

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) 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.

<u>AIRPORT ID</u> KRVF	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 35	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> TWIN BRIDGES	<u>STATE</u> MT		
<u>AIRPORT ELEVATION</u> 4789	<u>TDZE</u> 4774	<u>SUPERSEDED</u> RNAV (GPS) RWY 35	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>DATED</u> 12/31/2020	<u>MAG VAR</u> 12E	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
DLN VOR/DME	IAF	FELIK		TF	FB	1.00	047.88	8.94	7600
FELIK	IF	GNARS		TF	FB	1.00	007.49	4.22	7500
GNARS		DURPE		TF	FB	1.00	007.65	2.02	6860
DURPE	FAF	ERUTE/2.93 NM TO RW35		TF	FB	0.30	353.42	3.52	
ERUTE/2.93 NM TO RW35		RW35	MAP	TF	FO	0.30	353.42	2.93	
RW35	MAP	5500 MSL		CA			353.42		5500
5500 MSL		DLN VOR/DME		DF	FO	1.00			11100

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW35

MISSED APPROACH INSTRUCTIONS:

(DO NOT EXCEED 185 KIAS UNTIL DLN VOR/DME) CLIMB TO 5500 THEN CLIMBING LEFT TURN TO 11100 DIRECT DLN VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 11100.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. PROFILE STARTS AT FELIK

3. FAC:

353.42

FAF: DURPE

DIST FAF TO MAP: 6.45

DIST FAF TO THLD: 6.45

4. MIN ALT: FELIK 7600, GNARS 7500, DURPE 6860, ERUTE/2.93 NM TO RW35 5740

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

250 HAT: 0.69

GS ANT:

6. MIN GP INCPT:

6860

GP ALT AT PFAF :

DURPE 6860

OM:

MM:

IM:

7. GP ANGLE:

3.00

34:1: IS CLEAR

20:1: IS CLEAR

TCH: 45.0

8. MSA FROM: RW35 12400

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 7 AND 25.
CHART NOTE: CIRCLING NA E OF RWY 17-35.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -24°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON DLN VOR/DME AIRWAY RADIALS 332 CW 005.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 016.25 INBOUND.
CHART FAS OBST: 4903 TREE 453136N/1121712W.
5440 AAO 452447N/1121727W.
CHART VDP AT 1.76 NM TO RW35.
WAAS CHANNEL # 42940
REFERENCE PATH ID: W35A
CHART CIRCLING ICON.
CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 3.00 DEGREES.
LTP HAE: 1439.3 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/4, NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA	5024	1	250	5024	1	250	5024	1	250	5024	1	250		QUALITY 10 CHECKED	
LNAV/VNAV DA	5196	1 1/4	422	5196	1 1/4	422	5196	1 1/4	422	5196	1 1/4	422			
LNAV MDA	5360	1	586	5360	1	586	5360	1 3/4	586	5360	1 3/4	586			
CIRCLING	5360	1	571	5360	1	571	5360	1 3/4	571	5460	2 1/4	671			

