

**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>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>	
SBA	RNAV (GPS) RWY 7	1	SANTA BARBARA	CA	
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
14	13	RNAV (GPS) RWY 7	11/03/2022	14E	1985
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>	
RNAV			ROUTINE		

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>
GOLET		FLOUT		TF	FB	1.00	238.17	4.64	4000
FLOUT		LOBER		TF	FB	1.00	259.01	6.59	4000
LOBER	IAF	ECEVA		TF	FB	1.00	344.98	9.53	2900
AFOXY	IAF	RIMVE		TF	FB	1.00	147.96	7.78	4400
RIMVE		ECEVA		TF	FB	1.00	147.99	3.95	2900
ECEVA	IF	NAPPS		TF	FB	1.00	074.41	6.18	1800
NAPPS	FAF	RW07	MAP	TF	FO	0.30	074.49	5.45	
RW07	MAP	309 MSL		CA			074.49		309
309 MSL		CESRA		DF	FB	1.00			
CESRA		IYOBE		TF	FB	1.00	161.79	6.85	
IYOBE		GOLET		TF	FO	1.00	238.24	6.71	4000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW07

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4000 DIRECT CESRA AND RIGHT TURN ON TRACK 161.79 TO IYOBE AND RIGHT TURN ON TRACK 238.24 TO GOLET AND HOLD, CONTINUE CLIMB-IN-HOLD 4000

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	PROFILE STARTS AT ECEVA														
3.	FAC:	074.49	FAF:	NAPPS	DIST FAF TO MAP:	5.45	DIST FAF TO THLD:	5.45							
4.	MIN ALT:	ECEVA 2900, NAPPS 1800													
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		296 HAT:	0.77	GS ANT:				
6.	MIN GP INCPT:	1800	GP ALT AT PFAF:	NAPPS 1800					OM:		MM:		IM:		
7.	GP ANGLE:	3.00	34:1:	IS NOT CLEAR	20:1:	IS CLEAR	TCH:	52.3							
8.	MSA FROM:	RW07 8100													

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 3°C OR ABOVE 54°C.
CHART NOTE: CIRCLING RWY 15L/R AND 33L/R NA AT NIGHT.
CHART NOTE: RWY 7 HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE OXR ALTIMETER SETTING AND INCREASE LPV DA TO 392 FEET; INCREASE LNAV/VNAV DA TO 686 FEET AND ALL VISIBILITIES 1/4 SM. INCREASE ALL MDA'S 100 FT, AND LNAV VISIBILITY CAT C AND D 1/8 SM, AND CIRCLING VISIBLTY CAT A/C 1/4 SM.
CHART NOTE: VDP AND BARO-VNAV NA WHEN USING OXR ALTIMETER SETTING.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LPV ALL CATS VISIBILITY TO RVR 4500 AND LNAV CAT A TO RVR 5500 AND CAT C/D TO 2 1/2 SM.
CHART NOTE: FOR INOPERATIVE ALS WHEN USING OXR ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO RVR 5500 AND LNAV/VNAV ALL CATS VISIBILITY TO 1 7/8 SM.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT AFOXY ON V27 NORTHWEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT GOLET ON V27 SOUTHEAST BOUND.
CHART PLANVIEW AND PROFILE NOTE: FOR LNAV/VNAV FLY VISUAL TO AIRPORT 074 DEGREES- 2.5 MILES, WHEN USING OXR ALTIMETER SETTING 2.9 MILES.

CHART NOTE: CIRCLING NA FOR CATS C AND D N OF RWY 7-25.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 307.00 INBOUND.
FAS OBST: 312 AAO 342609N/1195533W.
CHART VDP AT 2.36 NM TO RW07.
WAAS CHANNEL # 78306
REFERENCE PATH ID: W07A
LTP HAE: -32.4 M

MINIMUMS:

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

ALTERNATE: NA ☐ CAT A, B 900-2, CAT C 900-2 1/2, CAT D 1000-3, 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	309	4000	296	309	4000	296	309	4000	296	309	4000	296			
LNAV/VNAV DA	603	1 1/4	590	603	1 1/4	590	603	1 1/4	590	603	1 1/4	590			
LNAV MDA	820	4000	807	820	4000	807	820	1 7/8	807	820	1 7/8	807			
CIRCLING	820	1	806	840	1 1/4	826	840	2 1/2	826	1000	3	986			



