Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: IAP	Date Open: 12/20/2010	Task #: 2007072521568001003	Request #: 20070725215680
Procedure: RNAV (RNP) Z RWY 8 ORIG		Airport ID: KABQ	Airport: ALBUQUERQUE INTL SUNPORT		Reimbursable #:
City: ALBUQUERQUE	ST: NM	GPS #:		Estimated Chart Date: 09/20/2012	FICO #:
Fac ID:	Fac. Type: RNP	Specialist: PABLO ORTIZ			

Procedure Review

	Rec'd	Rel'd	Full Name	Comments
Lead:	03/29/2012	06/01/2012	JILL OLSON	
QA:	06/01/2012	06/01/2012	STEVEN SZUKALA	
Liaison:	06/01/2012		Alfonso	

Procedure Comments: ENROUTE **Remark Type:** INFORMATION

pkg 2 of 8

ALBUQUERQUE, NM ALBUQUERQUE INTL SUNPORT (KABQ) RNAV (RNP) Z RWY 8, ORIG (RNP) ENROUTE-YES FC: 7.24.12 PUB: 9.20.12

ATTACHED FORMS: 8260-3; 8260-10; 8260-9; 8260-2(S): ACMIE, ORIG; CFPTL, ORIG; CFPTM, ORIG; CMSTR, ORIG; COKAR, ORIG; COMRO, ORIG; CRSTN, ORIG; FRANI, ORIG; GZELL, ORIG; REYON, ORIG; RKART, ORIG; TNTOE, ORIG; UNCIR, ORIG; (INFO ONLY) ALBUQUERQUE (ABQ) VTAC, REV 15.

CONTACT: JILL OLSON, AJV-353 LEAD, 405.954.9568:

APP CRS	Rwy ldg	12793
079°	THRE	5315
	Apt Elev	5355

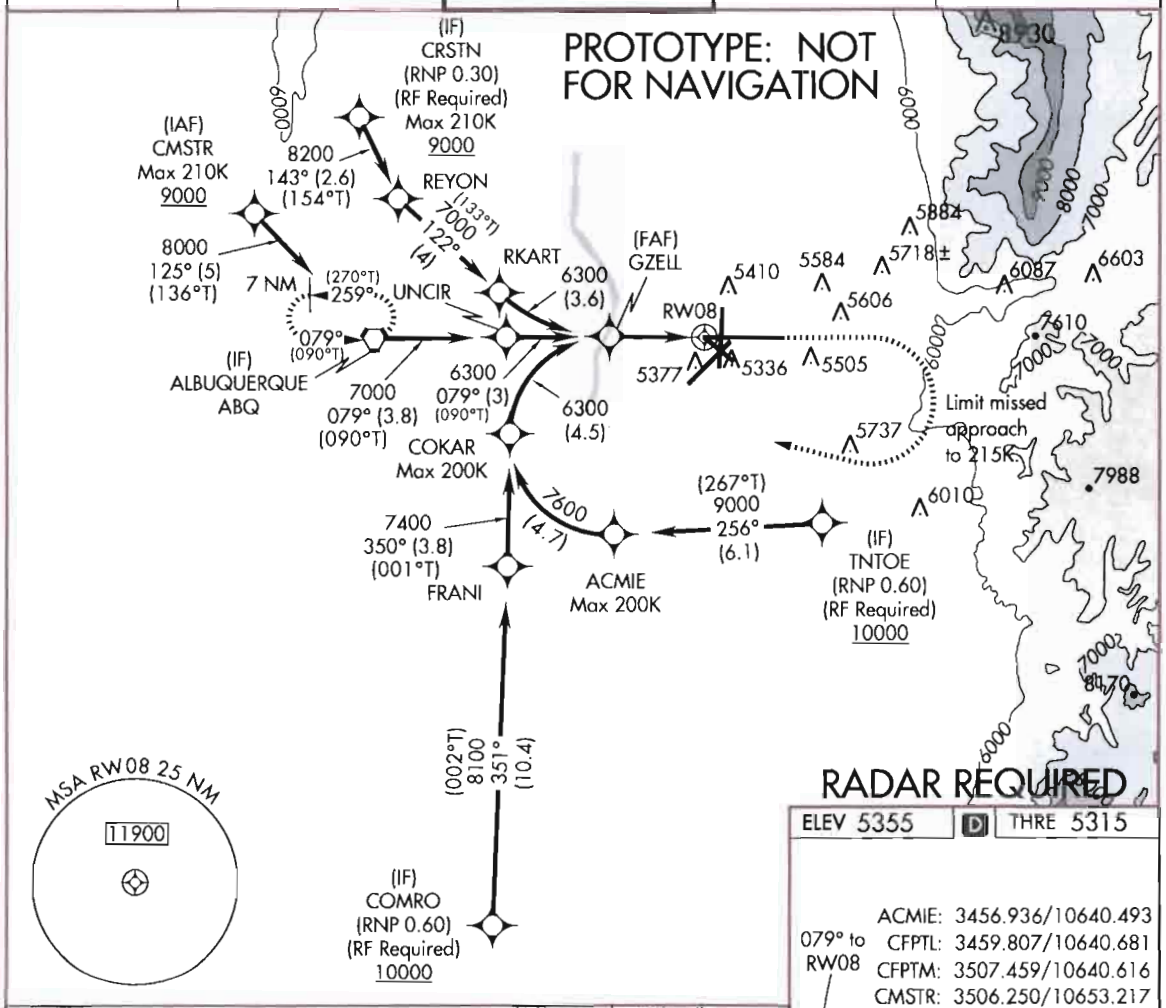
RNAV (RNP) Z RWY 8
ALBUQUERQUE INTL SUNPORT (ABQ)

ASR: For uncompensated Baro-VNAV systems, procedure NA below -12°C (11°F) or above 47°C (117°F). For inop MALSR, increase RNP 0.30 all Cats visibility to RVR 4700. GPS Required.

MALSR

MISSED APPROACH: Climb to 5900 then climbing right turn to 8000 direct ABQ VORTAC and hold.

