

**FEDERAL AVIATION ADMINISTRATION**  
**FLIGHT STANDARDS SERVICE**  
**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**  
**TITLE 14 CFR PART 97.33**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated.  
 Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or feet RVR.

<u>AIRPORT ID</u> KHHR	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 7	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> HAWTHORNE	<u>STATE</u> CA		
<u>AIRPORT ELEVATION</u> 66	<u>TDZE</u> 64	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u> NONE	<u>DATED</u>	<u>MAG VAR</u> 14E	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		

**TERMINAL ROUTES**

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
SLI VORTAC	IAF	WILMA		TF	FB	1.00	251.99	10.27	4000
WILMA		LIMBO		TF	FB	1.00	251.89	9.56	4000
LIMBO		INISH		TF	FB	1.00	251.78	4.57	4000
INISH		TANDY		TF	FB	1.00	251.73	5.86	4000
TANDY	IAF	JOHME		TF	FB	1.00	341.00	5.00	3600
JOHME		MEANA		TF	FB	1.00	042.76	7.03	3600
MEANA	IF	ZEFER		TF	FB	1.00	059.76	3.30	2800
ZEFER	FAF	(CFLBQ)	MAP	TF	FO	0.30	069.68	7.31	
(CFLBQ)	MAP	342 MSL		CA			069.68		
342 MSL		DOODY		DF	FB	1.00			
DOODY		SLI VORTAC		TF	FO	1.00	146.52	7.10	4000

**MISSED APPROACH**

**MAP:**

LPV: DA  
 LNAV/VNAV: DA  
 LNAV: (CFLBQ)

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 4000 DIRECT DOODY AND RIGHT TURN ON 146.52 TRACK TO SLI VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**





**MINIMUMS:**  
**TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT**

**ALTERNATE:** NA ☐ STANDARD - CAT D 800-2 1/4, NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA	342	1	278	342	1	278	342	1	278	342	1	278			
LNAV/VNAV DA	500	1 1/4	436	500	1 1/4	436	500	1 1/4	436	500	1 1/4	436			
LNAV MDA	780	1	716	780	1	716	780	2	716	780	2	716			
CIRCLING	780	1	714	780	1	714	780	2	714	780	2 1/4	714			

**CHANGES - REASONS**

ORIGINAL PROCEDURE

- 7/26/2022 THIS IS AN UPDATED COPY OF THE PROCEDURE DEVELOPED ON 6/27/2022.
- 1. TERMINAL ROUTES: CHANGED SEGMENT FROM "ZEFER TO RW07" TO "ZEFER TO (CFLBQ)" AND CHANGED COURSE FROM 069.76 TO 069.68, AND CHANGED DISTANCE FROM 7.30 TO 7.31
  - 2. TERMINAL ROUTES: CHANGED SEGMENT FROM "RW07 TO 341 MSL" TO "(CFLBQ) TO 342 MSL" AND CHANGED COURSE FROM 069.76 TO 069.68
  - 3. TERMINAL ROUTES: CHANGED SEGMENT FROM "341 MSL TO DOODY" TO "342 MSL TO DOODY"
  - 4. MISSED APPROACH MAP: CHANGED FROM "LNAV: RW07" TO "LNAV: (CFLBQ)"
  - 5. PROFILE LINE 3: CHANGED FAC FROM 069.76 TO 069.68, CHANGED DIST FAF TO MAP FROM 7.30 TO 7.31 AND CHANGED DIST FAF TO THLD FROM 7.30 TO 7.31
  - 6. PROFILE LINE 5: CHANGED DIST TO THLD FROM "277 HAT: 0.59" TO "278 HAT: 0.59"
  - 7. PROFILE LINE 7: CHANGED FROM "RW07 7700" TO "CFLBQ 7700"
  - 8. ADDITIONAL FLIGHT DATA: ADDED "CHART IN PLANVIEW: FINAL APPROACH COURSE OFFSET 2.99 DEGREES"
  - 9. ADDITIONAL FLIGHT DATA: ADDED "FICTITIOUS THRESHOLD POINT (CFLBQ)"
  - 10. ADDITIONAL FLIGHT DATA: CHANGED NOTE FROM "CHART: KCPM IN PLAN AND PROFILE VIEWS" TO "CHART: KCPM IN PLANVIEW"
  - 11. MINIMUMS: CHANGED LPV ALL CATS FROM "DA/341/VIS 1/HAT/277" TO "DA/342/VIS 1/HAT/278"
  - 12. FAS DATA: LTP/FTP LATITUDE/LONGITUDE CHANGED FROM "335521.3925N/11820245205" TO "335521.9585N/11820245765W"
  - 13. FAS DATA: FPAP CHANGED FROM "335530.9635N/1181838.0645" TO "335531.6445N/1181838.1355"
  - 14. CRC REMAINDER CHANGED FROM "CF212A19" TO "3F029955"

