

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	
MEM VORTAC	LAURI (FO)	359.63 / 13.65	3900	LPV: DA LNAV/VNAV: DA LNAV: RW18C
MIOLA	TUNIE (FB)	238.35 / 25.24	3900	
GQE VOR/DME	ZOKOR (FB)	105.90 / 17.70	3900	
ZOKOR (IAF)	LAURI (NOPT) (FB)	096.92 / 7.61	3900	CLIMB TO 5000 DIRECT CEDEN AND VIA TRACK 135.26 TO KEEZE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000.
TUNIE (IAF)	LAURI (NOPT) (FB)	258.45 / 7.14	3900	
LAURI (IF/IAF)	JALDO (FB)	178.01 / 6.10	2000	
				ADDITIONAL FLIGHT DATA: HOLD SE, RT, 331.00 INBOUND. CHART FAS OBST: 398 TOWER 350343N/0895802W CHART FAS OBST: 624 ATCT 350259N/0895854W DISTANCE TO THLD FROM 375 HAT: 1.07 NM. CHART VDP AT 1.75 MILES TO RW18C* *LNAV ONLY. WAAS CHANNEL # 97507 REFERENCE PATH ID: W18D

- PT        SIDE OF COURSE        OUTBOUND        FT WITHIN        MILES OF        (IAF)
- HOLD N LAURI, LT, 178.01 INBOUND, 3900 FT. IN LIEU OF PT (IAF)
- FAC: 178.01 FAF: JALDO DIST FAF TO MAP: 5.19 THLD: 5.19
- MIN. ALT: LAURI 3900, JALDO 2000
- DIST TO THLD FROM OM:        MM:        IM:        150 HAT:        100 HAT:        GS ANT:
- MIN GS INCPT: 2000 GS ALT AT: JALDO 2000 OM:        MM:        IM:
- GS ANGLE: 3.00 TCH: 53.7 34:1 IS CLEAR
- MSA FROM: RW18C 2500

MAG VAR: 1E EPOCH YEAR: 2000

MINIMUMS															
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
LPV DA	665	4000	375	665	4000	375	665	4000	375	665	4000	375			
LNAV/VNAV DA	741	6000	451	741	6000	451	741	6000	451	741	6000	451			
LNAV MDA	880	2400	590	880	2400	590	880	5000	590	880	6000	590			
CIRCLING	940	1	599	940	1	599	940	1 1/2	599	940	2	599			

NOTES:  
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY TO RVR 6000.  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F).  
CHART NOTE: DME/DME RNP-0.3 NA.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MIOLA VIA V11 NORTHBOUND.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON GQE VOR/DME AIRWAY RADIALS 050 CW 121.

CITY AND STATE	ELEVATION: 341 TDZE: 290	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Z RWY 18C, AMDT 2 02 JUL 2009	SUP: RNAV (GPS) RWY 18C AMDT: 1 DATED 07/31/2008
MEMPHIS, TN	AIRPORT NAME: MEMPHIS INTL			

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FAS DATA BLOCK INFORMATION

DATA FIELD

OPERATION TYPE  
SBAS SERVICE PROVIDER IDENTIFIER  
AIRPORT IDENTIFIER  
RUNWAY  
APPROACH PERFORMANCE DESIGNATOR  
ROUTE INDICATOR  
REFERENCE PATH DATA SELECTOR  
REFERENCE PATH IDENTIFIER (APPROACH ID)  
LTP/FTP LATITUDE  
LTP/FTP LONGITUDE  
LTP/FTP ELLIPSOIDAL HEIGHT  
FPAP LATITUDE  
FPAP LONGITUDE  
THRESHOLD CROSSING HEIGHT (TCH)  
TCH UNITS SELECTOR (METERS OR FEET USED)  
GLIDEPATH ANGLE (GPA)  
COURSE WIDTH AT THRESHOLD  
LENGTH OFFSET  
HORIZONTAL ALERT LIMIT (HAL)  
VERTICAL ALERT LIMIT (VAL)

DATA

0  
0  
KMEM  
RW18C  
0  
Z  
0  
W18D  
350316.5390N  
0895834.2145W  
+00551  
350120.1200N  
0895831.7600W  
00053.7  
F  
03.00  
106.75  
0200  
40.0  
50.0