ATIS	ALBUQUERQUE APP CON	ALBUQUERQUE TOWER	GND CON	CLNC DEL
118.0 257.7	123.9 354.1	120.3 351.9	121.9 348.6	119.2 259.3



ELEV 5355 | D | THRE 5315

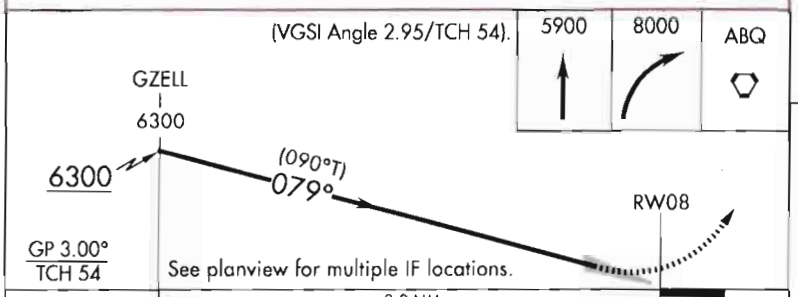
079° to RW08

ACMIE:	3456.936/10640.493
CFPTL:	3459.807/10640.681
CFPTM:	3507.459/10640.616
CMSTR:	3506.250/10653.217
COKAR:	3459.853/10644.174
COMRO:	3445.592/10644.743
CRSTN:	3509.048/10649.520
FRANI:	3456.003/10644.248
GZELL:	3502.681/10640.657
REYON:	3506.681/10648.132
RKART:	3503.947/10644.556
TNTOE:	3457.260/10633.129
UNCIR:	3502.659/10644.307
DRWT08:	3502.660/10637.095
ABQ:	3502.628/10648.979

TDZ/CL Rwys 3 and 8
HIRL Rwys 3-21 and 8-26
MIRL Rwys 12-30 and 17-35
REIL Rwys 3, 17, 21, 26, 30 and 35

(VGSI Angle 2.95/TCH 54).

5900	8000	ABQ



CATEGORY	A	B	C	D
RNP 0.30 DA	5614-24 299 (300-½)			

AUTHORIZATION REQUIRED

AUTOMATED AL-12 RNAV (RNP) Z RWY 8
AUTOMATED AL-12 RNAV (RNP) Z RWY 8

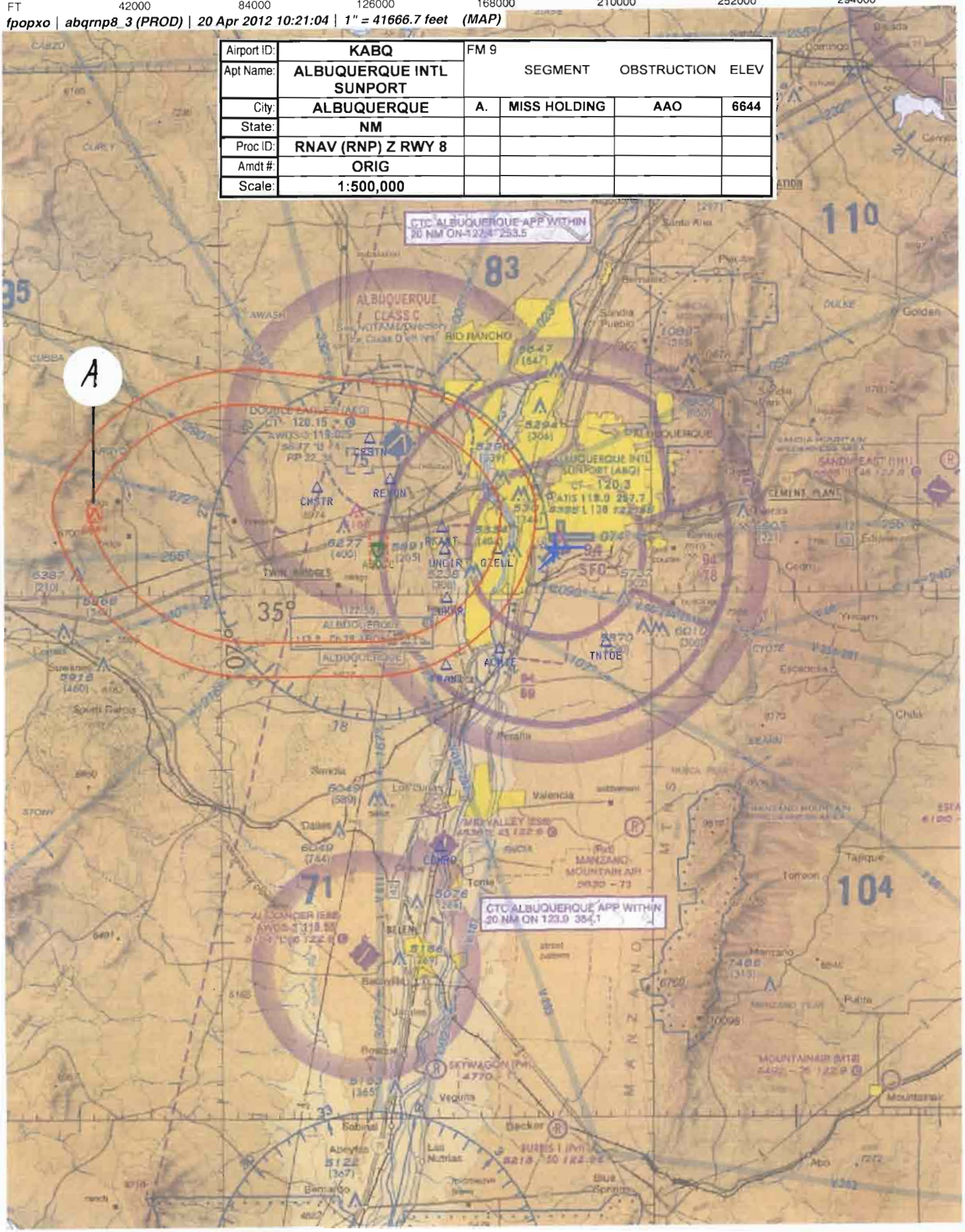
SW-1
24 APR 2012
COMPILER: CW
REVIEWER:
DBL CHKR:
EFF DATE: FIG
UID#: 32779
SECT: ALBUQUERQUE

NM 7 14 21 28 35 42 49

FT 42000 84000 126000 168000 210000 252000 294000

fpopxo | abqrnp8_3 (PROD) | 20 Apr 2012 10:21:04 | 1" = 41666.7 feet (MAP)

