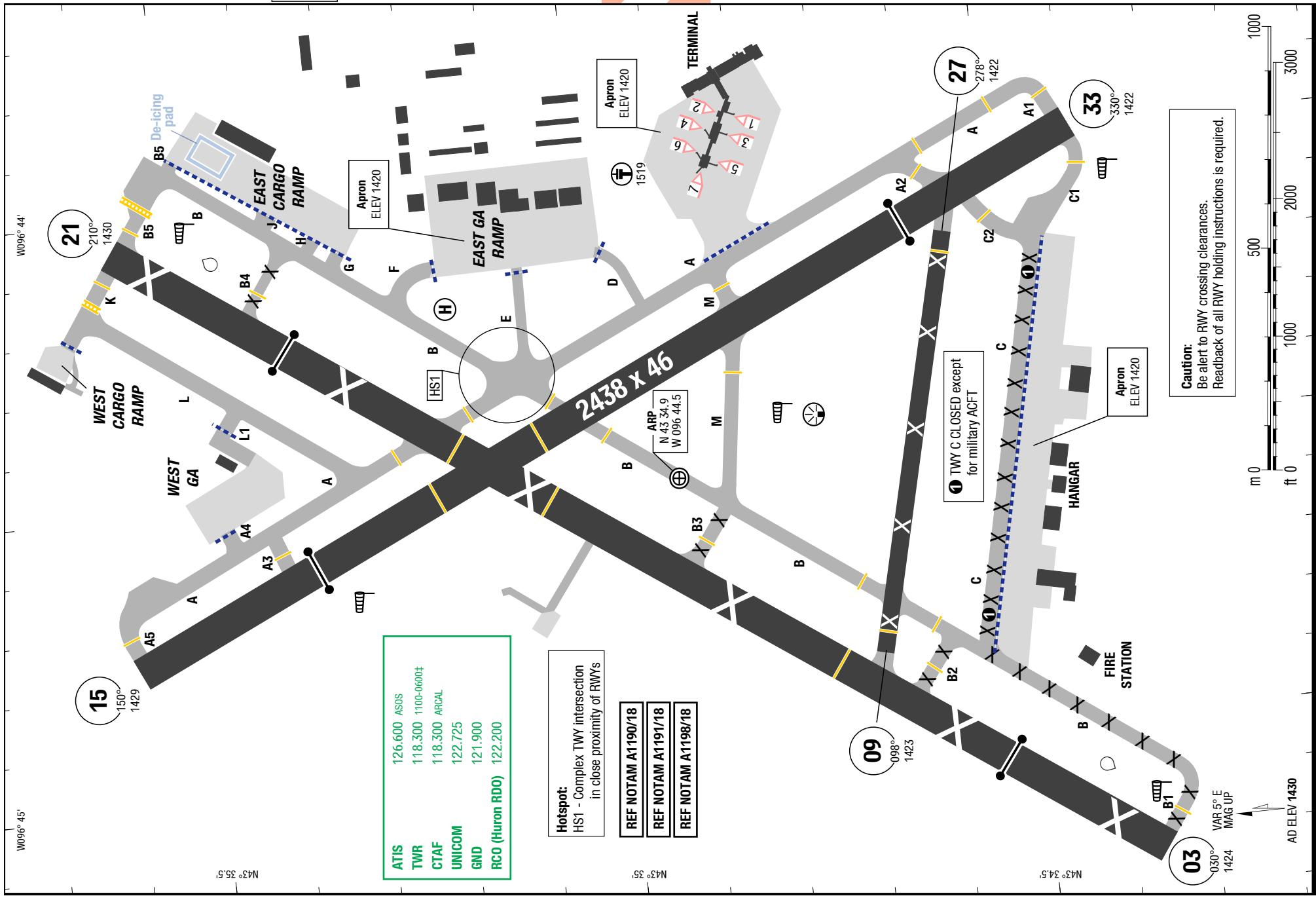
## Joe Foss Fld Sioux Falls United States

