

Flight Procedure Tracking Form		Action: FLIGHT CHECK	Task Type: IAP	Date Open: 04/03/2015	Task #: 2015040132125302002	Request #: 20150401321253
Procedure: ILS OR LOC RWY 26R AMDT 19			Airport ID: KLAS	Airport: MC CARRAN INTL	Reimbursable #: NO	
City: LAS VEGAS	ST: NV	GPS #:	Estimated Chart Date: 08/17/2017		FICO #:	
Fac ID: LAS		Fac. Type: ILS			Specialist: LUCAS MCCLOUD	
Procedure Review						
	Rec'd	Rel'd	Full Name	Comments		
Lead:	12/22/2016	05/03/2017	ROBERT HAMILTON			
QA:	05/03/2017	5/23	CLARK			
Liaison:						
Procedure Comments: ENROUTE-NON Remark Type: INFORMATION TEAM PROJECT. PER FPT AND ATC REQUEST, DO NOT SLIP CHART DATE. CANCELS WAIVER: 'EXCEPTION TO MAGVAR REQUIREMENTS' ASSIGNED MAG VAR: KLAS: OLD 15E - NEW 11E LAS 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

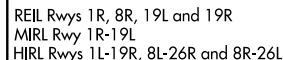
QUALITY
18
CHECKED

FIG

ILS or LOC RWY 26R
MC CARRAN INTL (LAS)

MISSED APPROACH: Climb to 3200 then climbing right turn to 6000 direct BLD VORTAC and hold, continue climb-in-hold to 6000.

PROTOTYPE-
NOT FOR NAVIGATION

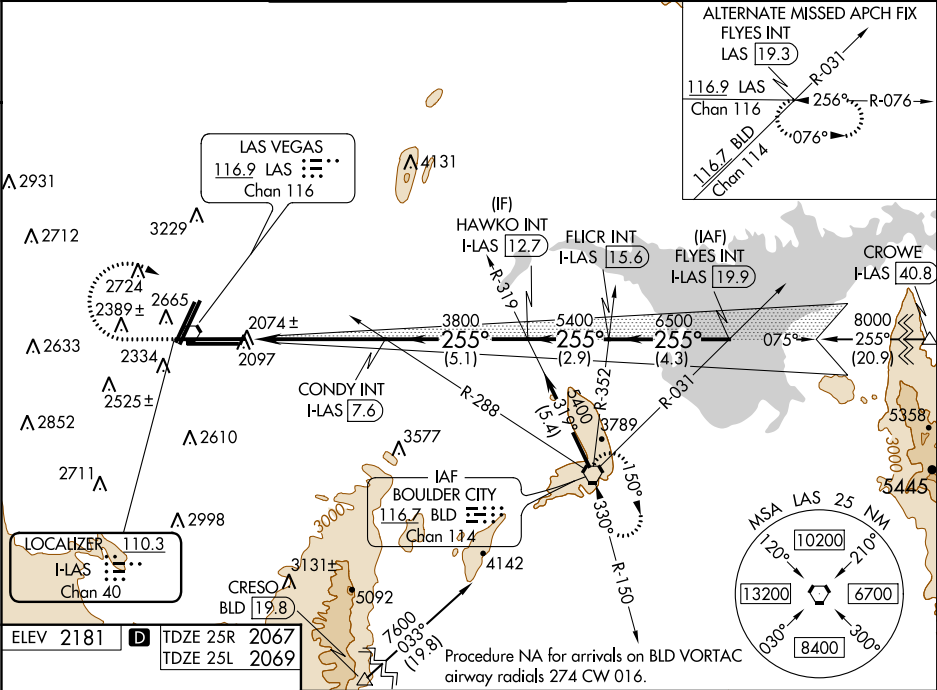


MC CARRAN INTL (LAS)
ILS or LOC RWY 26R

EXISTING

LAS VEGAS, NEVADA			AL-662 (FAA)		17061
LOC/DME I-LAS 110.3 Chan 40	APP CRS 255°	Rwy Idg 25R 12757 TDZE 2067 Apt Elev 2181	Rwy Idg 25L 10525 TDZE 2069 Apt Elev 2181	ILS or LOC RWY 25R MC CARRAN INTL (LAS)	

Inop table does not apply to Sidestep 25L. For inop MALS increase S-ILS 25R visibility all Cats to 1 mile, and S-LOC 25R Cat D and E visibility to 1½ mile.			MALS Rwy 25R 	MALS F Rwy 25L 	MISSED APPROACH: Climb to 3200 then climbing right turn to 6000 direct BLD VORTAC and hold.
ATIS 132.4	LAS VEGAS APP CON 125.025 379.15 (West) 125.6 282.2 (East)	LAS VEGAS TOWER 118.75 257.8 (Rwy 1L/19R, 1R/19L) 119.9 257.8 (Rwy 7L/25R, 7R/25L)	GND CON 121.1 270.8 E of 1R/19L 121.9 254.3 W of 1R/19L		CLNC DEL 118.0 CPDLC

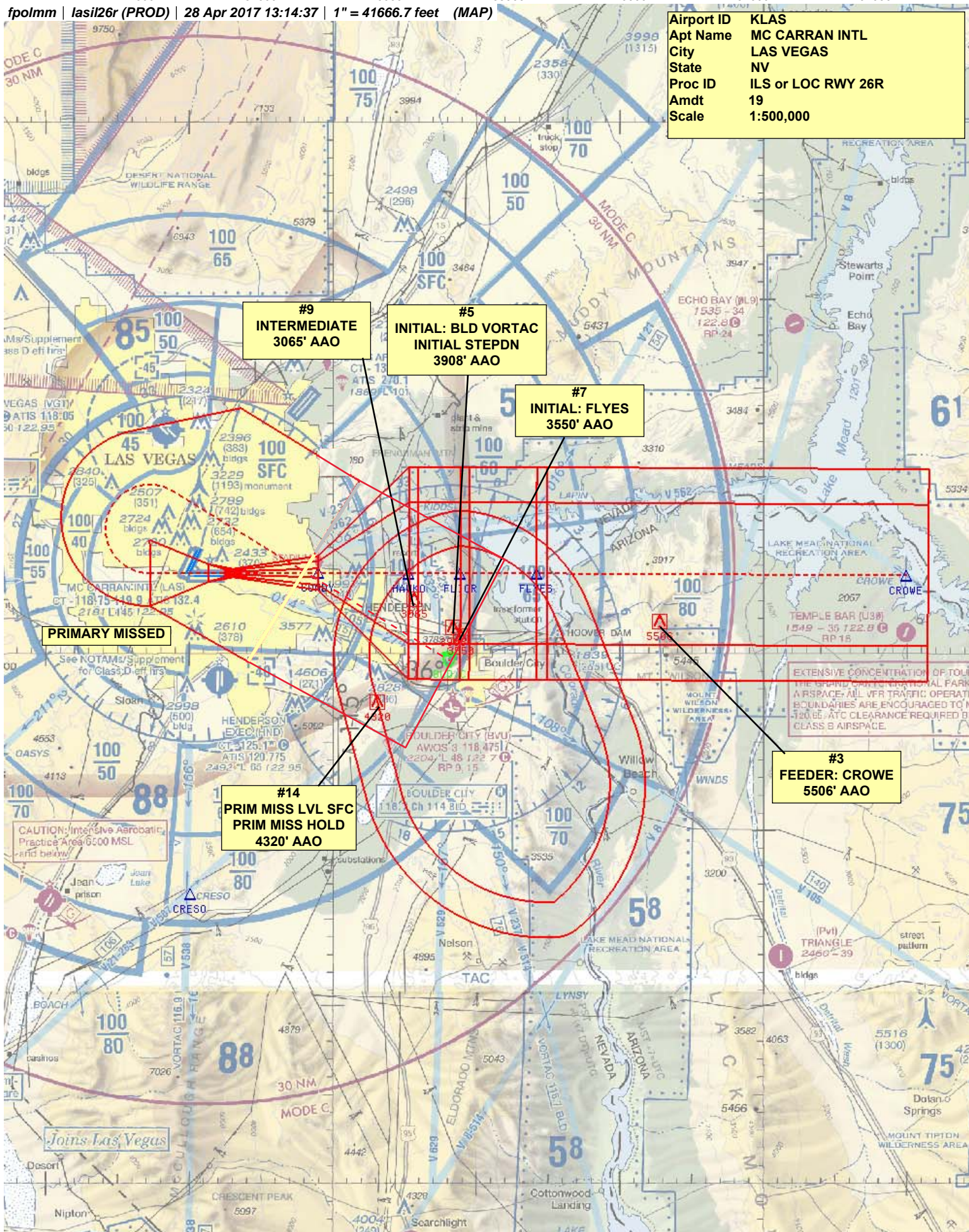


ELEV 2181 D TDZE 25R 2067 TDZE 25L 2069		Procedure NA for arrivals on BLD VORTAC airway radials 274 CW 016.				
		*LOC only				
REIL Rwy 1R, 7R, 19L and 19R MIRL Rwy 1R-19L HIRL Rwy 1L-19R, 7L-25R and 7R-25L		S-ILS 25R 2359-¾ 292 (200-¾)				
FAF to MAP 5.3 NM		S-LOC 25R 2560-¾ 493 (400-¾) 2560-1½ 493 (400-1½)				
Knots 60 90 120 150 180 Min:Sec 5:18 3:32 2:39 2:07 1:46		SIDESTEP RWY 25L 2560-1 491 (400-1) 2560-1½ 491 (400-1½) 2560-2 491 (400-2)				
		3080-1¼ 899 (900-1¼) 3100-2¾ 919 (1000-2¾) 3540-3 1359 (1400-3)				

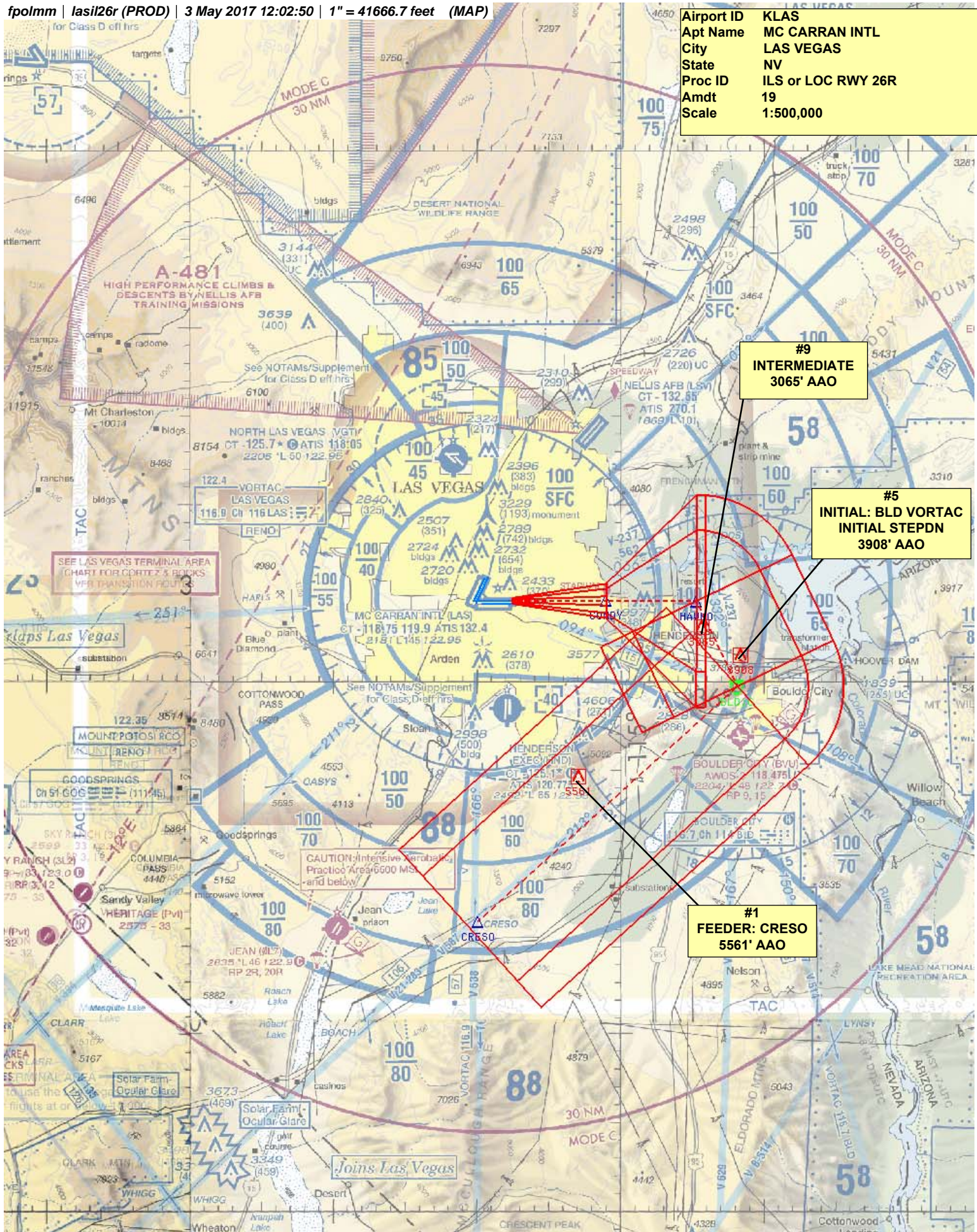
NM 7 14 21 28 35 42 49
FT 42000 84000 126000 168000 210000 252000 294000

fpolmm lasil26r (PROD) | 28 Apr 2017 13:14:37 | 1" = 41666.7 feet (MAP)

Airport ID KLAS
Apt Name MC CARRAN INTL
City LAS VEGAS
State NV
Proc ID ILS or LOC RWY 26R
Amdt 19
Scale 1:500,000



Airport ID	KLAS
Apt Name	MC CARRAN INTL
City	LAS VEGAS
State	NV
Proc ID	ILS or LOC RWY 26R
Amdt	19
Scale	1:500,000



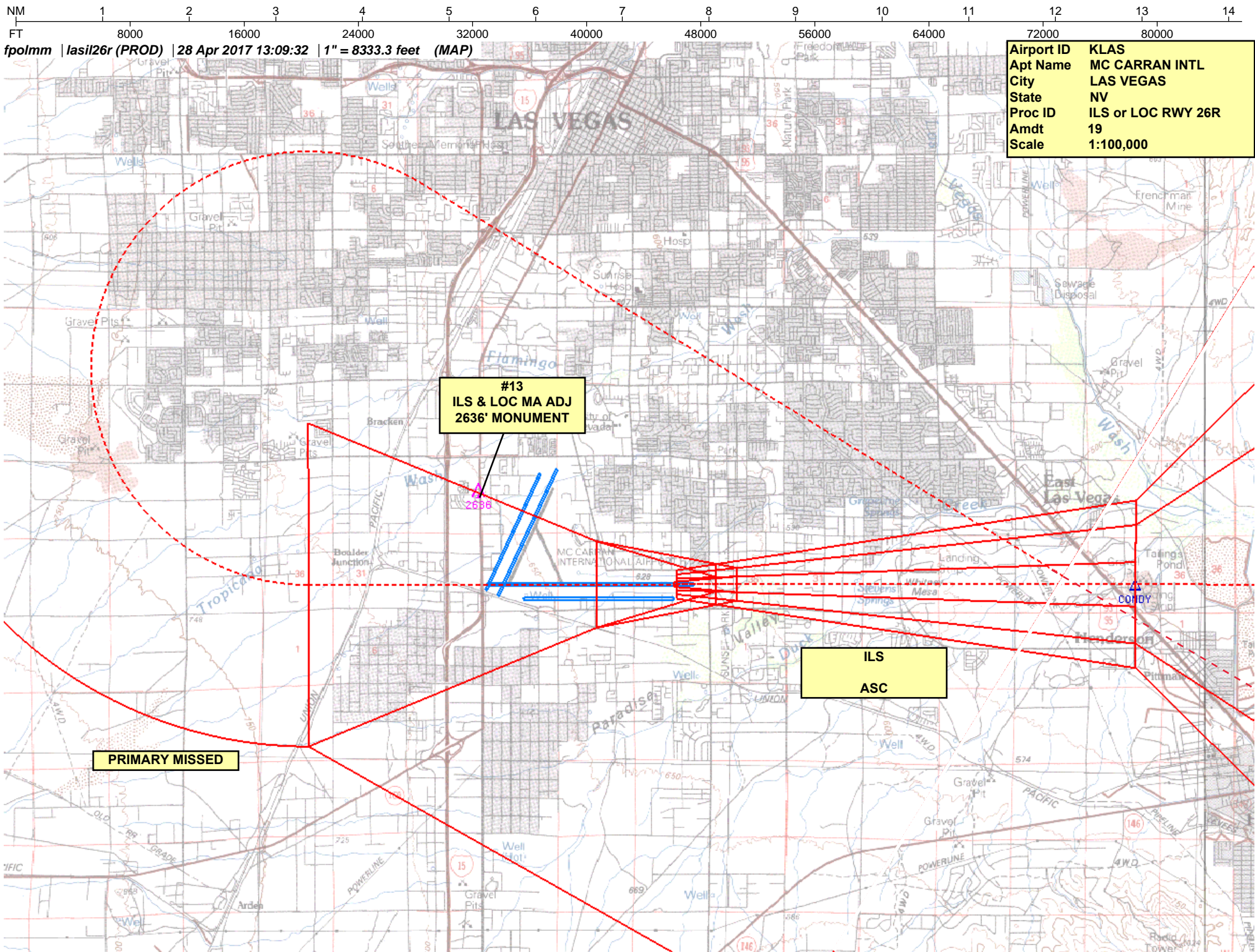
NM 7 14 21 28 35 42 49 56 63 70
FT 42000 84000 126000 168000 210000 252000 294000 336000 378000 420000
fpolmm | lasil26ram (PROD) | 28 Apr 2017 13:38:21 | 1" = 41666.7 feet (MAP)

Airport ID	KLAS
Apt Name	MC CARRAN INTL
City	LAS VEGAS
State	NV
Proc ID	ILS or LOC RWY 26R
Amdt	19
Scale	1:500,000

#16
ALT MISS
LVL SFC
4200' AAO

ALTERNATE MISSED

ALT MISS
HOLDING
5506' AAO



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

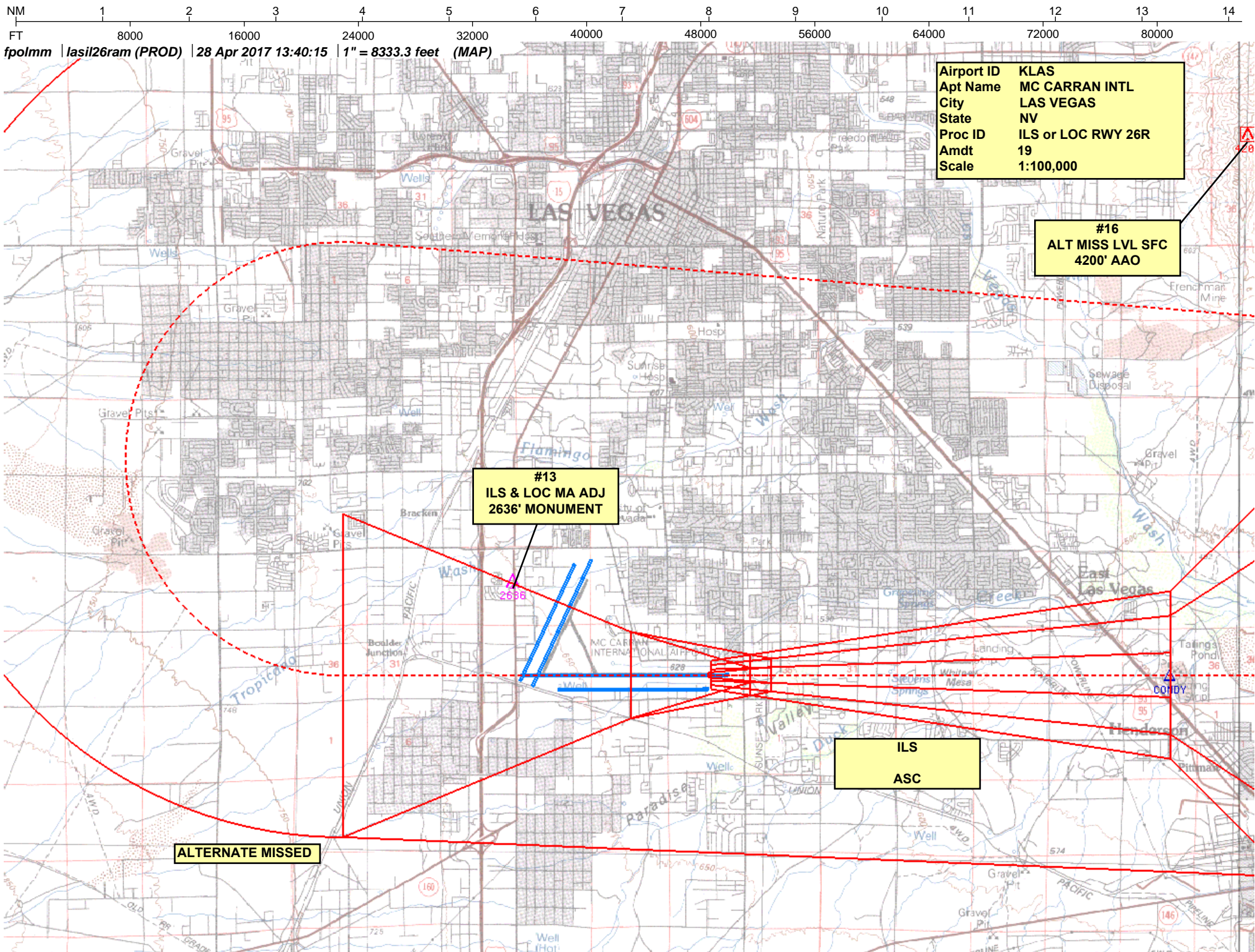
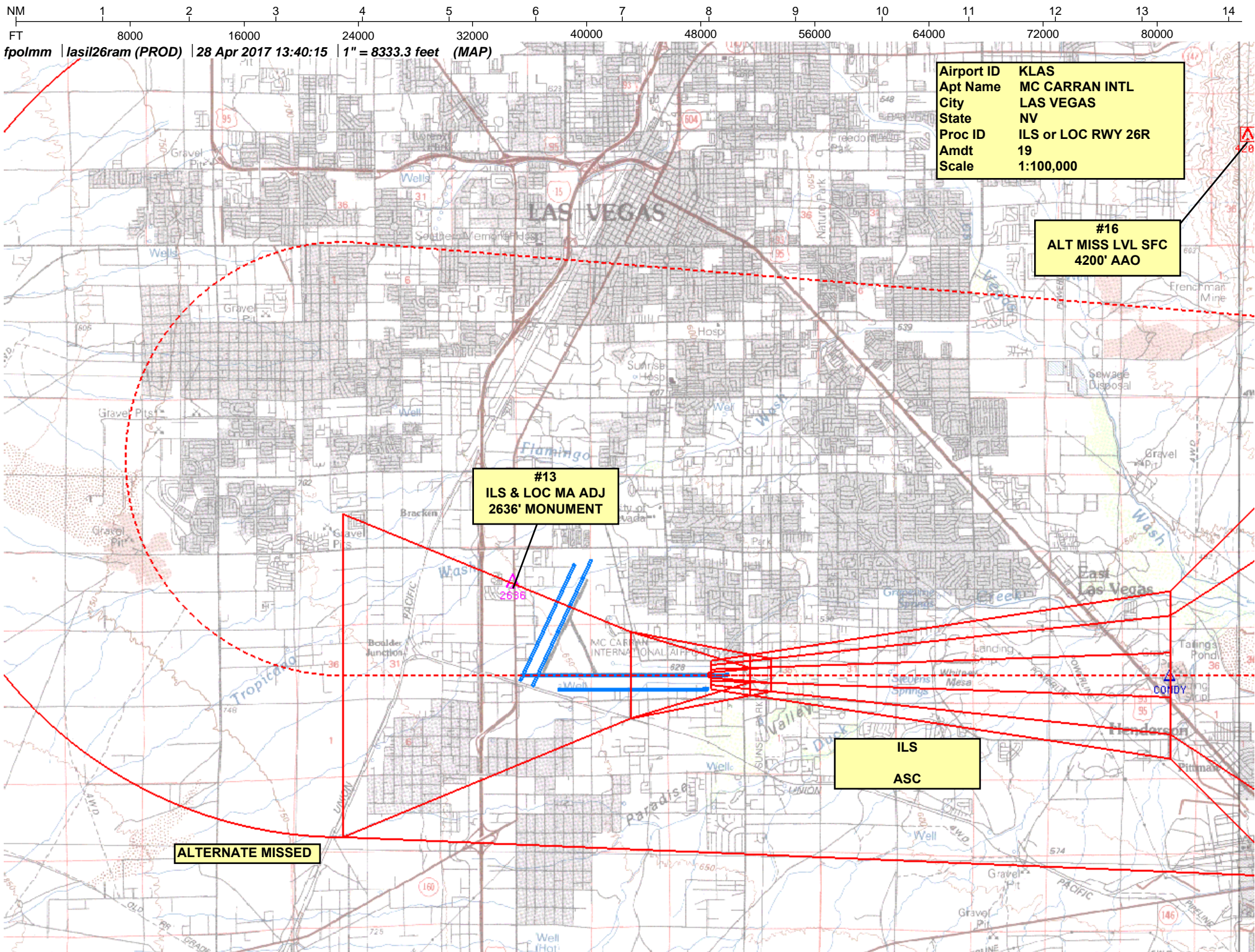
fpolmm | lasil26r (PROD) | 28 Apr 2017 13:09:32 | 1" = 8333.3 feet (MAP)

Airport ID	KLAS
Apt Name	MC CARRAN INTL
City	LAS VEGAS
State	NV
Proc ID	ILS or LOC RWY 26R
Amdt	19
Scale	1:100,000

#13
ILS & LOC MA ADJ
2636' MONUMENT

ILS
ASC

PRIMARY MISSED



Airport ID KLAS
Apt Name MC CARRAN INTL
City LAS VEGAS
State NV
Proc ID ILS or LOC RWY 26R
Amdt 19
Scale 1:100,000

#16
ALT MISS LVL SFC
4200' AAO

#13
ILS & LOC MA ADJ
2636' MONUMENT

ALS
ASC

ALTERNATE MISSED

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

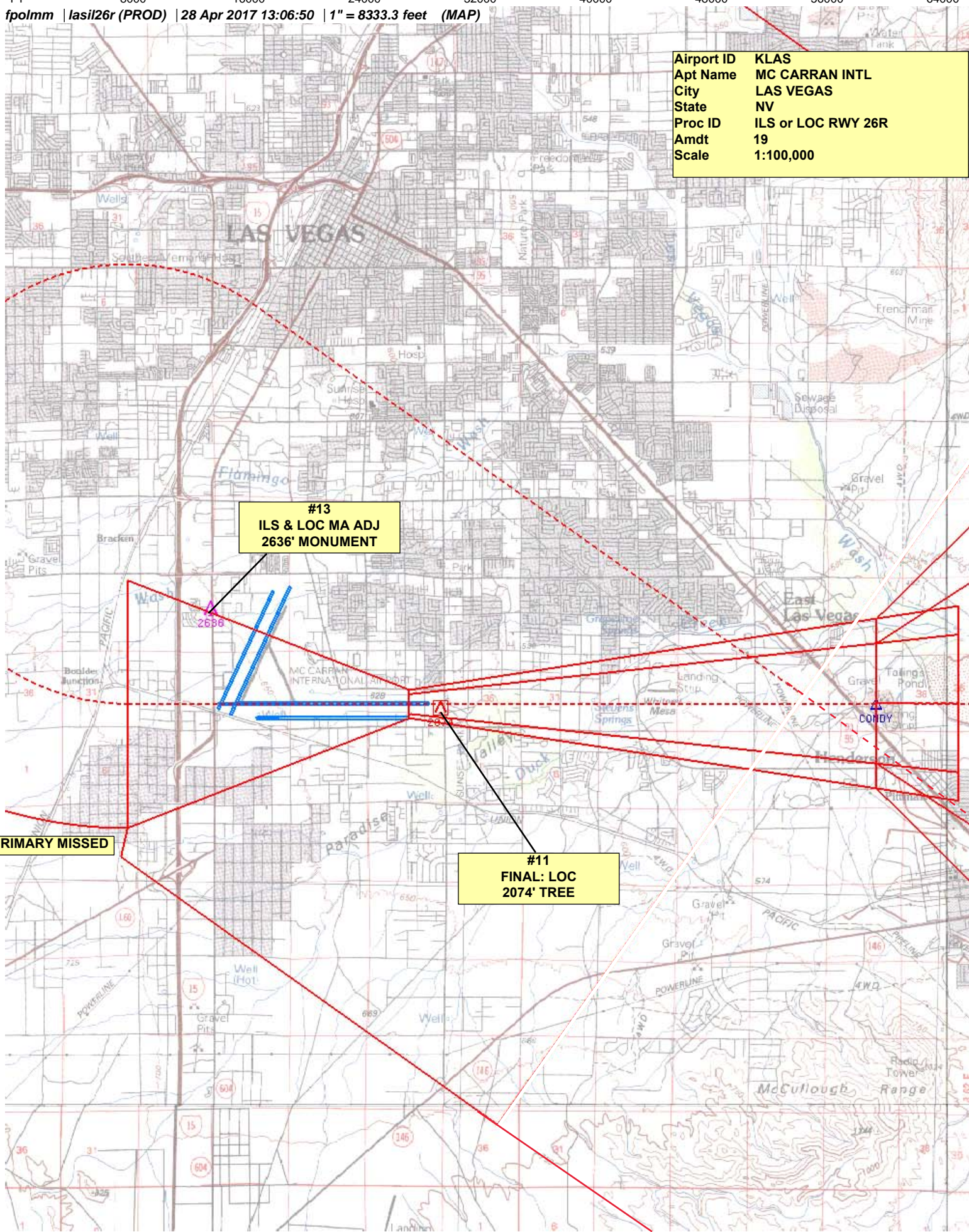
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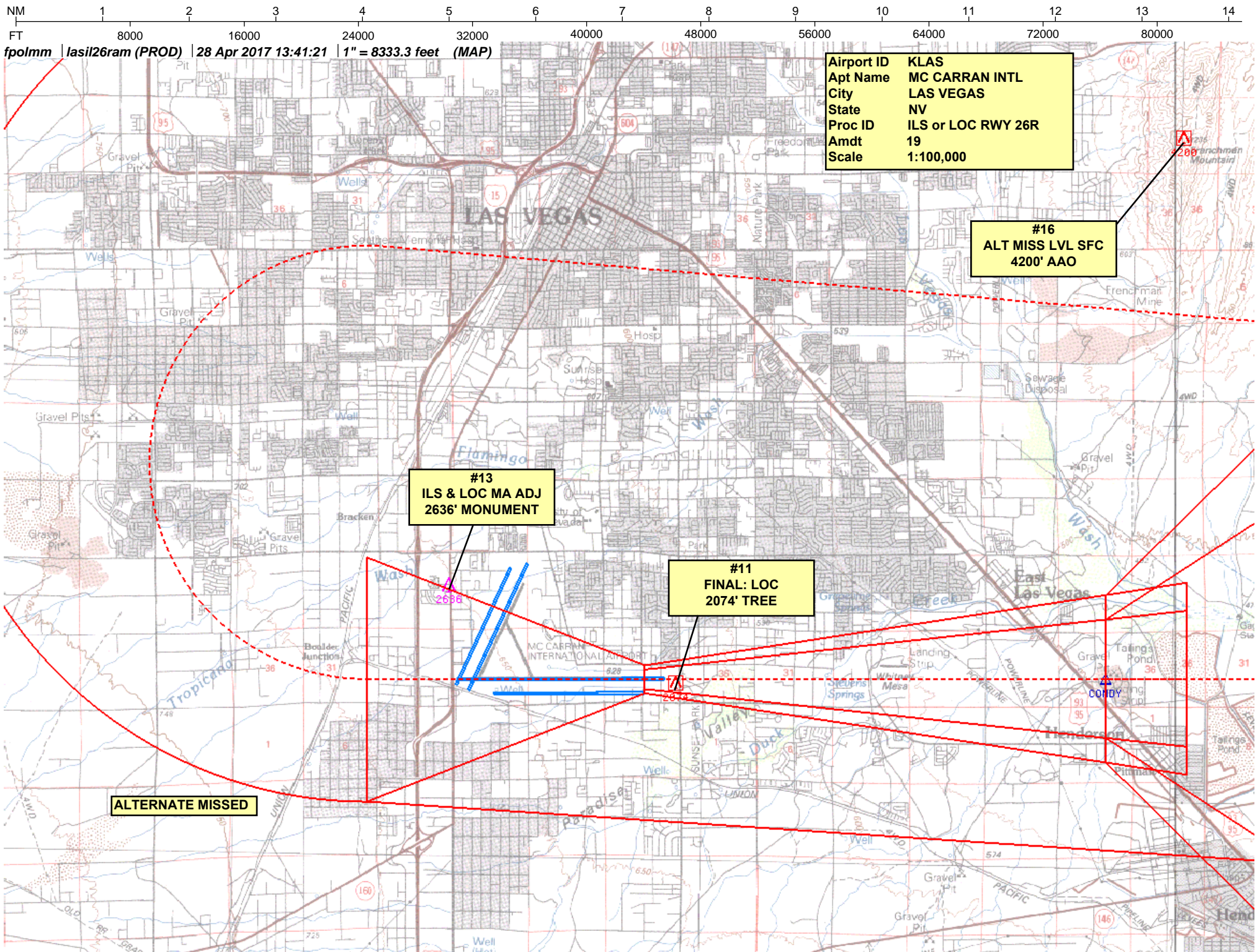
Airport ID	KLAS
Apt Name	MC CARRAN INTL
City	LAS VEGAS
State	NV
Proc ID	ILS or LOC RWY 26R
Amdt	19
Scale	1:100,000

#13
ILS & LOC MA ADJ
2636' MONUMENT

PRIMARY MISSED

#11
FINAL: LOC
2074' TREE





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

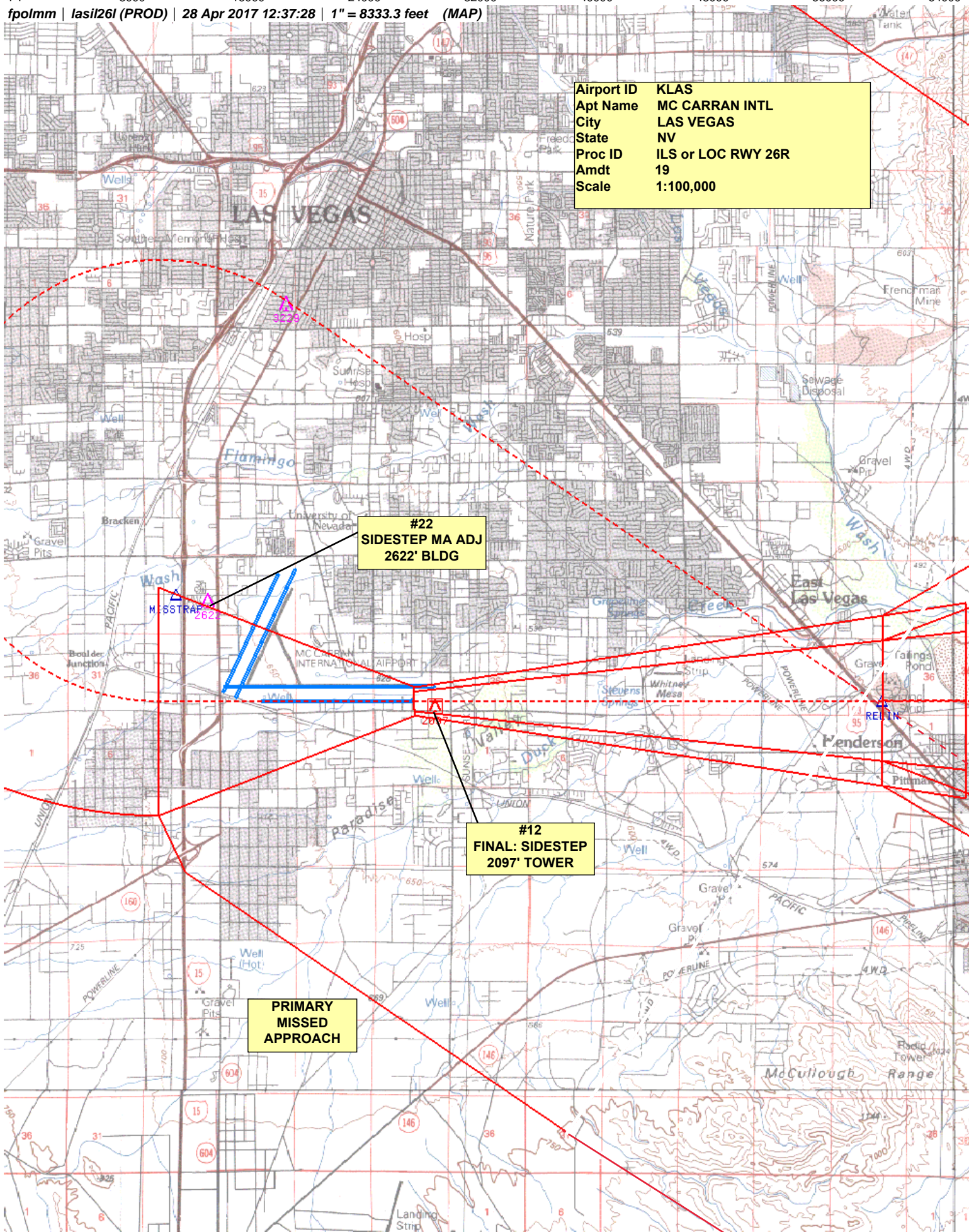
fpolmm | lasil26l (PROD) | 28 Apr 2017 12:37:28 | 1" = 8333.3 feet (MAP)

Airport ID KLAS
Apt Name MC CARRAN INTL
City LAS VEGAS
State NV
Proc ID ILS or LOC RWY 26R
Amdt 19
Scale 1:100,000

#22
SIDESTEP MA ADJ
2622' BLDG

#12
FINAL: SIDESTEP
2097' TOWER

PRIMARY
MISSED
APPROACH



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

fpolmm | lasil26l (PROD) | 28 Apr 2017 12:40:23 | 1" = 8333.3 feet (MAP)

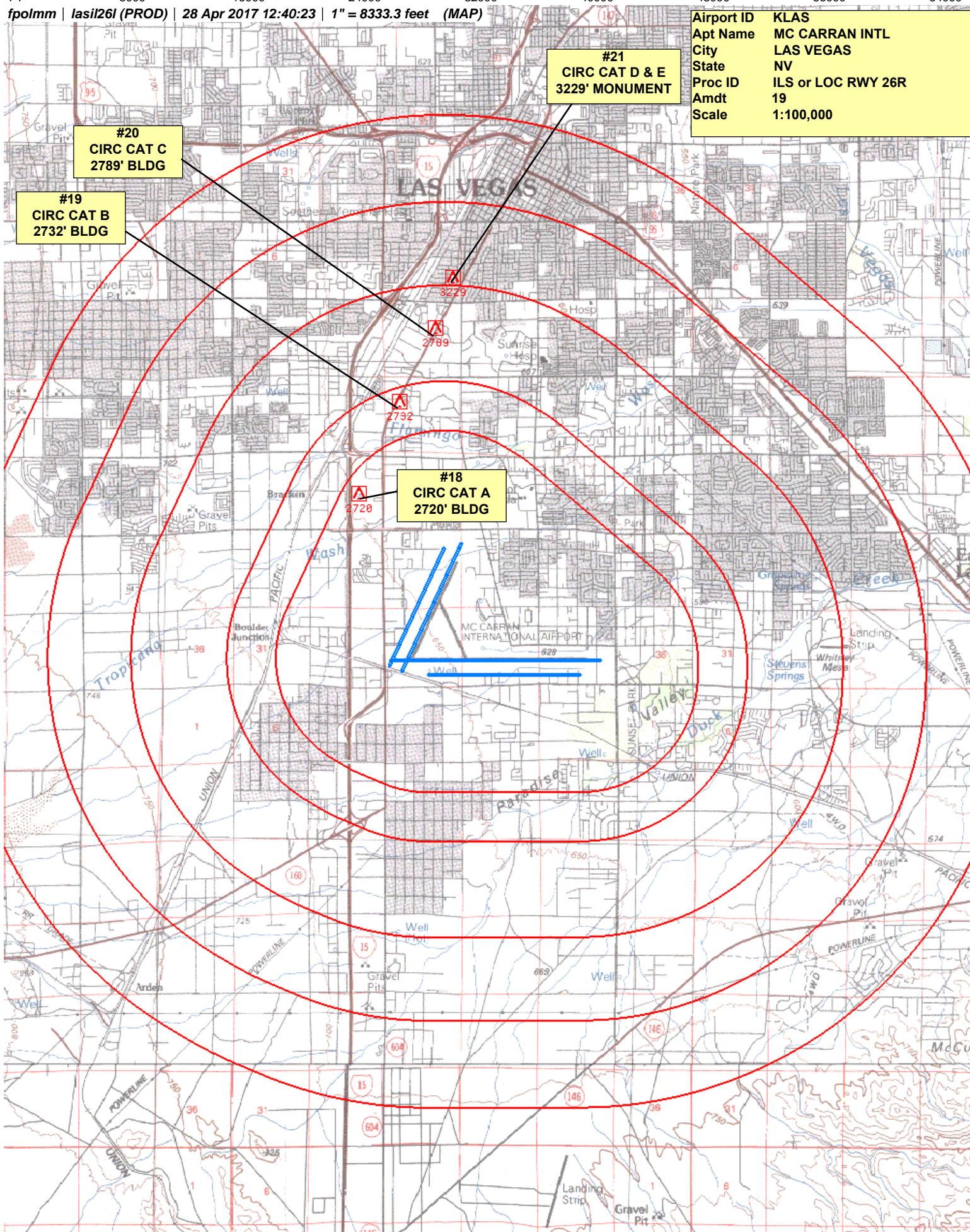
Airport ID	KLAS
Apt Name	MC CARRAN INTL
City	LAS VEGAS
State	NV
Proc ID	ILS or LOC RWY 26R
Amdt	19
Scale	1:100,000

#20
CIRC CAT C
2789' BLDG

#21
CIRC CAT D & E
3229' MONUMENT

#19
CIRC CAT B
2732' BLDG

#18
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

Pending ESVs Report

Region - WP

Ident - LAS City - LAS VEGAS, NV

Frequency - 1001-MHz

Facility - DME

Reference # - 17045637

Role	ESV ID	Radial 1	Radial 2	Distance	Alt Min	Alt Max	Date	Status
Requestor	FAA 041169-008	75	0	20	80	120	04/27/2017	SENT TO FMO

Requirement : GRANDFATHERED: ILS RWY 25R/FLYES (GRANDFATHER ESV FAA 041169-005)

Ident - LAS City - LAS VEGAS, NV

Frequency - 110.3-MHz

Facility - LOC

Reference # - 17045636

Role	ESV ID	Radial 1	Radial 2	Distance	Alt Min	Alt Max	Date	Status
Requestor	FAA 693401-007	75	0	20	80	120	04/27/2017	SENT TO FMO

Requirement : GRANDFATHERED: ILS RWY 25R/FLYES (SEE ESV FAA 693401-004)

Ident - LAS City - LAS VEGAS, NV

Frequency - 1203-MHz

Facility - TACAN

Reference # - 14012666

Role	ESV ID	Radial 1	Radial 2	Distance	Alt Min	Alt Max	Date	Status
FMO	FAA 704255-016	358	95	91	110	220	01/06/2014	FMO APPROVE

Remarks: KLAS, TRALR SID, MITIGATE CRITICAL DME'S, BCE TRANSITION APPROVED. FREQ. PROTECTION & FIELD STRENGTH. PENDING FLIGHT INSPECT @ REQUIRED. DIST. & MIN ALT.

Role	ESV ID	Radial 1	Radial 2	Distance	Alt Min	Alt Max	Date	Status
Requestor	FAA 704255-016	358	95	91	110	220	01/06/2014	SENT TO FMO

Requirement : KLAS, TRALR SID, MITIGATE CRITICAL DME'S, BCE TRANSITION

Role	ESV ID	Radial 1	Radial 2	Distance	Alt Min	Alt Max	Date	Status
FICO	FAA 704255-016	358	95	91	110	220	01/09/2014	SENT TO FIFO

Remarks: KLAS, TRALR SID, MITIGATE CRITICAL DME'S, BCE TRANSITION

Approved ESVs Report

INFORMATION ONLY

Ident - LAS	City - LAS VEGAS, NV		Frequency - 1001-MHz		Facility - DME	
ESV ID	Radial 1	Radial 2	Distance	Alt Min	Alt Max	Fight Check Date
FAA 041169-004	75	0	41	75	100	
Requirement : 040914EOK CITY 040914A 040917AAVN-160 FLIGHT CHECKED SAT ON 7/14/04 BY LARRY INGRAM ESV PAPE						
FAA 041169-005	75	0	41	80	250	
Requirement : ILS Rwy 25R/CROWE						
FAA 041169-006	75	0	50	88	250	
Requirement : ILS Rwy 25R						
FAA 041169-007	75	0	85	160	250	
Requirement : ILS Rwy 25R						

Ident - LAS		City - LAS VEGAS, NV		Frequency - 110.3-MHz		Facility - LOC	
ESV ID	Radial 1	Radial 2	Distance	Alt Min	Alt Max	Fight Check Date	
FAA 693401-001	70	0	40	35	200		
Requirement : 900101E RUNWAY 25 FC 900101A 900101A							
FAA 693401-002	75	0	41	35	75		
Requirement : 900101E RUNWAY 25 FC 900101A 900101A							
FAA 693401-003	75	0	80	35	200		
Requirement : 900101E RUNWAY 25 FC 900101A 900101A							
FAA 693401-004	75	0	41	80	250		
Requirement : ILS Rwy 25R/CROWE							
FAA 693401-005	75	0	50	88	250		
Requirement : ILS Rwy 25R							
FAA 693401-006	75	0	85	160	250		
Requirement : ILS Rwy 25R							

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **LAS VEGAS****INFORMATION ONLY**STATE: **NV**AIRPORT NAME: **McCARRAN INTERNATIONAL**ID: **KLAS**PROCEDURE: **ILS OR LOC 25R**AMDT: **17**

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 2.79
(Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of FINAL segment at 1000' point .83
(Enter appropriate segment, final, intermediate, etc.)
3. True Course of FINAL segment containing 1000' point 269.96
4. High Terrain in FINAL segment containing 1000' point 2018
5. Distance from THLD to 1500' point 4.36
(If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of FINAL segment at 1500' point 1.17
7. True Course of FINAL segment containing 1500' point 269.96
8. High Terrain in FINAL segment containing 1500' point 2018
9. Threshold Coordinates (if straight-in) ... *360435.05N / 1150732.97W
10. ARP Coordinates 360448.20N / 1150908.10W
11. Runway Approach End and distance furthest from ARP.....RWY 34R
Distance 4.84 NM
12. FAF Coordinates 360435.10N / 1150105.87W
(Click to Select)

REMARKS: Approach/Drawing attached. * RWY 25R DISPLACED THLD

INFORMATION ONLY



Federal Aviation Administration

Memorandum

Date: May 21, 2015

To: File

Digitally signed by

JILL M OLSON

From: Jill Olson, Manager, Instrument Flight Procedures Team 3

Subject: **ACTION**: Documentation of a Categorical Exclusion Under Order 1050.1

- A. Proposed Action: Establish a standard instrument approach procedure (IAP) titled ILS or LOC RWY 25R, McCarran Intl (KLAS), Las Vegas, NV.
- B. This action qualifies for consideration as a categorically excluded action as it falls under the following specific categorical exclusion provision: Publishing of Instrument Procedures conducted over noise sensitive areas; modifications to currently approved instrument procedures conducted below 3,000 feet AGL that do not increase minimum altitudes and landing minima.
- C. Other supporting information:
 - ASO-220 Memorandum dated April 5, 1989
 - AFS-1 Memorandum dated September 21, 1994
 - AVN-100 Memorandum dated July 23, 1996
- D. Review and analysis by the FAA does not indicate that any extraordinary circumstances listed in Order 1050.1 or other reasons exist that would cause the undersigned to believe that the proposed action might have the potential for causing significant environmental impacts upon its implementation. The proposed action does not individually or cumulatively have a significant effect on the human environment and, therefore, is determined to be categorically excluded from further environmental documentation according to Order 1050.1.

Date: 9/25/2008

1. FLIGHT PROCEDURE IDENTIFICATION:

Las Vegas, NV
McCarran Intl (LAS)
ILS or LOC Rwy 25R

INFORMATION ONLY

2. WAIVER REQUIRED AND APPLICABLE STANDARD:

Threshold Crossing Height (TCH) of 66.46 ft exceeds the maximum 60 ft.
FAAO 8260.3B, Vol. 3 Para 2.6.1 b. NOTE and Table 2-3.

3. REASON FOR WAIVER (JUSTIFICATION FOR NONSTANDARD TREATMENT):

The WSA Ops Engineering Support Center (Tech Ops) requested a Technical Review Board (TRB) to see if they can get some assurance that waivers for the excessive TCHs would be granted if the glide slope signal was adjusted and validated by Flight Inspection using the Best Fit Straight Line (BFSL) method reported Reference Datum Heights (RDH) within the 50-60 ft. requirement. The TRB endorsed the use of BFSL RDH (via waiver) in cases where it gives relief for high TCH values at approved locations. Due to cost of equipment relocation, WSA Tech Ops will be reconfiguring the glideslope antenna and electronically lowering the TCH to 60 ft. The electronic adjustment will be validated by flight check and reported as RDH.

4. EQUIVALENT LEVEL OF SAFETY PROVIDED:

WSA Tech Ops has modified and electronically adjusted the glide slope signal to lower the TCH. This adjustment will be validated by Flight Inspection using the BFSL method and submit the recorded RDH value for incorporation into the AIRNAV database. This lower RDH will increase the runway remaining distance for aircraft to decelerate. The previous FAAO 8240.47 guidance allowed Flight Inspection the ability to analyze glideslope (GS) performance based on actual achieved results, not theoretical values. Determining the RDH is still a viable and proven option which provides flexibility in reconfiguring GS facilities while preserving the critical aspects of assuring WCH at the threshold.

5. ALTERNATIVE ACTIONS DEEMED NOT FEASIBLE:

Relocation of the GS was evaluated by Western Service Area (WSA) Tech Ops. Due to relocation difficulties, the WSA Tech Ops will be reconfiguring the GS to achieve a lower RDH as opposed to relocation. The estimated GS reconfiguration start time is June 2015.

6. COORDINATION WITH USER ORGANIZATIONS (SPECIFY):

AJV-5430 *Digitally signed by*
JOHNNIE BAKER
May 21, 2015

7. SUBMITTED BY:

DATE	OFFICE IDENTIFICATION	TITLE	SIGNATURE
	AJV-5400	Manager, Instrument Flight Procedures Group	George Davis

Digitally signed by
JOHNNIE BAKER
May 21, 2015

8. AFS ACTIONS:

☐ APPROVED ☐ DISAPPROVED ☐ NOT REQUIRED

COMMENTS:

DATE	ROUTING SYMBOL	SIGNATURE
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1. FLIGHT PROCEDURE IDENTIFICATION:

Las Vegas, NV
McCarran Intl (LAS)
ILS OR LOC RWY 25L & ILS or LOC RWY 25R

2. WAIVER REQUIRED AND APPLICABLE STANDARD:

Exception to Magvar requirements
FAAO 8260.19F PARA 2-5-3 a, notes 1-3, b

3. REASON FOR WAIVER (JUSTIFICATION FOR NONSTANDARD TREATMENT):

All of the procedures at KLAS and procedures for other airports that use LAS VORTAC will have to be amended. KLAS runways will need renumbering from 7L/25R and 7R/25L to 8L/26R and 8R/26L respectively. Boulder City VORTAC (BLD) magnetic variation is also 4 degrees out of tolerance and will require rotation to epoch year 2020/E11. Nellis Air Force Base (AFB) ILS procedures use the LAS VORTAC. Therefore, coordination with the Air Force will be required. Nellis AFB airport MV is 3 degrees out of tolerance, and should be updated by the Air Force. Additionally, procedures at Phoenix (KPHX), North Las Vegas (KVGT) and Henderson Executive (KHND) will require amendment. Henderson Executive (KHND) and North Las Vegas (KVGT) Airports are 2 degrees off from the epoch year 2020 MV value. They are not out of tolerance but FAAO 8260.19F suggests they be evaluated for adjustment. It would be advisable to update the MV at these airports at the same time KLAS is updated since several procedures at these airports will have to be amended due to the LAS and BLD VORTAC magnetic adjustments. If KVGT airport MV is updated, runway 7/25 would need to be redesignated to 8/26. The total number of FAA procedures to be amended is 84. Due to the large number of procedures, this MV project cannot be charted earlier than the fall of 2016.

4. EQUIVALENT LEVEL OF SAFETY PROVIDED:

Chart dates starting in the Fall of 2016 will be reserved to amend all the procedures affected by airport and NAVAID magnetic variation adjustments. These date will also allow coordination with the Air Force, Tech Ops and ADO to renumber the affected airways.

5. ALTERNATIVE ACTIONS DEEMED NOT FEASIBLE:

There is no time or room in the 8/20/2015 chart cycle to amend all of these procedures. Therefore, the magnetic variation amendments will be required to chart at a later date. Moreover, OESG cannot postpone the glide slope antenna modification past 9/30/15, because they will lose their funding to lower the TCH signal.

6. COORDINATION WITH USER ORGANIZATIONS (SPECIFY):

AJV-5430 *Digitally signed by*
JOHNNIE BAKER
May 21, 2015

7. SUBMITTED BY:

DATE	OFFICE IDENTIFICATION	TITLE	SIGNATURE
	AJV-5400	Manager, Instrument Flight Procedures Group	George Davis <i>Digitally signed by</i> JOHNNIE BAKER May 21, 2015

8. AFS ACTIONS:

☒ **APPROVED** ☐ **DISAPPROVED** ☐ **NOT REQUIRED**

COMMENTS:

Approved Based on the Equivalent Level of Safety in Block 4.

DATE

ROUTING SYMBOL

SIGNATURE

Danny E Hamilton
Signed By: Danny E Hamilton Wed
Dec 9 2015 16:40:36 GMT-06:00:00
(Central Standard Time)

THIS WAIVER IS CANCELED EFFECTIVE AUG 17, 2017.
MAGVAR NOW UPDATED TO 2020.

Digitally signed by
ROBERT G HAMILTON
Jun 01, 2017

ESV Details

Originating Office :		Airspace Docket Number :		Request Type : Establish		
Facility Data						
Chart Name : MORMON MESA		City : MORMON MESA		Ident : MMM		State : NV
Type/Class : TACAN		Frequency : M1177		Reference No.: 17066217		
Expanded Service Volume Data: (Requesting Officer)						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	
FAA 698159-041	196	0	45	60	175	
Requirement: LAPIN (6000 REQUIRED FOR MISSED APPROACH FOR KLAS RWY 26R)						
Signature: Guimond Peter		Routing Symbol: AJV-5422				Date: 06/26/2017
Expanded Service Volume Data: (FMO)						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698159-041	196	0	45	60	175	APPROVE
Requirement/Remarks: LAPIN (6000 REQUIRED FOR MISSED APPROACH FOR KLAS RWY 26R)PEND FLT CHK @ REQ. DIST .& MIN ALT. CAPACITY STUDY REQ./INCREASED INTERROGATION LOAD MAY REDUCE TRANSPONDER REPLIES RESULTING IN LOSS OF DME SERVICE FOR SOME A/C						
Signature: Hughes Dennis		Routing Symbol:			Date: 06/26/2017	
Expanded Service Volume Data: (Super FMO)						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698159-041	196	0	45	60	175	APPROVE
Requirement/Remarks: LAPIN (6000 REQUIRED FOR MISSED APPROACH FOR KLAS RWY 26R)PEND FLT CHK @ REQ. DIST .& MIN ALT. CAPACITY STUDY REQ./INCREASED INTERROGATION LOAD MAY REDUCE TRANSPONDER REPLIES RESULTING IN LOSS OF DME SERVICE FOR SOME A/C						
Signature: Hughes Dennis		Routing Symbol:			Date: 06/26/2017	
Expanded Service Volume Data: (FIFO)						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698159-041	196	0				
Requirement/Remarks:						
Signature:		Routing Symbol:			Date:	

ESV Details

Originating Office :		Airspace Docket Number :		Request Type : Establish		
Facility Data						
Chart Name : MORMON MESA		City : MORMON MESA		Ident : MMM		State : NV
Type/Class : L-VOR		Frequency : M114.3		Reference No.: 17066216		
Expanded Service Volume Data: (Requesting Officer)						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	
FAA 697434-048	196	0	45	60	175	
Requirement: LAPIN (6000 REQUIRED FOR MISSED APPROACH FOR KLAS RWY 26R)						
Signature: Guimond Peter		Routing Symbol: AJV-5422				Date: 06/26/2017
Expanded Service Volume Data: (FMO)						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 697434-048	196	0	45	60	175	APPROVE
Requirement/Remarks: LAPIN (6000 REQUIRED FOR MISSED APPROACH FOR KLAS RWY 26R)APPROVED. FREQ. PROTECTION & FIELD STRENGTH. PENDING FLIGHT INSPECT @ REQUIRED. DIST. & MIN ALT.						
Signature: Hughes Dennis		Routing Symbol:			Date: 06/26/2017	
Expanded Service Volume Data: (Super FMO)						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 697434-048	196	0	45	60	175	APPROVE
Requirement/Remarks: LAPIN (6000 REQUIRED FOR MISSED APPROACH FOR KLAS RWY 26R)APPROVED. FREQ. PROTECTION & FIELD STRENGTH. PENDING FLIGHT INSPECT @ REQUIRED. DIST. & MIN ALT.						
Signature: Hughes Dennis		Routing Symbol:			Date: 06/26/2017	
Expanded Service Volume Data: (FIFO)						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 697434-048	196	0				
Requirement/Remarks:						
Signature:		Routing Symbol:			Date:	