

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					
JOGLO (IF)	IDADE (TF) (FB) (RNP 1.00)	020.59 / 3.77	4000	CLIMB TO 1300 THEN CLIMBING LEFT TURN TO 4000 DIRECT CENOP AND HOLD.					
IDADE	WUNOG (RF) (FB) (RNP 1.00)	(2.48 NM RADIUS CW (CFFJC))/3.89	2900						
WUNOG	HERIR (TF) (FB) (RNP 1.00)	110.64 / 1.18	2600						
HERIR	CUNSU (RF) (FB) (RNP 1.00)	(2.33 NM RADIUS CW (CFFJB))/1.05	2300	ADDITIONAL FLIGHT DATA: HOLD SE, RT, 313.24 INBOUND. CHART 706 TOWER 360903N/0863953W. DISTANCE TO THLD FROM 259 HATH: 0.67 NM. ROUTE TYPE: A,H ROUTE TYPE QUALIFIER 1: F ROUTE TYPE QUALIFIER 2: S #TCH 586.5 MSL (DO NOT CHART) CHART MANDATORY 5000 AT JOGLO CHART MANDATORY 5000 AT SIPPO CHART MANDATORY 4000 AT CULAR CHART MANDATORY 6000 AT MUDD CHART MINIMUM 3000 AT WAYLN					
CULAR (IF)	CUNSU (TF) (FB) (RNP 1.00)	136.51 / 6.08	2300						
CUNSU	YUBUG (RF) (FB) (RNP 1.00)	(2.33 NM RADIUS CW (CFFJB))/2.62	1700						
(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 YUBUG 3. FAC: <u>201.01</u> FAF: <u> </u> DIST FAF TO MAP: <u> </u> THLD: <u> </u> 4. MIN. ALT: YUBUG 1700 5. DIST TO THLD FROM OM: <u>3.50</u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>1700</u> GS ALT AT: YUBUG 1700 OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: 46.6# 34:1 IS NOT CLEAR 8. MSA FROM: RW20L 3100				MAG VAR: 3W EPOCH YEAR: 2010					
MINIMUMS									
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A					
CATEGORY =====>				STANDARD					
A		B		C		D		E	
DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA
AUTHORIZATION REQUIRED									
RNP 0.20 DA	799	4000	259	799	4000	259	799	4000	259
RNP 0.30 DA	997	5500	457	997	5500	457	997	5500	457
NOTES: CHART NOTE: GPS REQUIRED. CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 20R. CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS. CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS. (SEE FORM 8260-10)									
CITY AND STATE		ELEVATION: 599 THRE: 540		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		SUP:	
NASHVILLE, TN		AIRPORT NAME:		RNAV		RNAV (RNP) Z RWY 20L, AMDT 2		AMDT: 1	
		NASHVILLE INTL				24 JULY 2014		DATED 11/15/2012	

QUALITY
2
CHECKED

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WAYLN (IF)	HILOS (TF) (FB) (RNP 1.00)	201.04 / 4.17	2500
HILOS	YUBUG (TF) (FB) (RNP 1.00)	201.03 / 3.00	1700
SIPPO (IF)	WOKAP (TF) (FB) (RNP 1.00)	021.05 / 3.90	4000
WOKAP	RUDOY (RF) (FB) (RNP 1.00)	(2.50 NM RADIUS CCW (CFFJH))/5.86	2300
MUDD (IF)	MESOE (TF) (FB) (RNP 1.00)	247.51 / 7.62	4000
MESOE	RUDOY (TF) (FB) (RNP 1.00)	246.78 / 7.21	2300
RUDOY	YUBUG (RF) (FB) (RNP 0.90)	(2.50 NM RADIUS CCW (CFFJH))/1.99	1700
YUBUG (FAF)	RW20L (MAP) (TF) (FO)	201.01 / 3.50	
RW20L (MAP)	1300 MSL (CA)	201.01	1300
1300 MSL	CENOP (DF) (FO)		4000

NOTES, (CONT.):

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -11C (13F) OR ABOVE 54C (130F).

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO RNP 0.20.

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE RNP 0.30 ALL CATS VISIBILITY TO 1 1/2.

CHART PLANVIEW NOTE: RADAR REQUIRED.

CHART PLANVIEW NOTE AT JOGLO : MAX 210 KIAS.

CHART PLANVIEW NOTE AT CULAR : MAX 210 KIAS.

CHART PLANVIEW NOTE AT SIPPO : MAX 210 KIAS.

