

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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												
RIJEW (IAF)	FELPO (NOPT) (FB)	143.05 / 9.00	3000	LPV: DA LNAV/VNAV: DA LNAV: RW21											
OYUNO (IAF)	FELPO (NOPT) (FB)	283.25 / 9.00	3000												
FELPO (IF/IAF)	ISFUR (FB)	213.20 / 7.00	2600	CLIMB TO 3000 DIRECT COXIT AND HOLD.											
ISFUR (FAF)	XOPEW/2.30 NM TO RW21 (FB)	213.16 / 2.60													
XOPEW/2.30 NM TO RW21	RW21 (MAP) (FO)	213.16 / 2.30		ADDITIONAL FLIGHT DATA: HOLD SW, RT, 033.10 INBOUND. CHART FAS OBST: 1191 TOWER 380514N/0835716W CHART 1425 TOWER 380602N/0835644W. DISTANCE TO THLD FROM 250 HATH: 0.61 NM. CHART VDP AT 1.32 MILES TO RW21* *LNAV ONLY. WAAS CHANNEL # 42830 REFERENCE PATH ID: W21A LTP HAE: 266.9 M											
RW21 (MAP)	1234 MSL	213.15													
1234 MSL	COXIT (FO)		3000												
1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF) 2. HOLD NE FELPO, RT, 213.20 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: 213.16 FAF: ISFUR DIST FAF TO MAP: 4.90 THLD: 4.90 4. MIN. ALT: FELPO 3000, ISFUR 2600, XOPEW/2.30 NM TO RW21 1760* 5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT: 6. MIN GS INCPT: 2600 GS ALT AT: ISFUR 2600 OM: MM: IM: 7. GS ANGLE: 3.00 TCH: 56.6 34:1 IS NOT CLEAR 8. MSA FROM:				MAG VAR: 6W EPOCH YEAR: 2015											
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A X											
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	1234	3/4	250	1234	3/4	250	1234	3/4	250	1234	3/4	250			
LNAV/VNAV DA	1457	1 5/8	473	1457	1 5/8	473	1457	1 5/8	473	1457	1 5/8	473			
LNAV MDA	1460	1	476	1460	1	476	1460	1 3/8	476	1460	1 3/8	476			
CIRCLING	1540	1	521	1560	1	541	1740	2	721	1740	2 1/4	721			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LEXINGTON ALTIMETER SETTING AND INCREASE ALL DA/MDA 80 FT AND ALL VISIBILITIES 1/4 MILE. (SEE FORM 8260-10)															
CITY AND STATE		ELEVATION: 1019 THRE: 984		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMD'T NO./EFFECTIVE DATE:				SUP:					
MOUNT STERLING, KY		AIRPORT NAME:				RNAV (GPS) RWY 21, ORIG				AMD'T: NONE					
		MOUNT STERLING-MONTGOMERY COUNTY				19 SEPTEMBER 2013				DATED					

QUALITY
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NOTES, (CONT.):

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING LEXINGTON ALTIMETER SETTING.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

TAA

	FROM	TO	ALT
1.	143/30 CW 283/30 (NOPT)	FELPO (IF/IAF) (FB)	3000
2.	283/30 CW 033/30	OYUNO (IAF) (FB)	3600
3.	033/30 CW 143/30	RIJEV (IAF) (FB)	3100

QUALITY
9
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CITY AND STATE
MOUNT STERLING, KY

ELEVATION: 1019 THRE: 984
AIRPORT NAME:
MOUNT STERLING-MONTGOMERY COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 21, ORIG
19 SEPTEMBER 2013

SUP:
AMDT: NONE
DATED:

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

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KIOB
RUNWAY	RW21
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W21A
LTP/FTP LATITUDE	380351.2775N
LTP/FTP LONGITUDE	0835832.2110W
LTP/FTP ELLIPSOIDAL HEIGHT	+02669
FPAP LATITUDE	380231.8900N
FPAP LONGITUDE	0835923.6400W
THRESHOLD CROSSING HEIGHT (TCH)	00056.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

