

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</u> TWIN BRIDGES	<u>AIRPORT ID</u> 7S1	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 17	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>CITY</u> TWIN BRIDGES	<u>STATE</u> MT
<u>AIRPORT ELEVATION</u> 4789	<u>TDZE</u> 4789	<u>SUPERSEDED</u> RNAV (GPS) RWY 17	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 02/01/2018	<u>MAG VAR</u> 12E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 20 JUNE 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2020

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>
HIA VOR/DME	IAF	DISLE		TF	FB	1.00	188.84	8.74	7500
DISLE	IF	CELGA		TF	FB	1.00	188.18	5.35	6700
CELGA	FAF	ELOIN/1.70 NM TO FAMIT		TF	FB	0.30	173.45	3.28	
ELOIN/1.70 NM TO FAMIT		FAMIT	MAP	TF	FO	0.30	173.45	1.70	
FAMIT	MAP	5174 MSL		CA			173.45		
5174 MSL		GNAWS		DF	FB	1.00			
GNAWS		DLN VOR/DME		TF	FO	1.00	211.25	14.21	11100

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: FAMIT

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 11100 DIRECT GNAWS AND ON TRACK 211.25 TO 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 DISLE				
3. FAC:	173.45	FAF: CELGA	DIST FAF TO MAP: 4.98	DIST FAF TO THLD: 5.86	
4. MIN ALT:	DISLE 7500, CELGA 6700, ELOIN/1.70 NM TO FAMIT 5640*				
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	385 HAT: 1.07	GS ANT:
6. MIN GP INCPT:	6700	GP ALT AT FAF : CELGA 6700	OM:	MM:	IM:
7. GP ANGLE:	3.00	34:1: IS NOT CLEAR	20:1: IS CLEAR	TCH: 45.0	
8. MSA FROM:	RW17 12400				

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 7 AND 25.
CHART NOTE: CIRCLING NA E OF RWY 17-35.
CHART NOTE: RWY 17 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: BARO-VNAV NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: USE DILLON ALTIMETER SETTING; WHEN NOT RECEIVED, PROCEDURE NA.

ADDITIONAL FLIGHT DATA:

CHART DILLON ASOS.
*LNAV ONLY.
CHART CIRCLING ICON.
FICTITIOUS THRESHOLD POINT (CFVCZ) DO NOT CHART.
CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 3.00 DEGREES.
WAAS CHANNEL #93840
REFERENCE PATH ID: W17A
FAS OBST: 5069 AAO 453355N/1121701W.
FAC CROSSES RWY C/L EXTENDED 5323 FT FROM THLD.
HOLD S, RT, 016.25 INBOUND
FTP HAE: 1448 M



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

ALTERNATE: NA ☒

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	5174	1 1/4	385	5174	1 1/4	385	5174	1 1/4	385	5174	1 1/4	385			
LNAV/VNAV DA	5579	3	790	5579	3	790	5579	3	790	5579	3	790			
LNAV MDA	5440	1	651	5440	1	651	5440	1 7/8	651	5440	1 7/8	651			
CIRCLING	5440	1	651	5440	1	651	5480	2	691	5620	2 3/4	831			

CHANGES - REASONS

1. REMOVED CHART NOTE: DME/DME -0.3 NA. - IAW 8260.19H 8-6-8.B.
2. ADDED CHART CIRCLING ICON. - ADMINISTRATIVE CORRECTION, NOT INDICATED ON LAST AMENDMENT CHARTING.
3. ADDED ADDITIONAL FLIGHT DATA: CHART DILLION ASOS. - UPDATED TO CURRENT CRITERIA .19H 8-2-4.B.(3)
4. UPDATED CHART NOTE: USE DILLON ALTIMETER SETTING TO USE DILLON ALTIMETER SETTING; WHEN NOT RECEIVED, PROCEDURE NA. - UPDATED CHART NOTE IAW 8260.19H 8-6-9.F.(6).
5. ADDED PBN REQUIREMENTS NOTE: RNP APCH - PER FAAO 8260.19H 8-6-8.B.(1).
6. UPDATED LPV CONTROLLING OBSTACLE ID FROM "K7S1T000241" TO '(30-047984)" - SAME OBSTACLE, NEW ID.
7. ADDED 20:1 IS CLEAR - IAW 820.19H DOCUMENTATION CRITERIA.
8. ADDED CHART NOTE: CIRCLING NA TO RWYS 7 AND 25 - IAW SOP UNPAVED RUNWAYS.

COORDINATED WITH:

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

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE

DATE

Digitally signed by
ROBERT G HAMILTON
Feb 07, 2019

DEVELOPED BY

ROBERT G HAMILTON (MARSHALL SCOTT)

Digitally signed by
ROBERT G HAMILTON

Feb 07, 2019

OFFICE

AJV-A422

DATE

01/30/2019

APPROVED BY

JULIE MORGAN

Digitally signed by
ROBERT G HAMILTON
Feb 07, 2019

OFFICE

AJV-A42

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	7S1
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	453241.0660N
LTP/FTP LONGITUDE	1121802.3730W
LTP/FTP ELLIPSOIDAL HEIGHT	+14480
FPAP LATITUDE	453112.3850N
FPAP LONGITUDE	1121814.3865W
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	15869D9F
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ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+14596
FPAP ORTHOMETRIC HEIGHT	+14596