AGC

AGC

NIL

Tempo AGC



Changes: new

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30-NOV-2017

FSD-KFSD

United States Sioux Falls Joe Foss Fld

3-30

LVC RVR 1200ft to 600ft

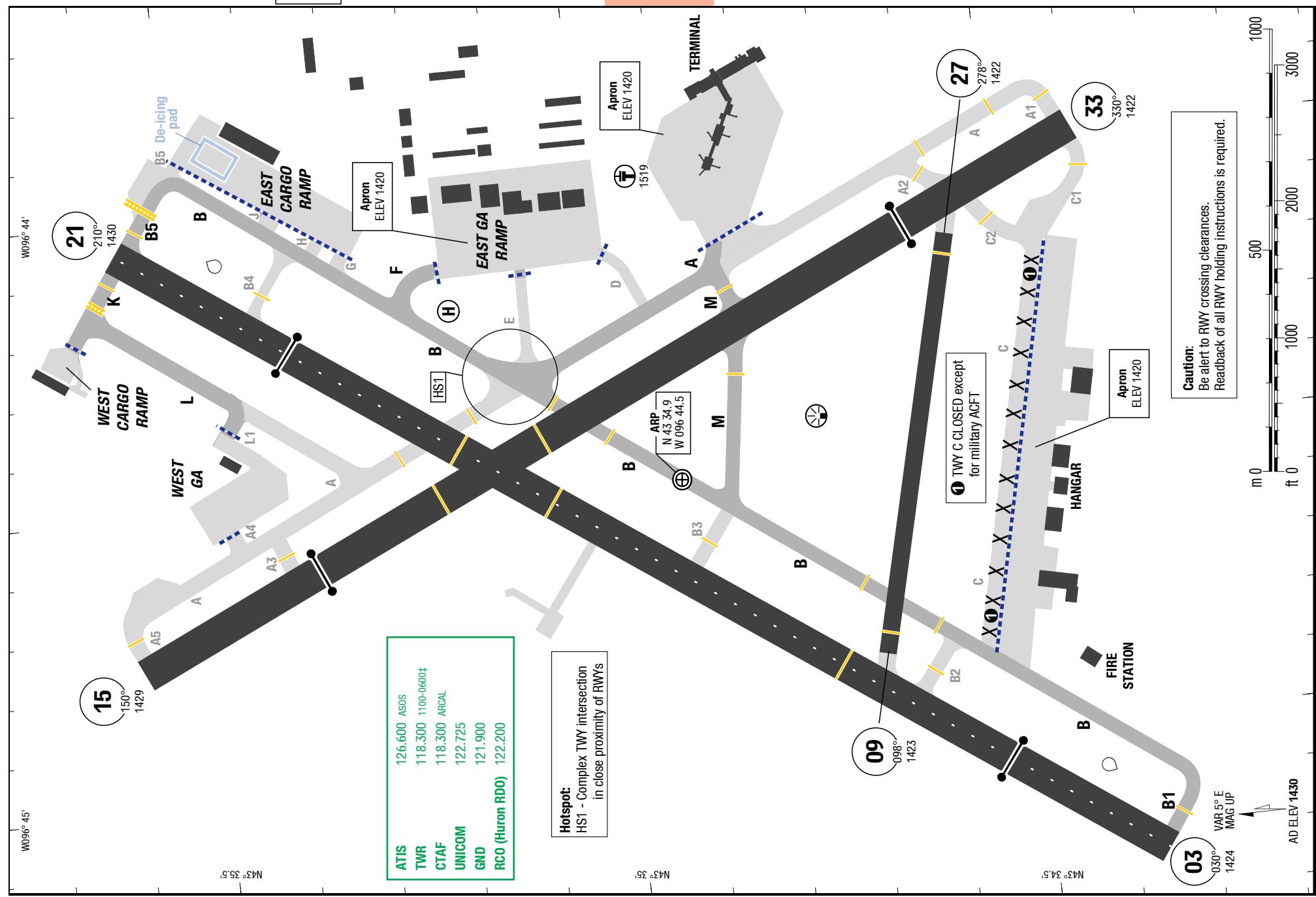
LVC

LVC

Joe Foss Fld Sioux Falls United States

NIL

LVC RVR 1200ft to 600ft



FSD-KFSD

5-10

Obstacle Departure 1

SIDPT

**Obstacle Departure**

RWY	Routing
03	Climb RWY HDG - at <b>2300</b> turn eastbound.
09	Climb RWY HDG - at <b>2000LT</b> direct <b>FSD</b> . Continue climb in HP (NW, LT 147° inbound) to cross <b>FSD</b> MNM MEA for flight.
15	Climb RWY HDG - at <b>2000RT</b> direct <b>FSD</b> . Continue climb in HP (NW, LT 147° inbound) to cross <b>FSD</b> MNM MEA for flight.
21	Climb RWY HDG - at <b>2200</b> turn eastbound.
27 / 33	Climb RWY HDG - at <b>2300</b> turn eastbound.

RWY	Notes
03	Vehicles on road 20ft from DER, 448ft left of centerline, 21ft AGL/1441ft MSL. Light support 24ft from DER, 85ft left of centerline, 11ft AGL/1431ft MSL. Trees beginning 1200ft from DER, 682ft left of centerline, up to 42ft AGL/1462ft MSL. Trees beginning 2085ft from DER, 908ft right of centerline, up to 64ft AGL/1493ft MSL.
09	Vehicles on road beginning 50ft from DER, 474ft left of centerline, 18ft AGL/1438ft MSL. Multiple poles beginning 1257ft from DER, 22ft left of centerline, up to 56ft AGL/1476ft MSL. Navaid and windsock beginning 324ft from DER, 460ft right of centerline, up to 13ft AGL/1433ft MSL. Multiple poles beginning 1806ft from DER, 136ft right of centerline, up to 55ft AGL/1475ft MSL. Crane, buildings, antenna on building, trees and multiple transmission towers beginning 1949ft from DER, 462ft right of centerline, up to 122ft AGL/1562ft MSL.
15	Light support 10ft from DER, 39ft left of centerline, 4ft AGL/1424ft MSL. Multiple poles, buildings, trees and transmission towers beginning 553ft from DER, 220ft left of centerline, up to 100ft AGL/1559ft MSL. Vehicles on road beginning 194ft from DER, 551ft right of centerline, 16ft AGL/1436ft MSL. Multiple poles and trees beginning 1330ft from DER, 19ft right of centerline, up to 88ft AGL/1536ft MSL.
21	Sign 7ft from DER, 304ft left of centerline, 6ft AGL/1426ft MSL. Vehicles on road 393ft from DER, 531ft left of centerline, 15ft AGL/1435ft MSL. Multiple trees beginning 866ft from DER, 149ft left of centerline, up to 100ft AGL/1529ft MSL. Vehicles on road 385ft from DER, 456ft right of centerline, 17ft AGL/1437ft MSL. Multiple trees beginning 424ft from DER, 25ft right of centerline, up to 84ft AGL/1504ft MSL.

