

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
GRAPHIC DEPARTURE PROCEDURES (DP)**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
KWANG	SIX	KWANG6.KWANG	FIVE	10/22/2009	17APR2025
<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

DP ROUTE DESCRIPTION:

TAKEOFF RWY 7: CLIMBING RIGHT TURN TO INTERCEPT GVO VORTAC R-099 TO KWANG THENCE...

TAKEOFF RWY 15L/R, 25: CLIMBING LEFT TURN TO INTERCEPT GVO VORTAC R-099 TO KWANG THENCE...

...ON (TRANSITION). MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

<u>TRANSITION NAME</u>	<u>TRANSITION COMPUTER CODE</u>	<u>FROM FIX/NAVAID</u>	<u>TO FIX/NAVAID</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>MEA</u>	<u>MOCA</u>	<u>CROSSING ALTITUDE/FIXES</u>
HENER	KWANG6.HENER	KWANG	HENER	070.64 (FIM R-250)	14.30	5000	5000	
SAN MARCUS	KWANG6.RZS	KWANG	RZS VORTAC	299.35 (RZS R-119)	17.51	6200	6200	CROSS GVO R-092 AT OR ABOVE 6200
GINNA	KWANG6.GINNA	KWANG	CMA VOR/DME	091.37 (CMA R-271)	21.66	4000	4000	
		CMA VOR/DME	GINNA	072.18 (CMA R-072)	13.06	4200	4200	

PBN REQUIREMENT NOTES:**EQUIPMENT REQUIREMENT NOTES:****PROCEDURAL DATA NOTES:****TAKEOFF MINIMUMS:**

RWY 33L/R: NA - ENVIRONMENTAL

RWY 15L, 25: STANDARD

RWY 7: STANDARD WITH MINIMUM CLIMB OF 280 FT/NM TO 1200

RWY 15R: 300-1

TAKEOFF OBSTACLES NOTES:

SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

CONTROLLING OBSTACLES:

RWY 15R: 163 TREE 342457.46N/1195022.72W

RWY 7: 800 AAO 342504.14N/1194516.46W

OBSTACLE MANDATING ODP ROUTE DEVELOPMENT:

RWY 7: 3796 AAO 343033.00N/1194618.00W, 7014 AAO 344148.00N/1193915.00W

RWY 15L: 3186 AAO 343006.00N/1195130.00W, 6775 AAO 344227.00N/1194921.00W



RWY 15R: 6775 AAO 344227.00N/1194921.00W
RWY 25: 3176 AAO 343003.00N/1195151.00W, 6775 AAO 344227.00N/1194921.00W

MSA:
MSA FROM RZS VORTAC 030-120 8800, 120-210 5200, 210-300 5900, 300-030 8100

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:
AIRPORT MAG VAR: SBA 14E/1985
CHART: TOP ALTITUDE: ASSIGNED BY ATC

AIRPORTS SERVED:	AIRPORT ID	CITY	STATE
	KSBA	SANTA BARBARA	CA

COMMUNICATIONS:
CHART ATIS, CLNC DEL, SBA GND CON, SBA TWR

FIXES AND/OR NAVAIDS:
VTU VOR/DME

REMARKS:
DO NOT CHART MOCA: FROM KWANG TO HENER, KWANG TO RZS VORTAC, KWANG TO CMA VOR/DME, CMA VOR/DME TO GINNA
ABBREVIATED AMENDMENT
100 FT VEGETATION HEIGHT USED
AFS APPROVAL LETTER FOR STAND ALONE CEILING AND VIS FOR RWY 15R

FLIGHT INSPECTED BY	SIGNATURE	<i>Digitally signed by</i> DONALD H LANIER	OFFICE	DATE	
THOMAS E MOLOKIE		Dec 31, 2024	AJF	12/17/2024	
DEVELOPED BY	SIGNATURE	<i>Digitally signed by</i> DONALD H LANIER	OFFICE	DATE	
STEVEN DOUGHERTY		Dec 31, 2024	AJV-A421	05/15/2024	
APPROVED BY	SIGNATURE	<i>Digitally signed by</i> DONALD H LANIER	OFFICE	DATE	TITLE
DAVID DANNER		Dec 31, 2024	AJV-A421	12/26/2024	MANAGER

