

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 CLIMB TO 8000 ON TRACK 213.81 TO HUMKU, RIGHT TURN TO WAPMA, THEN ON TRACK 315.34 TO ABQ VORTAC AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, LT, 079.00 INBOUND. CHART FAS OBST: 5468 TANK 350317N/1063558W CHART 5317 SIGN 350229N/1063624W CHART: ASR. DISTANCE TO THLD FROM 439 HATH: 1.21 NM. #TCH 5371.1 MSL (DO NOT CHART) CHART MANDATORY 10000 AT PILLA ROUTE TYPE QUALIFIER 1: F CHART MINIMUM 9000 AT WILKE CHART MANDATORY 10000 AT TACOH ROUTE TYPE: A, H ROUTE TYPE QUALIFIER 2: S MAG VAR: 11E EPOCH YEAR: 1995					
TACOH (IF)		ALVRZ (TF) (FB) (RNP 1.00)		254.86 / 3.86				9600							
ALVRZ		MANZY (RF) (FB) (RNP 1.00)		(2.72 NM RADIUS CW (CFDWX))/4.58				8500							
PILLA (IAF)		RMERO (TF) (FB) (RNP 1.00)		348.74 / 4.00				9000							
RMERO (IF)		MANZY (TF) (FB) (RNP 1.00)		351.39 / 6.18				8500							
MANZY		KARRI (RF) (FB) (RNP 0.30)		(2.59 NM RADIUS CW (CFDWZ))/1.64				8000							
(SEE FORM 8260-10)															
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT KARRI 3. FAC: * _____ FAF: _____ DIST FAF TO MAP: _____ THLD: _____ 4. MIN. ALT: KARRI 8000, WIMIM 7200, COSKI 6600 5. DIST TO THLD FROM OM: 3.86 MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 6600 GS ALT AT: COSKI 6600, TEENR 6030 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: #55.0 34:1 IS CLEAR 8. MSA FROM: RW21 12000															
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 0.30 DA	5755	1 1/2	439	5755	1 1/2	439	5755	1 1/2	439	5755	1 1/2	439			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -12C (11F) OR ABOVE 47C (116F). CHART NOTE: RF REQUIRED. CHART NOTE: GPS REQUIRED. (SEE FORM 8260-10)															
CITY AND STATE		ELEVATION: 5355 THRE: 5316		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:						SUP:			
ALBUQUERQUE, NM		AIRPORT NAME: ALBUQUERQUE INTL SUNPORT				RNAV (RNP) Z RWY 21, AMDT 1						AMDT: ORIG			
						29 MAY 2014						DATED 09/20/2012			

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
WILKE (IF)	KARRI (TF) (FB) (RNP 0.30)	027.63 / 3.15	8000
KARRI	WIMIM (RF) (FB) (RNP 0.30)	(2.52 NM RADIUS CCW (CFDXB))/2.91	7200
WIMIM	COSKI (RF) (FB) (RNP 0.30)	(2.23 NM RADIUS CCW (CFDXC))/2.08	6600
COSKI (FAF)	*TEENR (RF) (FB)	(1.89 NM RADIUS CCW (CFDXD))/1.79	
TEENR	*RW21 (MAP) (TF) (FO)	213.82 / 2.07	
RW21	HUMKU (TF) (FB) (RNP1.00)	213.81 / 4.02	
HUMKU	WAPMA (RF) (FB) (RNP1.00)	(3.81 NM RADIUS CW (CFDXF)) / 6.76	
WAPMA	ABQ VORTAC (TF) (FO) (RNP1.00)	315.34 / 2.89	8000

NOTES, (CONT.):

CHART PLANVIEW NOTE AT MANZY : MAX 180 KIAS.
 CHART PLANVIEW NOTE AT KARRI : MAX 180 KIAS.
 CHART PLANVIEW NOTE AT TACOH : MAX 210 KIAS.
 CHART PLANVIEW NOTE AT PILLA : MAX 210 KIAS.
 CHART PLANVIEW NOTE AT WILKE : MAX 210 KIAS.
 CHART PLANVIEW NOTE: RADAR REQUIRED.
 CHART PLANVIEW NOTE AT TACOH: (RNP 0.30).
 CHART PLANVIEW NOTE AT PILLA: (RNP 0.30).
 CHART PLANVIEW NOTE AT WILKE: (RNP 0.30).
 CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
 CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.

