

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												
EPVAW (IAF)	ERJAG (NOPT) (FB)	222.21 / 5.00	3000	LPV: DA LNAV/VNAV: DA LNAV: RW31  CLIMB TO 3600 DIRECT JOFWO AND HOLD.  ADDITIONAL FLIGHT DATA: HOLD NW, RT, 131.94 INBOUND. CHART FAS OBST: 1094 TREE 385559N/0953830W CHART FAS OBST: 1199 POLE 385241N/0953556W DISTANCE TO THLD FROM 261 HAT: 0.64 NM. CHART VDP AT 1.28 MILES TO RW31* *LNAV ONLY. WAAS CHANNEL # 78399 REFERENCE PATH ID: W31A ROUTE TYPE DESCRIPTION A, R APPROACH ROUTE QUALIFIER 1: W, J APPROACH ROUTE QUALIFIER 2: S											
HUDVO (IAF)	ERJAG (NOPT) (FB)	042.11 / 5.00	3000												
ERJAG (IF/IAF)	MOYLU (FB)	312.16 / 6.00	2700												
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD SE ERJAG, RT, 312.16 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: 312.11 FAF: MOYLU DIST FAF TO MAP: 4.97 THLD: 4.97 4. MIN. ALT: ERJAG 3000, MOYLU 2700 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2700 GS ALT AT: _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 58.4 34:1 IS CLEAR 8. MSA FROM: _____				MAG VAR: 5E EPOCH YEAR: 1990											
MINIMUMS															
TAKEOFF: <input checked="" type="checkbox"/> STANDARD		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	1298	2400	261	1298	2400	261	1298	2400	261	1298	2400	261			
LNAV/VNAV DA	1357	2400	320	1357	2400	320	1357	2400	320	1357	4000	320			
LNAV MDA	1500	2400	463	1500	2400	463	1500	4000	463	1500	5000	463			
CIRCLING	1520	1	442	1580	1	502	1580	1 1/2	502	1640	2	562			
NOTES: CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY TO RVR 4000, AND LNAV/VNAV CAT D TO RVR 5000. CHART NOTE: BARO-VNAV NA WHEN USING PHILIP BILLARD MUNI ALTIMETER SETTING. CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE PHILIP BILLARD MUNI ALTIMETER SETTING AND CONTINUED ON PAGE 2															
CITY AND STATE		ELEVATION: 1078 TDZE: 1037		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
TOPEKA, KS		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 31, ORIG				AMDT: NONE					
		FORBES FIELD				APR 13 2006				DATED					

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## NOTES CONT.

INCREASE ALL DAS/MDAS 60 FEET.

CHART NOTE: BARO-VNAV NA BELOW -17C (2F).

CHART NOTE: DME/DME RNP-0.3 NA.

CHART NOTE: VDP NA WHEN USING PHILIP BILLARD MUNI ALTIMETER SETTING.

## TAA

	FROM	TO	ALT
1.	222/30 CW 042/30 (NOPT)	ERJAG (IF/IAF)	3000
2.	042/30 CW 132/30	HUDVO (IAF)	3500
3.	132/30 CW 222/30	EPVAW (IAF)	3000

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0  
SBAS SERVICE PROVIDER IDENTIFIER 0  
AIRPORT IDENTIFIER KFOE  
RUNWAY RW31  
APPROACH PERFORMANCE DESIGNATOR 0  
ROUTE INDICATOR  
REFERENCE PATH DATA SELECTOR 0  
REFERENCE PATH IDENTIFIER (APPROACH ID) W31A  
LTP/FTP LATITUDE 385623.3900N  
LTP/FTP LONGITUDE 0953850.5600W  
LTP/FTP ELLIPSOIDAL HEIGHT +02844  
FPAP LATITUDE 385756.6100N  
FPAP LONGITUDE 0954041.6900W  
THRESHOLD CROSSING HEIGHT (TCH) 00058.4  
TCH UNITS SELECTOR (METERS OR FEET USED) F  
GLIDEPATH ANGLE (GPA) 03.00  
COURSE WIDTH AT THRESHOLD 110.75  
LENGTH OFFSET 0024  
HORIZONTAL ALERT LIMIT (HAL) 40.0  
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

D6E9FA72

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K3  
LTP ORTHOMETRIC HEIGHT +03157  
FPAP ORTHOMETRIC HEIGHT +03157

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KFOEK3FR31	AEPVAV	010EPVAVK3EA0E	A	IF						18000		A JS	
SUSAP KFOEK3FR31	AEPVAV	020ERJAGK3EA0EE	B	010TF		22220050		03000				A JS	
SUSAP KFOEK3FR31	AHUDVO	010HUDVOK3EA0E	A	IF						18000		A JS	
SUSAP KFOEK3FR31	AHUDVO	020ERJAGK3EA0EE	B	010TF		04210050		03000				A JS	
SUSAP KFOEK3FR31	AERJAG	010ERJAGK3EA0EE	CR	HF		31220050		03000		18000		A JS	
SUSAP KFOEK3FR31	R	010ERJAGK3EA0E	I	IF				03000		18000		A JS	
SUSAP KFOEK3FR31	R	020MOYLUK3EA0E	F	010TF		31220060		02700				A JS	
SUSAP KFOEK3FR31	R	030RW31 K3PGOGY	M	031TF		31210050		01094		-300		A JS	
SUSAP KFOEK3FR31	R	040JOFWOK3EA0	M	DF				+ 03600				JA	
SUSAP KFOEK3FR31	R	050JOFWOK3EA0EE	HR020HM			13190050		+ 03600				JA	

[illegible][illegible]

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KFOE RNAV (GPS) RWY 31, ORIG

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	EPVAW	EPVAW	010	IAF	IF		FB				
	EPVAW	ERJAG	020	IF	TF		FB	1.0	222.2 (227T)	005.0	03000
	HUDVO	HUDVO	010	IAF	IF		FB				
	HUDVO	ERJAG	020	IF	TF		FB	1.0	042.1 (047T)	005.0	03000
	ERJAG	ERJAG	010		HF	R	FB		312.2 (317T)	005.0	03000
		ERJAG	010	FACF	IF		FB				03000
		MOYLU	020	FAF	TF		FB	1.0	312.2 (317T)	006.0	02700
		RW31	030	MAP	TF		FO	3.1	312.1 (317T)	005.0	01094

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	JOFWO	040		DF		FO				03600
	JOFWO	050		HM	R	FO	2.0	131.9 (137T)	005.0	03600

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	EPVAW	N385144.78	W0952435.33	N3851.746	W09524.589
	ERJAG	N384820.69	W0952916.96	N3848.345	W09529.283
	HUDVO	N384456.41	W0953358.14	N3844.940	W09533.969
	JOFWO	N390555.12	W0955014.01	N3905.919	W09550.234
	MOYLU	N385244.85	W0953430.49	N3852.748	W09534.508

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW31	01036	58

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