**COORDINATED WITH:**

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZLA, SOCAL APP CON, AMGR, HRR TOWER

**FLIGHT CHECKED BY**

**OFFICE**

**DATE**

**DEVELOPED BY**  
APRIL SARMENTO

*Digitally signed by*  
**APRIL T SARMENTO**  
Jul 26, 2022

**OFFICE**  
AJV-A432

**DATE**  
05/24/2022

**APPROVED BY**  
CASIMIR TABAKA

*Digitally signed by*  
**CASIMIR L TABAKA**  
Jul 27, 2022

**OFFICE**  
AJV-A430

**DATE**

**TITLE**  
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KHHR
RUNWAY	RW07
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W07A
LTP/FTP LATITUDE	335521.9585N
LTP/FTP LONGITUDE	1182024.5765W
LTP/FTP ELLIPSOIDAL HEIGHT	-00164
FPAP LATITUDE	335531.6445N
FPAP LONGITUDE	1181838.1355W
THRESHOLD CROSSING HEIGHT (TCH)	00060.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.45
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	3F029955

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+00195
FPAP ORTHOMETRIC HEIGHT	+00195



FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

<u>AIRPORT ID</u> KHHR	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 7	<u>AMDT NO.</u> ORIG	<u>CITY</u> HAWTHORNE	<u>STATE</u> CA	<u>AIRPORT ELEVATION</u> 66	<u>FACILITY</u> RNAV
---------------------------	---	-------------------------	--------------------------	--------------------	--------------------------------	-------------------------

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM  
SLI VORTAC

TO  
WILMA

<u>RNP</u>	<u>DISTANCE</u> 10.27	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (06-002240)	334758.02N/1180946.64W		535	50	20	2C	1000				AT2465	4000
TERRAIN	334800.00N/1180954.00W		331 (300)								AS1500	1800

COMPUTATIONS

ALT   KIAS   KTAS   HAA   VKTW   TR   BA   DTA   COURSE CHANGE   DVEB   VEB OCS   RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL: STEPDOWN

FROM  
WILMA

TO  
LIMBO

<u>RNP</u>	<u>DISTANCE</u> 9.56	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	334451.00N/1182000.00W		1670	164	98	4E	1000				AT1330	4000
TERRAIN	334445.00N/1182012.00W		1469 (1500)								AS1500	3000

COMPUTATIONS

ALT   KIAS   KTAS   HAA   VKTW   TR   BA   DTA   COURSE CHANGE   DVEB   VEB OCS   RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INITIAL: STEPDOWN

FROM

LIMBO

TO

INISH

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	4.57											
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
SHIP	334522.14N/1182936.29W		200	50	20	2C	1000				AT2800	4000
TERRAIN	334524.29N/1182944.75W		0 (0)								AS1500	1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

SEGMENT OVER WATER

INITIAL: STEPDOWN

FROM

INISH

TO

TANDY

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	5.86											
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
SHIP	334457.15N/1183714.83W		200	50	20	2C	1000				AT2800	4000
TERRAIN	334500.92N/1183558.92W		0 (0)								AS1500	1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

SEGMENT OVER WATER



INITIAL

FROM

TANDY

TO

JOHME

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	5.00											
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
SHIP	334820.36N/1183951.80W		200	50	20	2C	1000				AT2400	3600
TERRAIN	334717.37N/1183944.75W		0 (0)								AS1500	1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

SEGMENT OVER WATER

INITIAL: STEPDOWN

FROM

JOHME

TO

MEANA

<u>RNP</u>	<u>DISTANCE</u> 7.03	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
SHIP	335127.52N/1183659.74W		200	50	20	2C	1000				AT2400	3600
TERRAIN	335142.84N/1183628.62W		0 (0)								AS1500	1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

SEGMENT OVER WATER



INTERMEDIATE

FROM  
MEANA

TO  
ZEFER

RNP	DISTANCE 3.30	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
SHIP	335411.09N/1183040.83W		200	50	20	2C	500				AT2100	2800
TERRAIN	335406.24N/1183102.38W		0 (0)								AS1500	1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

SEGMENT OVER WATER

FINAL: LPV

FROM  
ZEFER

TO  
RW07

<u>RNP</u>	<u>DISTANCE</u> 7.30	<u>PAT</u>	<u>MAP</u> DA	<u>HAT</u> 278			<u>HMAS</u>					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TREE (06-042146)	335521.88N/1182047.84W		136	20	3	1A		29.57:1				342

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:





FINAL: LNAV/VNAV

FROM

ZEFER

TO

RW07

RNP	DISTANCE	PAT	MAP	HAT		HMAS						
	7.30		DA	436								
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
WATER_TOWER (06-201435)	335505.29N/1182128.13W		229	20	3	1A		18.63:1				500

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
-----	------	------	-----	------	----	----	-----	---------------	------	---------	------------------------

SEGMENT REMARKS:

FINAL: LNAV

FROM

ZEFER

TO

(CFLBQ)

RNP	DISTANCE	PAT	MAP	HAT		HMAS						
	7.31		(CFLBQ) OR AT (CFLBQ)	716								
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
BUILDING (06-001350)	335509.04N/1182343.47W		462	20	3	1A	250				XL66	780

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
-----	------	------	-----	------	----	----	-----	---------------	------	---------	------------------------

SEGMENT REMARKS:



MISSED APPROACH : LPV

FROM

DA

TO

SLI VORTAC

RNP	DISTANCE	PAT	MAP	HAT			HMAS 129					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				4000
TOWER (06-000268)	335330.00N/1181106.00W		427	500	50	5D	1000					1500
TERRAIN	335630.00N/1181815.00W		226 (200)								AS1500	1700

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
--------------	-----	------	------	-----	------	----	----	-----	---------------	------	---------	------------------------

SEGMENT REMARKS:

MISSED APPROACH : LNAV/VNAV

FROM

DA

TO

SLI VORTAC

RNP	DISTANCE	PAT	MAP	HAT			HMAS 339					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				4000
TOWER (06-000268)	335330.00N/1181106.00W		427	500	50	5D	1000					1500
TERRAIN	335630.00N/1181815.00W		226 (200)								AS1500	1700

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
--------------	-----	------	------	-----	------	----	----	-----	---------------	------	---------	------------------------

SEGMENT REMARKS:



MISSED APPROACH : LNAV

FROM

(CFLBQ)

TO

SLI VORTAC

RNP	DISTANCE	PAT	MAP	HAT			HMAS 614				
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				4000
TOWER (06-000268)	335330.00N/1181106.00W	427	500	50	5D	1000					1500
TERRAIN	335630.00N/1181815.00W	226 (200)								AS1500	1700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☒ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
TOWER (06-201288)	335535.09N/1181833.64W	1.30	714	307	20	3	1A	300		SI	780
CATEGORY B											
TOWER (06-201288)	335535.09N/1181833.64W	1.81	714	307	20	3	1A	300		SI	780
CATEGORY C											
BUILDING (06-001350)	335509.04N/1182343.47W	2.84	714	462	20	3	1A	300			780
CATEGORY D											
BUILDING (06-001350)	335509.04N/1182343.47W	3.71	714	462	20	3	1A	300			780

CIRCLING REMARKS:



MSA

CENTER

CFLBQ

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	AAO	342248.00N/1181048.00W	002	28.5	6650	164	98	4E	1000			7700

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH  
ZLA ARTCC, HHR TOWER, SOCAL APP CON

<u>WX SERVICE</u> ASOS	<u>LOCATION</u> KHHR	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KHHR	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> ASOS	<u>LOCATION</u> KLAX	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KLAX	<u>DISTANCE</u> 3.82	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0

WX REMARKS:  
RASS PRESSURE PATTERNS THE SAME  
KHHR 66, KLAX 97  
RA = 0

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>		<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW07 - MIRL (PCL), VASI-2R		NPI-F	
RW25 - MIRL (PCL), REIL, VASI-4R, ODALS (PCL)		NPI-F	

<u>GLIDESLOPE ANGLE</u> 3.45	<u>ELEV RWY THRESHOLD</u> 64	<u>TCH</u> 60.0	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 3.25	<u>TCH</u> 25.4
---------------------------------	---------------------------------	--------------------	------------------------	--------------------------	---------------------------	--------------------

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input type="checkbox"/>	1100	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE	904.952
ON CENTERLINE	<input checked="" type="checkbox"/>		FT FROM CENTERLINE		

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u> +5C	<u>CRITICAL HIGH</u> +51C	<u>ACT</u> +5C	<u>APT ISA</u> +14.87C
----------------------------	------------------------------	-------------------	---------------------------

CRITICAL TEMPERATURE REMARKS:  
AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2017-2021).  
CRITICAL LOW TEMPERATURE BASED ON ACT.  
DESCENT RATE (FPM): STANDARD TEMP 1099 HIGH TEMP 1260.



"VISUAL PORTION OF FINAL" PENETRATIONS

Final Type	CIRCLING RWY 25
20:1	
77 POLE (06-238898) 335525.04N/1181940.51W (15.35)	75 TRAVERSE_WAY (06-040347) 335525.19N/1181940.56W (13.53)
76 TRAVERSE_WAY (06-204301) 335525.06N/1181939.97W (12.09)	89 POLE (06-203354) 335526.11N/1181936.44W (9.95)
89 POLE (06-203376) 335525.06N/1181936.14W (9)	77 POLE (06-238899) 335525.04N/1181938.73W (7.88)
88 POLE (06-200768) 335524.89N/1181935.99W (7.41)	90 POLE (06-202764) 335524.95N/1181934.66W (3.79)
89 POLE (06-238897) 335526.32N/1181934.59W (2.08)	77 POLE (06-238900) 335525.03N/1181937.29W (1.81)
75 TRAVERSE_WAY (06-203195) 335525.07N/1181937.60W (1.12)	81 SIGN (06-201860) 335524.84N/1181936.08W (0.79)
Final Type	CIRCLING RWY 7
20:1	
103 POLE (06-203796) 335518.30N/1182033.46W (10.51)	
Final Type	LPV, LNAV/VNAV, LNAV RWY 7
20:1	
103 POLE (06-203796) 335518.30N/1182033.46W (10.51)	
Final Type	LPV, LNAV/VNAV, LNAV RWY 7
34:1	
136 TREE (06-042146) 335521.88N/1182047.84W (20.26)	102 POLE (06-036717) 335518.24N/1182036.94W (12.62)
103 POLE (06-202553) 335517.27N/1182037.45W (12.19)	95 BUILDING (06-036764) 335523.84N/1182036.08W (8.69)
111 TREE (06-040376) 335519.86N/1182043.13W (6.57)	103 TREE (06-202029) 335519.92N/1182040.15W (5.96)
101 BUILDING (06-036765) 335517.08N/1182039.18W (5.88)	99 POLE (06-036719) 335523.51N/1182039.89W (3.21)
99 POLE (06-202642) 335519.12N/1182039.86W (2.54)	124 TREE (06-040377) 335519.29N/1182050.17W (2.06)
102 TREE (06-204273) 335522.88N/1182041.55W (1.99)	104 POLE (06-203002) 335517.57N/1182042.13W (1.66)
103 POLE (06-201337) 335523.60N/1182042.16W (1.6)	103 POLE (06-202592) 335519.21N/1182042.13W (0.94)

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or  
5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS



<b>PENETRATIONS REMARKS:</b>

**PART C: GENERAL REMARKS:**

75' TREES USED WITHIN 20,000 FEET OF ALL RUNWAY SURFACES.

TAA NOT DEVELOPED PER FPT REQUEST.

TCH 60 USED TO MITIGATE VGS PENETRATIONS.

VDP NA: 20:1 PENETRATIONS EXIST.

RASS WITHIN 5NM, NO ADJUSTMENT REQUIRED.

CONTINGENCY NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LOS ANGELES INTL ALTIMETER SETTING.

PRECIPITIOUS TERRAIN EVALUATION COMPLETED.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



<div>AIRPORT ID</div> <div>KHHR</div>	<div>PROCEDURE NAME</div> <div>RNAV (GPS) RWY 7</div>	<div>AMDT NO.</div> <div>ORIG</div>	<div>CITY</div> <div>HAWTHORNE</div>	<div>STATE</div> <div>CA</div>	<div>AIRPORT ELEVATION</div> <div>66</div>	<div>FACILITY</div> <div>RNAV</div>
PART D: AIRSPACE						
DOCKET #						
ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE						
DISTANCE FROM	MAP	TO 1000FT POINT	2.66			
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20			
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	083.68			
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	100			
DISTANCE FROM	MAP	TO 1500FT POINT	4.91			
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.20			
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	083.68			
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	100			
THRESHOLD COORDINATES (IF STR-IN)	335521.39N/1182024.52W					
ARP COORDINATES	335522.30N/1182006.30W					
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 7 DISTANCE 0.40 NM					
FAF COORDINATES	335433.94N/1182908.09W					
FIX NAME COORDINATES	IAF SEAL BEACH VORTAC: 334659.88N/1180317.13W, IAF TANDY: 334447.67N/1183929.06W, IF MEANA: 335338.51N/1183256.64W					
REMARKS						
THLD DISPLACED 904.952FT, ACTUAL COORDINATES: 335520.89N/1182035.24W.						

QUALITY

18

CHECKED

FAA Form 8260-9 / (11/16) Supersedes Previous Edition

Electronic Version

Page 12 of 13



PART E: PREPARED BY

<u>NAME</u> APRIL SARMENTO	<u>OFFICE</u> AJV-A432	<u>DATE</u> 05/24/2022	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
-------------------------------	---------------------------	---------------------------	---

