

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: RW18							
JOMEM (IF/IAF)		ZEMAK (FB)		177.86 / 6.61		2100		CLIMB TO 2100 DIRECT EWOPO AND HOLD.							
ZEMAK (FAF)		WAMVI/3.00 NM TO RW18 (FB)		177.84 / 3.02											
WAMVI/3.00 NM TO RW18		RW18 (MAP) (FO)		177.84 / 3.00				ADDITIONAL FLIGHT DATA: HOLD S, LT, 357.86 INBOUND. CHART FAS OBST: 249 TREE 334630N/0904500W 341 AAO 334927N/0904500W DISTANCE TO THLD FROM 250 HATH: 0.65 NM. CHART VDP AT 1.00 MILES TO RW18* *LNAV ONLY. WAAS CHANNEL # 58322 REFERENCE PATH ID: W18A CHART CIRCLING ICON LTP HAE: 16 M							
RW18 (MAP)		390 MSL		177.84											
390 MSL		EWOPO (FO)				2100									
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)								MAG VAR: 0E EPOCH YEAR: 2010							
2. HOLD N JOMEM, RT, 177.86 INBOUND, 2100 FT. IN LIEU OF PT (IAF)															
3. FAC: <u>177.84</u> FAF: <u>ZEMAK</u> DIST FAF TO MAP: <u>6.02</u> THLD: <u>6.02</u>															
4. MIN. ALT: JOMEM 2100, ZEMAK 2100, WAMVI/3.00 NM TO RW18 1120*															
5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u>															
6. MIN GS INCPT: <u>2100</u> GS ALT AT: <u>ZEMAK 2100</u> OM: <u> </u> MM: <u> </u> IM: <u> </u>															
7. GS ANGLE: <u>3.00</u> TCH: <u>42.3</u> 34:1 IS NOT CLEAR															
8. MSA FROM: <u> </u>															
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	390	7/8	250	390	7/8	250	390	7/8	250	390	7/8	250			
LNAV/VNAV DA	549	1 3/8	409	549	1 3/8	409	549	1 3/8	409	549	1 3/8	409			
LNAV	500	1	360	500	1	360	500	1	360	500	1	360			
CIRCLING	600	1	460	600	1	460	900	2 1/4	760	900	2 1/2	760			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GREENVILLE ALTIMETER SETTING AND INCREASE LPV DA TO 438, LNAV/VNAV DA TO 597, AND ALL MDA 60 FEET; INCREASE LPV ALL CATS AND LNAV (SEE FORM 8260-10) @ CAT C 800-2 1/4, CAT D 800-2 1/2 @ NA WHEN LOCAL WEATHER NOT AVAILABLE.															
CITY AND STATE		ELEVATION: 140 THRE: 140		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP: RNAV (GPS) RWY 17					
CLEVELAND, MS		AIRPORT NAME: CLEVELAND MUNI				RNAV (GPS) RWY 18, AMDT 1				AMDT: ORIG					
						3 APRIL 2014				DATED 07/28/2011					

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

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NOTES, (CONT.):

CATS C/D VISIBILITY 1/8 MILE, INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE.
 CHART NOTE: BARO-VNAV AND VDP NA WHEN USING GREENVILLE ALTIMETER SETTING.
 CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

TAA

	FROM	TO	ALT
1.	088/30 CW 268/30 (NOPT)	JOMEM (IAF) (FB)	2100
2.	268/30 CW 088/30	268/14 CW 088/14	2200
3.	268/14 CW 088/14	JOMEM (IAF) (FO)	2100

CITY AND STATE

CLEVELAND, MS

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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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	KRNV
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	334609.8155N
LTP/FTP LONGITUDE	0904529.6965W
LTP/FTP ELLIPSOIDAL HEIGHT	+00160
FPAP LATITUDE	334440.6175N
FPAP LONGITUDE	0904525.6685W
THRESHOLD CROSSING HEIGHT (TCH)	00042.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1232
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

5F68C6DB

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00425
FPAP ORTHOMETRIC HEIGHT	+00425

CITY AND STATE

CLEVELAND, MS

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PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 18, AMDT 1

3 APRIL 2014

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[illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KRNVK7FR18	AJOMEM	010JOMEMK7EA0EE	AR	HF		17790040	+	02100	18000		A	JS
SUSAP	KRNVK7FR18	R	010JOMEMK7EA0E	I	IF			+	02100	18000		A	JS
SUSAP	KRNVK7FR18	R	020ZEMAKK7EA1E	F	051TF		17790066	+	02100			A	JS
SUSAP	KRNVK7FR18	R	020ZEMAKK7EA2WALPV			ALNAV/VNAV						JS	
SUSAP	KRNVK7FR18	R	021WAMVIK7EA0E	S	031TF		17780030	V	0112001137	-300		A	JS
SUSAP	KRNVK7FR18	R	030RW18	K7PGOGY	M	031TF	17780030		00182	-300		A	JS
SUSAP	KRNVK7FR18	R	040		O	M	1778	+	00390			A	JS
SUSAP	KRNVK7FR18	R	050EWOPOK7EA0EY		DF			+	02100			A	JS
SUSAP	KRNVK7FR18	R	060EWOPOK7EA0EE	L	HM		35790040	+	02100			A	JS

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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
	JOMEM	JOMEM	010	IAF	HF	R	FO		177.9 (177.9T)	004.0	AA 02100	
		JOMEM	010	FACF	IF		FB				AA 02100	
		ZEMAK	020	FAF	TF		FB	0.5	177.9 (177.9T)	006.6	AA 02100	
		WAMVI	021	SDF	TF		FB	0.3	177.8 (177.8T)	003.0	AA 01120	GS 01137
		RW18	030	MAP	TF		FO	0.3	177.8 (177.8T)	003.0	AT 00182	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		177.8 (177.8T)		AA 00390	
	EWOP0	050		DF		FO				AA 02100	
	EWOP0	060		HM	L	FO		357.9 (357.9T)	004.0	AA 02100	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	EWOP0	N333231.47	W0904452.99	N3332.525	W09044.883
	JOMEM	N335848.74	W0904603.89	N3358.812	W09046.065
	WAMVI	N334910.01	W0904537.84	N3349.167	W09045.631
	ZEMAK	N335211.62	W0904546.06	N3352.194	W09045.768
	RW18	N334609.82	W0904529.70	N3346.164	W09045.495

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18	00140	42

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