**FSD-KFSD**

**5-20**

**Obstacle Departure 2**

SIDPT

**Obstacle Departure**

<b>RWY</b>	<b>Notes</b>
<b>27</b>	Sign 27ft from DER, 240ft right of centerline, 5ft AGL/1425ft MSL. Trees beginning 1423ft from DER, 793ft right of centerline, up to 76ft AGL/1496ft MSL. Navaids beginning 1818ft from DER, 831ft left of centerline, 50ft AGL/1471ft MSL. Trees beginning 2158ft from DER, 386ft left of centerline, up to 76ft AGL/1496ft MSL.
<b>33</b>	Navaid 34ft from DER, 115ft right of centerline, 11ft AGL/1431ft MSL. Multiple poles and trees beginning 3491ft from DER, 15ft right of centerline, up to 100ft AGL/1579ft MSL. Navaid 34ft from DER, 115ft left of centerline, 11ft AGL/1431ft MSL. Vehicles on road beginning 116ft from DER, 496ft left of centerline, 21ft AGL/1441ft MSL. Tank, navaids, poles, trees and towers beginning 2295ft from DER, 80ft left of centerline, up to 100ft AGL/1610ft MSL.

22-JUN-2017

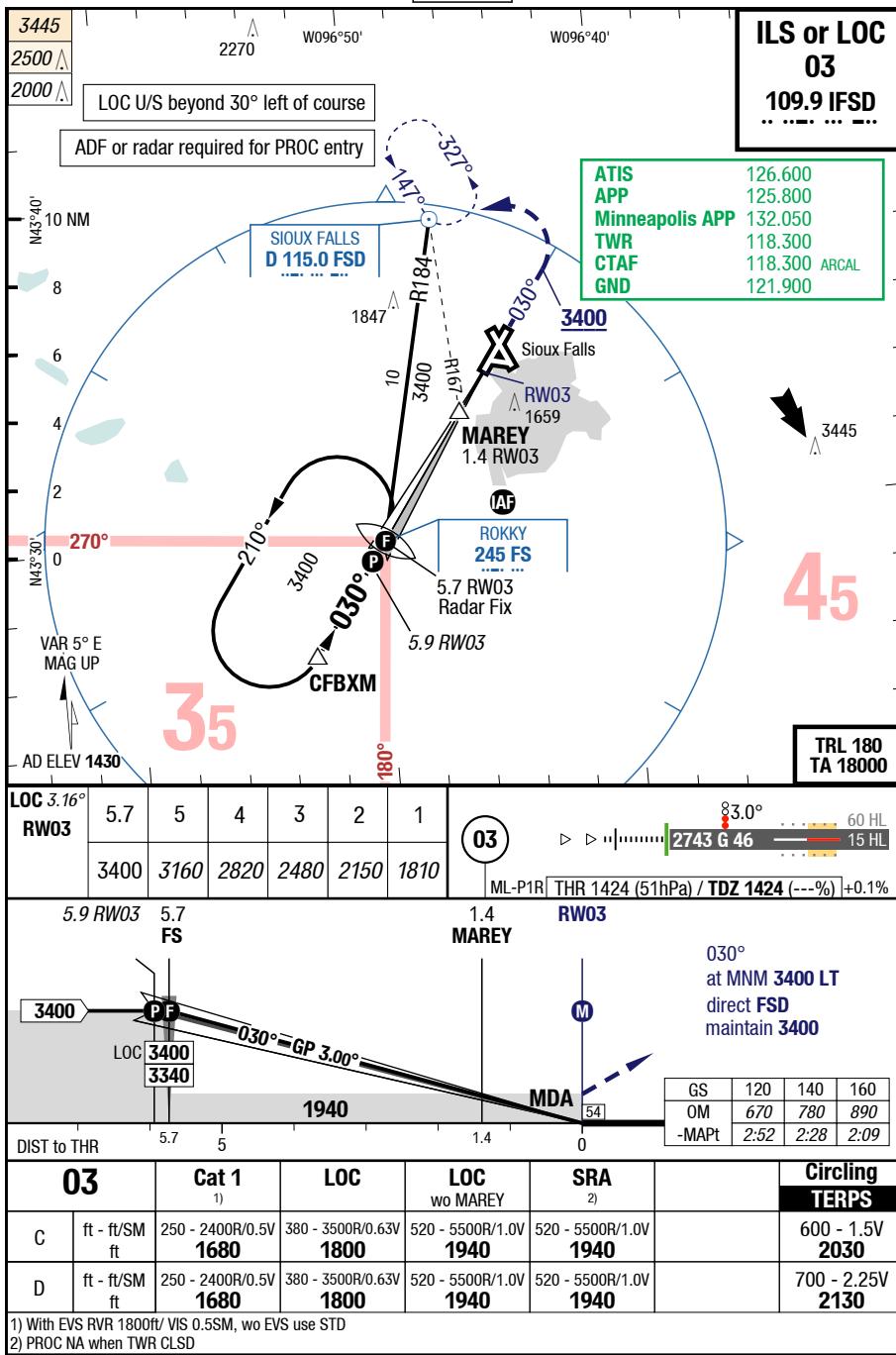
## United States Sioux Falls Joe Foss Fld

