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

FROM	TO	COURSE AND DISTANCE	ALTITUDE
TNTOE (IF)	PLNET (TF) (FB) (RNP 1.00)	213.35 / 3.38	9000
PLNET	BILDE (RF) (FB) (RNP 1.00)	(2.82 NM RADIUS CW (CFPTJ)/7.28	6900
COMRO (IF)	CEMAC (TF) (FB) (RNP 1.00)	000.26 / 8.07	8000
CEMAC	BILDE (TF) (FB) (RNP 1.00)	001.16 / 3.97	6900
BILDE	GERNL (RF) (FB) (RNP 0.80)	(2.82 NM RADIUS CW (CFPTJ)/1.60	6500
(SEE FORM 8260-10)			

MISSED APPROACH

MAP: DA

CLIMB TO 6200 THEN CLIMBING LEFT TURN TO 8000 DIRECT ABQ VORTAC AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT GERNL
3. FAC: 033.76 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: GERNL 6500
5. DIST TO THLD FROM OM: 3.56 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 6500 GS ALT AT: GERNL 6500 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: # 59.9 34:1 IS NOT CLEAR
8. MSA FROM: RW03 11900

ADDITIONAL FLIGHT DATA:

HOLD W, LT, 079.00 INBOUND.
CHART FAS OBST: 5313 TREE 350045N/1063812W
CHART: ASR.
DISTANCE TO THLD FROM 299 HATH: 0.75 NM.
CHART MINIMUM 8000 AT BIBQU
CHART MINIMUM 9000 AT CMSTR
CHART MINIMUM 9000 AT CRSTN
CHART MINIMUM 10000 AT TNTOE
CHART MINIMUM 10000 AT COMRO
ROUTE TYPE: A, H
ROUTE TYPE QUALIFIER1: F
ROUTE TYPE QUALIFIER2: S
#TCH 5365 MSL (DO NOT CHART)

MAG VAR: 11E 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	DH/MDA	VIS	HAT/HAA
AUTHORIZATION REQUIRED															
RNP 0.30 DA	5604	4000	299	5604	4000	299	5604	4000	299	5604	4000	299			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -12C (11F) OR ABOVE 45C (114F).
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE RNP 0.30 ALL CATS VISIBILITY TO RVR 4500.
CHART NOTE: GPS REQUIRED.
CHART PLANVIEW NOTE AT BILDE : MAX 200 KIAS.
(SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 5355 THRE: 5305	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ALBUQUERQUE, NM	AIRPORT NAME: ALBUQUERQUE INTL SUNPORT	RNAV	RNAV (RNP) Z RWY 3, ORIG	AMDT: NONE
				DATED

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
[ ] YES [X] NO		**ROUTINE**

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
[X]	[ ]	[X]	[X]	[X]	[X]	[X] **ZAB, ABQ ATCT, ABQ APP CON, AMGR, ST. AV. DIR.**

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME: **PABLO ORTIZ**	FIFO **AJV-353**	DATE: **05/31/2012**
APPROVED BY		
NAME: **LARRY H STROUT** **MANAGER**	FIFO **AJV-353**	DATE:

CHANGES:

1. ORIGINAL PROCEDURE.

REASONS:

1. FPT REQUEST.

QUALITY CHECKED

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BIBQU (IAF)	MRMIK (TF) (FB) (RNP 1.00)	033.69 / 5.68	7000
MRMIK (IF)	GERNL (TF) (FB) (RNP 1.00)	033.73 / 3.00	6500
CMSTR (IAF)	ABQ VORTAC (TF) (FB) (RNP 1.00)	125.09 / 5.02	8500
CRSTN (IAF)	ABQ VORTAC (TF) (FB) (RNP 1.00)	165.03 / 6.43	8500
ABQ VORTAC (IF)	BIENN (TF) (FB) (RNP 1.00)	134.47 / 4.17	8000
BIENN	GERNL (RF) (FB) (RNP 1.00)	(2.79 NM RADIUS CCW (CFPTK)/4.91	6500
GERNL (FAF)	RW03 (MAP) (TF) (FO)	033.76 / 3.56	
RW03 (MAP)	*6200 MSL (CA)*	033.76	6200
6200 MSL	ABQ VORTAC (DF) (FO)		8000

NOTES, (CONT.):
CHART PLANVIEW NOTE AT PLNET : MAX 200 KIAS.
CHART PLANVIEW NOTE AT COMRO : MAX 210 KIAS.
CHART PLANVIEW NOTE AT BIENN : MAX 205 KIAS.
CHART PLANVIEW NOTE AT CRSTN : MAX 210 KIAS.
CHART PLANVIEW NOTE AT CMSTR : MAX 210 KIAS.
CHART PLANVIEW NOTE: RADAR REQUIRED.
CHART PLANVIEW NOTE ADJACENT TO CRSTN IAF: RF REQUIRED.
CHART PLANVIEW NOTE ADJACENT TO TNTOE IF: RF REQUIRED.
CHART PLANVIEW NOTE ADJACENT TO COMRO IF: RF REQUIRED.
CHART PLANVIEW NOTE ADJACENT TO CMSTR IAF: RF REQUIRED.
CHART PLANVIEW NOTE AT TNTOE: (RNP 0.80).
CHART PLANVIEW NOTE AT COMRO: (RNP 0.80).
CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.
CHART PLANVIEW NOTE: LIMIT MISSED APPROACH TO 215 KIAS.

CITY AND STATE	ELEVATION: 5355 THRE: 5305 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ALBUQUERQUE, NM	ALBUQUERQUE INTL SUNPORT	RNAV	RNAV (RNP) Z RWY 3, ORIG	AMDT: NONE
				DATED:

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
☐	☐	☐	☐	☐	☐	☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (RNP) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR 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.

