

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33

Bearings, headings, courses, 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 in feet RVR.

TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE												
IPIVY (IAF)	UNITE (NOPT) (FB)	082.76 / 5.00	4000	LPV: DA LNAV/VNAV: DA LNAV: RW35 CLIMB TO 4000 DIRECT CELTA AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 172.83 INBOUND. CHART FAS OBST: 1749 TREE 403418N/0973333W DISTANCE TO THLD FROM 298 HAT: 0.82 NM. WAAS CHANNEL # 93614 REFERENCE PATH ID: W35A											
VALUU (IAF)	UNITE (NOPT) (FB)	262.90 / 5.00	4000												
UNITE (IF/IAF)	LYYON (FB)	352.83 / 6.10	3200												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD S UNITE, RT, 352.83 INBOUND, 4000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>352.83</u> FAF: <u>LYYON</u> DIST FAF TO MAP: <u>4.73</u> THLD: <u>4.73</u> 4. MIN. ALT: <u>UNITE 4000, LYYON 3200, ATOYO/1.60 NM TO RW35 2180*</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>3200</u> GS ALT AT: <u>LYYON</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>40.0</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u> </u>				MAG VAR: 7E EPOCH YEAR: 1990											
MINIMUMS															
TAKEOFF:	<input type="checkbox"/> STANDARD	<input checked="" type="checkbox"/> SEE FAA FORM 8260-15A	FOR THIS AIRPORT		ALTERNATE: N A	<input checked="" type="checkbox"/>									
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1934	1	298	1934	1	298		NA			NA				
LNAV/VNAV DA	2094	1 3/4	458	2094	1 3/4	458		NA			NA				
LNAV MDA	2060	1	424	2060	1	424		NA			NA				
CIRCLING	2120	1	484	2120	1	484		NA			NA				
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. *LNAV ONLY CHART NOTE: USE YORK ALTIMETER SETTING, WHEN NOT RECEIVED USE HEBRON ALTIMETER SETTING AND SEE 8260-10															
CITY AND STATE				ELEVATION: 1636 TDZE: 1636		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
FAIRMONT, NE				AIRPORT NAME:		RNAV		RNAV (GPS) RWY 35, AMDT 1				AMDT: ORIG			
				FAIRMONT STATE AIRFIELD				27 AUG 2009				DATED 07/10/2003			

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NOTES CONT.

INCREASE ALL DA 36 FEET, ALL MDA 40 FEET. INCREASE LPV ALL CATS VISIBILITY 1/4 MILE.

CHART NOTE: BARO-VNAV N/A.

TAA

	<u>FROM</u>	<u>TO</u>	<u>ALT</u>
1.	263/30 CW 083/30 (NOPT)	UNITE (IF/IAF) (FB)	4000
2.	083/30 CW 173/30	IPIVY (IAF) (FB)	4100
3.	173/30 CW 263/30	VALUU (IAF) (FB)	4100

QUALITY
5
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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KFMZ
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	403457.6315N
LTP/FTP LONGITUDE	0973415.8865W
LTP/FTP ELLIPSOIDAL HEIGHT	+04714
FPAP LATITUDE	403626.7900N
FPAP LONGITUDE	0973416.2400W
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 BEB093F5

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+04980
FPAP ORTHOMETRIC HEIGHT	+04980

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[illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KFMZK3FR35	AIPIVY	010IPIVYK3EA0E	A	IF					18000		A	JS
SUSAP	KFMZK3FR35	AIPIVY	020UNITEK3EA0EE	010TF		08280050		+ 04000				A	JS
SUSAP	KFMZK3FR35	AUNITE	010UNITEK3EA0EE	AR	HF	35280040		+ 04000		18000		A	JS
SUSAP	KFMZK3FR35	AVALUU	010VALUUK3EA0E	A	IF					18000		A	JS
SUSAP	KFMZK3FR35	AVALUU	020UNITEK3EA0EE	010TF		26290050		+ 04000				A	JS
SUSAP	KFMZK3FR35	R	010UNITEK3EA0E	I	IF			+ 04000		18000		A	JS
SUSAP	KFMZK3FR35	R	020LYYONK3EA1E	F	051TF	35280061		+ 03200				A	JS
SUSAP	KFMZK3FR35	R	020LYYONK3EA2WALPV		ALNAV/VNAV	ALNAV							JS
SUSAP	KFMZK3FR35	R	021ATOYOK3EA0E	S	031TF	35280031		V	0218002188	-300		A	JS
SUSAP	KFMZK3FR35	R	030RW35	K3PGOGY	M	031TF	35280016		01674	-300		A	JS
SUSAP	KFMZK3FR35	R	040CELTAK3EA0EYM	010DF				+ 04000				A	JS
SUSAP	KFMZK3FR35	R	050CELTAK3EA0EE	R020HM		17280040		+ 04000				A	JS

[illegible]

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1 2 3 4 5 6 7 8 9 0 1 2 3
PP 1234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KFMZK3PR35 RW35 001 0000W35A0N4034576315W09734158865+047140300N4036267900W09734162400106751432000400P400500BEB093F5
SUSAP KFMZK3PR35 RW35 002E +04980+04980LPV 93614

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	IPIVY	IPIVY	010	IAF	IF		FB				
	IPIVY	UNITE	020		TF		FB	1.0	082.8 (090T)	005.0	04000
	UNITE	UNITE	010	IAF	HF	R	FB		352.8 (360T)	004.0	04000
	VALUU	VALUU	010	IAF	IF		FB				
	VALUU	UNITE	020		TF		FB	1.0	262.9 (270T)	005.0	04000
		UNITE	010	FACF	IF		FB				04000
		LYYON	020	FAF	TF		FB	0.5	352.8 (360T)	006.1	03200
		ATOYO	021	SDF	TF		FB	0.3	352.8 (360T)	003.1	0218002188
		RW35	030	MAP	TF		FO	0.3	352.8 (360T)	001.6	01674

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CELTA	040		DF		FO	1.0			04000
	CELTA	050		HM	R	FO	2.0	172.8 (180T)	004.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ATOYO	N403321.57	W0973415.52	N4033.360	W09734.259
	CELTA	N404630.51	W0973418.60	N4046.509	W09734.310
	IPIVY	N402406.31	W0974046.06	N4024.105	W09740.768
	LYYON	N403013.65	W0973414.79	N4030.228	W09734.247
	UNITE	N402407.39	W0973413.37	N4024.123	W09734.223
	VALUU	N402408.10	W0972740.68	N4024.135	W09727.678
	RW35	N403457.63	W0973415.89	N4034.961	W09734.265

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW35	01634		40

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