

**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	LP: RW31 LNAV: RW31
TOP VORTAC	YAVUP (TF) (FO) (RNP 2.00)	152.85 / 13.10	3600	CLIMB TO 3600 DIRECT KENEC AND HOLD.
RUGBB (IAF)	YAVUP (NOPT) (TF) (FB) (RNP 1.00)	248.38 / 15.04	3600	
JHAWK (IAF)	YAVUP (NOPT) (TF) (FB) (RNP 1.00)	347.18 / 7.82	3600	ADDITIONAL FLIGHT DATA: HOLD NW, RT, 129.20 INBOUND. CHART FAS OBST: 1059 TREE 390205N/0953459W. CHART VDP AT 1.22 NM TO RW31. WAAS CHANNEL # 69627 REFERENCE PATH ID: W31A CHART CIRCLING ICON. ROGGO TO RW31:3.00/55 LTP HAE: 235.5 M
YAVUP (IF/IAF)	ROGGO (TF) (FB) (RNP 1.00)	309.45 / 5.92	2600	
ROGGO (FAF)	LOCER/2.30 NM TO RW31 (TF) (FB) (RNP 0.30)	309.39 / 2.94		
(SEE FORM 8260-10)				

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD SE YAVUP, RT, 309.45 INBOUND, 3600 FT. IN LIEU OF PT (IAF)
3. FAC: 309.39 FAF: ROGGO DIST FAF TO MAP: 5.24 THLD: 5.24
4. MIN. ALT: YAVUP 3600, ROGGO 2600, LOCER/2.30 NM TO RW31 1660
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: GS ALT AT: OM: MM: IM:
7. GS ANGLE: TCH: 20:1 IS CLEAR 34:1 IS CLEAR
8. MSA FROM: RW31 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
LP MDA	1320	1	440	1320	1	440	1320	1 3/8	440		NA				
LNAV MDA	1340	1	460	1340	1	460	1340	1 3/8	460		NA				
CIRCLING	1360	1	479	1440	1	559	1600	2	719		NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON TOP VORTAC AIRWAY RADIALS 072 CW 231.



CITY AND STATE TOPEKA, KS	ELEVATION: 881 TDZE: 880 AIRPORT NAME: PHILIP BILLARD MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31, AMDT 1B 29 MARCH 2018	SUP: AMDT: 1A DATED 10/16/2014
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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>
LOCER/2.30 NM TO RW31	RW31 (MAP) (TF) (FO) (RNP 0.30)	309.39 / 2.30	
RW31 (MAP)	1281 MSL (CA)	309.39	
1281 MSL	KENEC (DF) (FO) (RNP 1.00)		3600



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				AMDT: 1A
				DATED: 10/16/2014

**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	RW31
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W31A
LTP/FTP LATITUDE	390354.0140N
LTP/FTP LONGITUDE	0953651.1230W
LTP/FTP ELLIPSOIDAL HEIGHT	+02355
FPAP LATITUDE	390456.3400N
FPAP LONGITUDE	0953812.9500W
THRESHOLD CROSSING HEIGHT (TCH)	00054.7
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)	0.0

CRC REMAINDER 5D661F2E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02669
FPAP ORTHOMETRIC HEIGHT	+02669



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