CHART PLANVIEW NOTE AT MESOE : MAX 210 KIAS.

CHART PLANVIEW NOTE AT MUDD: CROSS AT 250 KIAS.

CHART PLANVIEW NOTE ADJACENT TO JOGLO: RF REQUIRED.

CHART PLANVIEW NOTE ADJACENT TO CULAR: RF REQUIRED.

CHART PLANVIEW NOTE ADJACENT TO MUDD: RF REQUIRED.

CHART PLANVIEW NOTE ADJACENT TO SIPPO: RF REQUIRED.

QUALITY
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CITY AND STATE

NASHVILLE, TN

ELEVATION: 599

THRE: 540

AIRPORT NAME:

NASHVILLE INTL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

RNAV (RNP) Z RWY 20L, AMDT 2
24 JULY 2014

SUP:

AMDT: 1

DATED: 11/15/2012

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KBNAK7FH20LZ	ACULAR	010CULARK7PC0E	B	IF				04000	18000210		A-FS	
SUSAP	KBNAK7FH20LZ	ACULAR	020CUNSUK7PC0E		010TF				+ 02300			A FS	
SUSAP	KBNAK7FH20LZ	ACULAR	030YUBUGK7PC0EE	R010RF		0023301365	20100026		+ 01700		CFFJB	K7PCA	FS
SUSAP	KBNAK7FH20LZ	AJOGLO	010JOGLOK7PC0E	B	IF				05000	18000210		A-FS	
SUSAP	KBNAK7FH20LZ	AJOGLO	020IDADEK7PC0E		010TF				+ 04000			A FS	
SUSAP	KBNAK7FH20LZ	AJOGLO	030WUNOGK7PC0E	R010RF		0024800206	11060039		+ 02900		CFFJC	K7PCA	FS
SUSAP	KBNAK7FH20LZ	AJOGLO	040HERIRK7PC0E		010TF				+ 02600			A FS	
SUSAP	KBNAK7FH20LZ	AJOGLO	050CUNSUK7PC0E	R010RF		0023301106	13650011		+ 02300		CFFJB	K7PCA	FS
SUSAP	KBNAK7FH20LZ	AJOGLO	060YUBUGK7PC0EE	R010RF		0023301365	20100026		+ 01700		CFFJB	K7PCA	FS
SUSAP	KBNAK7FH20LZ	AMUDD	010MUDDDK7PC0E	B	IF				06000	18000250		A FS	

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CITY AND STATE NASHVILLE, TN	ELEVATION: 599 THRE: 540 AIRPORT NAME: NASHVILLE INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (RNP) Z RWY 20L, AMDT 2 24 JULY 2014	SUP:
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SUSAP	KBNAK7FH20LZ	AMUDD	020MESOEK7PCOE	010TF				04000	210		A-FS
SUSAP	KBNAK7FH20LZ	AMUDD	030RUDOYK7PCOE	010TF				02300			A FS
SUSAP	KBNAK7FH20LZ	AMUDD	040YUBUGK7PCOE	L091RF	0025002468	20100020		01700		CFFJH K7PCA	FS
SUSAP	KBNAK7FH20LZ	ASIPPO	010SIPPOK7PCOE	B IF				05000	18000210		A-FS
SUSAP	KBNAK7FH20LZ	ASIPPO	020WOKAPK7PCOE	010TF				04000			A FS
SUSAP	KBNAK7FH20LZ	ASIPPO	030RUDOYK7PCOE	L010RF	0025000211	24680059		02300		CFFJH K7PCA	FS
SUSAP	KBNAK7FH20LZ	ASIPPO	040YUBUGK7PCOE	L091RF	0025002468	20100020		01700		CFFJH K7PCA	FS
SUSAP	KBNAK7FH20LZ	AWAYLN	010WAYLKNK7PCOE	B IF				03000	18000		A FS
SUSAP	KBNAK7FH20LZ	AWAYLN	020HILOSK7PCOE	010TF				02500			A FS
SUSAP	KBNAK7FH20LZ	AWAYLN	030YUBUGK7PCOE	010TF				01700			A FS
SUSAP	KBNAK7FH20LZ	H	020YUBUGK7PC1E	F IF				01700	18000	RW20L K7PGA	FS
SUSAP	KBNAK7FH20LZ	H	020YUBUGK7PC2W						A031A021		FS
SUSAP	KBNAK7FH20LZ	H	030RW20LK7PGOGY	M 031TF				00587	-300		A FS
SUSAP	KBNAK7FH20LZ	H	040	0 M CA		2010		01300			A FS
SUSAP	KBNAK7FH20LZ	H	050CENOPK7EAOEY	DF				04000			A FS
SUSAP	KBNAK7FH20LZ	H	060CENOPK7EA0EE	R HM		31320040		04000			A FS

