Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: SID	Date Open: 04/06/2010	Task #: 2010040622770701001	Request #: 20100406227707
Procedure: SID NEWHALL SEVEN VAN NUYS CA KVNY		Airport ID: KVNY	Airport: VAN NUYS		Reimbursable #:
City: VAN NUYS	ST: CA	GPS #:		Estimated Chart Date: 07/26/2012	FICO #:
Fac ID:	Fac. Type: Proc TR		Specialist: DANA MITCHELL		

Procedure Review

	Rec'd	Rel'd	Full Name	Comments
Lead:	06/02/2011	04/19/2012	STEVEN SZUKALA	
QA:	04/19/2012	04/19/2012	STEVEN SZUKALA	
Liaison:	04/19/2012		All forms-d	

P1

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

pks 1/24

VAN NUYS, CA VAN NUYS (KVNY) NEWHALL SEVEN (SID) ENROUTE-YES FC: 5.29.12 PUB: 7.26.12

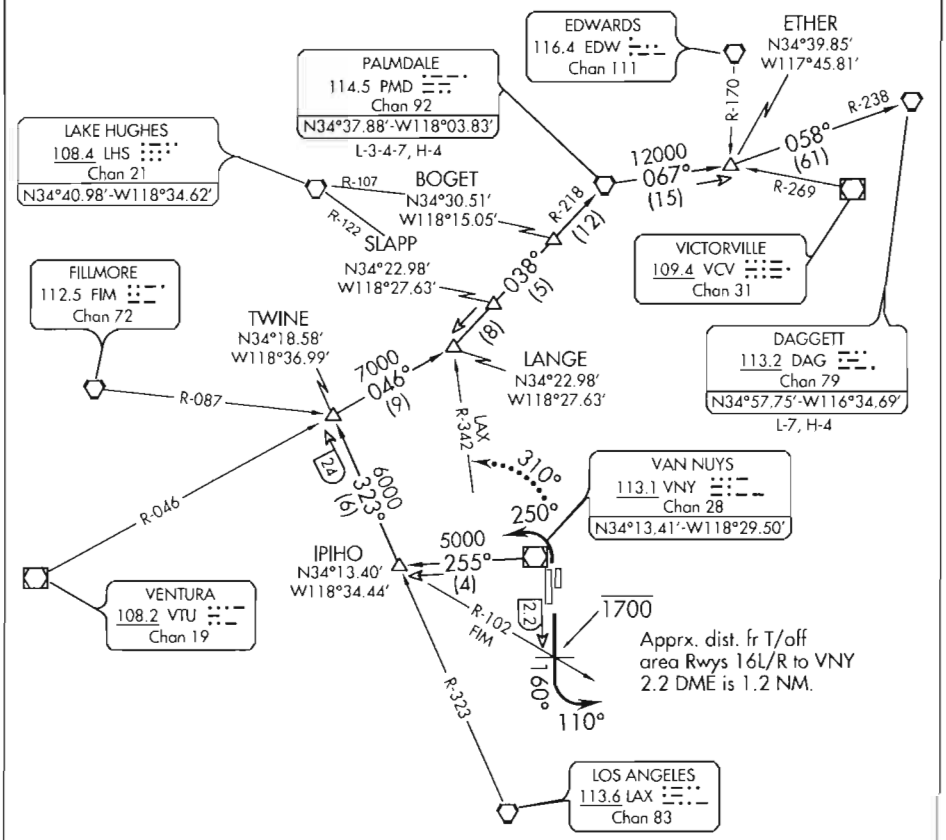
ATTACHED FORMS: 8260-15B; 8260-15C; 8260-2(S): IPIHO-INT, REV 2; (INFO ONLY) BOGET-INT, REV 3; DAGGETT (DAG) VTAC, REV 10; ETHER-INT, REV 7; FILLMORE (FIM) VTAC, REV 17; LANGE-INT, REV 11; LOS ANGELES (LAX) VTAC, REV 10; PALMDALE (PMD) VTAC, REV 13; SLAPP-INT, REV 1; TWINE-INT, REV 7; VAN NUYS (VNY) VDME, REV 8; VENTURA (VTU) VDME, REV 10.

CONTACT: ADOLFO URRUTIA, AJV-354 LEAD, 405.954.2079:

ATIS 118.45
CLNC DEL
126.6 239.0
VAN NUYS GND CON
121.7
SOCAL DEP CON
124.6 298.85

(NARRATIVE ON FOLLOWING PAGE)

PROTOTYPE-NOT FOR NAVIGATION



TAKEOFF MINIMUMS

Rwys 16L/R and Rwys 34L/R: STANDARD with a minumum climb of 370′ per NM to 7000′.

NOTE: For runways: Do not intercept any departure radial until adviced by ATC.
NOTE: Approximate distance from takeoff area runways 16L/R to VNY 2.2 DME is 1.2 NM.
NOTE: Radar required.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 16L/R: Climb on heading 160°, cross FIM R-102 or VNY 2.2 DME at or below 1700', then climbing left turn heading 110°, to assigned altitude, thence . . .

TAKEOFF RUNWAYS 34L/R: Climbing left turn heading 250° to assigned altitude, thence . . .

. . . . Expect radar vectors to IPIHO, then via (transition) or (assigned route). Maintain ATC assigned altitude, expect tiled altitude/flight level 10 minutes after departure.

LOST COMMUNICATIONS: If not in contact with Departure Control within 5 DME from VNY VOR/DME, Rwy 16 L/R; turn left heading 310° to intercept the LAX R-342; and continue the published procedure.

DAGGETT TRANSITION (NUAL7.DAG): Proceed on the VNY R-255 to intercept and proceed via the LAX R-323 and the VTU R-046 to LANGE INT; then the PMD R-218 to the PMD VORTAC. Then via the PMD R-067 and the DAG R-238 to DAG VORTAC.

PALMDALE TRANSITION (NUAL7.PMD): Proceed on the VNY R-255 to intercept and proceed via the LAX R-323 and the VTU R-046 to LANGE INT; then via the PMD R-218 to the PMD VORTAC.

TAKEOFF OBSTACLE NOTES

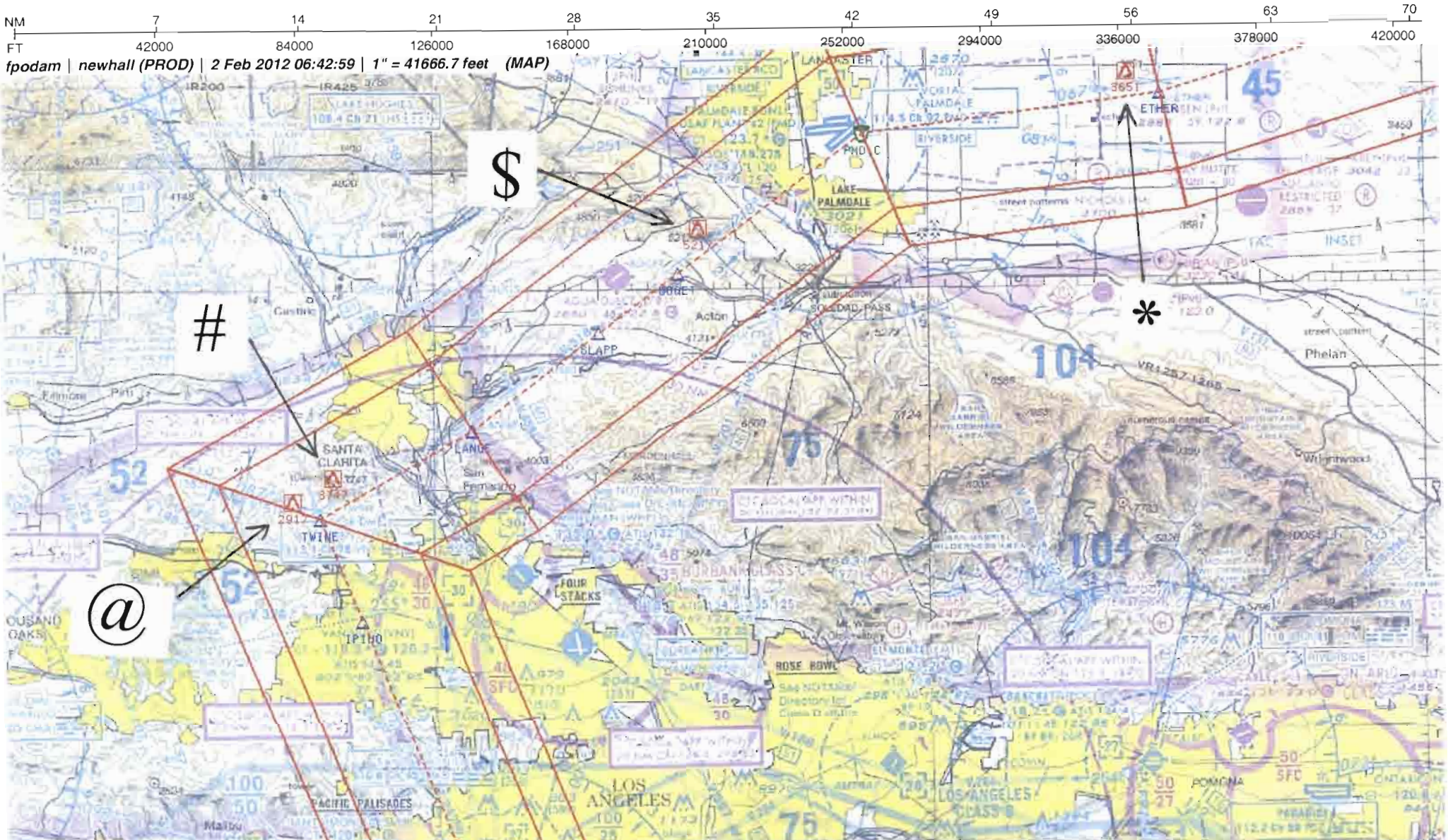
Rwy 16L: Light on hanger 713' from DER, 361' left of centerline, 27' AGL/798' MSL.

Rwy 16R: Hanger 209' from DER, 516' right of centerline,15' AGL/755' MSL.
Flagpole 570' from DER, 549' right of centerline, 21' AGL/761' MSL.
Building 941' from DER, 599' left of centerline, 28' AGL/774' MSL.
Trees beginning 1129' from DER, left and right of centerline, up to 81' AGL /821' MSL.

Rwy 34L: Blast fence 169' from DER, 405' left of centerline, 10' AGL/812' MSL.
Obstruction light on blast fence, 241' from DER, 195' left of centerline, 17' AGL/819' MSL.
Multiple trees beginning 325' from DER, 549' right of centerline, up to 91' AGL/921' MSL.
Train 305' from DER, 369' right of centerline, 23' AGL/832' MSL.
Building 424' from DER, 589' right of centerline, 29' AGL/831' MSL.
Antenna on building 449' from DER, 462' left of centerline, 15' AGL/817' MSL.
Pole 1376' from DER, 779' left of centerline, 68' AGL/870' MSL.
Trees beginning 828' from DER, 15' left of centerline, 78' AGL/907' MSL.

Rwy 34R: Train 305' from DER, 5' left of centerline, 23' AGL/832' MSL.
Building 424' from DER, 214' right of centerline, 32' AGL/831' MSL.
Trees beginning 324' from DER, left and right of centerline, up to 91'AGL /921' MSL.

PROTOTYPE-NOT FOR NAVIGATION



Airport ID:	KVNY
Apt Name:	VAN NUYS MUNI
City:	VAN NUYS
State:	CA
Scale:	1:500,000
Proc ID:	NEWHALL SEVEN – ALL RWYS
Amdt #:	