ARINC PACKET - 424-18 - RNAV (RNP)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        ABQ   K2011320VTHA N35023766W106485872    N35023766W106485872E0130057492     NARALBUQUERQUE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BIBQU K20    C   L N34523759W106481902                      E0092     NAR           BIBQU
        SUSAEAENRT   BIENN K20    W     N34591116W106460612                      E0092     NAR           BIENN
        SUSAEAENRT   BILDE K20    W     N34572449W106414852                      E0091     NAR           BILDE
        SUSAEAENRT   CEMAC K20    W     N34533110W106424961                      E0091     NAR           CEMAC
        SUSAEAENRT   CFPTJ K20    W     N34564872W106382732                      E0091     NAR           CNF(CFPTJ)
        SUSAEAENRT   CFPTK K20    W     N35004611W106431818                      E0091     NAR           CNF(CFPTK)
        SUSAEAENRT   CMSTR K20    W     N35061497W106531301                      E0092     NAR           CMSTR
        SUSAEAENRT   COMRO K20    W     N34453552W106444458                      E0091     NAR           COMRO
        SUSAEAENRT   CRSTN K20    W     N35090290W106493121                      E0092     NAR           CRSTN
        SUSAEAENRT   GERNL K20    W     N34584808W106405347                      E0091     NAR           GERNL
        SUSAEAENRT   MRMIK K20    W     N34564007W106432759                      E0091     NAR           MRMIK
        SUSAEAENRT   PLNET K20    W     N34545034W106360006                      E0091     NAR           PLNET
        SUSAEAENRT   TNTOE K20    W     N34571559W106330775                      E0091     NAR           TNTOE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KABQK2AABQ     0     137YHN35022470W106363310E011005355         1800018000C    MNAR    ALBUQUERQUE INTL SUNPORT

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KABQK2FH03-Z ABIBQU 010BIBQUK2EA0E  A    IF                                + 08000     18000                A FS
        SUSAP KABQK2FH03-Z ABIBQU 020MRMIKK2EA0E  B 010TF                                + 07000                          A FS
        SUSAP KABQK2FH03-Z ABIBQU 030GERNLK2EA0EE   010TF                                + 06500                          A FS
        SUSAP KABQK2FH03-Z ACMSTR 010CMSTRK2EA0E  A    IF                                + 09000     18000210             A-FS
        SUSAP KABQK2FH03-Z ACMSTR 020ABQ  K2D 0V  B 010TF                                + 08500                          A FS
        SUSAP KABQK2FH03-Z ACMSTR 030BIENNK2EA0E    010TF                                + 08000         205              A-FS
        SUSAP KABQK2FH03-Z ACMSTR 040GERNLK2EA0EE  L010RF       0027901345    03380049   + 06500                CFPTK K2EAA FS
        SUSAP KABQK2FH03-Z ACOMRO 010COMROK2EA0E  B    IF                                + 10000     18000210             A-FS
        SUSAP KABQK2FH03-Z ACOMRO 020CEMACK2EA0E    010TF                                + 08000                          A FS
        SUSAP KABQK2FH03-Z ACOMRO 030BILDEK2EA0E    010TF                                + 06900         200              A-FS
        SUSAP KABQK2FH03-Z ACOMRO 040GERNLK2EA0EE  R081RF       0028200012    03380016   + 06500                CFPTJ K2EAA FS
        SUSAP KABQK2FH03-Z ACRSTN 010CRSTNK2EA0E  A    IF                                + 09000     18000210             A-FS
        SUSAP KABQK2FH03-Z ACRSTN 020ABQ  K2D 0V  B 010TF                                + 08500                          A FS
        SUSAP KABQK2FH03-Z ACRSTN 030BIENNK2EA0E    010TF                                + 08000         205              A-FS
```

CITY AND STATE	ELEVATION: **5355** **THRE: 5305**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ALBUQUERQUE, NM	AIRPORT NAME: **ALBUQUERQUE INTL SUNPORT**	**RNAV**	**RNAV (RNP) Z RWY 3, ORIG**	AMDT: **NONE**
				DATED:

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER ☐ (specify) _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

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SUSAP KABQK2FH03-Z ACRSTN 040GERNLK2EA0EE  L010RF       0027901345    03380049    + 06500                CFPTK K2EAA FS
SUSAP KABQK2FH03-Z ATNTOE 010TNTOEK2EA0E  B    IF                                  + 10000     18000                A FS
SUSAP KABQK2FH03-Z ATNTOE 020PLNETK2EA0E    010TF                                  + 09000          200             A-FS
SUSAP KABQK2FH03-Z ATNTOE 030BILDEK2EA0E   R010RF       0028202134    00120073    + 06900          200    CFPTJ K2EAA-FS
SUSAP KABQK2FH03-Z ATNTOE 040GERNLK2EA0EE  R081RF       0028200012    03380016    + 06500                CFPTJ K2EAA FS
SUSAP KABQK2FH03-Z H      020GERNLK2EA1E  F    IF                                  + 06500     18000      RW03  K2PGA FS
SUSAP KABQK2FH03-Z H      020GERNLK2EA2W                                               A031                         FS
SUSAP KABQK2FH03-Z H      030RW03 K2PG0GY M 031TF                                    05365            -300          A FS
SUSAP KABQK2FH03-Z H      040         0  M     CA                    0338          + 06200                        A FS
SUSAP KABQK2FH03-Z H      050ABQ  K2D 0VY  L   DF                                  + 08000                        A FS
SUSAP KABQK2FH03-Z H      060ABQ  K2D 0VE  L   HM                    07900070      + 08000          215           A-FS
```

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KABQK2GRW03    0100000338 N35012009W106375017+0100    +1595705305000060150IIBZY1
```

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KABQK2SRW03 K2PG               0   18018011925                                                                          M
```

