

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																																																																																																																																																																							
OCZOD (IAF)	QWAKI (NOPT) (FB)	277.18 / 5.00	3200	<b>LNAV: RW19</b>  <b>CLIMB TO 3200 DIRECT OVVOD AND HOLD.</b>  <b>ADDITIONAL FLIGHT DATA:</b> HOLD S, RT, 007.05 INBOUND. CHART FAS OBST: 1309 TREE 381959N/0961053W CHART 1482 KVOE 1400 382309N/0961035W. CHART VDP AT 0.99 MILES TO RW19. GRIZY TO RW19: 3.05/52																																																																																																																																																																						
IDVUF (IAF)	QWAKI (NOPT) (FB)	097.05 / 5.00	3200																																																																																																																																																																							
QWAKI (IF/IAF)	GRIZY (FB)	187.11 / 6.20	2900																																																																																																																																																																							
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD N QWAKI, RT, 187.11 INBOUND, 3200 FT. IN LIEU OF PT (IAF) 3. FAC: 187.09 FAF: GRIZY DIST FAF TO MAP: 5.12 THLD: 5.12 4. MIN. ALT: QWAKI 3200, GRIZY 2900, JIKIP/2.20 NM TO RW19 1940 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: 34:1 IS CLEAR 8. MSA FROM: _____					MAG VAR: 5E EPOCH YEAR: 2000																																																																																																																																																																					
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>TAKEOFF:</th> <th>STANDARD</th> <th>X</th> <th>SEE FAA FORM 8260-15A FOR THIS AIRPORT</th> <th>ALTERNATE: N A</th> <th colspan="12">STANDARD</th> </tr> <tr> <th>CATEGORY =====&gt;</th> <th colspan="3">A</th> <th colspan="3">B</th> <th colspan="3">C</th> <th colspan="3">D</th> <th colspan="3">E</th> </tr> <tr> <th></th> <th>DH/MDA</th> <th>VIS</th> <th>HAT/HAA</th> <th>DH/MDA</th> <th>VIS</th> <th>HAT/HAA</th> <th>DH/MDA</th> <th>VIS</th> <th>HAT/HAA</th> <th>DH/MDA</th> <th>VIS</th> <th>HAT/HAA</th> <th>DH/MDA</th> <th>VIS</th> <th>HAT/HAA</th> </tr> </thead> <tbody> <tr> <td>LNAV MDA</td> <td>1560</td> <td>1</td> <td>352</td> <td>1560</td> <td>1</td> <td>352</td> <td>1560</td> <td>1</td> <td>352</td> <td></td> <td>NA</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>CIRCLING</td> <td>1660</td> <td>1</td> <td>452</td> <td>1660</td> <td>1</td> <td>452</td> <td>1660</td> <td>1 1/2</td> <td>452</td> <td></td> <td>NA</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>										TAKEOFF:	STANDARD	X	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	LNAV MDA	1560	1	352	1560	1	352	1560	1	352		NA					CIRCLING	1660	1	452	1660	1	452	1660	1 1/2	452		NA																																																																																				
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NOTES: CHART NOTE: DME/DME RNP-0.3 NA.																																																																																																																																																																										
CITY AND STATE  EMPORIA, KS		ELEVATION: 1208 TDZE: 1208 AIRPORT NAME:  EMPORIA MUNI		FACILITY IDENTIFIER:  RNAV		PROCEDURE NO./AMDT NO.:  RNAV (GPS) RWY 19, ORIG  OCT 25 2007			SUP:  AMDT: NONE  DATED																																																																																																																																																																	



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## TAA

	FROM	TO	ALT
1.	097/30 CW 277/30 (NOPT)	097/15 CW 277/15	3600
2.	097/15 CW 277/15	QWAKI (IF/IAF) (FB)	3200
3.	277/30 CW 007/30	OCZOD (IAF) (FB)	3200
5.	007/30 CW 097/30	IDVUF (IAF) (FB)	3200

