Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: SID	Date Open: 11/21/2011	Task #: 201011082594811304 1	Request #: 20101108259481
Procedure: SID DOOKK (RNAV) ONE ALBUQUERQUE NM KABQ		Airport ID: KABQ	Airport: ALBUQUERQUE INTL SUNPORT		Reimbursable #:
City: ALBUQUERQUE	ST: NM	GPS #:		Estimated Chart Date: 11/15/2012	FICO #:
Fac ID: ABQ	Fac. Type: Proc ID	Specialist: BEV L BOROY			

Procedure Review

	Rec'd	Rel'd	Full Name
Lead:	05/07/2012	08/15/2012	JILL OLSON
QA:	08/15/2012	08/15/2012	STEVEN SZUKALA
Liaison:	08/15/2012		K. Skaggin

DME / DME Comments ESV REQUEST INCLUDED P1

P1: DME/DME: ESV'S; WAIVERS

Procedure Comments: ENROUTE **Remark Type:** INFORMATION Pkg 2 of 5

ALBUQUERQUE, NM ALBUQUERQUE INTL SUNPORT (KABQ) SID DOOKK (RNAV) ONE ENROUTE: YES FC BY: 9/18/12 PUB: 11/15/12
ATTACHED FORMS: ESV(S): ABQ TACR (6); ACH TACR (4); ALS TACR (1); BWS TACR (1); CNM TACR (3); CME TACR (4); CNX TACR (8); DHT TACR (1); FTI TACR (3); HOB TACR (2); ONM TACR (8); TCC TACR (3); TCS TACR (3); TXO TACR (1) 8260-15B; 8260-15C; 8260-2(S): BIYEN, ORIG; CHISUM (CME) VORTAC, REV 17 (INFO ONLY); DADOY, ORIG; DOOKK, ORIG; FATTT, ORIG; JETOK, ORIG; LARLE, ORIG; MOLVE, ORIG; TACO2, ORIG; TEXICO (TXO) VORTAC, REV 9 (INFO ONLY). 8260-1 WAIVERS (2).
CONTACTS: JILL OLSON/STEVE BARNETT - AJV-353 LEADS, 405.954.0414/9568.

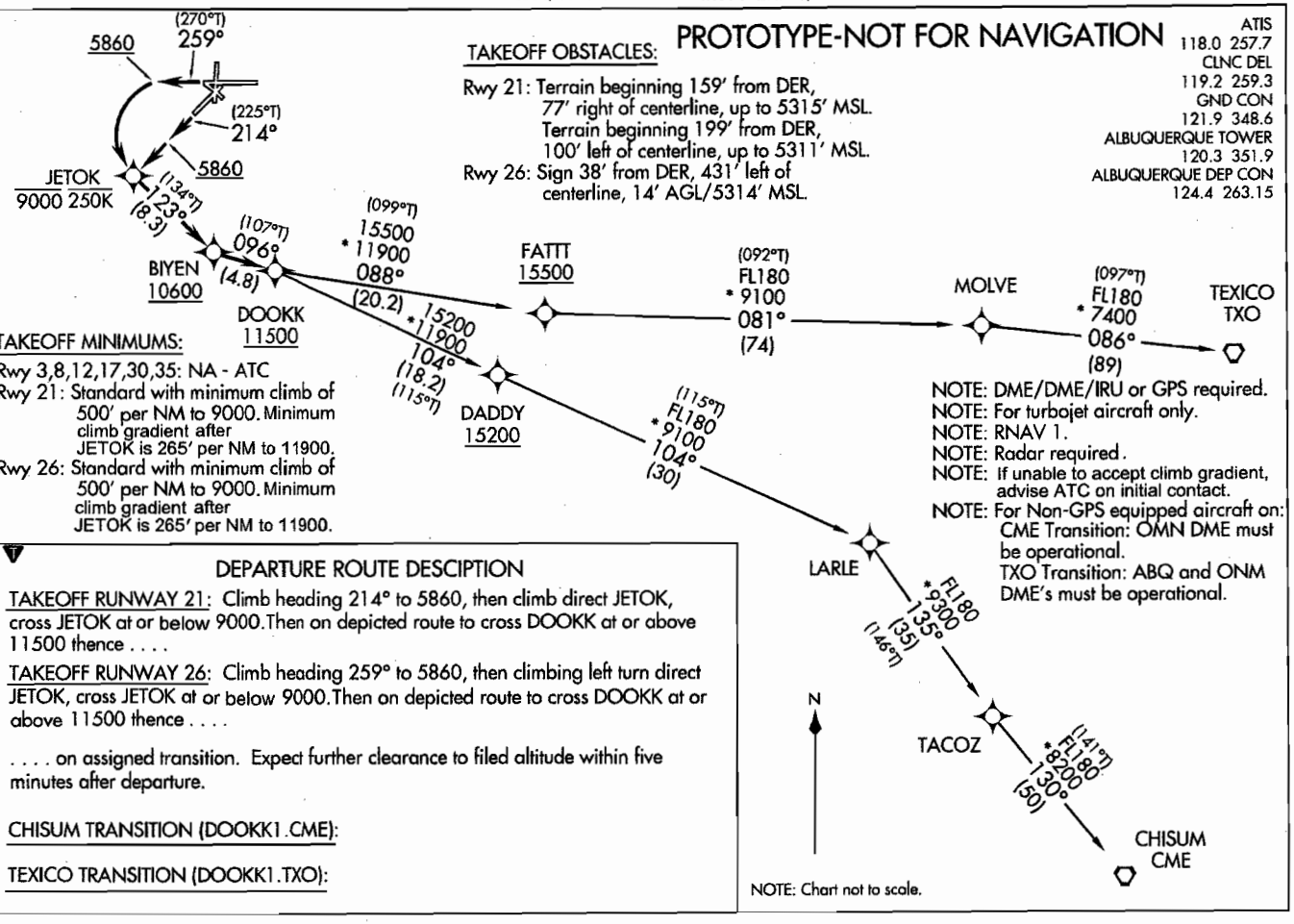
RW21:3502.505/10636.424
RW26: 3502.644/10634.532
BIYEN: 3450.043/10636.945
CME: 3320.249/10437.275
DADDY: 3440.940/10611.360
DOOKK: 3448.664/10631.342
FATTT: 3445.426/10607.089
JETOK: 3455.745/10644.226
LARLE: 3428.080/10538.205
MOLVE: 3442.161/10437.612
TACOZ: 3359.354/10514.695
TXO: 3429.708/10250.380

PROTOTYPE-NOT FOR NAVIGATION

ATIS
118.0 257.7
CLNC DEL
119.2 259.3
GND CON
121.9 348.6
ALBUQUERQUE TOWER
120.3 351.9
ALBUQUERQUE DEP CON
124.4 263.15

TAKEOFF OBSTACLES:

Rwy 21: Terrain beginning 159′ from DER, 77′ right of centerline, up to 5315′ MSL. Terrain beginning 199′ from DER, 100′ left of centerline, up to 5311′ MSL.
Rwy 26: Sign 38′ from DER, 431′ left of centerline, 14′ AGL/5314′ MSL.



TAKEOFF MINIMUMS:

Rwy 3,8,12,17,30,35: NA - ATC
Rwy 21: Standard with minimum climb of 500′ per NM to 9000. Minimum climb gradient after JETOK is 265′ per NM to 11900.
Rwy 26: Standard with minimum climb of 500′ per NM to 9000. Minimum climb gradient after JETOK is 265′ per NM to 11900.

NOTE: DME/DME/IRU or GPS required.
NOTE: For turbojet aircraft only.
NOTE: RNAV 1.
NOTE: Radar required.
NOTE: If unable to accept climb gradient, advise ATC on initial contact.
NOTE: For Non-GPS equipped aircraft on: CME Transition: OMN DME must be operational. TXO Transition: ABQ and ONM DME's must be operational.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCIPTION

TAKEOFF RUNWAY 21: Climb heading 214° to 5860, then climb direct JETOK, cross JETOK at or below 9000. Then on depicted route to cross DOOKK at or above 11500 thence . . . .

TAKEOFF RUNWAY 26: Climb heading 259° to 5860, then climbing left turn direct JETOK, cross JETOK at or below 9000. Then on depicted route to cross DOOKK at or above 11500 thence . . . .

. . . . on assigned transition. Expect further clearance to filed altitude within five minutes after departure.

CHISUM TRANSITION (DOOKK1.CME):

TEXICO TRANSITION (DOOKK1.TXO):

AUTOMATED SL-12 DOOKK DEPARTURE (RNAV)

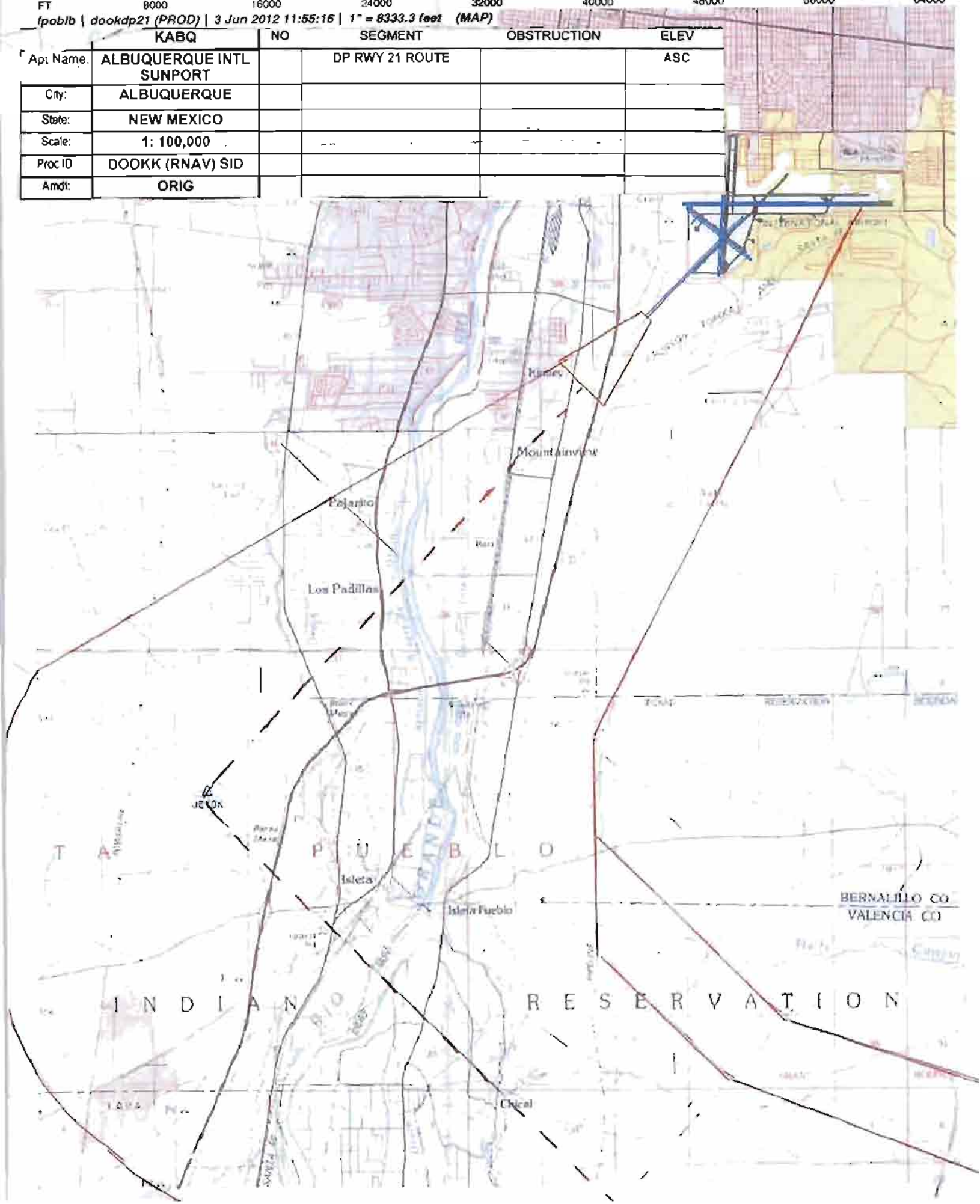
SW-1
07/23/12
COMPILER: GM
REVIEWER:
DBL CHKR:
EFF DATE: FIG
UID#: 32577

NM 1 2 3 4 5 6 7 8 9 10

FT 8000 16000 24000 32000 40000 48000 56000 64000

(poblb | dookdp21 (PROD) | 3 Jun 2012 11:55:16 | 1" = 8333.3 feet (MAP)

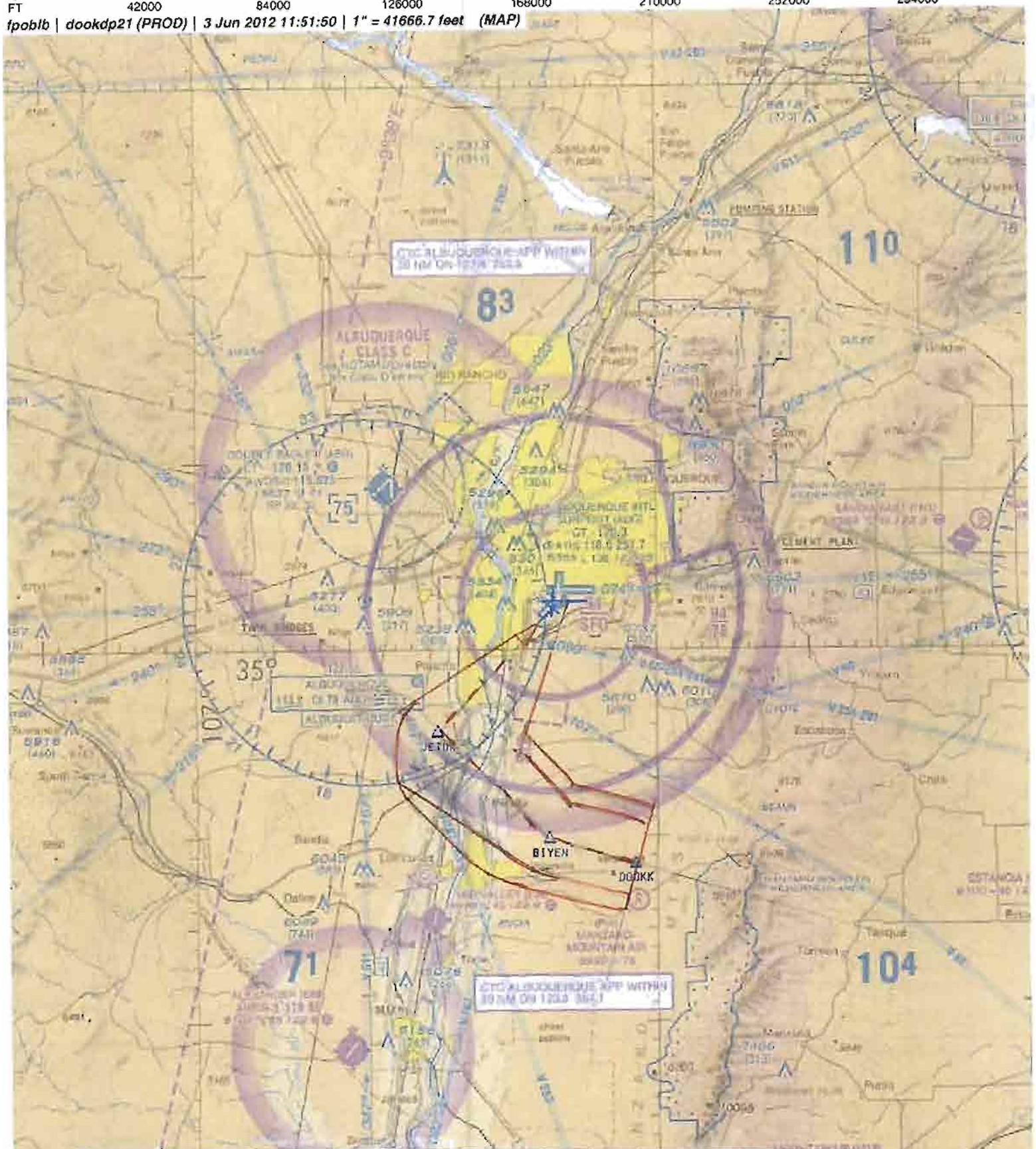
	KABQ	NO	SEGMENT	OBSTRUCTION	ELEV
Apt Name:	ALBUQUERQUE INTL SUNPORT		DP RWY 21 ROUTE		ASC
City:	ALBUQUERQUE				
State:	NEW MEXICO				
Scale:	1: 100,000				
Proc ID	DOOKK (RNAV) SID				
Amdt:	ORIG				



NM 7 14 21 28 35 42 49

FT 42000 84000 126000 168000 210000 252000 294000

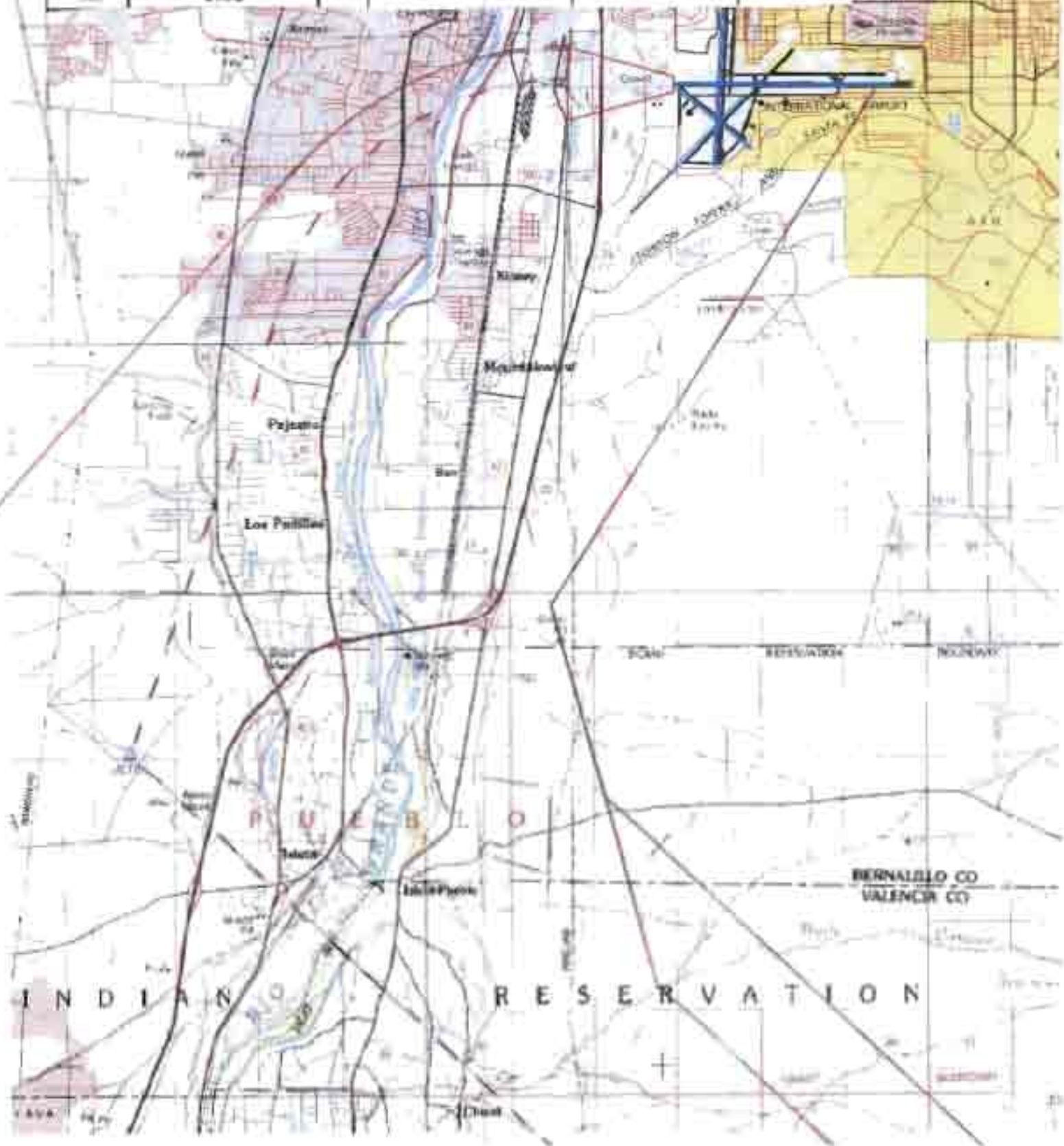
fpoblb | dookdp21 (PROD) | 3 Jun 2012 11:51:50 | 1" = 41666.7 feet (MAP)

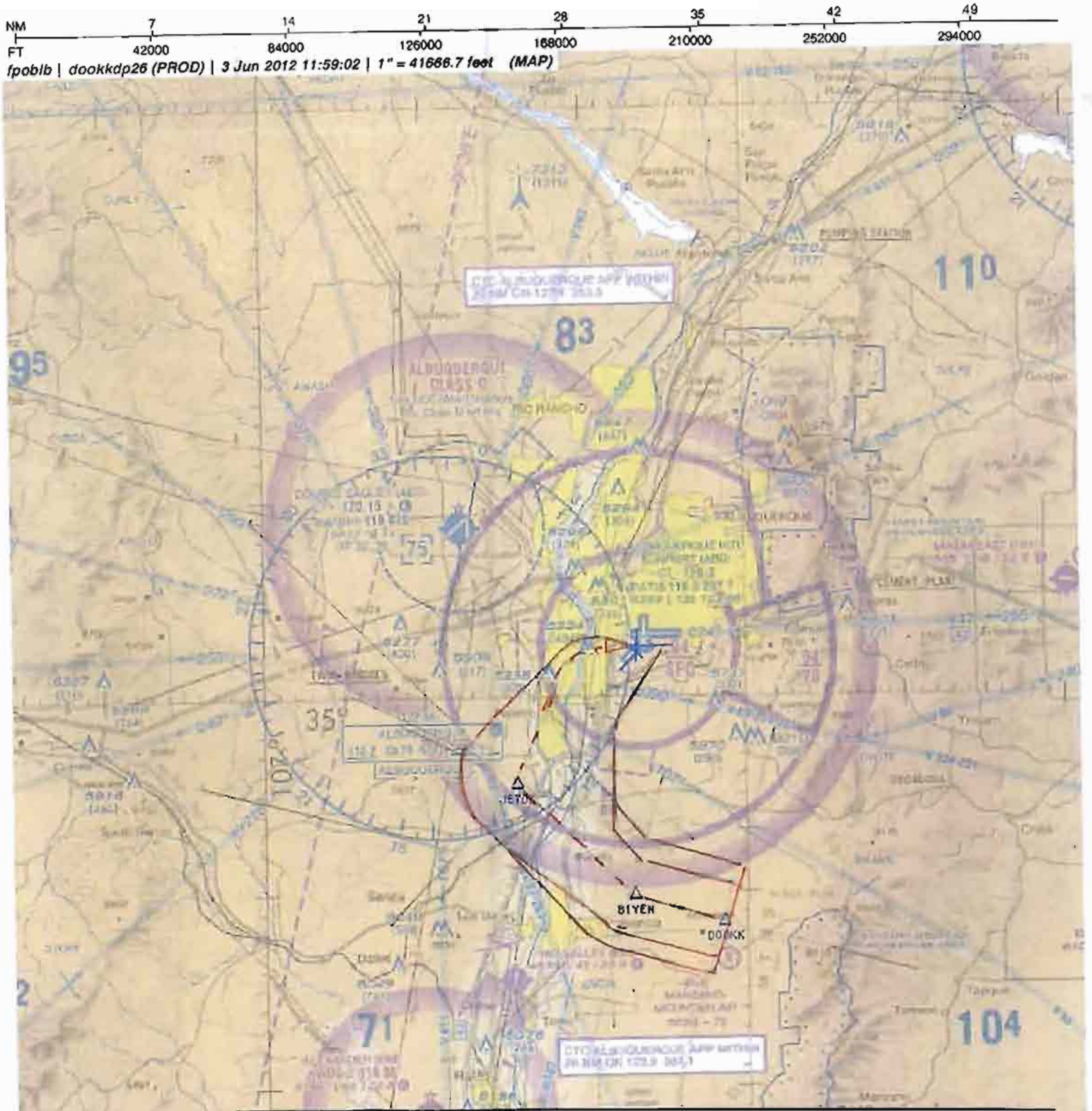


Airport ID:	KABQ	NO	SEGMENT	OBSTRUCTION	ELEV
Apt Name:	ALBUQUERQUE INTL SUNPORT		DP RWY 21 ROUTE		ASC
City:	ALBUQUERQUE				
State:	NEW MEXICO				
Scale:	1: 500,000				
Proc ID:	DOOKK (RNAV) SID				