IAC

FSD-KFSD

7-10

ILS or LOC 03



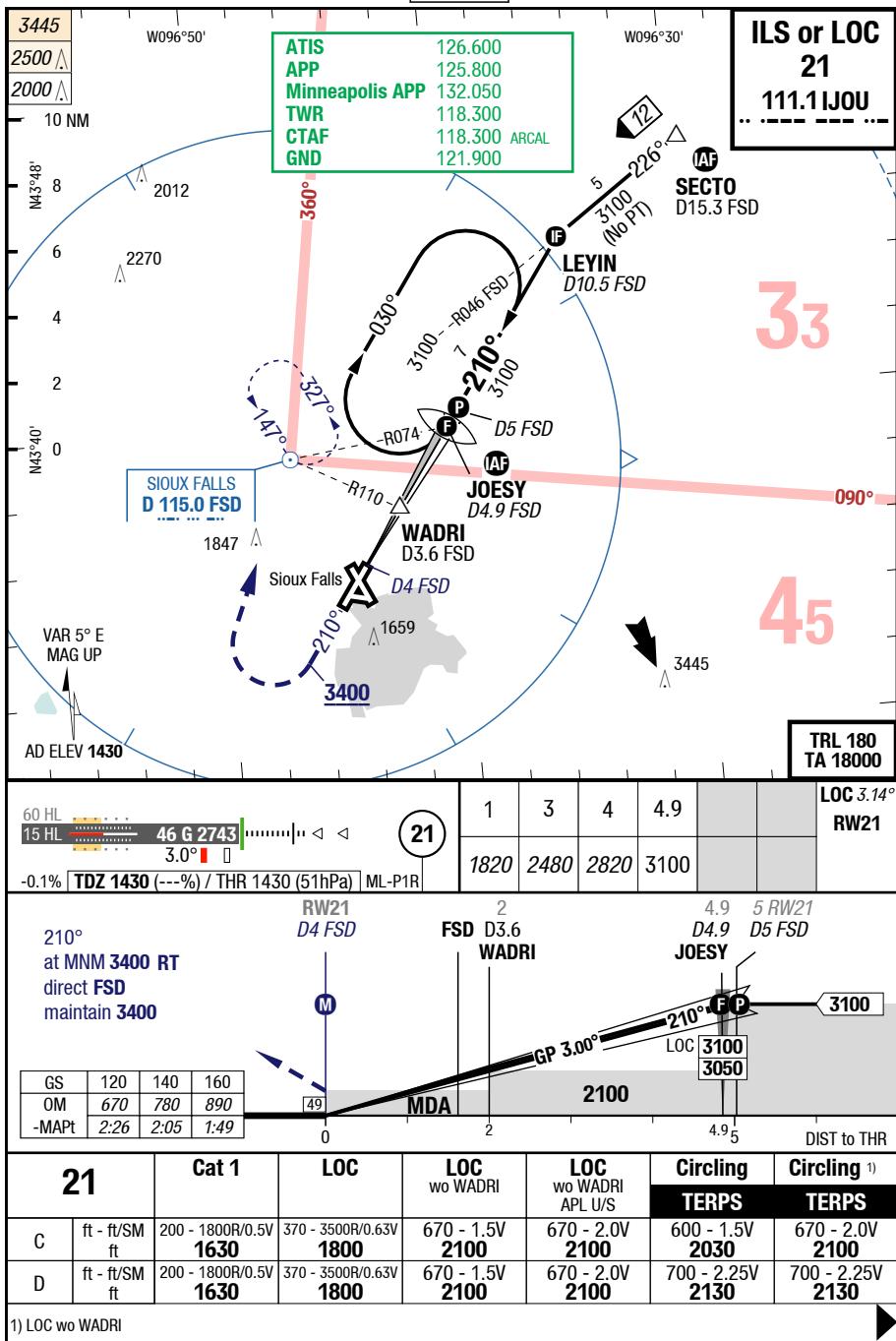
22-JUN-2017

FSD-KFSD

7-20

ILS or LOC 21

IAC



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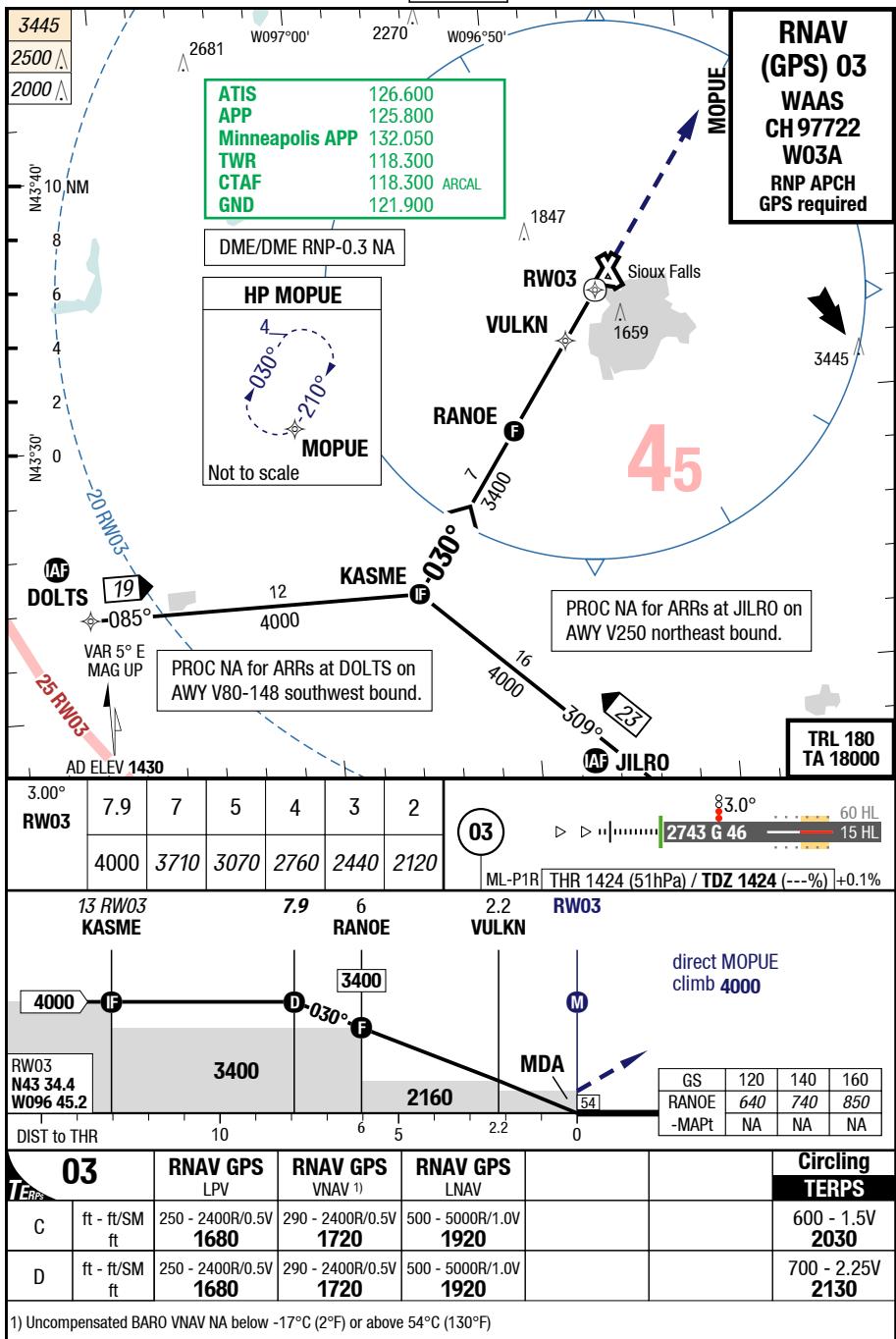