CHANGES - REASONS

1. ADDED FLOUT TO FEEDER FROM GOLET - LIMIT TURN ANGLE OVER LOBER. PER FPT CHECKLIST.
2. RAISED ALTITUDES LOBER TO ECEVA, AND RIMVE TO ECEVA FROM 2800 TO 2900 - NEW CONTROLLING OBSTACLE FROM RIMVE TO ECEVA, 1578' AAO 342930.00 N/1200915.00 W AC 4B.
3. TCH RAISED FROM 48.1 TO 52.3 - TO MATCH ILS RWY 7 IAP PER FPT CHECKLIST
4. LINE 4 DIST FAF TO MAP AND DIST FAF TO THLD CHANGED FROM 5.39 TO 5.45 - NAPPS COORDINATE CHANGE.
5. LINE 4 CHANGED MIN ALT ECEVA 2800 TO ECEVA 2900 - NEW CONTROLLING OBSTACLE, SEE #4.
6. LINE 5 367 HAT: 0.99 CHANGED TO 296 HAT: 0.77 - NEW OBSTACLE EVALUATION.
7. LINE 7: CHANGED 34:1 IS CLEAR TO 34:1 IS NOT CLEAR - TREE (06-044460) (3.86).
8. UNCOMPENSTATED BARO-VNAV NOTE CHANGED FROM CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 49°C. TO CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 3°C OR ABOVE 54°C - UPATED 5 YEAR ACT.
9. ADDED NOTE: RWY 7 HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED - IAW 8260.19I PARA 8-6-11.K.(3).
10. CHANGED ADDITIONAL FLIGHT DATA VDP INFO FROM CHART VDP AT 1.56 NM TO RW07 TO CHART VDP AT 2.36 NM TO RW07 - NAPPS COORINATE CHANGE.
11. CHANGED FAS OBST FROM 449 TREE 342642N/1195330W, 145 OL 342506N/1195204W TO 312 AAO 342609N/1195533W - NEW OBSTACLE EVALUATION.
12. CHANGED INOP ALTIMETER NOTE FROM WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE OXNARD ALTIMETER SETTING AND INCREASE ALL DA'S/MDA'S 100 FT, AND INCREASE, LNAV/VNAV VISIBILITY CAT C AND D 1/4 MILE, LNAV CAT C TO RVR 6000, CAT D 1/4 MILE, CIRCLING CAT A VISIBILITY 1/4 MILE, CAT C VISIBILITY 1/2 MILE TO WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE OXR ALTIMETER SETTING AND INCREASE LPV DA TO 386 FEET; INCREASE LNAV/VNAV DA TO 686 FEET AND ALL VISIBILITIES 14 SM. INCREASE ALL MDA'S 100 FT, AND LNAV/VNAV VISIBILITY CAT C AND D 1/8 SM, AND CIRCLING VISIBILTY CAT A/C/D 1/4 SM - NEW OBSTACLE EVALUATION.
13. CHANGED LPV DA FROM DA 380/HAT 367 TO DA 309/HAT296 -NEW OBSTACLE EVALUATION.
14. CHANGED LNAV/VNAV DA FROM DA 866/HAT 853 TO DA 603/HAT 590 - NEW OBSTACLE EVALUATION.
15. CHANGED LNAV MDA FROM MDA 560/HAT 547 TO MDA 820/HAT 807 - NEW OBSTACLE EVALUATION.
16. CHANGED VDP FROM 1.6 NM TO 2.36 NM - TCH CHANGE.
17. DELETED ASTERISK AT 1.6 NM TO RWY 07 - NO LONGER REQUIRED.
18. DELETED *LNAV ONLY - NO LONGER REQUIRED.
19. LNAV/VNAV VISIBILITY CHANGED FROM CAT A-B 2, CAT C 2 1/2, CAT D 2 3/4 TO 1 1/4 ALL CATS - 590 HAT BASED ON NEW OBSTACLE EVALUATION.
20. LNAV VISIBILITY CHANGED FROM CAT A-B RVR 2400, CAT C RVR 5000, CAT D RVR 6000 TO CAT A-B RVR 4000, CAT C-D 1 7/8 - 807 HAT BASED ON NEW OBSTACLE EVALUATION.
21. FAS DATA CHANGED FROM THRESHOLD CROSSING HEIGHT (TCH) 00048.1 TO 00052.3, LTP/FTP LAT/LONG CHANGED FROM 342538.9935N/1195116.7225W TO 342538.9960N/1195116.7095W, FPAP LAT/LONG CHANGED FROM 342540.6000N/1194959.5900W TO 342541.2385N/1194929.0320W AND CRC REMAINDER CHANGED FROM 5910949B TO 6C2F60C1 - TCH CHANGE.
22. ADDITIONAL FLIGHT DATA - DELETED CHART AP ELEV 14 - NO LONGER REQUIRED.
23. CHANGED CHART NOTE FROM CIRCLING RWY 15R NA AT NIGHT TO CIRCLING RWY 15L/R AND RWY 33L/R NA AT NIGHT – PER FPT CHECKLIST DUE TO UNLIT PENETRATIONS.
24. ADDED CHART NOTE: FOR INOPERATIVE ALS, INCREASE LPV ALL CATS VISIBILITY TO RVR 4500 AND LNAV CAT A TO RVR 5500 AND CAT C/D TO 2 1/2 SM – IAW 8260.19I PARA 8-6-12.O.(3).(D).
25. CHANGED VDP NA WHEN USING OXNARD ALTIMETER SETTTING AND BARO-VNAV NA WHEN USING OXNARD ALTIMETER SETTING TO VDP AND BARO-VNAV NA WHEN USING OXR ALTIMETER SETTING – IAW 8260.19I PARA 8-6-10.E.(6).
26. ADDED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT AFOXY ON V27 NORTHWEST BOUND – IAW 8260.19I PARA 8-2-5.E.(2).
27. ADDED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT GOLET ON V27 SOUTHEAST BOUND – IAW 8260.19I PARA 8-2-5.E.(2).
28. LINE 7: ADDED 20:1 IS CLEAR - IAW 8260.19I PARA 8-6-7.G.(3).(E).
29. CHANGED CIRCLING MINIMUM FROM CAT A 800 MDA/786 HAA TO 820 MDA/806 FAA - TO ALIGN WITH LNAV MDA MINIMUMS.
30. CHANGED CIRCLING MINIMUM FROM CAT B 800 MDA/786 HAA TO 840 MDA/826 - NEW CONTROLLING OBSTACLE.
31. CHANGED CIRCLING MINIMUM FROM CAT C 800 MDA/786 HAA TO 840 MDA/826 - TO ALIGN WITH CAT B MINIMUMS.
32. CHANGED CA LEG FROM 303 TO 309 - LPV DA CHANGE.