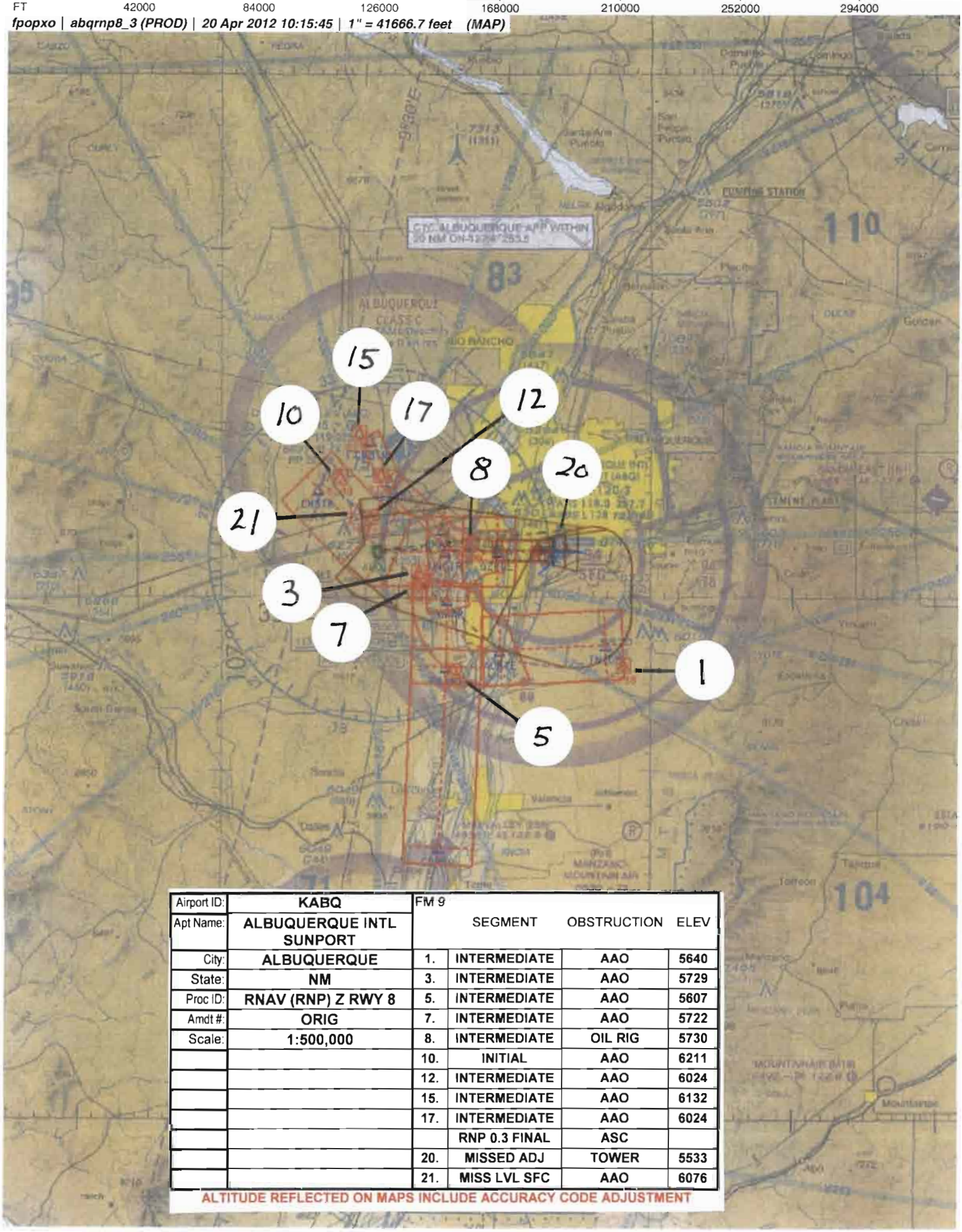
Airport ID:	KABQ	FM 9			
Apt Name:	ALBUQUERQUE INTL SUNPORT		SEGMENT	OBSTRUCTION	ELEV
City:	ALBUQUERQUE	A.	MISS HOLDING	AAO	6644
State:	NM				
Proc ID:	RNAV (RNP) Z RWY 8				
Amdt #:	ORIG				
Scale:	1:500,000				



NM 7 14 21 28 35 42 49

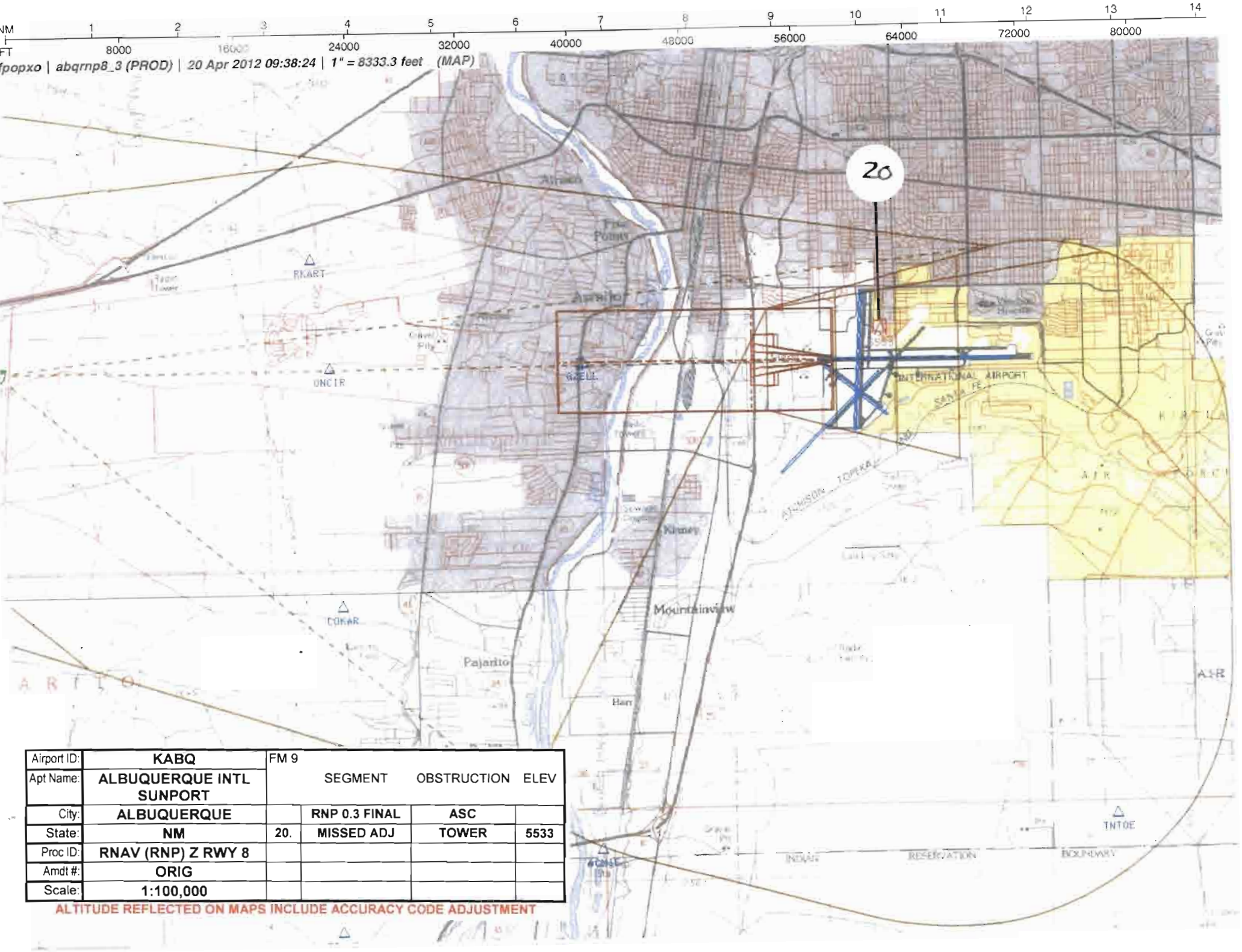
FT 42000 84000 126000 168000 210000 252000 294000