FSD-KFSD

United States Sioux Falls Joe Foss Fld

7-30

RNAV (GPS) 03

IAC



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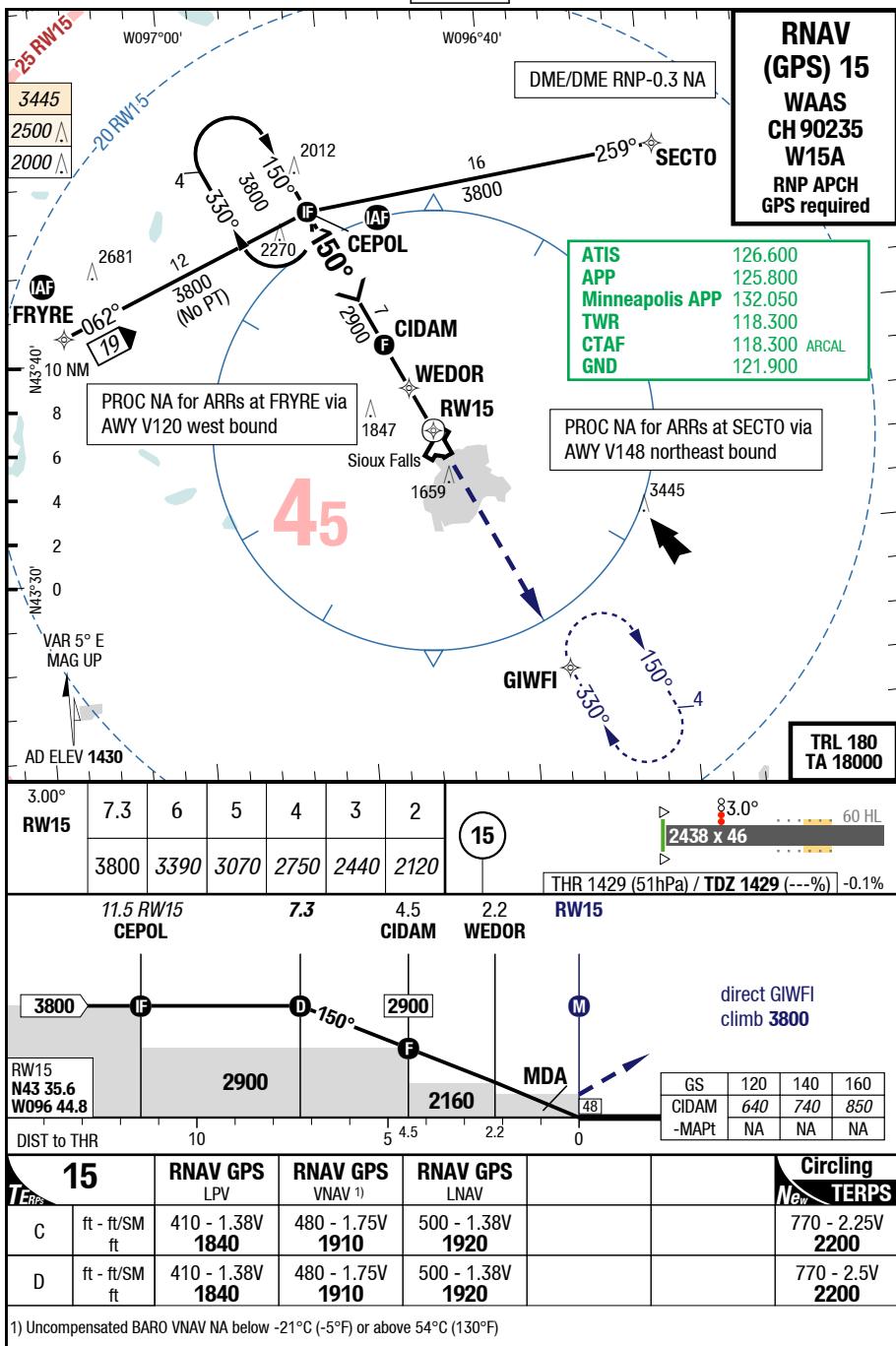
FSD-KFSD