CHANGES - REASONS

1. TERMINAL ROUTES: UPDATED "GNARS TO DURPE" DISTANCE FROM "2.21" TO "2.02" AND COURSE FROM "007.51" TO "007.65" - UPDATED PFAF LOCATION USING VGSI GPA AND TCH PER FPT REQUEST.
2. TERMINAL ROUTES: UPDATED FROM "DURPE TO ERUTE/2.10NM TO CAVUL" TO "DURPE TO ERUTE/2.93NM TO RW35" DISTANCE FROM "3.37" TO "3.52" UPDATED PFAF AND SDF LOCATION USING VGSI GPA AND TCH PER FPT REQUEST.
3. TERMINAL ROUTES: UPDATED TO "ERUTE/2.93NM TO RW35" DISTANCE FROM "2.10" TO "2.93"- UPDATED PFAF AND SDF LOCATION USING VGSI GPA AND TCH PER FPT REQUEST.
4. TERMINAL ROUTES: UPDATED "RW35 TO 5500 MSL" - RELOCATED FAF AND SDF, UPDATED FAC.
5. MISSED APPROACH: CHANGED LNAV MAP FROM "CAVUL" TO "RW35"- PER FPT REQUEST.
6. PROFILE LINE 3: UPDATED DIST FAF TO MAP AND DIST FAF TO THLD FROM "5.47" AND "6.26" TO "6.45" - NEW PFAF AND SDF LOCATIONS USING VGSI GPA AND TCH PER FPT REQUEST.
7. PROFILE LINE 4: UPDATED MIN ALT FROM "FELIK 7600, GNARS 7300, DURPE 6800, ERUTE/2.10 NM TO CAVUL 5720*" TO "FELIK 7600, GNARS 7500, DURPE 6860, ERUTE/2.87 NM TO RW35 5740" - UPDATED OBSTACLE SURVEY/NEW TARGETS EVALUATION.
8. PROFILE LINE 5: CHANGED "346 HAT: 0.99" TO "250 HAT" 0.69" - IAW 8260.19I 8-6-7 E(3).
9. PROFILE LINE 6: UPDATED MIN GP INCPT AND GP ALT AT PFAF FROM "6800" TO "6860" - IAW 8260.19I 8-6-7 F.
10. PBN REQUIREMENTS NOTE: UPDATED FROM "RNP APCH" TO "RNP APCH - GPS" - IAW 8260.19I 8-6-8 B(2).
11. NOTES: ADDED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON DLN VOR/DME AIRWAY RADIALS 332 CW 005" - IAW 8260.3E 2-3-1 A, 8260.19I 8-2-5 E.
12. ADDITIONAL FLIGHT DATA: UPDATED CHART FAS OBST FROM "4979 TREE 453135N/1121715W" TO "4903 TREE 453136N/1121712W" - UPDATED OBSTACLE SURVEY/NEW TARGETS EVALUATION.
13. ADDITIONAL FLIGHT DATA: UPDATED FROM "CHART VDP AT 0.90 NM TO CAVUL" TO "CHART VDP AT 1.76 NM TO RW35" - UPDATED FAC IAW 8260.3E 2-6-5 A, 8260.19I 8-6-10 M.
14. ADDITIONAL FLIGHT DATA: REMOVED "FAC CROSSES RWY C/L EXTENDED 4839 FT FROM THLD" - UPDATED FAC.
15. ADDITIONAL FLIGHT DATA: REMOVED NOTE "LNAV ONLY" - NO LONGER REQUIRED IAW 8260.19I 8-6-9 A(4).
16. ADDITIONAL FLIGHT DATA: REMOVED NOTE "FICTITIOUS THRESHOLD POINT (CFVBX) DO NOT CHART" - UPDATED MAP TO LTP.
17. ADDITIONAL FLIGHT DATA: ADDED "5440 AAO 452447N/1121727W" - ADDED 7:1 OBST IAW 8260.19I 8-6-10 E.
18. MINIMUMS: UPDATED LPV MINS CATS A/B/C/D DA/HAT FROM "5120/346" TO "5024/250" - UPDATED OBSTACLE SURVEY/NEW TARGETS EVALUATION.
19. MINIMUMS: UPDATED LNAV/VNAV MINS CATS A/B/C/D DA/HAT FROM "5270/496" TO "5196/422" AND VIS FROM "1 3/8" TO 1 1/4" - UPDATED OBSTACLE SURVEY/NEW TARGETS EVALUATION.
20. MINIMUMS: UPDATED LNAV MINS CATS A/B/C/D DA/HAT FROM "5340/566" TO "5360/586" AND CAT C/D VIS FROM "1 5/8" TO 1 3/4" - UPDATED OBSTACLE SURVEY/NEW TARGETS EVALUATION.
21. MINIMUMS: UPDATED CIRCLING MINS CATS A/B/C/D MDA/HAA FROM "5400/611," "5440/651," "5480/691," AND "5620/831" TO CATS A/B/C "5360/571" AND CAT D "5460/671" - UPDATED OBSTACLE SURVEY/NEW TARGETS EVALUATION.
22. MINIMUMS: UPDATED CIRCLING CATS A/B/C/D VIS FROM "1 1/2/2 3/4" TO CATS A/B "1," CAT C "1 3/4" AND CAT D "2 1/4" - UPDATED OBSTACLE SURVEY/NEW TARGETS EVALUATION.
23. UPDATED CRC REMAINDER FROM "3BC64F5D" TO "C6FD7CE3," FTP/LTP LAT LONGS FROM "453141.3990N/1121758.5170W" TO "453141.6345N/112182.0515W" AND FPAP LAT/LONGS FROM "453310.0805N/1121746.5190W" TO "453310.3160N/ 1121750.0420W" - CHANGED FTP TO LTP.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HA1** ☐ **NBAA** ☒ **OTHER:** ZLC, AMGR