CRC REMAINDER

76988146

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE  
LTP ORTHOMETRIC HEIGHT  
FPAP ORTHOMETRIC HEIGHT

K7  
+00825  
+00825

CITY AND STATE MEMPHIS, TN	ELEVATION: 341 TDZE: 290 AIRPORT NAME: MEMPHIS INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) Z RWY 18C, AMDT 2 02 JUL 2009	SUP: RNAV (GPS) RWY 18C
				AMDT: 1
				DATED: 07/31/2008

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[illegible]

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SUSAP KMEMK7FR18CZ R 050KEEZ EK7EA0EY 010TF  
SUSAP KMEMK7FR18CZ R 060KEEZ EK7EA0EE HR020HM

1353 + 05000  
33100050 + 05000

A JS  
A JS

1 2 3 4 5 6 7 8 9 0 1 2 3  
RUNWAY 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KMEMK7GRW18C 0111201780 N35031654W089583421+0600 +0055100271000054150I

1 2 3 4 5 6 7 8 9 0 1 2 3  
PP 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KMEMK7PR18CZ RW18C001Z00000W18D0N3503165390W08958342145+005510300N3501201200W08958317600106750200000537F40050076988146  
SUSAP KMEMK7PR18CZ RW18C002E +00825+00825LPV 97507 000

1 2 3 4 5 6 7 8 9 0 1 2 3  
MSA 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KMEMK7SRW18CK7PG 0 18018002525

M

CITY AND STATE  
MEMPHIS, TN

ELEVATION: 341 TDZE: 290  
AIRPORT NAME:  
MEMPHIS INTL

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  
RNAV (GPS) Z RWY 18C, AMDT 2  
02 JUL 2009

SUP: RNAV (GPS) RWY  
18C  
AMDT: 1  
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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	GQE	GQE	010		IF		FB				
	GQE	ZOKOR	020	IAF	TF		FB	2.0	105.9 (107T)	017.7	03900
	GQE	LAURI	030		TF		FB	1.0	096.9 (098T)	007.6	03900
	MEM	MEM	010		IF		FB				
	MEM	LAURI	020		TF		FO	2.0	359.6 (001T)	013.7	03900
	MEM	LAURI	030		HF	L	FO		178.0 (179T)	004.0	03900
	MIOLA	MIOLA	010		IF		FB				
	MIOLA	TUNIE	020	IAF	TF		FB	2.0	238.4 (239T)	025.2	03900
	MIOLA	LAURI	030		TF		FB	1.0	258.5 (260T)	007.1	03900
		LAURI	010	FACF	IF		FB				03900
		JALDO	020	FAF	TF		FB	0.5	178.0 (179T)	006.1	02000
		RW18C	030	MAP	TF		FO	0.3	178.0 (179T)	005.2	00325

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CEDEN	040		DF		FB	1.0			
	KEEZE	050		TF		FO	1.0	135.3 (136T)		05000
	KEEZE	060		HM	R	FO	2.0	331.0 (332T)	005.0	05000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	GQE	N352049.31	W0902841.37	N3520.822	W09028.690
	MEM	N350054.42	W0895859.55	N3500.907	W08958.993
	CEDEN	N345618.93	W0895825.45	N3456.316	W08958.424
	JALDO	N350828.22	W0895840.77	N3508.470	W08958.680
	KEEZE	N345140.42	W0895302.25	N3451.674	W08953.038
	LAURI	N351434.92	W0895848.50	N3514.582	W08958.808
	MIOLA	N352850.14	W0892343.44	N3528.836	W08923.724
	TUNIE	N351553.78	W0895014.58	N3515.896	W08950.243
	ZOKOR	N351538.35	W0900800.90	N3515.639	W09008.015
	RW18C	N350316.54	W0895834.21	N3503.276	W08958.570

RUNWAY DATA	THRESHOLD	
RWY	ELEVATION	TCH
RW18C	00271	54

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	AIRPORT NAME: <b>MEMPHIS INTL</b>				AMDT: <b>1</b>
					DATED: <b>07/31/2008</b>