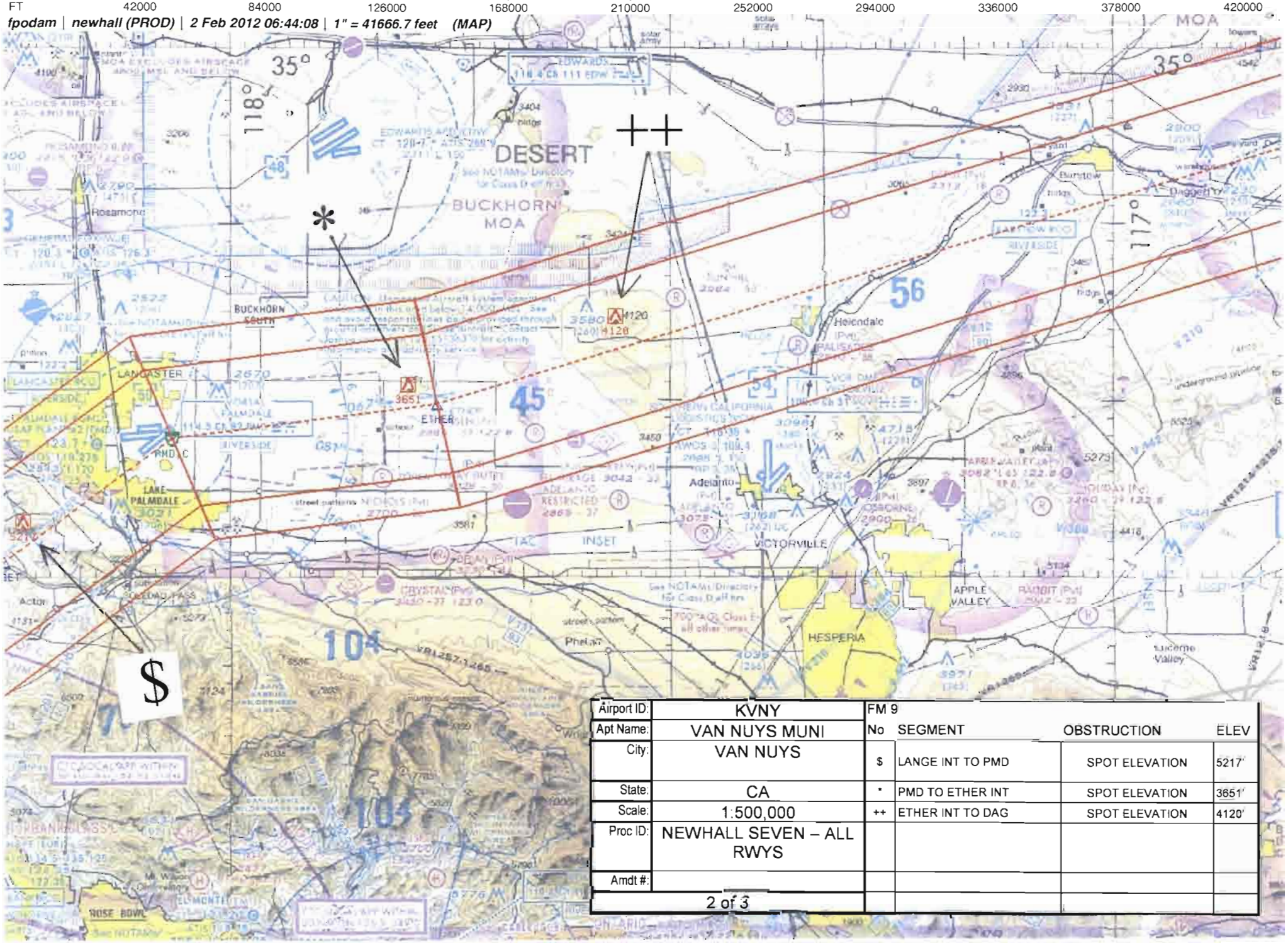
FM 9

No	SEGMENT	OBSTRUCTION	ELEV
@	IPIHO INT TO TWINE INT	AAO	2917'
#	TWINE INT TO LANGE INT	SPOT ELEVATION	3747'
$	LANGE INT TO PMD	SPOT ELEVATION	5217'
*	PMD TO ETHER INT	SPOT ELEVATION	3651'

NM 7 14 21 28 35 42 49 56 63 70

FT 42000 84000 126000 168000 210000 252000 294000 336000 378000 420000

fpodam | newhall (PROD) | 2 Feb 2012 06:44:08 | 1" = 41666.7 feet (MAP)



Airport ID:	KVNY
Apt Name:	VAN NUYS MUNI
City:	VAN NUYS
State:	CA
Scale:	1:500,000
Proc ID:	NEWHALL SEVEN – ALL RWYS
Amdt #:	
	2 of 3

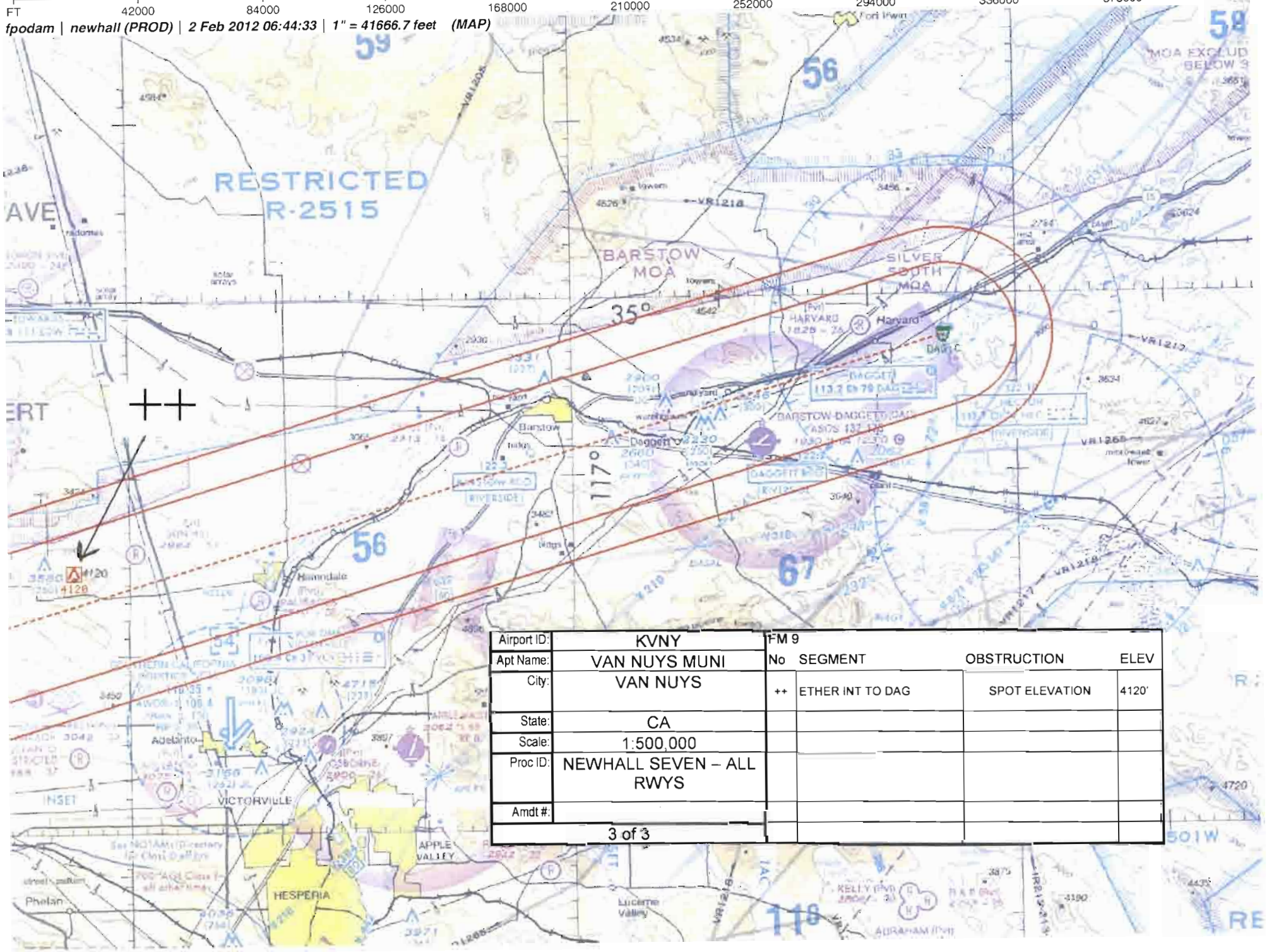
FM 9

No	SEGMENT	OBSTRUCTION	ELEV
$	LANGE INT TO PMD	SPOT ELEVATION	5217'
*	PMD TO ETHER INT	SPOT ELEVATION	3651'
++	ETHER INT TO DAG	SPOT ELEVATION	4120'

NM 7 14 21 28 35 42 49 56 63 70

FT 42000 84000 126000 168000 210000 252000 294000 336000 378000 420000

fpodam | newhall (PROD) | 2 Feb 2012 06:44:33 | 1" = 41666.7 feet (MAP)



Airport ID:	KVNY
Apt Name:	VAN NUYS MUNI
City:	VAN NUYS
State:	CA
Scale:	1:500,000
Proc ID:	NEWHALL SEVEN – ALL RWYS
Amdt #:	
	3 of 3

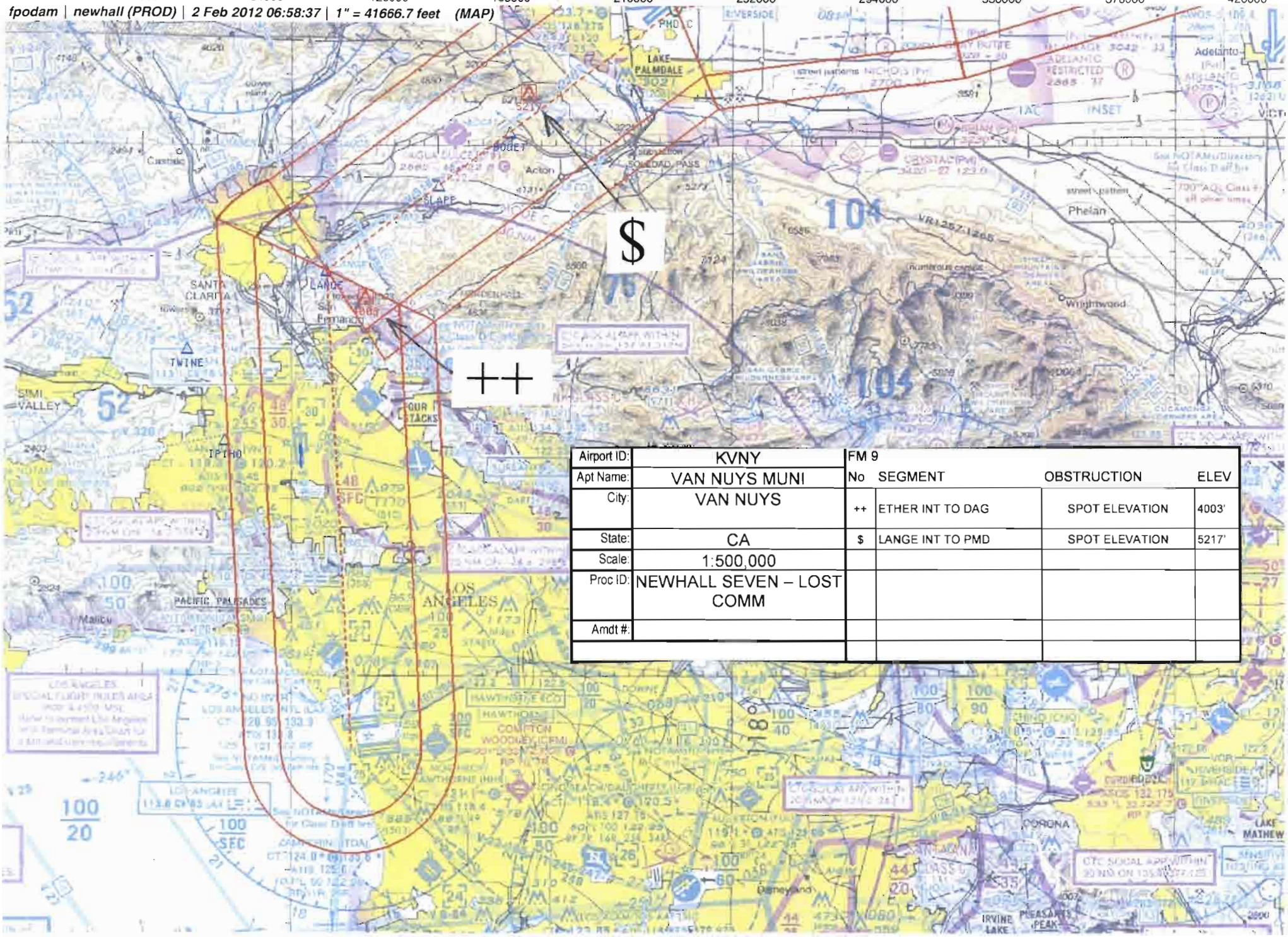
FM 9

No	SEGMENT	OBSTRUCTION	ELEV
++	ETHER INT TO DAG	SPOT ELEVATION	4120'

NM 7 14 21 28 35 42 49 56 63 70

FT 42000 84000 126000 168000 210000 252000 294000 336000 378000 420000

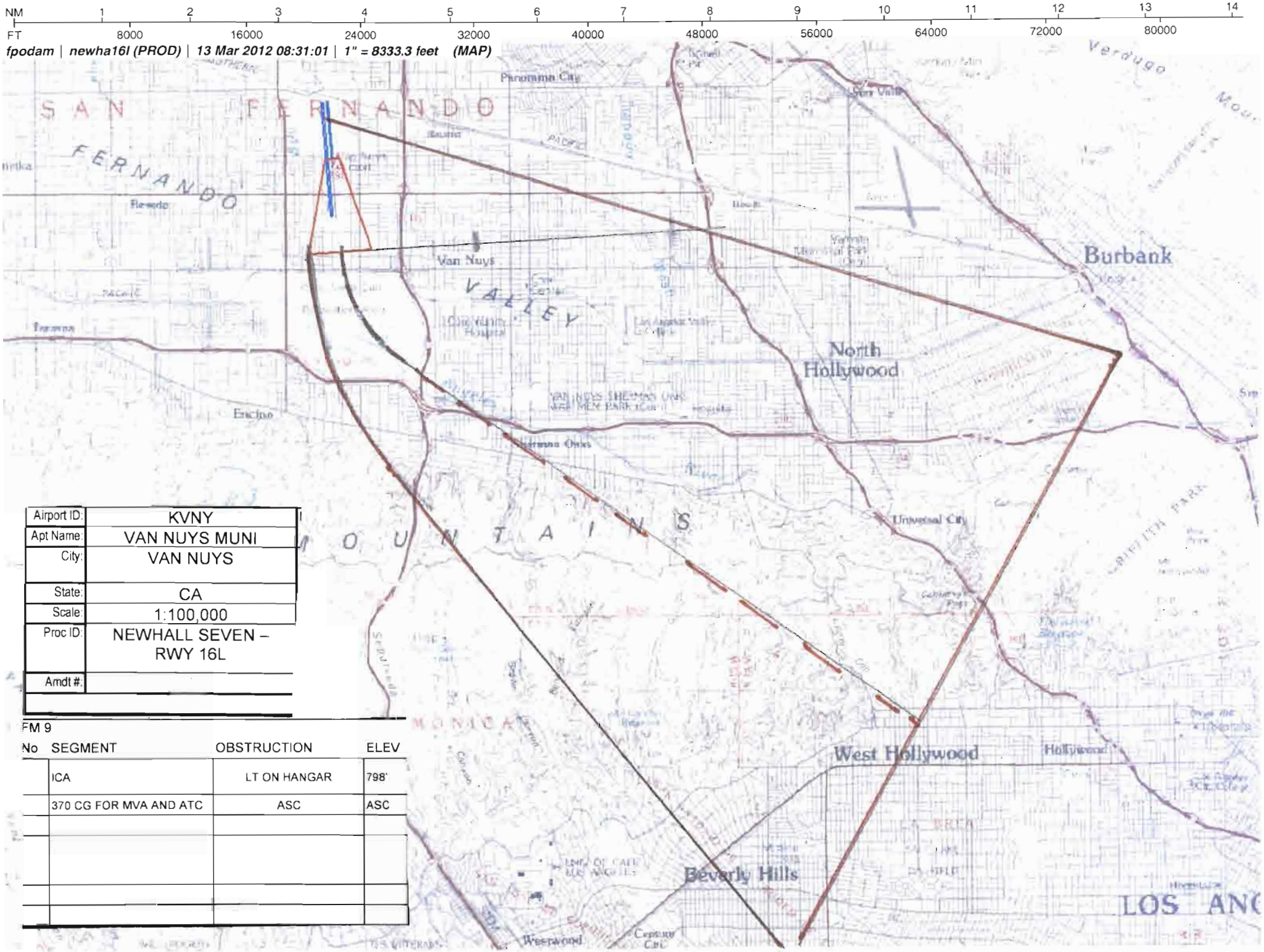
fpodam | newhall (PROD) | 2 Feb 2012 06:58:37 | 1" = 41666.7 feet (MAP)