fpopxo | abqrnp8_3 (PROD) | 20 Apr 2012 10:15:45 | 1" = 41666.7 feet (MAP)



Airport ID:	KABQ	FM 9			
Apt Name:	ALBUQUERQUE INTL SUNPORT		SEGMENT	OBSTRUCTION	ELEV
City:	ALBUQUERQUE	1.	INTERMEDIATE	AAO	5640
State:	NM	3.	INTERMEDIATE	AAO	5729
Proc ID:	RNAV (RNP) Z RWY 8	5.	INTERMEDIATE	AAO	5607
Amdt #:	ORIG	7.	INTERMEDIATE	AAO	5722
Scale:	1:500,000	8.	INTERMEDIATE	OIL RIG	5730
		10.	INITIAL	AAO	6211
		12.	INTERMEDIATE	AAO	6024
		15.	INTERMEDIATE	AAO	6132
		17.	INTERMEDIATE	AAO	6024
			RNP 0.3 FINAL	ASC	
		20.	MISSED ADJ	TOWER	5533
		21.	MISS LVL SFC	AAO	6076

ALTITUDE REFLECTED ON MAPS INCLUDE ACCURACY CODE ADJUSTMENT



Airport ID:	KABQ	FM 9			
Apt Name:	ALBUQUERQUE INTL SUNPORT		SEGMENT	OBSTRUCTION	ELEV
City:	ALBUQUERQUE		RNP 0.3 FINAL	ASC	
State:	NM	20.	MISSED ADJ	TOWER	5533
Proc ID:	RNAV (RNP) Z RWY 8				
Amdt #:	ORIG				
Scale:	1:100,000				

ALTITUDE REFLECTED ON MAPS INCLUDE ACCURACY CODE ADJUSTMENT

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

FROM	TO	COURSE AND DISTANCE	ALTITUDE
TNTOE (IF)	ACMIE (TF) (FB) (RNP 1.00)	255.98 / 6.06	9000
ACMIE	COKAR (RF) (FB) (RNP 1.00)	(2.87 NM RADIUS CW (CFPTL)/4.71	7600
COMRO (IF)	FRANI (TF) (FB) (RNP 1.00)	351.24 / 10.40	8100
FRANI	COKAR (TF) (FB) (RNP 1.00)	349.91 / 3.84	7400
COKAR	GZELL (RF) (FB) (RNP 0.60)	(2.87 NM RADIUS CW (CFPTL)/4.48	6300
(SEE FORM 8260-10)			

MISSED APPROACH

MAP: DA

CLIMB TO 5900 THEN CLIMBING RIGHT TURN 8000 DIRECT ABQ VORTAC AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT GZELL
3. FAC: 079.40 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: GZELL 6300
5. DIST TO THLD FROM OM: 2.92 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 6300 GS ALT AT: GZELL 6300 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: # 53.7 34:1 IS CLEAR
8. MSA FROM: RW08 11900

ADDITIONAL FLIGHT DATA:
HOLD W, LT, 079.00 INBOUND.
CHART: ASR.
DISTANCE TO THLD FROM 299 HATH: 0.77 NM.
CHART MINIMUM 9000 AT CMSTR
CHART MINIMUM 9000 AT CRSTN
CHART MINIMUM 10000 AT COMRO
CHART MINIMUM 10000 AT TNTOE
ROUTE TYPE: A, H
ROUTE TYPE QUALIFIER: F
ROUTE TYPE QUALIFIER: S
#TCH 5368.4 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	5614	2400	299	5614	2400	299	5614	2400	299	5614	2400	299			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -12C (11F) OR ABOVE 47C (117F).
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE RNP 0.30 ALL CATS VISIBILITY TO RVR 4500.
CHART NOTE: GPS REQUIRED.
CHART PLANVIEW NOTE AT CRSTN : MAX 210 KIAS.
(SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 5355 THRE: 5315 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ALBUQUERQUE, NM	ALBUQUERQUE INTL SUNPORT	RNAV	RNAV (RNP) Z RWY 8, 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
CMSTR (IAF)	ABQ VORTAC (TF) (FB) (RNP 1.00)	125.09 / 5.02	8000
ABQ VORTAC (IF)	UNCIR (TF) (FB) (RNP 1.00)	078.52 / 3.84	7000
UNCIR	GZELL (TF) (FB) (RNP 1.00)	078.55 / 3.00	6300
CRSTN (IF)	REYON (TF) (FB) (RNP 0.30)	143.28 / 2.62	8200
REYON	RKART (TF) (FB) (RNP 0.30)	121.92 / 3.98	7000
RKART	GZELL (RF) (FB) (RNP 0.30)	(4.77 NM RADIUS CCW (CFPTM)/3.55	6300
GZELL (FAF)	RW08 (MAP) (TF) (FO)	079.40 / 2.92	
RW08 (MAP)	*5900 MSL (CA)*	079.40	5900
5900 MSL	ABQ VORTAC (DF) (FO)		8000

