

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR 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		LPV: DA LNAV/VNAV: DA LNAV: RW13 CLIMB TO 3600 DIRECT YAVUP AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 309.45 INBOUND. CHART FAS OBST: 1047 TREE 390550N/0953819W. CHART 1050 TOWER 390543N/0954002W. DISTANCE TO THLD FROM 210 HAT: 0.54 NM. CHART VDP AT 1.19 NM TO RW13* *LNAV ONLY. WAAS CHANNEL # 57928 REFERENCE PATH ID: W13A CHART CIRCLING ICON. LTP HAE: 236.8 M							
KENEC (IF/IAF)		CENIB (TF) (FB) (RNP 1.00)		129.20 / 8.99				2300									
CENIB (FAF)		ZOBOS/2.20 NM TO RW13 (TF) (FB) (RNP 0.30)		129.29 / 2.14													
ZOBOS/2.20 NM TO RW13		RW13 (MAP) (TF) (FO) (RNP 0.30)		129.29 / 2.20													
RW13 (MAP)		1091 MSL (CA)		129.29				3600									
1091 MSL		YAVUP (DF) (FO) (RNP 1.00)															
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD NW KENEC, RT, 129.20 INBOUND, 3600 FT. IN LIEU OF PT (IAF) 3. FAC: 129.29 FAF: CENIB DIST FAF TO MAP: 4.34 THLD: 4.34 4. MIN. ALT: KENEC 3600, CENIB 2300, ZOBOS/2.20 NM TO RW13 1600* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2300 GS ALT AT: CENIB 2300 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 38.5 20:1 IS CLEAR 34:1 IS CLEAR 8. MSA FROM: RW13 3600										MAG VAR: 5E		EPOCH YEAR: 2000					
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	1091	1/2	210	1091	1/2	210	1091	1/2	210		NA						
LNAV/VNAV DA	1135	1/2	254	1135	1/2	254	1135	1/2	254		NA						
LNAV MDA	1300	1/2	419	1300	1/2	419	1300	3/4	419		NA						
CIRCLING	1360	1	479	1440	1	559	1600	2	719		NA						
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18C (0F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: NOPT FOR ARRIVAL AT KENEC ON V508 EASTBOUND. CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 3/4 SM AND LNAV CAT C VISIBILITY TO 1 1/8 SM.																	
CITY AND STATE		ELEVATION: 881 TDZE: 881				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
TOPEKA, KS		AIRPORT NAME:						RNAV (GPS) RWY 13, AMDT 1B				AMDT: 1A					
		PHILIP BILLARD MUNI						29 MARCH 2018				DATED 10/16/2014					

QUALITY
10
CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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CITY AND STATE
TOPEKA, KS

ELEVATION: 881 **TDZE: 881**
AIRPORT NAME:
PHILIP BILLARD MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 13, AMDT 1B
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**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	KTOP
RUNWAY	RW13
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W13A
LTP/FTP LATITUDE	390429.2350N
LTP/FTP LONGITUDE	0953737.3650W
LTP/FTP ELLIPSOIDAL HEIGHT	+02368
FPAP LATITUDE	390326.9100N
FPAP LONGITUDE	0953615.5300W
THRESHOLD CROSSING HEIGHT (TCH)	00038.5
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1200
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
 <u>CRC REMAINDER</u>	 C3C643A8

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02681
FPAP ORTHOMETRIC HEIGHT	+02681

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