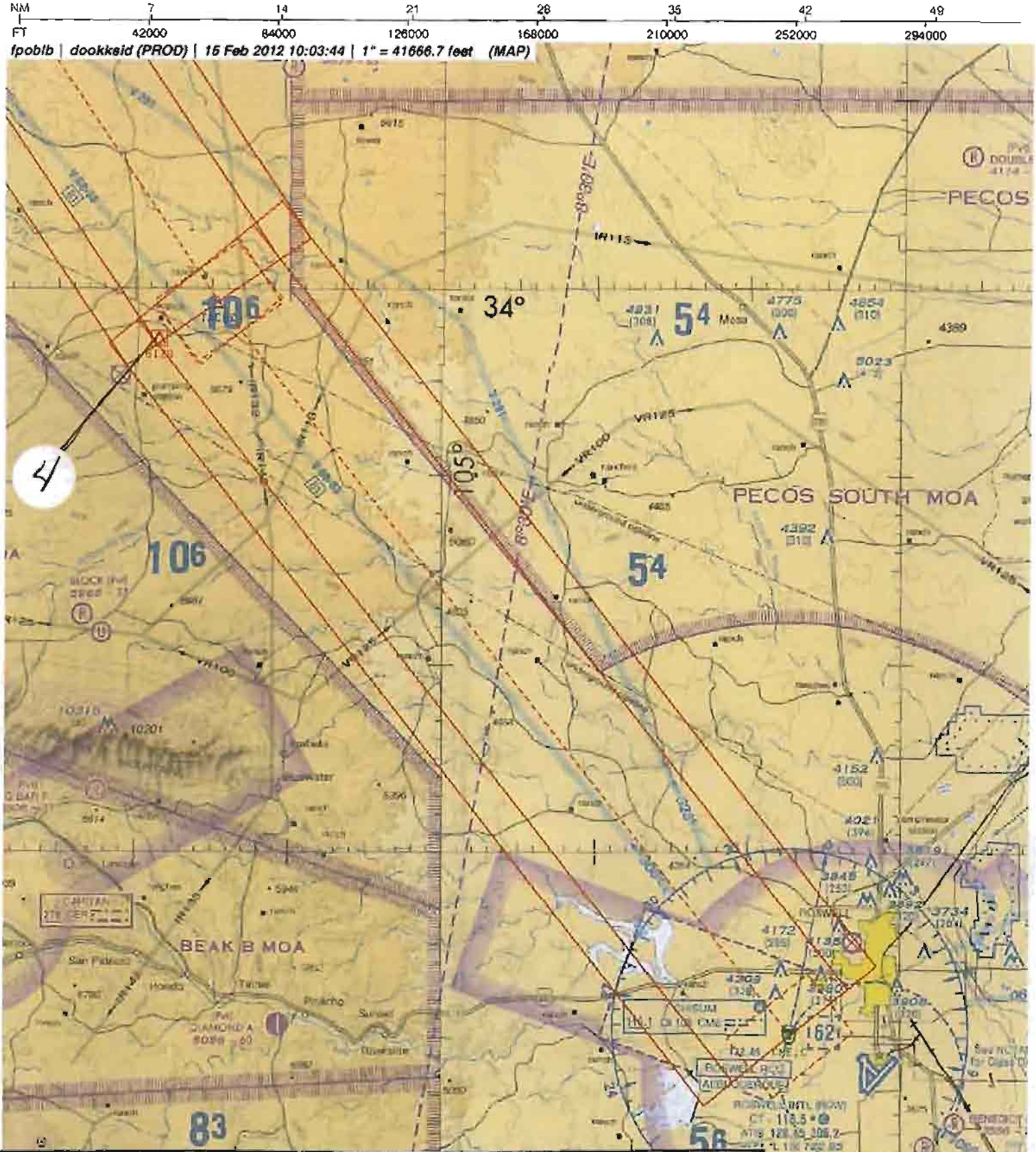
lpobib | dookkdp26 (PRODI | 3 Jun 2012 11:57:36 | 1" = 8333.3 feet (MAP)

Airport ID	KABQ	NO	SEGMENT	OBSTRUCTION	ELEV
Apt Name	ALBUQUERQUE INTL SUNPORT		DP RWY 26 ROUTE		ASC
City	ALBUQUERQUE				
State	NEW MEXICO				
Scale	1: 100,000				
Proc ID	DOOKK (RNAV) SID				
Amdt	ORIG				

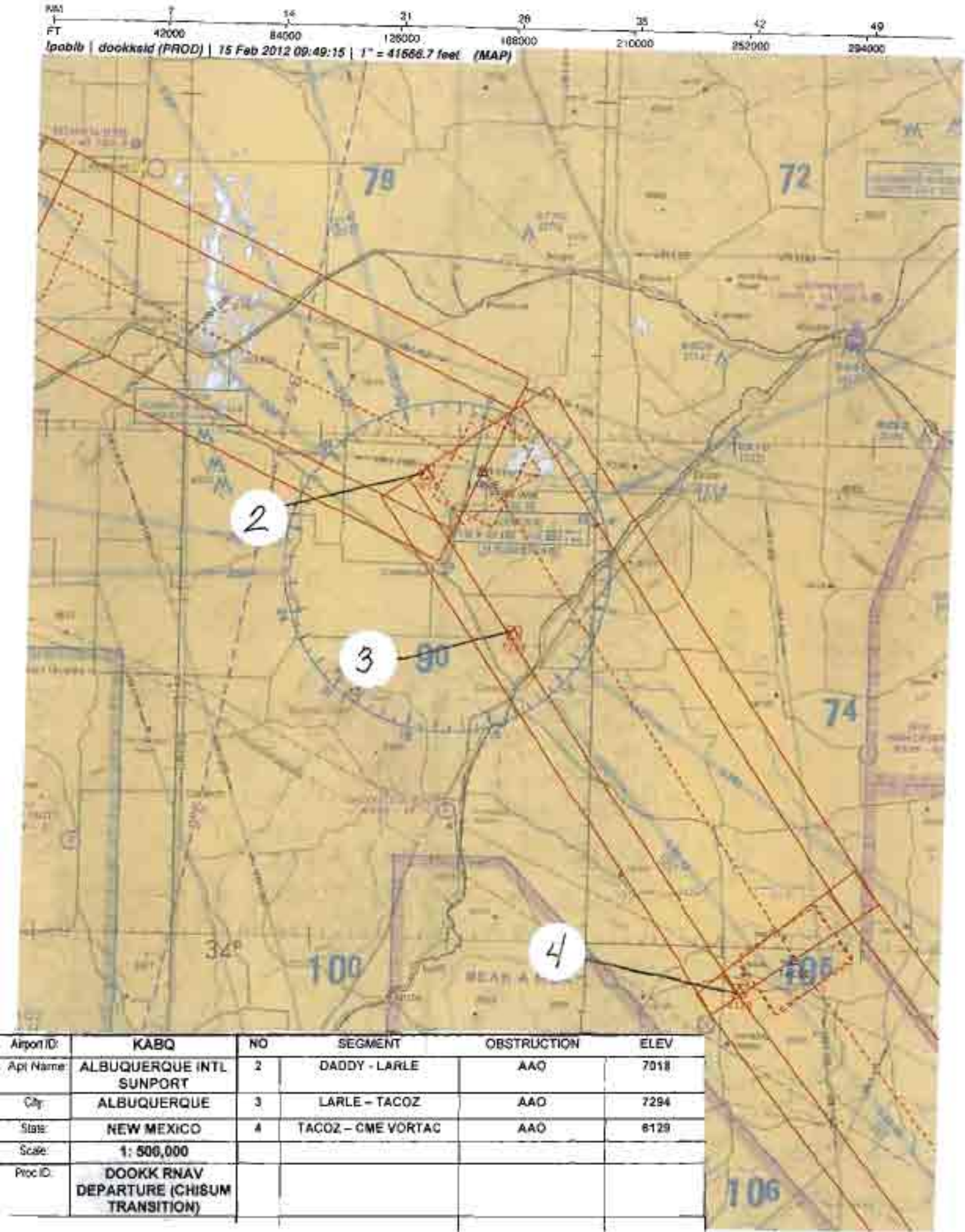




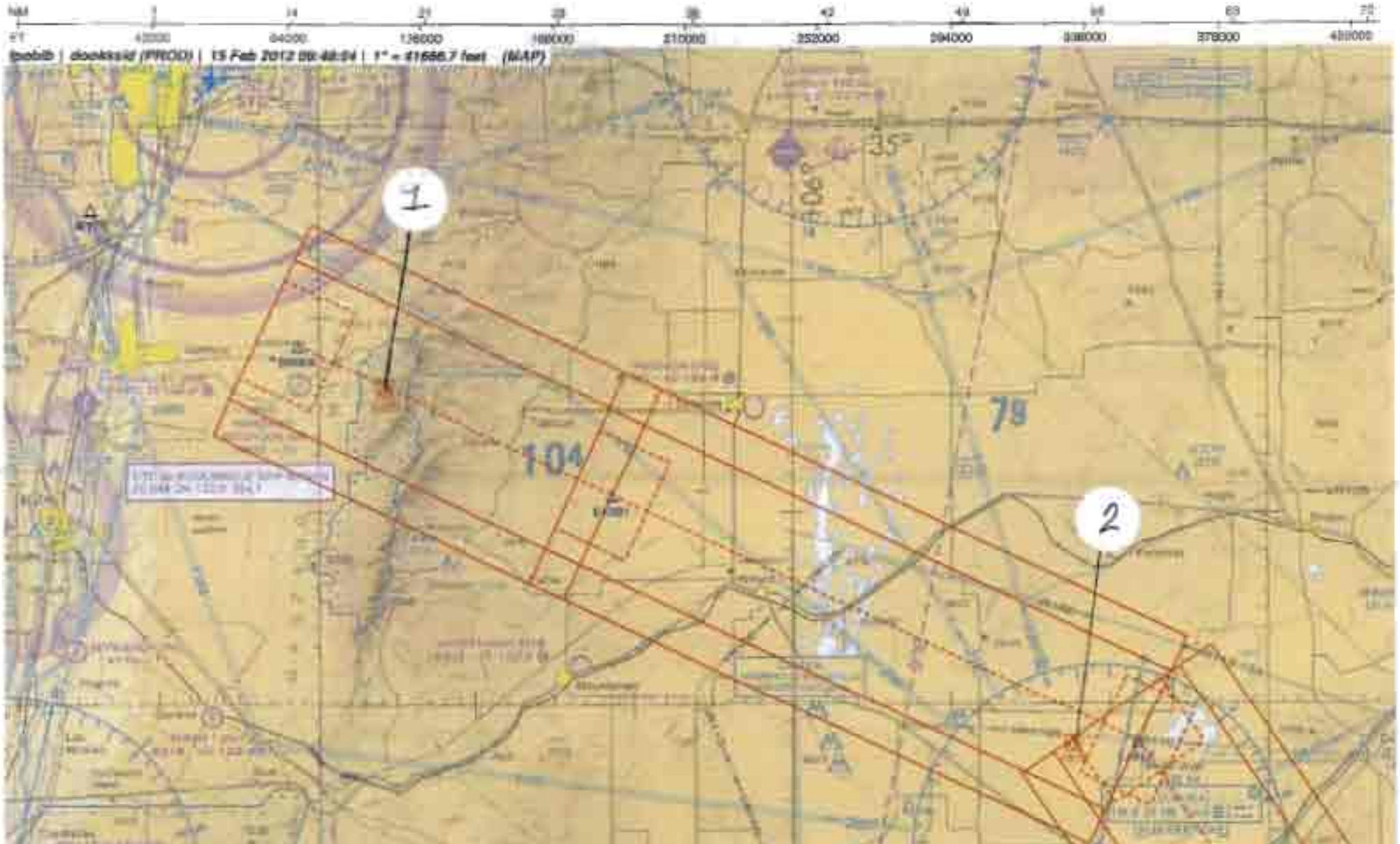
Airport ID:	KABQ	NO	SEGMENT	OBSTRUCTION	ELEV
Apt Name:	ALBUQUERQUE INTL SUNPORT		DP RWY 26 ROUTE		ASC
City:	ALBUQUERQUE				
State	NEW MEXICO				
Scale:	1: 500,000				
Proc ID:	DOOKK (RNAV) SID				
AMDT	ORIG				



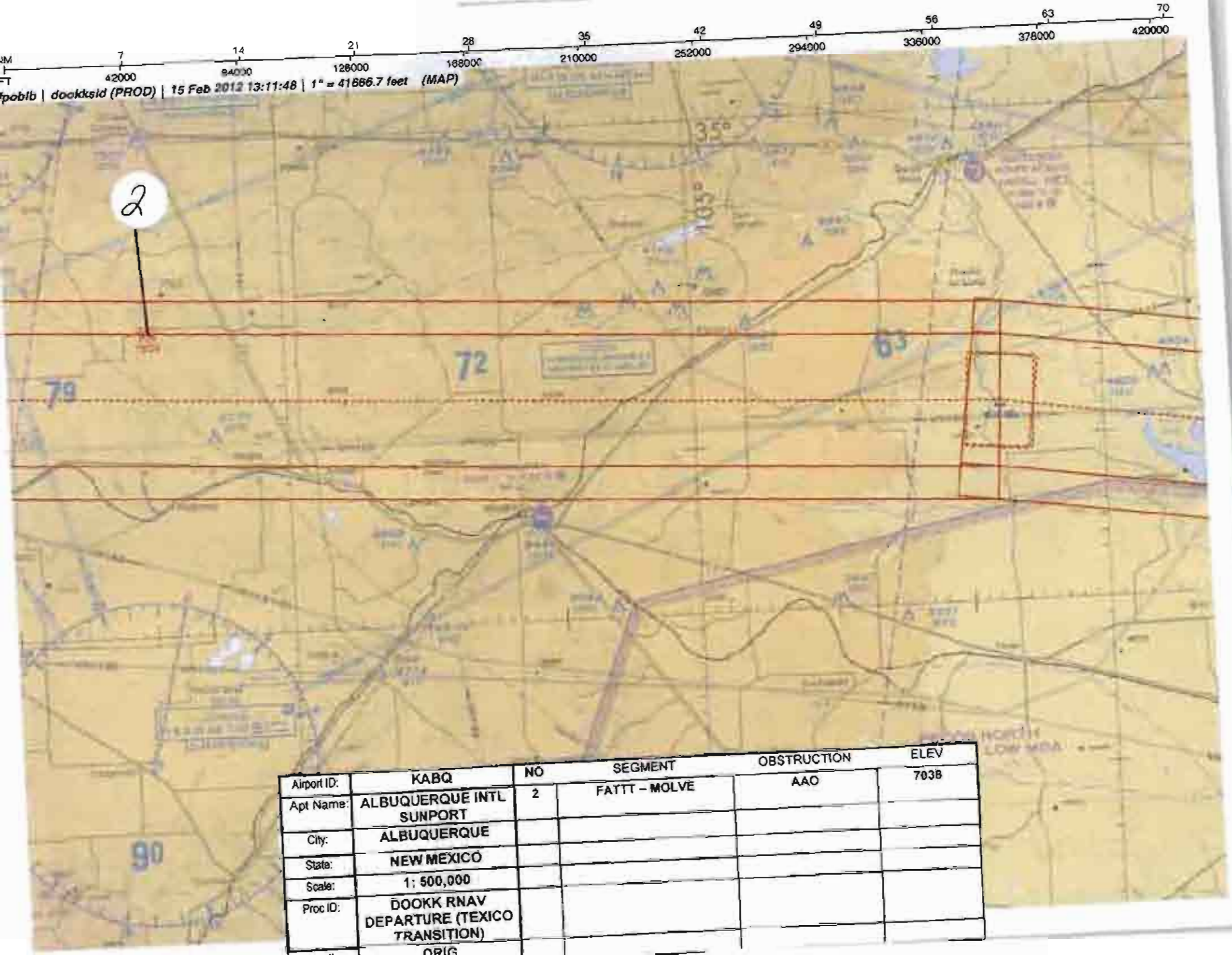
Airport ID:	KABQ	NO	SEGMENT	OBSTRUCTION	ELEV
Apt Name	ALBUQUERQUE INTL SUNPORT	4	TACOZ – CME VORTAC	AAO	6129
City	ALBUQUERQUE				
State:	NEW MEXICO				
Scale:	1: 500,000				
Proc ID:	DOOKK RNAV DEPARTURE (CHISUM TRANSITION)				



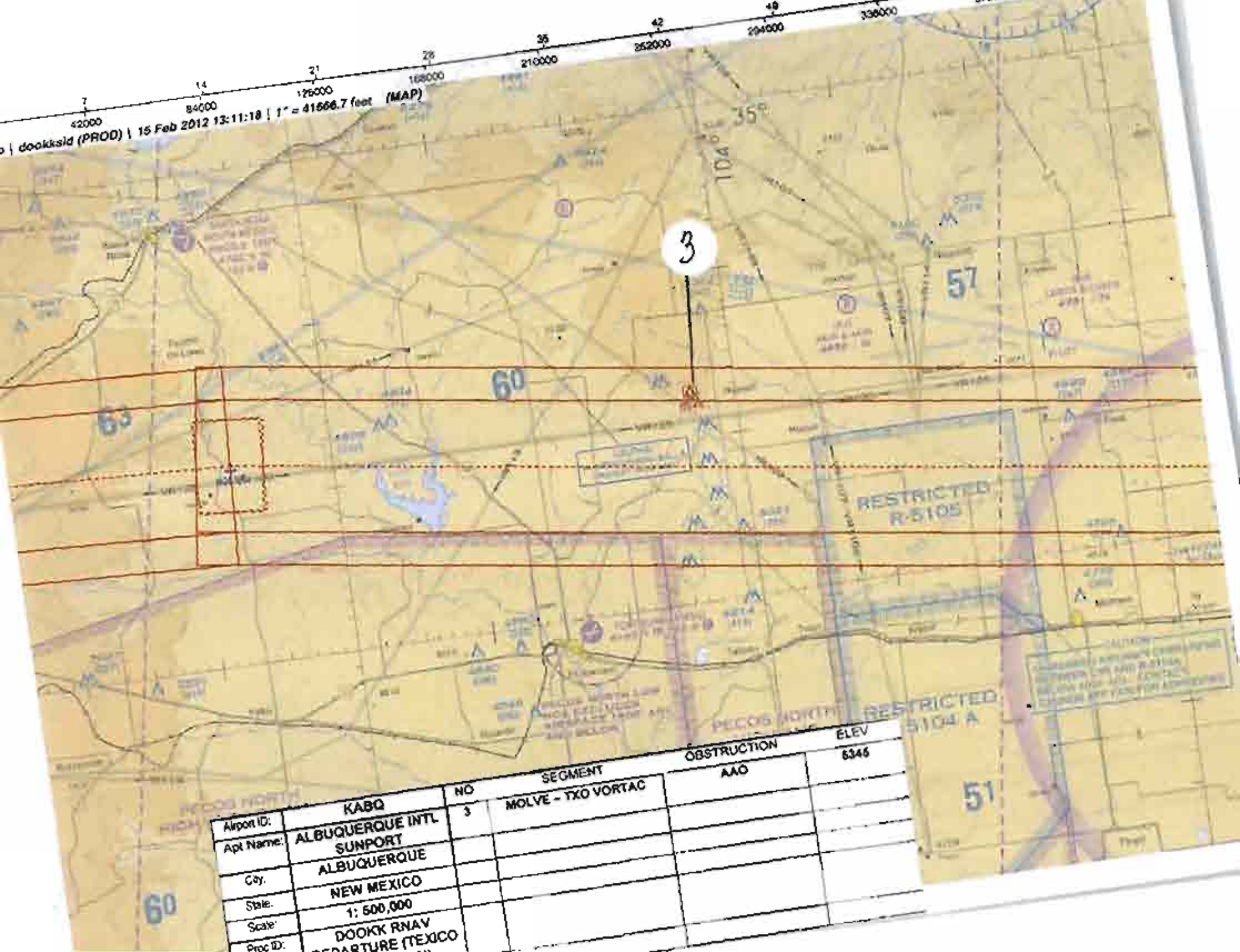
Airport ID:	KABQ	NO	SEGMENT	OBSTRUCTION	ELEV
Apt Name:	ALBUQUERQUE INTL SUNPORT	2	DADDY - LARLE	AAO	7018
City:	ALBUQUERQUE	3	LARLE – TACOZ	AAO	7294
State:	NEW MEXICO	4	TACOZ – CME VORTAC	AAO	6129
Scale:	1: 500,000				
Proc ID:	DOOKK RNAV DEPARTURE (CHISUM TRANSITION)				



Airport ID:	KABQ	NO	SEGMENT	OBSTRUCTION	ELEV
Apt Name:	ALBUQUERQUE INTL SUNPORT	1	DOOKK – DADDY	AAO	9836
City:	ALBUQUERQUE	2	DADDY - LARLE	AAO	7018
State:	NEW MEXICO	3	LARLE – TACOZ	AAO	7294
Scale:	1: 500,000				
Proc ID:	DOOKK RNAV DEPARTURE (CHISUM TRANSITION)				
Amdt:	ORIG				



Airport ID:	KABQ	NO	SEGMENT	OBSTRUCTION	ELEV
Apt Name:	ALBUQUERQUE INTL SUNPORT	2	FATTT – MOLVE	AAO	7038
City:	ALBUQUERQUE				
State:	NEW MEXICO				
Scale:	1: 500,000				
Proc ID:	DOOKK RNAV DEPARTURE (TEXICO TRANSITION)				
	ORIG				

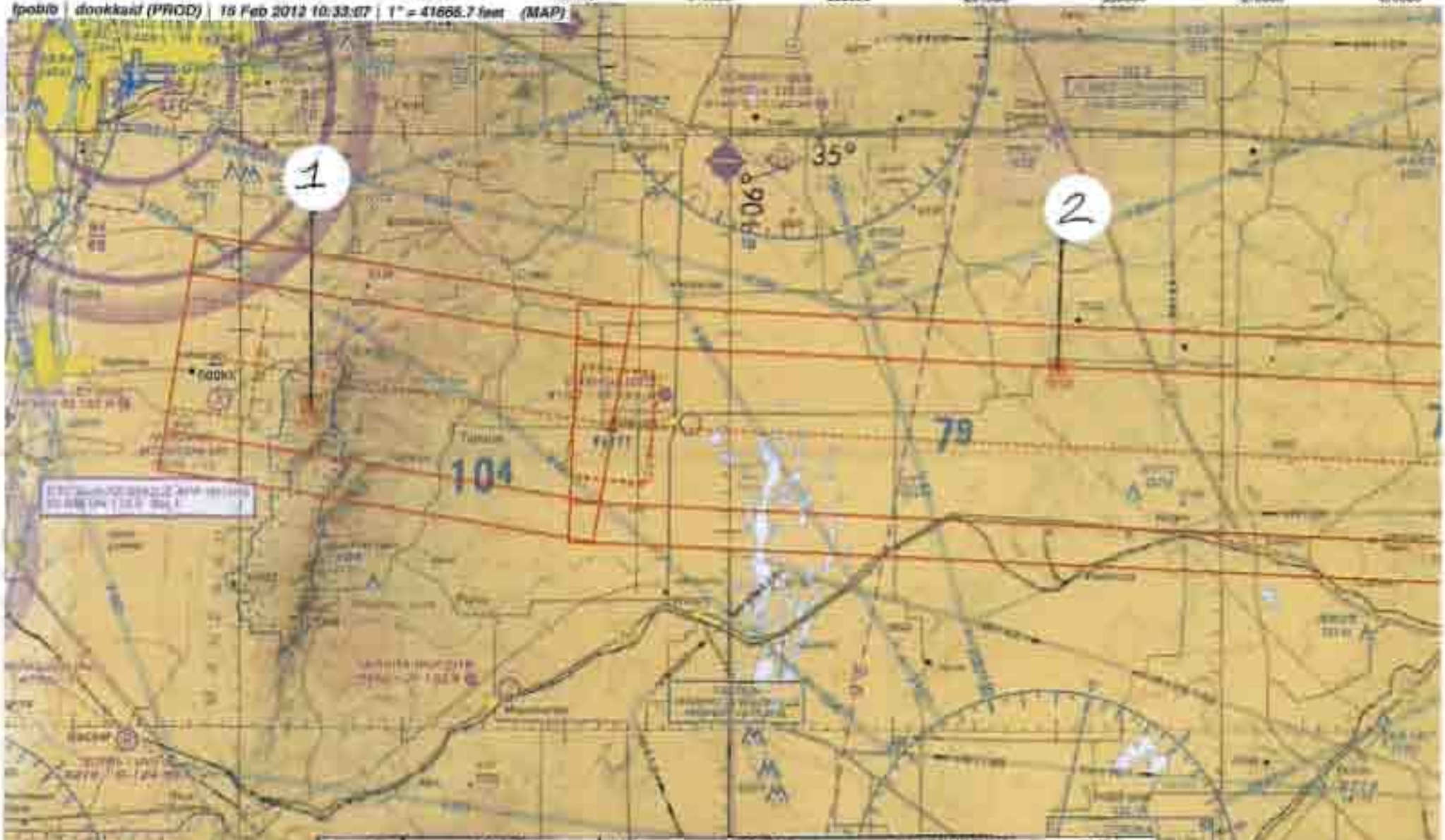


		NO	SEGMENT	OBSTRUCTION	ELEV
Airport ID:	KABQ	3	MOLVE - TXO VORTAC	AAO	5345
Apt Name:	ALBUQUERQUE INTL SUNPORT				
City:	ALBUQUERQUE				
State:	NEW MEXICO				
Scale:	1: 500,000				
Proc ID:	DOOKK RNAV DEPARTURE (TEXICO				

fpobtb | dbokkad (PROD) | 15 Feb 2012 13:17:18 | 1" = 41668.7 feet (MAP)

Airport ID	KABQ	NO	SEGMENT	OBSTRUCTION	ELEV
Apt Name	ALBUQUERQUE INTL SUNPORT	3	MOLVE – TXO VORTAC	AAQ	5345
City	ALBUQUERQUE				
State	NEW MEXICO				
Scale	1: 500,000				
Proc ID	DOOKK RNAV DEPARTURE (TEXICO TRANSITION)				
Amdt	ORIG				

fpobjb | dookkald (PROD) | 15 Feb 2012 10:33:07 | 1" = 41666.7 feet (MAP)



Airport ID	KABQ	NO	SEGMENT	OBSTRUCTION	ELEV
Apt Name	ALBUQUERQUE INTL SUNPORT	1	DOOKK –FATTT	AAO	8536
City	ALBUQUERQUE	2	FATTT – MOLVE	AAO	7038
State	NEW MEXICO				
Scale	1: 500,000				
Proc ID	DOOKK RNAV DEPARTURE (TEXICO TRANSITION)				
Amdt	ORIG				

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : ALBUQUERQUE	City : ALBUQUERQUE	Ident : ABQ	State : NM
Type/Class : TACR	Frequency : M1166	Reference No.: 11086292	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 704131-027	332	32	65	100	250

Requirement: ESTABLISH AN ESV FOR THE RNAV SID JEMEZ OUT OF ABQ.