01/13/2025: THIS IS A CORRECTED COPY OF THE FORM DEVELOPED ON 12/11/24.

1. TERMINAL ROUTES: ROUTES CESRA TO ITOBE AND IYOBE TO GOLET ADD DISTANCES 6.85 AND 6.71.
2. NOTES: CHANGED NOTE FROM WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE OXR ALTIMETER SETTING AND INCREASE LPV DA TO 386 FEET; INCREASE LNAV/VNAV DA TO 686 FEET AND ALL VISIBILITIES 1/4 SM. INCREASE ALL MDA'S 100 FT, AND LNAV VISIBILITY CAT C AND D 1/8 SM, AND CIRCLING VISIBILITY CAT A/C/D 1/4 SM TO WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE OXR ALTIMETER SETTING AND INCREASE LPV DA TO 392 FEET; INCREASE LNAV/VNAV DA TO 686 FEET AND ALL VISIBILITIES 1/4 SM. INCREASE ALL MDA'S 100 FT, AND LNAV VISIBILITY CAT C AND D 1/8 SM, AND CIRCLING VISIBILITY CAT A/C 1/4 SM.



COORDINATED WITH:

A4A

X

ALPA

X

AOPA

X

APA

X

HAI

NBAA

X

OTHER: ZLA, WESTERN FPT, SBA ATCT/TRACON, HHR FSS, SBA AMGR.