[illegible]

SUSAP KBN AK7GRW20L 0080002010 N36080101W086393340+0600 +0135300540000047150I ISSX1

[illegible]

SUSAP KBNK7SRW20LK7PG 0 18018003125 M

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CITY AND STATE NASHVILLE, TN	ELEVATION: 599 THRE: 540	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: NASHVILLE INTL	RNAV	RNAV (RNP) Z RWY 20L, AMDT 2 24 JULY 2014	AMDT: 1
				DATED: 11/15/2012

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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
	CULAR	CULAR	010		IF		FB				AT 04000	AB 210
	CULAR	CUNSU	020		TF		FB	1.0			AA 02300	
	CULAR	YUBUG	030		RF	R	FB	1.0		002.6	AA 01700	
	JOGLO	JOGLO	010		IF		FB				AT 05000	AB 210
	JOGLO	IDADE	020		TF		FB	1.0			AA 04000	
	JOGLO	WUNOG	030		RF	R	FB	1.0		003.9	AA 02900	
	JOGLO	HERIR	040		TF		FB	1.0			AA 02600	
	JOGLO	CUNSU	050		RF	R	FB	1.0		001.1	AA 02300	
	JOGLO	YUBUG	060		RF	R	FB	1.0		002.6	AA 01700	
	MUDD	MUDD	010		IF		FB				AT 06000	AT 250
	MUDD	MESOE	020		TF		FB	1.0			AA 04000	AB 210
	MUDD	RUDOY	030		TF		FB	1.0			AA 02300	
	MUDD	YUBUG	040		RF	L	FB	0.9		002.0	AA 01700	
	SIPPO	SIPPO	010		IF		FB				AT 05000	AB 210
	SIPPO	WOKAP	020		TF		FB	1.0			AA 04000	
	SIPPO	RUDOY	030		RF	L	FB	1.0		005.9	AA 02300	
	SIPPO	YUBUG	040		RF	L	FB	0.9		002.0	AA 01700	
	WAYLN	WAYLN	010		IF		FB				AA 03000	
	WAYLN	HILOS	020		TF		FB	1.0			AA 02500	
	WAYLN	YUBUG	030		TF		FB	1.0			AA 01700	
	YUBUG	YUBUG	020	FAF	IF		FB				AA 01700	
	RW20L	RW20L	030	MAP	TF		FO	0.3			AT 00587	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		201.0 (198.0T)		AA 01300	
	CENOP	050		DF		FO				AA 04000	
	CENOP	060		HM	R	FO		313.2 (310.2T)	004.0	AA 04000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CENOP	N354530.64	W0861154.29	N3545.511	W08611.905
	CFFJB	N361204.13	W0864057.78	N3612.069	W08640.963
	CFFJC	N361217.36	W0864224.43	N3612.289	W08642.407
	CFFJH	N361034.33	W0863517.11	N3610.572	W08635.285
	CULAR	N361757.56	W0864425.82	N3617.959	W08644.430
	CUNSU	N361345.71	W0863858.58	N3613.762	W08638.976
	HERIR	N361417.70	W0864005.33	N3614.295	W08640.089
	HILOS	N361412.15	W0863704.53	N3614.203	W08637.076
	IDADE	N361302.41	W0864519.49	N3613.040	W08645.325
	JOGLO	N360926.76	W0864643.87	N3609.446	W08646.731
	MESOE	N361600.75	W0862839.31	N3616.013	W08628.655

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CITY AND STATE
NASHVILLE, TN

ELEVATION: 599 THRE: 540
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MUDD	N361918.01	W0862009.10	N3619.300	W08620.152
RUDY	N361249.01	W0863639.19	N3612.817	W08636.653
SIPPO	N360604.77	W0863350.61	N3606.080	W08633.844
WAYLN	N361810.44	W0863528.74	N3618.174	W08635.479
WOKAP	N360947.78	W0863220.97	N3609.796	W08632.350
WUNOG	N361439.21	W0864128.76	N3614.654	W08641.479
YUBUG	N361120.81	W0863813.31	N3611.347	W08638.222
RW20L	N360801.01	W0863933.40	N3608.017	W08639.557

RUNWAY DATA

	THRESHOLD	
RWY	ELEVATION	TCH
RW20L	00540	47

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