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7-40

RNAV (GPS) 15

IAC



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FSD-KFSD

## United States Sioux Falls Joe Foss Flld

7-50

**RNAV (GPS) 21**

**RNAV (GPS) 21**  
WAAS  
CH 99323  
W21A  
RNP APCH  
GPS required

**ATIS** 126.600  
**APP** 125.800  
**Minneapolis APP** 132.050  
**TWR** 118.300  
**CTAF** 118.300 ARCAL  
**GND** 121.900

DME/DME RNP-0.3 NA

**TAA** 30NM MOPUE (no PT)

TRL 180  
TA 18000

60 HL	15 HL	46 G 2743	3.0°	21	2	3	4	5	6	7.9	3.00°
-0.1%	TDZ 1430 (---%) / THR 1430 (51hPa)	ML-P1R			2120	2440	2760	3080	3390	4000	RW21

**RW21** 2.6 RULYO 5.1 RAPNE 7.9 12.1 RW21 MOPUE

direct KASME climb 4000

**TERPs**

21			RNAV GPS LPV	RNAV GPS VNAV 1)	RNAV GPS LNAV			Circling $N_{Ew}$ TERPS
C	ft - ft/SM ft	200 - 1800R/0.5V <b>1630</b>	280 - 2400R/0.5V <b>1710</b>	390 - 3500R/0.63V <b>1820</b>				630 - 1.75V <b>2060</b>
D	ft - ft/SM ft	200 - 1800R/0.5V <b>1630</b>	280 - 2400R/0.5V <b>1710</b>	390 - 3500R/0.63V <b>1820</b>				770 - 2.5V <b>2200</b>

1) Uncompensated BARO VNAV NA below -22°C (-7°F) or above 54°C (130°F)

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## Changes: Completely revised