FLIGHT CHECKED BY

GARY J VEER

Digitally signed by

JASON KRETSCHMER

Mar 01, 2022

OFFICE

FPO

DATE

02/28/2022

DEVELOPED BY

JASON KRETSCHMER (JUDITH TUTTLE)

Digitally signed by

JASON KRETSCHMER

Feb 07, 2022

OFFICE

AJV-A421

DATE

01/13/2022

APPROVED BY

MARLON ROBINSON

Digitally signed by

JASON KRETSCHMER

Feb 07, 2022

OFFICE

AJV-A422

DATE

TITLE
MANAGER

QUALITY
10
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KRVF
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	453141.6345N
LTP/FTP LONGITUDE	1121802.0515W
LTP/FTP ELLIPSOIDAL HEIGHT	+14393
FPAP LATITUDE	453310.3160N
FPAP LONGITUDE	1121750.0420W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	C6FD7CE3

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+14509
FPAP ORTHOMETRIC HEIGHT	+14509



FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

<u>AIRPORT ID</u> KRVF	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 35	<u>AMDT NO.</u> 1	<u>CITY</u> TWIN BRIDGES	<u>STATE</u> MT	<u>AIRPORT ELEVATION</u> 4789	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM
DLN VOR/DME

TO
FELIK

<u>RNP</u>	<u>DISTANCE</u> 8.94	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	451800.00N/1121951.00W		6231	164	98	4E	1000				PR180 AT189	7600
TERRAIN	451800.00N/1121951.00W		6030 (6000)								AS1500	7500

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM
FELIK

TO
GNARS

<u>RNP</u>	<u>DISTANCE</u> 4.22	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	541821.00N/1121815.00W		6969	164	98	4E	500				AC98 SA-551 PR230 AT254	7500
TERRAIN	451839.00N/1121915.00W		6000 (6000)								AS1000	7000

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INTERMEDIATE: STEPDOWN

FROM
GNARS

TO
DURPE

RNP	DISTANCE 2.02	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	452154.00N/1121736.00W		6037	164	98	4E	500				AC98 PR220	6860
TERRAIN	452245.00N/1121712.00W		5748 (5700)								AS1000	6700

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

FINAL: LPV

FROM
DURPE

TO
RW35

RNP	DISTANCE 6.45	PAT	MAP DA	HAT 250			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				5024

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



FINAL: LNAV/VNAV

FROM

DURPE

TO

RW35

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	6.45		DA		422							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE	453136.00N/1121712.00W		4903	164	98	4E	161				AC98 MA34	5196

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

FINAL: LNAV

FROM

DURPE

TO

ERUTE/2.93 NM TO RW35

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	3.52											
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	452552.07N/1121755.79W		5340	50	20	2C	250				RA110 XL23	5740

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



FINAL: LNAV STEPDOWN

FROM

ERUTE/2.93 NM TO RW35

TO

RW35

<u>RNP</u>	<u>DISTANCE</u> 2.93	<u>PAT</u>	<u>MAP</u> RW35	<u>HAT</u> 586			<u>HMAS</u>					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TREE	453136.00N/1121712.00W		4903	164	98	4E	250				AC98 MA109	5360

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

MISSED APPROACH : LPV

FROM

DA

TO

DLN VOR/DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u> 4831					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
								ASC				11100
AAO	453618.00N/1122321.00W		5752	164	98	4E	1000				PR90	6900
TERRAIN	453618.00N/1122321.00W		5551 (5600)								AS1500	7100

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



MISSED APPROACH : LNAV/VNAV

FROM
DA

TO
DLN VOR/DME

RNP	DISTANCE	PAT	MAP	HAT			HMAS 5035					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (30-020213)	453324.56N/1121628.94W		5264	20	3	1A		ASC				11100
AAO	453618.00N/1122321.00W		5752	164	98	4E	1000				PR90	6900
TERRAIN	453618.00N/1122321.00W		5551 (5600)								AS1500	7100