CITY AND STATE	ELEVATION: 5355 THRE: 5305	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ALBUQUERQUE, NM	AIRPORT NAME: ALBUQUERQUE INTL SUNPORT	RNAV	RNAV (RNP) Z RWY 3, ORIG	AMDT: NONE
				DATED:

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

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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
	BIBQU	BIBQU	010	IAF	IF		FB				AA 08000	
	BIBQU	MRMIK	020		TF		FB	1.0			AA 07000	
	BIBQU	GERNL	030		TF		FB	1.0			AA 06500	
	CMSTR	CMSTR	010	IAF	IF		FB				AA 09000	AB 210
	CMSTR	ABQ	020		TF		FB	1.0			AA 08500	
	CMSTR	BIENN	030		TF		FB	1.0			AA 08000	AB 205
	CMSTR	GERNL	040		RF	L	FB	1.0		004.9	AA 06500	
	COMRO	COMRO	010		IF		FB				AA 10000	AB 210
	COMRO	CEMAC	020		TF		FB	1.0			AA 08000	
	COMRO	BILDE	030		TF		FB	1.0			AA 06900	AB 200
	COMRO	GERNL	040		RF	R	FB	0.8		001.6	AA 06500	
	CRSTN	CRSTN	010	IAF	IF		FB				AA 09000	AB 210
	CRSTN	ABQ	020		TF		FB	1.0			AA 08500	
	CRSTN	BIENN	030		TF		FB	1.0			AA 08000	AB 205
	CRSTN	GERNL	040		RF	L	FB	1.0		004.9	AA 06500	
	TNTOE	TNTOE	010		IF		FB				AA 10000	
	TNTOE	PLNET	020		TF		FB	1.0			AA 09000	AB 200
	TNTOE	BILDE	030		RF	R	FB	1.0		007.3	AA 06900	AB 200
	TNTOE	GERNL	040		RF	R	FB	0.8		001.6	AA 06500	
		GERNL	020	FAF	IF		FB				AA 06500	
		RW03	030	MAP	TF		FO	0.3			AT 05365	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		033.8(044.8T)		AA 06200	
	ABQ	050		DF	L	FO				AA 08000	
	ABQ	060		HM	L	FO		079.0(090.0T)	007.0	AA 08000	AB 215

POINT DATA

WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
ABQ	N350237.66	W1064858.72	N3502.628	W10648.979
BIBQU	N345237.59	W1064819.02	N3452.627	W10648.317
BIENN	N345911.16	W1064606.12	N3459.186	W10646.102
BILDE	N345724.49	W1064148.52	N3457.408	W10641.809
CEMAC	N345331.10	W1064249.61	N3453.518	W10642.827
CFPTJ	N345648.72	W1063827.32	N3456.812	W10638.455
CFPTK	N350046.11	W1064318.18	N3500.769	W10643.303
CMSTR	N350614.97	W1065313.01	N3506.250	W10653.217
COMRO	N344535.52	W1064444.58	N3445.592	W10644.743
CRSTN	N350902.90	W1064931.21	N3509.048	W10649.520
GERNL	N345848.08	W1064053.47	N3458.801	W10640.891
MRMIK	N345640.07	W1064327.59	N3456.668	W10643.460

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

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PLNET	N345450.34	W1063600.06	N3454.839	W10636.001
TNTOE	N345715.59	W1063307.75	N3457.260	W10633.129
RW03	N350120.09	W1063750.17	N3501.335	W10637.836

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW03	05305	60

CITY AND STATE	ELEVATION: 5355 THRE: 5305	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ALBUQUERQUE, NM	AIRPORT NAME: ALBUQUERQUE INTL SUNPORT	RNAV	RNAV (RNP) Z RWY 3, ORIG	AMDT: NONE
				DATED:

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
INTERMEDIATE	**TNTOE**	**PLNET**	**1. AAO**	**345642.00N/1063039.00W**	**5745 (4E)**	**500**	**AC98 AT2657**	**9000**
(RNP 1.00)			**2. TERRAIN**	**345548.00N/1063127.00W**	**5519 (5500)**		**AS1500**	**7000**
INTERMEDIATE: *STEPDOWN*	**PLNET**	**BILDE**	**3. AAO**	**345521.00N/1064342.00W**	**5607 (4E)**	**500**	**AC98**	**6300**
(RNP 1.00)			**4. TERRAIN**	**345521.00N/1064342.00W**	**5407 (5400)**		**AS1500**	**6900**
INTERMEDIATE	**COMRO**	**CEMAC**	**5. AAO**	**344524.00N/1064218.00W**	**5407 (4E)**	**500**	**AC98 AT1995**	**8000**
(RNP 1.00)			**6. TERRAIN**	**344524.00N/1064218.00W**	**5207 (5200)**		**AS1500**	**6700**
INTERMEDIATE: *STEPDOWN*	**CEMAC**	**BILDE**	**3. AAO**	**345521.00N/1064342.00W**	**5607 (4E)**	**500**	**AC98**	**6300**
(RNP 1.00)			**4. TERRAIN**	**345521.00N/1064342.00W**	**5407 (5400)**		**AS1500**	**6900**
INTERMEDIATE: *STEPDOWN*	**BILDE**	**GERNL**	**7. AAO**	**345648.00N/1064245.00W**	**5283 (4E)**	**500**	**AC98**	**5900**
(RNP 0.80) @			**8. TERRAIN**	**345709.00N/1063954.00W**	**4997 (5000)**		**AS1500**	**6500**
INITIAL	**BIBQU**	**MRMIK**	**9. AAO**	**345442.00N/1064915.00W**	**5742 (4E)**	**1000**	**AC98**	**6900**
(RNP 1.00)			**10. TERRAIN**	**345442.00N/1064915.00W**	**5542 (5500)**		**AS1500**	**7000**
INTERMEDIATE	**MRMIK**	**GERNL**	**11. AAO**	**345524.00N/1064339.00W**	**5529 (4E)**	**500**	**AC98 AT373**	**6500**
(RNP 1.00)			**12. TERRAIN**	**345806.00N/1064512.00W**	**5279 (5300)**		**AS1000**	**6300**