Signature: Mallett Gary	Routing Symbol: AJV-C2	Date: 08/25/2011

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704131-027	332	32	65	100	250	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID JEMEZ OUT OF ABQ.Approved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: mai kimberly	Routing Symbol:	Date: 08/26/2011

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704131-027	332	32	65	100	250	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID JEMEZ OUT OF ABQ.Approved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 08/29/2011

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704131-027	332	32				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : ALBUQUERQUE	City : ALBUQUERQUE	Ident : ABQ	State : NM
Type/Class : TACR	Frequency : M1166	Reference No.: 11086338	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 704131-030	98	172	35	70	250

Requirement: ESTABLISH AN ESV FOR THE RNAV SID MNZNO OUT OF ABQ

Signature: Mallett Gary	Routing Symbol: AJV-C2	Date: 08/31/2011

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704131-030	98	172	35	70	250	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID MNZNO OUT OF ABQApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: mai kimberly	Routing Symbol:	Date: 09/09/2011

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704131-030	98	172	35	70	250	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID MNZNO OUT OF ABQApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 09/12/2011

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704131-030	98	172				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : ALBUQUERQUE	City : ALBUQUERQUE	Ident : ABQ	State : NM
Type/Class : TACR	Frequency : M1166	Reference No.: 11086167	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 704131-025	27	67	29	100	290

Requirement: ESTABLISH AN ESV FOR THE RNAV SID FYSTA OUT OF ABQ.

Signature: Mallett Gary	Routing Symbol: AJV-C2	Date: 08/17/2011

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704131-025	27	67	29	100	290	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID FYSTA OUT OF ABQ.Approved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: Meza Michael	Routing Symbol:	Date: 08/17/2011

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704131-025	27	67	29	100	290	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID FYSTA OUT OF ABQ.Approved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 08/18/2011

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704131-025	27	67				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : ALBUQUERQUE	City : ALBUQUERQUE	Ident : ABQ	State : NM
Type/Class : TACR	Frequency : M1166	Reference No.: 11086145	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 704131-024	98	164	35	130	250

Requirement: ESTABLISH AN ESV FOR THE RNAV SID DOOKK OUT OF ABQ.

Signature: Mallett Gary	Routing Symbol: AJV-C2	Date: 08/16/2011

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704131-024	98	164	35	130	250	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID DOOKK OUT OF ABQ.Approved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: Meza Michael	Routing Symbol:	Date: 08/17/2011

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704131-024	98	164	35	130	250	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID DOOKK OUT OF ABQ.Approved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 08/18/2011

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704131-024	98	164				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : ABQ	City : ALBUQUERQUE	Ident : ABQ	State : NM
Type/Class : TACR	Frequency : M1166	Reference No.: 12039784	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 704131-034	55	241	117	57	240

Requirement: REQUIRED FOR NEW BOSQE RNAV SID FOR ABQ

Signature: Enander Scott	Routing Symbol: AJV-C21	Date: 03/08/2012

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704131-034	55	241	117	57	240	APPROVE

Requirement/Remarks: REQUIRED FOR NEW BOSQE RNAV SID FOR ABQRESTRICTED. INADEQUATE COVERAGE AT ALT (MIN)/(MAX)=

Signature: mai kimberly	Routing Symbol:	Date: 03/08/2012

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704131-034	55	241	117	160	240	RESTRICT

Requirement/Remarks: REQUIRED FOR NEW BOSQE RNAV SID FOR ABQRESTRICTED. INADEQUATE COVERAGE. MIN ALT FL=160

Signature: Hughes Dennis	Routing Symbol:	Date: 03/08/2012

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704131-034	55	241	117	160	240	RESTRICT

Requirement/Remarks: REQUIRED FOR NEW BOSQE RNAV SID FOR ABQRESTRICTED. INADEQUATE COVERAGE. MIN ALT FL=160

Signature: Hughes Dennis	Routing Symbol:	Date: 03/08/2012

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704131-034	55	241				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : ALBUQUERQUE	City : ALBUQUERQUE	Ident : ABQ	State : NM
Type/Class : TACR	Frequency : M1166	Reference No.: 12039771	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 704131-033	303	15	82	99	220

Requirement: REQUIRED FOR NEW ATOMK RNAV SID FOR ABQ

Signature: Enander Scott	Routing Symbol: AJV-C21	Date: 03/08/2012

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704131-033	303	15	82	99	220	APPROVE

Requirement/Remarks: REQUIRED FOR NEW ATOMK RNAV SID FOR ABQAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.

Signature: mai kimberly	Routing Symbol:	Date: 03/08/2012

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704131-033	303	15	82	99	220	APPROVE

Requirement/Remarks: REQUIRED FOR NEW ATOMK RNAV SID FOR ABQAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.

Signature: Hughes Dennis	Routing Symbol:	Date: 03/08/2012

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704131-033	303	15				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : ANTON CHICO	City : ANTON CHICO	Ident : ACH	State : NM
Type/Class : TACR	Frequency : M1212	Reference No.: 12039773	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 870325-028	269	276	98	151	200

Requirement: REQUIRED FOR NEW ATOMK RNAV SID FOR ABQ

Signature: Enander Scott	Routing Symbol: AJV-C21	Date: 03/08/2012

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 870325-028	269	276	98	151	200	APPROVE

Requirement/Remarks: REQUIRED FOR NEW ATOMK RNAV SID FOR ABQAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.

Signature: mai kimberly	Routing Symbol:	Date: 03/08/2012

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 870325-028	269	276	98	151	200	APPROVE

Requirement/Remarks: REQUIRED FOR NEW ATOMK RNAV SID FOR ABQAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.

Signature: Hughes Dennis	Routing Symbol:	Date: 03/08/2012

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 870325-028	269	276				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : ANTON CHICO	City : ANTON CHICO	Ident : ACH	State : NM
Type/Class : TACR	Frequency : M1212	Reference No.: 11086156	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 870325-017	98	223	115	130	300

Requirement: ESTABLISH AN ESV FOR THE RNAV SID DOOKK OUT OF ABQ.

Signature: Mallett Gary	Routing Symbol: AJV-C2	Date: 08/17/2011

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 870325-017	98	223	115	130	300	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID DOOKK OUT OF ABQ.Approved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: Meza Michael	Routing Symbol:	Date: 08/17/2011

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 870325-017	98	223	115	130	300	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID DOOKK OUT OF ABQ.Approved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 08/18/2011

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 870325-017	98	223				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : ANTON CHICO	City : ANTON CHICO	Ident : ACH	State : NM
Type/Class : TACR	Frequency : M1212	Reference No.: 11086155	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 870325-016	227	258	100	130	250

Requirement: ESTABLISH AN ESV FOR THE RNAV SID DOOKK OUT OF ABQ.

Signature: Mallett Gary	Routing Symbol: AJV-C2	Date: 08/17/2011

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 870325-016	227	258	100	131	250	RESTRICT

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID DOOKK OUT OF ABQ.Approved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: Meza Michael	Routing Symbol:	Date: 08/17/2011

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 870325-016	227	258	100	131	250	RESTRICT

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID DOOKK OUT OF ABQ.Approved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: Meza Michael	Routing Symbol:	Date: 08/17/2011

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 870325-016	227	258	100	131	250	RESTRICT

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID DOOKK OUT OF ABQ.Restricted. Inadequate Coverage at MIN ALT = FL 131

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 08/18/2011

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 870325-016	227	258	100	131	250	RESTRICT

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID DOOKK OUT OF ABQ.Restricted. Inadequate Coverage at MIN ALT = FL 131

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 08/18/2011

Expanded Service Volume Data: (FIFO)						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 870325-016	227	258				
Requirement/Remarks:						
Signature:		Routing Symbol:			Date:	

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : ANTON CHICO	City : ANTON CHICO	Ident : ACH	State : NM
Type/Class : TACR	Frequency : M1212	Reference No.: 11086331	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 870325-021	148	230	130	160	220

Requirement: ESTABLISH AN ESV FOR THE RNAV SID MNZNO OUT OF ABQ

Signature: Mallett Gary	Routing Symbol: AJV-C2	Date: 08/31/2011

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 870325-021	148	230	130	160	220	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID MNZNO OUT OF ABQApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: mai kimberly	Routing Symbol:	Date: 09/14/2011

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 870325-021	148	230	130	160	220	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID MNZNO OUT OF ABQApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 09/14/2011

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 870325-021	148	230				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : ALAMOSA	City : ALAMOSA	Ident : ALS	State : CO
Type/Class : TACR	Frequency : M1173	Reference No.: 11086296	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 704153-006	187	209	60	100	250

Requirement: ESTABLISH AN ESV FOR THE RNAV SID JEMEZ OUT OF ABQ

Signature: Mallett Gary	Routing Symbol: AJV-C2	Date: 08/25/2011

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704153-006	187	209	60	100	250	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID JEMEZ OUT OF ABQApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: Nguyen Khoat	Routing Symbol:	Date: 08/29/2011

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704153-006	187	209	60	100	250	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID JEMEZ OUT OF ABQApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 08/30/2011

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704153-006	187	209				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : BOLES	City : ALAMOGORDO	Ident : BWS	State : NM
Type/Class : DME	Frequency : M994	Reference No.: 12039781	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 840279-011	323	330	108	170	240

Requirement: REQUIRED FOR NEW BOSQE RNAV SID FOR ABQ

Signature: Enander Scott	Routing Symbol: AJV-C21	Date: 03/08/2012

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 840279-011	323	330	108	170	240	APPROVE

Requirement/Remarks: REQUIRED FOR NEW BOSQE RNAV SID FOR ABQAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.

Signature: Meza Michael	Routing Symbol:	Date: 03/15/2012

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 840279-011	323	330	108	170	240	APPROVE

Requirement/Remarks: REQUIRED FOR NEW BOSQE RNAV SID FOR ABQAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.

Signature: Hughes Dennis	Routing Symbol:	Date: 03/15/2012

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 840279-011	323	330				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish

Facility Data

Chart Name : CARLSBAD	City : CARLSBAD	Ident : CNM	State : NM
Type/Class : TACR	Frequency : M1197	Reference No.: 11086149	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 697228-021	316	343	125	130	300

Requirement: ESTABLISH AN ESV FOR THE RNAV SID DOOKK OUT OF ABQ.

Signature: Mallett Gary	Routing Symbol: AJV-C2	Date: 08/16/2011

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 697228-021	316	343	125	130	300	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID DOOKK OUT OF ABQ.Approved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: Meza Michael	Routing Symbol:	Date: 08/17/2011

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 697228-021	316	343	125	130	300	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID DOOKK OUT OF ABQ.Approved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 08/18/2011

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 697228-021	316	343				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : CARLSBAD	City : CARLSBAD	Ident : CNM	State : NM
Type/Class : TACR	Frequency : M1197	Reference No.: 11096357	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 697228-022	314	346	105	100	250

Requirement: ESTABLISH AN ESV FOR THE RNAV SID JETOK OUT OF ABQ

Signature: Mallett Gary	Routing Symbol: AJV-C2	Date: 09/01/2011

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 697228-022	314	346	105	100	250	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID JETOK OUT OF ABQApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: mai kimberly	Routing Symbol:	Date: 09/14/2011

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 697228-022	314	346	105	100	250	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID JETOK OUT OF ABQApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 09/14/2011

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 697228-022	314	346				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : CARLSBAD	City : CARLSBAD	Ident : CNM	State : NM
Type/Class : TACR	Frequency : M1197	Reference No.: 12052842	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 697228-023	323	41	35	75	220

Requirement: REQUIRED FOR NEW ABQ RNAV SIDS

Signature: Enander Scott	Routing Symbol: AJV-C21	Date: 05/21/2012

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 697228-023	323	41	35	75	220	APPROVE

Requirement/Remarks: REQUIRED FOR NEW ABQ RNAV SIDSAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.

Signature: mai kimberly	Routing Symbol:	Date: 05/24/2012

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 697228-023	323	41	35	75	220	APPROVE

Requirement/Remarks: REQUIRED FOR NEW ABQ RNAV SIDSAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.

Signature: Hughes Dennis	Routing Symbol:	Date: 05/25/2012

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 697228-023	323	41				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : CHISUM	City : ROSWELL	Ident : CME	State : NM
Type/Class : TACR	Frequency : M1195	Reference No.: 11086161	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 704229-017	290	42	115	130	300

Requirement: ESTABLISH AN ESV FOR THE RNAV SID DOOKK OUT OF ABQ.

Signature: Mallett Gary	Routing Symbol: AJV-C2	Date: 08/17/2011

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704229-017	290	42	115	130	300	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID DOOKK OUT OF ABQ.Approved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 08/17/2011

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704229-017	290	42	115	130	300	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID DOOKK OUT OF ABQ.Approved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 08/17/2011

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704229-017	290	42				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : CHISUM	City : ROSWELL	Ident : CME	State : NM
Type/Class : TACR	Frequency : M1195	Reference No.: 11086164	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 704229-018	360	43	130	160	220

Requirement: ESTABLISH AN ESV FOR THE RNAV SID DOOKK OUT OF ABQ.

Signature: Mallett Gary	Routing Symbol: AJV-C2	Date: 08/17/2011

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704229-018	360	43	130	160	220	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID DOOKK OUT OF ABQ.Approved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 08/17/2011

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704229-018	360	43	130	160	220	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID DOOKK OUT OF ABQ.Approved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 08/17/2011

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704229-018	360	43				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : CHISUM	City : ROSWELL	Ident : CME	State : NM
Type/Class : TACR	Frequency : M1195	Reference No.: 11086153	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 704229-015	298	320	110	130	300

Requirement: ESTABLISH AN ESV FOR THE RNAV SID DOOKK OUT OF ABQ.

Signature: Mallett Gary	Routing Symbol: AJV-C2	Date: 08/16/2011

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704229-015	298	320	110	130	300	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID DOOKK OUT OF ABQ.Approved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 08/17/2011

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704229-015	298	320	110	130	300	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID DOOKK OUT OF ABQ.Approved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 08/17/2011

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704229-015	298	320				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : CHISUM	City : ROSWELL	Ident : CME	State : NM
Type/Class : TACR	Frequency : M1195	Reference No.: 11086159	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 704229-016	321	42	115	130	300

Requirement: ESTABLISH AN ESV FOR THE RNAV SID DOOKK OUT OF ABQ.

Signature: Mallett Gary	Routing Symbol: AJV-C2	Date: 08/17/2011

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704229-016	321	42	115	130	300	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID DOOKK OUT OF ABQ.Approved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 08/17/2011

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704229-016	321	42	115	130	300	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID DOOKK OUT OF ABQ.Approved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 08/17/2011

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704229-016	321	42				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : CORONA	City : CORONA	Ident : CNX	State : NM
Type/Class : TACR	Frequency : M1189	Reference No.: 12039772	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 850151-034	298	310	96	123	220

Requirement: REQUIRED FOR NEW ATOMK RNAV SID FOR ABQ

Signature: Enander Scott	Routing Symbol:	Date: 03/08/2012

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 850151-034	298	310	96	123	220	APPROVE

Requirement/Remarks: REQUIRED FOR NEW ATOMK RNAV SID FOR ABQAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.

Signature: Meza Michael	Routing Symbol:	Date: 03/13/2012

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 850151-034	298	310	96	123	220	APPROVE

Requirement/Remarks: REQUIRED FOR NEW ATOMK RNAV SID FOR ABQAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.

Signature: Hughes Dennis	Routing Symbol:	Date: 03/13/2012

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 850151-034	298	310				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : CORONA	City : CORONA	Ident : CNX	State : NM
Type/Class : TACR	Frequency : M1189	Reference No.: 12039779	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 850151-035	255	278	72	133	220

Requirement: REQUIRED FOR NEW BOSQE RNAV SID FOR ABQ

Signature: Enander Scott	Routing Symbol: AJV-C21	Date: 03/08/2012

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 850151-035	255	278	72	133	220	APPROVE

Requirement/Remarks: REQUIRED FOR NEW BOSQE RNAV SID FOR ABQAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.

Signature: Meza Michael	Routing Symbol:	Date: 03/13/2012

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 850151-035	255	278	72	133	220	APPROVE

Requirement/Remarks: REQUIRED FOR NEW BOSQE RNAV SID FOR ABQAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.

Signature: Hughes Dennis	Routing Symbol:	Date: 03/13/2012

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 850151-035	255	278				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : CORONA	City : CORONA	Ident : CNX	State : NM
Type/Class : TACR	Frequency : M1189	Reference No.: 11086143	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 850151-023	77	133	65	130	300

Requirement: ESTABLISH AN ESV FOR THE RNAV SID DOOKK OUT OF ABQ.

Signature: Mallett Gary	Routing Symbol: AJV-C2	Date: 08/16/2011

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 850151-023	77	133	65	130	300	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID DOOKK OUT OF ABQ.Approved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: Meza Michael	Routing Symbol:	Date: 08/17/2011

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 850151-023	77	133	65	130	300	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID DOOKK OUT OF ABQ.Approved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 08/18/2011

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 850151-023	77	133				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : CORONA	City : CORONA	Ident : CNX	State : NM
Type/Class : TACR	Frequency : M1189	Reference No.: 11086160	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 850151-024	16	74	115	130	300

Requirement: ESTABLISH AN ESV FOR THE RNAV SID DOOKK OUT OF ABQ.

Signature: Mallett Gary	Routing Symbol: AJV-C2	Date: 08/17/2011

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 850151-024	16	74	115	130	300	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID DOOKK OUT OF ABQ.Approved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: Meza Michael	Routing Symbol:	Date: 08/17/2011

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 850151-024	16	74	115	130	300	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID DOOKK OUT OF ABQ.Approved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 08/18/2011

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 850151-024	16	74				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : CORONA	City : CORONA	Ident : CNX	State : NM
Type/Class : TACR	Frequency : M1189	Reference No.: 11096360	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 850151-029	109	238	75	140	250

Requirement: ESTABLISH AN ESV FOR THE RNAV SID JETOK OUT OF ABQ

Signature: Mallett Gary	Routing Symbol: AJV-C2	Date: 09/01/2011

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 850151-029	109	238	75	140	250	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID JETOK OUT OF ABQApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: mai kimberly	Routing Symbol:	Date: 09/14/2011

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 850151-029	109	238	75	140	250	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID JETOK OUT OF ABQApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 09/14/2011

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 850151-029	109	238				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : CORONA	City : CORONA	Ident : CNX	State : NM
Type/Class : TACR	Frequency : M1189	Reference No.: 11096361	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 850151-030	277	307	65	80	250

Requirement: ESTABLISH AN ESV FOR THE RNAV SID JETOK OUT OF ABQ

Signature: Mallett Gary	Routing Symbol: AJV-C2	Date: 09/01/2011

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 850151-030	277	307	65	80	250	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID JETOK OUT OF ABQApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: mai kimberly	Routing Symbol:	Date: 09/14/2011

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 850151-030	277	307	65	80	250	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID JETOK OUT OF ABQApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 09/14/2011

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 850151-030	277	307				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : CORONA	City : CORONA	Ident : CNX	State : NM
Type/Class : TACR	Frequency : M1189	Reference No.: 11096363	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 850151-031	262	296	70	115	230

Requirement: ESTABLISH AN ESV FOR THE RNAV SID JETOK OUT OF ABQ

Signature: Mallett Gary	Routing Symbol: AJV-C2	Date: 09/01/2011

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 850151-031	262	296	70	115	230	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID JETOK OUT OF ABQApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: mai kimberly	Routing Symbol:	Date: 09/14/2011

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 850151-031	262	296	70	115	230	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID JETOK OUT OF ABQApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 09/14/2011

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 850151-031	262	296				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : CORONA	City : CORONA	Ident : CNX	State : NM
Type/Class : TACR	Frequency : M1189	Reference No.: 11086333	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 850151-026	114	136	91	160	220

Requirement: ESTABLISH AN ESV FOR THE RNAV SID MNZNO OUT OF ABQ

Signature: Mallett Gary	Routing Symbol: AJV-C2	Date: 08/31/2011

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 850151-026	114	136	91	160	220	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID MNZNO OUT OF ABQApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: mai kimberly	Routing Symbol:	Date: 09/14/2011

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 850151-026	114	136	91	160	220	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID MNZNO OUT OF ABQApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 09/14/2011

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 850151-026	114	136				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : CORONA	City : CORONA	Ident : CNX	State : NM
Type/Class : TACR	Frequency : M1189	Reference No.: 11096361	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 850151-030	277	307	65	80	250

Requirement: ESTABLISH AN ESV FOR THE RNAV SID JETOK OUT OF ABQ

Signature: Mallett Gary	Routing Symbol: AJV-C2	Date: 09/01/2011

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 850151-030	277	307	65	80	250	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID JETOK OUT OF ABQApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: mai kimberly	Routing Symbol:	Date: 09/14/2011

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 850151-030	277	307	65	80	250	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID JETOK OUT OF ABQApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 09/14/2011

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 850151-030	277	307				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : DALHART	City : DALHART	Ident : DHT	State : TX
Type/Class : TACR	Frequency : M1018	Reference No.: 12052843	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 698116-017	194	220	104	100	250

Requirement: REQUIRED FOR NEW ABQ RNAV SIDS

Signature: Enander Scott	Routing Symbol: AJV-C21	Date: 05/21/2012

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698116-017	194	220	104	100	250	APPROVE

Requirement/Remarks: REQUIRED FOR NEW ABQ RNAV SIDSAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.

Signature: gazi abdullahil	Routing Symbol:	Date: 05/21/2012

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698116-017	194	220	104	100	250	APPROVE

Requirement/Remarks: REQUIRED FOR NEW ABQ RNAV SIDSAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.

Signature: Hughes Dennis	Routing Symbol:	Date: 05/22/2012

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698116-017	194	220				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : FORT UNION	City : FORT UNION	Ident : FTI	State : NM
Type/Class : TACR	Frequency : M1207	Reference No.: 11086141	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 698227-014	203	231	105	130	250

Requirement: ESTABLISH AN ESV FOR THE RNAV SID DOOKK OUT OF ABQ.

Signature: Mallett Gary	Routing Symbol: AJV-C2	Date: 08/16/2011

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698227-014	203	231	105	130	250	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID DOOKK OUT OF ABQ.Approved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: Meza Michael	Routing Symbol:	Date: 08/17/2011

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698227-014	203	231	105	130	250	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID DOOKK OUT OF ABQ.Approved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 08/18/2011

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698227-014	203	231				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : FORT UNION	City : FORT UNION	Ident : FTI	State : NM
Type/Class : TACR	Frequency : M1207	Reference No.: 11086184	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 698227-016	68	223	45	100	250

Requirement: ESTABLISH AN ESV FOR THE RNAV SID FYSTA OUT OF ABQ.

Signature: Mallett Gary	Routing Symbol: AJV-C2	Date: 08/17/2011

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698227-016	68	223	45	100	250	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID FYSTA OUT OF ABQ.Approved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: Meza Michael	Routing Symbol:	Date: 08/17/2011

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698227-016	68	223	45	100	250	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID FYSTA OUT OF ABQ.Approved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 08/18/2011

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698227-016	68	223				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : FORT UNION	City : FORT UNION	Ident : FTI	State : NM
Type/Class : TACR	Frequency : M1207	Reference No.: 11096370	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 698227-023	128	194	85	160	220

Requirement: ESTABLISH AN ESV FOR THE RNAV SID JETOK OUT OF ABQ

Signature: Mallett Gary	Routing Symbol: AJV-C2	Date: 09/01/2011

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698227-023	128	194	85	160	220	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID JETOK OUT OF ABQApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: mai kimberly	Routing Symbol:	Date: 09/05/2011

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698227-023	128	194	85	160	220	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID JETOK OUT OF ABQApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 09/06/2011

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698227-023	128	194				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : HOBBS	City : HOBBS	Ident : HOB	State : NM
Type/Class : TACR	Frequency : M1008	Reference No.: 11096358	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 694305-020	283	302	105	100	250

Requirement: ESTABLISH AN ESV FOR THE RNAV SID JETOK OUT OF ABQ

Signature: Mallett Gary	Routing Symbol:	Date: 09/01/2011

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 694305-020	283	302	105	100	250	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID JETOK OUT OF ABQApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: mai kimberly	Routing Symbol:	Date: 09/05/2011

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 694305-020	283	302	105	100	250	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID JETOK OUT OF ABQApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 09/06/2011

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 694305-020	283	302				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : HOB	City : HOBBS	Ident : HOB	State : NM
Type/Class : TACR	Frequency : M1008	Reference No.: 11086151	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 694305-019	281	305	125	130	300

Requirement: ESTABLISH AN ESV FOR THE RNAV SID DOOKK OUT OF ABQ.