Airport ID:	KVNY
Apt Name:	VAN NUYS MUNI
City:	VAN NUYS
State:	CA
Scale:	1:500,000
Proc ID:	NEWHALL SEVEN – LOST COMM
Amdt #:	

FM 9

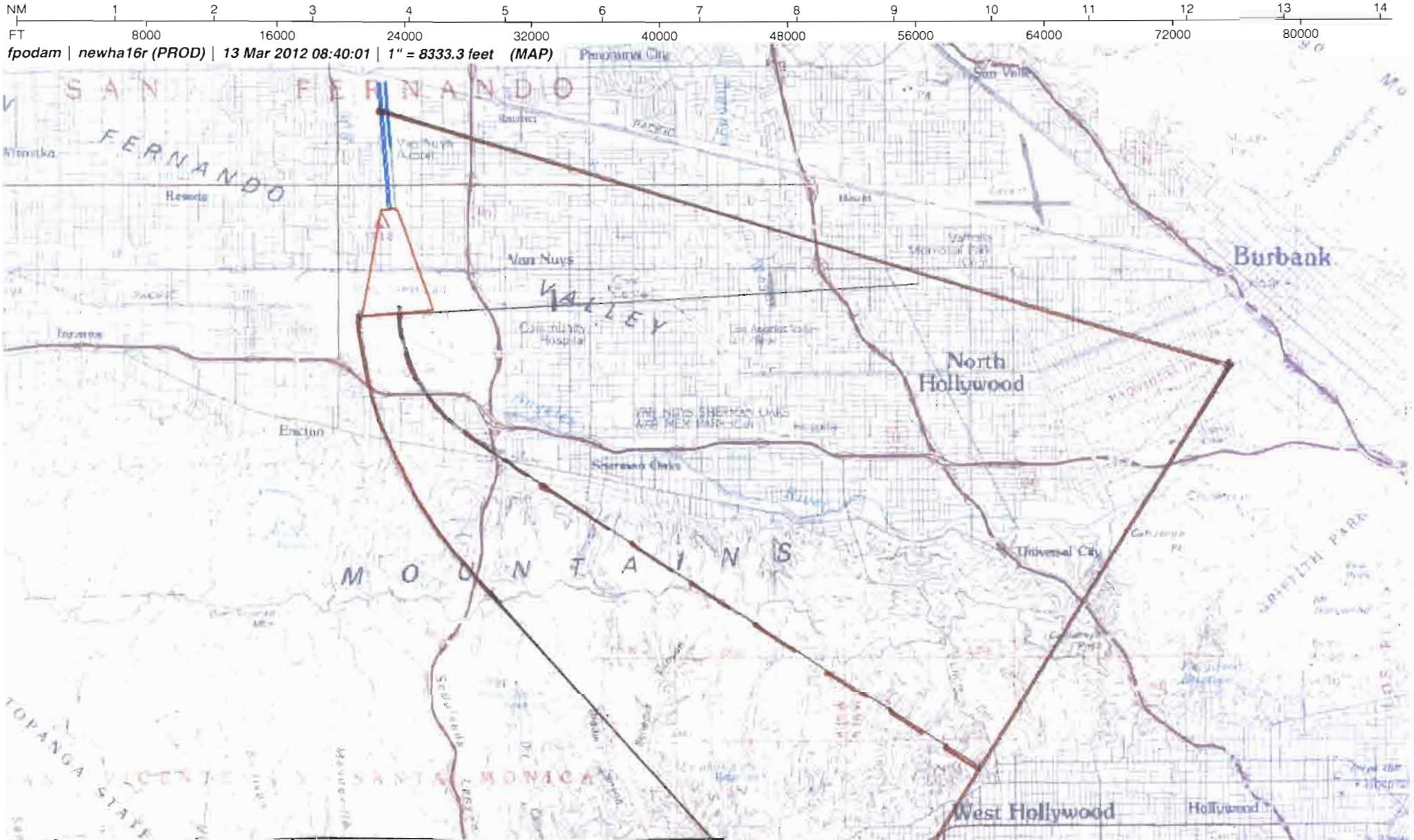
No	SEGMENT	OBSTRUCTION	ELEV
++	ETHER INT TO DAG	SPOT ELEVATION	4003'
$	LANGE INT TO PMD	SPOT ELEVATION	5217'



Airport ID:	KVNY
Apt Name:	VAN NUYS MUNI
City:	VAN NUYS
State:	CA
Scale:	1:100,000
Proc ID:	NEWHALL SEVEN – RWY 16L
Amdt #:	

FM 9

No	SEGMENT	OBSTRUCTION	ELEV
	ICA	LT ON HANGAR	798'
	370 CG FOR MVA AND ATC	ASC	ASC



Airport ID:	KVNY
Apt Name:	VAN NUYS MUNI
City:	VAN NUYS
State:	CA
Scale:	1:100,000
Proc ID:	NEWHALL SEVEN – RWY 16R
Amdt #:	

FM 9

No	SEGMENT	OBSTRUCTION	ELEV
	ICA	TREE	818'
	370 CG FOR MVA AND ATC	ASC	ASC

NM 1 2 3 4 5 6 7 8 9 10 11 12 13 14

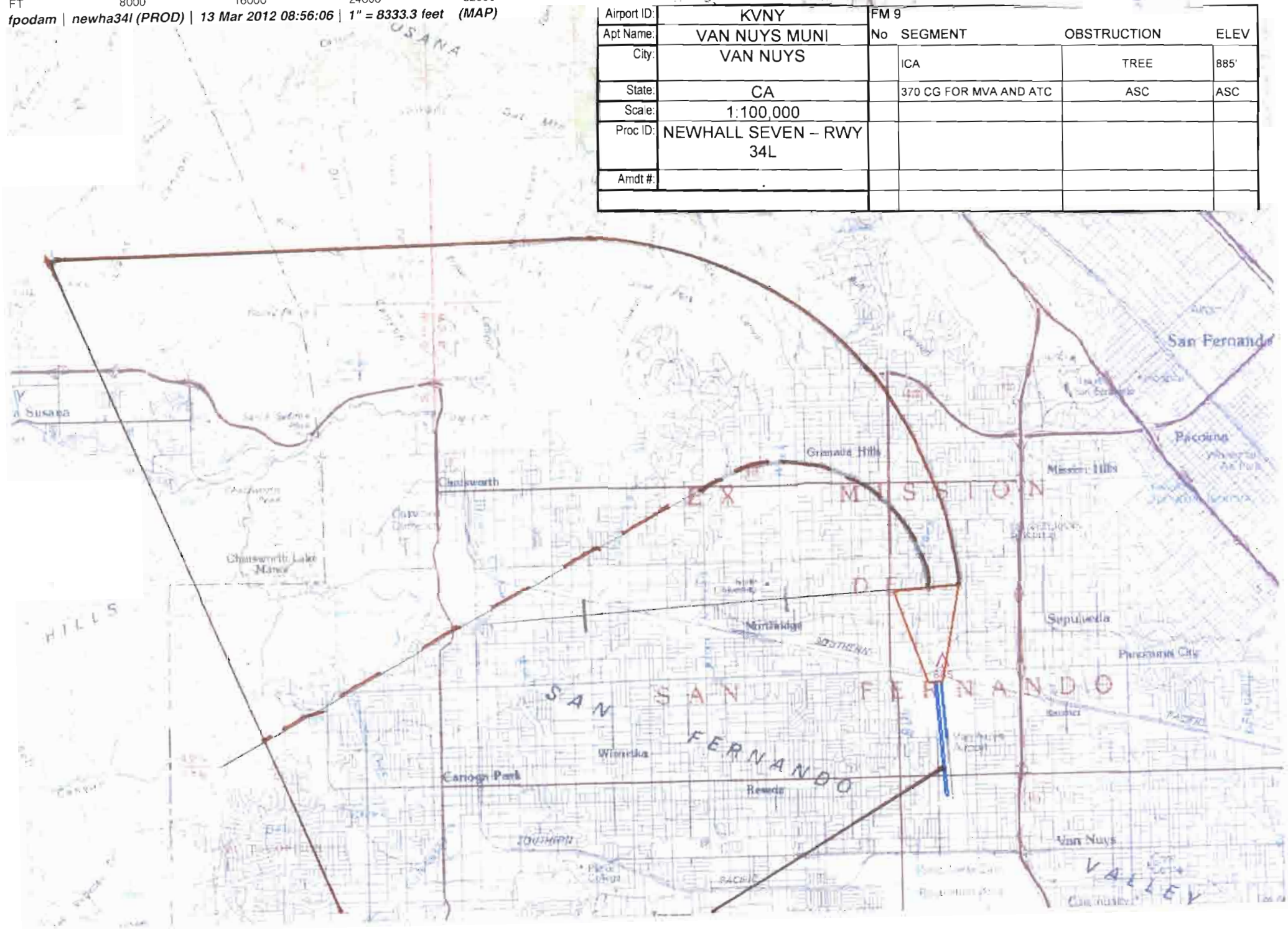
FT 8000 16000 24000 32000 40000 48000 56000 64000 72000 80000

fpodam | newha34l (PROD) | 13 Mar 2012 08:56:06 | 1" = 8333.3 feet (MAP)

Airport ID:	KVNY
Apt Name:	VAN NUYS MUNI
City:	VAN NUYS
State:	CA
Scale:	1:100,000
Proc ID:	NEWHALL SEVEN – RWY 34L
Amdt #:	.

FM 9

No	SEGMENT	OBSTRUCTION	ELEV
	ICA	TREE	885'
	370 CG FOR MVA AND ATC	ASC	ASC



NM 1 2 3 4 5 6 7 8 9 10 11 12 13 14

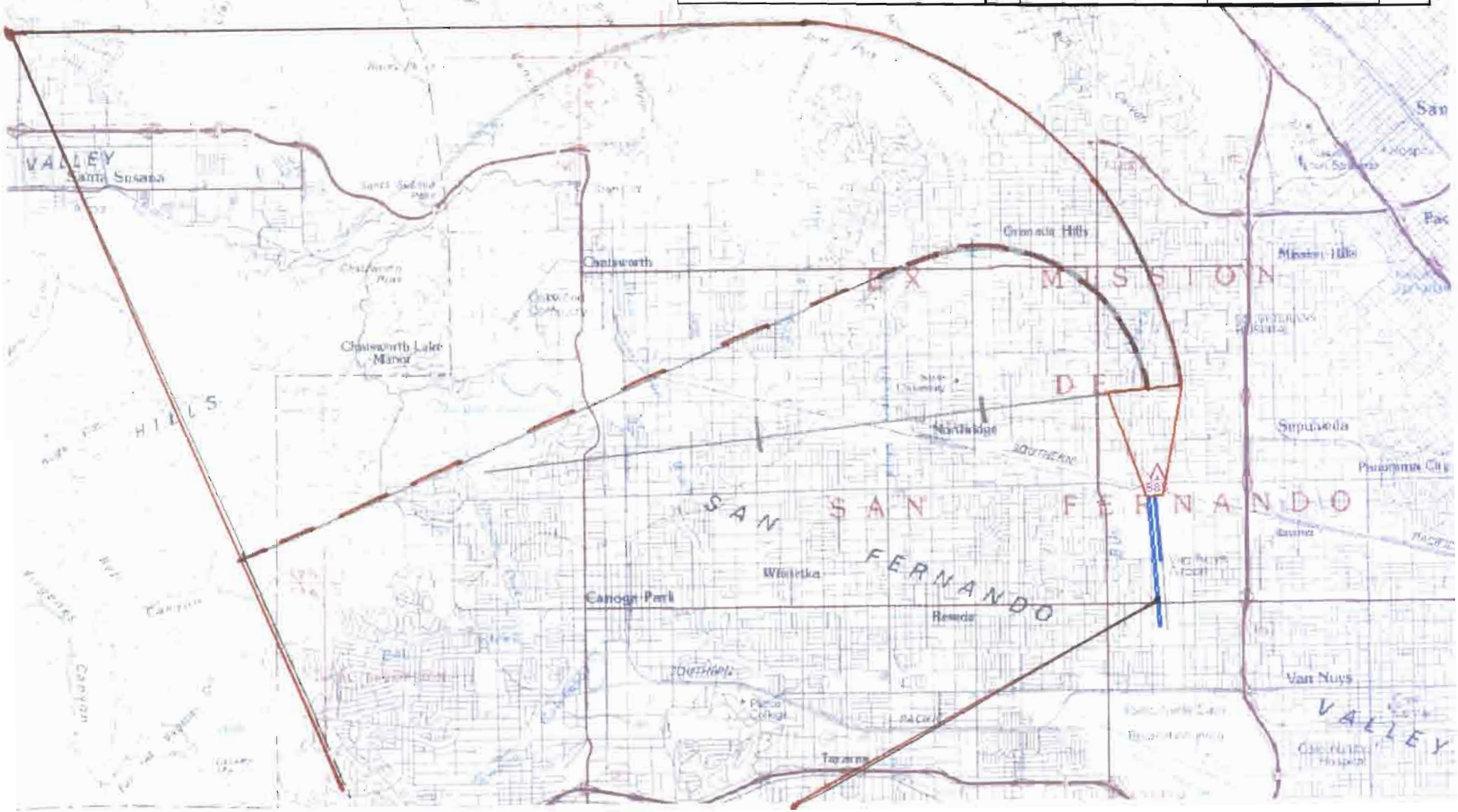
FT 8000 16000 24000 32000 40000 48000 56000 64000 72000 80000

fpodam | newha34r (PROD) | 13 Mar 2012 09:03:09 | 1" = 8333.3 feet (MAP)

