

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 35	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<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SUPERSEDED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	<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>
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	7300
GNARS		DURPE		TF	FB	1.00	007.51	2.21	6800
DURPE	FAF	ERUTE/2.10 NM TO CAVUL		TF	FB	0.30	353.42	3.37	
ERUTE/2.10 NM TO CAVUL		CAVUL	MAP	TF	FO	0.30	353.42	2.10	
CAVUL	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: CAVUL

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: 353.42FAF: DURPEDIST FAF TO MAP: 5.47DIST FAF TO THLD: 6.26

4. MIN ALT: FELIK 7600, GNARS 7300, DURPE 6800, ERUTE/2.10 NM TO CAVUL 5720*

5. DIST TO THLD FROM OM:MM:IM:150 HAT:346 HAT: 0.95GS ANT:

6. MIN GP INCPT: 6800GP ALT AT FAF : DURPE 6800OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 45.0

8. MSA FROM: RW35 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: 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 (CFVBX) DO NOT CHART.
CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 3.00 DEGREES.
WAAS CHANNEL #42940
REFERENCE PATH ID: W35A
FAS OBST: 4979 TREE 453135N/1121715W.
FAC CROSSES RWY C/L EXTENDED 4839 FT FROM THLD.
HOLD S, RT, 016.25 INBOUND
FTP HAE: 1439.3 M

MINIMUMS:

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

ALTERNATE: NA

X



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	5120	1 1/8	346	5120	1 1/8	346	5120	1 1/8	346	5120	1 1/8	346			
LNAV/VNAV DA	5270	1 3/4	496	5270	1 3/4	496	5270	1 3/4	496	5270	1 3/4	496			
LNAV MDA	5340	1	566	5340	1	566	5340	1 5/8	566	5340	1 5/8	566			
CIRCLING	5400	1	611	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 FROM, 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. ADDED 20:1 IS CLEAR - IAW 8260.19H DOCUMENTATION CRITERIA.
- 7. 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	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	453141.3990N
LTP/FTP LONGITUDE	1121758.5170W
LTP/FTP ELLIPSOIDAL HEIGHT	+14393
FPAP LATITUDE	453310.0805N
FPAP LONGITUDE	1121746.5190W
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	1739AF25

ADDITIONAL PATH POINT RECORD INFORMATION

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