Signature: Mallett Gary	Routing Symbol: AJV-C2	Date: 08/16/2011

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 694305-019	281	305	125	130	300	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID DOOKK OUT OF ABQ.Approved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: Meza Michael	Routing Symbol:	Date: 08/17/2011

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 694305-019	281	305	125	130	300	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID DOOKK OUT OF ABQ.Approved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 08/17/2011

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 694305-019	281	305				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : SOCORRO	City : SOCORRO	Ident : ONM	State : NM
Type/Class : TACR	Frequency : M1202	Reference No.: 11086336	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 698219-039	351	39	45	65	250

Requirement: ESTABLISH AN ESV FOR THE RNAV SID MNZNO OUT OF ABQ

Signature: Mallett Gary	Routing Symbol: AJV-C2	Date: 08/31/2011

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698219-039	351	39	45	65	250	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID MNZNO OUT OF ABQApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: mai kimberly	Routing Symbol:	Date: 09/05/2011

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698219-039	351	39	45	65	250	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID MNZNO OUT OF ABQApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 09/06/2011

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698219-039	351	39				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : SOCORRO	City : SOCORRO	Ident : ONM	State : NM
Type/Class : TACR	Frequency : M1202	Reference No.: 11096364	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 698219-044	340	7	50	75	220

Requirement: ESTABLISH AN ESV FOR THE RNAV SID JETOK OUT OF ABQ

Signature: Mallett Gary	Routing Symbol: AJV-C2	Date: 09/01/2011

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698219-044	340	7	50	75	220	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID JETOK OUT OF ABQApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 09/07/2011

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698219-044	340	7	50	75	220	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID JETOK OUT OF ABQApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 09/07/2011

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698219-044	340	7				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : ONM	City : SOCORRO	Ident : ONM	State : NM
Type/Class : TACR	Frequency : M1202	Reference No.: 11096405	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 698219-045	320	12	65	120	250

Requirement: ESTABLISH AN ESV FOR THE RNAV SID RDRNR OUT OF ABQ

Signature: Mallett Gary	Routing Symbol: AJV-C2	Date: 09/08/2011

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698219-045	320	12	65	120	250	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID RDRNR OUT OF ABQApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: mai kimberly	Routing Symbol:	Date: 09/14/2011

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698219-045	320	12	65	120	250	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID RDRNR OUT OF ABQApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 09/14/2011

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698219-045	320	12				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : ONM	City : SOCORRO	Ident : ONM	State : NM
Type/Class : TACR	Frequency : M1202	Reference No.: 11086298	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 698219-037	339	1	105	100	250

Requirement: ESTABLISH AN ESV FOR THE RNAV SID JEMEZ OUT OF ABQ

Signature: Mallett Gary	Routing Symbol: AJV-C2	Date: 08/25/2011

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698219-037	339	1	105	100	250	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID JEMEZ OUT OF ABQRestricted. Inadequate Coverage at ALT (min)=FLT150

Signature: mai kimberly	Routing Symbol:	Date: 08/26/2011

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698219-037	339	1	105	100	250	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID JEMEZ OUT OF ABQApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 08/29/2011

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698219-037	339	1				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : SOCORRO	City : SOCORRO	Ident : ONM	State : NM
Type/Class : TACR	Frequency : M1202	Reference No.: 12039817	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 698219-052	342	24	67	70	200

Requirement: REQUIRED FOR NEW JETOK RNAV SID FOR ABQ

Signature: Enander Scott	Routing Symbol: AJV-C21	Date: 03/08/2012

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698219-052	342	24	67	70	200	APPROVE

Requirement/Remarks: REQUIRED FOR NEW JETOK RNAV SID FOR ABQAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.

Signature: Meza Michael	Routing Symbol:	Date: 03/08/2012

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698219-052	342	24	67	70	200	APPROVE

Requirement/Remarks: REQUIRED FOR NEW JETOK RNAV SID FOR ABQAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.

Signature: Hughes Dennis	Routing Symbol:	Date: 03/12/2012

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698219-052	342	24				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : ONM	City : SOCORRO	Ident : ONM	State : NM
Type/Class : TACR	Frequency : M1202	Reference No.: 12039767	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 698219-047	289	358	76	66	200

Requirement: REQUIRED FOR NEW ADYOS RNAV SID FOR ABQ

Signature: Enander Scott	Routing Symbol: AJV-C21	Date: 03/08/2012

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698219-047	289	358	76	74	200	APPROVE

Requirement/Remarks: REQUIRED FOR NEW ADYOS RNAV SID FOR ABQRESTRICTED. INADEQUATE COVERAGE AT MIN ALT = FL074

Signature: Meza Michael	Routing Symbol:	Date: 03/08/2012

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698219-047	289	358	76	74	200	RESTRICT

Requirement/Remarks: REQUIRED FOR NEW ADYOS RNAV SID FOR ABQRESTRICTED. INADEQUATE COVERAGE. MIN ALT = FL074

Signature: Hughes Dennis	Routing Symbol:	Date: 03/12/2012

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698219-047	289	358	76	74	200	RESTRICT

Requirement/Remarks: REQUIRED FOR NEW ADYOS RNAV SID FOR ABQRESTRICTED. INADEQUATE COVERAGE. MIN ALT = FL074

Signature: Hughes Dennis	Routing Symbol:	Date: 03/12/2012

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698219-047	289	358				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : ONM	City : SOCORRO	Ident : ONM	State : NM
Type/Class : TACR	Frequency : M1202	Reference No.: 12039809	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 698219-051	330	11	127	67	240

Requirement: REQUIRED FOR NEW JEMEZ RNAV SID FOR ABQ

Signature: Enander Scott	Routing Symbol: AJV-C21	Date: 03/08/2012

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698219-051	330	11	127	144	240	APPROVE

Requirement/Remarks: REQUIRED FOR NEW JEMEZ RNAV SID FOR ABQRESTRICTED. INADEQUATE COVERAGE AT MIN ALT = 144

Signature: Meza Michael	Routing Symbol:	Date: 03/08/2012

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698219-051	330	11	127	139	240	RESTRICT

Requirement/Remarks: REQUIRED FOR NEW JEMEZ RNAV SID FOR ABQRESTRICTED. INADEQUATE COVERAGE. MIN ALT = 139

Signature: Hughes Dennis	Routing Symbol:	Date: 03/12/2012

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698219-051	330	11	127	139	240	RESTRICT

Requirement/Remarks: REQUIRED FOR NEW JEMEZ RNAV SID FOR ABQRESTRICTED. INADEQUATE COVERAGE. MIN ALT = 139

Signature: Hughes Dennis	Routing Symbol:	Date: 03/12/2012

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698219-051	330	11				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : TCC	City : TUCUMCARI	Ident : TCC	State : NM
Type/Class : TACR	Frequency : M1170	Reference No.: 11086186	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 698148-020	245	292	45	100	250

Requirement: ESTABLISH AN ESV FOR THE RNAV SID FYSTA OUT OF ABQ.

Signature: Mallett Gary	Routing Symbol: AJV-C2	Date: 08/17/2011

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698148-020	245	292	45	100	250	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID FYSTA OUT OF ABQ.Approved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: Meza Michael	Routing Symbol:	Date: 08/18/2011

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698148-020	245	292	45	100	250	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID FYSTA OUT OF ABQ.Approved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 08/18/2011

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698148-020	245	292				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : TCC	City : TUCUMCARI	Ident : TCC	State : NM
Type/Class : TACR	Frequency : M1170	Reference No.: 11086166	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 698148-019	120	221	70	160	220

Requirement: ESTABLISH AN ESV FOR THE RNAV SID DOOKK OUT OF ABQ.

Signature: Mallett Gary	Routing Symbol: AJV-C2	Date: 08/17/2011

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698148-019	120	221	70	160	220	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID DOOKK OUT OF ABQ.Approved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: Meza Michael	Routing Symbol:	Date: 08/17/2011

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698148-019	120	221	70	160	220	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID DOOKK OUT OF ABQ.Approved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 08/18/2011

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698148-019	120	221				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : TCC	City : TUCUMCARI	Ident : TCC	State : NM
Type/Class : TACR	Frequency : M1170	Reference No.: 11086158	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 698148-018	117	242	115	130	300

Requirement: ESTABLISH AN ESV FOR THE RNAV SID DOOKK OUT OF ABQ.

Signature: Mallett Gary	Routing Symbol: AJV-C2	Date: 08/17/2011

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698148-018	117	242	115	130	300	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID DOOKK OUT OF ABQ.Approved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: Meza Michael	Routing Symbol:	Date: 08/17/2011

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698148-018	117	242	115	130	300	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID DOOKK OUT OF ABQ.Approved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 08/18/2011

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698148-018	117	242				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

DME-DME Assembly
Requires 0.0-11.0

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : TRUTH OR CONSEQUENCES	City : TRUTH OR CONSEQUENCES	Ident : TCS	State : NM
Type/Class : TACR	Frequency : M1161	Reference No.: 12039798	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 698133-028	359	11	87	138	200

Requirement: REQUIRED FOR NEW BOSQE RNAV SID FOR ABQ

Signature: Enander Scott	Routing Symbol: AJV-C21	Date: 03/08/2012

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698133-028	359	11	87	138	200	APPROVE

Requirement/Remarks: REQUIRED FOR NEW BOSQE RNAV SID FOR ABQAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.

Signature: Meza Michael	Routing Symbol:	Date: 03/12/2012

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698133-028	359	11	87	138	200	APPROVE

Requirement/Remarks: REQUIRED FOR NEW BOSQE RNAV SID FOR ABQAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.

Signature: Hughes Dennis	Routing Symbol:	Date: 03/13/2012

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698133-028	359	11				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : TRUTH OR CONSEQUENCES	City : TRUTH OR CONSEQUENCES	Ident : TCS	State : NM
Type/Class : TACR	Frequency : M1161	Reference No.: 11086132	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 698133-024	302	321	100	130	250

Requirement: ESTABLISH AN ESV FOR THE RNAV SID BOSQE OUT OF ABQ.

Signature: Mallett Gary	Routing Symbol: AJV-C2	Date: 08/16/2011

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698133-024	302	321	100	130	250	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID BOSQE OUT OF ABQ.Approved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: Meza Michael	Routing Symbol:	Date: 08/17/2011

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698133-024	302	321	100	130	250	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID BOSQE OUT OF ABQ.Approved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 08/17/2011

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698133-024	302	321				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : TRUTH OR CONSEQUENCES	City : TRUTH OR CONSEQUENCES	Ident : TCS	State : NM
Type/Class : TACR	Frequency : M1161	Reference No.: 11086147	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 698133-025	6	81	115	130	300

Requirement: ESTABLISH AN ESV FOR THE RNAV SID DOOKK OUT OF ABQ.

Signature: Mallett Gary	Routing Symbol: AJV-C2	Date: 08/16/2011

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698133-025	6	81	115	130	300	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID DOOKK OUT OF ABQ.Approved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: Meza Michael	Routing Symbol:	Date: 08/17/2011

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698133-025	6	81	115	130	300	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID DOOKK OUT OF ABQ.Approved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 08/17/2011

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698133-025	6	81				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : TEXICO	City : TEXICO	Ident : TXO	State : TX
Type/Class : TACR	Frequency : M1020	Reference No.: 11096367	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 892248-032	254	279	90	160	220

Requirement: ESTABLISH AN ESV FOR THE RNAV SID JETOK OUT OF ABQ

Signature: Mallett Gary	Routing Symbol: AJV-C2	Date: 09/01/2011

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 892248-032	254	279	90	160	220	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID JETOK OUT OF ABQApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: gazi abdullahil	Routing Symbol:	Date: 09/01/2011

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 892248-032	254	279	90	160	220	APPROVE

Requirement/Remarks: ESTABLISH AN ESV FOR THE RNAV SID JETOK OUT OF ABQApproved. Pend. Flight Chk/Inspect @ the req. dist. and MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 09/06/2011

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 892248-032	254	279				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

GRAPHIC DEPARTURE PROCEDURE (DP)

Bearings, headings, courses, tracks, and radials are magnetic. Elevation and altitudes are in feet MSL. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statue miles or feet RVR unless otherwise indicated. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
DOOKK	ONE	DOOKK1.DOOKK	NONE		

TYPE: RNAV SID

DP ROUTE DESCRIPTION:

TAKEOFF RWY 21: CLIMB HEADING 213.80 TO 5860, THEN CLIMB DIRECT JETOK, CROSS JETOK AT OR BELOW 9000, THEN ON DEPICTED ROUTE TO CROSS DOOKK AT OR ABOVE 11500 THENCE...
TAKEOFF RWY 26: CLIMB HEADING 259.45 TO 5860, THEN CLIMBING LEFT TURN DIRECT JETOK, CROSS JETOK AT OR BELOW 9000, THEN ON DEPICTED ROUTE TO CROSS DOOKK AT OR ABOVE 11500 THENCE...

...ON ASSIGNED TRANSITION. MAINTAIN FL200, EXPECT FILED ALTITUDE TEN MINUTES AFTER DEPARTURE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	Crossing Altitudes/Fixes
CHISUM	DOOKK1.CME	DOOKK	DADDY	TRACK 104.00	18.18	15200	11900	AT/ABOVE 15200
		DADDY	LARLE	TRACK 103.97	30.24	FL 180	9100	
		LARLE	TACOZ	TRACK 134.68	34.67	FL 180	9300	
		TACOZ	CME VORTAC	TRACK 130.16	49.99	FL 180	8200	
TEXICO	DOOKK1.TXO	DOOKK	FATTT	TRACK 88.08	20.24	15500	11900	AT/ABOVE 15500
		FATTT	MOLVE	TRACK 81.11	73.82	FL 180	9100	
		MOLVE	TXO VORTAC	TRACK 86.49	89.39	FL 180	7400	

PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

NOTE: DME/DME/IRU OR GPS REQUIRED. NOTE: RNAV 1.

NOTE: RADAR REQUIRED NOTE: FOR TURBOJECT AIRCRAFT ONLY.

NOTE: IF UNABLE TO ACCEPT CLIMB GRADIENT, ADVISE ATC ON INITIAL CONTACT.

NOTE: DO NOT EXCEED 250 KIAS UNTIL PASSING JETOK.

NOTE: FOR NON-GPS EQUIPPED AIRCRAFT ON: CME TRANSITION: ONM DME MUST BE OPERATIONAL.
TXO TRANSITION: ABQ AND ONM DME'S MUST BE OPERATIONAL.

QUALITY CHECKED 4

GRAPHIC DEPARTURE PROCEDURE (DP)

Bearings, headings, courses, tracks, and radials are magnetic. Elevation and altitudes are in feet MSL. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statue miles or feet RVR unless otherwise indicated. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
DOOKK	ONE	DOOKK1.DOOKK	NONE		

TAKEOFF MINIMUMS:

RWY 3,8,12,17,30,35: NA - ATC
RWY 21: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 9000. MINIMUM CLIMB GRADIENT AFTER JETOK IS 265 FT PER NM TO 11900.

RWY 26: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 9000. MINIMUM CLIMB GRADIENT AFTER JETOK IS 265 FT PER NM TO 11900.

TAKEOFF OBSTACLES NOTES:

NOTE: RWY 21: TERRAIN BEGINNING 159 FT FROM DER, 77 FT RIGHT OF CENTERLINE, UP TO 5315 FT MSL. TERRAIN BEGINNING 199 FT FROM DER, 100 FT LEFT OF CENTERLINE, UP TO 5311 FT MSL.
NOTE: RWY 26: SIGN 38 FT FROM DER, 431 FT LEFT OF CENTERLINE, 14 FT AGL/5314 FT MSL.

CONTROLLING OBSTACLES:

RWY 21, 26: 10897 FT MSL AAO 351249.89N-1062703.38W

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

REFERENCE MAG VAR: KABQ 11E EPOCH YR:1995
DME/DME ASSESSMENT: SAT (RNP 1.0)

AIRPORTS SERVED:

ALBUQUERQUE INTL SUNPORT, NM

COMMUNICATIONS:

ATIS, CLNC DEL, ABQ GND CON, ABQ ATCT, ABQ DEP CON

FIXES AND/OR NAVAIDS:

REMARKS:

WAIVERS: AT OR BELOW 9000 AT JETOK; CONSECUTIVE MANDATORY CLIMB GRADIENTS

U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

GRAPHIC DEPARTURE PROCEDURE (DP)

Bearings, headings, courses, tracks, and radials are magnetic. Elevation and altitudes are in feet MSL. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statue miles or feet RVR unless otherwise indicated. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
DOOKK	ONE	DOOKK1.DOOKK	NONE		

FLIGHT INSPECTED BY:

ZACK SMYER 09/26/2012

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

BEVERLY BORDY AJV-353 01/23/2012

APPROVED BY:

LARRY STROUT AJV-353

COORDINATED WITH:

ATA, ALPA, APA, AOPA, NBAA, ZAB, ABQ APP CON, ABQ ATCT, AMGR.

CHANGES:

ORIGINAL

REASONS:

08/31/2012: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 01/23/2012.
1. CHANGED DP ROUTE DESCRIPTION FROM "ON ASSIGNED TRANSITION. EXPECT FURTHER CLEARANCE TO FILED ALTITUDE WITHIN FIVE MINUTES AFTER DEPARTURE." TO "ON ASSIGNED TRANSITION. MAINTAIN FL200, EXPECT FILED ALTITUDE TEN MINUTES AFTER DEPARTURE."

FPT REQUESTED.

09/18/2012. THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 01/23/2012.
1. MOVED NOTE "MINIMUM OBSTACLE CLIMB GRADIENT AFTER JETOK IS 265 FT PER NM TO 11900" FROM PROCEDURAL DATA NOTES TO TAKEOFF MINIMUMS.

09/10/2012. THIS IS A CORRECTED COPY OF THE FORM DEVELOPED ON 1/23/2013.
1. CHANGED TAKEOFF MINIMUMS FROM "MINIMUM OBSTACLE CLIMB GRADIENT AFTER JETOK IS 265 FT PER NM TO 11900" TO "MINIMUM CLIMB GRADIENT AFTER JETOK IS 265 FT PER NM TO 11900" PER PRB REQUEST.

12/05/2012: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 10/11/2012.
1. ADDED "ABQ DEP CON" TO COMMUNICATIONS.

QUALITY CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
DOOKK	ONE	DOOKK1.DOOKK	NONE		

FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW21 (AER)	350230.27N/1063625.46W	N	-	-	-	-			CG 500 FT/NM TO 9000
5860 MSL	-	-	-	VA	224.80	-			
JETOK	345544.71N/1064413.56W	-	FB	DF	-	-	AT/BELOW 9000	AT/BELOW 250K	
BIYEN	345002.55N/1063656.72W	Y	FB	TF	133.51	8.26	AT/ABOVE 10600		CG 265 FT/NM TO 11900 AFTER JETOK
DOOKK	344839.84N/1063120.50W	Y	FB	TF	106.58	4.81	AT/ABOVE 11500		
RW26 (AER)	350238.63N/1063431.89W	N	-	-	-	-			CG 500 FT/NM TO 9000
5860 MSL	-	-	-	VA	270.45	-			
JETOK	345544.71N/1064413.56W	-	FB	DF	-	-	AT/BELOW 9000	AT/BELOW 250K	LEFT TURN,
BIYEN	345002.55N/1063656.72W	Y	FB	TF	133.51	8.26	AT/ABOVE 10600		CG 265 FT/NM TO 11900 AFTER JETOK
DOOKK	344839.84N/1063120.50W	Y	FB	TF	106.58	4.81	AT/ABOVE 11500		
DOOKK	344839.84N/1063120.50W	Y	-	IF	-	-			DOOKK1.CME
DADDY	344056.40N/1061121.62W	Y	FB	TF	115.00	18.18	AT/ABOVE 15200		
LARLE	342804.77N/1053812.27W	Y	FB	TF	114.97	30.24			
TACOZ	335921.25N/1051441.68W	Y	FB	TF	145.68	34.67			
CME	332014.92N/1043716.48W	Y	FB	TF	141.16	49.99			
DOOKK	344839.84N/1063120.50W	Y	-	IF	-	-			DOOKK1.TXO
FATTT	344525.58N/1060705.31W	Y	FB	TF	099.08	20.24	AT/ABOVE 15500		
MOLVE	344209.66N/1043736.74W	Y	FB	TF	092.11	73.82			
TXO	342942.46N/1025022.79W	Y	FB	TF	097.49	89.39			

QUALITY 1 CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
DOOKK	ONE	DOOKK1.DOOKK	NONE		

FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS

QUALITY CHECKED 1

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
DOOKK RNAV	ONE	DOOKK1.DOOKK	NONE		

ARINC PACKET - 424-18 - SID

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        CME   K2011610VTHA N33201492W104371648    N33201492W104371648E0120037722     NARCHISUM
        SUSAD        TXO   K4011220VTHW N34294246W102502279    N34294246W102502279E0110040602     NARTEXICO

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BIYEN K20    W     N34500255W106365672                      E0091     NAR           BIYEN
        SUSAEAENRT   DADDY K20    W     N34405640W106112162                      E0089     NAR           DADDY
        SUSAEAENRT   DOOKK K20    W     N34483984W106312050                      E0090     NAR           DOOKK
        SUSAEAENRT   FATTT K20    W     N34452558W106070531                      E0088     NAR           FATTT
        SUSAEAENRT   JETOK K20    W     N34554471W106441356                      E0091     NAR           JETOK
        SUSAEAENRT   LARLE K20    W     N34280477W105381227                      E0086     NAR           LARLE
        SUSAEAENRT   MOLVE K20    W     N34420966W104373674                      E0081     NAR           MOLVE
        SUSAEAENRT   TACOZ K20    W     N33592125W105144168                      E0084     NAR           TACOZ

                 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 KABQK2DDOOKK14RW21  010         0        VA                    2138        + 05860     18000
        SUSAP KABQK2DDOOKK14RW21  020JETOKK2EA0E    010DF                               - 09000          250               -
        SUSAP KABQK2DDOOKK14RW21  030BIYENK2EA0E   L010TFY                  12250083    + 10600
        SUSAP KABQK2DDOOKK14RW21  040DOOKKK2EA0EE   010TF                    09560048    + 11500
        SUSAP KABQK2DDOOKK14RW26  010         0        VA                    2595        + 05860     18000
        SUSAP KABQK2DDOOKK14RW26  020JETOKK2EA0E    010DF                               - 09000          250               -
        SUSAP KABQK2DDOOKK14RW26  030BIYENK2EA0E    010TF                    12250083    + 10600
        SUSAP KABQK2DDOOKK14RW26  040DOOKKK2EA0EE   010TF                    09560048    + 11500
        SUSAP KABQK2DDOOKK16CME   010DOOKKK2EA0E       IF                                            18000
        SUSAP KABQK2DDOOKK16CME   020DADDYK2EA0E    010TF                    10400182    + 15200
        SUSAP KABQK2DDOOKK16CME   030LARLEK2EA0E    010TF                    10400302
        SUSAP KABQK2DDOOKK16CME   040TACOZK2EA0E    010TF                    13470347
        SUSAP KABQK2DDOOKK16CME   050CME  K2D 0VE   010TF                    13020500
        SUSAP KABQK2DDOOKK16TXO   010DOOKKK2EA0E       IF                                            18000
        SUSAP KABQK2DDOOKK16TXO   020FATTTK2EA0E    010TF                    08810202    + 15500
        SUSAP KABQK2DDOOKK16TXO   030MOLVEK2EA0E    010TF                    08110738
        SUSAP KABQK2DDOOKK16TXO   040TXO  K4D 0VE   010TF                    08650894
```

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
DOOKK RNAV	ONE	DOOKK1.DOOKK	NONE		

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KABQK2GRW21    0100002138 N35023027W106362546-0100    +1599205316000055150R
        SUSAP KABQK2GRW26    0137932595 N35023863W106343189-0300    +1611205355000050150R
```

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
DOOKK RNAV	**ONE**	**DOOKK1.DOOKK**	**NONE**		

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	RW21		010		VA		FB		213.8()		AA 05860	
	RW21	JETOK	020		DF		FB	1.0			AB 09000	AB 250
	RW21	BIYEN	030		TF	L	FB	1.0	122.5()	008.3	AA 10600	
	RW21	DOOKK	040		TF		FB	1.0	095.6()	004.8	AA 11500	
	RW26		010		VA		FB		259.5()		AA 05860	
	RW26	JETOK	020		DF		FB	1.0			AB 09000	AB 250
	RW26	BIYEN	030		TF		FB	1.0	122.5()	008.3	AA 10600	
	RW26	DOOKK	040		TF		FB	1.0	095.6()	004.8	AA 11500	
	CME	DOOKK	010		IF		FB					
	CME	DADDY	020		TF		FB	1.0	104.0()	018.2	AA 15200	
	CME	LARLE	030		TF		FB	1.0	104.0()	030.2		
	CME	TACOZ	040		TF		FB	1.0	134.7()	034.7		
	CME	CME	050		TF		FB	1.0	130.2()	050.0		
	TXO	DOOKK	010		IF		FB					
	TXO	FATTT	020		TF		FB	1.0	088.1()	020.2	AA 15500	
	TXO	MOLVE	030		TF		FB	1.0	081.1()	073.8		
	TXO	TXO	040		TF		FB	1.0	086.5()	089.4		

POINT DATA

WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
CME	N332014.92	W1043716.48	N3320.249	W10437.275
TXO	N342942.46	W1025022.79	N3429.708	W10250.380
BIYEN	N345002.55	W1063656.72	N3450.043	W10636.945
DADDY	N344056.40	W1061121.62	N3440.940	W10611.360
DOOKK	N344839.84	W1063120.50	N3448.664	W10631.342
FATTT	N344525.58	W1060705.31	N3445.426	W10607.089
JETOK	N345544.71	W1064413.56	N3455.745	W10644.226
LARLE	N342804.77	W1053812.27	N3428.080	W10538.205
MOLVE	N344209.66	W1043736.74	N3442.161	W10437.612
TACOZ	N335921.25	W1051441.68	N3359.354	W10514.695
RW21	N350230.27	W1063625.46	N3502.505	W10636.424
RW26	N350238.63	W1063431.89	N3502.644	W10634.532

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW21	05316	55
RW26	05355	50

RADIO FIX AND HOLDING DATA RECORD

NAME: BIYEN **STATE:** NM **COUNTRY:** US

LATITUDE/LONGITUDE: 345002.55N/1063656.72W **TYPE:** WP

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	DOOKK (RNAV)			KABQ	ALBUQUERQUE	NM (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 11/15/2012

DEVELOPED BY: **DATE:** 01/25/2012 **OFFICE:** AJV-353 **NAME:** BEV L BORDY

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

SIGNATURE:

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

QUALITY 3 CHECKED

RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 332014.92N/1043716.48W **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	CHISUM	CME	VORTAC	H							45000

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	W	CME	VORTAC	278.00	098.00	R	1-1 1/2		6000	17500	5	16

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	230	AAO	331721.00N/1045612.00W	5050	4E
1	200	AAO	332136.00N/1044915.00W	4551	4E
1	265	AAO	332154.00N/1045657.00W	5082	4E
1	310	AAO	332012.00N/1045818.00W	5319	4E

HOLDING RESTRICTIONS:
UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 8000.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	LOC BC RWY 3	KROW	ROSWELL	NM (US)
1	VOR-B	KROW	ROSWELL	NM (US)

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	DOOKK (RNAV)			KABQ	ALBUQUERQUE	NM (US)
DP	JETOK (RNAV)			KABQ	ALBUQUERQUE	NM (US)
DP	MNZNO (RNAV)			KABQ	ALBUQUERQUE	NM (US)
DP	T/O MINS AND ODP			KROW	ROSWELL	NM (US)
DP	LATVE (RNAV)			KELP	EL PASO	TX (US)
DP	MIDLAND			KMAF	MIDLAND	TX (US)
EN ROUTE	J15					(US)
EN ROUTE	J166					(US)
EN ROUTE	J26					(US)
EN ROUTE	J65					(US)
EN ROUTE	V280					(US)
EN ROUTE	V291					(US)
EN ROUTE	V68					(US)
EN ROUTE	V83					(US)
EN ROUTE	V14					NM (US)
IAP	VOR/DME RWY 3			KALM	ALAMOGORDO	NM (US)
IAP	NDB RWY 12			KATS	ARTESIA	NM (US)
IAP	NDB RWY 30			KATS	ARTESIA	NM (US)
IAP	RNAV (GPS) RWY 12			KATS	ARTESIA	NM (US)
IAP	RNAV (GPS) RWY 21			KATS	ARTESIA	NM (US)
IAP	HI ILS OR LOC RWY 21		1	KROW	ROSWELL	NM (US)
IAP	ILS OR LOC RWY 21		1	KROW	ROSWELL	NM (US)
IAP	LOC BC RWY 3		1	KROW	ROSWELL	NM (US)
IAP	RNAV (GPS) RWY 17			KROW	ROSWELL	NM (US)
IAP	RNAV (GPS) RWY 21			KROW	ROSWELL	NM (US)
IAP	RNAV (GPS) RWY 3			KROW	ROSWELL	NM (US)
IAP	RNAV (GPS) RWY 35			KROW	ROSWELL	NM (US)
IAP	VOR-B		1	KROW	ROSWELL	NM (US)
IAP	ILS OR LOC/DME RWY 24			KSRR	RUIDOSO	NM (US)
STAR	MIERA			KABQ	ALBUQUERQUE	NM (US)
STAR	MIERA			KAEG	ALBUQUERQUE	NM (US)
STAR	SAMMR (RNAV)			KELP	EL PASO	TX (US)

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

COMPULSORY REPORTING POINT: LOW

RECORD REVISION NUMBER: 17 **DATE OF REVISION:** 07/26/2012

QUALITY 3 CHECKED

REASON FOR REVISION:
ADDED DP TO REQUIRED CHARTING.