AMDT 2

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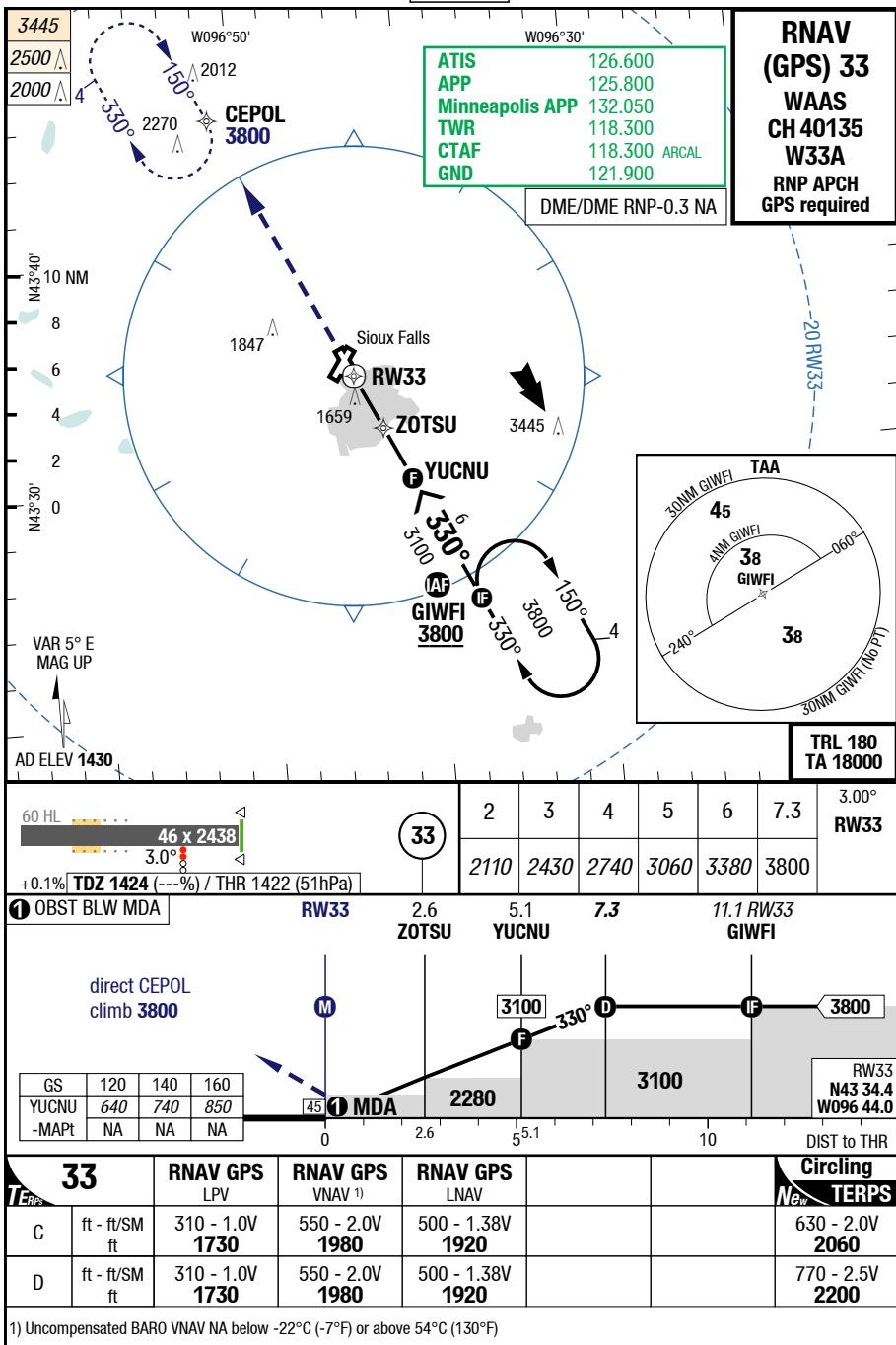
30-NOV-2017

## United States **Sioux Falls** Joe Foss Fld

FSD-KFSD

7-60

RNAV (GPS) 33



1) Uncompensated BARO VNAV NA below -22°C (-7°F) or above 54°C (130°F)