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 09/20/2012

CITY AND STATE ALBUQUERQUE, NM	ELEVATION: 5355 THRE: 5316 AIRPORT NAME: ALBUQUERQUE INTL SUNPORT	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (RNP) Z RWY 21, AMDT 1 29 MAY 2014	SUP:
				AMDT: ORIG
				DATED: 09/20/2012

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ARINC PACKET - 424-18 - RNAV (RNP)

NAVAID	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAD	ABQ	K2011320VTHA	N35023766W106485872	N35023766W106485872	E0130057492	NARALBUQUERQUE							

AIRPORT	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KABQK2AABQ	0	137YHN35022470W106363310E011005355	1800018000C	MNAR	ALBUQUERQUE INTL SUNPORT							

TRM WP	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KABQK2CALVRZ	K20	W	N34561521W106280830	E0088	NAR	ALVRZ						
SUSAP	KABQK2CCFDWX	K20	A	N34585811W106282279	E0088	NAR	CNF (CFDWX)						
SUSAP	KABQK2CCFDWZ	K20	A	N34585843W106283211	E0089	NAR	CNF (CFDWZ)						
SUSAP	KABQK2CCFDXB	K20	A	N35021024W106332360	E0089	NAR	CNF (CFDXB)						
SUSAP	KABQK2CCFDXC	K20	A	N35021828W106330480	E0089	NAR	CNF (CFDXC)						
SUSAP	KABQK2CCFDXD	K20	A	N35023846W106330088	E0089	NAR	CNF (CFDXD)						
SUSAP	KABQK2CCFDXF	K20	A	N35022000W106430998	E0090	NAR	CNF (CFDXF)						
SUSAP	KABQK2CCOSKI	K20	W	N35043061W106323907	E0089	NAR	COSKI						
SUSAP	KABQK2CHUMKU	K20	W	N34593879W106395233	E0089	NAR	HUMKU						
SUSAP	KABQK2CKARRI	K20	W	N35003567W106305981	E0089	NAR	KARRI						
SUSAP	KABQK2CMANZY	K20	W	N34590497W106314107	E0089	NAR	MANZY						
SUSAP	KABQK2CPILLA	K20	W	N34485357W106315859	E0089	NAR	PILLA						
SUSAP	KABQK2CRMERO	K20	W	N34525396W106315989	E0089	NAR	RMERO						
SUSAP	KABQK2CTACOH	K20	W	N34563206W106232729	E0088	NAR	TACOH						
SUSAP	KABQK2CTEENR	K20	W	N35035853W106343885	E0089	NAR	TEENR						
SUSAP	KABQK2CWAPMA	K20	W	N35001315W106470170	E0090	NAR	WAPMA						
SUSAP	KABQK2CWILKE	K20	W	N34580782W106332344	E0089	NAR	WILKE						
SUSAP	KABQK2CWIMIM	K20	W	N35032007W106304020	E0089	NAR	WIMIM						

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KABQK2FH21-Z	APILLA	010PILLAK2PCOE	A	IF				10000	18000210	A-FS		
SUSAP	KABQK2FH21-Z	APILLA	020RMEROK2PCOE	B	010TF				+ 09000		A FS		
SUSAP	KABQK2FH21-Z	APILLA	030MANZYK2PCOE		010TF				+ 08500	180	A-FS		
SUSAP	KABQK2FH21-Z	APILLA	040KARRIK2PCOE	R031RF		0025903514	02760016	+ 08000		180	CFDWZ	K2PCA-FS	
SUSAP	KABQK2FH21-Z	APILLA	050WIMIMK2PCOE	L031RF		0025200276	32150029	+ 07200			CFDXB	K2PCA FS	
SUSAP	KABQK2FH21-Z	ATACOH	010TACOHK2PCOE	B	IF				10000	18000210	A-FS		
SUSAP	KABQK2FH21-Z	ATACOH	020ALVRZK2PCOE		010TF				+ 09600		A FS		
SUSAP	KABQK2FH21-Z	ATACOH	030MANZYK2PCOE	R010RF		0027202549	35140046	+ 08500		180	CFDWX	K2PCA-FS	
SUSAP	KABQK2FH21-Z	ATACOH	040KARRIK2PCOE	R031RF		0025903514	02760016	+ 08000		180	CFDWZ	K2PCA-FS	

CITY AND STATE ALBUQUERQUE, NM	ELEVATION: 5355 THRE: 5316	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (RNP) Z RWY 21, AMDT 1 29 MAY 2014	SUP:
	AIRPORT NAME: ALBUQUERQUE INTL SUNPORT		AMDT: ORIG	
	DATED: 09/20/2012			

