

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.33**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated.  
Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or feet RVR.

<b>AIRPORT</b>	<b>AIRPORT ID</b>	<b>PROCEDURE NAME</b>	<b>ORIGINAL/AMENDMENT</b>	<b>CITY</b>	<b>STATE</b>
	9Y1	RNAV (GPS) RWY 13	ORIG	KILLDEER	ND
<b>AIRPORT ELEVATION</b>	<b>TDZE</b>	<b>SUPERSEDED</b>	<b>ORIGINAL/AMENDMENT</b>	<b>DATED</b>	<b>MAG VAR</b>
2249	2249				7E
<b>FACILITY</b>	<b>COORDINATES OF FACILITIES</b>	<b>ACTUAL EFFECTIVE DATE</b>	<b>REQUIRED EFFECTIVE DATE</b>		<b>EPOCH YEAR</b>
RNAV		28 JANUARY 2021	ROUTINE		2020

**TAA**

<b>FROM</b>	<b>FIX TYPE</b>	<b>TO</b>	<b>FIX TYPE</b>	<b>ALTITUDE</b>
1. 036/30 CW 217/30	NOPT	JURMI	IF/IAF	4800
2. 217/30 CW 036/30		JURMI	IF/IAF	4800

**TERMINAL ROUTES**

<b>FROM</b>	<b>FIX TYPE</b>	<b>TO</b>	<b>FIX TYPE</b>	<b>LEG TYPE</b>	<b>FO/FB</b>	<b>RNP</b>	<b>COURSE</b>	<b>DISTANCE</b>	<b>ALTITUDE</b>
JURMI	IF/IAF	ZALSU		TF	FB		126.31	5.96	4700
ZALSU	FAF	CAREV/5.20 NM TO RW13		TF	FB		126.39	2.39	
CAREV/5.20 NM TO RW13	SDF	HIDUD/2.60 NM TO RW13		TF	FB		126.39	2.60	
HIDUD/2.60 NM TO RW13	SDF	RW13	MAP	TF	FO		126.39	2.60	
RW13	MAP	2649 MSL		CA			126.39		
2649 MSL		WENEK		DF	FO				4800

**MISSED APPROACH**

**MAP:**

LNAV: RW13

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 4800 DIRECT WENEK AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):**

**PROFILE:**

1. PT      **SIDE OF COURSE**      **OUTBOUND**      **FT WITHIN**      **MILES OF**      **(IAF)**
2. HOLD NW JURMI, RT, 126.31 INBOUND, 4800 FT. IN LIEU OF PT (IAF), MAX 6000.
3. **FAC:** 126.39      **FAF:** ZALSU      **DIST FAF TO MAP:** 7.59      **DIST FAF TO THLD:** 7.59
4. **MIN ALT:** JURMI 4800, ZALSU 4700, CAREV/5.20 NM TO RW13 3940, HIDUD/2.60 NM TO RW13 3100
5. **DIST TO THLD FROM FAF:**      **MM:**      **IM:**      **150 HAT:**      **HAT:**

6. MIN GP INCPT:      GP ALT AT FAF:      MM:      IM:  
7. GP ANGLE:      34:1: IS CLEAR      20:1: IS CLEAR      TCH: 35  
8. MSA FROM:

**PBN EQUIPMENT REQUIREMENTS NOTES:**

RNP APCH

**NOTES:**

CHART NOTE: USE WATFORD CITY ALTIMETER SETTING, WHEN NOT RECEIVED, USE DICKINSON ALTIMETER SETTING: INCREASE ALL MDAS 40 FEET AND CAT C VISIBILITY 1/8 SM. INCREASE CIRCLING VISIBILITY CAT C 1/4 SM.  
CHART COLD WEATHER ICON: -28C/-18F INTERMEDIATE

**ADDITIONAL FLIGHT DATA:**

HOLD SE, RT 306.62 INBOUND  
CHART FAS OBST: 2472 T-L TWR 472449N/1024856W  
FAS OBST: 3439 AAO 472815N/1025407W, 2699 AAO 472651N/1025126W  
CHART: 3492 TWR 473017N/1025322W, 2520 TWR 472138N/1024355W  
ZALSU TO RW13: 3.00/35  
CHART CIRCLING ICON  
NON-FAA PROCEDURE

**MINIMUMS:**

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA

**CATEGORY:**

<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>A VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>B VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>C VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>D VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>E VIS</u>	<u>HAT/HAA</u>
LNAV MDA	2820	1	571	2820	1	571	2820	1 5/8	571		NA				
CIRCLING	2880	1	631	2900	1	651	2960	2	711		NA				


**CHANGES - REASONS**

ORIG

**COORDINATED WITH:**

A4A    
 ALPA    
 AOPA    
 APA    
 HAI    
 NBAA    
 OTHER: ZMP, AMGR, N.D. DEPT OF AERONAUTICS

**FLIGHT CHECKED BY**

CHRISTIAN F. BAUR

Chris Baur Digitally signed by Chris Baur  
Date: 2020.11.03 11:10:13 -05'00'

**OFFICE**

HAC

**DATE**

08/10/2020

**DEVELOPED BY**

BRIAN BERUBEE

Brian Berubee Digitally signed by Brian Berubee  
Date: 2020.11.03 11:10:41 -05'00'

**OFFICE**

HAC

**DATE**

07/02/2020

**APPROVED BY**

BRIAN BERUBEE

Brian Berubee Digitally signed by Brian Berubee  
Date: 2020.11.03 11:11:05 -05'00'

**OFFICE**

HAC

**DATE**

09/18/2020

**TITLE**

CHIEF DESIGNER