Airport ID:	KVNY
Apt Name:	VAN NUYS MUNI
City:	VAN NUYS
State:	CA
Scale:	1:100,000
Proc ID:	NEWHALL SEVEN – RWY 34R
Amdt #:	

FM 9

No	SEGMENT	OBSTRUCTION	ELEV
	ICA	TREE	885'
	370 CG FOR MVA AND ATC	ASC	ASC

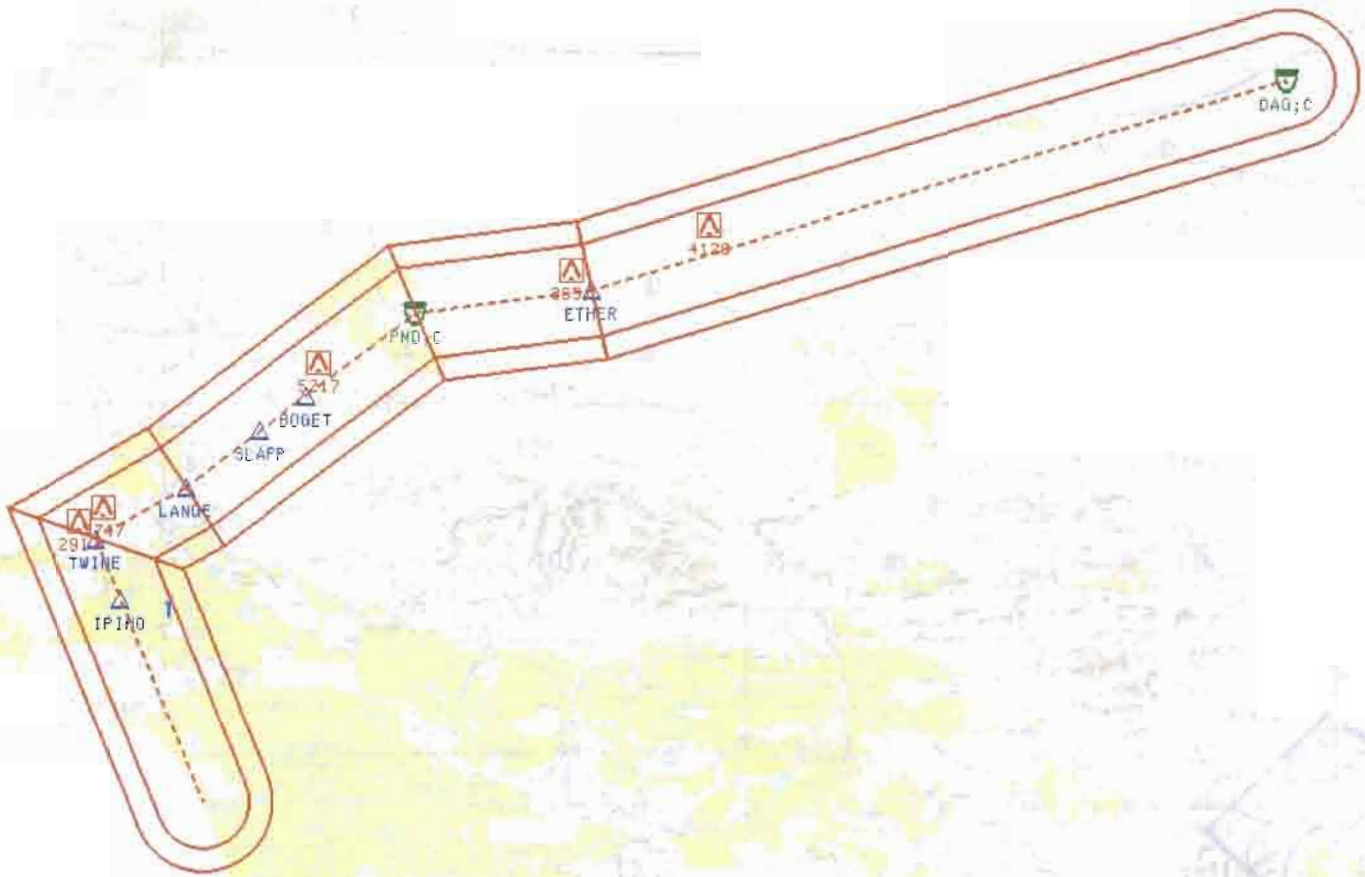


NM 16 32 48 64 80 96 112 128 144 160

FT 100000 200000 300000 400000 500000 600000 700000 800000 900000 1000000

fpodam | newhall (PROD) | 30 Jan 2012 12:20:47 | 1" = 100000.0 feet (MAP)

INFO ONLY



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
NEWHALL	SEVEN	NUAL7.VNY	SIX	04 NOV 99	

TYPE: SID

DP ROUTE DESCRIPTION:

TAKE-OFF RUNWAY 16L/R: CLIMB ON HEADING 160°, CROSS FIM R-102 OR VNY 2.2 DME AT OR BELOW 1700, THEN CLIMBING LEFT TURN HEAD1NG 110°, TO ASSIGNED ALTITUDE, THENCE...
TAKE-OFF RUNWAY 34L/R: CLIMBING LEFT TURN HEADING 250° TO ASSIGNED ALTITUDE, THENCE...

...EXPECT RADAR VECTORS TO IPIHO, THEN VIA (TRANSITION) OR (ASSIGNED ROUTE). MAINTAIN ATC ASSIGNED ALTITUDE, EXPECT FILED ALTITUDE / FLIGHT LEVEL 10 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
DAGGETT	NUAL7.DAG	IPIHO	TWINE	254.93 & 322.89 (VNY R-255 & LAX R-323)	5.59	6000	5000	
		TWINE	LANGE	046.12 (VTU R-046)	8.91	7000	5800	
		LANGE	SLAPP	037.00 (PMD R-218)	8.02	7000		
		SLAPP	BOGET	037.00 (PMD R-218)	4.99	7000		
		BOGET	PMD VORTAC	038.01 (PMD R-218)	11.65	7000		
		PMD VORTAC	ETHER	067.40 (PMD R-067)	14.99	12000	5700	
		ETHER	DAG VORTAC	058.37 (DAG R-238)	61.23	12000	6200	
PALMDALE	NUAL7.PMD	IPIHO	TWINE	254.93 & 322.89 (VNY R-255 & LAX R-323)	5.59	6000	5000	
		TWINE	LANGE	046.12 (VTU R-046)	8.91	7000	5800	
		LANGE	SLAPP	037.00 (PMD R-218)	8.02	7000		
		SLAPP	BOGET	037.00 (PMD R-218)	4.99	7000		
		BOGET	PMD VORTAC	038.01 (PMD R-218)	11.65	7000		

QUALITY CHECKED

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
NEWHALL	SEVEN	NUAL7.VNY	SIX	04 NOV 99	

PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

NOTE: RADAR REQUIRED.
NOTE: CHART NOT TO SCALE.
NOTE: FOR ALL RUNWAYS: DO NOT INTERCEPT ANY DEPARTURE RADIAL UNTIL ADVISED BY ATC.
NOTE: APPROXIMATE DISTANCE FROM TAKE-OFF AREA RUNWAYS 16L/R TO VNY 2.2 DME IS 1.2 NM.

TAKE OFF MINIMUMS:
RWYS 16L/R AND RWYS 34L/R: STANDARD WITH A MINIMUM CLIMB OF 370 FEET PER NM TO 7000.

TAKEOFF OBSTACLES NOTES:

NOTE: RWY 16L, LIGHT ON HANGAR 713 FT FROM DER, 361 FT LEFT OF CENTERLINE, 27 FT AGL/798 FT MSL
NOTE: RWY 16R, HANGAR 209 FT FROM DER, 516 FT RIGHT OF CENTERLINE, 15 FT AGL/755 FT MSL. FLAGPOLE 570 FT FROM DER, 549 FT RIGHT OF CENTERLINE, 21 FT AGL/761 FT MSL. BUILDING 941 FT FROM DER, 599 FT LEFT OF CENTERLINE, 28 FT AGL/774 FT MSL, TREES BEGINNING 1129 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 81 FT AGL/821 FT MSL.
NOTE: RWY 34L, BLAST FENCE 169 FT FROM DER, 405 FT LEFT OF CENTERLINE, 10 FT AGL/812 FT MSL. OBSTRUCTION LIGHT ON BLAST FENCE, 241 FT FROM DER, 195 FT LEFT OF CENTERLINE, 17 FT AGL/819 FT MSL. MULTIPLE TREES BEGINNING 325 FT FROM DER, 549 FT RIGHT OF CENTERLINE, UP TO 91 FT AGL/921 FT MSL. TRAIN 305 FT FROM DER, 369 FT RIGHT OF CENTERLINE, 23 FT AGL/832 FT MSL. BUILDING 424 FT FROM DER, 589 FT RIGHT OF CENTERLINE, 29 FT AGL/831 FT MSL. ANTENNA ON BUILDING 449 FT FROM DER 462 FT LEFT OF CENTERLINE, 15 FT AGL/817 FT MSL. POLE 1376 FT FROM DER, 779 FT LEFT OF CENTERLINE, 68 FT AGL/870 FT MSL. TREES BEGINNING 828 FT FROM DER, 15 LEFT OF CENTERLINE, 78 FT AGL/907 FT MSL.
NOTE: RWY 34R, TRAIN 305 FT FROM DER, 5 FT LEFT OF CENTERLINE, 23 FT AGL/832 FT MSL. BUILDING 424 FT FROM DER, 214 FT RIGHT OF CENTERLINE, 32 FT AGL/831 FT MSL. TREES BEGINNING 324 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 91 FT AGL/921 FT MSL.

CONTROLLING OBSTACLES:

RWY 16L/R, RWY 34L/R, 10279 FT MSL AAO 341720.88N/1173846.70W.

LOST COMMUNICATIONS PROCEDURES:

IF NOT IN CONTACT WITH DEPARTURE CONTROL WITHIN 5 DME FROM VNY VOR/DME, RWYS 16L/R; TURN LEFT HEADING 310 TO INTERCEPT THE LAX R-342; AND CONTINUE THE PUBLISHED PROCEDURE.

ADDITIONAL FLIGHT DATA:

AIRPORTS SERVED:

VAN NUYS: VAN NUYS, CA

QUALITY CHECKED

COMMUNICATIONS:

CHART ATIS, CLNC DEL, VAN NUYS GND CON, SOCAL DEP CON.

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
NEWHALL	SEVEN	NUAL7.VNY	SIX	04 NOV 99	

FIXES AND/OR NAVAIDS:

CHART NAVAIDS: CHART: EDW VORTAC, FIM VORTAC, LAX VORTAC, VCV VOR/DME, VTU VOR/DME

REMARKS:

CG REQUESTED BY ATC.

QUALITY 1 CHECKED

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
NEWHALL	SEVEN	NUAL7.VNY	SIX	04 NOV 99	

FLIGHT INSPECTED BY:

REQUIRED EFFECTIVE DATE:
ROUTINE

DEVELOPED BY:

ADOLFO URRUTIA (DANA MITCHELL) — AJV-354 — 02/02/2012

APPROVED BY:

DEZ SILAGYI — AJV-354

COORDINATED WITH:

ALPA, AOPA, NBAA, ZLA, SOCAL APP/DEP CON, ARPT MGR, OR AERO DIV

CHANGES:

1. REMOVED TWINE TRANSITION.
2. ADDED SLAPP AND BOGET INTERSECTIONS.
3. CHANGED LOST COM PROCEDURE TO INCLUDE 'FLY HEADING 310 TO INTERCEPT THE LAX R-342, AND CONTINUE THE PUBLISHED PROCEDURE."
4. ADDED 'CG REQUESTED BY ATC' TO REMARKS.

REASONS:

1. PER FPT AND ATC REQUEST.
2. PER FAA MEMORANDUM DATED JULY 26, 2009.
3. FPT AND ATC REQUEST AND FAA MEMORANDUM DATE JUNE 14, 2011.
4. ATC AND FPT REQUEST.