NOTES, (CONT.):
CHART PLANVIEW NOTE AT CMSTR : MAX 210 KIAS.
CHART PLANVIEW NOTE AT COKAR : MAX 200 KIAS.
CHART PLANVIEW NOTE AT ACMIE : MAX 200 KIAS.
CHART PLANVIEW NOTE: RADAR REQUIRED.
CHART PLANVIEW NOTE ADJACENT TO TNTOE IF: RF REQUIRED.
CHART PLANVIEW NOTE ADJACENT TO COMRO IF: RF REQUIRED.
CHART PLANVIEW NOTE ADJACENT TO CRSTN IF: RF REQUIRED.
CHART PLANVIEW NOTE AT TNTOE: (RNP 0.60).
CHART PLANVIEW NOTE AT COMRO: (RNP 0.60).
CHART PLANVIEW NOTE AT CRSTN: (RNP 0.30).
CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.
CHART PLANVIEW NOTE: LIMIT MISSED APPROACH TO 215 KIAS.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 5355 THRE: 5315	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ALBUQUERQUE, NM	AIRPORT NAME: ALBUQUERQUE INTL SUNPORT	RNAV	RNAV (RNP) Z RWY 8, 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**

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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   ACMIE K20    W     N34565617W106402956                     E0091     NAR           ACMIE
        SUSAEAENRT   CFPTL K20    W     N34594839W106404087                     E0091     NAR           CNF(CFPTL)
        SUSAEAENRT   CFPTM K20    W     N35072752W106403697                     E0091     NAR           CNF(CFPTM)
        SUSAEAENRT   CMSTR K20    W     N35061497W106531301                     E0092     NAR           CMSTR
        SUSAEAENRT   COKAR K20    W     N34595116W106441045                     E0091     NAR           COKAR
        SUSAEAENRT   COMRO K20    W     N34453552W106444458                     E0091     NAR           COMRO
        SUSAEAENRT   CRSTN K20    W     N35090290W106493121                     E0092     NAR           CRSTN
        SUSAEAENRT   FRANI K20    W     N34560018W106441490                     E0091     NAR           FRANI
        SUSAEAENRT   GZELL K20    W     N35024087W106403941                     E0091     NAR           GZELL
        SUSAEAENRT   REYON K20    W     N35064084W106480792                     E0092     NAR           REYON
        SUSAEAENRT   RKART K20    W     N35035682W106443334                     E0092     NAR           RKART
        SUSAEAENRT   TNTOE K20    W     N34571559W106330775                     E0091     NAR           TNTOE
        SUSAEAENRT   UNCIR K20    W     N35023952W106441840                     E0092     NAR           UNCIR

                 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 KABQK2FH08-Z ACMSTR 010CMSTRK2EA0E  A    IF                                  + 09000     18000210              A-FS
        SUSAP KABQK2FH08-Z ACMSTR 020ABQ  K2D 0V  B 010TF                                  + 08000                           A FS
        SUSAP KABQK2FH08-Z ACMSTR 030UNCIRK2EA0E    010TF                                  + 07000                           A FS
        SUSAP KABQK2FH08-Z ACMSTR 040GZELLK2EA0EE   010TF                                  + 06300                           A FS
        SUSAP KABQK2FH08-Z ACOMRO 010COMROK2EA0E  B    IF                                  + 10000     18000                 A FS
        SUSAP KABQK2FH08-Z ACOMRO 020FRANIK2EA0E    010TF                                  + 08100                           A FS
        SUSAP KABQK2FH08-Z ACOMRO 030COKARK2EA0E    010TF                                  + 07400         200               A-FS
        SUSAP KABQK2FH08-Z ACOMRO 040GZELLK2EA0EE  R061RF       0028703499    07940045    + 06300                CFPTL K2EAA FS
        SUSAP KABQK2FH08-Z ACRSTN 010CRSTNK2EA0E  B    IF                                  + 09000     18000210              A-FS
        SUSAP KABQK2FH08-Z ACRSTN 020REYONK2EA0E    031TF                                  + 08200                           A FS
        SUSAP KABQK2FH08-Z ACRSTN 030RKARTK2EA0E    031TF                                  + 07000                           A FS
        SUSAP KABQK2FH08-Z ACRSTN 040GZELLK2EA0EE  L031RF       0047701219    07940036    + 06300                CFPTM K2EAA FS
        SUSAP KABQK2FH08-Z ATNTOE 010TNTOEK2EA0E  B    IF                                  + 10000     18000                 A FS
        SUSAP KABQK2FH08-Z ATNTOE 020ACMIEK2EA0E    010TF                                  + 09000         200               A-FS
```

CITY AND STATE	ELEVATION: **5355** THRE: **5315**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ALBUQUERQUE, NM	AIRPORT NAME: **ALBUQUERQUE INTL SUNPORT**	**RNAV**	**RNAV (RNP) Z RWY 8, 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 KABQK2FH08-Z ATNTOE 030COKARK2EA0E   R010RF       0028702560    34990047    + 07600          200    CFPTL K2EAA-FS
SUSAP KABQK2FH08-Z ATNTOE 040GZELLK2EA0EE  R061RF       0028703499    07940045    + 06300                 CFPTL K2EAA FS
SUSAP KABQK2FH08-Z H      020GZELLK2EA1E  F    IF                                  + 06300     18000       RW08  K2PGA FS
SUSAP KABQK2FH08-Z H      020GZELLK2EA2W                                                A031                          FS
SUSAP KABQK2FH08-Z H      030RW08 K2PG0GY M 031TF                                     05368            -300          A FS
SUSAP KABQK2FH08-Z H      040         0  M     CA                     0794        + 05900                          A FS
SUSAP KABQK2FH08-Z H      050ABQ  K2D 0VY  R   DF                                  + 08000                          A FS
SUSAP KABQK2FH08-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 KABQK2GRW08    0137930794 N35023960W106370569+0300    +1598705315100054150IISPT1
```

