

INFORMATION ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: ALBAS

STATE: CA

COUNTRY: US

LATITUDE/LONGITUDE: 333558.68N/1180440.16W

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	MRA	MAA
1	LOS ANGELES	LAX	VORTAC	H	123.33	138.33	26.70	26.70	2000	17500
2	SEAL BEACH	SLI	VORTAC	L	171.00	186.00		11.06	2000	17500
3	SANTA CATALINA	SXC	VORTAC	L	036.83	051.83		21.81	4000	17500

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

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	S	SLI	VORTAC	171.00	351.00	L	1	2000 4000	6 7
2	S		WP	171.00	351.00	L	5	2000 4000	6 7

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (06-000307)	333756.00N/1175615.00W	427	5D
2	230	TOWER (06-000307)	333756.00N/1175615.00W	427	5D

REASON FOR NONSTANDARD HOLDING:

PAT 2 AIR TRAFFIC REQUEST

PAT 1 AIR TRAFFIC

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V25	1, 2				(US)
IAP	VOR-A	2		KFUL	FULLERTON	CA (US)
IAP	ARSENAL VISUAL RWY 30			KLGB	LONG BEACH	CA (US)
IAP	RNAV (GPS) Z RWY 30			KLGB	LONG BEACH	CA (US)
IAP	RNAV (RNP) RWY 12		2	KLGB	LONG BEACH	CA (US)
IAP	RNAV (RNP) RWY 25R		2	KLGB	LONG BEACH	CA (US)
IAP	RNAV (RNP) Y RWY 30		2	KLGB	LONG BEACH	CA (US)
IAP	RADAR 1	2	1	KSLI	LOS ALAMITOS	CA (US)
IAP	RADAR 3	2	1	KSLI	LOS ALAMITOS	CA (US)
IAP	RNAV (GPS) RWY 22L		2	KSLI	LOS ALAMITOS	CA (US)
IAP	ILS RWY 29R	1		KTOA	TORRANCE	CA (US)
IAP	RNAV (GPS) RWY 29R			KTOA	TORRANCE	CA (US)
STAR	TANDY	1, 2, 3		KLGB	LONG BEACH	CA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 14

DATE OF REVISION: 03/31/2016

REASON FOR REVISION:

UPDATED HOLDING PAT 1 AND 2 CONTROLLING OBSTACLE

UPDATED FIX USE

DEVELOPED BY: DATE: 11/06/2015

OFFICE: AJV-5410

NAME: RAKE MCGRAW

APPROVED BY: DATE: 02/08/2016

OFFICE: AJV-5410

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: WST
ARTCC: ZLA
ATC FACILITY: SOCAL APP CON
OTHER: FUL ATCT, TOA ATCT, SLI ATCT, USAASA

QUALITY
25
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: DRIFY

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 334206.73N/1181109.17W

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	FAC FEET	MRA	MAA
1	TORRANCE	I-TOA	LOC/DME		114.46	128.46	10.30	10.29		1500	4500
2	SEAL BEACH	SLI	VORTAC	L	218.41	233.41		8.17		1500	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 29R	1, 2		KTOA	TORRANCE	CA (US)
IAP	RNAV (GPS) RWY 29R			KTOA	TORRANCE	CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 09/15/2016

REASON FOR REVISION:

UPDATE FAC 1, CHANGED MAG/TRUE BRG FROM 114.45/128.45 TO 114.46/128.46.

DEVELOPED BY: DATE: 06/09/2016 OFFICE: AJV-5433 NAME: HERMAN ROGERS

APPROVED BY: DATE: OFFICE: AJV-5430 NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: WST
ARTCC: ZLA
ATC FACILITY: LAX APP CON, TOA ATCT
OTHER:

QUALITY
25
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: INISH **STATE:** CA **COUNTRY:** US **ICAO REGION CODE:** K2

LATITUDE/LONGITUDE: 334514.08N/1183228.76W **TYPE:** WP, INT, DME

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	MRA	MAA
1	SEAL BEACH	SLI	VORTAC	L	251.00	266.00	24.40	24.40	3000	17500
2	LOS ANGELES	LAX	VORTAC	H	192.00	207.00	12.04	12.04	3000	45000

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

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	W		WP	251.00	071.00	R		4	3000	6000	5	6
2	W	SLI	VORTAC	251.00	071.00	R	1		3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	200	AAO	334452.60N/1182024.20W	1700	6C
1	200	SHIP	334654.94N/1183217.49W	213	2C
1	310	AAO	334539.00N/1182300.00W	1323	3E
2	200	SHIP	334654.94N/1183217.49W	213	2C

HOLDING RESTRICTIONS:

UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 3000.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	RNAV (GPS)RWY 29R	KTOA	TORRANCE	CA (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
SEAL BEACH (FAC 1) AND LOS ANGELES (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V8	1, 2				(US)
IAP	ILS OR LOC RWY 29R	1, 2	2	KTOA	TORRANCE	CA (US)
IAP	RNAV (GPS) RWY 11 L			KTOA	TORRANCE	CA (US)
IAP	RNAV (GPS)RWY 29R		1	KTOA	TORRANCE	CA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7 **DATE OF REVISION:** 09/15/2016

REASON FOR REVISION:

UPDATE FIX USE, REMOVED HOLDING PAT 1 FROM KTOA RNAV (GPS) RWY 11L AND ADDED KTOA ILS OR LOC RWY 29R PROCEDURE.
UPDATE HOLDING, ADDED PATTERN 2 FOR THE KTOA ILS OR LOC RWY 29R PROCEDURE.
UPDATE FAC 1 AND FAC 2, ADDED 3000 TO MRA.

DEVELOPED BY: **DATE:** 02/25/2016 **OFFICE:** AJV-5431 **NAME:** HERMAN ROGERS

APPROVED BY: **DATE:** **OFFICE:** AJV-5430 **NAME:** LONNIE EVERHART

SIGNATURE:

DISTRIBUTION: NFDC
FPO: WST
ARTCC: ZLA
ATC FACILITY: SOCAL APP CON
OTHER: TOA ATCT, LAX ATCT

QUALITY
25
CHECKED

INFORMATION ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: SEAL BEACH VORTAC

STATE: CA

COUNTRY: US

LATITUDE/LONGITUDE: 334659.87N/1180317.12W

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	FEET	MRA	MAA
1	SEAL BEACH	SLI	VORTAC	L							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 DME	HOLDING ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	NE	SLI	VORTAC	058.00	238.00	L	1-1 1/2	2600 17500	4 16
2	SE	SLI	VORTAC	120.00	300.00	L	1-1 1/2	1500 17500	4 16
3	S	SLI	VORTAC	171.00	351.00	L	1-1 1/2	1800 17500	4 16
4	NE	WP	WP	058.00	238.00	L		2600 12000	5 10
5	SE	WP	WP	122.00	302.00	L		2600 14000	5 11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	200	AAO	335421.00N/1175742.00W	804	4E
1	200	BLDG (06-000442)	334652.00N/1175336.00W	475	1D
2	200	TOWER (06-002478)	334725.60N/1180855.10W	337	2C
3	200	TOWER (06-002478)	334725.60N/1180855.10W	337	2C
3	310	TOWER (06-020156)	335246.80N/1180049.66W	750	4D
4	200	BLDG (06-000442)	334652.00N/1175336.00W	475	1D
5	200	TOWER (06-002478)	334725.60N/1180855.10W	337	2C

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST
PAT 2 ATC REQUEST
PAT 3 ATC REQUEST
PAT 4 ATC REQUEST
PAT 5 ATC REQUEST

HOLDING RESTRICTIONS:

UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 1900.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	RADAR 2	KSLI	LOS ALAMITOS	CA (US)
1	RADAR 3	KSLI	LOS ALAMITOS	CA (US)
3	TAKEOFF MINIMUMS	KSNA	SANTA ANA	CA (US)
3	TAKEOFF MINIMUMS	KFUL	FULLERTON	CA (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ELMOO			KBUR	BURBANK	CA (US)
DP	ANAHEIM			KFUL	FULLERTON	CA (US)
DP	TAKEOFF MINIMUMS		3	KFUL	FULLERTON	CA (US)
DP	ANAHEIM			KLGB	LONG BEACH	CA (US)
DP	TAKEOFF MINIMUMS			KLGB	LONG BEACH	CA (US)
DP	ALBACOR			KSLI	LOS ALAMITOS	CA (US)
DP	TAKEOFF MINIMUMS			KSLI	LOS ALAMITOS	CA (US)
DP	CATALINA			KLAX	LOS ANGELES	CA (US)
DP	GABRE			KLAX	LOS ANGELES	CA (US)
DP	LAXX			KLAX	LOS ANGELES	CA (US)
DP	OSHNN (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	SEAL BEACH			KLAX	LOS ANGELES	CA (US)
DP	SEBBY			KLAX	LOS ANGELES	CA (US)
DP	TAKEOFF MINIMUMS			KLAX	LOS ANGELES	CA (US)
DP	NIKKL			KONT	ONTARIO	CA (US)
DP	DOYLE			KNTD	POINT MUGU	CA (US)
DP	LNSAY			KSAN	SAN DIEGO	CA (US)
DP	PEBLE			KSAN	SAN DIEGO	CA (US)
DP	ANAHEIM			KSNA	SANTA ANA	CA (US)
DP	CHANNEL			KSNA	SANTA ANA	CA (US)
DP	IRVINE			KSNA	SANTA ANA	CA (US)
DP	MUSEL			KSNA	SANTA ANA	CA (US)
DP	TAKEOFF MINIMUMS		3	KSNA	SANTA ANA	CA (US)
DP	PEVEE (RNAV)			KSMO	SANTA MONICA	CA (US)
DP	ADAMM			KVNY	VAN NUYS	CA (US)
EN ROUTE	J134					(US)
EN ROUTE	J169					(US)

QUALITY
25
CHECKED

EN ROUTE	J78			(US)	
EN ROUTE	T245			(US)	
EN ROUTE	T247			(US)	
EN ROUTE	T249			(US)	
EN ROUTE	V165			(US)	
EN ROUTE	V21			(US)	
EN ROUTE	V23			(US)	
EN ROUTE	V283			(US)	
EN ROUTE	V372			(US)	
EN ROUTE	V394			(US)	
EN ROUTE	V459			(US)	
EN ROUTE	V597			(US)	
EN ROUTE	V64			(US)	
EN ROUTE	V8			(US)	
IAP	NDB OR GPS-C		KEMT	EL MONTE	CA (US)
IAP	VOR OR GPS-A		KEMT	EL MONTE	CA (US)
IAP	VOR/DME OR GPS-B		KEMT	EL MONTE	CA (US)
IAP	LOC/DME RWY 24	2	KFUL	FULLERTON	CA (US)
IAP	RNAV (GPS) RWY 24	4	KFUL	FULLERTON	CA (US)
IAP	VOR-A	1	KFUL	FULLERTON	CA (US)
IAP	LOC RWY 25		KHHR	HAWTHORNE	CA (US)
IAP	RNAV (GPS) RWY 25		KHHR	HAWTHORNE	CA (US)
IAP	VOR RWY 25		KHHR	HAWTHORNE	CA (US)
IAP	ILS RWY 26L		KPOC	LA VERNE	CA (US)
IAP	LOC RWY 26L		KPOC	LA VERNE	CA (US)
IAP	VOR OR GPS-A		KPOC	LA VERNE	CA (US)
IAP	ILS OR LOC RWY 30		KLGB	LONG BEACH	CA (US)
IAP	RNAV (GPS) Z RWY 30		KLGB	LONG BEACH	CA (US)
IAP	VOR OR TACAN RWY 30	2	KLGB	LONG BEACH	CA (US)
IAP	NDB RWY 22L		KSLI	LOS ALAMITOS	CA (US)
IAP	RADAR 2	1	KSLI	LOS ALAMITOS	CA (US)
IAP	RADAR 3	1	KSLI	LOS ALAMITOS	CA (US)
IAP	VOR OR TACAN RWY 22L		KSLI	LOS ALAMITOS	CA (US)
IAP	ILS OR LOC RWY 06L		KLAX	LOS ANGELES	CA (US)
IAP	ILS OR LOC RWY 06R		KLAX	LOS ANGELES	CA (US)
IAP	ILS OR LOC RWY 07L		KLAX	LOS ANGELES	CA (US)
IAP	ILS OR LOC RWY 07R		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 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	RNAV (GPS) RWY 25R		KLAX	LOS ANGELES	CA (US)
IAP	RNAV (GPS) Y RWY 24L		KLAX	LOS ANGELES	CA (US)
IAP	RNAV (GPS) Y RWY 24R		KLAX	LOS ANGELES	CA (US)
IAP	RNAV (GPS) Y RWY 25L		KLAX	LOS ANGELES	CA (US)
IAP	ILS OR LOC RWY 9		KRAL	RIVERSIDE	CA (US)
IAP	ILS OR LOC RWY 20R	2	KSNA	SANTA ANA	CA (US)
IAP	LDA/DME RWY 20R	2	KSNA	SANTA ANA	CA (US)
IAP	LOC BC RWY 2L	2	KSNA	SANTA ANA	CA (US)
IAP	RNAV (GPS) RWY 2L	5	KSNA	SANTA ANA	CA (US)
IAP	VOR OR GPS-A		KSMO	SANTA MONICA	CA (US)
IAP	ILS OR LOC RWY 29R		KTOA	TORRANCE	CA (US)
IAP	RNAV (GPS) RWY 29R		KTOA	TORRANCE	CA (US)
IAP	VOR RWY 11L		KTOA	TORRANCE	CA (US)
OTHER	ARSENAL VISUAL RWY 30		KLAX	LOS ANGELES	CA (US)
STAR	FERNANDO		KBUR	BURBANK	CA (US)
STAR	FODRR		KCRQ	CARLSBAD	CA (US)
STAR	KAYOH		KLGB	LONG BEACH	CA (US)
STAR	TANDY		KLGB	LONG BEACH	CA (US)
STAR	BASET		KLAX	LOS ANGELES	CA (US)
STAR	BUFIE (RNAV)		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	SHIVE		KLAX	LOS ANGELES	CA (US)
STAR	VISTA		KLAX	LOS ANGELES	CA (US)
STAR	KIMMO		KSMO	SANTA MONICA	CA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 21

DATE OF REVISION: 05/26/2016

REASON FOR REVISION:

RENAMED KONT SID FROM PRADO TO NIKKL.

DEVELOPED BY:

DATE: 01/22/2016

OFFICE: AJV-5432

NAME: VICTOR BOONE



APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: WST

ARTCC: ZLA

ATC FACILITY: SOCAL TRACON

OTHER: SNA ATCT, SLI ATCT, HHR ATCT, FUL ATCT, USAASA

QUALITY
25
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ZANAN

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 335024.31N/1182338.41W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

USED AS FAF RWY 11L AND MA FIRST FIX RWY 29R.

FIX USE:

USE TYPE

IAP
IAP

USE TITLE

RNAV (GPS) RWY 11L
RNAV (GPS) RWY 29R

FAC

PAT

AIRPORT IDENT

KTOA
KTOA

CITY

TORRANCE
TORRANCE

STATE

CA (US)
CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 09/15/2016

REASON FOR REVISION:

CHANGED UNROUNDED COORDINATES TO MATCH IPDS.

DEVELOPED BY:

DATE: 02/25/2016

OFFICE: AJV-5431

NAME: HERMAN ROGERS

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: WST

ARTCC: ZLA

ATC FACILITY: SOCAL APP CON

OTHER: KTOA ATCT, LAX ATCT

QUALITY
25
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ZILBA

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 334449.78N/1181514.02W

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 NM	FAC FEET	MRA	MAA
1	TORRANCE	I-TOA	LOC/DME		114.46	128.46	5.95	5.94	36097	2000	4500
2	SEAL BEACH	SLI	VORTAC	L	242.80	257.80		10.19		2000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

FAC 1 (TORRANCE) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 29R	1, 2		KTOA	TORRANCE	CA (US)
IAP	RNAV (GPS) RWY 29R			KTOA	TORRANCE	CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 09/15/2016

REASON FOR REVISION:

NEW COORDINATES FROM IPDS, FIX MOVED 2.73 FEET NW.
ADDED FAC 1 AND FAC 2 FOR USE AS FAF ON ILS OR LOC RWY 29R.
ADDED INT AND DME TO FIX TYPE.
UPDATE FIX USE, ADD KTOA ILS OR LOC RWY 29R.

DEVELOPED BY:

DATE: 02/24/2016

OFFICE: AJV-5431

NAME: HERMAN ROGERS

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: WST
ARTCC: ZLA
ATC FACILITY: SOCAL APP CON
OTHER: KTOA ATCT, LAX ATCT