2. PROCEDURE TURN

3. MISSED APPROACH — MAP: ; ELEV:

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL
CATEGORY A	1.3 NM	350	
CATEGORY B	1.5 NM	450	
CATEGORY C	1.7 NM	450	
CATEGORY D	2.3 NM	550	
CATEGORY E	4.5 NM	550	

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: **RW03**

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	**TWR (35-000422)**	**027/ 14.5**	**10897 (1A)**	**11900**					

CITY AND STATE		FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
ALBUQUERQUE, NM	**ELEVATION: 5355** AIRPORT NAME: **ALBUQUERQUE INTL SUNPORT**	**RNAV**	**RNAV (RNP) Z RWY 3, ORIG**	**ASW**

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE	3. ALTIMETER SETTING
ZAB ARTCC ABQ APP CON ABQ TOWER SATISFACTORY ON:	N W S / F A A / A / C — OTHER: ASOS	SOURCE: KABQ DISTANCE: HOURS REMOTE OPERATION:
X VHF X UHF HF	LOCATION: KABQ	ADJUSTMENT: 0

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN:	CAT 1
		CAT 3
5. APPROACH & RUNWAY LIGHTING		ALS
		(S) SALS
	X	MALSR 08, 03
	X	HIRL 21, 08, 03, 26
	X	MIRL 17, 12, 30, 35
	X	REIL 17, 21, 30, 35, 03, 26
	X	TDZ 08, 03
	X	C/L 21, 08, 03, 26
	X	OTHER (SPECIFY) VASI-6L 08 PAPI-4L 21, 30, 03, 26 VASI-4L 17, 35
6. RUNWAY MARKINGS	BASIC	BSC-G 12, 30
	ALL WEATHER	PIR-G 21, 08, 03, 26
	INSTRUMENT	NPI-G 17, 35
7. RUNWAY VISUAL RANGE	APPROACH	08, 03
	MIDFIELD	
	ROLL OUT	
8. GLIDE PATH	GP ANGLE: 3.00	ELEV RWY THRESHOLD: 5305.1
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT: 59.9
9. FINAL APPROACH COURSE AIMING	X	RUNWAY THRESHOLD — FT. FROM THRESHOLD
	X	ON CENTERLINE — FT. FROM CENTERLINE

10. WAIVERS: NONE

PART D - PREPARED BY: PABLO ORTIZ	DATE: 05/31/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-353

PART C - REMARKS:

MAX SPEED BILDE TO GERNL - 200 KIAS.

MAX SPEED PLNET TO BILDE - 200 KIAS.

MAX SPEED BIENN TO GERNL - 205 KIAS.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

SEE ATTACHED AIRSPACE LETTER.

AUTHORIZATION REQUIRED (AR). FAAO 8260.52 CRITERIA USED

MULTIPLE INTERMEDIATES DEVELOPED PER USER/ATC REQUEST

BARO-VNAV NA BELOW -12C (11F) OR ABOVE 45C (114F)
ACT:-12C
DELTA ISA LOW: -16.40

AVERAGE COLD TEMPERATURE BASED ON 5 YEAR HISTORY 2006-2010

FINAL APPROACH AND MINIMUMS DERIVED FROM IPDS BUILD

MISSED APPROACH BUILT IAW 8260.54A (IPDS BUILT). 25 DEGREE BANK ANGLE USED IN MISSED APPROACH TO ALLOW FOR MINIMUM SEGMENT LENGTH AND RESTRICTED AT 215 KIAS

VRB ROC (0.30 HIGHER VALUE) APPLIED/USED

VEB DATA: SEE ATTACHED SPREADSHEETS

KABQ ASOS ON SERVICE A: 24 HRS

BACKUP ALTIMETER SOURCE NOT ESTABLISHED DUE TO REDUNDANT WEATHER SOURCES AT THE AIRPORT

PROCEDURE ENTRY ESTABLISHED AND WILL TIE INTO UPCOMING RNAV STARS. RADAR REQUIRED

100 FT VEGETATION USED PER FPT. PER MAP STUDY, SATELLITE STREET VIEW AND SATELLITE AERIAL STUDY 50 FT VEGETATION USED ON AIRPORT PROPERTY

VGSI DATA: 3.00/61.70

TERPS, VOLUME 1, VISUAL PORTION OF FINAL PENETRATIONS 34:1:
5316 BLDG 350110.49N/1063755.12W (1.41)

@ RNP 0.80 USED TO SUPPORT MINIMUM SEGMENT LENGTH

PER MANAGER, USE OF MEMORANDUM DATED 10/01/11 OF BANK ANGLES GREATER THAN 20 DEGREE APPROVED TO MAINTAIN ATC/INDUSTRY DESIGN REQUEST

*VKTW: OBTAINED FROM HISTORICAL WIND DATA (MITRE)

RF SEGMENT RADIUS/BANK ANGLE COMPUTATIONS:

SEGMENT	ALT	KIAS	HAA	*VKTW	TR	BA
PLNET-BILDE	6895	200	1540	39	2.82	20.19
BILDE-GERNL	6500	200	1145	36	2.82	19.55
BIENN-GERNL	6500	205	1145	36	2.79	20.54

