

**RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33**

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TERMINAL ROUTES

MISSED APPROACH

FROM	TO	COURSE AND DISTANCE	ALTITUDE
MWH VOR/DME	UDECU (FO)	240.96 / 17.88	4500
ELN VOR/DME	DOFDO (FB)	060.12 / 22.46	6700
DOFDO (IAF)	UDECU (NOPT) (FB)	060.52 / 7.76	4500
UDECU (IF/IAF)	WIMBU (FB)	026.55 / 7.49	3200
WIMBU (FAF)	WIGEB/1.60 NM TO RW03 (FB)	026.64 / 4.21	
WIGEB/1.60 NM TO RW03 (SEE FORM 8260-10)	RW03 (MAP) (FO)	026.64 / 1.60	

LPV: DA
LNAV/VNAV: DA
LNAV: RW03

CLIMB TO 3800 DIRECT TICYU AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 206.85 INBOUND.
CHART FAS OBST: 1419 TREE 471824N/1193217W
DISTANCE TO THLD FROM 250 HAT: 0.62 NM.
CHART VDP AT 0.96 NM TO RW03*
*LNAV ONLY.
WAAS CHANNEL # 50208
REFERENCE PATH ID: W03A
LTP HAE: 364.1 M

MAG VAR: 16E EPOCH YEAR: 2010

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD SW UDECU, RT, 026.55 INBOUND, 4500 FT. IN LIEU OF PT (IAF)
3. FAC: 026.64 FAF: WIMBU DIST FAF TO MAP: 5.81 THLD: 5.81
4. MIN. ALT: UDECU 4500, WIMBU 3200, WIGEB/1.60 NM TO RW03 1820*
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: 3200 GS ALT AT: WIMBU OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 60.0 34:1 IS CLEAR
8. MSA FROM: RW03 5400

MINIMUMS

TAKEOFF:	SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: N A			STANDARD @					
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	1519	1	250	1519	1	250	1519	1	250	1519	1	250			
LNAV/VNAV DA	1689	1 1/2	420	1689	1 1/2	420	1689	1 1/2	420	1689	1 1/2	420			
LNAV MDA	1680	1	411	1680	1	411	1680	1 1/4	411	1680	1 1/4	411			
CIRCLING	1720	1	444	1740	1	464	1780	1 1/2	504	2500	3	1224			

NOTES:
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 46C (114F).
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
 CHART NOTE: VDP AND BARO-VNAV NA WHEN USING MOSES LAKE/GRANT COUNTRY INTL ALTIMETER SETTING.
 (CONTINUED ON PAGE 2)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
 @ CAT D 1300-3

QUALITY
24
CHECKED

CITY AND STATE EPHRATA, WA	ELEVATION: 1276 TDZE: 1269 AIRPORT NAME: EPHRATA MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMD T NO./EFFECTIVE DATE: RNAV (GPS) RWY 3, ORIG-A 10 NOVEMBER 2016	SUP: AMD T: ORIG DATED 05/07/2009
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US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

<u>FROM</u>	<u>TO</u>	<u>COURSE AND DISTANCE</u>	<u>ALTITUDE</u>
RW03 (MAP)	1519 MSL	026.64	
1519 MSL	TICYU (FO)		3800

NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MOSES LAKE/GRANT COUNTY INTL ALTIMETER SETTING AND INCREASE ALL DA/MDA 40 FEET AND LNAV CAT D VISIBILITY 1/4 MILE.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON MWH VOR/DME AIRWAY RADIALS 188 CW 253, AND FOR ARRIVALS ON ELN VOR/DME AIRWAY RADIALS 003 CW 086.

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CITY AND STATE EPHRATA, WA	ELEVATION: 1276	TDZE: 1269	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 3, ORIG-A 10 NOVEMBER 2016	SUP: ORIG
	AIRPORT NAME: EPHRATA MUNI				AMDT: ORIG
					DATED: 05/07/2009

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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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	KEPH
RUNWAY	RW03
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W03A
LTP/FTP LATITUDE	471821.1100N
LTP/FTP LONGITUDE	1193118.8500W
LTP/FTP ELLIPSOIDAL HEIGHT	+03641
FPAP LATITUDE	471926.5400N
FPAP LONGITUDE	1192950.0100W
THRESHOLD CROSSING HEIGHT (TCH)	00060.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 <u>CRC REMAINDER</u>	 5C48B08B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+03845
FPAP ORTHOMETRIC HEIGHT	+03845

QUALITY
24
CHECKED

CITY AND STATE EPHRATA, WA	ELEVATION: 1276	TDZE: 1269	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 3, ORIG-A 10 NOVEMBER 2016	SUP:	24
	AIRPORT NAME: EPHRATA MUNI				AMDT:	ORIG
					DATED:	05/07/2009

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.33

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ARINC SUMMARY - KEPH

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
ELN	010	ELN	IF	FB										V
ELN	020	DOFDO	TF	FB	2.0	060.1						AA 06700		E A
ELN	030	UDECUC	TF	FB	1.0	060.5						AA 04500		EE B
MWH	010	MWH	IF	FB										V
MWH	020	UDECUC	TF	FO	2.0	241.0						AA 04500		EY
MWH	030	UDECUC	HF	FO		026.6			R			AA 04500		EE A
	010	UDECUC	IF	FB								AA 04500		E I
	020	WIMBU	TF	FB	1.0	026.6				RW03		AA 03200		E F
	021	WIGEB	TF	FB	0.3	026.6		3.00				AA 01820 GS 01834		E S
	030	RW03	TF	FO	0.3	026.6		3.00				AT 01321		GY M
	040		CA	FB		026.6						AA 01519		M
	050	TICYU	DF	FO								AA 03800		EY
	060	TICYU	HM	FO		206.9			R			AA 03800		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
ELN	N470127.75	W1202730.29
MWH	N471239.11	W1191900.54
DOFDO	N470646.38	W1195534.84
UDECUC	N470834.31	W1194431.74
TICYU	N472705.10	W1191924.95
WIGEB	N471710.59	W1193254.50
WIMBU	N471405.15	W1193705.56

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW03	N471821.11	W1193118.85	01261	60

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	AIRPORT NAME: EPHRATA MUNI	RNAV	RNAV (GPS) RWY 3, ORIG-A	4 CHECKED ORIG
			10 NOVEMBER 2016	DATED: 05/07/2009