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KABQK2SRW08 K2PG                0   18018011925                                                                          M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 5355 THRE: 5315	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ALBUQUERQUE, NM	AIRPORT NAME: ALBUQUERQUE INTL SUNPORT	RNAV	RNAV (RNP) Z RWY 8, 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:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (RNP) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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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
	CMSTR	CMSTR	010	IAF	IF		FB				AA 09000	AB 210
	CMSTR	ABQ	020		TF		FB	1.0			AA 08000	
	CMSTR	UNCIR	030		TF		FB	1.0			AA 07000	
	CMSTR	GZELL	040		TF		FB	1.0			AA 06300	
	COMRO	COMRO	010		IF		FB				AA 10000	
	COMRO	FRANI	020		TF		FB	1.0			AA 08100	
	COMRO	COKAR	030		TF		FB	1.0			AA 07400	AB 200
	COMRO	GZELL	040		RF	R	FB	0.6		004.5	AA 06300	
	CRSTN	CRSTN	010		IF		FB				AA 09000	AB 210
	CRSTN	REYON	020		TF		FB	0.3			AA 08200	
	CRSTN	RKART	030		TF		FB	0.3			AA 07000	
	CRSTN	GZELL	040		RF	L	FB	0.3		003.6	AA 06300	
	TNTOE	TNTOE	010		IF		FB				AA 10000	
	TNTOE	ACMIE	020		TF		FB	1.0			AA 09000	AB 200
	TNTOE	COKAR	030		RF	R	FB	1.0		004.7	AA 07600	AB 200
	TNTOE	GZELL	040		RF	R	FB	0.6		004.5	AA 06300	
		GZELL	020	FAF	IF		FB				AA 06300	
		RW08	030	MAP	TF		FO	0.3			AT 05368	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		079.4(090.4T)		AA 05900	
	ABQ	050		DF	R	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
ACMIE	N345656.17	W1064029.56	N3456.936	W10640.493
CFPTL	N345948.39	W1064040.87	N3459.807	W10640.681
CFPTM	N350727.52	W1064036.97	N3507.459	W10640.616
CMSTR	N350614.97	W1065313.01	N3506.250	W10653.217
COKAR	N345951.16	W1064410.45	N3459.853	W10644.174
COMRO	N344535.52	W1064444.58	N3445.592	W10644.743
CRSTN	N350902.90	W1064931.21	N3509.048	W10649.520
FRANI	N345600.18	W1064414.90	N3456.003	W10644.248
GZELL	N350240.87	W1064039.41	N3502.681	W10640.657
REYON	N350640.84	W1064807.92	N3506.681	W10648.132
RKART	N350356.82	W1064433.34	N3503.947	W10644.556
TNTOE	N345715.59	W1063307.75	N3457.260	W10633.129
UNCIR	N350239.52	W1064418.40	N3502.659	W10644.307
RW08	N350239.60	W1063705.69	N3502.660	W10637.095

QUALITY CHECKED

CITY AND STATE	ELEVATION: **5355** THRE: **5315**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ALBUQUERQUE, NM	AIRPORT NAME: **ALBUQUERQUE INTL SUNPORT**	**RNAV**	**RNAV (RNP) Z RWY 8, 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:

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.

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW08	05315	54

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	ACMIE	1. AAO	345542.00N/1063151.00W	5640 (4E)	500	AC98 AT2762	9000
(RNP 1.00)			2. TERRAIN	345730.00N/1063745.00W	5338 (5300)		AS1500	6800
INTERMEDIATE: *STEPDOWN*	ACMIE	COKAR	3. AAO	350103.00N/1064606.00W	5729 (4E)	500	AC98 AT1273	7600
(RNP 1.00)			4. TERRAIN	345951.00N/1064609.00W	5476 (5500)		AS1500	7000
INTERMEDIATE	COMRO	FRANI	5. AAO	345521.00N/1064342.00W	5607 (4E)	500	AC98 AT1895	8100
(RNP 1.00)			6. TERRAIN	345521.00N/1064342.00W	5407 (5400)		AS1500	6900
INTERMEDIATE: *STEPDOWN*	FRANI	COKAR	7. AAO	350018.00N/1064609.00W	5722 (4E)	500	AC98 AT1080	7400
(RNP 1.00)			4. TERRAIN	345951.00N/1064609.00W	5476 (5500)		AS1500	7000
INTERMEDIATE: *STEPDOWN*	COKAR	GZELL	8. OIL RIG	350238.80N/1064234.52W	5730 (2C)	500	AC20	6300
(RNP 0.60) #			9. TERRAIN	350021.00N/1064536.00W	5332 (5300)		AS1000	6300
INITIAL	CMSTR	ABQ VORTAC	10. AAO	350630.00N/1065139.00W	6211 (4E)	1000	AC98 AT691	8000
(RNP 1.00)			11. TERRAIN	350630.00N/1065139.00W	6011 (6000)		AS1500	7500
INTERMEDIATE	ABQ VORTAC	UNCIR	12. AAO	350412.00N/1064927.00W	6024 (4E)	500	AC98 AT378	7000
(RNP 1.00)			13. TERRAIN	350454.00N/1064751.00W	5771 (5800)		AS1000	6800

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: **RW08**

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	TWR (35-000422)	028/ 13.1	10897 (1A)	11900					

CITY AND STATE	ELEVATION: 5355 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
ALBUQUERQUE, NM	ALBUQUERQUE INTL SUNPORT	RNAV	RNAV (RNP) Z RWY 8, ORIG	ASW

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE			3. ALTIMETER SETTING
ABQ TOWER ZAB ARTCC ABQ APP CON		N W S	OTHER: ASOS	SOURCE: KABQ
		F A A		DISTANCE:
		A / C		HOURS REMOTE OPERATION:
SATISFACTORY ON:				
X V H F X U H F H F	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: 5314.7
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT: 53.7

9. FINAL APPROACH COURSE AIMING	X	RUNWAY THRESHOLD	FT. FROM THRESHOLD
	X	ON CENTERLINE	FT. FROM CENTERLIN

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 COKAR TO GZELL - 200 KIAS.

MAX SPEED ACMIE TO COKAR - 200 KIAS.

THRESHOLD DISPLACED 1000.