#17 INTERMEDIATE IS THE CONTROLLER FOR CMSTR AND CRSTN TRANSITIONS

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
INITIAL	CMSTR	ABQ VORTAC	13. AAO	350630.00N/1065139.00W	6211 (4E)	1000	AT1191 AC98	8500
(RNP 1.00)			14. TERRAIN	350630.00N/1065142.00W	6011 (6000)		AS1500	7500
INITIAL	CRSTN	ABQ VORTAC	15. AAO	350954.00N/1065154.00W	6263 (4E)	1000	AC98 AT1139	8500
(RNP 1.00)			16. TERRAIN	350857.00N/1065142.00W	6044 (6000)		AS1500	7500
INTERMEDIATE	ABQ VORTAC	BIENN	17. AAO	350327.00N/1065127.00W	6099 (4E)	500	AC98 AT1303	8000
(RNP 1.00)			18. TERRAIN	350157.00N/1065118.00W	5798 (5800)		AS1500	7300
INTERMEDIATE: *STEPDOWN*	BIENN	GERNL	19. AAO	345945.00N/1064730.00W	5742 (4E)	500	AC98 AT160	6500
(RNP 1.00)			20. TERRAIN	345842.00N/1064554.00W	5443 (5400)		AS1000	6400
FINAL: RNP 0.30	GERNL	RW03	21. 50' TREE	350045.00N/1063812.00W	5313 (2D)	20.42:1	AC30	5604/299
MISSED APPROACH	*DA*	*RW03*				*ASC*		
(RNP 0.30-1.00)		*40:1*						

3. MISSED APPROACH									
	MAP:	*DA*	*ABQ VORTAC*				*ASC*		*8000*
				22. AAO	*350357.00N/1065109.00W*	*6109 (2D)*	*1000*	*AC30*	*7200*
	ELEV:	*5443*		*23. TERRAIN*	*350357.00N/1065109.00W*	*5909 (5900)*		*AS1500*	*7400*

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL
CATEGORY A	1.3 NM	350	
CATEGORY B	1.5 NM	450	
CATEGORY C	1.7 NM	450	
CATEGORY D	2.3 NM	550	
CATEGORY E	4.5 NM	550	

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID:

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A

CITY AND STATE	ELEVATION: 5355 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
ALBUQUERQUE, NM	ALBUQUERQUE INTL SUNPORT	RNAV	RNAV (RNP) Z RWY 3, ORIG	ASW

QUALITY CHECKED

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE			3. ALTIMETER SETTING
SATISFACTORY ON:		N W S	OTHER:	SOURCE:
		F A A		DISTANCE:
		A / C		HOURS REMOTE OPERATION:
V H F / U H F / H F	LOCATION:			ADJUSTMENT:

4. MONITOR STATUS	PRIMARY NAVAID:		
	MONITOR POINT:		
	HRS OPTN:	CAT 1	
		CAT 3	
5. APPROACH & RUNWAY LIGHTING		**ALS**	
		(S) SALS	
		MALS	
		HIRL	
		MIRL	
		REIL	
		TDZ	
		C/LINE	
		OTHER (SPECIFY)	
6. RUNWAY MARKINGS	BASIC		
	ALL WEATHER		
	INSTRUMENT		
7. RUNWAY VISUAL RANGE	APPROACH		
	MIDFIELD		
	ROLL OUT		
8. GLIDE PATH	GP ANGLE:	ELEV RWY THRESHOLD:	
	DISTANCE FROM RWY:	ELEV GP ANTENNA:	
		THRESHOLD CROSSING HEIGHT:	
9. FINAL APPROACH COURSE AIMING	RUNWAY THRESHOLD	FT. FROM THRESHOLD	
	ON CENTERLINE	FT. FROM CENTERLINE	

10. WAIVERS:

PART D - PREPARED BY:	DATE:
TITLE:	OFFICE:

PART C - REMARKS:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: BIBQU **STATE:** NM **COUNTRY:** US

LATITUDE/LONGITUDE: 345237.59N/1064819.02W **TYPE:** WP, RADAR, INT

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	ALBUQUERQUE	I-BZY	LOC		213.80	224.80		14.01		8000	10000
2	ALBUQUERQUE	ABQ	VORTAC	H	163.88	176.88		10.00		8000	10000

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	SW		WP	213.69	033.69	R		7	8000	12000	9	10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	344806.00N/1064757.00W	6185	4E

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
ALBUQUERQUE (FAC 1) AND ALBUQUERQUE (FAC 2) USED TO ESTABLISH FIX COORDINATES
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 3	1, 2		KABQ	ALBUQUERQUE	NM (US)
IAP	RNAV (GPS) Y RWY 3		1	KABQ	ALBUQUERQUE	NM (US)
IAP	RNAV (RNP) Z RWY 3			KABQ	ALBUQUERQUE	NM (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
ADDDED DIST FROM FAC TO FAC 1 14.01 NM AND FAC 2 10.00 NM.
REMOVED FAC 3.
REMOVED ESV DATA.
MOVED HOLDING LIMITED TO ESTABLISHED PATTERN FROM REMARKS TO HOLDING RESTRICTIONS.
CHANGED HOLDING CONTROLLING OBSTRUCTION TERRAIN TO AAO.
ADDED PRECIPITOUS TERRAIN EVALUATION COMPLETED TO REMARKS.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 05/10/2012 **OFFICE:** AJV-353 **NAME:** PABLO ORTIZ

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: CEN
ARTCC: ZAB
ATC FACILITY: ABQ APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: BIENN **STATE:** NM **COUNTRY:** US

LATITUDE/LONGITUDE: 345911.16N/1064606.12W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (RNP) Z RWY 3			KABQ	ALBUQUERQUE	NM (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 09/20/2012