FLIGHT CHECKED BY
THOMAS EDWARD MOLOKIE

Digitally signed by

ALLAN WILL

Jan 15, 2025

OFFICE

FIOG

DATE

10/11/2024

DEVELOPED BY
WILLIAM D. MELTON

Digitally signed by

RAYMOND R JOHNSON

Jan 14, 2025

OFFICE

AJV-A423

DATE

01/23/2024

APPROVED BY
ALLAN WILL

Digitally signed by

ALLAN WILL

Jan 15, 2025

OFFICE

AJV-A423

DATE

01/16/2025

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSBA
RUNWAY	RW07
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W07A
LTP/FTP LATITUDE	342538.9960N
LTP/FTP LONGITUDE	1195116.7095W
LTP/FTP ELLIPSOIDAL HEIGHT	-00324
FPAP LATITUDE	342541.2385N
FPAP LONGITUDE	1194929.0320W
THRESHOLD CROSSING HEIGHT (TCH)	00052.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0904
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	6C2F60C1

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+00035
FPAP ORTHOMETRIC HEIGHT	+00035



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

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
SBA	RNAV (GPS) RWY 7	1	SANTA BARBARA	CA	14	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM GOLET TO FLOUT

RNP 1.00 DISTANCE 4.64 PAT MAP HAT HMAS

<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	341620.70N/1195356.12W	208	50	20	2C	2000				AT1792	4000
OVER WATER	341610.12N/1195431.66W	0								AS1500	1500

COMPUTATIONS

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

SEGMENT REMARKS:

FEEDER

FROM FLOUT TO LOBER

RNP 1.00 DISTANCE 6.59 PAT MAP HAT HMAS

<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	341536.68N/1200049.66W	208	50	20	2C	2000				AT1792	4000
OVER WATER	341537.66N/1200109.58W	0								AS1500	1500

COMPUTATIONS

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

SEGMENT REMARKS:

QUALITY
10
CHECKED

INITIAL

FROM

LOBER

TO

ECEVA

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
1.00	9.53										
<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	341651.00N/1200513.82W	208	215	8	4B	1000				AT1692	2900
OVER WATER	342034.18N/1200513.82W	0								AS1500	1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM

AFOXY

TO

RIMVE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
1.00	7.78										
<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	343051.00N/1200948.00W	3009	215	8	4B	1000				PR280 AT111	4400
TERRAIN	343045.00N/1201000.00W	2808 (2800)								AS1500	4300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INITIAL

FROM

RIMVE

TO

ECEVA

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
1.00	3.95										
<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	342930.00N/1200915.00W	1578	215	8	4B	1000				PR260	2900
TERRAIN	342830.00N/1200506.00W	793 (800)								AS1500	2300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM

ECEVA

TO

NAPPS

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
1.00	6.18										
<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	342839.00N/1200342.00W	919	215	8	4B	500					1500
TERRAIN	342806.00N/1200257.00W	314 (300)								AS1500	1800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LPV

FROM

NAPPS

TO

RW07

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	5.37		DA				296				
<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 (06-289082)	342539.76N/1195153.40W	97	20	3	1A		34.00:1			MA40	309

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV/VNAV

FROM

NAPPS

TO

RW07

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	5.37		DA				590				
<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	342612.00N/1195236.00W	215	215	8	4B		21.62:1				603

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM

NAPPS

TO

RW07

<u>RNP</u> 0.30	<u>DISTANCE</u> 5.45	<u>PAT</u>	<u>MAP</u> RW07	<u>HAT</u> 807	<u>HMAS</u>	CHECKED					
<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	342609.00N/1195533.00W	312	215	8	4B	250					820

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

GOLET

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u> 100				
<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 (06-289082)	342539.76N/1195153.40W	97	20	3	1A		ASC				4000
AAO	342815.00N/1194245.00W	2057	215	8	4B	1000					3100
TERRAIN	342739.00N/1194400.00W	872 (900)								AS1500	2400

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

GOLET

<div>RNP</div> <div>0.30-1.00</div>	DISTANCE	PAT	MAP		HAT		HMAS				
										442	
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				4000
AAO	342815.00N/1194245.00W	2057	215	8	4B	1000					3100
TERRAIN	342739.00N/1194400.00W	872 (900)								AS1500	2400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSSED APPROACH: LNAV

FROM

RW07

TO

GOLET

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30-1.00											720
<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>
							ASC				4000
AAO	342815.00N/1194245.00W	2057	215	8	4B	1000					3100
TERRAIN	342739.00N/1194400.00W	872 (900)								AS1500	2400