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

MISSED APPROACH : LNAV

FROM
RW35

TO
DLN VOR/DME

RNP	DISTANCE	PAT	MAP	HAT			HMAS 5260					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (30-020213)	453324.56N/1121628.94W		5264	20	3	1A		ASC				11100
AAO	453618.00N/1122321.00W		5752	164	98	4E	1000				PR90	6900
TERRAIN	453618.00N/1122321.00W		5551 (5600)								AS1500	7100

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☒ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
TERRAIN (30-048994)	453339.63N/1121746.54W	1.39	571	4839	20	3	1A	300		SI	5360
CATEGORY B											
TERRAIN (30-048994)	453339.63N/1121746.54W	1.99	571	4839	20	3	1A	300		SI	5360
CATEGORY C											
TREE	453227.00N/1122309.00W	3.14	571	4883	164	98	4E	300		SI	5360
CATEGORY D											
AAO	453406.73N/1122344.43W	4.12	671	5160	50	20	2C	300			5460

CIRCLING REMARKS:

MSA

CENTER
RW35

RADIUS
25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	AAO	452848.00N/1125754.00W	252	28.2	11355	164	98	4E	1000			12400

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
ZLC ARTCC, GTF FSS

<u>WX SERVICE</u> AWOS-3PT	<u>LOCATION</u> KRVF	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KRVF	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> ASOS	<u>LOCATION</u> KDLN	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KDLN	<u>DISTANCE</u> 19.86	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 110

WX REMARKS:
RASS PRESSURE PATTERNS THE SAME
KRVF 4789, KDLN 5245
RA = 109.6.

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>		<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW17 - MIRL (PCL), PAPI-2L (PCL)		NPI-G	
RW35 - MIRL (PCL), PAPI-2L (PCL)		NPI-G	

<u>GLIDESLOPE ANGLE</u> 3.00	<u>ELEV RWY THRESHOLD</u> 4760.2	<u>TCH</u> 45.0	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 3.00	<u>TCH</u> 37.6
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u> -24C	<u>CRITICAL HIGH</u> +54C	<u>ACT</u> -24C	<u>APT ISA</u> +5.52C
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CRITICAL TEMPERATURE REMARKS:
AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 1022 HIGH TEMP 1349.

"VISUAL PORTION OF FINAL" PENETRATIONS

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS



and/or
5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

VEGETATION HEIGHT OF 50 FT USED PER FPT.

CIRCLING NA E OF RWY 17-35 PER FLIGHT INSPECTION.

CIRCLING NA TO RWYS 7 AND 25 - RWY 7/25 TURF-DIRT THAT IS NOT RAPT APPROVED.

BACKUP ALTIMETER NOTE: CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DILLON ALTIMETER SETTING AND INCREASE LPV DA TO 5134 FEET; INCREASE LNAV/VNAV DA TO 5306 FEET AND ALL VISIBILITIES 1/4 SM. INCREASE ALL MDAS 120 FEET AND LNAV VISIBILITY CAT C/D 1/4 SM, AND CIRCLING VISIBILITY CAT C/D 1/4 SM.

BARO-VNAV AND VDP NA WHEN USING DILLON ALTIMETER SETTING.

ORDER 8260.3 CHAPTER 2 APPLIED TO 5440 AAO 452447.00N/1121727.00W.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



<u>AIRPORT ID</u> KRVF	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 35	<u>AMDT NO.</u> 1	<u>CITY</u> TWIN BRIDGES	<u>STATE</u> MT	<u>AIRPORT ELEVATION</u> 4789	<u>FACILITY</u> RNAV
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PART D: AIRSPACE

DOCKET # NOT REQUIRED

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	4.38
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	005.42
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	5200
DISTANCE FROM	THLD	TO 1500FT POINT	12.49
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	4.00
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	019.49
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	6000
THRESHOLD COORDINATES (IF STR-IN)	453141.63N/1121802.05W		
ARP COORDINATES	453207.50N/1121808.20W		
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 17 DISTANCE 0.57 NM		
FAF COORDINATES	452516.39N/1121854.10W		
FIX NAME COORDINATES			
REMARKS			

QUALITY
10
CHECKED

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PART E: PREPARED BY

<u>NAME</u> JASON KRETSCHMER (JUDITH TUTTLE)	<u>OFFICE</u> AJV-A421	<u>DATE</u> 01/13/2022	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
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