DEVELOPED BY: **DATE:** 02/22/2012 **OFFICE:** AJV-353 **NAME:** PABLO ORTIZ

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZAB
ATC FACILITY: ABQ APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: BILDE **STATE:** NM **COUNTRY:** US

LATITUDE/LONGITUDE: 345724.49N/1064148.52W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (RNP) Z RWY 3			KABQ	ALBUQUERQUE	NM (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 09/20/2012

DEVELOPED BY: **DATE:** 02/21/2012 **OFFICE:** AJV-353 **NAME:** PABLO ORTIZ

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZAB
ATC FACILITY: ABQ APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CEMAC **STATE:** NM **COUNTRY:** US

LATITUDE/LONGITUDE: 345331.10N/1064249.61W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (RNP) Z RWY 3			KABQ	ALBUQUERQUE	NM (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 09/20/2012

DEVELOPED BY: **DATE:** 02/22/2012 **OFFICE:** AJV-353 **NAME:** PABLO ORTIZ

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZAB
ATC FACILITY: ABQ APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CFPTK **STATE:** NM **COUNTRY:** US

LATITUDE/LONGITUDE: 350046.11N/1064318.18W **TYPE:** CNF

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (RNP) Z RWY 3			KABQ	ALBUQUERQUE	NM (US)

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 09/20/2012

DEVELOPED BY: **DATE:** 02/22/2012 **OFFICE:** AJV-353 **NAME:** PABLO ORTIZ

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZAB
ATC FACILITY: ABQ APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CFPTJ **STATE:** NM **COUNTRY:** US

LATITUDE/LONGITUDE: 345648.72N/1063827.32W **TYPE:** CNF

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (RNP) Z RWY 3			KABQ	ALBUQUERQUE	NM (US)

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 09/20/2012

DEVELOPED BY: **DATE:** 02/21/2012 **OFFICE:** AJV-353 **NAME:** PABLO ORTIZ

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZAB
ATC FACILITY: ABQ APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CMSTR **STATE:** NM **COUNTRY:** US

LATITUDE/LONGITUDE: 350614.97N/1065313.01W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (RNP) Z RWY 3			KABQ	ALBUQUERQUE	NM (US)
IAP	RNAV (RNP) Z RWY 8			KABQ	ALBUQUERQUE	NM (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 09/20/2012

DEVELOPED BY: **DATE:** 02/22/2012 **OFFICE:** AJV-353 **NAME:** PABLO ORTIZ

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZAB
ATC FACILITY: ABQ APP CON
OTHER:

QUALITY CHECKED 9

RADIO FIX AND HOLDING DATA RECORD

NAME: COMRO **STATE:** NM **COUNTRY:** US

LATITUDE/LONGITUDE: 344535.52N/1064444.58W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (RNP) Z RWY 3			KABQ	ALBUQUERQUE	NM (US)
IAP	RNAV (RNP) Z RWY 8			KABQ	ALBUQUERQUE	NM (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 09/20/2012

DEVELOPED BY: **DATE:** 02/22/2012 **OFFICE:** AJV-353 **NAME:** PABLO ORTIZ

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZAB
ATC FACILITY: ABQ APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CRSTN **STATE:** NM **COUNTRY:** US

LATITUDE/LONGITUDE: 350902.90N/1064931.21W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (RNP) Z RWY 3			KABQ	ALBUQUERQUE	NM (US)
IAP	RNAV (RNP) Z RWY 8			KABQ	ALBUQUERQUE	NM (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 09/20/2012

DEVELOPED BY: **DATE:** 04/06/2012 **OFFICE:** AJV-353 **NAME:** PABLO ORTIZ

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZAB
ATC FACILITY: ABQ APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: GERNL **STATE:** NM **COUNTRY:** US

LATITUDE/LONGITUDE: 345848.08N/1064053.47W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (RNP) Z RWY 3			KABQ	ALBUQUERQUE	NM (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 09/20/2012

DEVELOPED BY: **DATE:** 02/21/2012 **OFFICE:** AJV-353 **NAME:** PABLO ORTIZ

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZAB
ATC FACILITY: ABQ APP CON, ABQ ATCT
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: MRMIK **STATE:** NM **COUNTRY:** US

LATITUDE/LONGITUDE: 345640.07N/1064327.59W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (RNP) Z RWY 3			KABQ	ALBUQUERQUE	NM (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 09/20/2012

DEVELOPED BY: **DATE:** 02/22/2012 **OFFICE:** AJV-353 **NAME:** PABLO ORTIZ

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZAB
ATC FACILITY: ABQ APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: PLNET **STATE:** NM **COUNTRY:** US

LATITUDE/LONGITUDE: 345450.34N/1063600.06W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (RNP) Z RWY 3			KABQ	ALBUQUERQUE	NM (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 09/20/2012

DEVELOPED BY: **DATE:** 02/21/2012 **OFFICE:** AJV-353 **NAME:** PABLO ORTIZ

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZAB
ATC FACILITY: ABQ APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: TNTOE **STATE:** NM **COUNTRY:** US

LATITUDE/LONGITUDE: 345715.59N/1063307.75W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (RNP) Z RWY 3			KABQ	ALBUQUERQUE	NM (US)
IAP	RNAV (RNP) Z RWY 8			KABQ	ALBUQUERQUE	NM (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 09/20/2012

DEVELOPED BY: **DATE:** 02/21/2012 **OFFICE:** AJV-353 **NAME:** PABLO ORTIZ

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZAB
ATC FACILITY: ABQ APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ALBUQUERQUE VORTAC **STATE:** NM **COUNTRY:** US

LATITUDE/LONGITUDE: 350237.66N/1064858.72W **TYPE:**

INFO ONLY

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	ALBUQUERQUE	ABQ	VORTAC	H							45000