CITY AND STATE

EMPORIA, KS

ELEVATION: 1208 TDZE: 1208

AIRPORT NAME:

EMPORIA MUNI

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO. / AMDT NO.:

RNAV (GPS) RWY 19, ORIG

OCT 25 2007

SUP:

AMDT: NONE

DATED:



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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KEMPK3FP19	AIDVUF	010IDVUFK3EA0E	A	IF						18000		G	S
SUSAP KEMPK3FP19	AIDVUF	020QWAKIK3EA0EE		010TF		09710050		+ 03200				G	S
SUSAP KEMPK3FP19	AOCZOD	010OCZODK3EA0E	A	IF						18000		G	S
SUSAP KEMPK3FP19	AOCZOD	020QWAKIK3EA0EE		010TF		27720050		+ 03200				G	S
SUSAP KEMPK3FP19	AQWAKI	010QWAKIK3EA0EE	CR	HF		18710050		+ 03200		18000		G	S
SUSAP KEMPK3FP19	P	010QWAKIK3EA0E	I	IF				+ 03200		18000		G	S
SUSAP KEMPK3FP19	P	020GRIZYK3EA0E	F	051TF		18710062		+ 02900				G	S
SUSAP KEMPK3FP19	P	021JIKIPK3EA0E	S	031TF		18710051		V 0194001950		-305		G	S
SUSAP KEMPK3FP19	P	030RW19 K3PG0GY	M	031TF		18710051		01245		-305		G	S
SUSAP KEMPK3FP19	P	040		0 M 010CA		1871		+ 01560				G	S
SUSAP KEMPK3FP19	P	050OVVODK3EA0EY		010DF				+ 03200				G	S
SUSAP KEMPK3FP19	P	060OVVODK3EA0EE		HR020HM		00710050		+ 03200				G	S

[illegible]

SUP:	
AMDT:	NONE
DATED:	

**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**  
**FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-15

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	IDVUF	IDVUF	010	IAF	IF		FB				
	IDVUF	QWAKI	020		TF		FB	1.0	097.1 (102T)	005.0	03200
	OCZOD	OCZOD	010	IAF	IF		FB				
	OCZOD	QWAKI	020		TF		FB	1.0	277.2 (282T)	005.0	03200
	QWAKI	QWAKI	010		HF	R	FB		187.1 (192T)	005.0	03200
		QWAKI	010	FACF	IF		FB				03200
		GRIZY	020	FAF	TF		FB	0.5	187.1 (192T)	006.2	02900
		JIKIP	021	SDF	TF		FB	0.3	187.1 (192T)	005.1	01940
		RW19	030	MAP	TF		FO	0.3	187.1 (192T)	005.1	01245

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	187.1 (192T)		01560
	OVVOD	050		DF		FO	1.0			03200
	OVVOD	060		HM	R	FO	2.0	007.1 (012T)	005.0	03200

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	GRIZY	N382520.49	W0960959.87	N3825.342	W09609.998
	IDVUF	N383227.45	W0961434.41	N3832.458	W09614.574
	JIKIP	N382229.01	W0961046.54	N3822.484	W09610.776
	OCZOD	N383021.44	W0960206.87	N3830.357	W09602.115
	OVVOD	N380828.92	W0961434.34	N3808.482	W09614.572
	QWAKI	N383124.61	W0960820.55	N3831.410	W09608.343
	RW19	N382019.80	W0961121.67	N3820.330	W09611.361

RUNWAY DATA	THRESHOLD	
	RWY	ELEVATION
		TCH
	RW19	01193
		52

CITY AND STATE  
**EMPORIA, KS**

**ELEVATION: 1208 TDZE: 1208**  
**AIRPORT NAME:**  
**EMPORIA MUNI**

**FACILITY IDENTIFIER:**  
**RNAV**

**PROCEDURE NO./AMDT NO.:**  
**RNAV (GPS) RWY 19, ORIG**  
**OCT 25 2007**

**SUP:**  
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**DATED:**

