

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				RNAV (RNP) - 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		RNP: DA					
GILME (IF)		USISE (TF) (FB) (RNP 1.00)		136.27 / 4.37				4000		CLIMB TO 3100 ON TRACK 316.31 TO JARAS AND HOLD.					
USISE		NEZRU (RF) (FB) (RNP 1.00)		(2.50 NM RADIUS CCW (CFVTC))/2.37				3500							
BGEDD (IF)		NEZRU (TF) (FB) (RNP 1.00)		081.97 / 3.28				3500		ADDITIONAL FLIGHT DATA: HOLD NW, RT, 136.17 INBOUND. CHART FAS OBST: 717 T-L TWR 360622N/0863929W CHART FAS OBST: 705 TOWER 360558N/0863934W CHART: 711 TOWER 360627N/0863928W DISTANCE TO THLD FROM 448 HATH: 1.24 NM. ROUTE TYPE: A,H ROUTE TYPE QUALIFIER 1: F ROUTE TYPE QUALIFIER 2: S #TCH 629.5 MSL (DO NOT CHART) CHART MANDATORY 4000 AT MUGEE CHART MANDATORY 5000 AT GILME CHART MANDATORY 4000 AT BGEDD CHART MINIMUM 4000 AT ONUGE CHART MANDATORY 4000 AT USISE					
NEZRU		ZEVEM (RF) (FB) (RNP 1.00)		(2.50 NM RADIUS CCW (CFVTC))/2.74				2600							
ZEVEM		COVBI (RF) (FB) (RNP 1.00)		(2.50 NM RADIUS CCW (CFVTC))/2.74				1700							
(SEE FORM 8260-10)															
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)										MAG VAR: 3W EPOCH YEAR: 2010					
2. PROFILE STARTS AT COVBI _____															
3. FAC: 316.35 FAF: _____ DIST FAF TO MAP: _____ THLD: _____															
4. MIN. ALT: COVBI 1700															
5. DIST TO THLD FROM OM: 3.36 MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____															
6. MIN GS INCPT: 1700 GS ALT AT: COVBI 1700 OM: _____ MM: _____ IM: _____															
7. GS ANGLE: 3.00 TCH: 52.1 # 34:1 IS CLEAR															
8. MSA FROM: RW31 3100															
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
AUTHORIZATION REQUIRED															
RNP 0.25 DA	1025	1 1/2	448	1025	1 1/2	448	1025	1 1/2	448	1025	1 1/2	448			
RNP 0.30 DA	1099	1 3/4	522	1099	1 3/4	522	1099	1 3/4	522	1099	1 3/4	522			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -16C (4F) OR ABOVE 54C (130F). CHART NOTE: GPS REQUIRED. CHART PLANVIEW NOTE AT GILME : MAX 210 KIAS. CHART PLANVIEW NOTE AT BGEDD : MAX 210 KIAS. (SEE FORM 8260-10)															
CITY AND STATE		ELEVATION: 599 THRE: 577				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
NASHVILLE, TN		AIRPORT NAME: NASHVILLE INTL						RNAV (RNP) Z RWY 31, AMDT 1 13 DECEMBER 2012				AMDT: ORIG-A DATED 06/30/2011			

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

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ONUGE (IF)	CUSUT (TF) (FB) (RNP 0.50)	316.44 / 5.81	2500
CUSUT	COVBI (TF) (FB) (RNP 0.50)	316.35 / 3.00	1700
MUGEE (IF)	TIBVE (TF) (FB) (RNP 0.50)	228.30 / 4.00	2800
TIBVE	COVBI (RF) (FB) (RNP 0.50)	(2.50 NM RADIUS CW (CFVTN))/3.84	1700
COVBI (FAF)	RW31 (MAP) (TF) (FO)	316.35 / 3.36	
RW31 (MAP)	JARAS (TF) (FO) (RNP 1.00)	316.31 / 16.56	3100

NOTES, (CONT.):

CHART PLANVIEW NOTE AT MUGEE : MAX 210 KIAS.
 CHART PLANVIEW NOTE ADJACENT TO GILME: RF REQUIRED.
 CHART PLANVIEW NOTE ADJACENT TO BGEDD: RF REQUIRED.
 CHART PLANVIEW NOTE ADJACENT TO MUGEE: RF REQUIRED.
 CHART PLANVIEW NOTE AT ONUGE: (RNP 0.50).
 CHART PLANVIEW NOTE AT MUGEE: (RNP 0.50).
 CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.
 CHART PLANVIEW NOTE: RADAR REQUIRED.