FIX RESTRICTIONS:
MCA V68 10000 SOUTHEAST BOUND
MCA V190 11500 NORTHEAST BOUND
MCA V12 10700 EASTBOUND

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	W	ABQ	VORTAC	257.00	077.00	L	1-1 1/2		8000	29000	8	22
2	W		WP	259.00	079.00	L		7	8000	14000	9	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	230	AAO	350259.50N/1071124.70W	6900	6A
1	230	AAO	350445.00N/1070833.00W	6503	4E
1	310	AAO	350259.50N/1071124.70W	6900	6A
2	230	AAO	350418.00N/1070845.00W	6644	4E

REASON FOR NONSTANDARD HOLDING:
PAT 1 AVOID INBOUND/OUTBOUND TRAFFIC
PAT 2 ATC REQUEST

HOLDING RESTRICTIONS:
UNPLANNED HOLDING NA R-360 CW TO R-110. UNPLANNED HOLDING NA BELOW 10000 R-167 CW TO R-359.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 3	KABQ	ALBUQUERQUE	NM (US)
1	TAKEOFF MINIMUMS	KABQ	ALBUQUERQUE	NM (US)

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	CHEZZ (RNAV)			KPHX	PHOENIX	AZ (US)
DP	RIMMM (RNAV)			KPHX	PHOENIX	AZ (US)
DP	ST. JOHNS			KPHX	PHOENIX	AZ (US)
DP	SCOTTSDALE			KSDL	SCOTTSDALE	AZ (US)
DP	ALBUQUERQUE		1	KABQ	ALBUQUERQUE	NM (US)
DP	LARGO		1	KABQ	ALBUQUERQUE	NM (US)
DP	TAKEOFF MINIMUMS		1	KABQ	ALBUQUERQUE	NM (US)
DP	ZIASE			KSAF	SANTA FE	NM (US)
EN ROUTE	J13					(US)
EN ROUTE	J15					(US)
EN ROUTE	J18					(US)
EN ROUTE	J57					(US)
EN ROUTE	J6					(US)
EN ROUTE	J72					(US)
EN ROUTE	J78					(US)
EN ROUTE	V12					(US)
EN ROUTE	V187					(US)
EN ROUTE	V190					(US)
EN ROUTE	V234					(US)
EN ROUTE	V263					(US)
EN ROUTE	V291					(US)
EN ROUTE	V60					(US)
EN ROUTE	V611					(US)
EN ROUTE	V68					(US)
IAP	HI TACAN RWY 8		1	KABQ	ALBUQUERQUE	NM (US)
IAP	HI-ILS OR LOC RWY 8			KABQ	ALBUQUERQUE	NM (US)
IAP	ILS OR LOC RWY 3		1	KABQ	ALBUQUERQUE	NM (US)
IAP	ILS OR LOC RWY 8		1	KABQ	ALBUQUERQUE	NM (US)
IAP	RNAV (GPS) RWY 17		2	KABQ	ALBUQUERQUE	NM (US)
IAP	RNAV (GPS) RWY 35		2	KABQ	ALBUQUERQUE	NM (US)
IAP	RNAV (GPS) Y RWY 3			KABQ	ALBUQUERQUE	NM (US)
IAP	RNAV (GPS) Y RWY 8			KABQ	ALBUQUERQUE	NM (US)

QUALITY CHECKED 9

IAP	RNAV (RNP) Y RWY 21	2	KABQ	ALBUQUERQUE	NM (US)
IAP	RNAV (RNP) Y RWY 26	2	KABQ	ALBUQUERQUE	NM (US)
IAP	RNAV (RNP) Z RWY 21	2	KABQ	ALBUQUERQUE	NM (US)
IAP	RNAV (RNP) Z RWY 26	2	KABQ	ALBUQUERQUE	NM (US)
IAP	RNAV (RNP) Z RWY 3	2	KABQ	ALBUQUERQUE	NM (US)
IAP	RNAV (RNP) Z RWY 8	2	KABQ	ALBUQUERQUE	NM (US)
IAP	VOR OR TACAN RWY 8	1	KABQ	ALBUQUERQUE	NM (US)
IAP	ILS RWY 22		KAEG	ALBUQUERQUE	NM (US)
IAP	RNAV (GPS) RWY 22		KAEG	ALBUQUERQUE	NM (US)
STAR	CURLY		KABQ	ALBUQUERQUE	NM (US)
STAR	FRIHO		KABQ	ALBUQUERQUE	NM (US)
STAR	LAVAN		KABQ	ALBUQUERQUE	NM (US)
STAR	MIERA		KABQ	ALBUQUERQUE	NM (US)
STAR	CURLY		KAEG	ALBUQUERQUE	NM (US)
STAR	FRIHO		KAEG	ALBUQUERQUE	NM (US)
STAR	LAVAN		KAEG	ALBUQUERQUE	NM (US)
STAR	MIERA		KAEG	ALBUQUERQUE	NM (US)

REQUIRED CHARTING: DP, STAR, MILITARY IAP, IAP, CONTROLLER, EN ROUTE LOW, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 15 **DATE OF REVISION:** 10/20/2011

REASON FOR REVISION:
DELETED PAT 3 (NOT USED)
ADDED REASON FOR PAT 2 NON STANDARD HOLDING
UPDATED PRECIPITOUS TERRAIN EVAL REMARK
DELETED CLIMB-IN-HOLD REMARK
MOVE UNPLANNED HOLDING REMARK TO HOLDING RESTRICTIONS
UPDATED FIX USE
LOWERED PAT 1 MAX TEMPLATE FROM 25 TO 22

DEVELOPED BY: **DATE:** 04/05/2011 **OFFICE:** AJV-353 **NAME:** JOSE ALFONSO (DANA MITCHELL)

APPROVED BY: **DATE:** 08/08/2011 **OFFICE:** AJV-353 **NAME:** GREGORY YAMAMOTO

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: CEN
ARTCC: ZAB
ATC FACILITY: ABQ APP CON
OTHER:

QUALITY CHECKED

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **ALBUQUERQUE** STATE: **NM**

AIRPORT NAME: **ALBUQUERQUE INTL SUNPORT** ID: **KABQ**

PROCEDURE: **RNAV (RNP) Z RWY 3** AMDT: **ORIG**

DOCKET # : **NOT REQUIRED**
(96-AXX-X/Required/Not Required)

ALL DIST TO 1/100 NM; ELEV TO NEAREST FT; COORD TO 1/100 SEC; DEG TO 1/100 DG.