DD3DCA56

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02998
FPAP ORTHOMETRIC HEIGHT	+02998

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CITY AND STATE MOUNT STERLING, KY	ELEVATION: 1019	THRE: 984	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 21, ORIG 19 SEPTEMBER 2013	SUP:
	AIRPORT NAME: MOUNT STERLING-MONTGOMERY COUNTY				AMDT: NONE
					DATED:

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KIOBK5FR21	AFELPO	010FELPOK5EA0EE	AR	HF		21320040	+	03000	18000		A	JS
SUSAP	KIOBK5FR21	AOYUNO	010OYUNOK5EA0E	A	IF					18000		A	JS
SUSAP	KIOBK5FR21	AOYUNO	020FELPOK5EA0EE	B	010TF		28330090	+	03000			A	JS
SUSAP	KIOBK5FR21	ARIJEW	010RIJEWK5EA0E	A	IF					18000		A	JS
SUSAP	KIOBK5FR21	ARIJEW	020FELPOK5EA0EE	B	010TF		14310090	+	03000			A	JS
SUSAP	KIOBK5FR21	R	010FELPOK5EA0E	I	IF			+	03000	18000		A	JS
SUSAP	KIOBK5FR21	R	020ISFURK5EA1E	F	051TF		21320070	+	02600			A	JS
SUSAP	KIOBK5FR21	R	020ISFURK5EA2WALPV			ALNAV/VNAV	ALNAV						JS
SUSAP	KIOBK5FR21	R	021XOPEWK5EA0E	S	031TF		21320026	V	0176001773		-300	A	JS
SUSAP	KIOBK5FR21	R	030RW21	KSPGOGY	M	031TF	21320023		01040		-300	A	JS
SUSAP	KIOBK5FR21	R	040		0	M	2132	+	01234			A	JS
SUSAP	KIOBK5FR21	R	050COXITK5EA0EY		DF			+	03000			A	JS
SUSAP	KIOBK5FR21	R	060COXITK5EA0EE	R	HM		03310040	+	03000			A	JS

[illegible][illegible]

QUALITY
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SUP:	
AMDT:	NONE
DATED:	

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

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	FELPO	FELPO	010	IAF	HF	R	FO		213.2 (207.2T)	004.0	AA 03000	
	OYUNO	OYUNO	010	IAF	IF		FB					
	OYUNO	FELPO	020		TF		FB	1.0	283.3 (277.3T)	009.0	AA 03000	
	RIJEW	RIJEW	010	IAF	IF		FB					
	RIJEW	FELPO	020		TF		FB	1.0	143.1 (137.1T)	009.0	AA 03000	
		FELPO	010	FACF	IF		FB				AA 03000	
		ISFUR	020	FAF	TF		FB	0.5	213.2 (207.2T)	007.0	AA 02600	
		XOPEW	021	SDF	TF		FB	0.3	213.2 (207.2T)	002.6	AA 01760 GS 01773	
		RW21	030	MAP	TF		FO	0.3	213.2 (207.2T)	002.3	AT 01040	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		213.2 (207.2T)		AA 01234	
	COXIT	050		DF		FO				AA 03000	
	COXIT	060		HM	R	FO		033.1 (027.1T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	COXIT	N375234.35	W0840550.04	N3752.573	W08405.834
	FELPO	N381427.21	W0835138.94	N3814.454	W08351.649
	ISFUR	N380813.05	W0835542.37	N3808.218	W08355.706
	OYUNO	N381319.57	W0834018.99	N3813.326	W08340.317
	RIJEW	N382103.14	W0835925.96	N3821.052	W08359.433
	XOPEW	N380554.22	W0835712.49	N3805.904	W08357.208
	RW21	N380351.28	W0835832.21	N3803.855	W08358.537

RUNWAY DATA	THRESHOLD	
RWY	ELEVATION	TCH
RW21	00984	57

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