

# RADIO FIX AND HOLDING DATA RECORD

NAME: CEDAX

STATE: NV

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 353805.74N/1152514.67W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

## FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	LAS VEGAS	I-CUA	LOC/DME		193.91	204.91	30.72	30.72		11000	12000

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-CUA	LOC/DME	R-194	31	11000	12000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

DME ANTENNA: 360601.73N/1150925.06W

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 1L	1		KLAS	LAS VEGAS	NV (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 08/17/2017

## REASON FOR REVISION:

FAC 1, MAG BRG UPDATED FROM 189.91 TO 193.91 (MV UPDATED FROM 15E TO 11E)  
ESV RADIAL UPDATED FROM 190 TO 194  
FIX USE: REMOVED 'DME' FROM KLAS ILS OR LOC/DME RWY 1L

DEVELOPED BY:      DATE: 04/19/2017      OFFICE: AJV-5422      NAME: LUCAS MCCLOUD

APPROVED BY:      DATE:      OFFICE: AJV-5420      NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: WST  
ARTCC: ZLA  
ATC FACILITY: LAS APP CON/ATCT  
OTHER:

QUALITY  
18  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: CODNO

STATE: NV

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 355401.94N/1151612.38W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

## FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	LAS VEGAS	I-CUA	LOC/DME		193.91	204.91	13.18	13.19		6300	7000

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-CUA	LOC/DME	R-194	14	6300	7000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

DME ANTENNA: 360601.73N/1150925.06W

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 1L	1		KLAS	LAS VEGAS	NV (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 08/17/2017

## REASON FOR REVISION:

FAC 1, MAG BRG UPDATED FROM 189.91 TO 193.91 (MV UPDATED FROM 15E TO 11E)

ESV RADIAL UPDATED FROM 190 TO 194

FIX USE: REMOVED 'DME' FROM KLAS ILS OR LOC/DME RWY 1L

DEVELOPED BY:

DATE: 04/19/2017

OFFICE: AJV-5422

NAME: LUCAS MCCLOUD

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: WST

ARTCC: ZLA

ATC FACILITY: LAS APP CON/ATCT

OTHER:

QUALITY  
18  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: KRUDY

STATE: NV

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 354759.79N/1151938.24W

TYPE: 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	FAC FEET	MRA	MAA
1	LAS VEGAS	I-CUA	LOC/DME		193.91	204.91	19.83	19.83		8000	9700

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-CUA	LOC/DME	R-194	20	8000	9700

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

DME ANTENNA: 360601.73N/1150925.06W

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 1L	1		KLAS	LAS VEGAS	NV (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 08/17/2017

## REASON FOR REVISION:

FAC 1, MAG BRG UPDATED FROM 189.91 TO 193.91 (MV UPDATED FROM 15E TO 11E)  
ESV RADIAL UPDATED FROM 190 TO 194  
FIX USE: REMOVED 'DME' FROM KLAS ILS OR LOC/DME RWY 1L  
REMOVED 'STAR' FROM REQUIRED CHARTING

DEVELOPED BY:      DATE: 04/19/2017      OFFICE: AJV-5422      NAME: LUCAS MCCLOUD

APPROVED BY:      DATE:      OFFICE: AJV-5420      NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:      NFDC  
FPO: WST  
ARTCC: ZLA  
ATC FACILITY: LAS APP CON/ATCT  
OTHER:

QUALITY  
18  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: NODIY

STATE: NV

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 355653.82N/1151434.47W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

## FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	LAS VEGAS	I-CUA	LOC/DME		193.91	204.91	10.03	10.04	60982	5300	6500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

DME ANTENNA: 360601.73N/1150925.06W

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 1L	1		KLAS	LAS VEGAS	NV (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 08/17/2017

## REASON FOR REVISION:

FAC 1, MAG BRG UPDATED FROM 189.91 TO 193.91 (MV UPDATED FROM 15E TO 11E)  
DELETED REMARK 'PFAF COORDINATES ESTABLISHED USING 8260.54A FORMULA 2-16B.'  
FIX USE: REMOVED 'DME' FROM KLAS ILS OR LOC/DME RWY 1L

DEVELOPED BY:

DATE: 04/19/2017

OFFICE: AJV-5422

NAME: LUCAS MCCLOUD

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: WST  
ARTCC: ZLA  
ATC FACILITY: LAS APP CON/ATCT  
OTHER:

QUALITY  
18  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: OGKIJ

STATE: NV

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 360425.54N/1151016.53W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

## FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	LAS VEGAS	I-CUA	LOC/DME		189.91	204.91	1.75	1.75		2360	6500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

DME ANTENNA: 360601.73N/1150925.06W

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC/DME RWY 1L	1		KLAS	LAS VEGAS	NV (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 04/03/2014

DEVELOPED BY:

DATE: 06/27/2013

OFFICE: AJV-354

NAME: DAVID DANNER

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: WST  
ARTCC: ZLA  
ATC FACILITY: LAS ATCT/LAS APP CON  
OTHER:

QUALITY  
18  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: SHANQ

STATE: NV

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 354211.26N/1152255.81W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

## FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	LAS VEGAS	I-CUA	LOC/DME		193.91	204.91	26.22	26.22		9700	10700

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-CUA	LOC/DME	R-194	27	9700	10700

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

DME ANTENNA: 360601.73N/1150925.06W

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 1L	1		KLAS	LAS VEGAS	NV (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 08/17/2017

## REASON FOR REVISION:

FAC 1, MAG BRG UPDATED FROM 189.91 TO 193.91 (MV UPDATED FROM 15E TO 11E)  
ESV RADIAL UPDATED FROM 190 TO 194  
FIX USE: REMOVED 'DME' FROM KLAS ILS OR LOC/DME RWY 1L

DEVELOPED BY:

DATE: 04/19/2017

OFFICE: AJV-5422

NAME: LUCAS MCCLOUD

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: WST  
ARTCC: ZLA  
ATC FACILITY: LAS APP CON/ATCT  
OTHER:

QUALITY  
18  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: SOSOY

STATE: NV

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 355920.32N/1151310.92W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

## FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	LAS VEGAS	I-CUA	LOC/DME		193.91	204.91	7.34	7.35		4200	6500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

DME ANTENNA: 360601.73N/1150925.06W

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 1L	1		KLAS	LAS VEGAS	NV (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 08/17/2017

## REASON FOR REVISION:

FAC 1, MAG BRG UPDATED FROM 189.91 TO 193.91 (MV UPDATED FROM 15E TO 11E)  
FIX USE: REMOVED 'DME' FROM KLAS ILS OR LOC/DME RWY 1L

DEVELOPED BY:

DATE: 04/19/2017

OFFICE: AJV-5422

NAME: LUCAS MCCLOUD

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: WST  
ARTCC: ZLA  
ATC FACILITY: LAS APP CON/ATCT  
OTHER:



# RADIO FIX AND HOLDING DATA RECORD

NAME: TRREY

STATE: NV

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 355126.54N/1151740.79W

TYPE: 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	FAC FEET	MRA	MAA
1	LAS VEGAS	I-CUA	LOC/DME		193.91	204.91	16.03	16.04		7000	8000

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-CUA	LOC/DME	R-194	17	7000	8000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

DME ANTENNA: 360601.73N/1150925.06W

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 1L	1		KLAS	LAS VEGAS	NV (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 08/17/2017

## REASON FOR REVISION:

FAC 1, MAG BRG UPDATED FROM 189.91 TO 193.91 (MV UPDATED FROM 15E TO 11E)

ESV RADIAL UPDATED FROM 190 TO 194

FIX USE: REMOVED 'DME' FROM KLAS ILS OR LOC/DME RWY 1L

DEVELOPED BY:

DATE: 04/19/2017

OFFICE: AJV-5422

NAME: LUCAS MCCLOUD

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: WST

ARTCC: ZLA

ATC FACILITY: LAS APP CON/ATCT

OTHER:

QUALITY  
18  
CHECKED



# RADIO FIX AND HOLDING DATA RECORD

NAME: WOPMA

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 353252.83N/1152811.29W

TYPE: 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	FAC FEET	MRA	MAA
1	LAS VEGAS	I-CUA	LOC/DME		193.91	204.91	36.45	36.45		11000	12000
2	BOULDER CITY	BLD	VORTAC	H	212.99	227.99	39.95	39.95		10000	17500

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-CUA	LOC/DME	R-194	37	11000	12000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

LAS VEGAS (FAC 1) USED TO ESTABLISH FIX COORDINATES  
I-CUA DME ANTENNA: 360601.73N/1150925.06W

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V21-283-587	2				(US)
IAP	ILS OR LOC RWY 1L	1		KLAS	LAS VEGAS	NV (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 08/17/2017

## REASON FOR REVISION:

FAC 1, MAG BRG UPDATED FROM 189.91 TO 193.91 (MV UPDATED FROM 15E TO 11E)  
ESV RADIAL UPDATED FROM 190 TO 194  
FIX USE: REMOVED 'DME' FROM KLAS ILS OR LOC/DME RWY 1L

DEVELOPED BY:

DATE: 04/19/2017

OFFICE: AJV-5422

NAME: LUCAS MCCLOUD

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: WST  
ARTCC: ZLA  
ATC FACILITY: LAS APP CON/ATCT  
OTHER:

QUALITY  
18  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: ZABES

STATE: NV

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 360136.59N/1151153.11W

TYPE: 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	FAC FEET	MRA	MAA
1	LAS VEGAS	I-CUA	LOC/DME		193.91	204.91	4.84	4.85		3300	6500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

DME ANTENNA: 360601.73N/1150925.06W

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 1L	1		KLAS	LAS VEGAS	NV (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 08/17/2017

## REASON FOR REVISION:

FAC 1, MAG BRG UPDATED FROM 189.91 TO 193.91 (MV UPDATED FROM 15E TO 11E)  
FIX USE: REMOVED 'DME' FROM KLAS ILS OR LOC/DME RWY 1L

DEVELOPED BY:

DATE: 04/19/2017

OFFICE: AJV-5422

NAME: LUCAS MCCLOUD

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: WST  
ARTCC: ZLA  
ATC FACILITY: LAS APP CON/ATCT  
OTHER:

QUALITY  
18  
CHECKED