RNAV (RNP) STANDARD INSTRUMENT APPROACH PROCEDURE

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SUSAP	KABQK2FH21-Z	ATACOH	050WIMIMK2PC0EE	L031RF	0025200276	32150029	+ 07200		CFDXB	K2PCA	FS
SUSAP	KABQK2FH21-Z	AWILKE	010WILKEK2PC0E	B IF			+ 09000	18000210		A-FS	
SUSAP	KABQK2FH21-Z	AWILKE	020KARRIK2PC0E	031TF			+ 08000	180		A-FS	
SUSAP	KABQK2FH21-Z	AWILKE	030WIMIMK2PC0EE	L031RF	0025200276	32150029	+ 07200		CFDXB	K2PCA	FS
SUSAP	KABQK2FH21-Z	H	010WIMIMK2PC0E	I IF			+ 07200	18000		RW21	K2PGA
SUSAP	KABQK2FH21-Z	H	020COSKIK2PC1E	FL031RF	0022303215	26810021	+ 06600		CFDXC	K2PCA	FS
SUSAP	KABQK2FH21-Z	H	020COSKIK2PC2W					A031			FS
SUSAP	KABQK2FH21-Z	H	021TEENRK2PC0E	L031RF	0018902681	21380018			-300CFDXD	K2PCA	FS
SUSAP	KABQK2FH21-Z	H	030RW21	K2PGOGY M	031TF		05371		-300	A	FS
SUSAP	KABQK2FH21-Z	H	040HUMKUK2PC0E	M 010TF						A	FS
SUSAP	KABQK2FH21-Z	H	050WAPMAK2PC0E	R010RF	0038102138	31530068			CFDXF	K2PCA	FS
SUSAP	KABQK2FH21-Z	H	060ABQ	K2D 0VY 010TF			+ 08000			A	FS
SUSAP	KABQK2FH21-Z	H	070ABO	K2D 0VE L HM		07900070	+ 08000			A	FS

[illegible][illegible]

CITY AND STATE
ALBUQUERQUE, NM

ELEVATION: 5355 THRE: 53166
AIRPORT NAME:
ALBUQUERQUE INTL SUNPORT

FACILITY
IDENTIFIER:
| RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
RNAV (RNP) Z RWY 21, 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
	PILLA	PILLA	010	IAF	IF		FB				AT 10000	AB 210
	PILLA	RMERO	020		TF		FB	1.0			AA 09000	
	PILLA	MANZY	030		TF		FB	1.0			AA 08500	AB 180
	PILLA	KARRI	040		RF	R	FB	0.3		001.6	AA 08000	AB 180
	PILLA	WIMIM	050		RF	L	FB	0.3		002.9	AA 07200	
	TACOH	TACOH	010		IF		FB				AT 10000	AB 210
	TACOH	ALVRZ	020		TF		FB	1.0			AA 09600	
	TACOH	MANZY	030		RF	R	FB	1.0		004.6	AA 08500	AB 180
	TACOH	KARRI	040		RF	R	FB	0.3		001.6	AA 08000	AB 180
	TACOH	WIMIM	050		RF	L	FB	0.3		002.9	AA 07200	
	WILKE	WILKE	010		IF		FB				AA 09000	AB 210
	WILKE	KARRI	020		TF		FB	0.3			AA 08000	AB 180
	WILKE	WIMIM	030		RF	L	FB	0.3		002.9	AA 07200	
		WIMIM	010	FACF	IF		FB				AA 07200	
		COSKI	020	FAF	RF	L	FB	0.3		002.1	AA 06600	
		TEENR	021		RF	L	FB	0.3		001.8		
		RW21	030	MAP	TF		FO	0.3			AT 05371	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	HUMKU	040		TF		FB	1.0				
	WAPMA	050		RF	R	FB	1.0		006.8		
	ABQ	060		TF		FO	1.0			AA 08000	
	ABQ	070		HM	L	FO		079.0 (090.0T)	007.0	AA 08000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ABQ	N350237.66	W1064858.72	N3502.628	W10648.979
	ALVRZ	N345615.21	W1062808.30	N3456.254	W10628.138
	CFDWX	N345858.11	W1062822.79	N3458.969	W10628.380
	CFDWZ	N345858.43	W1062832.11	N3458.974	W10628.535
	CFDXB	N350210.24	W1063323.60	N3502.171	W10633.393
	CFDXC	N350218.28	W1063304.80	N3502.305	W10633.080
	CFDXD	N350238.46	W1063300.88	N3502.641	W10633.015
	CFDXF	N350220.00	W1064309.98	N3502.333	W10643.166
	COSKI	N350430.61	W1063239.07	N3504.510	W10632.651
	HUMKU	N345938.79	W1063952.33	N3459.647	W10639.872
	KARRI	N350035.67	W1063059.81	N3500.595	W10630.997
	MANZY	N345904.97	W1063141.07	N3459.083	W10631.685
	PILLA	N344853.57	W1063158.59	N3448.893	W10631.977
	RMERO	N345253.96	W1063159.89	N3452.899	W10631.998
	TACOH	N345632.06	W1062327.29	N3456.534	W10623.455

CITY AND STATE
ALBUQUERQUE, NM

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TEENR	N350358.53	W1063438.85	N3503.976	W10634.648
WAPMA	N350013.15	W1064701.70	N3500.219	W10647.028
WILKE	N345807.82	W1063323.44	N3458.130	W10633.391
WIMIM	N350320.07	W1063040.20	N3503.335	W10630.670
RW21	N350230.27	W1063625.46	N3502.505	W10636.424

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW21	05316	55

CITY AND STATE
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ELEVATION: **5355** THRE: **5316**
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