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											
AAO	342648.00N/1195145.00W	1.30	806	481	215	8	4B	300		SI	820
CATEGORY B											
AAO	342651.00N/1195251.00W	1.81	826	524	215	8	4B	300			840
CATEGORY C											
ANTENNA (06-289049)	342507.72N/1194907.15W	2.84	826	337	20	3	1A	300		XP203	840
CATEGORY D											
AAO	342512.00N/1194557.00W	3.70	986	594	215	8	4B	300		XP106	1000

CIRCLING REMARKS:

XP: TO MEET CAT B MINIMUMS, XP: MATCH EXISITING MINIMUMS

MSA

CENTER

RW07

RADIUS

25



SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	AAO	344151.00N/1193918.00W	017	19.0	7018	215	8	4B	1000			8100

MSA REMARKS:

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
SBA	RNAV (GPS) RWY 7	1	SANTA BARBARA	CA	14	RNAV

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

TAA NOT DEVELOPED PER WESTERN FPT



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

SBA APP CON, SBA TOWER, ZLA ARTCC

<u>WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>WMSCR</u>	<u>ADJUSTMENTS</u>
ASOS	SBA	24	SBA	0.13	Y	0
<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>WMSCR</u>	<u>ADJUSTMENTS</u>
ASOS	OXR	24	OXR	34.45	Y	83

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KSBA 14
KOXR 36
RA=82.4

<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>	
RW15L	BSC-G		
RW15R - REIL (PCL), MIRL (PCL)	BSC-G		
RW33L - MIRL (PCL)	BSC-G		
RW33R	BSC-G		
RW07 - MALSR (PCL), HIRL	PIR-G	APPROACH	
RW25 - HIRL, REIL, PAPI-4L	PIR-G	ROLL OUT	

<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u>	<u>TCH</u>
3.00	11.4	52.3				

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<div>X</div>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<div>X</div>	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
+3C	+54C	+3C	+14.97C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2019-2023).
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 955 HIGH TEMP 1260.

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	CIRCLING RWY 15L
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<u>AIRPORT ID</u> SBA	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 7	<u>AMDT NO.</u> 1	<u>CITY</u> SANTA BARBARA	<u>STATE</u> CA	<u>AIRPORT ELEVATION</u> 14	<u>FACILITY</u> RNAV
20:1						
73 TREE (06-112504) 342603.6700N/1195025.5300W (8.71)				119 TREE (06-291561) 342612.2600N/1195033.5000W (4.38)		
FINAL TYPE	CIRCLING RWY 15R					
20:1						
48 TREE (06-135239) 342558.0600N/1195031.4800W (5.14)				119 TREE (06-291561) 342612.2600N/1195033.5000W (4.5)		
FINAL TYPE	CIRCLING RWY 33L					
20:1						
80 TREE (06-289338) 342457.6600N/1195010.4200W (12.32)				75 TREE (06-290794) 342456.4600N/1195017.4700W (8.76)		
68 TREE (06-289770) 342456.4400N/1195016.4600W (0.61)						
FINAL TYPE	CIRCLING RWY 33R					
20:1						
80 TREE (06-289338) 342457.6600N/1195010.4200W (11.94)						
FINAL TYPE	LPV. LNAV/VNAV					
34:1						
76 TREE (06-044460) 342535.7800N/1195143.6600W (3.86)				97 TREE (06-289082) 342539.7600N/1195153.4000W (1.17)		
<u>PENETRATIONS REMARKS:</u>						

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

<u>PENETRATIONS REMARKS:</u>

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
CAT D CIRCLING MINIMUMS REMAIN THE SAME PER FPT REQUEST.
ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



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	THLD	TO 1000FT POINT	3.12
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	088.49
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	100
DISTANCE FROM	THLD	TO 1500FT POINT	5.05
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.76
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	088.49
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	100

THRESHOLD COORDINATES (IF STR-IN)	342539.00N/1195116.71W
ARP COORDINATES	342534.29N/1195029.37W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 7 DISTANCE 0.66 NM
FAF COORDINATES	342530.54N/1195752.05W
FIX NAME COORDINATES	

REMARKS

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
WILLIAM D. MELTON	AJV-A423	01/23/2024	AERONAUTICAL INFORMATION SPECIALIST