DEVELOPED BY:	**DATE:** 02/24/2012	**OFFICE:** AJV-353	**NAME:** JILL OLSON (STEPHEN PETERSON)
APPROVED BY:	**DATE:**	**OFFICE:** AJV-353	**NAME:** LARRY STROUT
	SIGNATURE:		

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

QUALITY 3 Check

RADIO FIX AND HOLDING DATA RECORD

NAME: DADDY **STATE:** NM **COUNTRY:** US

LATITUDE/LONGITUDE: 344056.40N/1061121.62W **TYPE:** WP

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	DOOKK (RNAV)			KABQ	ALBUQUERQUE	NM (US)
DP	JETOK (RNAV)			KABQ	ALBUQUERQUE	NM (US)
DP	MNZNO (RNAV)			KABQ	ALBUQUERQUE	NM (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 11/15/2012

DEVELOPED BY: **DATE:** 01/28/2012 **OFFICE:** AJV-353 **NAME:** BEV L BORDY

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

SIGNATURE:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: DOOKK **STATE:** NM **COUNTRY:** US

LATITUDE/LONGITUDE: 344839.84N/1063120.50W **TYPE:** WP

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	DOOKK (RNAV)			KABQ	ALBUQUERQUE	NM (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 11/15/2012

DEVELOPED BY: **DATE:** 01/25/2012 **OFFICE:** AJV-353 **NAME:** BEV L BORDY

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

SIGNATURE:

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

QUALITY 3 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: FATTT **STATE:** NM **COUNTRY:** US

LATITUDE/LONGITUDE: 344525.58N/1060705.31W **TYPE:** WP

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	DOOKK (RNAV)			KABQ	ALBUQUERQUE	NM (US)
DP	JETOK (RNAV)			KABQ	ALBUQUERQUE	NM (US)
DP	MNZNO (RNAV)			KABQ	ALBUQUERQUE	NM (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 11/15/2012

DEVELOPED BY: **DATE:** 01/25/2012 **OFFICE:** AJV-353 **NAME:** BEV L BORDY

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

SIGNATURE:

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

QUALITY 3 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: JETOK **STATE:** NM **COUNTRY:** US

LATITUDE/LONGITUDE: 345544.71N/1064413.56W **TYPE:** WP

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BOSQE (RNAV)			KABQ	ALBUQUERQUE	NM (US)
DP	DOOKK (RNAV)			KABQ	ALBUQUERQUE	NM (US)
DP	JETOK (RNAV)			KABQ	ALBUQUERQUE	NM (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 11/15/2012

DEVELOPED BY: **DATE:** 01/25/2012 **OFFICE:** AJV-353 **NAME:** BEV L BORDY

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

SIGNATURE:

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

QUALITY 3 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: LARLE **STATE:** NM **COUNTRY:** US

LATITUDE/LONGITUDE: 342804.77N/1053812.27W **TYPE:** WP

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	DOOKK (RNAV)			KABQ	ALBUQUERQUE	NM (US)
DP	JETOK (RNAV)			KABQ	ALBUQUERQUE	NM (US)
DP	MNZNO (RNAV)			KABQ	ALBUQUERQUE	NM (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 11/15/2012

DEVELOPED BY: **DATE:** 01/25/2012 **OFFICE:** AJV-353 **NAME:** BEV L BORDY

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

SIGNATURE:

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

QUALITY 3 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: MOLVE **STATE:** NM **COUNTRY:** US

LATITUDE/LONGITUDE: 344209.66N/1043736.74W **TYPE:** WP

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	DOOKK (RNAV)			KABQ	ALBUQUERQUE	NM (US)
DP	JETOK (RNAV)			KABQ	ALBUQUERQUE	NM (US)
DP	MNZNO (RNAV)			KABQ	ALBUQUERQUE	NM (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 11/15/2012

DEVELOPED BY: **DATE:** 01/25/2012 **OFFICE:** AJV-353 **NAME:** BEV L BORDY

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: TACOZ **STATE:** NM **COUNTRY:** US

LATITUDE/LONGITUDE: 335921.25N/1051441.68W **TYPE:** WP

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	DOOKK (RNAV)			KABQ	ALBUQUERQUE	NM (US)
DP	JETOK (RNAV)			KABQ	ALBUQUERQUE	NM (US)
DP	MNZNO (RNAV)			KABQ	ALBUQUERQUE	NM (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 11/15/2012

DEVELOPED BY: **DATE:** 01/25/2012 **OFFICE:** AJV-353 **NAME:** BEV L BORDY

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: TEXICO VORTAC **STATE:** TX **COUNTRY:** US

LATITUDE/LONGITUDE: 342942.46N/1025022.79W **TYPE:**

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** NO CHANGE

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	TEXICO	TXO	VORTAC	H							45000

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	NW	TXO	VORTAC	320.96	140.96	R	1		5800	14000	5	10
2	NE	TXO	VORTAC	061.00	241.00	R	1		5600	14000	5	10
3	NE		WP	061.00	241.00	R		5	5600	14000	6	11
4	NW		WP	322.96	142.96	R		5	5800	14000	6	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (48-001675)	343109.00N/1025244.00W	4553	3C
2	200	TOWER (48-001675)	343109.00N/1025244.00W	4553	3C
3	200	TOWER (48-001675)	343109.00N/1025244.00W	4553	3C
4	200	TOWER (48-001675)	343109.00N/1025244.00W	4553	3C

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ALBUQUERQUE DEPARTURE			KABQ	ALBUQUERQUE	NM (US)
DP	DOOKK (RNAV)			KABQ	ALBUQUERQUE	NM (US)
DP	JETOK (RNAV)			KABQ	ALBUQUERQUE	NM (US)
DP	MNZNO (RNAV)			KABQ	ALBUQUERQUE	NM (US)
DP	TEXICO DEPARTURE			KCVS	CLOVIS	NM (US)
DP	WORTH DEPARTURE			KGKY	ARLINGTON	TX (US)
DP	WORTH DEPARTURE			KADS	DALLAS	TX (US)
DP	COYOTE DEPARTURE			KDAL	DALLAS	TX (US)
DP	LOVE DEPARTURE			KDAL	DALLAS	TX (US)
DP	WORTH DEPARTURE			KDAL	DALLAS	TX (US)
DP	WORTH DEPARTURE			KRBD	DALLAS	TX (US)
DP	CEOLA DEPARTURE (RNAV)			KDFW	DALLAS-FORT WORTH	TX (US)
DP	COYOTE DEPARTURE			KDFW	DALLAS-FORT WORTH	TX (US)
DP	WORTH DEPARTURE			KDFW	DALLAS-FORT WORTH	TX (US)
DP	WORTH DEPARTURE			KDTO	DENTON	TX (US)
DP	WORTH DEPARTURE			KAFW	FORT WORTH	TX (US)
DP	WORTH DEPARTURE			KFTW	FORT WORTH	TX (US)
DP	WORTH DEPARTURE			KFWS	FORT WORTH	TX (US)
DP	WORTH DEPARTURE			KNFW	FORT WORTH	TX (US)
DP	WORTH DEPARTURE			KGPM	GRAND PRAIRIE	TX (US)
DP	WORTH DEPARTURE			KLNC	LANCASTER	TX (US)
DP	WORTH DEPARTURE			KTKI	MC KINNEY	TX (US)
DP	WORTH DEPARTURE			KHQZ	MESQUITE	TX (US)
EN ROUTE	J26					(US)
EN ROUTE	J72					(US)
EN ROUTE	J74					(US)
EN ROUTE	V278					(US)
EN ROUTE	V280					(US)
EN ROUTE	V530					(US)
EN ROUTE	V62					TX (US)
IAP	ILS RWY 4		2	KCVN	CLOVIS	NM (US)
IAP	RNAV (GPS) RWY 22		3	KCVN	CLOVIS	NM (US)
IAP	RNAV (GPS) RWY 30		3	KCVN	CLOVIS	NM (US)
IAP	VOR RWY 22		2	KCVN	CLOVIS	NM (US)
IAP	HI-ILS OR LOC RWY 21			KROW	ROSWELL	NM (US)
IAP	NDB OR GPS RWY 1			KLIU	LITTLEFIELD	TX (US)
IAP	RNAV (GPS)-B		4	K2T1	MULESHOE	TX (US)
IAP	VOR/DME-A		1	K2T1	MULESHOE	TX (US)
STAR	MIERA ARRIVAL			KABQ	ALBUQUERQUE	NM (US)
STAR	GREGS ARRIVAL			KDAL	DALLAS	TX (US)
STAR	BOWIE ARRIVAL			KDFW	DALLAS-FORT WORTH	TX (US)
STAR	MOTZA ARRIVAL			KAFW	FORT WORTH	TX (US)

QUALITY CHECKED 3

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9 **DATE OF REVISION:** 03/10/2011

REASON FOR REVISION:
1. UPDATED PAT 3 DME LEG LENGTH FROM 4 TO 5.
2. UPDATED PAT 4 DME LEG LENGTH FROM 4 TO 5.
3. UPDATED PAT 1 CONTROLLING OBSTACLE.
4. UPDATED PAT 2 CONTROLLING OBSTACLE.
5. UPDATED PAT 3 CONTROLLING OBSTACLE CODE.
6. UPDATED PAT 4 CONTROLLING OBSTACLE.
7. ADDED PRECIPITOUS TERRAIN EVALUATION NOTE.
8. ADDED REMARK FOR LIMITED HOLDING.
9. UPDATED FIX USE.

DEVELOPED BY:	**DATE:** 08/12/2010	**OFFICE:** AVN-120	**NAME:** JOSE ALFONSO (STEPHEN PETERSON)
APPROVED BY:	**DATE:** 11/30/2010	**OFFICE:** AVN-120	**NAME:** GREGORY YAMAMOTO
	SIGNATURE:		

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

US Department of Transportation
Federal Aviation Administration

FLIGHT PROCEDURES STANDARDS WAIVER

FLIGHT STANDARDS USE ONLY

CONTROL NO:

1. Flight Procedure Identification:

ALBUQUERQUE, NM
ALBUQUERQUE INTL SUNPORT (KABQ)
DOOKK (RNAV) DEPARTURE PROCEDURE

2. Waiver Required and Applicable Standard:

FAAO 8260.46D, PARA 2-1 e. (1) (b). ATC REQUESTS A MAXIMUM AT OR BELOW ALTITUDE RESTRICTION AT A FIX WITHOUT A CORRESPONDING MINIMUM AT OR ABOVE ALTITUDE RESTRICTION AT THE SAME FIX

3. Reason for Waiver *(Justification for nonstandard treatment)*:

ATC REQUIRES AIRCRAFT DEPARTING ALBUQUERQUE TO CROSS THE FIX JETOK AT OR BELOW 9000 TO PROVIDE VERTICAL SEPARATION FROM AIRCRAFT ON STANDARD ARRIVAL ROUTES (STARS) INTO ALBUQUERQUE. A PRIMARY USER GROUP, SOUTHWEST AIRLINES, HAS REQUESTED THAT NEITHER A BLOCK ALTITUDE NOR A HARD 9000 BE PUBLISHED AT JETOK, AND THE FIX BE RESTRICTED SOLELY WITH AN AT OR BELOW 9000 REQUIREMENT

4. Equivalent Level of Safety Provided:

THE DEPARTURE PROCEDURE REQUIRES A CLIMB GRADIENT OF 500 FEET PER NM TO 9000. THIS SHOULD ENSURE ALL AIRCRAFT REACH 9000 PRIOR TO THE FIX JETOK.

A MINIMUM OBSTACLE CLIMB GRADIENT AFTER JETOK OF 265 FEET PER NM TO 11900 IS SPECIFIED TO ENSURE AIRCRAFT CLEAR HIGH TERRAIN EAST OF JETOK. CLIMB GRADIENT IS BASED ON APPLYING 2000 FEET OF ROC (MOUNTAINOIUS TERRAIN), CONSIDERATION FOR ALONG TRACK FIX DISPLACEMENT TOLERANCES AND AAO VALUES ON HIGHEST TERRAIN.

A NOTE: IF UNABLE TO ACCEPT CLIMB GRADIENT, ADVISE ATC ON INITIAL CONTACT, IS INCLUDED ON THE PROCEDURE.

RADAR IS REQUIRED FOR ALL AIRCRAFT USING THIS PROCEDURE.

N THE EVENT ATC WERE TO VECTOR AN AIRCRAFT TO JETOK, THEY HAVE AGREED TO ENSRUE AIRCRAFT ARE AT A MINIMUM OF 9000 FT MSL PRIOR TO ISSUING A CLEARANCE TO CLIMB VIA THE DOOKK SID.

5. How Relocation or Additional Facilities Will Affect Waiver Requirement:

N/A

6. Coordination With User Organizations *(Specify)*:

AJV-353_____
AJV-351_____

7. SUBMITTED BY

DATE:	Office Identification:	Title:	Signature:
	AJV-35	MANAGER, TERMINAL PRODUCTS GROUP	GREGORY YAMAMOTO

FAA FORM 8260 - 1 / July 2003 (computer generated)

8. CONTINUATION
Comments:

9. AFS ACTION		
		Approved
		Disapproved
		Not Required

Comments:		
Date:	Routing Symbol:	Signature:

US Department of Transportation
Federal Aviation Administration

FLIGHT PROCEDURES STANDARDS WAIVER

FLIGHT STANDARDS USE ONLY

CONTROL NO:

1. Flight Procedure Identification:

ALBUQUERQUE, NM
ALBUQUERQUE INTL SUNPORT (KABQ)
DOOKK (RNAV) DEPARTURE PROCEDURE

2. Waiver Required and Applicable Standard:

FAAO 8260.46D, PARA 2-1 e. (2). MULTIPLE CLIMB GRADIENTS ARE REQUIRED ON THE DOOKK (RNAV) DEPARTURE PROCEDURE TO COMPLY WITH NECESSARY ALTITUDE RESTRICTIONS AND OBSTACLE CLEARANCE.

3. Reason for Waiver *(Justification for nonstandard treatment)*:

ATC REQUIRES AIRCRAFT DEPARTING ALBUQUERQUE ON THE DOOKK (RNAV) DEPARTURE PROCEDURE TO INITIALLY CLIMB AT 500 FEET PER NM TO 9000 TO CROSS THE FIX JETOK AT OR BELOW 9000 TO PROVIDE VERTICAL SEPARATION FROM AIRCRAFT ON STANDARD ARRIVAL ROUTES (STARS) INTO ALBUQUERQUE. A SUBSEQUENT CLIMB GRADIENT OF 265 FEET PER NM TO 11900 IS NECESSARY TO PROVIDE REQUIRED CLEARANCE OVER THE HIGHEST (MOUNTAINOUS) TERRAIN PLUS AAO, ON THE TRANSITION ROUTES THAT FOLLOW.

4. Equivalent Level of Safety Provided:

CLIMB GRADIENT CALCULATIONS ARE BASED ON COMMENCING THE LEVEL SURFACE EVALUATION AT 7000 AT THE FIX JETOK (AIRCRAFT CROSS FIX AT OR BELOW 9000) AND DELAYING THE SURFACE RISE UNTIL THE END OF APPLICABLE FIX DISPLACMENT TOLERANCE (FDT) AT JETOK UNTIL THE BEGINNING OF THE FDT AT THE FIX DOOKK, WHERE THE MOCA IS 11900 FOR THE TRANSITION SEGMENTS THAT FOLLOW.THE CONTROLLING OBSTACLE FOR THESE SEGMENTS IS A 9836 FOOT MSL AAO LOCATED 4.7 NM AFTER PASSING DOOKK.

A NOTE: IF UNABLE TO ACCEPT CLIMB GRADIENT, ADVISE ATC ON INITIAL CONTACT, IS INCLUDED ON THE PROCEDURE.

RADAR IS REQUIRED FOR ALL AIRCRAFT USING THIS PROCEDURE.

5. How Relocation or Additional Facilities Will Affect Waiver Requirement:

N/A

6. Coordination With User Organizations *(Specify)*:

AJV-353_____
AJV-351_____

7. SUBMITTED BY

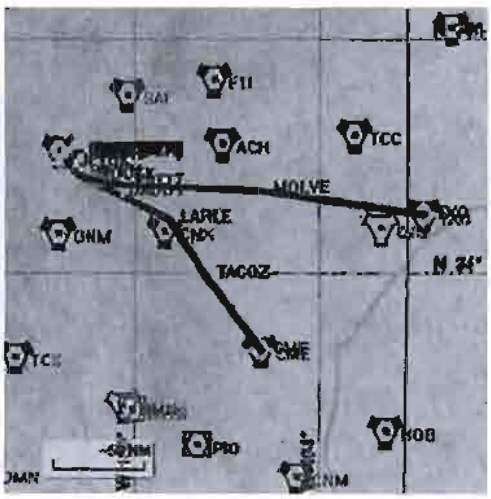
DATE:	Office Identification:	Title:	Signature:
	AJV-35	MANAGER, TERMINAL PRODUCTS GROUP	GREGORY YAMAMOTO

8. CONTINUATION
Comments:

9. AFS ACTION		
		Approved
		Disapproved
		Not Required

Comments:

Date:	Routing Symbol:	Signature:



Name:	DAVE COOK
Project Name:	KABQ DOOKK1 SID
Output File:	KABQ DOOKK1 SID RW21 CME 20120328_0638
Procedure Name:	DOOKK1
Software:	RNAV-Pro™
Version:	2.36q
Date/Time:	3/28/2012 6:38:45 AM
Input File:	DOOKK DEPARTURE RW21 CME 20111107.txt
Databases:	AVNIS Date: 08/26/2011
	Obstacle Date: 08/26/2011
	NFD Date: 09/30/2010
	DTED® (MAX) Date: 2002

Results Summary:

Flyability	✔	Please Check Flyability Results
DME/DME	✔	
Radars	✔	
Comms	?	
TERPS	?	

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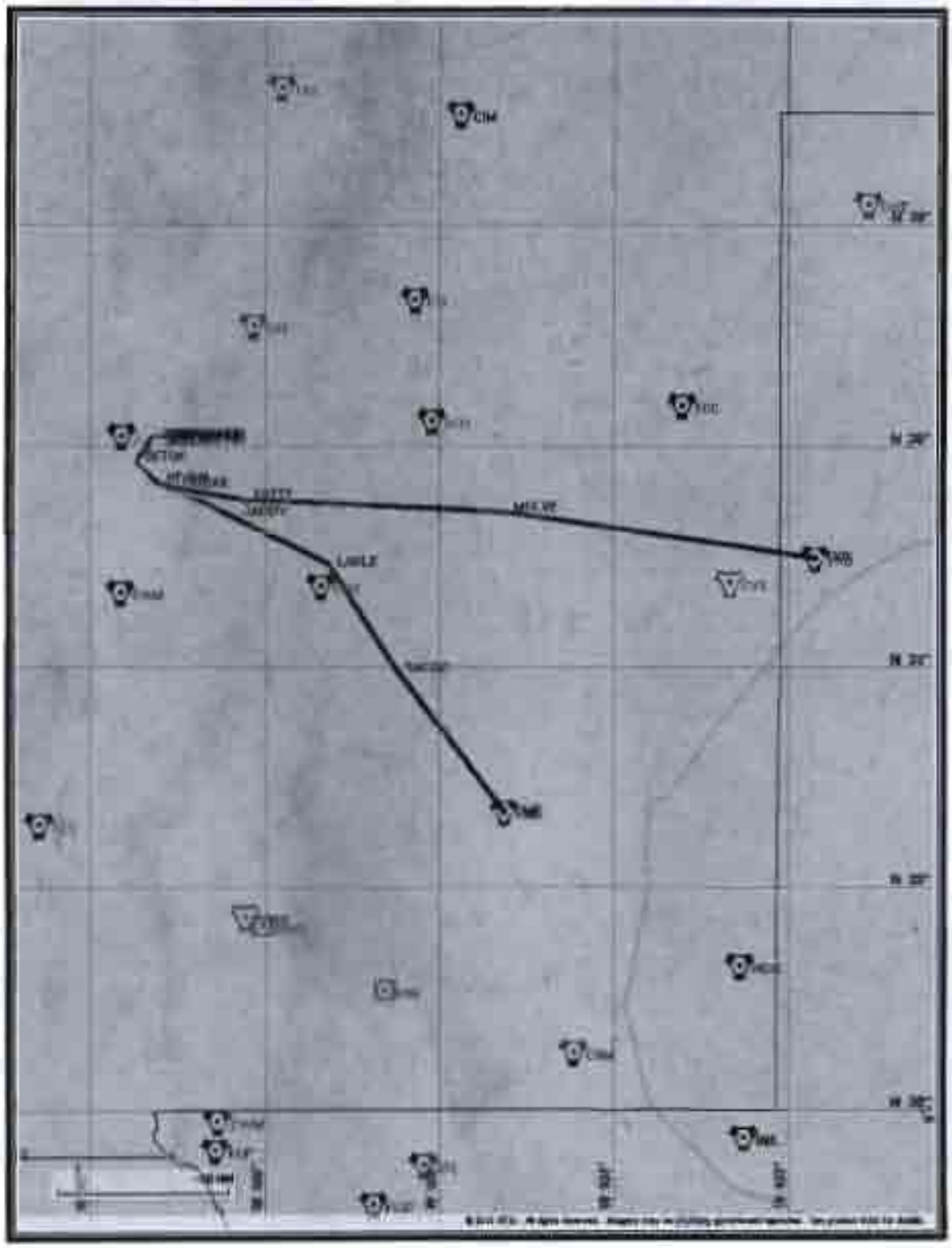
Flight Plan

Return To Summary

Name	Type	Lat/Lon	Alt [Ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
RW21(A...	WP	N 35° 2' 30.27" W 106° 36' 25.48"	5316.1	VNAV	0.0	Fly Over	TF
RW03(D...	WP	N 35° 1' 20.09" W 106° 37' 50.17"	5340.1	VNAV	130.0	Fly Over	VA
GH21	WP	N 35° 0' 32.75" W 106° 38' 47.27"	5860.0	VNAV	145.0	Fly Over	DF
JETOK	WP	N 34° 55' 44.71" W 106° 44' 13.56"	8000.0	VNAV	250.0	Fly By	TF
BIYEN	WP	N 34° 50' 2.55" W 106° 38' 56.72"	10000.0	VNAV	180.0	Fly By	TF
DOOKK	WP	N 34° 46' 39.84" W 106° 31' 20.50"	11500.0	VNAV	210.0	Fly By	TF
DADDY	WP	N 34° 40' 56.40" W 106° 11' 21.62"	15136.4	VNAV	210.0	Fly By	TF
LARLE	WP	N 34° 28' 4.77" W 105° 38' 12.27"	18000.0	VNAV	240.0	Fly By	TF
TACOZ	WP	N 33° 59' 21.25" W 105° 14' 41.68"	18000.0	VNAV	240.0	Fly By	TF
CME	WP	N 33° 20' 14.92" W 104° 37' 16.48"	18000.0	VNAV	240.0	Fly Over	TF

Climb Gradient: 500.0 Ft/NM up to 9000.0 Ft MSL



DME/DME

Return To Summary

Settings:

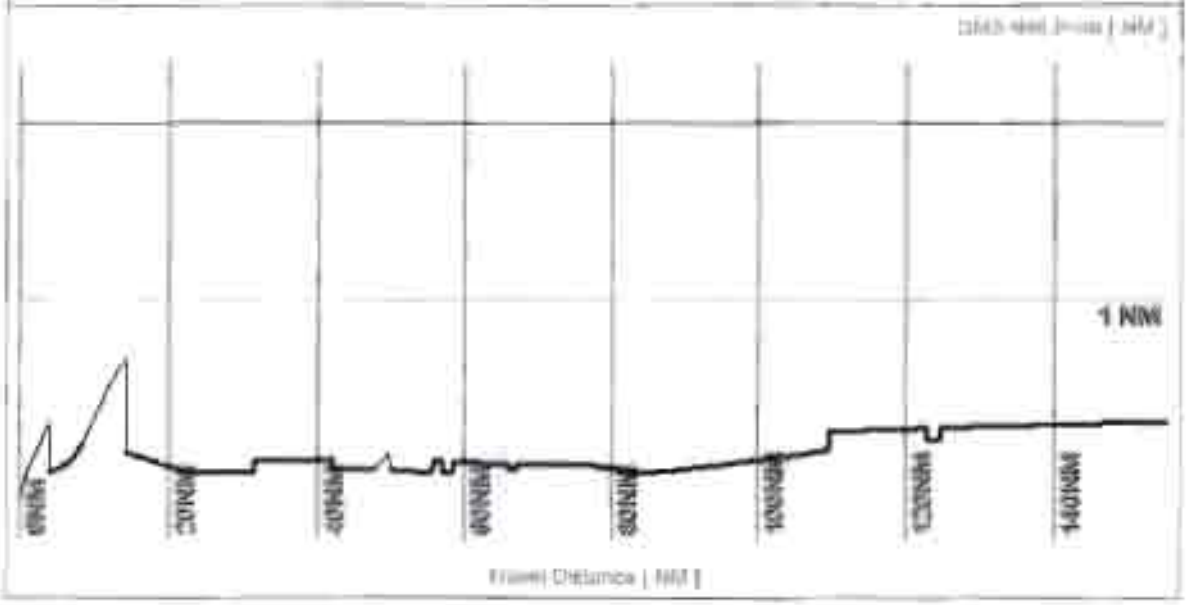
RNP: 2.0
Flight Mode: Manual
Line of Sight (DTED Level 0 Max): Evaluated
DME Restrictions: Evaluated
Inertial Drift: Enabled
  Initial Drift: 0.165 NM
  INS Drift Rate: 5.000 NM/Hour
Range Mode: OSV
Co-Frequencies: Evaluated
RNP Edges: Evaluated
Min DME Range: 3.0 NM
Allowed Gap Length: 4.0 NM
DME Types: VOR/DME , VORTAC , TACAN , and User
DME Include Angles: 30 to 150
Critical DMEs: Allowed
DoD Facilities: Not included
Foreign Facilities: Not included
Low & Terminal DMEs: Included
Flight Check DMEs: Selected
Higher Altitudes: Evaluated
Near Maximum Altitude: Evaluated
Minimum MSL DMEs Avail: 6499 FL

Total Number of DMEs Used: 9

Maximum DME Error: 0.750 NM

1 Critical DME was found

Available DMEs: ABQ, ONM, CNX, ACH, TCS, FTI, SAF, CME, TCC, CNM, HOB



Flyability

Return To Summary

Settings:

Flight Type: Runway Departure
Selected Airport: KABQ
Aircraft Category: Cat D
Climb Gradient: 500.0 Ft/NM up to 9000.0 Ft MSL
Ground Speeds:
Departure: **120.0 Kts** out to **10.0 NM**
Table:
200.0 Kts up to **11000.0 Ft.**
240.0 Kts up to **18000.0 Ft.**
260.0 Kts up to **24000.0 Ft.**
340.0 Kts up to **99900.0 Ft.**
Wind Settings: *None assigned*
Descent During a Turn: Allowed
VNAV Mode: Flight Plan

Aircraft ALTITUDE at Fly-By WP JETOK too high.

Required IAS at Fly-By WP DOOKK could not be reached with given A/C acceleration performance.

Flight Track comes into contact with terrain. Minimum AGL along route was -18.55 Ft.
Flight Track contacted terrain (DTED lvl 0 max) between AER and DER or within 2/3 NM of DER

DME/DME (Continued.)

Return To Summary

Inertial Drift Segments

#	Start Location	End Location	Length [NM]
1	N 35° 2' 30.27" W 106° 36' 25.46"	N 34° 59' 40.09" W 106° 39' 47.20"	4.0
	VOR: ABQ	Available from N 35° 2' 30.27" W 106° 36' 25.46" to N 34° 59' 40.09" W 106° 39' 47.20"	
	VOR: OTO	Available from N 35° 2' 30.27" W 106° 36' 25.46" to N 34° 59' 40.09" W 106° 39' 47.20"	
2	N 34° 56' 32.49" W 106° 43' 19.56"	N 34° 52' 15.23" W 106° 39' 46.17"	5.9
	VOR: ABQ	Available from N 34° 56' 32.49" W 106° 43' 19.56" to N 34° 52' 15.23" W 106° 39' 46.17"	
	VOR: ONM	Available from N 34° 56' 32.49" W 106° 43' 19.56" to N 34° 52' 15.23" W 106° 39' 46.17"	
	VOR: OTO	Available from N 34° 56' 32.49" W 106° 43' 19.56" to N 34° 52' 15.23" W 106° 39' 46.17"	
3	N 34° 37' 47.92" W 106° 3' 12.89"	N 34° 36' 57.04" W 106° 1' 1.15"	2.0
	VOR: ONX	Available from N 34° 37' 47.92" W 106° 3' 12.89" to N 34° 36' 57.04" W 106° 1' 1.15"	
	VOR: OTO	Available from N 34° 37' 47.92" W 106° 3' 12.89" to N 34° 36' 57.04" W 106° 1' 1.15"	

User DMEs

#	Name	Lat/Lon/MAG/VAR	Range	Elevation [Ft]	Frequency	Replaces	Status
1	RSK	N 35° 44' 54.21" W 108° 5' 56.04" E 14	H	5623.1	115.30	RSK	Not Used
	ESV	Bearing [True]: 76.0° to 144.0° Bearing [Mag]: 62.0° to 130.0°			Arc Distance: Out to 105.0 NM Altitude: 16600.0 to 34000.0 Ft.		
	ESV	Bearing [True]: 118.0° to 143.0° Bearing [Mag]: 104.0° to 129.0°			Arc Distance: Out to 97.0 NM Altitude: 16600.0 to 22000.0 Ft.		
	ESV	Bearing [True]: 158.0° to 207.0° Bearing [Mag]: 144.0° to 193.0°			Arc Distance: Out to 110.0 NM Altitude: 16000.0 to 24000.0 Ft.		
	ESV	Bearing [True]: 118.0° to 153.0° Bearing [Mag]: 101.0° to 151.0°			Arc Distance: Out to 95.0 NM Altitude: 12000.0 to 28000.0 Ft.		

DME/DME (Continued.)

Return To Summary

DMEs Used

#	Name	Lat/Lon/MAGVAR	Range	Source	Critical	Err. [NM]	Status	Time	Distance
1	ONM	N 34° 20' 20.04" W 106° 49' 13.88" E 13	H + ESV	User	YES	Drift Time	Enabled	16.5 %	13.9 %
2	ABQ	N 35° 2' 37.68" W 106° 48' 58.72" E 13	H + ESV	User	NO	1.406	Enabled	15.6 %	13.2 %
3	CNX	N 34° 22' 1.25" W 105° 40' 40.82" E 13	H + ESV	User	NO	0.750	Enabled	33.7 %	37.4 %
4	TCS	N 33° 16' 57.01" W 107° 16' 49.95" E 13	H + ESV	User	NO	0.750	Enabled	6.3 %	6.7 %
5	FTI	N 35° 39' 27.28" W 105° 8' 8.12" E 13	H + ESV	User	NO	0.750	Enabled	5.3 %	5.9 %
6	ACH	N 35° 6' 42.19" W 106° 2' 23.79" E 12	H + ESV	User	NO	1.591	Enabled	56.1 %	63.5 %
7	CME	N 33° 20' 14.92" W 104° 37' 16.48" E 12	H + ESV	User	NO	0.750	Enabled	11.2 %	12.2 %
8	HOB	N 32° 38' 17.64" W 103° 16' 9.53" E 11	L + ESV	User	NO	0.906	Enabled	25.6 %	25.8 %
9	TCC	N 35° 10' 55.70" W 103° 35' 54.67" E 12	H + ESV	User	NO	0.750	Enabled	1.1 %	1.2 %

Flight Check DME Selection

Distance [NM]	Selected DMEs					Alternate
0.0						
1.7	ABQ					
2.7	ABQ	ONM				
8.7	ABQ	ONM				
16.5	ABQ	ONM	CNX			
21.7	ABQ	ONM	CNX	TCS	ACH	SAF
40.3	ABQ	FTI	CNX	TCS	ACH	SAF
50.4	ABQ	FTI	CNX	CME	ACH	TCC
69.8	CNM	FTI	CNX	CME	ACH	
104.9	CNM	HOB	CNX	CME	ACH	
115.0	TCC	HOB	CNX	CME	ACH	CNM
134.9	CNM	HOB	CNX	CME	ACH	

DME/DME (Continued.)

Return To Summary

User DMEs (Continued.)

#	Name	Lat/Lon/MAGVAR	Range	Elevation [Ft]	Frequency	Replaces:	Status
4	GUP	N 35° 28' 33.60" W 108° 52' 21.40" E 14	H	7053.1	116.10	GUP	Not Used

	ESV	Bearing [True]: 18.0° to 67.0° Bearing [Mag]: 4.0° to 53.0°	Arc Distance: Out to 97.0 NM Altitude: 15000.0 to 30000.0 Ft.
	ESV	Bearing [True]: 106.0° to 114.0° Bearing [Mag]: 92.0° to 100.0°	Arc Distance: Out to 75.0 NM Altitude: 17000.0 to 22000.0 Ft.
	ESV	Bearing [True]: 123.0° to 193.0° Bearing [Mag]: 109.0° to 179.0°	Arc Distance: Out to 100.0 NM Altitude: 17000.0 to 22000.0 Ft.
	ESV	Bearing [True]: 22.0° to 69.0° Bearing [Mag]: 8.0° to 55.0°	Arc Distance: Out to 100.0 NM Altitude: 12000.0 to 25000.0 Ft.
	ESV	Bearing [True]: 125.0° to 195.0° Bearing [Mag]: 111.0° to 181.0°	Arc Distance: Out to 102.0 NM Altitude: 14000.0 to 25000.0 Ft.
	ESV	Bearing [True]: 119.0° to 211.0° Bearing [Mag]: 105.0° to 197.0°	Arc Distance: Out to 56.0 NM Altitude: 13000.0 to 25000.0 Ft.

DME/DME (Continued.)

Return To Summary

User DMEs (Continued.)

#	Name	Lat/Lon/MAGVAR	Range	Elevation [Ft]	Frequency	Replaces:	Status
2	ONM	N 34° 20' 20.04" W 106° 49' 13.69" E 13	H	4910.0	116.80	ONM	Used
		ESV:	Bearing [True]: 354.0° to 14.0° Bearing [Mag]: 341.0° to 1.0°		Arc Distance: Out to 126.0 NM Altitude: 13000.0 to 24000.0 Ft.		
		ESV:	Bearing [True]: 355.0° to 37.0° Bearing [Mag]: 342.0° to 24.0°		Arc Distance: Out to 67.0 NM Altitude: 7000.0 to 20000.0 Ft.		
		ESV:	Bearing [True]: 302.0° to 371.0° Bearing [Mag]: 289.0° to 358.0°		Arc Distance: Out to 76.0 NM Altitude: 7400.0 to 20000.0 Ft.		
		ESV:	Bearing [True]: 269.0° to 362.0° Bearing [Mag]: 256.0° to 349.0°		Arc Distance: Out to 83.0 NM Altitude: 13000.0 to 25000.0 Ft.		
		ESV:	Bearing [True]: 364.0° to 52.0° Bearing [Mag]: 351.0° to 39.0°		Arc Distance: Out to 45.0 NM Altitude: 6500.0 to 25000.0 Ft.		
		ESV:	Bearing [True]: 352.0° to 14.0° Bearing [Mag]: 339.0° to 1.0°		Arc Distance: Out to 105.0 NM Altitude: 10000.0 to 25000.0 Ft.		
		ESV:	Bearing [True]: 353.0° to 20.0° Bearing [Mag]: 340.0° to 7.0°		Arc Distance: Out to 50.0 NM Altitude: 7500.0 to 22000.0 Ft.		
		ESV:	Bearing [True]: 333.0° to 26.0° Bearing [Mag]: 320.0° to 13.0°		Arc Distance: Out to 65.0 NM Altitude: 12000.0 to 25000.0 Ft.		
3	ABQ	N 35° 2' 37.68" W 106° 48' 58.72" E 13	H	5746.5	113.20	ABQ	Used
		Restriction:	Bearing [True]: 53.0° to 68.0° Bearing [Mag]: 40.0° to 55.0°		Distance: Beyond 30.0 NM Altitude: Below 15000.0 Ft.		
		ESV:	Bearing [True]: 316.0° to 38.0° Bearing [Mag]: 303.0° to 15.0°		Arc Distance: Out to 82.0 NM Altitude: 9900.0 to 22000.0 Ft.		
		ESV:	Bearing [True]: 68.0° to 284.0° Bearing [Mag]: 55.0° to 241.0°		Arc Distance: Out to 117.0 NM Altitude: 16000.0 to 24000.0 Ft.		
		ESV:	Bearing [True]: 111.0° to 177.0° Bearing [Mag]: 98.0° to 164.0°		Arc Distance: Out to 35.0 NM Altitude: 13000.0 to 25000.0 Ft.		
		ESV:	Bearing [True]: 40.0° to 80.0° Bearing [Mag]: 27.0° to 67.0°		Arc Distance: Out to 29.0 NM Altitude: 10000.0 to 29000.0 Ft.		
		ESV:	Bearing [True]: 345.0° to 45.0° Bearing [Mag]: 332.0° to 32.0°		Arc Distance: Out to 85.0 NM Altitude: 10000.0 to 25000.0 Ft.		
		ESV:	Bearing [True]: 111.0° to 185.0° Bearing [Mag]: 98.0° to 172.0°		Arc Distance: Out to 35.0 NM Altitude: 7000.0 to 25000.0 Ft.		

DME/DME (Continued.)

Return To Summary

User DMEs (Continued.)

#	Name	Lat/Lon/MAGVAR	Range	Elevation [Ft]	Frequency	Replaces:	Status
6	ACH	N 35° 6' 42.19" W 105° 2' 23.79" E 12	H	5445.0	117.80	ACH	Used
		ESV	Bearing [True]: 261.0° to 288.0° Bearing [Mag]: 269.0° to 276.0°		Arc Distance: Out to 98.0 NM Altitude: 15100.0 to 20000.0 Ft.		
		ESV	Bearing [True]: 110.0° to 236.0° Bearing [Mag]: 98.0° to 223.0°		Arc Distance: Out to 115.0 NM Altitude: 13000.0 to 30000.0 Ft.		
		ESV	Bearing [True]: 239.0° to 270.0° Bearing [Mag]: 227.0° to 258.0°		Arc Distance: Out to 100.0 NM Altitude: 13000.0 to 25000.0 Ft.		
		ESV	Bearing [True]: 160.0° to 242.0° Bearing [Mag]: 148.0° to 230.0°		Arc Distance: Out to 130.0 NM Altitude: 16500.0 to 22000.0 Ft.		
7	SAF	N 35° 22' 28.94" W 106° 3' 53.81" E 13	L	6283.2	112.60	SAF	Not Used
		Restriction	Bearing [True]: 28.0° to 43.0° Bearing [Mag]: 16.0° to 30.0°		Distance: Beyond 30.0 NM Altitude: Below 14600.0 Ft.		
		ESV	Bearing [True]: 246.0° to 256.0° Bearing [Mag]: 233.0° to 243.0°		Arc Distance: Out to 46.0 NM Altitude: 12800.0 to 26000.0 Ft.		
		ESV	Bearing [True]: 236.0° to 305.0° Bearing [Mag]: 225.0° to 292.0°		Arc Distance: Out to 45.0 NM Altitude: 9000.0 to 25000.0 Ft.		
		ESV	Bearing [True]: 245.0° to 255.0° Bearing [Mag]: 232.0° to 242.0°		Arc Distance: Out to 66.0 NM Altitude: 14000.0 to 26000.0 Ft.		
		ESV	Bearing [True]: 210.0° to 233.0° Bearing [Mag]: 197.0° to 220.0°		Arc Distance: Out to 102.0 NM Altitude: 13000.0 to 25000.0 Ft.		
		ESV	Bearing [True]: 203.0° to 220.0° Bearing [Mag]: 190.0° to 207.0°		Arc Distance: Out to 74.0 NM Altitude: 13000.0 to 25000.0 Ft.		
		ESV	Bearing [True]: 183.0° to 330.0° Bearing [Mag]: 170.0° to 217.0°		Arc Distance: Out to 65.0 NM Altitude: 13000.0 to 25000.0 Ft.		
		ESV	Bearing [True]: 81.0° to 236.0° Bearing [Mag]: 68.0° to 223.0°		Arc Distance: Out to 45.0 NM Altitude: 10000.0 to 25000.0 Ft.		
		ESV	Bearing [True]: 275.0° to 310.0° Bearing [Mag]: 262.0° to 297.0°		Arc Distance: Out to 55.0 NM Altitude: 12000.0 to 25000.0 Ft.		
		ESV	Bearing [True]: 161.0° to 232.0° Bearing [Mag]: 178.0° to 219.0°		Arc Distance: Out to 65.0 NM Altitude: 8000.0 to 25000.0 Ft.		
		ESV	Bearing [True]: 183.0° to 230.0° Bearing [Mag]: 170.0° to 217.0°		Arc Distance: Out to 65.0 NM Altitude: 7500.0 to 26000.0 Ft.		
		ESV	Bearing [True]: 205.0° to 221.0° Bearing [Mag]: 192.0° to 208.0°		Arc Distance: Out to 66.0 NM Altitude: 12000.0 to 25000.0 Ft.		

DME/DME (Continued.)

Return To Summary

User DMEs (Continued.)

#	Name	Lat/Lon/MAGVAR	Range	Elevation [Ft]	Frequency	Replaces:	Status
6	CNX	N 34° 22' 1.26" W 106° 40' 40.82" E 13	H	6412.0	115.50	CNX	Used

Restriction:	Bearing [True]: 128.0° to 132.0° Bearing [Mag]: 115.0° to 119.0°	Distance: Beyond 25.0 NM Altitude: Below 10000.0 Ft.
Restriction:	Bearing [True]: 128.0° to 148.0° Bearing [Mag]: 115.0° to 135.0°	Distance: Beyond 35.0 NM Altitude: Below 10000.0 Ft.
Restriction:	Bearing [True]: 132.0° to 134.0° Bearing [Mag]: 119.0° to 121.0°	Distance: Beyond 10.0 NM Altitude: Below 11800.0 Ft.
Restriction:	Bearing [True]: 134.0° to 148.0° Bearing [Mag]: 121.0° to 135.0°	Distance: Beyond 25.0 NM Altitude: Below 10000.0 Ft.
Restriction:	Bearing [True]: 148.0° to 198.0° Bearing [Mag]: 135.0° to 185.0°	Distance: Beyond 20.0 NM Altitude: Below 13000.0 Ft.
Restriction:	Bearing [True]: 198.0° to 218.0° Bearing [Mag]: 185.0° to 205.0°	Distance: Beyond 20.0 NM Altitude: Below 13000.0 Ft.
Restriction:	Bearing [True]: 218.0° to 228.0° Bearing [Mag]: 205.0° to 215.0°	Distance: Beyond 10.0 NM Altitude: Below 11800.0 Ft.
Restriction:	Bearing [True]: 218.0° to 273.0° Bearing [Mag]: 205.0° to 260.0°	Distance: Beyond 20.0 NM Altitude: Below 14000.0 Ft.
Restriction:	Bearing [True]: 228.0° to 258.0° Bearing [Mag]: 215.0° to 245.0°	Distance: Beyond 20.0 NM Altitude: Below 14000.0 Ft.
Restriction:	Bearing [True]: 258.0° to 273.0° Bearing [Mag]: 245.0° to 260.0°	Distance: Beyond 10.0 NM Altitude: Below 11800.0 Ft.
ESV:	Bearing [True]: 311.0° to 323.0° Bearing [Mag]: 298.0° to 310.0°	Arc Distance: Out to 96.0 NM Altitude: 12300.0 to 22000.0 Ft.
ESV:	Bearing [True]: 288.0° to 291.0° Bearing [Mag]: 255.0° to 278.0°	Arc Distance: Out to 72.0 NM Altitude: 13300.0 to 22000.0 Ft.
ESV:	Bearing [True]: 290.0° to 320.0° Bearing [Mag]: 277.0° to 307.0°	Arc Distance: Out to 65.0 NM Altitude: 13000.0 to 25000.0 Ft.
ESV:	Bearing [True]: 90.0° to 146.0° Bearing [Mag]: 77.0° to 133.0°	Arc Distance: Out to 65.0 NM Altitude: 13000.0 to 30000.0 Ft.
ESV:	Bearing [True]: 29.0° to 87.0° Bearing [Mag]: 16.0° to 74.0°	Arc Distance: Out to 115.0 NM Altitude: 13000.0 to 30000.0 Ft.
ESV:	Bearing [True]: 122.0° to 251.0° Bearing [Mag]: 109.0° to 238.0°	Arc Distance: Out to 75.0 NM Altitude: 14000.0 to 25000.0 Ft.
ESV:	Bearing [True]: 290.0° to 320.0° Bearing [Mag]: 277.0° to 307.0°	Arc Distance: Out to 65.0 NM Altitude: 8000.0 to 25000.0 Ft.
ESV:	Bearing [True]: 275.0° to 309.0° Bearing [Mag]: 262.0° to 296.0°	Arc Distance: Out to 70.0 NM Altitude: 11500.0 to 23000.0 Ft.
ESV:	Bearing [True]: 127.0° to 149.0° Bearing [Mag]: 114.0° to 136.0°	Arc Distance: Out to 91.0 NM Altitude: 16000.0 to 22000.0 Ft.

DME/DME (Continued.)

Return To Summary

User DMEs (Continued.)

#	Name	Lat/Lon/MAGVAR	Range	Elevation [Ft]	Frequency	Replaces:	Status
13	CNM	N 32° 15' 23.80" W 104° 13' 33.80" E 12	L	3250.0	116.30	CNM	Not Used
		ESV:	Bearing [True]: 328.0° to 355.0° Bearing [Mag]: 316.0° to 343.0°		Arc Distance: Out to 125.0 NM Altitude: 13000.0 to 30000.0 Ft.		
		ESV:	Bearing [True]: 326.0° to 358.0° Bearing [Mag]: 314.0° to 346.0°		Arc Distance: Out to 105.0 NM Altitude: 10000.0 to 25000.0 Ft.		
		ESV:	Bearing [True]: 335.0° to 53.0° Bearing [Mag]: 323.0° to 41.0°		Arc Distance: Out to 35.0 NM Altitude: 7500.0 to 22000.0 Ft.		
14	TXO	N 34° 29' 42.46" W 102° 50' 22.79" E 11	H	4060.0	112.20	TXO	Not Used
		ESV:	Bearing [True]: 265.0° to 290.0° Bearing [Mag]: 254.0° to 279.0°		Arc Distance: Out to 90.0 NM Altitude: 16000.0 to 22000.0 Ft.		
15	TCC	N 35° 10' 55.70" W 103° 35' 54.67" E 12	H	4070.0	113.60	TCC	Used
		ESV:	Bearing [True]: 128.0° to 254.0° Bearing [Mag]: 117.0° to 242.0°		Arc Distance: Out to 115.0 NM Altitude: 13000.0 to 30000.0 Ft.		
		ESV:	Bearing [True]: 132.0° to 233.0° Bearing [Mag]: 120.0° to 221.0°		Arc Distance: Out to 70.0 NM Altitude: 16000.0 to 22000.0 Ft.		
		ESV:	Bearing [True]: 257.0° to 304.0° Bearing [Mag]: 245.0° to 292.0°		Arc Distance: Out to 45.0 NM Altitude: 10000.0 to 25000.0 Ft.		
16	FTI	N 35° 39' 27.26" W 105° 8' 8.12" E 13	H	6870.0	117.30	FTI	Used
		Restriction:	Bearing [True]: 266.0° to 278.0° Bearing [Mag]: 253.0° to 265.0°		Distance: Beyond 0.0 NM Altitude: Below 99999.0 Ft.		
		ESV:	Bearing [True]: 216.0° to 244.0° Bearing [Mag]: 203.0° to 231.0°		Arc Distance: Out to 105.0 NM Altitude: 13000.0 to 25000.0 Ft.		
		ESV:	Bearing [True]: 81.0° to 236.0° Bearing [Mag]: 68.0° to 223.0°		Arc Distance: Out to 45.0 NM Altitude: 10000.0 to 25000.0 Ft.		
		ESV:	Bearing [True]: 141.0° to 207.0° Bearing [Mag]: 128.0° to 194.0°		Arc Distance: Out to 85.0 NM Altitude: 16000.0 to 22000.0 Ft.		

DME/DME (Continued.)

Return To Summary

User DMEs (Continued.)

#	Name	Lat/Lon/MAGVAR	Range	Elevation (Ft)	Frequency	Replaces	Status
8	SJN	N 34° 25' 26.55" W 106° 8' 36.71" E 12	H	6840.0	112.30	SJN	Not Used
		ESV	Bearing [True]: 358.0° to 69.0° Bearing [Mag]: 346.0° to 57.0°		Arc Distance: Out to 103.0 NM Altitude: 15700.0 to 26000.0 Ft		
		ESV	Bearing [True]: 36.0° to 142.0° Bearing [Mag]: 24.0° to 130.0°		Arc Distance: Out to 110.0 NM Altitude: 15600.0 to 26000.0 Ft		
		ESV	Bearing [True]: 74.0° to 106.0° Bearing [Mag]: 62.0° to 94.0°		Arc Distance: Out to 58.0 NM Altitude: 13000.0 to 25000.0 Ft		
		ESV	Bearing [True]: 57.0° to 105.0° Bearing [Mag]: 46.0° to 93.0°		Arc Distance: Out to 95.0 NM Altitude: 18000.0 to 22000.0 Ft		
		ESV	Bearing [True]: 347.0° to 58.0° Bearing [Mag]: 335.0° to 46.0°		Arc Distance: Out to 71.0 NM Altitude: 13000.0 to 25000.0 Ft		
9	TCS	N 33° 16' 57.01" W 107° 16' 49.86" E 13	H	4905.0	112.70	TCS	Used
		ESV	Bearing [True]: 13.0° to 24.0° Bearing [Mag]: 0.0° to 11.0°		Arc Distance: Out to 87.0 NM Altitude: 13600.0 to 30000.0 Ft		
		ESV	Bearing [True]: 315.0° to 334.0° Bearing [Mag]: 302.0° to 321.0°		Arc Distance: Out to 100.0 NM Altitude: 13000.0 to 25000.0 Ft		
		ESV	Bearing [True]: 18.0° to 94.0° Bearing [Mag]: 6.0° to 81.0°		Arc Distance: Out to 115.0 NM Altitude: 13000.0 to 30000.0 Ft		
10	BWS	N 32° 49' 16.52" W 106° 0' 47.35" E 11	L	4100.0	108.60	BWS	Not Used
		Restriction	Bearing [True]: 76.0° to 111.0° Bearing [Mag]: 66.0° to 100.0°		Distance: Beyond 15.0 NM Altitude: Below 99999.0 Ft		
		ESV	Bearing [True]: 334.0° to 341.0° Bearing [Mag]: 323.0° to 330.0°		Arc Distance: Out to 108.0 NM Altitude: 17000.0 to 24000.0 Ft		
11	ZUN	N 34° 57' 56.71" W 109° 9' 18.24" E 14	H	6550.0	113.40	ZUN	Not Used
		Restriction	Bearing [True]: 319.0° to 349.0° Bearing [Mag]: 305.0° to 335.0°		Distance: Beyond 15.0 NM Altitude: Below 99999.0 Ft		
		ESV	Bearing [True]: 112.0° to 147.0° Bearing [Mag]: 98.0° to 133.0°		Arc Distance: Out to 76.0 NM Altitude: 17000.0 to 22000.0 Ft		
		ESV	Bearing [True]: 113.0° to 163.0° Bearing [Mag]: 99.0° to 149.0°		Arc Distance: Out to 85.0 NM Altitude: 16000.0 to 22000.0 Ft		
12	HOB	N 32° 38' 17.64" W 103° 16' 9.53" E 11	L	3660.0	111.00	HOB	Used
		ESV	Bearing [True]: 292.0° to 316.0° Bearing [Mag]: 281.0° to 306.0°		Arc Distance: Out to 125.0 NM Altitude: 13000.0 to 30000.0 Ft		
		ESV	Bearing [True]: 294.0° to 313.0° Bearing [Mag]: 283.0° to 302.0°		Arc Distance: Out to 105.0 NM Altitude: 10000.0 to 25000.0 Ft		

DME/DME (Continued.)

Return To Summary

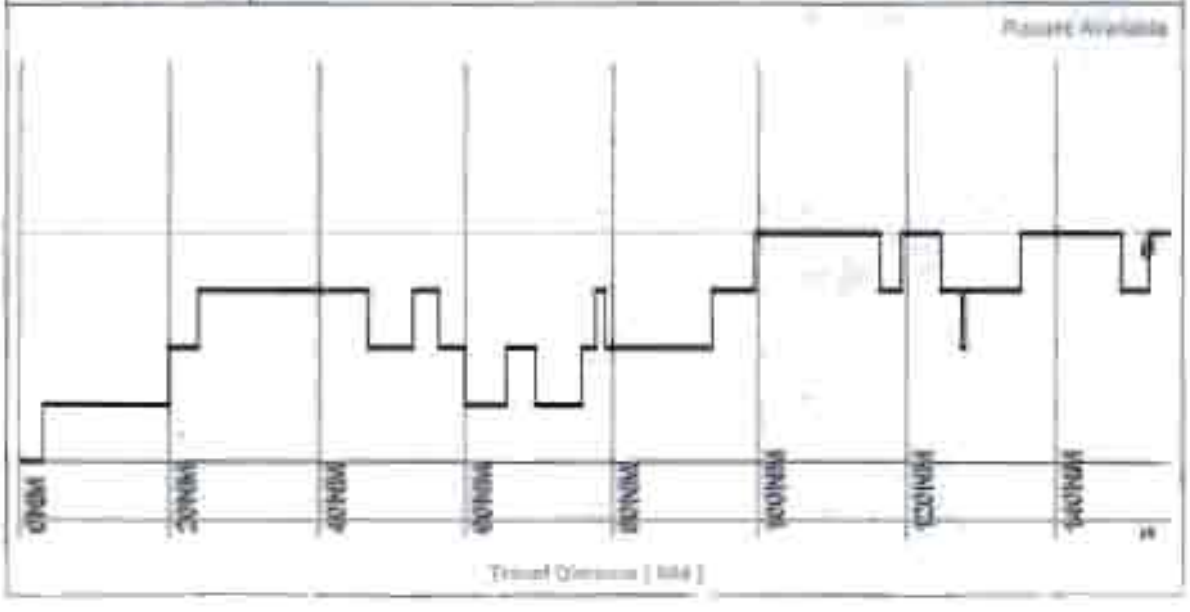
User DMEs (Continued.)

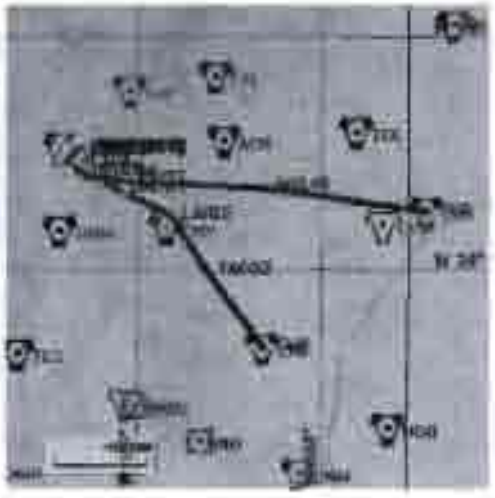
#	Name	Lat/Lon/MAGVAR	Range	Elevation [Ft]	Frequency	Replaces:	Status
17	CME	N 33° 20' 14.92" W 104° 37' 16.46" E 12	H	3771.8	116.10	CME	Used
	Restriction:	Bearing [True]: 72.0° to 152.0° Bearing [Mag]: 60.0° to 140.0°			Distance: Beyond 20.0 NM Altitude: Below 7000.0 Ft.		
	Restriction:	Bearing [True]: 153.0° to 227.0° Bearing [Mag]: 141.0° to 215.0°			Distance: Beyond 20.0 NM Altitude: Below 8000.0 Ft.		
	ESV:	Bearing [True]: 372.0° to 55.0° Bearing [Mag]: 0.0° to 43.0°			Arc Distance: Out to 130.0 NM Altitude: 16000.0 to 22000.0 Ft.		
	ESV:	Bearing [True]: 310.0° to 332.0° Bearing [Mag]: 298.0° to 320.0°			Arc Distance: Out to 110.0 NM Altitude: 13000.0 to 30000.0 Ft.		
	ESV:	Bearing [True]: 333.0° to 54.0° Bearing [Mag]: 321.0° to 42.0°			Arc Distance: Out to 115.0 NM Altitude: 13000.0 to 30000.0 Ft.		
	ESV:	Bearing [True]: 302.0° to 54.0° Bearing [Mag]: 290.0° to 42.0°			Arc Distance: Out to 115.0 NM Altitude: 13000.0 to 30000.0 Ft.		
18	DHT	N 36° 5' 29.25" W 102° 32' 40.70" E 12	L	4020.0	112.00	DHT	Not Used
	ESV:	Bearing [True]: 206.0° to 232.0° Bearing [Mag]: 194.0° to 220.0°			Arc Distance: Out to 104.0 NM Altitude: 10000.0 to 25000.0 Ft.		
19	ALS	N 37° 20' 58.97" W 105° 45' 55.93" E 13	H	7535.0	113.90	ALS	Not Used
	Restriction:	Bearing [True]: 38.0° to 58.0° Bearing [Mag]: 25.0° to 45.0°			Distance: Beyond 25.0 NM Altitude: Below 15900.0 Ft.		
	Restriction:	Bearing [True]: 193.0° to 193.0° Bearing [Mag]: 180.0° to 180.0°			Distance: Beyond 35.0 NM Altitude: Below 11600.0 Ft.		
	ESV:	Bearing [True]: 200.0° to 222.0° Bearing [Mag]: 187.0° to 209.0°			Arc Distance: Out to 60.0 NM Altitude: 10000.0 to 25000.0 Ft.		
20	TAS	N 36° 36' 31.57" W 105° 54' 22.75" E 13	L	7860.0	117.60	TAS	Not Used
	Restriction:	Bearing [True]: 33.0° to 113.0° Bearing [Mag]: 20.0° to 100.0°			Distance: Beyond 30.0 NM Altitude: Below 18000.0 Ft.		
	Restriction:	Bearing [True]: 273.0° to 343.0° Bearing [Mag]: 260.0° to 330.0°			Distance: Beyond 30.0 NM Altitude: Below 17000.0 Ft.		
	ESV:	Bearing [True]: 223.0° to 323.0° Bearing [Mag]: 210.0° to 310.0°			Arc Distance: Out to 70.0 NM Altitude: 10000.0 to 25000.0 Ft.		
21	INW	N 35° 3' 41.77" W 110° 47' 42.09" E 14	H	4910.0	112.60	INW	Not Used
	ESV:	Bearing [True]: 104.0° to 122.0° Bearing [Mag]: 90.0° to 108.0°			Arc Distance: Out to 125.0 NM Altitude: 14000.0 to 25000.0 Ft.		

Radar Analysis

Return To Summary

Settings: **Radar Types:** ARSR and ASR





Name:	DAVE COOK
Project Name:	KABQ DOOKK1 SID
Output File:	KABQ SID RW26 TXO 20120328_0639
Software:	RNAV-Pro™
Version:	2.36q
Date/Time:	3/28/2012 6:39:28 AM
Input File:	DOOKK DEPARTURE RW26 TXO 20111107.txt
Databases:	AVNIS Date: 08/26/2011
	Obstacle Date: 08/26/2011
	NFD Date: 08/30/2010
	DTED® (MAX) Date: 2002

Results Summary:

Flyability	✔ Please Check Flyability Results
DME/DME	✔
Radars	✔
Comms	?
TERPS	?

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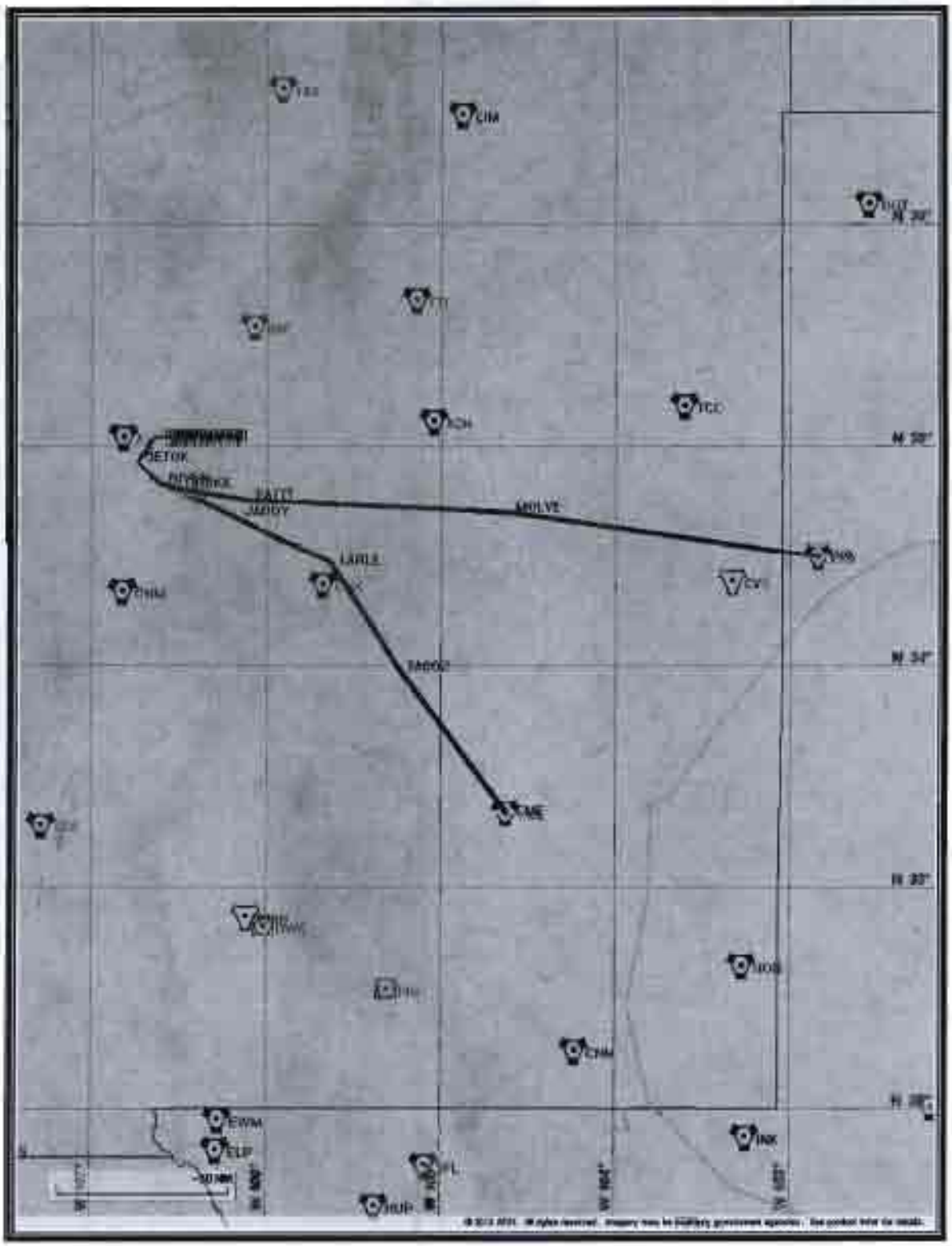

CIM
TCC
ETOK
MOLVE
LARLS
N 34°
W 104°

Flight Plan

Return To Summary

Name	Type	Lat/Lon	Alt [Ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
RW26(A...	WP	N 35° 2' 38.63" W 106° 34' 31.89"	5354.9	VNAV	0.0	Fly Over	TF
RW08(D...	WP	N 35° 2' 39.67" W 106° 37' 17.72"	5346.9	VNAV	130.0	Fly Over	VA
GH26:	WP	N 35° 2' 40.15" W 106° 38' 37.82"	5860.0	VNAV	145.0	Fly Over	DF
JETOK	WP	N 34° 55' 44.71" W 106° 44' 13.56"	8000.0	VNAV	250.0	Fly By	TF
BIYEN	WP	N 34° 50' 2.55" W 106° 36' 56.72"	10000.0	VNAV	180.0	Fly By	TF
DOOKK	WP	N 34° 48' 39.84" W 106° 31' 20.50"	11500.0	VNAV	210.0	Fly By	TF
FATTT	WP	N 34° 45' 25.58" W 106° 7' 5.31"	15547.3	VNAV	210.0	Fly By	TF
MOLVE	WP	N 34° 42' 9.66" W 104° 37' 36.74"	18000.0	VNAV	240.0	Fly By	TF
TXO	WP	N 34° 29' 42.46" W 102° 50' 22.79"	18000.0	VNAV	240.0	Fly Over	TF
Climb Gradient: 500.0 Ft/NM up to 9000.0 Ft MSL							

Flyability	Return To Summary
Settings:	**Flight Type:** Runway Departure **Selected Airport:** KABQ **Aircraft Category:** Cat D **Climb Gradient:** 500.0 Ft/NM up to 9000.0 Ft MSL **Ground Speeds:** Departure: **120.0 Kts** out to **10.0 NM** Table: **200.0 Kts** up to **11000.0 Ft.** **240.0 Kts** up to **18000.0 Ft.** **260.0 Kts** up to **24000.0 Ft.** **340.0 Kts** up to **99900.0 Ft.** **Wind Settings:** *None assigned* **Descent During a Turn:** Allowed **VNAV Mode:** Flight Plan

Aircraft ALTITUDE at Fly-By WP JETOK too high.

Required IAS at Fly-By WP DOOKK could not be reached with given A/C acceleration performance.

Required IAS at Fly-By WP MOLVE could not be reached with given A/C acceleration performance.

Flight Track comes into contact with terrain. Minimum AGL along route was -12.95 Ft.
Flight Track contacted terrain (DTED lvl 0 max) between AER and DER or within 2/3 NM of DER.

DME/DME

Return To Summary

Settings:

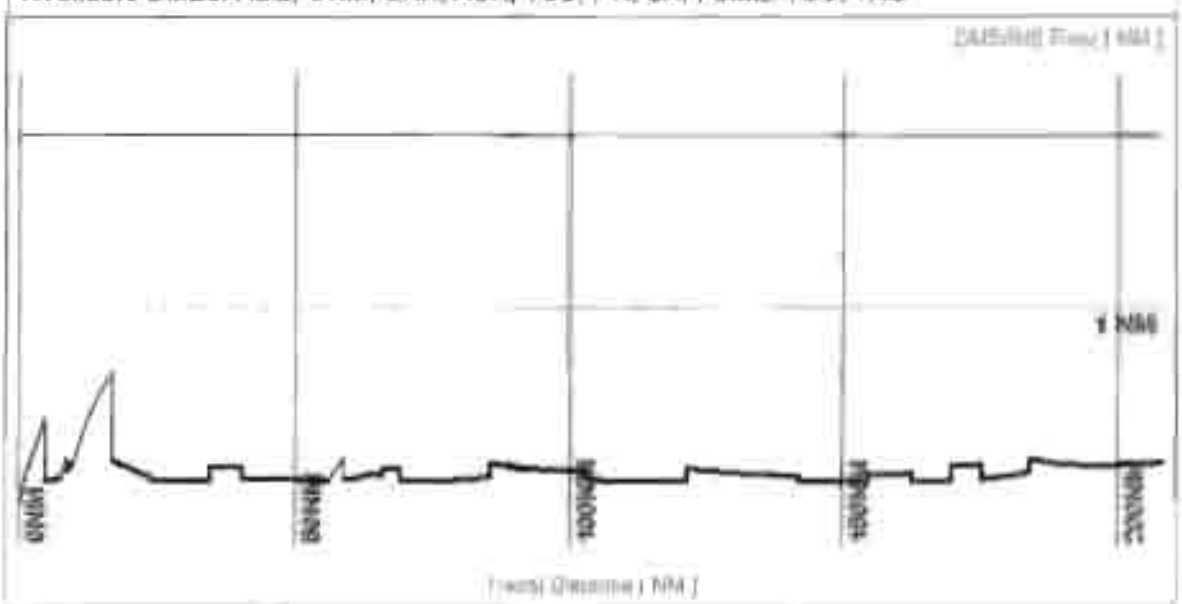
RNP: 2.0
Flight Mode: Manual
Line of Sight (DTED Level 0 Max): Evaluated
DME Restrictions: Evaluated
Inertial Drift: Enabled
Initial Drift: 0.165 NM
INS Drift Rate: 8.000 NM/Hour
Range Mode: OSV
Co-Frequencies: Evaluated
RNP Edges: Evaluated
Min DME Range: 3.0 NM
Allowed Gap Length: 4.0 NM
DME Types: VOR/DME , VORTAC , TACAN , and User
DME Include Angles: 30 to 150
Critical DMEs: Allowed
DoD Facilities: Not included
Foreign Facilities: Not included
Low & Terminal DMEs: Included
Flight Check DMEs: Selected
Higher Altitudes: Evaluated
Near Maximum Altitude: Evaluated
Minimum MSL DMEs Avail: 6562 Ft

Total Number of DMEs Used: 9

Maximum DME Error: 0.727 NM.

2 Critical DMEs were found.

Available DMEs: ABQ, ONM, CNX, ACH, TCS, FTI, SAF, CME, TCC, TXO



DME/DME (Continued.)

Return To Summary

DMEs Used

#	Name	Lat/Lon/MAGVAR	Range	Source	Critical	Err. [NM]	Status	Time	Distance
1	ONM	N 34° 20' 20.04" W 106° 49' 13.69" E 13	H + ESV	User	YES	1.821	Enabled	12.3 %	10.3 %
2	ABQ	N 35° 2' 37.66" W 106° 48' 58.72" E 13	H + ESV	User	YES	Drift Time	Enabled	19.0 %	17.5 %
3	CNX	N 34° 22' 1.26" W 105° 40' 40.82" E 13	H + ESV	User	NO	0.762	Enabled	28.9 %	30.6 %
4	TCS	N 33° 16' 57.01" W 107° 16' 49.95" E 13	H + ESV	User	NO	0.727	Enabled	2.7 %	2.8 %
5	FTI	N 35° 39' 27.26" W 105° 8' 5.12" E 13	H + ESV	User	NO	0.727	Enabled	13.8 %	14.8 %
6	ACH	N 35° 6' 42.19" W 105° 2' 23.79" E 12	H + ESV	User	NO	0.727	Enabled	20.5 %	22.3 %
7	CME	N 33° 20' 14.92" W 104° 31' 16.46" E 12	H + ESV	User	NO	0.777	Enabled	31.8 %	35.4 %
8	TCC	N 35° 10' 55.70" W 103° 35' 54.67" E 12	H + ESV	User	NO	0.805	Enabled	30.5 %	34.2 %
9	TXO	N 34° 29' 42.46" W 102° 50' 22.79" E 11	H + ESV	User	NO	0.727	Enabled	15.2 %	17.3 %

Flight Check DME Selection

Distance [NM]	Selected DMEs					Alternate
0.0						
2.3	ABQ					
3.3	ABQ	ONM				
11.3	ABQ	ONM				
19.3	ABQ	ONM	CNX			
24.3	ABQ	ONM	CNX	ACH	TCS	
34.4	ABQ	ONM	CNX	FTI	TCS	ACH
44.5	ABQ	ACH	CNX	FTI	CME	TCS
65.3	TCC	ACH	CNX	FTI	CME	
116.4	TXO	ACH	CNX	FTI	CME	TCC
132.8	TXO	ACH	CNX	TCC	CME	FTI

DME/DME (Continued.)

Return To Summary

Inertial Drift Segments

#	Start Location	End Location	Length [NM]
1	N 35° 2' 38.63" W 106° 34' 31.89"	N 35° 1' 47.14" W 106° 39' 40.21"	4.7
	VOR: ABQ	Available from N 35° 2' 38.63" W 106° 34' 31.89" to N 35° 1' 47.14" W 106° 39' 40.21"	
	VOR: OTO	Available from N 35° 2' 38.63" W 106° 34' 31.89" to N 35° 1' 47.14" W 106° 39' 40.21"	
	VOR: SAF	Available from N 35° 2' 38.63" W 106° 34' 31.89" to N 35° 2' 39.42" W 106° 36' 35.38"	
2	N 34° 59' 27.60" W 106° 41' 25.55"	N 34° 58' 28.03" W 106° 42' 10.48"	1.2
	VOR: ABQ	Available from N 34° 59' 27.60" W 106° 41' 25.55" to N 34° 58' 28.03" W 106° 42' 10.48"	
	VOR: ONM	Available from N 34° 59' 27.60" W 106° 41' 25.55" to N 34° 58' 28.03" W 106° 42' 10.48"	
	VOR: OTO	Available from N 34° 59' 27.60" W 106° 41' 25.55" to N 34° 58' 28.03" W 106° 42' 10.48"	
3	N 34° 57' 26.71" W 106° 42' 56.71"	N 34° 52' 15.22" W 106° 39' 46.16"	6.9
	VOR: ABQ	Available from N 34° 57' 26.71" W 106° 42' 56.71" to N 34° 52' 15.22" W 106° 39' 46.16"	
	VOR: ONM	Available from N 34° 57' 26.71" W 106° 42' 56.71" to N 34° 52' 15.22" W 106° 39' 46.16"	
	VOR: OTO	Available from N 34° 57' 26.71" W 106° 42' 56.71" to N 34° 52' 15.22" W 106° 39' 46.16"	
4	N 34° 44' 59.89" W 105° 53' 37.87"	N 34° 44' 53.37" W 105° 50' 14.15"	2.8
	VOR: CNX	Available from N 34° 44' 59.89" W 105° 53' 37.87" to N 34° 44' 53.37" W 105° 50' 14.15"	
	VOR: OTO	Available from N 34° 44' 59.89" W 105° 53' 37.87" to N 34° 44' 53.37" W 105° 50' 14.15"	

DME/DME (Continued.)

Return To Summary

User DMEs

#	Name	Lat/Lon/MAGVAR	Range	Elevation [Ft]	Frequency	Replaces:	Status
1	RSK	N 36° 44' 54.21" W 108° 5' 56.04" E 14	H	5823.1	115.30	RSK	Not Used
		ESV:	Bearing [True]: 76.0° to 144.0° Bearing [Mag]: 62.0° to 130.0°		Arc Distance: Out to 105.0 NM Altitude: 16800.0 to 24000.0 Ft.		
		ESV:	Bearing [True]: 118.0° to 143.0° Bearing [Mag]: 104.0° to 129.0°		Arc Distance: Out to 97.0 NM Altitude: 16600.0 to 22000.0 Ft.		
		ESV:	Bearing [True]: 158.0° to 207.0° Bearing [Mag]: 144.0° to 193.0°		Arc Distance: Out to 110.0 NM Altitude: 16000.0 to 24000.0 Ft.		
		ESV:	Bearing [True]: 115.0° to 165.0° Bearing [Mag]: 101.0° to 151.0°		Arc Distance: Out to 95.0 NM Altitude: 12000.0 to 25000.0 Ft.		
2	ONM	N 34° 20' 20.04" W 106° 49' 13.69" E 13	H	4910.0	116.80	ONM	Used
		ESV:	Bearing [True]: 354.0° to 14.0° Bearing [Mag]: 341.0° to 1.0°		Arc Distance: Out to 126.0 NM Altitude: 13900.0 to 24000.0 Ft.		missing
		ESV:	Bearing [True]: 355.0° to 37.0° Bearing [Mag]: 342.0° to 24.0°		Arc Distance: Out to 67.0 NM Altitude: ~~7000.0 to 20000.0~~ Ft.		
		ESV:	Bearing [True]: 302.0° to 371.0° Bearing [Mag]: 289.0° to 358.0°		Arc Distance: Out to 76.0 NM Altitude: 7400.0 to 20000.0 Ft.		
		ESV:	Bearing [True]: 269.0° to 362.0° Bearing [Mag]: 256.0° to 349.0°		Arc Distance: Out to 83.0 NM Altitude: 13000.0 to 25000.0 Ft.		
		ESV:	Bearing [True]: 364.0° to 52.0° Bearing [Mag]: 351.0° to 39.0°		Arc Distance: Out to 45.0 NM Altitude: 6500.0 to 25000.0 Ft.		
		ESV:	Bearing [True]: 352.0° to 14.0° Bearing [Mag]: 339.0° to 1.0°		Arc Distance: Out to 105.0 NM Altitude: 10000.0 to 25000.0 Ft.		
		ESV:	Bearing [True]: 353.0° to 20.0° Bearing [Mag]: 340.0° to 7.0°		Arc Distance: Out to 50.0 NM Altitude: 7500.0 to 22000.0 Ft.		
		ESV:	Bearing [True]: 333.0° to 25.0° Bearing [Mag]: 320.0° to 12.0°		Arc Distance: Out to 65.0 NM Altitude: 12000.0 to 25000.0 Ft.		

DME/DME (Continued.)

Return To Summary

User DMEs (Continued.)

#	Name	Lat/Lon/MAGVAR	Range	Elevation [Ft]	Frequency	Replaces:	Status
3	ABQ	N 35° 2' 37.66" W 106° 48' 58.72" E 13	H	5748.5	113.20	ABQ	Used
	Restriction:	Bearing [True]: 53.0° to 68.0° Bearing [Mag]: 40.0° to 55.0°			Distance: Beyond 30.0 NM Altitude: Below 16000.0 Ft.		
	ESV:	Bearing [True]: 316.0° to 26.0° Bearing [Mag]: 303.0° to 15.0°			Arc Distance: Out to 82.0 NM Altitude: 9900.0 to 22000.0 Ft.		
	ESV:	Bearing [True]: 68.0° to 254.0° Bearing [Mag]: 55.0° to 241.0°			Arc Distance: Out to 117.0 NM Altitude: 16000.0 to 24000.0 Ft.		
	ESV:	Bearing [True]: 111.0° to 177.0° Bearing [Mag]: 98.0° to 164.0°			Arc Distance: Out to 35.0 NM Altitude: 13000.0 to 25000.0 Ft.		
	ESV:	Bearing [True]: 40.0° to 80.0° Bearing [Mag]: 27.0° to 67.0°			Arc Distance: Out to 29.0 NM Altitude: 10000.0 to 29000.0 Ft.		
	ESV:	Bearing [True]: 345.0° to 45.0° Bearing [Mag]: 332.0° to 32.0°			Arc Distance: Out to 65.0 NM Altitude: 10000.0 to 25000.0 Ft.		
	ESV:	Bearing [True]: 111.0° to 185.0° Bearing [Mag]: 98.0° to 172.0°			Arc Distance: Out to 35.0 NM Altitude: 7000.0 to 25000.0 Ft.		
4	GUP	N 35° 28' 33.60" W 108° 52' 21.40" E 14	H	7053.1	115.10	GUP	Not Used
	ESV:	Bearing [True]: 18.0° to 87.0° Bearing [Mag]: 4.0° to 53.0°			Arc Distance: Out to 97.0 NM Altitude: 15000.0 to 30000.0 Ft.		
	ESV:	Bearing [True]: 106.0° to 114.0° Bearing [Mag]: 92.0° to 100.0°			Arc Distance: Out to 75.0 NM Altitude: 17000.0 to 22000.0 Ft.		
	ESV:	Bearing [True]: 123.0° to 193.0° Bearing [Mag]: 109.0° to 179.0°			Arc Distance: Out to 100.0 NM Altitude: 17000.0 to 22000.0 Ft.		
	ESV:	Bearing [True]: 22.0° to 69.0° Bearing [Mag]: 8.0° to 55.0°			Arc Distance: Out to 100.0 NM Altitude: 12000.0 to 25000.0 Ft.		
	ESV:	Bearing [True]: 125.0° to 195.0° Bearing [Mag]: 111.0° to 181.0°			Arc Distance: Out to 102.0 NM Altitude: 14000.0 to 25000.0 Ft.		
	ESV:	Bearing [True]: 119.0° to 211.0° Bearing [Mag]: 105.0° to 197.0°			Arc Distance: Out to 58.0 NM Altitude: 13000.0 to 25000.0 Ft.		

DME/DME (Continued.)

Return To Summary

User DMEs (Continued.)

#	Name	Lat/Lon/MAGVAR	Range	Elevation [Ft]	Frequency	Replaces:	Status
5	CNX	N 34° 22' 1.26" W 105° 40' 40.82" E 13	H	6412.0	115.50	CNX	Used

Restriction:	Bearing [True]: 128.0° to 132.0° Bearing [Mag]: 115.0° to 119.0°	Distance: Beyond 25.0 NM Altitude: Below 10000.0 Ft.
Restriction:	Bearing [True]: 128.0° to 148.0° Bearing [Mag]: 115.0° to 135.0°	Distance: Beyond 35.0 NM Altitude: Below 10000.0 Ft.
Restriction:	Bearing [True]: 132.0° to 134.0° Bearing [Mag]: 119.0° to 121.0°	Distance: Beyond 10.0 NM Altitude: Below 11800.0 Ft.
Restriction:	Bearing [True]: 134.0° to 148.0° Bearing [Mag]: 121.0° to 135.0°	Distance: Beyond 25.0 NM Altitude: Below 10000.0 Ft.
Restriction:	Bearing [True]: 148.0° to 198.0° Bearing [Mag]: 135.0° to 185.0°	Distance: Beyond 20.0 NM Altitude: Below 12000.0 Ft.
Restriction:	Bearing [True]: 198.0° to 218.0° Bearing [Mag]: 185.0° to 205.0°	Distance: Beyond 20.0 NM Altitude: Below 13000.0 Ft.
Restriction:	Bearing [True]: 218.0° to 228.0° Bearing [Mag]: 205.0° to 215.0°	Distance: Beyond 10.0 NM Altitude: Below 11800.0 Ft.
Restriction:	Bearing [True]: 218.0° to 273.0° Bearing [Mag]: 205.0° to 260.0°	Distance: Beyond 20.0 NM Altitude: Below 14000.0 Ft.
Restriction:	Bearing [True]: 228.0° to 258.0° Bearing [Mag]: 215.0° to 245.0°	Distance: Beyond 20.0 NM Altitude: Below 14000.0 Ft.
Restriction:	Bearing [True]: 258.0° to 273.0° Bearing [Mag]: 245.0° to 260.0°	Distance: Beyond 10.0 NM Altitude: Below 11800.0 Ft.
ESV:	Bearing [True]: 311.0° to 323.0° Bearing [Mag]: 298.0° to 310.0°	Arc Distance: Out to 96.0 NM Altitude: 12300.0 to 22000.0 Ft.
ESV:	Bearing [True]: 268.0° to 291.0° Bearing [Mag]: 255.0° to 278.0°	Arc Distance: Out to 72.0 NM Altitude: 13300.0 to 22000.0 Ft.
ESV:	Bearing [True]: 290.0° to 320.0° Bearing [Mag]: 277.0° to 307.0°	Arc Distance: Out to 65.0 NM Altitude: 13000.0 to 25000.0 Ft.
ESV:	Bearing [True]: 90.0° to 146.0° Bearing [Mag]: 77.0° to 133.0°	Arc Distance: Out to 65.0 NM Altitude: 13000.0 to 30000.0 Ft.
ESV:	Bearing [True]: 29.0° to 87.0° Bearing [Mag]: 16.0° to 74.0°	Arc Distance: Out to 115.0 NM Altitude: 13000.0 to 30000.0 Ft.
ESV:	Bearing [True]: 122.0° to 251.0° Bearing [Mag]: 109.0° to 238.0°	Arc Distance: Out to 75.0 NM Altitude: 14000.0 to 25000.0 Ft.
ESV:	Bearing [True]: 290.0° to 320.0° Bearing [Mag]: 277.0° to 307.0°	Arc Distance: Out to 65.0 NM Altitude: 8000.0 to 25000.0 Ft.
ESV:	Bearing [True]: 275.0° to 309.0° Bearing [Mag]: 262.0° to 296.0°	Arc Distance: Out to 70.0 NM Altitude: 11500.0 to 23000.0 Ft.
ESV:	Bearing [True]: 127.0° to 149.0° Bearing [Mag]: 114.0° to 136.0°	Arc Distance: Out to 91.0 NM Altitude: 16000.0 to 22000.0 Ft.

DME/DME (Continued.)

Return To Summary

User DMEs (Continued.)

#	Name	Lat/Lon/MAGVAR	Range	Elevation [Ft]	Frequency	Replaces:	Status
6	ACH	N 35° 6' 42.19" W 105° 2' 23.79" E 12	H	5445.0	117.80	ACH	Used
		ESV:	Bearing [True]: 281.0° to 288.0° Bearing [Mag]: 269.0° to 276.0°		Arc Distance: Out to 98.0 NM Altitude: 15100.0 to 20000.0 Ft.		
		ESV:	Bearing [True]: 110.0° to 235.0° Bearing [Mag]: 98.0° to 223.0°		Arc Distance: Out to 115.0 NM Altitude: 13000.0 to 30000.0 Ft.		
		ESV:	Bearing [True]: 239.0° to 270.0° Bearing [Mag]: 227.0° to 258.0°		Arc Distance: Out to 100.0 NM Altitude: 13000.0 to 25000.0 Ft.		
		ESV:	Bearing [True]: 160.0° to 242.0° Bearing [Mag]: 148.0° to 230.0°		Arc Distance: Out to 130.0 NM Altitude: 16000.0 to 22000.0 Ft.		
7	SAF	N 35° 32' 25.94" W 106° 3' 53.81" E 13	L	6263.2	110.60	SAF	Not Used
		Restriction:	Bearing [True]: 28.0° to 43.0° Bearing [Mag]: 15.0° to 30.0°		Distance: Beyond 30.0 NM Altitude: Below 14600.0 Ft.		
		ESV:	Bearing [True]: 246.0° to 256.0° Bearing [Mag]: 233.0° to 243.0°		Arc Distance: Out to 45.0 NM Altitude: 12800.0 to 26000.0 Ft.		
		ESV:	Bearing [True]: 238.0° to 305.0° Bearing [Mag]: 225.0° to 292.0°		Arc Distance: Out to 45.0 NM Altitude: 9000.0 to 25000.0 Ft.		
		ESV:	Bearing [True]: 245.0° to 255.0° Bearing [Mag]: 232.0° to 242.0°		Arc Distance: Out to 68.0 NM Altitude: 14000.0 to 26000.0 Ft.		
		ESV:	Bearing [True]: 210.0° to 233.0° Bearing [Mag]: 197.0° to 220.0°		Arc Distance: Out to 102.0 NM Altitude: 13000.0 to 25000.0 Ft.		
		ESV:	Bearing [True]: 203.0° to 220.0° Bearing [Mag]: 190.0° to 207.0°		Arc Distance: Out to 74.0 NM Altitude: 13000.0 to 25000.0 Ft.		
		ESV:	Bearing [True]: 183.0° to 230.0° Bearing [Mag]: 170.0° to 217.0°		Arc Distance: Out to 65.0 NM Altitude: 13000.0 to 25000.0 Ft.		
		ESV:	Bearing [True]: 81.0° to 236.0° Bearing [Mag]: 68.0° to 223.0°		Arc Distance: Out to 45.0 NM Altitude: 10000.0 to 25000.0 Ft.		
		ESV:	Bearing [True]: 275.0° to 310.0° Bearing [Mag]: 262.0° to 297.0°		Arc Distance: Out to 55.0 NM Altitude: 12000.0 to 25000.0 Ft.		
		ESV:	Bearing [True]: 191.0° to 232.0° Bearing [Mag]: 178.0° to 219.0°		Arc Distance: Out to 65.0 NM Altitude: 8000.0 to 25000.0 Ft.		
		ESV:	Bearing [True]: 183.0° to 230.0° Bearing [Mag]: 170.0° to 217.0°		Arc Distance: Out to 65.0 NM Altitude: 7500.0 to 25000.0 Ft.		
		ESV:	Bearing [True]: 205.0° to 221.0° Bearing [Mag]: 192.0° to 208.0°		Arc Distance: Out to 68.0 NM Altitude: 12000.0 to 25000.0 Ft.		

DME/DME (Continued.)

Return To Summary

User DMEs (Continued.)

#	Name	Lat/Lon/MAGVAR	Range	Elevation [Ft]	Frequency	Replaces:	Status
8	SJN	N 34° 25' 26.55" W 109° 8' 36.71" E 12	H	6840.0	112.30	SJN	Not Used
		ESV:	Bearing [True]: 358.0° to 69.0° Bearing [Mag]: 346.0° to 57.0°		Arc Distance: Out to 103.0 NM Altitude: 15100.0 to 26000.0 Ft.		
		ESV:	Bearing [True]: 36.0° to 142.0° Bearing [Mag]: 24.0° to 130.0°		Arc Distance: Out to 110.0 NM Altitude: 15600.0 to 26000.0 Ft.		
		ESV:	Bearing [True]: 74.0° to 106.0° Bearing [Mag]: 62.0° to 94.0°		Arc Distance: Out to 58.0 NM Altitude: 13000.0 to 25000.0 Ft.		
		ESV:	Bearing [True]: 57.0° to 105.0° Bearing [Mag]: 45.0° to 93.0°		Arc Distance: Out to 95.0 NM Altitude: 15000.0 to 22000.0 Ft.		
		ESV:	Bearing [True]: 347.0° to 58.0° Bearing [Mag]: 335.0° to 46.0°		Arc Distance: Out to 71.0 NM Altitude: 13000.0 to 25000.0 Ft.		
9	TCS	N 33° 16' 57.01" W 107° 16' 49.95" E 13	H	4905.0	112.70	TCS	Used
		ESV:	Bearing [True]: 13.0° to 24.0° Bearing [Mag]: 0.0° to 11.0°		Arc Distance: Out to 87.0 NM Altitude: 13800.0 to 20000.0 Ft.		
		ESV:	Bearing [True]: 315.0° to 334.0° Bearing [Mag]: 302.0° to 321.0°		Arc Distance: Out to 100.0 NM Altitude: 13000.0 to 25000.0 Ft.		
		ESV:	Bearing [True]: 19.0° to 94.0° Bearing [Mag]: 6.0° to 81.0°		Arc Distance: Out to 115.0 NM Altitude: 13000.0 to 30000.0 Ft.		
10	BWS	N 32° 49' 16.52" W 106° 0' 47.35" E 11	L	4100.0	109.60	BWS	Not Used
		Restriction:	Bearing [True]: 76.0° to 111.0° Bearing [Mag]: 65.0° to 100.0°		Distance: Beyond 15.0 NM Altitude: Below 99999.0 Ft.		
		ESV:	Bearing [True]: 334.0° to 341.0° Bearing [Mag]: 323.0° to 330.0°		Arc Distance: Out to 108.0 NM Altitude: 17000.0 to 24000.0 Ft.		
11	ZUN	N 34° 57' 56.71" W 109° 9' 16.24" E 14	H	6550.0	113.40	ZUN	Not Used
		Restriction:	Bearing [True]: 319.0° to 349.0° Bearing [Mag]: 305.0° to 335.0°		Distance: Beyond 15.0 NM Altitude: Below 99999.0 Ft.		
		ESV:	Bearing [True]: 112.0° to 147.0° Bearing [Mag]: 98.0° to 133.0°		Arc Distance: Out to 76.0 NM Altitude: 17900.0 to 22000.0 Ft.		
		ESV:	Bearing [True]: 113.0° to 163.0° Bearing [Mag]: 99.0° to 149.0°		Arc Distance: Out to 85.0 NM Altitude: 15000.0 to 22000.0 Ft.		
12	HOB	N 32° 38' 17.64" W 103° 16' 9.53" E 11	L	3660.0	111.00	HOB	Not Used
		ESV:	Bearing [True]: 292.0° to 316.0° Bearing [Mag]: 281.0° to 305.0°		Arc Distance: Out to 125.0 NM Altitude: 13000.0 to 30000.0 Ft.		
		ESV:	Bearing [True]: 294.0° to 313.0° Bearing [Mag]: 283.0° to 302.0°		Arc Distance: Out to 105.0 NM Altitude: 10000.0 to 25000.0 Ft.		

DME/DME (Continued.)

Return To Summary

User DMEs (Continued.)

#	Name	Lat/Lon/MAGVAR	Range	Elevation [Ft]	Frequency	Replaces:	Status
13	CNM	N 32° 15' 23.80" W 104° 13' 33.80" E 12	L	3250.0	116.30	CNM	Not Used
		ESV:	Bearing [True]: 328.0° to 355.0° Bearing [Mag]: 316.0° to 343.0°		Arc Distance: Out to 125.0 NM Altitude: 13000.0 to 30000.0 Ft.		
		ESV:	Bearing [True]: 326.0° to 358.0° Bearing [Mag]: 314.0° to 346.0°		Arc Distance: Out to 105.0 NM Altitude: 10000.0 to 25000.0 Ft.		
		ESV:	Bearing [True]: 335.0° to 53.0° Bearing [Mag]: 323.0° to 41.0°		Arc Distance: Out to 35.0 NM Altitude: 7500.0 to 22000.0 Ft.		
14	TXO	N 34° 29' 42.46" W 102° 50' 22.79" E 11	H	4060.0	112.20	TXO	Used
		ESV:	Bearing [True]: 265.0° to 290.0° Bearing [Mag]: 254.0° to 279.0°		Arc Distance: Out to 90.0 NM Altitude: 16000.0 to 22000.0 Ft.		
15	TCC	N 35° 10' 55.70" W 103° 35' 54.67" E 12	H	4070.0	113.60	TCC	Used
		ESV:	Bearing [True]: 129.0° to 254.0° Bearing [Mag]: 117.0° to 242.0°		Arc Distance: Out to 115.0 NM Altitude: 13000.0 to 30000.0 Ft.		
		ESV:	Bearing [True]: 132.0° to 233.0° Bearing [Mag]: 120.0° to 221.0°		Arc Distance: Out to 70.0 NM Altitude: 16000.0 to 22000.0 Ft.		
		ESV:	Bearing [True]: 257.0° to 304.0° Bearing [Mag]: 245.0° to 292.0°		Arc Distance: Out to 45.0 NM Altitude: 10000.0 to 25000.0 Ft.		
16	FTI	N 35° 39' 27.26" W 105° 8' 8.12" E 13	H	6870.0	117.30	FTI	Used
		Restriction:	Bearing [True]: 266.0° to 278.0° Bearing [Mag]: 253.0° to 265.0°		Distance: Beyond 0.0 NM Altitude: Below 99999.0 Ft.		
		ESV:	Bearing [True]: 216.0° to 244.0° Bearing [Mag]: 203.0° to 231.0°		Arc Distance: Out to 105.0 NM Altitude: 13000.0 to 25000.0 Ft.		
		ESV:	Bearing [True]: 81.0° to 236.0° Bearing [Mag]: 68.0° to 223.0°		Arc Distance: Out to 45.0 NM Altitude: 10000.0 to 25000.0 Ft.		
		ESV:	Bearing [True]: 141.0° to 207.0° Bearing [Mag]: 128.0° to 194.0°		Arc Distance: Out to 85.0 NM Altitude: 16000.0 to 22000.0 Ft.		

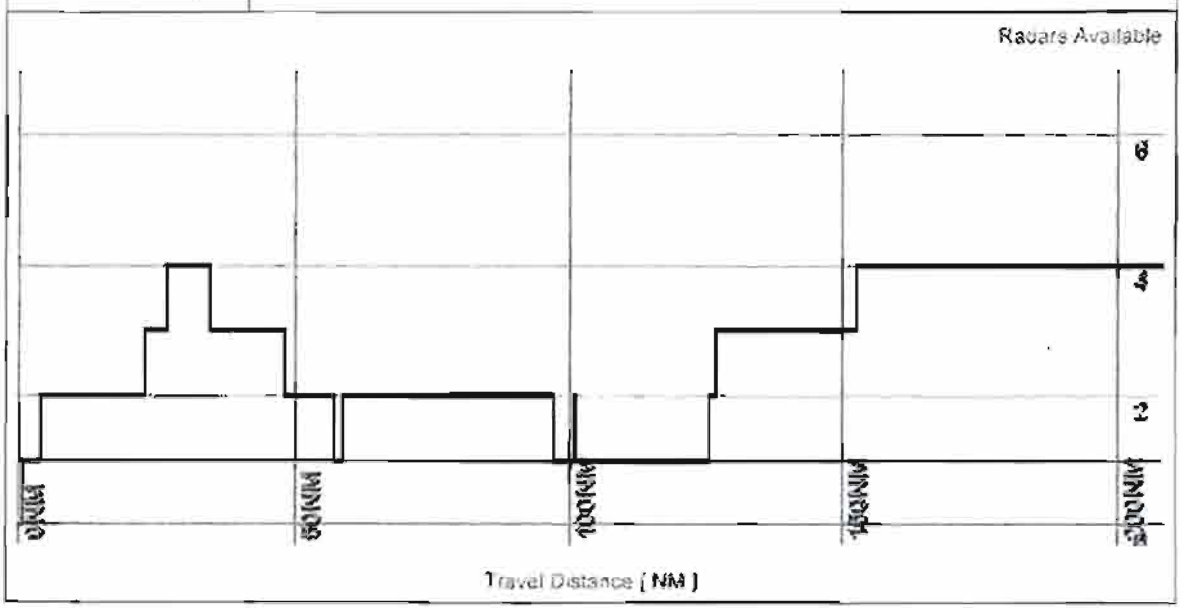
DME/DME (Continued.)

Return To Summary

User DMEs (Continued.)

#	Name	Lat/Lon/MAGVAR	Range	Elevation [Ft]	Frequency	Replaces:	Status
17	CME	N 33° 20' 14.92" W 104° 37' 16.48" E 12	H	3771.8	116.10	CME	Used
	Restriction:	Bearing [True]: 72.0° to 152.0° Bearing [Mag]: 60.0° to 140.0°			Distance: Beyond 20.0 NM Altitude: Below 7000.0 Ft.		
	Restriction:	Bearing [True]: 153.0° to 227.0° Bearing [Mag]: 141.0° to 215.0°			Distance: Beyond 20.0 NM Altitude: Below 8000.0 Ft.		
	ESV:	Bearing [True]: 372.0° to 55.0° Bearing [Mag]: 0.0° to 43.0°			Arc Distance: Out to 130.0 NM Altitude: 16000.0 to 22000.0 Ft.		
	ESV:	Bearing [True]: 310.0° to 332.0° Bearing [Mag]: 298.0° to 320.0°			Arc Distance: Out to 110.0 NM Altitude: 13000.0 to 30000.0 Ft.		
	ESV:	Bearing [True]: 333.0° to 54.0° Bearing [Mag]: 321.0° to 42.0°			Arc Distance: Out to 115.0 NM Altitude: 13000.0 to 30000.0 Ft.		
	ESV:	Bearing [True]: 302.0° to 54.0° Bearing [Mag]: 290.0° to 42.0°			Arc Distance: Out to 115.0 NM Altitude: 13000.0 to 30000.0 Ft.		
18	DHT	N 36° 5' 29.25" W 102° 32' 40.70" E 12	L	4020.0	112.00	DHT	Not Used
	ESV:	Bearing [True]: 206.0° to 232.0° Bearing [Mag]: 194.0° to 220.0°			Arc Distance: Out to 104.0 NM Altitude: 10000.0 to 25000.0 Ft.		
19	ALS	N 37° 20' 56.97" W 105° 48' 55.93" E 13	H	7535.0	113.90	ALS	Not Used
	Restriction:	Bearing [True]: 38.0° to 58.0° Bearing [Mag]: 25.0° to 45.0°			Distance: Beyond 25.0 NM Altitude: Below 15900.0 Ft.		
	Restriction:	Bearing [True]: 163.0° to 193.0° Bearing [Mag]: 150.0° to 180.0°			Distance: Beyond 35.0 NM Altitude: Below 11600.0 Ft.		
	ESV:	Bearing [True]: 200.0° to 222.0° Bearing [Mag]: 187.0° to 209.0°			Arc Distance: Out to 60.0 NM Altitude: 10000.0 to 25000.0 Ft.		
20	TAS	N 36° 36' 31.57" W 105° 54' 22.75" E 13	L	7860.0	117.60	TAS	Not Used
	Restriction:	Bearing [True]: 33.0° to 113.0° Bearing [Mag]: 20.0° to 100.0°			Distance: Beyond 30.0 NM Altitude: Below 18000.0 Ft.		
	Restriction:	Bearing [True]: 273.0° to 343.0° Bearing [Mag]: 260.0° to 330.0°			Distance: Beyond 30.0 NM Altitude: Below 17000.0 Ft.		
	ESV:	Bearing [True]: 223.0° to 323.0° Bearing [Mag]: 210.0° to 310.0°			Arc Distance: Out to 70.0 NM Altitude: 10000.0 to 25000.0 Ft.		
21	INW	N 35° 3' 41.77" W 110° 47' 42.09" E 14	H	4910.0	112.60	INW	Not Used
	ESV:	Bearing [True]: 104.0° to 122.0° Bearing [Mag]: 90.0° to 108.0°			Arc Distance: Out to 125.0 NM Altitude: 14000.0 to 25000.0 Ft.		

Radar Analysis

Return To Summary

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