

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				
SYI VOR/DME	VADOW (FB)	023.40 / 24.36	3000	LP: RW19 LNAV: RW19			
VADOW	YOJIM (FB)	357.79 / 14.27	3000				
LENON	YOJIM (FB)	213.40 / 7.34	3000	CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 3000 DIRECT VADOW AND HOLD.			
YOJIM (IAF)	WULIG (FB)	271.43 / 7.53	3000				
WULIG (IF)	ZIGRI (FB)	219.46 / 5.74	2200				
ZIGRI (FAF)	OGEUCU/1.80 NM TO RW19 (FB)	190.01 / 3.33		ADDITIONAL FLIGHT DATA: HOLD NE, RT, 231.30 INBOUND. CHART FAS OBST: 617 TREE 360120N/0863120W CHART FAS OBST: 669 TREE 360243N/0863019W 929 AAO 360542N/0862849W 919 AAO 360530N/0862900W WAAS CHANNEL # 42932 REFERENCE PATH ID: W19A OGEUCU TO RW19: 3.00/45. CHART CIRCLING ICON CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 3.88 DEGREES. FAC 203L OF RWY C/L EXTENDED 3000 FROM THLD. LTP HAE: 130 M			
(SEE FORM 8260-10)							

1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)	
2. PROFILE STARTS AT WULIG	
3. FAC: <u>190.01</u> FAF: <u>ZIGRI</u> DIST FAF TO MAP: <u>5.13</u> THLD: <u>5.13</u>	
4. MIN. ALT: <u>WULIG 3000, ZIGRI 2200, OGEUCU/1.80 NM TO RW19 1140</u>	
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> </u> GS ALT AT: <u> </u> OM: <u> </u> MM: <u> </u> IM: <u> </u>	
7. GS ANGLE: <u> </u> TCH: <u>34:1</u> IS NOT CLEAR	
8. MSA FROM: <u>RW19 3400</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
LP MDA	880	1	359	880	1	359	880	1	359	880	1	359			
LNAV MDA	920	1	399	920	1	399	920	1 1/8	399	920	1 1/8	399			
CIRCLING	1100	1	557	1200	1	657	1240	2	697	1480	3	937			

NOTES:
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON SYI VOR/DME AIRWAY RADIALS 046 CW 080.
 CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
 CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED
 (SEE FORM 8260-10)

@ CAT D 1000-3
 @ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE SMYRNA, TN	ELEVATION: 543	THRE: 521	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 19, ORIG 19 SEPTEMBER 2013	SUP: AMDT: NONE DATED
	AIRPORT NAME: SMYRNA				

QUALITY
4
CHECKED

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
OGEU/1.80 NM TO RW19	RW19 (MAP) (FO)	190.01 / 1.80	
RW19 (MAP)	1000 MSL	190.01	1000
1000 MSL	VADOW (FO)		3000

NOTES, (CONT.):

CHART NOTE: STRAIGHT IN MINIMUMS NA AT NIGHT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NASHVILLE INTL ALTIMETER SETTING AND INCREASE ALL MDA 40 FT AND INCREASE LP AND LNAV CAT C/D VISIBILITY 1/8 MILE.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LENON ON V140 EASTBOUND.

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	AIRPORT NAME: SMYRNA				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
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP LATITUDE
LTP 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)

0
0
KMQY
RW19
0
0
W19A
360056.9475N
0863111.2605W
+01300
355928.5900N
0863126.5600W
00045.0
F
03.00
106.75
0000
40.0
0.0

CRC REMAINDER

C3AAEA27

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K7
+01589
+01589

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4
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CITY AND STATE

SMYRNA, TN

ELEVATION: 543

THRE: 521

AIRPORT NAME:

SMYRNA

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 19, ORIG

19 SEPTEMBER 2013

SUP:

AMDT: NONE

DATED:

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KMQYK7FR19	ALENON	010LENONK7EA0E	IF						18000		A JS	
SUSAP	KMQYK7FR19	ALENON	020YOJIMK7EA0E	A 020TF		21340073		+ 03000				A JS	
SUSAP	KMQYK7FR19	ALENON	030WULIGK7EA0EE	B 010TF		27140075		+ 03000				A JS	
SUSAP	KMQYK7FR19	ASYI	010SYI K7D 0V	IF						18000		A JS	
SUSAP	KMQYK7FR19	ASYI	020VADOWK7EA0E	020TF		02340244		+ 03000				A JS	
SUSAP	KMQYK7FR19	ASYI	030YOJIMK7EA0E	A 020TF		35780143		+ 03000				A JS	
SUSAP	KMQYK7FR19	ASYI	040WULIGK7EA0EE	B 010TF		27140075		+ 03000				A JS	
SUSAP	KMQYK7FR19	R	010WULIGK7EA0E	I IF				+ 03000		18000		A JS	
SUSAP	KMQYK7FR19	R	020ZIGRIK7EA1E	F 051TF		21950057		+ 02200			RW19	K7PGA JS	
SUSAP	KMQYK7FR19	R	020ZIGRIK7EA2WALP		N	ALNAV						JS	
SUSAP	KMQYK7FR19	R	0210GECUK7EA0E	S 031TF		19000033		V 0114001140		-300		A JS	
SUSAP	KMQYK7FR19	R	030RW19 K7PGOGY	M 031TF		19000018		00566		-300		A JS	
SUSAP	KMQYK7FR19	R	040	0 M CA		1900		+ 01000				A JS	
SUSAP	KMQYK7FR19	R	050VADOWK7EA0EY	L DF				+ 03000				A JS	
SUSAP	KMQYK7FR19	R	060VADOWK7EA0EE	R HM		23130060		+ 03000				A JS	

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FLIGHT STANDARDS SERVICES - FAR PART 97.33

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	1	2	3	4	5	6	7	8	9	0	1	2	3
PP	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KMQYK7PR19	RW19 001 0000W19A0N3600569475W08631112605+01300C300N3559285900W08631265600106750000000450F400000C3AAEA27											
	SUSAP KMQYK7PR19	RW19 002E +01589+01589LP 42932											

	1	2	3	4	5	6	7	8	9	0	1	2	3
MSA	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KMQYK7SRW19 K7PG	0 18018003425	M										

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	AIRPORT NAME: SMYRNA			AMDT: NONE
	THRE: 521			DATED:

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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
	LENON	LENON	010		IF		FB					
	LENON	YOJIM	020	IAF	TF		FB	2.0	213.4 (211.4T)	007.3	AA 03000	
	LENON	WULIG	030		TF		FB	1.0	271.4 (269.4T)	007.5	AA 03000	
	SYI	SYI	010		IF		FB					
	SYI	VADOW	020		TF		FB	2.0	023.4 (021.4T)	024.4	AA 03000	
	SYI	YOJIM	030	IAF	TF		FB	2.0	357.8 (355.8T)	014.3	AA 03000	
	SYI	WULIG	040		TF		FB	1.0	271.4 (269.4T)	007.5	AA 03000	
		WULIG	010	FACF	IF		FB				AA 03000	
		ZIGRI	020	FAF	TF		FB	0.5	219.5 (217.5T)	005.7	AA 02200	
		OGECU	021	SDF	TF		FB	0.3	190.0 (188.0T)	003.3	AA 01140 GS 01140	
		RW19	030	MAP	TF		FO	0.3	190.0 (188.0T)	001.8	AT 00566	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		190.0 (188.0T)		AA 01000	
	VADOW	050		DF	L	FO				AA 03000	
	VADOW	060		HM	R	FO		231.3 (229.3T)	006.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	SYI	N353343.12	W0862620.95	N3533.719	W08626.349
	LENON	N361657.51	W0861158.33	N3616.959	W08611.972
	OGECU	N360244.05	W0863052.73	N3602.734	W08630.879
	VADOW	N355625.53	W0861524.21	N3556.426	W08615.404
	WULIG	N361036.00	W0862600.00	N3610.600	W08626.000
	YOJIM	N361040.86	W0861641.84	N3610.681	W08616.697
	ZIGRI	N360602.24	W0863018.39	N3606.037	W08630.307
	RW19	N360056.95	W0863111.26	N3600.949	W08631.188

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW19	00521	45

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	AIRPORT NAME: SMYRNA				AMDT: NONE
					DATED: