

<b>Flight Procedure Tracking Form</b>		<b>Action:</b> FLIGHT CHECK	<b>Task Type:</b> IAP	<b>Date Open:</b> 04/03/2015	<b>Task #:</b> 2015040132125302003	<b>Request #:</b> 20150401321253
<b>Procedure:</b> ILS OR LOC RWY 1L AMDT 2			<b>Airport ID:</b> KLAS	<b>Airport:</b> MC CARRAN INTL		<b>Reimbursable #:</b> NO
<b>City:</b> LAS VEGAS	<b>ST:</b> NV	<b>GPS #:</b>	<b>Estimated Chart Date:</b> 08/17/2017		<b>FICO #:</b>	
<b>Fac ID:</b> CUA		<b>Fac. Type:</b> ILS			<b>Specialist:</b> LUCAS MCCLOUD	
<b>Procedure Review</b>						
	<b>Rec'd</b>	<b>Rel'd</b>	<b>Full Name</b>	<b>Comments</b>		
<b>Lead:</b>	12/22/2016					
<b>QA:</b>		5/22	CLARK			
<b>Liaison:</b>						
<b>Procedure Comments:</b> ENROUTE-NON <b>Remark Type:</b> INFORMATION  TEAM PROJECT. PER FPT AND ATC REQUEST, DO NOT SLIP CHART DATE.  ASSIGNED MAG VAR: KLAS: OLD 15E - NEW 11E CUA LOC/DME: OLD 15E - NEW 11E  CONCURRENT PUBLICATION WITH ILS OR LOC RWY 26L, AMDT 6 (APT/ILS'S MV UPDATE).  CONTACT: ROBERT HAMILTON 405-954-4608; AJV-5422 POC						

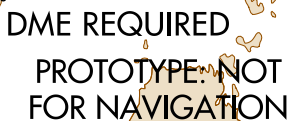
QUALITY  
28  
CHECKED

QUALITY  
18  
CHECKED

FIG

ILS or LOC RWY 1L  
MC CARRAN INTL (LAS)

D-ATIS	LAS VEGAS APP CON	LAS VEGAS TOWER	GND CON	CLNC DEL	CPDLC
132.4	125.025 379.15 (West)	118.75 257.8 (Rwy 1L/19R, 1R/19L)	121.1 270.8 E of 1R/19L		
	125.6 282.2 (East)	119.9 257.8 (Rwy 7L/25R, 7R/25L)	121.9 250.3 W of 1R/19L	118.0	



MC CARRAN INTL (LAS)

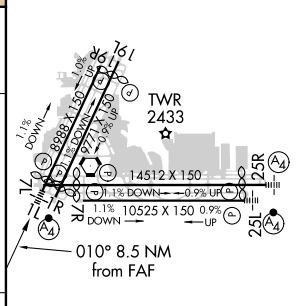
ILS or LOC RWY 1L

ILS or LOC/DME RWY 1L  
MC CARRAN INTL (LAS)

MALSF



**MISSED APPROACH:** Climb to 3000, then climbing right turn to 7000 direct BLD VORTAC and hold, continue climb-in-hold to 7000.

CPDLC

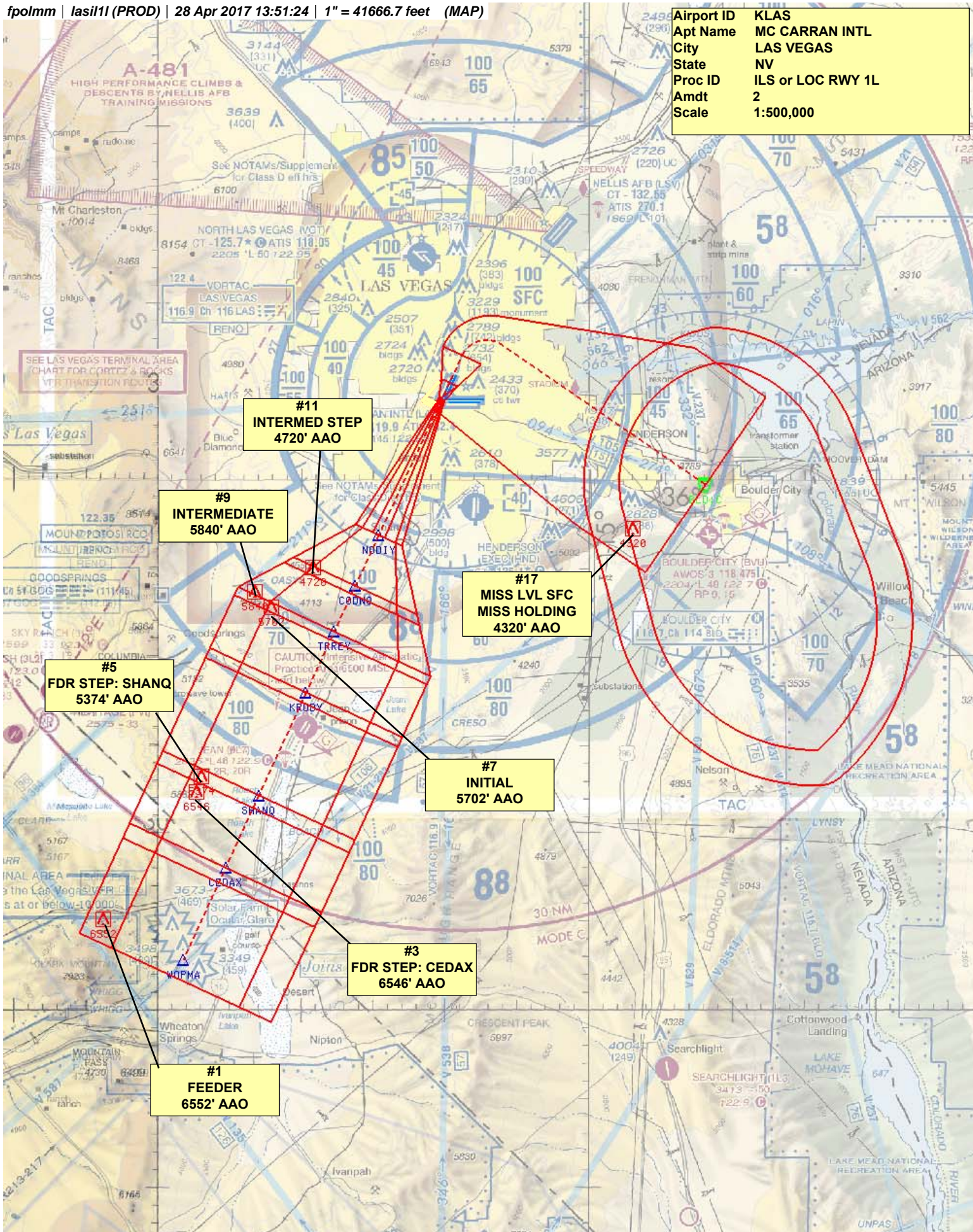
REIL Rwyws 1R, 7R, 19L and 19R  
MIRL Rwy 1R-19L  
HIRL Rwyws 1L-19R, 7L-25R and 7R-25L



NM 7 14 21 28 35 42 49  
FT 42000 84000 126000 168000 210000 252000 294000

fpolmm | lasil11 (PROD) | 28 Apr 2017 13:51:24 | 1" = 41666.7 feet (MAP)

Airport ID KLAS  
Apt Name MC CARRAN INTL  
City LAS VEGAS  
State NV  
Proc ID ILS or LOC RWY 1L  
Amdt 2  
Scale 1:500,000



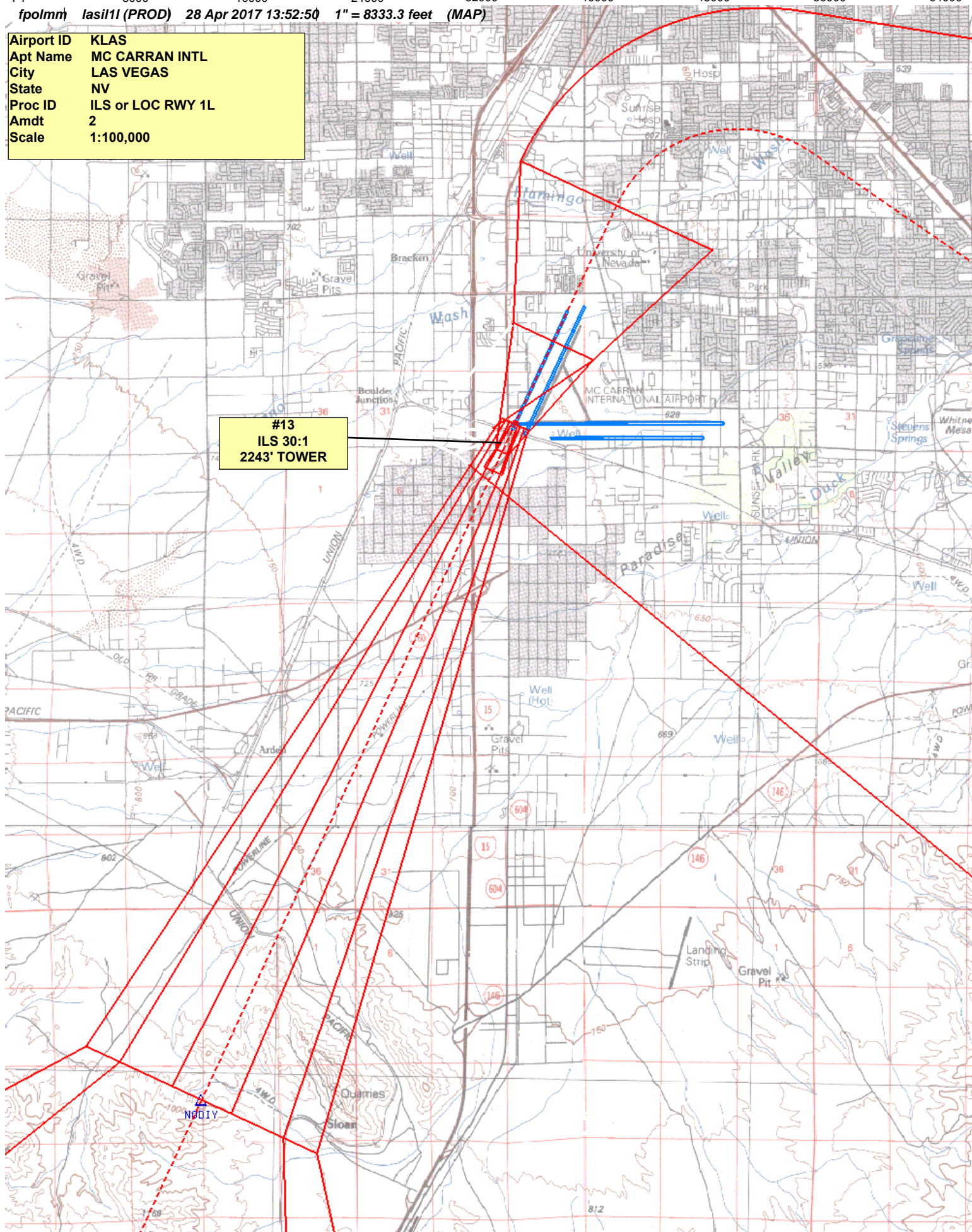


NM 1 2 3 4 5 6 7 8 9 10  
FT 8000 16000 24000 32000 40000 48000 56000 64000

fpolmm lasil11 (PROD) 28 Apr 2017 13:52:50 1" = 8333.3 feet (MAP)

Airport ID KLAS  
Apt Name MC CARRAN INTL  
City LAS VEGAS  
State NV  
Proc ID ILS or LOC RWY 1L  
Amdt 2  
Scale 1:100,000

#13  
ILS 30:1  
2243' TOWER

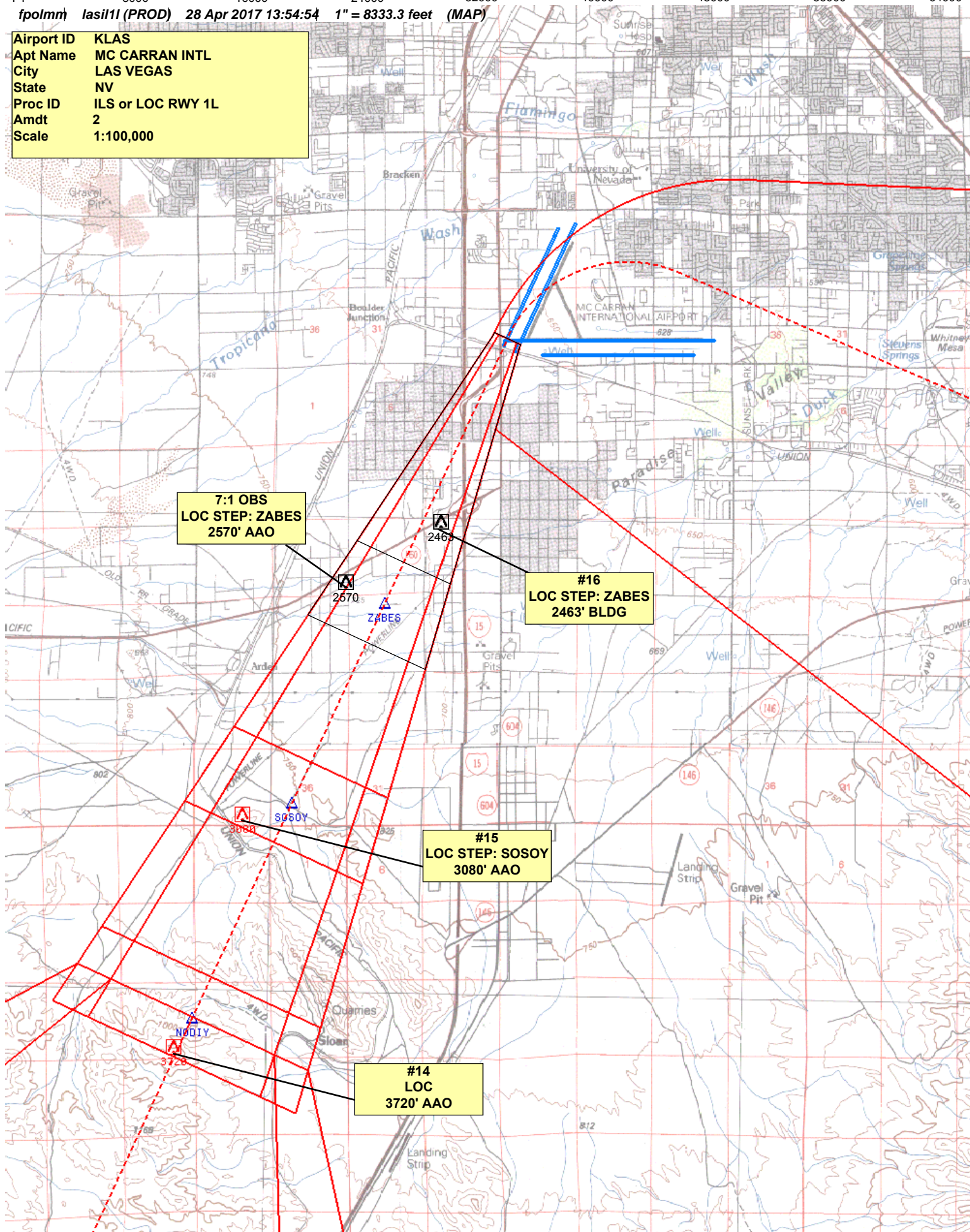




NM 1 2 3 4 5 6 7 8 9 10  
FT 8000 16000 24000 32000 40000 48000 56000 64000

fpolmm lasi/11 (PROD) 28 Apr 2017 13:54:54 1" = 8333.3 feet (MAP)

Airport ID KLAS  
Apt Name MC CARRAN INTL  
City LAS VEGAS  
State NV  
Proc ID ILS or LOC RWY 1L  
Amdt 2  
Scale 1:100,000





NM 1 2 3 4 5 6 7 8 9 10  
FT 8000 16000 24000 32000 40000 48000 56000 64000

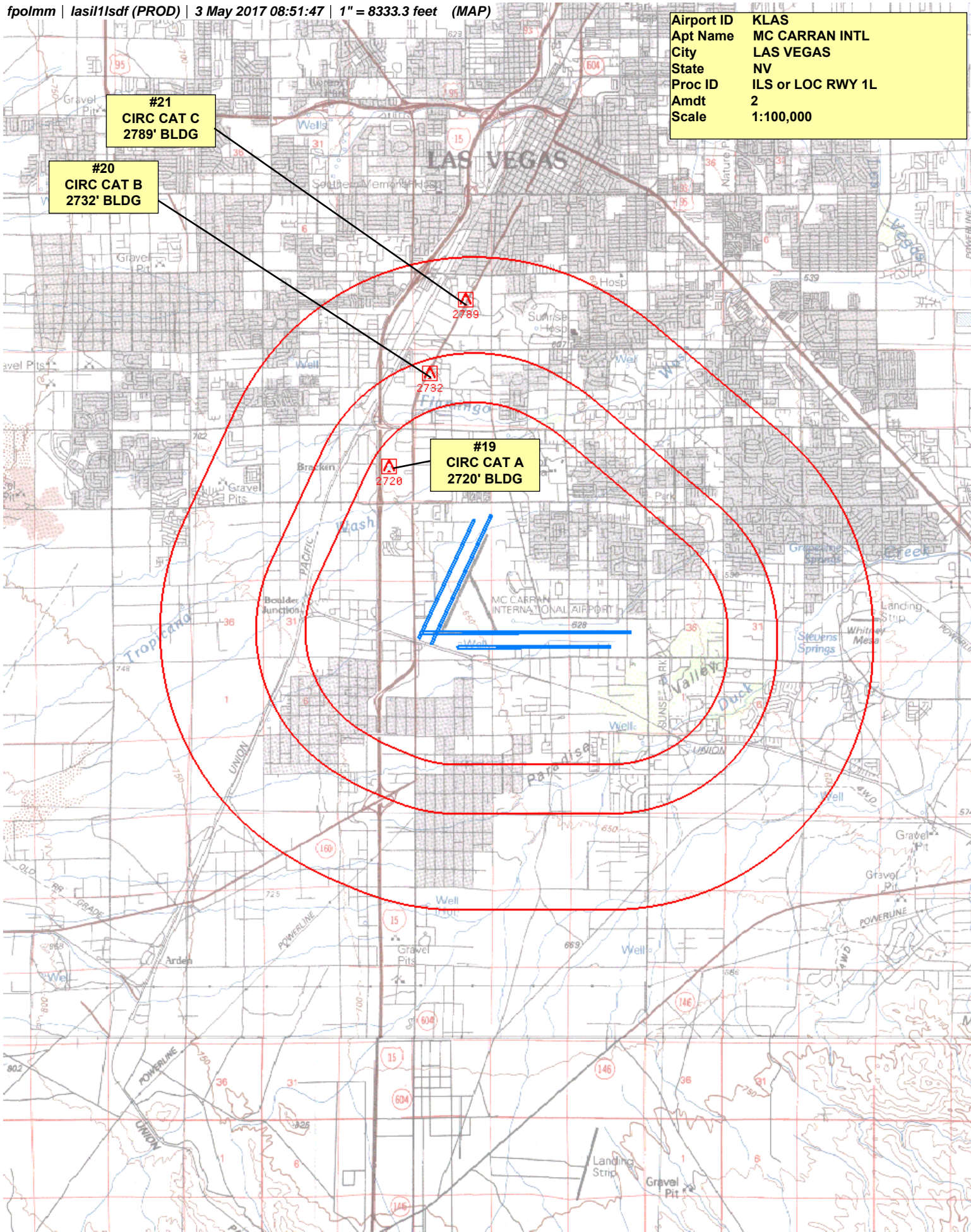
fpolmm | lasil1lsdf (PROD) | 3 May 2017 08:51:47 | 1" = 8333.3 feet (MAP)

Airport ID	KLAS
Apt Name	MC CARRAN INTL
City	LAS VEGAS
State	NV
Proc ID	ILS or LOC RWY 1L
Amdt	2
Scale	1:100,000

#21  
CIRC CAT C  
2789' BLDG

#20  
CIRC CAT B  
2732' BLDG

#19  
CIRC CAT A  
2720' BLDG



# Magnetic Variation (MV) Declination Request

☐ New Assignment    ☒ Change

Requested by: JEFFREY ROBINSON

Organization: AJV-5421

Phone: 405-954-3736

Current Magnetic Declination of Record: 15 ° East

Epoch Year: 1980

New Magnetic Declination of Record: 11 ° East

Epoch Year: 2020

Airport Information    Airport ID: KLAS    NASR ID (if different):

Airport Name: MCCARRAN INTL

Airport City: LAS VEGAS

State/Country: NV

## Navigational Aid Information [ALL Facility IDs and Types]

\* Facilities on Airports. At airports with localizer(s) or more than one navigational aid, the MV at the airport reference point (ARP) must be designated and assigned to all facilities at that airport, including all components of the ILS.

I-LAS  
I-RLE  
I-CUA

## Concurrent with Publication of Procedure(s), list all affected procedures and include the AMDT.#

\* The Procedure Tracking System (PTS) has Task Report Type "MAGVAR" available. Please add the MAGVAR Report Type Code to all task listed that are affected by the MV update.

STAR CLARR THREE	ILS OR LOC RWY 26L AMDT 6	ODP LAS VEGAS AMDT 8
STAR CRESSO FOUR	ILS OR LOC RWY 26R AMDT 19	SID BOACH EIGHT (RNAV)
STAR FUZZY EIGHT	ILS OR LOC/DME RWY 1L AMDT 2	SID COWBOY SEVEN (RNAV)
STAR GRNPA TWO (RNAV)	RNAV (GPS) RWY 1R AMDT 2	SID HOOVER SIX (RNAV)
STAR KADDY THREE	RNAV (GPS) RWY 19L AMDT 2	SID LAS VEGAS FIVE (RNAV)
STAR KEPEC FIVE (RNAV)	RNAV (GPS) RWY 19R AMDT 2	SID MCCARRAN FIVE
STAR LUXOR THREE	VOR RWY 26 L/R AMDT 4	SID PRFUM FOUR (RNAV)
STAR SITEE TWO (RNAV)		SID SHEAD ONE (RNAV)
STAR SUNST FOUR (RNAV)		SID STAAV EIGHT (RNAV)
STAR TYSSN FIVE (RNAV)		SID TRALR EIGHT (RNAV)
		DVA LAS VEGAS ORIG

PTS Estimated Chart Date: 2017-08-17 - TPP

Comments:

PER FPT / MANAGEMENT, LAS VORTAC AND BLD VORTAC WILL NOT BE ROTATED AT THIS TIME.

### **Form Submission for Specialists:**

Save this form to your computer, then email it  
(as an attachment) to your Manager/Supervisor.

## **For Lead/Manager Use Only**

Comments (if applicable):

Lead/Manager: ROBERT HAMILTON

Phone: 405-954-4608



# INFORMATION ONLY

## TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: LAS VEGAS

STATE: NV

AIRPORT NAME: MC CARRAN INTL

ID: KLAS

PROCEDURE: ILS OR LOC/DME RWY 1L

AMDT: 1

DOCKET # :

(96-AXX-X/Required/Not Required)

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

- |   |              |                                |             |
|---|--------------|--------------------------------|-------------|
| 1. Distance from  | THLD         | to 1000' point                 | 6.00        |
| <small>(Enter THLD, FAF, ARP, FACILITY, as appropriate)</small>                           |              |                                |             |
| 2. Width of   | FINAL        | segment at 1000' point         | 1.51        |
| <small>(Enter appropriate segment , final, intermediate, etc.)</small>                    |              |                                |             |
| 3. True Course of   | FINAL        | segment containing 1000' point | 024.91      |
| 4. High Terrain in  | FINAL        | segment containing 1000' point | 3439        |
| 5. Distance from  | THLS         | to 1500' point                 | 9.44        |
| <small>(If 1500' point in PT maneuvering area or holding pattern note in remarks)</small> |              |                                |             |
| 6. Width of   | INTERMEDIATE | segment at 1500' point         | 1.88        |
| 7. True Course of   | INTERMEDIATE | segment containing 1500' point | 024.91      |
| 8. High Terrain in  | INTERMEDIATE | segment containing 1500' point | 4167        |
| 9. Threshold Coordinates (if straight-in) ...   | 360436.44N   | /                              | 1151010.30W |
| 10. ARP Coordinates .....   | 360448.20N   | /                              | 1150908.10W |
| 11. Runway Approach End and distance furthest from ARP.....RWY                            | 25R          |                                |             |
|   |              | Distance                       | 1.53 NM     |
| 12. FAF Coordinates .....   | 355653.82N   | /                              | 1151434.47W |
| <small>(Click to Select)</small>  |              |                                |             |

### REMARKS:

THLD DISPLACED 584 FEET; ACTUAL COORDINATES: 360431.20N/1151013.29W.

# INFORMATION ONLY

## ESV Details

Originating Office :		Airspace Docket Number :		Request Type : Establish	
<b>Facility Data</b>					
Chart Name : WOPMA		City : LAS VEGAS		Ident : CUA State : NV	
Type/Class : LOC		Frequency : M110.1		Reference No.: 12122860	
<b>Expanded Service Volume Data: (Requesting Officer)</b>					
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 000536-001	190	0	37	110	120
Requirement: KLAS ILS OR LOC 1L FEEDER FIX					
Signature: powell Dan		Routing Symbol: AJV-352			Date: 12/04/2012
<b>Expanded Service Volume Data: (FMO)</b>					
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude Action Type
FAA 000536-001	190	0	37	110	120 APPROVE
Requirement/Remarks: KLAS ILS OR LOC 1L FEEDER FIXAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.					
Signature: HEPSEN JOHN		Routing Symbol:			Date: 12/07/2012
<b>Expanded Service Volume Data: (Super FMO)</b>					
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude Action Type
FAA 000536-001	190	0	37	110	120 APPROVE
Requirement/Remarks: KLAS ILS OR LOC 1L FEEDER FIXAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.					
Signature: CHRISTEIN THOMAS		Routing Symbol:			Date: 12/10/2012
<b>Expanded Service Volume Data: (FIFO)</b>					
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude Action Type
FAA 000536-001	190	0			
Requirement/Remarks:					
Signature:		Routing Symbol:			Date:



# INFORMATION ONLY

## ESV Details

Originating Office :		Airspace Docket Number :		Request Type : Establish		
<b>Facility Data</b>						
Chart Name : CEDAX		City : LAS VEGAS		Ident : CUA		State : NV
Type/Class : LOC		Frequency : M110.1		Reference No.: 12122900		
<b>Expanded Service Volume Data: (Requesting Officer)</b>						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	
FAA 000536-002	190	0	31	110	<del>120</del>	
Requirement: KLAS ILS OR LOC 1L						
Signature: powell Dan		Routing Symbol:				Date: 12/04/2012
<b>Expanded Service Volume Data: (FMO)</b>						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 000536-002	190	0	31	110	120	APPROVE
Requirement/Remarks: KLAS ILS OR LOC 1LAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.						
Signature: HEPSEN JOHN		Routing Symbol:				Date: 12/07/2012
<b>Expanded Service Volume Data: (Super FMO)</b>						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 000536-002	190	0	31	110	120	APPROVE
Requirement/Remarks: KLAS ILS OR LOC 1LAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.						
Signature: CHRISTEIN THOMAS		Routing Symbol:				Date: 12/10/2012
<b>Expanded Service Volume Data: (FIFO)</b>						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 000536-002	190	0				
Requirement/Remarks:						
Signature:		Routing Symbol:				Date:

9700 10700  
11000

# INFORMATION ONLY

## ESV Details

Originating Office :		Airspace Docket Number :		Request Type : Establish		
<b>Facility Data</b>						
Chart Name : SHANQ		City : LAS VEGAS		Ident : CUA		State : NV
Type/Class : LOC		Frequency : M110.1		Reference No.: 12122920		
<b>Expanded Service Volume Data: (Requesting Officer)</b>						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	
FAA 000536-003	190	0	27	97	107	
Requirement: KLAS ILS OR LOC 1L IAF				8000	9700	
Signature: powell Dan		Routing Symbol: AJV-352				Date: 12/04/2012
<b>Expanded Service Volume Data: (FMO)</b>						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 000536-003	190	0	27	97	107	APPROVE
Requirement/Remarks: KLAS ILS OR LOC 1L IAFAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.						
Signature: HEPSEN JOHN		Routing Symbol:			Date: 12/07/2012	
<b>Expanded Service Volume Data: (Super FMO)</b>						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 000536-003	190	0	27	97	107	APPROVE
Requirement/Remarks: KLAS ILS OR LOC 1L IAFAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.						
Signature: CHRISTEIN THOMAS		Routing Symbol:			Date: 12/10/2012	
<b>Expanded Service Volume Data: (FIFO)</b>						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 000536-003	190	0				
Requirement/Remarks:						
Signature:		Routing Symbol:			Date:	



# INFORMATION ONLY

## ESV Details

Originating Office :		Airspace Docket Number :		Request Type : Establish		
<b>Facility Data</b>						
Chart Name : KRUDY		City : LAS VEGAS		Ident : CUA State : NV		
Type/Class : LOC		Frequency : M110.1		Reference No.: 12122922		
<b>Expanded Service Volume Data: (Requesting Officer)</b>						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	
FAA 000536-004	190	0	20	80	90	
Requirement: KLAS ILS OR LOC 1L						
Signature: powell Dan		Routing Symbol:			Date: 12/04/2012	
<b>Expanded Service Volume Data: (FMO)</b>						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 000536-004	190	0	20	80	90	APPROVE
Requirement/Remarks: KLAS ILS OR LOC 1L APPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.						
Signature: HEPSEN JOHN		Routing Symbol:			Date: 12/07/2012	
<b>Expanded Service Volume Data: (Super FMO)</b>						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 000536-004	190	0	20	80	90	APPROVE
Requirement/Remarks: KLAS ILS OR LOC 1L APPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.						
Signature: CHRISTEIN THOMAS		Routing Symbol:			Date: 12/10/2012	
<b>Expanded Service Volume Data: (FIFO)</b>						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 000536-004	190	0				
Requirement/Remarks:						
Signature:		Routing Symbol:			Date:	

# INFORMATION ONLY

## ESV Details

Originating Office :		Airspace Docket Number :		Request Type : Establish		
<b>Facility Data</b>						
Chart Name : TRREY		City : LAS VEGAS		Ident : CUA State : NV		
Type/Class : LOC		Frequency : M110.1		Reference No.: 12122940		
<b>Expanded Service Volume Data: (Requesting Officer)</b>						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	
FAA 000536-005	190	0	17	70	80	
Requirement: KLAS ILS OR LOC 1L IF						
Signature: powell Dan		Routing Symbol: AJV-352			Date: 12/04/2012	
<b>Expanded Service Volume Data: (FMO)</b>						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 000536-005	190	0	17	70	80	APPROVE
Requirement/Remarks: KLAS ILS OR LOC 1L IFAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.						
Signature: HEPSEN JOHN		Routing Symbol:			Date: 12/07/2012	
<b>Expanded Service Volume Data: (Super FMO)</b>						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 000536-005	190	0	17	70	80	APPROVE
Requirement/Remarks: KLAS ILS OR LOC 1L IFAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.						
Signature: CHRISTEIN THOMAS		Routing Symbol:			Date: 12/10/2012	
<b>Expanded Service Volume Data: (FIFO)</b>						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 000536-005	190	0				
Requirement/Remarks:						
Signature:		Routing Symbol:			Date:	



# INFORMATION ONLY

## ESV Details

Originating Office :		Airspace Docket Number :		Request Type : Establish		
<b>Facility Data</b>						
Chart Name : CODNO		City : LAS VEGAS		Ident : CUA State : NV		
Type/Class : LOC		Frequency : M110.1		Reference No.: 12123020		
<b>Expanded Service Volume Data: (Requesting Officer)</b>						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	
FAA 000536-006	190	0	14	63	70	
Requirement: ILS OR LOC RWY 1L						
Signature: powell Dan		Routing Symbol:			Date: 12/05/2012	
<b>Expanded Service Volume Data: (FMO)</b>						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 000536-006	190	0	14	63	70	APPROVE
Requirement/Remarks: ILS OR LOC RWY 1LAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.						
Signature: HEPSEN JOHN		Routing Symbol:			Date: 12/07/2012	
<b>Expanded Service Volume Data: (Super FMO)</b>						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 000536-006	190	0	14	63	70	APPROVE
Requirement/Remarks: ILS OR LOC RWY 1LAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.						
Signature: CHRISTEIN THOMAS		Routing Symbol:			Date: 12/10/2012	
<b>Expanded Service Volume Data: (FIFO)</b>						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 000536-006	190	0				
Requirement/Remarks:						
Signature:		Routing Symbol:			Date:	

# INFORMATION ONLY

## ESV Details

Originating Office :		Airspace Docket Number :		Request Type : Establish		
<b>Facility Data</b>						
Chart Name : WOPMA		City : LAS VEGAS		Ident : CUA State : NV		
Type/Class : DME		Frequency : M999		Reference No.: 12122880		
<b>Expanded Service Volume Data: (Requesting Officer)</b>						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	
FAA 991132-006	190	0	37	110	120	
Requirement: KLAS ILS OR LOC 1L FEEDER FIX						
Signature: powell Dan		Routing Symbol: AJV-352			Date: 12/04/2012	
<b>Expanded Service Volume Data: (FMO)</b>						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 991132-006	190	0	37	110	120	APPROVE
Requirement/Remarks: KLAS ILS OR LOC 1L FEEDER FIXAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.						
Signature: HEPSEN JOHN		Routing Symbol:			Date: 12/07/2012	
<b>Expanded Service Volume Data: (Super FMO)</b>						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 991132-006	190	0	37	110	120	APPROVE
Requirement/Remarks: KLAS ILS OR LOC 1L FEEDER FIXAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.						
Signature: CHRISTEIN THOMAS		Routing Symbol:			Date: 12/10/2012	
<b>Expanded Service Volume Data: (FIFO)</b>						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 991132-006	190	0				
Requirement/Remarks:						
Signature:		Routing Symbol:			Date:	



# INFORMATION ONLY

## ESV Details

Originating Office :		Airspace Docket Number :		Request Type : Establish		
<b>Facility Data</b>						
Chart Name : CEDAX		City : LAS VEGAS		Ident : CUA		State : NV
Type/Class : DME		Frequency : M999		Reference No.: 12122901		
<b>Expanded Service Volume Data: (Requesting Officer)</b>						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	
FAA 991132-007	190	0	31	110	120	
Requirement: KLAS ILS OR LOC 1L						
Signature: powell Dan			Routing Symbol:			Date: 12/04/2012
<b>Expanded Service Volume Data: (FMO)</b>						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 991132-007	190	0	31	110	120	APPROVE
Requirement/Remarks: KLAS ILS OR LOC 1LAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.						
Signature: HEPSEN JOHN			Routing Symbol:			Date: 12/07/2012
<b>Expanded Service Volume Data: (Super FMO)</b>						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 991132-007	190	0	31	110	120	APPROVE
Requirement/Remarks: KLAS ILS OR LOC 1LAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.						
Signature: CHRISTEIN THOMAS			Routing Symbol:			Date: 12/10/2012
<b>Expanded Service Volume Data: (FIFO)</b>						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 991132-007	190	0				
Requirement/Remarks:						
Signature:			Routing Symbol:			Date:

# INFORMATION ONLY

## ESV Details

Originating Office :		Airspace Docket Number :		Request Type : Establish	
<b>Facility Data</b>					
Chart Name : SHANQ		City : LAS VEGAS		Ident : CUA	
Type/Class : DME		Frequency : M999		State : NV	
				Reference No.: 12122921	
<b>Expanded Service Volume Data: (Requesting Officer)</b>					
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 991132-008	190	0	27	97	107
Requirement: KLAS ILS OR LOC 1L					
Signature: powell Dan		Routing Symbol:			Date: 12/04/2012
<b>Expanded Service Volume Data: (FMO)</b>					
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 991132-008	190	0	27	97	107
Requirement/Remarks: KLAS ILS OR LOC 1LAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.					
Signature: HEPSEN JOHN		Routing Symbol:			Date: 12/07/2012
<b>Expanded Service Volume Data: (Super FMO)</b>					
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 991132-008	190	0	27	97	107
Requirement/Remarks: KLAS ILS OR LOC 1LAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.					
Signature: CHRISTEIN THOMAS		Routing Symbol:			Date: 12/10/2012
<b>Expanded Service Volume Data: (FIFO)</b>					
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 991132-008	190	0			
Requirement/Remarks:					
Signature:		Routing Symbol:			Date:



# INFORMATION ONLY

## ESV Details

Originating Office :		Airspace Docket Number :		Request Type : Establish		
<b>Facility Data</b>						
Chart Name : KRUDY		City : LAS VEGAS		Ident : CUA State : NV		
Type/Class : DME		Frequency : M999		Reference No.: 12122923		
<b>Expanded Service Volume Data: (Requesting Officer)</b>						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	
FAA 991132-009	190	0	20	80	90	
Requirement: KLAS ILS OR LOC 1L						
Signature: powell Dan		Routing Symbol:			Date: 12/04/2012	
<b>Expanded Service Volume Data: (FMO)</b>						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 991132-009	190	0	20	80	90	APPROVE
Requirement/Remarks: KLAS ILS OR LOC 1LAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.						
Signature: HEPSEN JOHN		Routing Symbol:			Date: 12/07/2012	
<b>Expanded Service Volume Data: (Super FMO)</b>						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 991132-009	190	0	20	80	90	APPROVE
Requirement/Remarks: KLAS ILS OR LOC 1LAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.						
Signature: CHRISTEIN THOMAS		Routing Symbol:			Date: 12/10/2012	
<b>Expanded Service Volume Data: (FIFO)</b>						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 991132-009	190	0				
Requirement/Remarks:						
Signature:		Routing Symbol:			Date:	

# INFORMATION ONLY

## ESV Details

Originating Office :		Airspace Docket Number :		Request Type : Establish		
<b>Facility Data</b>						
Chart Name : TRREY		City : LAS VEGAS		Ident : CUA State : NV		
Type/Class : DME		Frequency : M999		Reference No.: 12122960		
<b>Expanded Service Volume Data: (Requesting Officer)</b>						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	
FAA 991132-010	190	0	17	70	80	
Requirement: KLAS ILS OR LOC 1L						
Signature: powell Dan			Routing Symbol: AJV-352		Date: 12/04/2012	
<b>Expanded Service Volume Data: (FMO)</b>						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 991132-010	190	0	17	70	80	APPROVE
Requirement/Remarks: KLAS ILS OR LOC 1LAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.						
Signature: HEPSEN JOHN		Routing Symbol:		Date: 12/07/2012		
<b>Expanded Service Volume Data: (Super FMO)</b>						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 991132-010	190	0	17	70	80	APPROVE
Requirement/Remarks: KLAS ILS OR LOC 1LAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.						
Signature: CHRISTEIN THOMAS		Routing Symbol:		Date: 12/10/2012		
<b>Expanded Service Volume Data: (FIFO)</b>						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 991132-010	190	0				
Requirement/Remarks:						
Signature:		Routing Symbol:		Date:		



# INFORMATION ONLY

## ESV Details

Originating Office :		Airspace Docket Number :		Request Type : Establish	
<b>Facility Data</b>					
Chart Name : CODNO		City : LAS VEGAS		Ident : CUA	
Type/Class : DME		Frequency : M999		State : NV	
				Reference No.: 13101788	
<b>Expanded Service Volume Data: (Requesting Officer)</b>					
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 991132-011	190	0	14	63	70
Requirement: ILS OR LOC/DME RWY 1L					
Signature: danner david		Routing Symbol: AJV-354			Date: 10/21/2013
<b>Expanded Service Volume Data: (FIFO)</b>					
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 991132-011	190	0			
Requirement/Remarks:					
Signature:		Routing Symbol:			Date: