

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: RW32 CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 3000 DIRECT JOPIV AND HOLD. ADDITIONAL FLIGHT DATA: CHART FAS OBST: 700 TANK 360027N/0863027W 839 AAO 355705N/0862543W DISTANCE TO THLD FROM 200 HATH: 0.47 NM. CHART VDP AT 1.17 MILES TO RW32* *LNAV ONLY. WAAS CHANNEL # 93512 REFERENCE PATH ID: W32A CHART CIRCLING ICON. LTP HAE: 128.8 M				
JOPIV (IF/IAF)		SHEHL (FB)		321.24 / 7.29		2100						
SHEHL (FAF)		UJIVA/1.80 NM TO RW32 (FB)		321.19 / 3.01								
UJIVA/1.80 NM TO RW32		RW32 (MAP) (FO)		321.19 / 1.80								
RW32 (MAP)		1500 MSL		321.19		3000						
1500 MSL		JOPIV (FO)										
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD SE JOPIV, RT, 321.24 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>321.19</u> FAF: <u>SHEHL</u> DIST FAF TO MAP: <u>4.81</u> THLD: <u>4.81</u> 4. MIN. ALT: JOPIV 3000, SHEHL 2100, UJIVA/1.80 NM TO RW32 1140* 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>SHEHL 2100</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>51.2</u> 34:1 IS CLEAR 8. MSA FROM: <u> </u>								MAG VAR: 2W EPOCH YEAR: 1995				
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
LPV DA	717	1/2	200	717	1/2	200	717	1/2	200	717	1/2	200
LNAV/VNAV DA	966	1	449	966	1	449	966	1	449	966	1	449
LNAV MDA	960	1/2	443	960	1/2	443	960	7/8	443	960	7/8	443
CIRCLING	1100	1	557	1200	1	657	1260	2	717	1480	3	937
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. CHART NOTE: FOR INOPERATIVE MALSR WHEN USING NASHVILLE INTL ALTIMETER SETTING, INCREASE LNAV/VNAV (SEE FORM 8260-10)												
CITY AND STATE		ELEVATION: 543 THRE: 517		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:		
SMYRNA, TN		AIRPORT NAME: SMYRNA				RNAV (GPS) RWY 32, AMDT 1 24 JULY 2014				AMDT: ORIG-B		
										DATED 02/28/2013		

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

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NOTES, (CONT.):

ALL CATS VISIBILITY TO 1 5/8 MILE.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NASHVILLE INTL ALTIMETER SETTING AND INCREASE LPV DA TO 749 FEET, LNAV/VNAV DA TO 998 FEET, AND ALL MDA 40 FEET; INCREASE LNAV CATS C/D VISIBILITY 1/8 MILE AND INCREASE CIRCLING CAT C VISIBILITY 1/4 MILE.

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

TAA

	FROM	TO	ALT
1.	231/30 CW 051/30 (NOPT)	231/12 CW 051/12	4400
2.	231/12 CW 051/12	JOPIV (IF/IAF) (FB)	3000
3.	051/30 CW 231/30	JOPIV (IF/IAF) (FO)	3100

CITY AND STATE
SMYRNA, TN

ELEVATION: 543 THRE: 517
AIRPORT NAME:
SMYRNA

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 32, AMDT 1
24 JULY 2014

SUP:
AMDT: ORIG-B
DATED: 02/28/2013

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 KMQY
RUNWAY RW32
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W32A
LTP/FTP LATITUDE 360004.0870N
LTP/FTP LONGITUDE 0863039.3695W
LTP/FTP ELLIPSOIDAL HEIGHT +01288
FPAP LATITUDE 360111.5760N
FPAP LONGITUDE 0863151.2120W
THRESHOLD CROSSING HEIGHT (TCH) 00051.2
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 0296
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 35.0

CRC REMAINDER

B33E836B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K7
LTP ORTHOMETRIC HEIGHT +01577
FPAP ORTHOMETRIC HEIGHT +01577

CITY AND STATE

SMYRNA, TN

ELEVATION: 543

THRE: 517

AIRPORT NAME:

SMYRNA

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 32, AMDT 1

24 JULY 2014

SUP:

AMDT: ORIG-A

DATED: 11/18/2010

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 visibility which are in statute miles or in feet RVR.

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KMQYK7FR32	AJOPIV	010JOPIVK7EA0EE	AR	HF			32120040	+	03000	18000		A	JS
SUSAP KMQYK7FR32	R	010JOPIVK7EA0E	I	IF				+	03000	18000		A	JS
SUSAP KMQYK7FR32	R	020SHEHLK7EA1E	F	051TF			32120073	+	02100			A	JS
SUSAP KMQYK7FR32	R	020SHEHLK7EA2WALPV			ALNAV/VNAV	ALNAV						JS	
SUSAP KMQYK7FR32	R	021UJIVAK7EA0E	S	031TF			32120030	V	0114001142	-300		A	JS
SUSAP KMQYK7FR32	R	030RW32 K7PG0GY	M	031TF			32120018		00569	-300		A	JS
SUSAP KMQYK7FR32	R	040	0	M	CA		3212	+	01500			A	JS
SUSAP KMQYK7FR32	R	050JOPIVK7EA0EY	R	DF				+	03000			A	JS
SUSAP KMQYK7FR32	R	060JOPIVK7EA0EE	R	HM			32120040	+	03000			A	JS

[illegible][illegible]

CITY AND STATE SMYRNA, TN	ELEVATION: 543	THRE: 517	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: SMYRNA			RNAV (GPS) RWY 32, AMDT 1	AMDT: ORIG-B
			RNAV	24 JULY 2014	DATED: 02/28/2013

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
	JOPIV	JOPIV	010	IAF	HF	R	FO		321.2 (319.2T)	004.0	AA 03000	
		JOPIV	010	FACF	IF		FB				AA 03000	
		SHEHL	020	FAF	TF		FB	0.5	321.2 (319.2T)	007.3	AA 02100	
		UJIVA	021	SDF	TF		FB	0.3	321.2 (319.2T)	003.0	AA 01140 GS 01142	
		RW32	030	MAP	TF		FO	0.3	321.2 (319.2T)	001.8	AT 00569	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		321.2 (319.2T)		AA 01500	
	JOPIV	050		DF	R	FO				AA 03000	
	JOPIV	060		HM	R	FO		321.2 (319.2T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	JOPIV	N355053.73	W0862055.25	N3550.896	W08620.921
	SHEHL	N355625.44	W0862646.94	N3556.424	W08626.782
	UJIVA	N355842.27	W0862912.33	N3558.705	W08629.206
	RW32	N360004.09	W0863039.37	N3600.068	W08630.656

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW32	00517	51

CITY AND STATE
SMYRNA, TN

ELEVATION: **543** **THRE: 517**
 AIRPORT NAME:
SMYRNA

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
RNAV (GPS) RWY 32, AMDT 1
24 JULY 2014

SUP:	
AMDT:	ORIG-B
DATED:	02/28/2013