QUALITY CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
NEWHALL	SEVEN		SIX	04 NOV 99	

ARINC PACKET - 424-18 - SID

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        DAG   K2011320VTLA N34574485W116344140    N34574485W116344140E0150017601     NARDAGGETT
        SUSAD        PMD   K2011450VTH  N34375303W118034976    N34375303W118034976E0150024982     NARPALMDALE
        SUSAD        VNY   K2011310VDLW N34132439W118293001    N34132647W118293020E0150008151     NARVAN NUYS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BOGET K20    C   L N34305117W118150542                    E0126     NAR           BOGET
        SUSAEAENRT   ETHER K20    C   L N34395089W117454867                    E0126     NAR           ETHER
        SUSAEAENRT   IPIHO K20    R     N34132400W118342640                    E0126     NAR           IPIHO
        SUSAEAENRT   LANGE K20    C   L N34225869W118273770                    E0126     NAR           LANGE
        SUSAEAENRT   SLAPP K20    C   L N34275014W118195407                    E0126     NAR           SLAPP
        SUSAEAENRT   TWINE K20    C   L N34183490W118365932                    E0126     NAR           TWINE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KVNYK2AVNY     0     080YHN34123530W118292390E015000802         1800018000C    MNAR    VAN NUYS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KVNYK2DNUAL7 1RW16B 010         0        VD VNY K2              16000022D   - 01700     18000
        SUSAP KVNYK2DNUAL7 1RW16B 020         0        VM                     1100
        SUSAP KVNYK2DNUAL7 1RW16B 030IPIHOK2EA0EE      DF
        SUSAP KVNYK2DNUAL7 1RW34B 010         0        CA                     3405        + 01202     18000
        SUSAP KVNYK2DNUAL7 1RW34B 020         0    L   VMY                    2500
        SUSAP KVNYK2DNUAL7 1RW34B 030IPIHOK2EA0EE      DF
        SUSAP KVNYK2DNUAL7 3DAG   010IPIHOK2EA0E       IF                                                18000
        SUSAP KVNYK2DNUAL7 3DAG   020TWINEK2EA0E       TF                     32290056
        SUSAP KVNYK2DNUAL7 3DAG   030LANGEK2EA0E       TF                     04610089
        SUSAP KVNYK2DNUAL7 3DAG   040SLAPPK2EA0E       TF                     03700080
        SUSAP KVNYK2DNUAL7 3DAG   050BOGETK2EA0E       TF                     03700050
        SUSAP KVNYK2DNUAL7 3DAG   060PMD  K2D 0V       TF                     03800117
        SUSAP KVNYK2DNUAL7 3DAG   070ETHERK2EA0E       TF                     06740150
        SUSAP KVNYK2DNUAL7 3DAG   080DAG  K2D 0VE      TF                     05840612
        SUSAP KVNYK2DNUAL7 3PMD   010IPIHOK2EA0E       IF                                                18000
        SUSAP KVNYK2DNUAL7 3PMD   020TWINEK2EA0E       TF                     32290056
        SUSAP KVNYK2DNUAL7 3PMD   030LANGEK2EA0E       TF                     04610089
        SUSAP KVNYK2DNUAL7 3PMD   040SLAPPK2EA0E       TF                     03700080
        SUSAP KVNYK2DNUAL7 3PMD   050BOGETK2EA0E       TF                     03700050
```

QUALITY CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
NEWHALL	SEVEN		SIX	04 NOV 99	

```
        SUSAP KVNYK2DNUAL7 3PMD    060PMD  K2D 0VE      TF                    03800117
                  1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KVNYK2GRW16L   0040111605 N34125424W118292267-0700    +0206300791143150075D
        SUSAP KVNYK2GRW16R   0080011605 N34125395W118292712-0700    +0207000793143155150IIVNY1
        SUSAP KVNYK2GRW34L   0080013405 N34114917W118292100+0700    +0192600746000050150V
        SUSAP KVNYK2GRW34R   0040113405 N34122881W118292026+0700    +0200600772000026075V
```

QUALITY CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
NEWHALL	SEVEN		SIX	04 NOV 99	

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	RW16B		010		VD		FB		160.0()	002.2	AB 01700	
	RW16B		020		VM		FB		110.0()			
	RW16B	IPIHO	030		DF		FB					
	RW34B		010		CA		FB		340.5()		AA 01202	
	RW34B		020		VM	L	FB		250.0()			
	RW34B	IPIHO	030		DF		FB					
	DAG	IPIHO	010		IF		FB					
	DAG	TWINE	020		TF		FB		322.9()	005.6		
	DAG	LANGE	030		TF		FB		046.1()	008.9		
	DAG	SLAPP	040		TF		FB		037.0()	008.0		
	DAG	BOGET	050		TF		FB		037.0()	005.0		
	DAG	PMD	060		TF		FB		038.0()	011.7		
	DAG	ETHER	070		TF		FB		067.4()	015.0		
	DAG	DAG	080		TF		FB		058.4()	061.2		
	PMD	IPIHO	010		IF		FB					
	PMD	TWINE	020		TF		FB		322.9()	005.6		
	PMD	LANGE	030		TF		FB		046.1()	008.9		
	PMD	SLAPP	040		TF		FB		037.0()	008.0		
	PMD	BOGET	050		TF		FB		037.0()	005.0		
	PMD	PMD	060		TF		FB		038.0()	011.7		

POINT DATA

WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
DAG	N345744.85	W1163441.40	N3457.748	W11634.690
PMD	N343753.03	W1180349.76	N3437.884	W11803.829
VNY	N341324.39	W1182930.01	N3413.407	W11829.500
BOGET	N343051.17	W1181505.42	N3430.853	W11815.090
ETHER	N343950.89	W1174548.67	N3439.848	W11745.811
IPIHO	N341324.00	W1183426.40	N3413.400	W11834.440
LANGE	N342258.69	W1182737.70	N3422.978	W11827.628
SLAPP	N342750.14	W1181954.07	N3427.836	W11819.901
TWINE	N341834.90	W1183659.32	N3418.582	W11836.989
RW16L	N341254.24	W1182922.67	N3412.904	W11829.378
RW16R	N341253.95	W1182927.12	N3412.899	W11829.452
RW34L	N341149.17	W1182921.00	N3411.820	W11829.350
RW34R	N341228.81	W1182920.26	N3412.480	W11829.338

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW16L	00791	50
RW16R	00793	55

QUALITY 1 CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
NEWHALL	SEVEN		SIX	04 NOV 99	

RW34L	00746	50
RW34R	00772	26

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: IPIHO **STATE:** CA **COUNTRY:** US

LATITUDE/LONGITUDE: 341324.00N/1183426.40W **TYPE:** INT, DME

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	VAN NUYS	VNY	VOR/DME	L	254.93	269.93	4.10	4.10		5000	17500
2	LOS ANGELES	LAX	VORTAC	H	322.89	337.89	18.77	18.77		5000	17500

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	VAN NUYS	1, 2		KBUR	BURBANK	CA (US)
DP	CANOGA	1, 2		KVNY	VAN NUYS	CA (US)
DP	NEWHALL	1, 2		KVNY	VAN NUYS	CA (US)
DP	VAN NUYS	1, 2		KVNY	VAN NUYS	CA (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 02/11/2010

REASON FOR REVISION:
FACILITY MAKE UP: CORRECED FAC 1
ADDED DIST FROM 4.10NM
ADDED FAC 2 DME AND DIST FROM 18.77NM
UPDATED FIX USE TO DISPLAY PROPER REPORT FORM INFORMATION.

DEVELOPED BY: **DATE:** 09/29/2009 **OFFICE:** AVN-130 **NAME:** ANDREW FIELDS

APPROVED BY: **DATE:** 11/24/2009 **OFFICE:** AVN-130 **NAME:** RICK WEBB

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: WST
ARTCC: ZLA
ATC FACILITY: SCT/NTD, SOCAL TRACON
OTHER:

QUALITY 5 CHECKED

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: BOGET **STATE:** CA **COUNTRY:** US

LATITUDE/LONGITUDE: 343051.17N/1181505.42W **TYPE:** WP, INT, DME

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	PALMDALE	PMD	VORTAC	H	218.01	233.01	11.65	11.65		7000	17000
2	LAKE HUGHES	LHS	VORTAC	L	107.00	122.00		19.03		7000	17000

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

REMARKS:
THIS INTERSECTION TO BE USED FOR RADAR IDENTIFICATION AND HANDOFFS.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	VAN NUYS	1, 2		KBUR	BURBANK	CA (US)
DP	PEEER (RNAV)			KSMO	SANTA MONICA	CA (US)
DP	NEWHALL	1		KVNY	VAN NUYS	CA (US)
EN ROUTE	V518	1, 2				(US)
STAR	KIMMO	1, 2		KLAX	LOS ANGELES	CA (US)

REQUIRED CHARTING: DP, STAR, AREA, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 **DATE OF REVISION:** 09/23/2010

REASON FOR REVISION:
1. DELETED FAC 3.
2. ADDED FAC 1 AND 2 DIST FROM FAC IN NM.

DEVELOPED BY: **DATE:** 03/12/2010 **OFFICE:** AVN-130 **NAME:** JIM EMORY (DAVID SAUER)

APPROVED BY: **DATE:** 07/08/2010 **OFFICE:** AVN-130 **NAME:** DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZLA
ATC FACILITY: SOCAL APP CON
OTHER:

QUALITY 5 CHECKED

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: DAGGETT VORTAC **STATE:** CA **COUNTRY:** US

LATITUDE/LONGITUDE: 345744.85N/1163441.40W **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	DAGGETT	DAG	VORTAC	L							17500

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	NE	DAG	VORTAC	043.60	223.60	L	1		5000	14000	5	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	230	AAO	344515.00N/1164606.00W	5283	4E
1	200	AAO	345536.00N/1162551.00W	3363	4E

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
UPN	230	190

REASON FOR NONSTANDARD HOLDING:
PAT 1 SPECIAL USE AREAS

HOLDING RESTRICTIONS:
UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 7800.

REMARKS:
PRIOR COORDINATION REQUIRED WITH CONTROLLING AGENCY FOR HOLDING OVER R-2502E AND/OR SILVER MOA AND/OR BARSTOW MOA.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	VAN NUYS			KBUR	BURBANK	CA (US)
DP	DAGGETT			KDAG	DAGGETT	CA (US)
DP	TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES			KDAG	DAGGETT	CA (US)
DP	ANAHEIM			KFUL	FULLERTON	CA (US)
DP	ANAHEIM			KLGB	LONG BEACH	CA (US)
DP	SENIC (RNAV)			KLGB	LONG BEACH	CA (US)
DP	GABRE			KLAX	LOS ANGELES	CA (US)
DP	LOOP			KLAX	LOS ANGELES	CA (US)
DP	OSHNN (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	SEBBY			KLAX	LOS ANGELES	CA (US)
DP	HASSA			KONT	ONTARIO	CA (US)
DP	ONTARIO			KONT	ONTARIO	CA (US)
DP	POMONA			KONT	ONTARIO	CA (US)
DP	CATHEDRAL			KPSP	PALM SPRINGS	CA (US)
DP	ANAHEIM			KSNA	SANTA ANA	CA (US)
DP	IRVINE			KSNA	SANTA ANA	CA (US)
DP	MUSEL			KSNA	SANTA ANA	CA (US)
DP	PEEER			KSMO	SANTA MONICA	CA (US)
DP	NEWHALL			KVNY	VAN NUYS	CA (US)
EN ROUTE	V394					(US)
EN ROUTE	V587		1			CA (US)
IAP	VOR OR TACAN RWY 22			KDAG	DAGGETT	CA (US)
STAR	JANNY (RNAV)			KBUR	BURBANK	CA (US)
STAR	LYNXX			KBUR	BURBANK	CA (US)
STAR	HITOP			KRIV	RIVERSIDE	CA (US)
STAR	MARCH			KRIV	RIVERSIDE	CA (US)
STAR	JOMIX (RNAV)			KHND	LAS VEGAS	NV (US)
STAR	CLARR			KLAS	LAS VEGAS	NV (US)
STAR	CRESO			KLAS	LAS VEGAS	NV (US)
STAR	KEPEC (RNAV)			KLAS	LAS VEGAS	NV (US)

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

COMPULSORY REPORTING POINT: NO

QUALITY 5 CHECKED

INFO ONLY

RECORD REVISION NUMBER: 10 **DATE OF REVISION:** 05/31/2012

REASON FOR REVISION:
UPDATED PAT 1 AIRSPEED AT 200 CONTROLLING OBSTRUCTION.

DEVELOPED BY:	**DATE:** 01/05/2012	**OFFICE:** AJV-354	**NAME:** ADOLFO URRUTIA (AISHAT NAUZO)
APPROVED BY:	**DATE:**	**OFFICE:** AJV-354	**NAME:** DEZ SILAGYI
	SIGNATURE:		

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZLA
ATC FACILITY: SOCAL TRACON
OTHER:

QUALITY 5 CHECKED

INFO ONLY RADIO FIX AND HOLDING DATA RECORD

NAME: ETHER **STATE:** CA **COUNTRY:** US

LATITUDE/LONGITUDE: 343950.89N/1174548.67W **TYPE:** WP, INT, DME

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	PALMDALE	PMD	VORTAC	H	067.40	082.40	14.99	14.99		6000	17500
2	EDWARDS	EDW	VORTAC	T	169.59	184.59	19.12	19.12		6000	17500
3	VICTORVILLE	VCV	VOR/DME	T	268.88	282.88	18.96	18.96		6000	14800
4	DAGGETT	DAG	VORTAC	L	238.37	253.37		61.23		12000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
DAG	VORTAC	R-238	62	12000	17500

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	NE	PMD	VORTAC	067.40	247.40	L	1		6000	8500	10	12
2	E		WP	069.40	249.40	L		7	6000	8500	10	12
3	E	VCV	VOR/DME	268.88	268.88	L	1		6000	8000	6	9

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	265	AAO	344423.90N/1173340.90W	4320	6A
2	265	AAO	344423.90N/1173340.90W	4320	6A
3	200	AAO	344029.40N/1174749.80W	3851	6A

REASON FOR NONSTANDARD HOLDING:
PAT 3 RESTRICTED AIRSPACE
PAT 1 RESTRICTED AIRSPACE
PAT 2 RESTRICTED AIRSPACE

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	TAKE-OFF MINIMUMS	KVCV	VICTORVILLE	CA (US)

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
PATTERN 1 AND 2 EVALUATED FOR MILITARY HOLDING.
PATTERNS 1 AND 2 VIOLATE BUCKHORN MOA AIRSPACE. MOA CONTROLLING AGENCY IS JOSHUA APP CON, NO COORDINATION IS REQUIRED.
PAT 1 310K HOLDING PATTERN OBSTACLE LOCATED 1.98 NM INTO SECONDARY.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	VAN NUYS	1, 2, 3, 4		KBUR	BURBANK	CA (US)
DP	NEWHALL	1, 2, 3		KVNY	VAN NUYS	CA (US)
DP	TAKE-OFF MINIMUMS	1, 2, 3	1	KVCV	VICTORVILLE	CA (US)
EN ROUTE	V12	1, 2, 3				(US)
IAP	RNAV (GPS) RWY 24			KWJF	LANCASTER	CA (US)
IAP	RNAV (GPS) RWY 6		2	KWJF	LANCASTER	CA (US)
IAP	ILS OR LOC RWY 25	1, 2		KPMD	PALMDALE	CA (US)
IAP	RNAV (GPS) RWY 25			KPMD	PALMDALE	CA (US)
IAP	ILS OR LOC RWY 17	1, 2, 3	3	KVCV	VICTORVILLE	CA (US)
IAP	RNAV (GPS) RWY 17		2	KVCV	VICTORVILLE	CA (US)
IAP	VOR/DME RWY 17	1, 2, 3	3	KVCV	VICTORVILLE	CA (US)

REQUIRED CHARTING: DP, IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7 **DATE OF REVISION:** 09/23/2010

REASON FOR REVISION:
1. ADDED FAC 4.
2. ADDED ESV FOR DAG 238/62.

QUALITY 5 CHECKED

INFO ONLY

DEVELOPED BY:	**DATE:** 03/15/2010	**OFFICE:** AVN-130	**NAME:** JIM EMORY (DAVID SAUER)
APPROVED BY:	**DATE:** 07/08/2010	**OFFICE:** AVN-130	**NAME:** DEZ SILAGYI
	SIGNATURE:		

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZLA
ATC FACILITY: JOSHUA APP CON
OTHER: PMD ATCT, VCV ATCT

INFO ONLY RADIO FIX AND HOLDING DATA RECORD

NAME: FILLMORE VORTAC **STATE:** CA **COUNTRY:** US

LATITUDE/LONGITUDE: 342124.10N/1185252.65W **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	FILLMORE	FIM	VORTAC	L							45000

FIX RESTRICTIONS:
MCA V299 7200 NORTHBOUND
MCA V386 6100 WESTBOUND
MCA V107 7500 NORTHWEST BOUND
MCA V597 6100 WESTBOUND

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	S	FIM	VORTAC	195.08	015.08	R	1		6000	10000	5	9
2	NW	FIM	VORTAC	310.33	130.33	R	1-1 1/2		11000	41000	9	28

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	230	AAO	343936.00N/1185648.00W	7477	4E
1	200	AAO	342154.00N/1184645.00W	3091	4E
1	310	AAO	342839.00N/1185154.00W	4685	4E
2	230	AAO	343045.10N/1190427.60W	6916	6A

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
UPN	230	375
1	200	131
1	310	308
2	230	375

HOLDING RESTRICTIONS:
UNPLANNED HOLDING APPROVED ALL AIRWAY RADIALS FROM 9700 TO 45000.
PRIOR COORDINATION REQUIRED WITH CONTROLLING AGENCY FOR UNPLANNED HOLDING OVER R-2519 AND W-289 ON FIM VORTAC RADIALS 180 CW 225 AT OR ABOVE 16000.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	CAMARILLO	KOXR	OXNARD	CA (US)

REMARKS:
UNPLAN HOLD ATC REQUEST.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	MEADOWS			KBFL	BAKERSFIELD	CA (US)
DP	VAN NUYS			KBUR	BURBANK	CA (US)
DP	ANAHEIM			KFUL	FULLERTON	CA (US)
DP	ANAHEIM			KLGB	LONG BEACH	CA (US)
DP	CHATY			KLAX	LOS ANGELES	CA (US)
DP	FILLMORE			KNTD	OXNARD	CA (US)
DP	CAMARILLO		1	KOXR	OXNARD	CA (US)
DP	SKIFF			KOXR	OXNARD	CA (US)
DP	CHALONE			KSNS	SALINAS	CA (US)
DP	SALINAS			KSNS	SALINAS	CA (US)
DP	ANAHEIM			KSNA	SANTA ANA	CA (US)
DP	KWANG			KSBA	SANTA BARBARA	CA (US)
DP	SANTA BARBARA			KSBA	SANTA BARBARA	CA (US)
DP	TAKEOFF MINIMUMS			KSMO	SANTA MONICA	CA (US)
DP	CANOGA			KVNY	VAN NUYS	CA (US)
DP	NEWHALL			KVNY	VAN NUYS	CA (US)
EN ROUTE	J1-7		2			(US)
EN ROUTE	V107		2			(US)
EN ROUTE	V186					(US)
EN ROUTE	V299					(US)
EN ROUTE	V326					(US)
EN ROUTE	V386					(US)
EN ROUTE	V518					(US)
EN ROUTE	V597					(US)
IAP	CEEME (RNAV)			KBUR	BURBANK	CA (US)
IAP	FOUR STACKS VISUAL RWY 15			KBUR	BURBANK	CA (US)

INFO ONLY

IAP	ILS OR LOC Z RWY 8	KBUR	BURBANK	CA (US)
IAP	LOC Y RWY 8	KBUR	BURBANK	CA (US)
IAP	RNAV (GPS) X RWY 8	KBUR	BURBANK	CA (US)
IAP	RNAV (RNP) Y RWY 8	KBUR	BURBANK	CA (US)
IAP	RNAV (RNP) Z RWY 8	KBUR	BURBANK	CA (US)
IAP	VOR RWY 8	KBUR	BURBANK	CA (US)
IAP	VOR RWY 26	KCMA	CAMARILLO	CA (US)
IAP	ILS OR LOC RWY 24L	KLAX	LOS ANGELES	CA (US)
IAP	ILS OR LOC RWY 24R	KLAX	LOS ANGELES	CA (US)
IAP	ILS OR LOC RWY 6L	KLAX	LOS ANGELES	CA (US)
IAP	ILS OR LOC RWY 6R	KLAX	LOS ANGELES	CA (US)
IAP	ILS OR LOC RWY 7L	KLAX	LOS ANGELES	CA (US)
IAP	ILS OR LOC RWY 7R	KLAX	LOS ANGELES	CA (US)
IAP	ILS RWY 24R CAT (II)	KLAX	LOS ANGELES	CA (US)
IAP	ILS RWY 24R CAT (III)	KLAX	LOS ANGELES	CA (US)
IAP	RNAV (GPS) Y RWY 6L	KLAX	LOS ANGELES	CA (US)
IAP	RNAV (GPS) Y RWY 6R	KLAX	LOS ANGELES	CA (US)
IAP	RNAV (GPS) Y RWY 7L	KLAX	LOS ANGELES	CA (US)
IAP	RNAV (GPS) Y RWY 7R	KLAX	LOS ANGELES	CA (US)
IAP	RNAV (RNP) Z RWY 6L	KLAX	LOS ANGELES	CA (US)
IAP	RNAV (RNP) Z RWY 6R	KLAX	LOS ANGELES	CA (US)
IAP	RNAV (RNP) Z RWY 7L	KLAX	LOS ANGELES	CA (US)
IAP	RNAV (RNP) Z RWY 7R	KLAX	LOS ANGELES	CA (US)
IAP	RNAV (GPS)-C	KWHP	LOS ANGELES	CA (US)
IAP	VOR-A	KWHP	LOS ANGELES	CA (US)
IAP	ILS OR LOC/DME RWY 21	KNTD	OXNARD	CA (US)
IAP	TACAN OR VOR/DME RWY 3	KNTD	OXNARD	CA (US)
IAP	TACAN RWY 21	KNTD	OXNARD	CA (US)
IAP	ILS OR LOC RWY 25	KOXR	OXNARD	CA (US)
IAP	RNAV (GPS) RWY 25	KOXR	OXNARD	CA (US)
IAP	VOR RWY 25	KOXR	OXNARD	CA (US)
IAP	ILS OR LOC RWY 7	KSBA	SANTA BARBARA	CA (US)
IAP	VOR OR GPS RWY 25	KSBA	SANTA BARBARA	CA (US)
IAP	VOR OR GPS-A	KSMO	SANTA MONICA	CA (US)
IAP	ILS RWY 16R	KVNY	VAN NUYS	CA (US)
IAP	LDA-C	KVNY	VAN NUYS	CA (US)
IAP	VOR-A	KVNY	VAN NUYS	CA (US)
IAP	VOR/DME OR GPS-B	KVNY	VAN NUYS	CA (US)
STAR	FERNANDO	KBUR	BURBANK	CA (US)
STAR	TANDY	KLGB	LONG BEACH	CA (US)
STAR	BASET	KLAX	LOS ANGELES	CA (US)
STAR	DOWNE	KLAX	LOS ANGELES	CA (US)
STAR	KIMMO	KLAX	LOS ANGELES	CA (US)
STAR	LEENA	KLAX	LOS ANGELES	CA (US)
STAR	MOORPARK	KLAX	LOS ANGELES	CA (US)
STAR	OCEAN	KLAX	LOS ANGELES	CA (US)
STAR	REDEYE	KLAX	LOS ANGELES	CA (US)
STAR	REEDR	KLAX	LOS ANGELES	CA (US)
STAR	SADDE	KLAX	LOS ANGELES	CA (US)
STAR	FERNANDO	KSMO	SANTA MONICA	CA (US)
STAR	KIMMO	KSMO	SANTA MONICA	CA (US)
STAR	FERNANDO	KVNY	VAN NUYS	CA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 17 **DATE OF REVISION:** 08/25/2011

REASON FOR REVISION:
ADMINISTRATIVE REVISION - FAC 1 IN HISTORY STATUS.

DEVELOPED BY: **DATE:** 05/10/2011 **OFFICE:** AJV-354 **NAME:** JACOB POWERS

APPROVED BY: **DATE:** 07/14/2011 **OFFICE:** AJV-354 **NAME:** DEZ SILAGYI

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: WST
ARTCC: ZLA
ATC FACILITY: NTD APP CON, SCT
OTHER:

QUALITY CHECK 5

INFO ONLY RADIO FIX AND HOLDING DATA RECORD

NAME: LANGE **STATE:** CA **COUNTRY:** US

LATITUDE/LONGITUDE: 342258.69N/1182737.70W **TYPE:** WP, INT, DME

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	VENTURA	VTU	VOR/DME	L	046.12	061.12		33.40		6000	17500
2	LOS ANGELES	LAX	VORTAC	H	342.00	357.00	26.98	26.98		6000	17500
3	PALMDALE	PMD	VORTAC	H	218.00	233.00	24.66	24.66		7000	17500

FIX RESTRICTIONS:
MCA V-518 7000 NORTHEAST BOUND

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	S	LAX	VORTAC	342.00	342.00	R	1-1 1/2		7000	16000	10	18
2	NE	PMD	VORTAC	218.00	218.00	R	1-1 1/2		8000	16000	10	18

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	342312.00N/1181945.00W	5050	4E
2	230	AAO	343241.30N/1181348.60W	5417	6A

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	230	296
2	230	293

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
HOLDING PAT 1, 2 ATC REQUEST.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	VAN NUYS	1, 2, 3		KBUR	BURBANK	CA (US)
DP	PEEER (RNAV)			KSMO	SANTA MONICA	CA (US)
DP	NEWHALL	1, 2, 3		KVNY	VAN NUYS	CA (US)
EN ROUTE	V-165	1, 2, 3				(US)
EN ROUTE	V-518	1, 2, 3				(US)

REQUIRED CHARTING: DP, AREA, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11 **DATE OF REVISION:** 09/23/2010

REASON FOR REVISION:
1. ADDED FAC 1, 2, AND 3 DIST FROM FAC IN NM.
2. MOVED REMARK, HOLDING LIMITED TO ESTABLISHED PATTERNS, TO HOLDING RESTRICTIONS.
3. MOVED PRECIPITOUS TERRAIN ADJUSTMENTS FROM REMARKS, TO PRECIPITOUS TERRAIN ADDITIONS.
4. MOVED FIX USE REMARK, "HOLDING PAT 1, 2 ATC REQUEST" TO REMARKS.

DEVELOPED BY: **DATE:** 03/12/2010 **OFFICE:** AVN-130 **NAME:** JIM EMORY (DAVID SAUER)

APPROVED BY: **DATE:** 07/08/2010 **OFFICE:** AVN-130 **NAME:** DEZ SILAGYI

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: WST
ARTCC: ZLA
ATC FACILITY: SOCAL APP CON
OTHER:

QUALITY 5

INFO ONLY RADIO FIX AND HOLDING DATA RECORD

NAME: LOS ANGELES VORTAC **STATE:** CA **COUNTRY:** US

LATITUDE/LONGITUDE: 335559.32N/1182555.22W **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	LOS ANGELES	LAX	VORTAC	H							45000
2	PARADISE	PDZ	VORTAC	H	256.38	271.38	45.04	45.04		3000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
PDZ	VORTAC	R-256	46	3000	16000

FIX RESTRICTIONS:
MCA V299 3200 WESTBOUND

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	N	LAX	VORTAC	342.00	162.00	L	1-1 1/2		4000	17500	4	16
2	E	LAX	VORTAC	075.88	255.88	L	1-1 1/2		4000	17500	4	16

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	340514.00N/1182659.71W	1099	4E
2	200	TOWER (06-000260)	335135.00N/1182100.00W	585	5E

REASON FOR NONSTANDARD HOLDING:
PAT 1 ATC REQUEST
PAT 2 ATC REQUEST

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	ELMOO			KBUR	BURBANK	CA (US)
DP	VAN NUYS			KBUR	BURBANK	CA (US)
DP	ANAHEIM			KFUL	FULLERTON	CA (US)
DP	TAKEOFF MINIMUMS			KHHR	HAWTHORNE	CA (US)
DP	ANAHEIM			KLGB	LONG BEACH	CA (US)
DP	TAKEOFF MINIMUMS			KLGB	LONG BEACH	CA (US)
DP	CATALINA			KLAX	LOS ANGELES	CA (US)
DP	CHATY			KLAX	LOS ANGELES	CA (US)
DP	GABRE			KLAX	LOS ANGELES	CA (US)
DP	GORMAN			KLAX	LOS ANGELES	CA (US)
DP	IMPER			KLAX	LOS ANGELES	CA (US)
DP	LAXX			KLAX	LOS ANGELES	CA (US)
DP	LOOP			KLAX	LOS ANGELES	CA (US)
DP	PERCH			KLAX	LOS ANGELES	CA (US)
DP	SAN DIEGO			KLAX	LOS ANGELES	CA (US)
DP	SEAL BEACH			KLAX	LOS ANGELES	CA (US)
DP	SEBBY			KLAX	LOS ANGELES	CA (US)
DP	VENTURA			KLAX	LOS ANGELES	CA (US)
DP	ZILLI (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	HASSA			KONT	ONTARIO	CA (US)
DP	ANAHEIM			KSNA	SANTA ANA	CA (US)
DP	CHANNEL			KSNA	SANTA ANA	CA (US)
DP	IRVINE			KSNA	SANTA ANA	CA (US)
DP	TAKEOFF MINIMUMS			KTOA	TORRANCE	CA (US)
DP	CANOGA			KVNY	VAN NUYS	CA (US)
DP	GLENDALE			KVNY	VAN NUYS	CA (US)
DP	NEWHALL			KVNY	VAN NUYS	CA (US)
EN ROUTE	J1					(US)
EN ROUTE	J10					(US)
EN ROUTE	J100					(US)
EN ROUTE	J104					(US)
EN ROUTE	J107					(US)
EN ROUTE	J126					(US)
EN ROUTE	J128					(US)
EN ROUTE	J134					(US)
EN ROUTE	J146					(US)

QUALITY CHECK 5

INFO ONLY

EN ROUTE	J169			(US)
EN ROUTE	J4			(US)
EN ROUTE	J5			(US)
EN ROUTE	J60			(US)
EN ROUTE	J64			(US)
EN ROUTE	J7			(US)
EN ROUTE	J74			(US)
EN ROUTE	J78			(US)
EN ROUTE	J88			(US)
EN ROUTE	J9			(US)
EN ROUTE	J93			(US)
EN ROUTE	J96			(US)
EN ROUTE	V107			(US)
EN ROUTE	V16			(US)
EN ROUTE	V165			(US)
EN ROUTE	V201			(US)
EN ROUTE	V210			(US)
EN ROUTE	V23			(US)
EN ROUTE	V25			(US)
EN ROUTE	V264			(US)
EN ROUTE	V299			(US)
EN ROUTE	V370			(US)
EN ROUTE	V64			(US)
IAP	ILS OR LOC Z RWY 8	KBUR	BURBANK	CA (US)
IAP	LOC Y RWY 8	KBUR	BURBANK	CA (US)
IAP	VOR RWY 8	KBUR	BURBANK	CA (US)
IAP	LOC RWY 25	KHHR	HAWTHORNE	CA (US)
IAP	VOR OR GPS RWY 25	KHHR	HAWTHORNE	CA (US)
IAP	ILS OR LOC RWY 30	KLGB	LONG BEACH	CA (US)
IAP	VOR OR TACAN RWY 30	KLGB	LONG BEACH	CA (US)
IAP	HARBOR VISUAL RWY 25L/R	KLAX	LOS ANGELES	CA (US)
IAP	ILS OR LOC RWY 24L	KLAX	LOS ANGELES	CA (US)
IAP	ILS OR LOC RWY 24R	KLAX	LOS ANGELES	CA (US)
IAP	ILS OR LOC RWY 25L	KLAX	LOS ANGELES	CA (US)
IAP	ILS OR LOC RWY 25R	KLAX	LOS ANGELES	CA (US)
IAP	ILS OR LOC RWY 6L	KLAX	LOS ANGELES	CA (US)
IAP	ILS OR LOC RWY 6R	KLAX	LOS ANGELES	CA (US)
IAP	ILS OR LOC RWY 7L	KLAX	LOS ANGELES	CA (US)
IAP	ILS OR LOC RWY 7R	KLAX	LOS ANGELES	CA (US)
IAP	ILS RWY 24R (CAT II)	KLAX	LOS ANGELES	CA (US)
IAP	ILS RWY 24R (CAT III)	KLAX	LOS ANGELES	CA (US)
IAP	ILS RWY 25L (CAT II)	KLAX	LOS ANGELES	CA (US)
IAP	ILS RWY 25L (CAT III)	KLAX	LOS ANGELES	CA (US)
IAP	STADIUM VISUAL RWY 24L	KLAX	LOS ANGELES	CA (US)
IAP	VOR-A	KWHP	LOS ANGELES	CA (US)
IAP	ILS RWY 19R	KSNA	SANTA ANA	CA (US)
IAP	VOR OR GPS-A	KSMO	SANTA MONICA	CA (US)
IAP	ILS RWY 29R	KTOA	TORRANCE	CA (US)
IAP	VOR RWY 11L	KTOA	TORRANCE	CA (US)
IAP	ILS RWY 16R	KVNY	VAN NUYS	CA (US)
IAP	LDA-C	KVNY	VAN NUYS	CA (US)
IAP	VOR-A	KVNY	VAN NUYS	CA (US)
IAP	VOR/DME OR GPS-B	KVNY	VAN NUYS	CA (US)
STAR	FODRR	KCRQ	CARLSBAD	CA (US)
STAR	TANDY	KLGB	LONG BEACH	CA (US)
STAR	BASET	KLAX	LOS ANGELES	CA (US)
STAR	CIVET	KLAX	LOS ANGELES	CA (US)
STAR	DOWNE	KLAX	LOS ANGELES	CA (US)
STAR	KIMMO	KLAX	LOS ANGELES	CA (US)
STAR	LEENA	KLAX	LOS ANGELES	CA (US)
STAR	OCEAN	KLAX	LOS ANGELES	CA (US)
STAR	REDEYE	KLAX	LOS ANGELES	CA (US)
STAR	REEDR	KLAX	LOS ANGELES	CA (US)
STAR	RIIVR	KLAX	LOS ANGELES	CA (US)
STAR	SADDE	KLAX	LOS ANGELES	CA (US)
STAR	SEAVU	KLAX	LOS ANGELES	CA (US)
STAR	BAYVU (RNAV)	KSAN	SAN DIEGO	CA (US)
STAR	HUBRD	KSAN	SAN DIEGO	CA (US)
STAR	SHAMU	KSAN	SAN DIEGO	CA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10 **DATE OF REVISION:** 02/09/2012

REASON FOR REVISION:
UPDATED FIX USE.
FAC 2 MAA CHANGED FROM 16000 TO 45000.

DEVELOPED BY: **DATE:** 06/13/2011 **OFFICE:** AJV-353 **NAME:** NEIL SIMPANEN

APPROVED BY: **DATE:** 11/17/2011 **OFFICE:** AJV-354 **NAME:** DEZ SILAGYI

QUALITY 5 CHECKED

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: WST
ARTCC: ZLA
ATC FACILITY: SOCAL TRACON
OTHER: LAX ATCT

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: PALMDALE VORTAC **STATE:** CA **COUNTRY:** US

LATITUDE/LONGITUDE: 343753.03N/1180349.76W **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	FAC FEET	MRA	MAA
1	PALMDALE	PMD	VORTAC	H							45000

FIX RESTRICTIONS:
MCA V12 6000 WESTBOUND
MCA V201 6900 SOUTHBOUND
MCA V518 6300 SOUTHWEST BOUND
MCA V197 8700 SOUTHEAST BOUND

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	E	PMD	VORTAC	103.84	283.84	R	1		4500	17500	5	16
2	W	PMD	VORTAC	269.92	089.92	L	1		7000	11000	8	9
3	NE		WP	067.00	247.00	L		5	4500	14000	6	14
4	NE	PMD	VORTAC	067.00	247.00	L	1		4500	8000	5	8

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	343548.00N/1175139.00W	3488	4E
2	230	AAO	343405.00N/1181631.70W	5387	6E
3	200	AAO	343151.00N/1180854.00W	4721	4E
3	310	AAO	342531.00N/1175638.70W	6786	4E
4	200	AAO	343551.00N/1175145.00W	3452	4E

REASON FOR NONSTANDARD HOLDING:
PAT 2 AIRSPACE
PAT 3/TERRAIN
PAT 4 /TERRAIN

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
3	RNAV (GPS) RWY 24	KWJF	LANCASTER	CA (US)

REMARKS:
CONTACT HIGH DESERT TRACON FOR APPROVAL PRIOR TO HOLDING.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
PAT 3 310K OBSTACLE LOCATED 1.94 NM INTO SECONDARY AREA.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BUCKEYE			KPHX	PHOENIX	AZ (US)
DP	CHEZZ			KPHX	PHOENIX	AZ (US)
DP	DSERT			KPHX	PHOENIX	AZ (US)
DP	EXCON			KAPV	APPLE VALLEY	CA (US)
DP	MEADOWS			KBFL	BAKERSFIELD	CA (US)
DP	VAN NUYS			KBUR	BURBANK	CA (US)
DP	ANAHEIM			KFUL	FULLERTON	CA (US)
DP	TAKEOFF MINIMUMS			KWJF	LANCASTER	CA (US)
DP	ANAHEIM			KLGB	LONG BEACH	CA (US)
DP	CASTA (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	JERID (RNAV)			KMHV	MOJAVE	CA (US)
DP	HASSA			KONT	ONTARIO	CA (US)
DP	ONTARIO			KONT	ONTARIO	CA (US)
DP	CATHEDRAL			KPSP	PALM SPRINGS	CA (US)
DP	PALM SPRINGS			KPSP	PALM SPRINGS	CA (US)
DP	TAKEOFF MINIMUMS			KPMD	PALMDALE	CA (US)
DP	ANAHEIM			KSNA	SANTA ANA	CA (US)
DP	SANTA BARBARA			KSBA	SANTA BARBARA	CA (US)
DP	PEEER (RNAV)			KSMO	SANTA MONICA	CA (US)
DP	NEWHALL			KVNY	VAN NUYS	CA (US)
DP	TAKEOFF MINIMUMS			KVCV	VICTORVILLE	CA (US)
EN ROUTE	J6					(US)
EN ROUTE	J65					(US)
EN ROUTE	V137					(US)
EN ROUTE	V197					(US)
EN ROUTE	V201					(US)

QUALITY 5 CHECKED

EN ROUTE	V386				(US)
EN ROUTE	V518				(US)
EN ROUTE	V12		KPMD	PALMDALE	CA (US)
IAP	NDB-C	4	KWJF	LANCASTER	CA (US)
IAP	RNAV (GPS) RWY 24	3	KWJF	LANCASTER	CA (US)
IAP	VOR-B	4	KWJF	LANCASTER	CA (US)
IAP	GPS RWY 4		KMHV	MOJAVE	CA (US)
IAP	HI-TACAN RWY 25		KPMD	PALMDALE	CA (US)
IAP	ILS OR LOC RWY 25	2	KPMD	PALMDALE	CA (US)
IAP	RNAV (GPS) RWY 25		KPMD	PALMDALE	CA (US)
IAP	VOR/DME OR TACAN RWY 25	1	KPMD	PALMDALE	CA (US)
IAP	ILS OR LOC RWY 17		KVCV	VICTORVILLE	CA (US)
IAP	VOR/DME RWY 17		KVCV	VICTORVILLE	CA (US)
STAR	FASTO		KBFL	BAKERSFIELD	CA (US)
STAR	JANNY (RNAV)		KBUR	BURBANK	CA (US)
STAR	LYNXX		KBUR	BURBANK	CA (US)
STAR	KIMMO		KLAX	LOS ANGELES	CA (US)
STAR	SADDE		KLAX	LOS ANGELES	CA (US)
STAR	ZIGGY		KONT	ONTARIO	CA (US)
STAR	HITOP		KRIV	RIVERSIDE	CA (US)
STAR	MARCH		KRIV	RIVERSIDE	CA (US)

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

COMPULSORY REPORTING POINT: HIGH

RECORD REVISION NUMBER: 13 **DATE OF REVISION:** 12/15/2011

REASON FOR REVISION:
DELETED V137 MCA FIX RESTRICTION
UPDATE FIX USE

DEVELOPED BY: **DATE:** 07/22/2011 **OFFICE:** AJV-311 **NAME:** TOBY HUFF (STEVE VANCAMP)

APPROVED BY: **DATE:** 10/18/2011 **OFFICE:** AJV-311 **NAME:** DEZ SILAGYI

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: WST
ARTCC: ZLA
ATC FACILITY: HIGH DESERT TRACON, SOCAL APP CON
OTHER:

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: SLAPP **STATE:** CA **COUNTRY:** US

LATITUDE/LONGITUDE: 342750.14N/1181954.07W **TYPE:** WP, INT, DME

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	PALMDALE	PMD	VORTAC	H	218.00	233.00	16.64	16.64		7000	17500
2	LAKE HUGHES	LHS	VORTAC	L	122.13	137.13		17.88		7000	17500

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	VAN NUYS	1, 2		KBUR	BURBANK	CA (US)
DP	PEEER (RNAV)			KSMO	SANTA MONICA	CA (US)
DP	NEWHALL	1		KVNY	VAN NUYS	CA (US)
EN ROUTE	V-518	1, 2				(US)

REQUIRED CHARTING: DP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 09/23/2010

REASON FOR REVISION:
1. CHANGED FAC 2 FROM LANGE TO LAKE HUGHES VORTAC.
2. ADDED FAC 1 DIST FROM FAC IN NM.
3. ADDED FIX TYPE: INT.

DEVELOPED BY: **DATE:** 03/12/2010 **OFFICE:** AVN-130 **NAME:** JIM EMORY (DAVID SAUER)

APPROVED BY: **DATE:** 07/08/2010 **OFFICE:** AVN-130 **NAME:** DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZLA
ATC FACILITY: SOCAL APP CON
OTHER:

QUALITY 5 CHECKED

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: TWINE **STATE:** CA **COUNTRY:** US

LATITUDE/LONGITUDE: 341834.90N/1183659.32W **TYPE:** WP, INT, DME

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	VENTURA	VTU	VOR/DME	L	046.46	061.46	24.50	24.50		5500	17500
2	LOS ANGELES	LAX	VORTAC	H	322.88	337.88	24.35	24.35		5500	17500
3	FILLMORE	FIM	VORTAC	L	087.00	102.00	13.46	13.46		5500	17500

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	NW	LAX	VORTAC	322.88	142.88	R	1-1 1/2		6000	17500	8	17
2	W	FIM	VORTAC	087.00	087.00	L	1-1 1/2		6000	17500	7	16

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	342014.80N/1183610.40W	3947	6A
2	230	AAO	342014.80N/1183610.40W	3947	6A

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	230	206
2	230	183

REASON FOR NONSTANDARD HOLDING:
PAT 2 AVOID ADJACENT HOLDING PATTERNS & AIRWAYS.

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
PAT 1, PAT 2 ATC HOLDING.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	VAN NUYS	1, 2, 3		KBUR	BURBANK	CA (US)
DP	CASTA (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	PEEER (RNAV)			KSMO	SANTA MONICA	CA (US)
DP	NEWHALL	1, 2, 3		KVNY	VAN NUYS	CA (US)
EN ROUTE	V23, V518					(US)

REQUIRED CHARTING: DP, AREA, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7 **DATE OF REVISION:** 10/22/2009

REASON FOR REVISION:
REMOVED FAC 4.

DEVELOPED BY: **DATE:** 04/17/2009 **OFFICE:** AVN-130 **NAME:** DEZ SILAGYI (CHARLES SCHNEIDER)

APPROVED BY: **DATE:** 08/27/2009 **OFFICE:** AVN-130 **NAME:** RICK WEBB

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZLA
ATC FACILITY: SOCAL
OTHER: SMO ATCT

QUALITY CHECKED 5

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: VAN NUYS VOR/DME **STATE:** CA **COUNTRY:** US

LATITUDE/LONGITUDE: 341324.39N/1182930.01W **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	FAC FEET	MRA	MAA
1	VAN NUYS	VNY	VOR/DME	L							17500

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	E	VNY	VOR/DME	095.00	275.00	R	1-1 1/2		7600	17500	8	16
2	W	VNY	VOR/DME	255.00	075.00	R	1-1 1/2		4600	17500	5	16
3	W	VNY	VOR/DME	277.50	097.50	R	1-1 1/2		5500	17500	5	16
4	SE	VNY	VOR/DME	115.00	295.00	L	1-1 1/2		5100	6000	13	13

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	341616.40N/1181410.70W	5274	6C
2	200	AAO	341912.00N/1183357.00W	3714	4E
3	200	AAO	341948.00N/1183603.00W	3947	4E
4	310	AAO	341947.28N/1183603.29W	3947	2A

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	230	230
3	200	87
4	310	123

REASON FOR NONSTANDARD HOLDING:
PAT 4 TERRAIN

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
4	TAKE-OFF MINIMUMS	KBUR	BURBANK	CA (US)

REMARKS:
HOLDING PATTERNS 1,2,3, ESTABLISHED BY AIR TRAFFIC FOR UNPLANNED HOLDING. PATTERNS 1,2,3, NOT TO BE CHARTED.
PATTERN 2 CONTROLLING OBSTACLE LOCATED 12128 FT IN THE SECONDARY AREA.
PATTERN 3 CONTROLLING OBSTACLE LOCATED 4595 FT IN THE SECONDARY AREA
PRECIPITOUS TERRAIN EVAL COMPLETE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ELMODO			KBUR	BURBANK	CA (US)
DP	TAKE-OFF MINIMUMS		4	KBUR	BURBANK	CA (US)
DP	VAN NUYS			KBUR	BURBANK	CA (US)
DP	ANAHEIM			KFUL	FULLERTON	CA (US)
DP	ANAHEIM			KLGB	LONG BEACH	CA (US)
DP	CHATY			KLAX	LOS ANGELES	CA (US)
DP	GABRE			KLAX	LOS ANGELES	CA (US)
DP	GORMAN			KLAX	LOS ANGELES	CA (US)
DP	TAKE-OFF MINIMUMS			KWHP	LOS ANGELES	CA (US)
DP	CAMARILLO			KOXR	OXNARD	CA (US)
DP	ANAHEIM			KSNA	SANTA ANA	CA (US)
DP	SANTA BARBARA			KSBA	SANTA BARBARA	CA (US)
DP	CANOGA			KVNY	VAN NUYS	CA (US)
DP	GLENDALE			KVNY	VAN NUYS	CA (US)
DP	NEWHALL			KVNY	VAN NUYS	CA (US)
DP	TAKE-OFF MINIMUMS			KVNY	VAN NUYS	CA (US)
EN ROUTE	T249					(US)
EN ROUTE	V 326					(US)
EN ROUTE	V 597					(US)
EN ROUTE	V186					(US)
IAP	ILS OR LOC Z RWY 8			KBUR	BURBANK	CA (US)
IAP	LOC Y RWY 08			KBUR	BURBANK	CA (US)
IAP	VOR RWY 8			KBUR	BURBANK	CA (US)
IAP	VOR RWY 26			KCMA	CAMARILLO	CA (US)
IAP	VOR/DME OR GPS-B			KEMT	EL MONTE	CA (US)
IAP	VOR-A			KWHP	LOS ANGELES	CA (US)
IAP	ILS RWY 25			KOXR	OXNARD	CA (US)
IAP	LOC RWY 25			KOXR	OXNARD	CA (US)

QUALITY CHECKED 5

IAP	VOR OR GPS-A	KSMO	SANTA MONICA	CA (US)
IAP	ILS RWY 16R	KVNY	VAN NUYS	CA (US)
IAP	LDA-C	KVNY	VAN NUYS	CA (US)
IAP	VOR-A	KVNY	VAN NUYS	CA (US)
IAP	VOR/DME OR GPS-B	KVNY	VAN NUYS	CA (US)
STAR	FERNANDO	KBUR	BURBANK	CA (US)
STAR	LYNXX	KBUR	BURBANK	CA (US)
STAR	KIMMO	KLAX	LOS ANGELES	CA (US)

INFO ONLY

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8 **DATE OF REVISION:** 04/05/2012

REASON FOR REVISION:
UPDATED PAT 1-4 OBS.
MOVED "PRECIPITOUS TERRAIN EVAL COMPLETE" FROM RESTRICTIONS TO REMARKS.
ADDED PAT 3 CONTROLLING OBSTACLE REMARK.
REMOVED REMARK "ABOVE REMARKS RETAINED FOR HISTORICAL PURPOSES".
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 04/06/2011 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (KYLE THOMPSON)

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEZ SILAGYI

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: WST
ARTCC: ZLA
ATC FACILITY: SOCAL APP CON
OTHER: VNY ATCT, BUR ATCT

OFFICIAL USE ONLY 5

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: VENTURA VOR/DME **STATE:** CA **COUNTRY:** US

LATITUDE/LONGITUDE: 340654.21N/1190258.17W **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	FEET	MRA	MAA
1	VENTURA	VTU	VOR/DME	L							17500

FIX RESTRICTIONS:
SPECIAL PEEER (RNAV), KSMO, SANTA MONICA, CA

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

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	NW	VTU	VOR/DME	310.63	130.63	L	1-1 1/2		4300	17500	5	16

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	340654.00N/1185421.00W	3199	2C

REASON FOR NONSTANDARD HOLDING:
PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.
PAT 1 REQUIRES PRIOR COORDINATION WITH CONTROLLING AGENCY FOR HOLDING OVER R-2519 AND W-289.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	VAN NUYS			KBUR	BURBANK	CA (US)
DP	ANAHEIM			KFUL	FULLERTON	CA (US)
DP	ANAHEIM			KLGB	LONG BEACH	CA (US)
DP	CHATY			KLAX	LOS ANGELES	CA (US)
DP	PERCH			KLAX	LOS ANGELES	CA (US)
DP	SADDE			KLAX	LOS ANGELES	CA (US)
DP	VENTURA			KLAX	LOS ANGELES	CA (US)
DP	CAMARILLO			KOXR	OXNARD	CA (US)
DP	SKIFF			KOXR	OXNARD	CA (US)
DP	ANAHEIM			KSNA	SANTA ANA	CA (US)
DP	CHANNEL			KSNA	SANTA ANA	CA (US)
DP	IRVINE			KSNA	SANTA ANA	CA (US)
DP	FLOUNT			KSBA	SANTA BARBARA	CA (US)
DP	KWANG			KSBA	SANTA BARBARA	CA (US)
DP	SANTA BARBARA			KSBA	SANTA BARBARA	CA (US)
DP	PEEER (RNAV)			KSMO	SANTA MONICA	CA (US)
DP	NEWHALL			KVNY	VAN NUYS	CA (US)
EN ROUTE	V208					(US)
EN ROUTE	V27					(US)
EN ROUTE	V299					(US)
EN ROUTE	V485					(US)
EN ROUTE	V25					CA (US)
IAP	ILS OR LOC Z RWY 8			KBUR	BURBANK	CA (US)
IAP	LOC Y RWY 8			KBUR	BURBANK	CA (US)
IAP	RNAV (RNP) Z RWY 8			KBUR	BURBANK	CA (US)
IAP	VOR RWY 8			KBUR	BURBANK	CA (US)
IAP	RNAV (GPS) RWY 8			KCMA	CAMARILLO	CA (US)
IAP	VOR RWY 26			KCMA	CAMARILLO	CA (US)
IAP	RNAV (GPS) RWY 8			KWHP	LOS ANGELES	CA (US)
IAP	VOR-A			KWHP	LOS ANGELES	CA (US)
IAP	TACAN RWY 21			KNTD	OXNARD	CA (US)
IAP	ILS OR LOC RWY 25			KOXR	OXNARD	CA (US)
IAP	RNAV (GPS) RWY 7			KOXR	OXNARD	CA (US)
IAP	VOR RWY 25			KOXR	OXNARD	CA (US)
IAP	VOR OR GPS-A			KSMO	SANTA MONICA	CA (US)
IAP	VOR-A			KVNY	VAN NUYS	CA (US)
STAR	FERNANDO			KBUR	BURBANK	CA (US)
STAR	TANDY			KLGB	LONG BEACH	CA (US)
STAR	LEENA			KLAX	LOS ANGELES	CA (US)
STAR	OCEAN			KLAX	LOS ANGELES	CA (US)
STAR	SADDE			KLAX	LOS ANGELES	CA (US)
STAR	TANDY			KSNA	SANTA ANA	CA (US)
STAR	FERNANDO			KSMO	SANTA MONICA	CA (US)
STAR	FERNANDO			KVNY	VAN NUYS	CA (US)

QUALITY CHECK 5

INFO ONLY

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10 **DATE OF REVISION:** 12/15/2011

REASON FOR REVISION:
ADMINISTRATIVE REVISION - UPDATED LAT/LONG COORDINATES.

DEVELOPED BY:	**DATE:** 08/18/2011	**OFFICE:** AJV-354	**NAME:** EDWIN SIZEMORE
APPROVED BY:	**DATE:** 11/04/2011	**OFFICE:** AJV-354	**NAME:** DEZ SILAGYI
	SIGNATURE:		

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZLA
ATC FACILITY: NTD APP CON, SCT
OTHER:

QUALITY CHECK 5