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30-NOV-2017

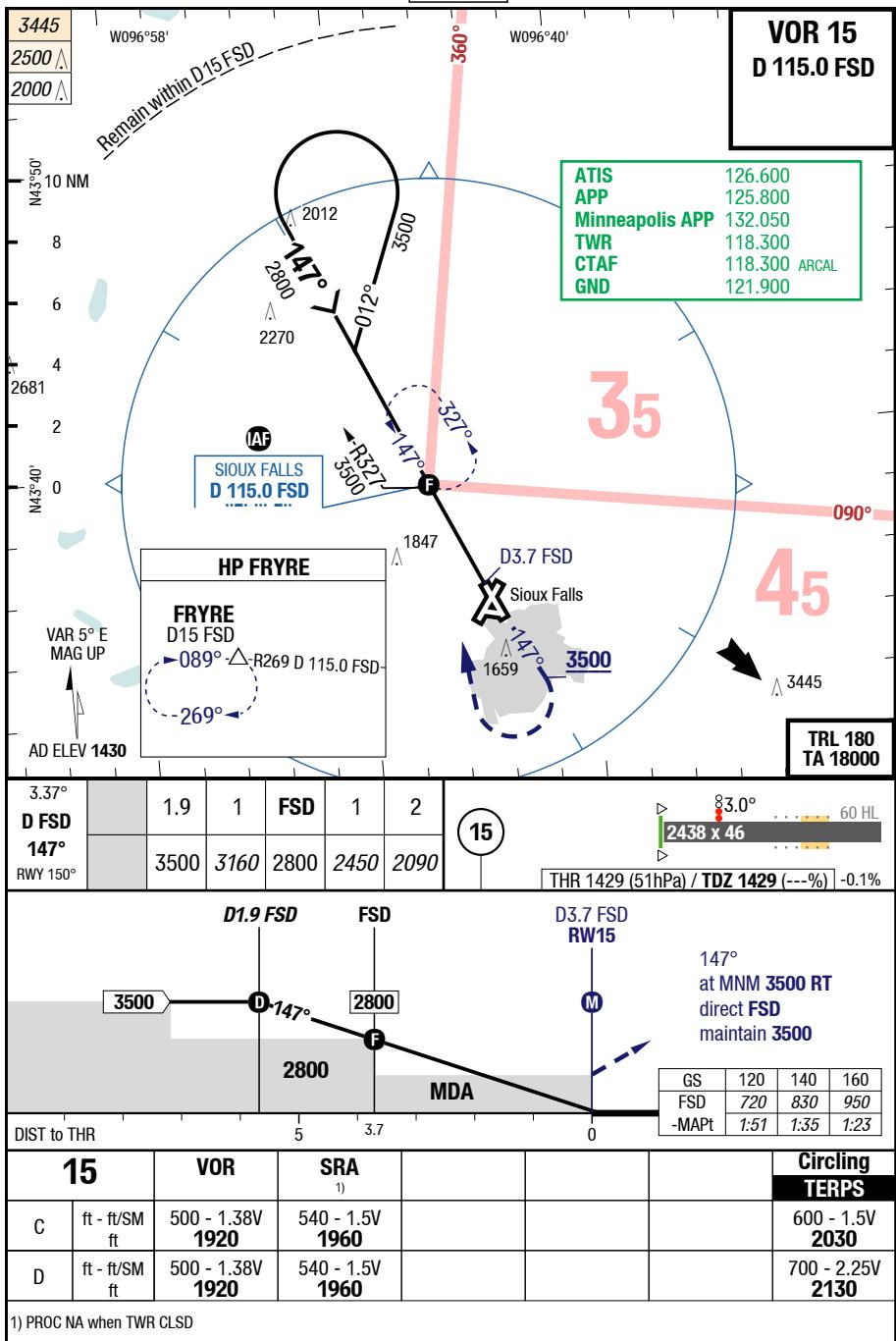
United States Sioux Falls Joe Foss Fld

IAC

## FSD-KFSD

7-70

## VOR 15



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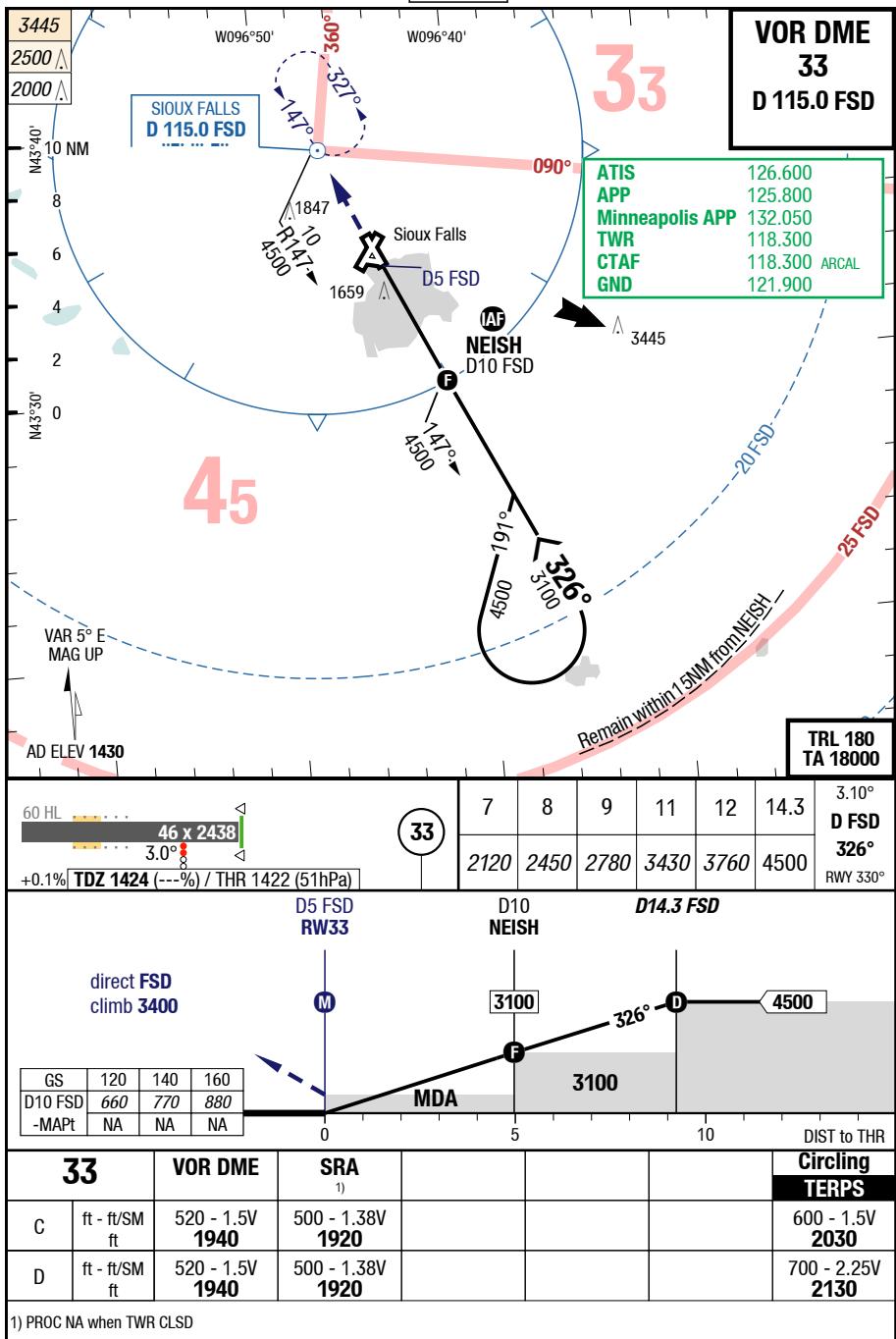
United States Sioux Falls Joe Foss Fld

IAC

FSD-KFSD

7-80

VOR DME 33



22-JUN-2017

**FSD-KFSD****7-90****WxMinima Overflow****IAC**

<b>21</b>		<b>SRA</b> 1)					
C	ft - ft/SM ft	530 - 5500R/1.0V <b>1960</b>					
D	ft - ft/SM ft	530 - 5500R/1.0V <b>1960</b>					

1) PROC NA when TWR CLSD