CITY AND STATE NASHVILLE, TN	ELEVATION: 599 THRE: 577 AIRPORT NAME: NASHVILLE INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (RNP) Z RWY 31, AMDT 1 13 DECEMBER 2012	SUP:
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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KBN	AK7FH31-Z	ABGEDD	010BGEDDK7EA0E	B	IF			04000	18000210		A-FS	
SUSAP	KBN	AK7FH31-Z	ABGEDD	020NEZRUK7EA0E		010TF			+ 03500			A FS	
SUSAP	KBN	AK7FH31-Z	ABGEDD	030ZEVENMK7EA0E	L010RF		0025000820	01920027	+ 02600		CFVTC	K7EAA	FS
SUSAP	KBN	AK7FH31-Z	ABGEDD	040COVBIK7EA0EE	L010RF		0025000192	31640027	+ 01700		CFVTC	K7EAA	FS
SUSAP	KBN	AK7FH31-Z	AGILME	010GILMEK7EA0E	B	IF			05000	18000210		A-FS	
SUSAP	KBN	AK7FH31-Z	AGILME	020USISEK7EA0E		010TF			04000			A FS	
SUSAP	KBN	AK7FH31-Z	AGILME	030NEZRUK7EA0E	L010RF		0025001363	08200024	+ 03500		CFVTC	K7EAA	FS
SUSAP	KBN	AK7FH31-Z	AGILME	040ZEVENMK7EA0E	L010RF		0025000820	01920027	+ 02600		CFVTC	K7EAA	FS
SUSAP	KBN	AK7FH31-Z	AGILME	050COVBIK7EA0EE	L010RF		0025000192	31640027	+ 01700		CFVTC	K7EAA	FS
SUSAP	KBN	AK7FH31-Z	AMUGEE	010MUGEEK7EA0E	B	IF			04000	18000210		A-FS	
SUSAP	KBN	AK7FH31-Z	AMUGEE	020TIBVEK7EA0E		051TF			+ 02800			A FS	
SUSAP	KBN	AK7FH31-Z	AMUGEE	030COVBIK7EA0EE	R051RF		0025002283	31640038	+ 01700		CFVTN	K7EAA	FS
SUSAP	KBN	AK7FH31-Z	AONUGE	010ONUGEK7EA0E	B	IF			+ 04000	18000		A FS	
SUSAP	KBN	AK7FH31-Z	AONUGE	020CUSUTK7EA0E		051TF			+ 02500			A FS	
SUSAP	KBN	AK7FH31-Z	AONUGE	030COVBIK7EA0EE		051TF			+ 01700			A FS	
SUSAP	KBN	AK7FH31-Z	H	020COVBIK7EA1E	F	IF			+ 01700	18000	RW31	K7PGA	FS
SUSAP	KBN	AK7FH31-Z	H	020COVBIK7EA2W						A031A252		FS	
SUSAP	KBN	AK7FH31-Z	H	030RW31 K7PGOGY	M	031TF			00630	-300		A FS	
SUSAP	KBN	AK7FH31-Z	H	040JARASK7EA0EYM		010TF			+ 03100			A FS	

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			13 DECEMBER 2012	DATED: 06/30/2011

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SUSAP KBNK7FH31-Z H 050JARASK7EA0EE R HM 13620040 + 03100 A FS

	1	2	3	4	5	6	7	8	9	0	1	2	3
RUNWAY	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												

SUSAP KBNK7GRW31	0110303163	N36071881W086401201-0400	+0146800577074152150IIPNO1										

	1	2	3	4	5	6	7	8	9	0	1	2	3	
MSA	1234567890123456789012345678901234567890123456789012345678901234567890123456789012													

SUSAP KBNK7SRW31 K7PG	0			18018003125										M

CITY AND STATE
NASHVILLE, TN

ELEVATION: 599 THRE: 577
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IDENTIFIER:

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RNAV (RNP) Z RWY 31, AMDT 1
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ARINC SUMMARY - 424-18 - RNAV (RNP)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	BGEDD	BGEDD	010		IF		FB				AT 04000	AB 210
	BGEDD	NEZRU	020		TF		FB	1.0			AA 03500	
	BGEDD	ZEVEM	030		RF	L	FB	1.0		002.7	AA 02600	
	BGEDD	COVBI	040		RF	L	FB	1.0		002.7	AA 01700	
	GILME	GILME	010		IF		FB				AT 05000	AB 210
	GILME	USISE	020		TF		FB	1.0			AT 04000	
	GILME	NEZRU	030		RF	L	FB	1.0		002.4	AA 03500	
	GILME	ZEVEM	040		RF	L	FB	1.0		002.7	AA 02600	
	GILME	COVBI	050		RF	L	FB	1.0		002.7	AA 01700	
	MUGEE	MUGEE	010		IF		FB				AT 04000	AB 210
	MUGEE	TIBVE	020		TF		FB	0.5			AA 02800	
	MUGEE	COVBI	030		RF	R	FB	0.5		003.8	AA 01700	
	ONUGE	ONUGE	010		IF		FB				AA 04000	
	ONUGE	CUSUT	020		TF		FB	0.5			AA 02500	
	ONUGE	COVBI	030		TF		FB	0.5			AA 01700	
		COVBI	020	FAF	IF		FB				AA 01700	
		RW31	030	MAP	TF		FO	0.3			AT 00630	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	JARAS	040		TF		FO	1.0			AA 03100	
	JARAS	050		HM	R	FO		136.2 (133.2T)	004.0	AA 03100	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BGEDD	N360005.78	W0864241.11	N3600.096	W08642.685
	CFVTC	N360310.95	W0863917.96	N3603.183	W08639.299
	CFVTN	N360649.41	W0863503.89	N3606.824	W08635.065
	COVBI	N360500.20	W0863710.98	N3605.003	W08637.183
	CUSUT	N360256.49	W0863429.47	N3602.942	W08634.491
	GILME	N360421.50	W0864519.98	N3604.358	W08645.333
	JARAS	N361840.52	W0865506.61	N3618.675	W08655.110
	MUGEE	N360751.83	W0862923.12	N3607.864	W08629.385
	NEZRU	N360043.49	W0863842.68	N3600.725	W08638.711
	ONUGE	N355856.62	W0862917.44	N3558.944	W08629.291
	TIBVE	N360502.69	W0863253.63	N3605.045	W08632.894
	USISE	N360121.57	W0864124.73	N3601.360	W08641.412
	ZEVEM	N360229.06	W0863620.32	N3602.484	W08636.339
	RW31	N360718.81	W0864012.01	N3607.314	W08640.200

RUNWAY DATA	THRESHOLD	TCH
RWY	ELEVATION	

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	NASHVILLE INTL	RNAV	13 DECEMBER 2012	DATED: 06/30/2011	

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RW31 00577 52

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NASHVILLE, TN

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