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 47C (117F)
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

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: 2.95/54.00

@ RNP 0.30 USED TO AVOID PETROGLYPH NATIONAL MONUMENT

RNP 0.60 USED FOR AIRSPACE

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
ACMIE-COKAR	7420	200	2065	42	2.87	20.57
COKAR-GZELL	6300	200	945	31	2.87	18.45
RKART-GZELL	6300	210	945	31	4.77	12.34

QUALITY CHECKED

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: *STEPDOWN*	UNCIR	GZELL	9. OIL RIG	350238.80N/1064234.52W	5730 (2C)	500	AC20	6300
(RNP 1.00)			14. TERRAIN	350439.00N/1064421.00W	5191 (5200)		AS1000	6200
INTERMEDIATE	CRSTN	REYON	15. AAO	350903.00N/1065021.00W	6132 (4E)	500	AC98 AT1470	8200
(RNP 0.30) @			16. TERRAIN	350818.00N/1064948.00W	5922 (5900)		AS1500	7400
INTERMEDIATE: *STEPDOWN*	REYON	RKART	17. AAO	350636.00N/1064848.00W	6024 (4E)	500	AC98 AT378	7000
(RNP 0.30) @			18. TERRAIN	350642.00N/1064809.00W	5821 (5800)		AS1000	6800
INTERMEDIATE: *STEPDOWN*	RKART	GZELL	9. OIL RIG	350238.80N/1064234.52W	5730 (2C)	500	AC20	6300
(RNP 0.30) @			19. TERRAIN	350330.00N/1064503.00W	5260 (5300)		AS1000	6300
FINAL: RNP 0.30	GZELL	RW08				ASC	MA49	5614/299
MISSED APPROACH	*DA*	*RW08*				*ASC*		
(RNP 0.30-1.00)		*40:1*						

3. MISSED APPROACH									
	MAP:	*DA*	*ABQ VORTAC*	*20. TOWER (35-000571)*	*350255.52N/1063622.71W*	*5533 (1A)*	*ASC*	*AC3*	*8000*
				21. AAO	*350427.00N/1065027.00W*	*6076 (4E)*	*1000*	*AC30*	*7200*
	ELEV:	*5453*		*22. TERRAIN*	*350427.00N/1065027.00W*	*5876 (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		FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
ALBUQUERQUE, NM	ELEVATION: 5355 AIRPORT NAME: ALBUQUERQUE INTL SUNPORT	RNAV	RNAV (RNP) Z RWY 8, ORIG	ASW

QUALITY CHECKED 9

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE			3. ALTIMETER SETTING
SATISFACTORY ON:		N W S	OTHER:	SOURCE:
				DISTANCE:
		F A A		HOURS REMOTE OPERATION:
		A / C		
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: ACMIE **STATE:** NM **COUNTRY:** US

LATITUDE/LONGITUDE: 345656.17N/1064029.56W **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 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: CFPTL **STATE:** NM **COUNTRY:** US

LATITUDE/LONGITUDE: 345948.39N/1064040.87W **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 8			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: CFPTM **STATE:** NM **COUNTRY:** US

LATITUDE/LONGITUDE: 350727.52N/1064036.97W **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 8			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: 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

RADIO FIX AND HOLDING DATA RECORD

NAME: COKAR **STATE:** NM **COUNTRY:** US

LATITUDE/LONGITUDE: 345951.16N/1064410.45W **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 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: 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: FRANI **STATE:** NM **COUNTRY:** US

LATITUDE/LONGITUDE: 345600.18N/1064414.90W **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 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:** 03/01/2012 **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: GZELL **STATE:** NM **COUNTRY:** US

LATITUDE/LONGITUDE: 350240.87N/1064039.41W **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 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, ABQ ATCT
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: REYON **STATE:** NM **COUNTRY:** US

LATITUDE/LONGITUDE: 350640.84N/1064807.92W **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 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:** 04/18/2012 **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: RKART **STATE:** NM **COUNTRY:** US

LATITUDE/LONGITUDE: 350356.82N/1064433.34W **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 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: 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: UNCIR **STATE:** NM **COUNTRY:** US

LATITUDE/LONGITUDE: 350239.52N/1064418.40W **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 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:** 03/02/2012 **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

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

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

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

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	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 8** 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 **2.92**
   (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 **090.40**
4. High terrain in **FINAL** segment containing 1000' point **5312**
5. Distance from **THLD** to 1500' point **8.65**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **INTERMEDIATE** segment at 1500' point ***1.20**
7. True Course of **INTERMEDIATE** segment containing 1500' point **132.92**
8. High terrain in **INTERMEDIATE** segment containing 1500' point **5821**
9. Threshold Coordinates (if straight-in) ... **#350239.60N / 1063705.69W**
10. ARP coordinates ..... **350224.70N / 1063633.10W**

10. ARP coordinates ..... **350224.70N / 1063633.10W**

11. Runway approach end and distance furthest from ARP.....RWY **26**
    (Click to Select)
    Distance **1.67** NM
12. FAF Coordinates ..... **350240.87N / 1064039.41W**
    (Click to Select)

REMARKS: Approach/Drawing attached. # DRWT *1500 FT POINT OCCURS IN TF INTERMEDIATE STEPDOWN SEGMENT REYON 350640.84N/1064807.92W TO RKART 350356.82N/1064433.34W. 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 8** 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 **2.92**
   (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 **090.40**
4. High terrain in **FINAL** segment containing 1000' point **5312**
5. Distance from **THLD** to 1500' point **8.36**
   (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 **089.52**
8. High terrain in **INTERMEDIATE** segment containing 1500' point **5771**
9. Threshold Coordinates (if straight-in) ... **#350239.60N / 1063705.69W**
10. ARP coordinates ..... **350224.70N / 1063633.10W**

10. ARP coordinates ..... **350224.70N / 1063633.10W**

11. Runway approach end and distance furthest from ARP.....RWY **26**
    (Click to Select)
    Distance **1.67** NM
12. FAF Coordinates ..... **350240.87N / 1064039.41W**
    (Click to Select)

REMARKS: Approach/Drawing attached. # DRWT *1500 FT POINT OCCURS IN TF INTERMEDIATE SEGMENT ABQ VORTAC 350237.66N/1064858.72W TO UNCIR 350239.52N/1064418.40W. 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 8** 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 **2.92**
   (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 **090.40**
4. High terrain in **FINAL** segment containing 1000' point **5312**
5. Distance from **THLD** to 1500' point **4.50**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **INTERMEDIATE** segment at 1500' point **2.40**
7. True Course of **INTERMEDIATE** segment containing 1500' point *****
8. High terrain in **INTERMEDIATE** segment containing 1500' point **5332**
9. Threshold Coordinates (if straight-in) ... **#350239.60N / 1063705.69W**
10. ARP coordinates ..... **350224.70N / 1063633.10W**

10. ARP coordinates ..... **350224.70N / 1063633.10W**

11. Runway approach end and distance furthest from ARP.....RWY **26**
    (Click to Select)
    Distance **1.67** NM
12. FAF Coordinates ..... **350240.87N / 1064039.41W**
    (Click to Select)

REMARKS: Approach/Drawing attached. # DRWT *1500 FT POINT OCCURS IN RF INTERMEDIATE STEPDOWN SEGMENT COKAR 345951.16N/1064410.45W TO GZELL 350240.87N/1064039.41W. RADIUS FIX TURN CENTER POINT CNF (CFPTL) 345948.39N/1064040.87W, ARC RADIUS 2.87 NM. PAGE 1 OF 3 PAGES.

