

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> FAIRMONT STATE AIRFIELD	<u>AIRPORT ID</u> KFMZ	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 17	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> FAIRMONT	<u>STATE</u> NE
<u>AIRPORT ELEVATION</u> 1636	<u>TDZE</u> 1636	<u>SUPERSEDED</u> RNAV (GPS) RWY 17	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 08/27/2009	<u>MAG VAR</u> 7E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 3 JANUARY 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 1990

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 083/30 CW 263/30	NOPT	083/10 CW 263/10		4100
1. 083/10 CW 263/10	NOPT	CELTA	IF/IAF	4000
2. 263/30 CW 353/30		CEVER	IAF	4100
3. 353/30 CW 083/30		FATSA	IAF	4100

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>
FATSA	IAF	CELTA	NOPT	TF	FB	1.00	082.76	5.00	4000
CEVER	IAF	CELTA	NOPT	TF	FB	1.00	262.90	5.00	4000
CELTA	IF/IAF	BOLPE		TF	FB	1.00	172.83	6.10	3200
BOLPE	FAF	RW17	MAP	TF	FO	0.30	172.83	4.73	
RW17	MAP	1934 MSL		CA			172.83		
1934 MSL		UNITE		DF	FO	1.00			4000

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW17

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4000 DIRECT UNITE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
20
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD N CELTA, RT, 172.83 INBOUND, 4000 FT. IN LIEU OF PT (IAF), MAX 10000.

3. FAC: 172.83

FAF: BOLPE

DIST FAF TO MAP: 4.73

DIST FAF TO THLD: 4.73

4. MIN ALT: CELTA 4000, BOLPE 3200

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

298 HAT: 0.80

GS ANT:

6. MIN GP INCPT: 3200

GP ALT AT FAF : BOLPE

OM:

MM:

IM:

7. GP ANGLE: 3.00

34:1: IS CLEAR

20:1: IS CLEAR

TCH: 40.0

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING TO RWY 12, 30 NA AT NIGHT.
CHART NOTE: BARO-VNAV NA.
CHART NOTE: USE YORK ALTIMETER SETTING, WHEN NOT RECEIVED USE HEBRON ALTIMETER SETTING AND INCREASE ALL DA 31 FEET AND ALL MDA 40 FEET.

ADDITIONAL FLIGHT DATA:

CHART YORK AWOS
CHART CIRCLING ICON.
WAAS CHANNEL #69414
REFERENCE PATH ID: W17A
FAS OBST: 1840 AAO 403903N/0973421W.
HOLD S, RT, 352.83 INBOUND
LTP HAE: 471.8 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	1934	1	298	1934	1	298		NA			NA				
LNAV/VNAV DA	2043	1 1/2	407	2043	1 1/2	407		NA			NA				
LNAV MDA	2240	1	604	2240	1	604		NA			NA				
CIRCLING	2240	1	604	2240	1	604		NA			NA				



<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>
FAIRMONT STATE AIRFIELD	KFMZ	RNAV (GPS) RWY 17	1A	FAIRMONT	NE

CHANGES - REASONS

- 1. CHANGE DISTANCE TO THLD FROM 298 HAT DISTANCE FROM 0.81 NM TO 0.80 NM - CURRENT 8260.58 CALCULATION.
- 2. REMOVED "CHART FAS OBST: 1725 ROD ON HANGER 403553N/0973401W" FROM ADDITIONAL FLIGHT DATA - CURRENT 8260.19 DOES NOT REQUIRE TO CHART FAS OBST FOR LNAV/VNAV.
- 3. CHANGED ADDITIONAL FLIGHT DATA NOTE FROM "CHART FAS OBST: 1875 GR. ELEVATOR 403817N/0973501W" TO "FAS OBST: 1840 AAO 403903N/0973421W" - NEW CONTROLLING OBSTACLE FOR LNAV SEGMENT.
- 4. REMOVED CHART NOTE "DME/DME RNP-0.3 NA" - NOT REQUIRED IAW CURRENT 8260.19 CRITERIA.
- 5. ADDED PBN REQUIREMENTS NOTE "RNP APCH" - PBN REQUIRED CHART NOTE IAW CURRENT 8260.19 CRITERIA.
- 6. ADDED "CHART CIRCLING ICON" TO ADDITIONAL FLIGHT DATA - UPDATED CIRCLING RADII IAW WITH CURRENT 8260.3 CRITERIA.
- 7. ADDED CHART NOTE "CIRCLING TO RWY 12, 30 NA AT NIGHT" - NO SURVEY TO RWY 12 OR RWY 30.
- 8. CHANGED CHART NOTE FROM "USE YORK ALTIMETER SETTING, WHEN NOT RECEIVED USE HEBRON ALTIMETER SETTING AND INCREASE ALL DA 36 FEET, ALL MDA 40 FEET. INCREASE LPV ALL CATS VISIBILTY 1/4 MILE" TO "USE YORK ALTIMETER SETTING, WHEN NOT RECEIVED USE HEBRON ALTIMETER SETTING AND INCREASE ALL DA 31 FEET AND ALL MDA 40 FEET" - UPDATED TO CURRENT 8260.3 VISIBLITY CRITERIA.
- 9. UPDATED FPAP LAT/LONG FROM "403411.1300N/0973415.7100W" TO "403411.1310N/0973415.7120W" - CURRENT FIGURES IAW 8260.58.
- 10. UPDATED CRC REMAINDER FROM "AAE89289" TO "2459650C" - SIAP GENERATED FIGURE.
- 11. ADDED "CHART YORK AWOS" TO ADDITIONAL FLIGHT DATA: - IAW CURRENT 8260.19 DOCUMENTATION CRITERIA.
- 12. ADDED "20:1 IS CLEAR" ON LINE 7 - 8260.19 CRITERIA STATES TO DOCUMENT WHETHER 20:1 IS CLEAR OR NOT ON RNAV PROCEDURES.



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<u>COORDINATED WITH:</u>					
A4A <input type="checkbox"/> ALPA <input checked="" type="checkbox"/> AOPA <input checked="" type="checkbox"/> APA <input type="checkbox"/> HAI <input type="checkbox"/> NBAA <input checked="" type="checkbox"/> <u>OTHER:</u> AMGR, ZMP					
<u>FLIGHT CHECKED BY</u> BROC STARRETT	<i>Digitally signed by</i> ROBERT G HAMILTON Nov 26, 2018		<u>OFFICE</u> FICO	<u>DATE</u> 11/19/18	
<u>DEVELOPED BY</u> DUSTIN DAVIDSON	<i>Digitally signed by</i> DUSTIN DAVIDSON Aug 08, 2018		<u>OFFICE</u> AJV-5422	<u>DATE</u> 08/03/2018	
<u>APPROVED BY</u> JULIE MORGAN	<i>Digitally signed by</i> ROBERT G HAMILTON Nov 26, 2018		<u>OFFICE</u> AJV-5420	<u>DATE</u>	<u>TITLE</u> MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KFMZ
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	403540.2895N
LTP/FTP LONGITUDE	0973416.0600W
LTP/FTP ELLIPSOIDAL HEIGHT	+04718
FPAP LATITUDE	403411.1310N
FPAP LONGITUDE	0973415.7120W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1432
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	2459650C
ADDITIONAL PATH POINT RECORD INFORMATION	
ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+04984
FPAP ORTHOMETRIC HEIGHT	+04984

