US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
AGUFY (IF/IAF)	NOCHE (FB)	309.16 / 5.85	3900
NOCHE (FAF)	ZELIK/3.00 NM TO RW31 (FB)	309.11 / 2.79	
ZELIK/3.00 NM TO RW31	RW31 (MAP) (FO)	309.11 / 3.00	
RW31 (MAP)	2275 MSL	309.11	
2275 MSL	DAFHY (FO)		4100

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW31

CLIMB TO 4100 DIRECT DAFHY AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SE AGUFY, RT, 309.16 INBOUND, 4100 FT. IN LIEU OF PT (IAF)
3. FAC: 309.11 FAF: NOCHE DIST FAF TO MAP: 5.79 THLD: 5.79
4. MIN. ALT: AGUFY 4100, NOCHE 3900, ZELIK/3.00 NM TO RW31 3000*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3900 GS ALT AT: NOCHE 3900 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 32.2 34:1 IS CLEAR
8. MSA FROM:

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 128.90 INBOUND.
CHART FAS OBST: 2160 TWR 432222N/0994944W
DISTANCE TO THLD FROM 250 HAT: 0.69 NM.
CHART VDP AT 1.14 MILES TO RW31*
*LNAV ONLY.
WAAS CHANNEL # 97612
REFERENCE PATH ID: W31A
CHART CIRCLING ICON.
LTP HAE: 591.7 M

MAG VAR: 6E EPOCH YEAR: 2010

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	2275	1	250	2275	1	250	2275	1	250		NA				
LNAV/VNAV DA	2310	1	285	2310	1	285	2310	1	285		NA				
LNAV MDA	2420	1	395	2420	1	395	2420	1 1/8	395		NA				
CIRCLING	2580	1	548	2680	1	648	2680	1 3/4	648		NA				

NOTES:
CHART NOTE: CIRCLING NA TO RWYS 3 AND 21.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -24C (-11F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
(CONTINUED ON PAGE 2)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 18 CHECKED

CITY AND STATE	ELEVATION: 2032 TDZE: 2025 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
WINNER, SD	WINNER RGNL	RNAV	RNAV (GPS) RWY 31, AMDT 1 21 JULY 2016	AMDT: ORIG-A DATED 04/04/2013

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NOTES, (CONT.):
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING VALENTINE ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE VALENTINE, NE ALTIMETER SETTING AND INCREASE LPV DA TO 2514, LNAV/VNAV DA TO 2549 AND ALL VISIBILITIES 7/8 MILE. INCREASE ALL MDA 240 FEET; INCREASE CAT B VISIBILITY 1/4 MILE AND CAT C 1 MILE.

TAA

	FROM	TO	ALT
1.	219/30 CW 039/30 (NOPT)	AGUFY (IF/IAF) (FB)	4100
2.	039/30 CW 219/30	AGUFY (IF/IAF) (FO)	4200

QUALITY 18 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
WINNER, SD	**ELEVATION: 2032** **TDZE: 2025** AIRPORT NAME: **WINNER RGNL**	**RNAV**	**RNAV (GPS) RWY 31, AMDT 1** 21 JULY 2016	SUP: AMDT: **ORIG-A** DATED: **04/04/2013**

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KICR
RUNWAY	RW31
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W31A
LTP/FTP LATITUDE	432300.3000N
LTP/FTP LONGITUDE	0994957.5570W
LTP/FTP ELLIPSOIDAL HEIGHT	+05917
FPAP LATITUDE	432403.3605N
FPAP LONGITUDE	0995123.9030W
THRESHOLD CROSSING HEIGHT (TCH)	00032.2
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	0F9B00AA

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+06171
FPAP ORTHOMETRIC HEIGHT	+06171

QUALITY 18 CHECKED

ARINC SUMMARY - KICR

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
AGUFY	010	AGUFY	HF	FO		309.2			R			AA 04100		EE A
	010	AGUFY	IF	FB								AA 04100		E I
	020	NOCHE	TF	FB	1.0	309.2						AA 03900		E F
	021	ZELIK	TF	FB	0.3	309.1		3.00				AA 03000 GS 03011		E S
	030	RW31	TF	FO	0.3	309.1		3.00				AT 02057		GY M
	040		CA	FB		309.1						AA 02225		M
	050	DAFHY	DF	FO								AA 04100		EY
	060	DAFHY	HM	FO		128.9			R			AA 04100		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
AGUFY	N431445.65	W0993842.63
DAFHY	N433146.43	W1000200.52
NOCHE	N431854.36	W0994421.52
ZELIK	N432052.85	W0994703.27

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW31	N432300.30	W0994957.56	02025	32.2

QUALITY 18 CHECKED