PFAF
Calculations

Min Intermediate Segment Alt (a):	
LTP MSL Elevation (b):	
TCH:	
Glidepath Angle (Θ):	
Distance from LTP to PFAF (D):	0.00
	0.00 NM
LTP/FTP Latitude:	
LTP/FTP Longitude:	
True RWY Bearing/True Course:	
PFAF Latitude:	000° 00' 00.00"
PFAF Longitude:	000° 00' 00.00"

Latitude/Longitude valid for straight segment only

VEB
OCS Origin & Slope

Intermediate Segment Altitude:	6300
LTP Elevation:	5314.7
Glidepath Angle:	3
TCH:	53.7
RNP Value:	0.30
Δ ISA:	-16.29

Straight In Segment

(*Wingspan =<262*) **LTP to Origin:**	3,911.81'
(*Wingspan =<136*) **LTP to Origin:**	3,707.68'
OCS Slope Ratio:	20.41 : 1

RF Turn Segment | Bank angle:

(*Wingspan =<262*) **LTP to Origin:**	NA
(*Wingspan =<136*) **LTP to Origin:**	NA
OCS Slope Ratio:	NA

Version 2.0

VEB
Temperature Limits

Glidepath Angle:		
Max Glidepath Angle:		
PFAF Elevation:		
LTP Elevation:		
ACT:	-12.00°C	
Min Glidepath Angle	#DIV/0!	
NA Below	#DIV/0!	#DIV/0!
NA Above	#DIV/0!	#DIV/0!

Intermediate Segment
VEB ROC

Glidepath Angle	3.00°
LTP MSL Elevation	5,314.70
TCH (ft)	53.70
OCS Slope	20.41
OCS Origin Distance (ft) *(measured along-track from LTP)*	3,911.82
Obstacle Distance (ft) *(measured along-track from LTP)*	27,342.52
VEB ROC *(at obstacle)*	**343**
Glidepath MSL altitude at Obstacle	6,819.28
OCS MSL altitude at Obstacle	6,475.86

CMSTR

PFAF
Calculations

Min Intermediate Segment Alt (a):	
LTP MSL Elevation (b):	
TCH:	
Glidepath Angle (Θ):	
Distance from LTP to PFAF (D):	0.00
	0.00 NM
LTP/FTP Latitude:	
LTP/FTP Longitude:	
True RWY Bearing/True Course:	
PFAF Latitude:	000° 00' 00.00"
PFAF Longitude:	000° 00' 00.00"

Latitude/Longitude valid for straight segment only

VEB
OCS Origin & Slope

Intermediate Segment Altitude:	6300
LTP Elevation:	5314.7
Glidepath Angle:	3
TCH:	53.7
RNP Value:	0.30
Δ ISA:	-16.29

Straight In Segment

(*Wingspan =<262*) **LTP to Origin:**	3,911.81'
(*Wingspan =<136*) **LTP to Origin:**	3,707.68'
OCS Slope Ratio:	20.41 : 1

RF Turn Segment (Bank angle:	
(*Wingspan =<262*) **LTP to Origin:**	NA
(*Wingspan =<136*) **LTP to Origin:**	NA
OCS Slope Ratio:	NA

Version 2.0

VEB
Temperature Limits

Glidepath Angle:		
Max Glidepath Angle:		
PFAF Elevation:		
LTP Elevation:		
ACT:	-12.00°C	
Min Glidepath Angle	#DIV/0!	
NA Below	#DIV/0!	#DIV/0!
NA Above	#DIV/0!	#DIV/0!

Intermediate Segment
VEB ROC

Glidepath Angle	3.00°
LTP MSL Elevation	5,314.70
TCH (ft)	53.70
OCS Slope	20.41
OCS Origin Distance (ft) *(measured along-track from LTP)*	3,911.82
Obstacle Distance (ft) *(measured along-track from LTP)*	26,568.34
VEB ROC *(at obstacle)*	**341**
Glidepath MSL altitude at Obstacle	6,777.70
OCS MSL altitude at Obstacle	6,437.07

PFAF
Calculations

Min Intermediate Segment Alt (a):	
LTP MSL Elevation (b):	
TCH:	
Glidepath Angle (Θ):	
Distance from LTP to PFAF (D):	0.00
	0.00 NM
LTP/FTP Latitude:	
LTP/FTP Longitude:	
True RWY Bearing/True Course:	
PFAF Latitude:	000° 00' 00.00"
PFAF Longitude:	000° 00' 00.00"

Latitude/Longitude valid for straight segment only

VEB
OCS Origin & Slope

Intermediate Segment Altitude:	6300
LTP Elevation:	5314.7
Glidepath Angle:	3
TCH:	53.7
RNP Value:	0.30
Δ ISA:	-16.29

Straight In Segment

(*Wingspan =<262*) **LTP to Origin:**	3,911.81'
(*Wingspan =<136*) **LTP to Origin:**	3,707.68'
OCS Slope Ratio:	20.41 : 1

RF Turn Segment | Bank angle:	
(*Wingspan =<262*) **LTP to Origin:**	NA
(*Wingspan =<136*) **LTP to Origin:**	NA
OCS Slope Ratio:	NA

Version 2.0

VEB
Temperature Limits

Glidepath Angle:		
Max Glidepath Angle:		
PFAF Elevation:		
LTP Elevation:		
ACT:	-12.00°C	
Min Glidepath Angle	#DIV/0!	
NA Below	#DIV/0!	#DIV/0!
NA Above	#DIV/0!	#DIV/0!

Intermediate Segment
VEB ROC

Glidepath Angle	3.00°
LTP MSL Elevation	5,314.70
TCH (ft)	53.70
OCS Slope	20.41
OCS Origin Distance (ft) *(measured along-track from LTP)*	3,911.82
Obstacle Distance (ft) *(measured along-track from LTP)*	26,332.51
VEB ROC *(at obstacle)*	**340**
Glidepath MSL altitude at Obstacle	6,765.04
OCS MSL altitude at Obstacle	6,425.26