1. Distance from **THLD** to 1000' point **2.94**
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of **FINAL** segment at 1000' point **1.20**
   (Enter appropriate segment , final, intermediate, etc.)
3. True Course of **FINAL** segment containing 1000' point **44.76**
4. High terrain in **FINAL** segment containing 1000' point **5315**
5. Distance from **THLD** to 1500' point **4.51**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **INTERMEDIATE** segment at 1500' point **4.00**
7. True Course of **INTERMEDIATE** segment containing 1500' point **044.73**
8. High terrain in **INTERMEDIATE** segment containing 1500' point **5279**
9. Threshold Coordinates (if straight-in) ... **350120.09N** / **1063750.17W**
10. ARP coordinates ..... **350224.70N** / **1063633.10W**
11. Runway end and distance furthest from ARP.....RWY **26**
    (Click to Select)
    Distance **1.67** NM
12. FAF Coordinates ..... **345848.08N** / **1064053.47W**
    (Click to Select)

REMARKS: Approach/Drawing attached. 7. 1500 FT POINT OCCURS IN TF INTERMEDIATE SEGMENT MRMIK 345640.07N/1064327.59W TO GERNL 345848.08N/1064053.47W. PAGE 1 OF 3 PAGES

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **ALBUQUERQUE** STATE: **NM**

AIRPORT NAME: **ALBUQUERQUE INTL SUNPORT** ID: **KABQ**

PROCEDURE: **RNAV (RNP) Z RWY 3** AMDT: **ORIG**

DOCKET # : **NOT REQUIRED**
(96-AXX-X/Required/Not Required)

ALL DIST TO 1/100 NM; ELEV TO NEAREST FT; COORD TO 1/100 SEC; DEG TO 1/100 DG.

1. Distance from **THLD** to 1000' point **2.94**
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of **FINAL** segment at 1000' point **1.20**
   (Enter appropriate segment , final, intermediate, etc.)
3. True Course of **FINAL** segment containing 1000' point **44.76**
4. High terrain in **FINAL** segment containing 1000' point **5315**
5. Distance from **THLD** to 1500' point **3.56**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **INTERMEDIATE** segment at 1500' point **3.20**
7. True Course of **INTERMEDIATE** segment containing 1500' point *****
8. High terrain in **INTERMEDIATE** segment containing 1500' point **4997**
9. Threshold Coordinates (if straight-in) ... **350120.09N / 1063750.17W**
10. ARP coordinates ..... **350224.70N / 1063633.10W**
11. Runway end and distance furthest from ARP.....RWY **26**
    (Click to Select)
    Distance **1.67** NM
12. FAF Coordinates ..... **345848.08N / 1064053.47W**
    (Click to Select)

REMARKS: Approach/Drawing attached. * 1500 FT POINT OCCURS AT GERNL IN RF INTERMEDIATE SEGMENT BILDE 345724.49N/1064148.52W TO GERNL 345848.08N/1064053.47W. RADIUS FIX TURN CENTER POINT CNF (CFPTJ) 345648.72N/1063827.32W, ARC RADIUS 2.82 NM. PAGE 2 OF 3 PAGES.

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **ALBUQUERQUE** STATE: **NM**

AIRPORT NAME: **ALBUQUERQUE INTL SUNPORT** ID: **KABQ**

PROCEDURE: **RNAV (RNP) Z RWY 3** AMDT: **ORIG**

DOCKET # : **NOT REQUIRED**
(96-AXX-X/Required/Not Required)

ALL DIST TO 1/100 NM; ELEV TO NEAREST FT; COORD TO 1/100 SEC; DEG TO 1/100 DG.

1. Distance from **THLD** to 1000' point **2.94**
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of **FINAL** segment at 1000' point **1.20**
   (Enter appropriate segment , final, intermediate, etc.)
3. True Course of **FINAL** segment containing 1000' point **44.76**
4. High terrain in **FINAL** segment containing 1000' point **5315**
5. Distance from **THLD** to 1500' point **4.82**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **INTERMEDIATE** segment at 1500' point **4.00**
7. True Course of **INTERMEDIATE** segment containing 1500' point *****
8. High terrain in **INTERMEDIATE** segment containing 1500' point **5443**
9. Threshold Coordinates (if straight-in) ... **350120.09N / 1063750.17W**
10. ARP coordinates ..... **350224.70N / 1063633.10W**
11. Runway end and distance furthest from ARP.....RWY **26**
    (Click to Select)
    Distance **1.67** NM
12. FAF Coordinates ..... **345848.08N / 1064053.47W**
    (Click to Select)

REMARKS: Approach/Drawing attached. *1500 FT POINT OCCURS IN RF INTERMEDIATE STEPDOWN SEGMENT BIENN 345911.16N/1064606.12W TO GERNL 345848.08N/1064053.47W. RADIUS FIX TURN CENTER POINT CNF (CFPTK) 350046.11N/1064318.18W, ARC RADIUS 2.79 NM. PAGE 3 OF 3 PAGES.