REQUIRED EFFECTIVE DATE
ROUTINE

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:**ZLA, SBA APCH, SBA ATCT, CA AERO DIV

CHANGES - REASONS:
1. DP ROUTE DESCRIPTION: CHANGED "VIA (TRANSITION) OR (ASSIGNED ROUTE)" TO "ON (TRANSITION). MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE" - PER 8260.46J.
2. TRANSITION ROUTES: SAN MARCUS TRANSITION: MEA/MOCA CHANGED FROM 6000 TO 6200, CROSSING ALTS/FIXES CHANGED FROM 6000 TO 6200 - OBSTACLE 4180 AAO 342942.00N/1194248.00 (4B).
3. TRANSITION ROUTES: GINNA TRANSITION: ADDED MEA/MOCA 4200, COURSE CHANGED FOR KWANG TO CMA VOR/DME FROM 090.61 TO 091.37 - PER 8260.46J, GEODETIC EVALUATION.
4. TRANSITION ROUTES: HENER TRANSITION: CHANGED COURSE FROM 070.00 TO 070.64 - NEW EVALUATION.



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KWANG	SIX	KWANG6.KWANG	FIVE	10/22/2009	17APR2025

5. TAKEOFF MINIMUMS: RWY 33L/33R: ADDED "ENVIRONMENTAL" - PER 8260.46J.
6. TAKEOFF MINIMUMS: CHANGED STANDARD FROM RWY 15L/R, 25 - STANDARD TO RWY 7, 15L, 25 - STANDARD - NO CONTROLLING OBSTACLE.
7. TAKEOFF MINIMUMS: CHANGED 15R FROM STANDARD TO 300-1 OR STANDARD WITH MINIMUM CLIMB OF 1107 FT/NM TO 211- CONTROLLING OBSTACLE IN ICA, APPROVAL LETTER REQUESTED FOR VISIBILITY ONLY REQUIREMENT.
8. TAKEOFF OBSTACLES NOTES: CHANGED TO "SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)" - TEXTUAL ODP HAS BEEN ESTABLISHED CONTAINING TAKEOFF OBSTACLE NOTES.
9. CONTROLLING OBSTACLES: CHANGED 15R TO 163 TREE 342457.46N/1195022.72W - PER 8260.46J.
10. CONTROLLING OBSTACLES: DELETED RWY 7, 15L AND 25 CONTROLLING OBSTACLES - NO CONTROLLING OBSTACLES.
11. CONTROLLING OBSTACLES: ADDED "OBSTACLE MANDATING ODP ROUTE DEVELOPMENT FOR RWY 7, 15L/R, 25 - PER 8260.46J.
12. MSA: ADDED MSA FROM RZS VORTAC - PER 8260.46J.
13. ADDITIONAL FLIGHT DATA: ADDED TOP ALTITUDE AND MAGVAR - PER 8260.46J.
14. AIRPORT SERVED: ADDED THE AIRPORT ID, CITY AND STATE - PER 8260.46J.
15. FIXES AND/OR NAVAIDS: ADDED VTU VOR/DME - PER 8260.46J.
16. REMARKS: ADDED ABBREVIATED AMENDMENT - PER 8260.46J.
17. DELETED "INT" FROM KWANG INT IN DP ROUTE DESCRIPTION AND TRANSITION ROUTES - NO LONGER REQUIRED.
18. REMARKS: ADDED "DO NOT CHART MOCA: FROM KWANG TO HENER, KWANG TO RZS VORTAC, KWANG TO CMA VOR/DME, CMA VOR/DME TO GINNA" - 8260.46, DEPARTURE PROCEDURE (DP) PROGRAM, MOCA DOCUMENTATION.
19. REMARKS: ADDED "AFS APPROVAL LETTER FOR STAND ALONE CEILING AND VIS FOR RWY 15R" - FOR DOCUMENTATION PURPOSE.

11/05/24: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 05/15/24.

1. DP ROUTE DESCRIPTION: CHANGED "...ON (TRANSITION). MAINTAIN ATC ASSIGNED ALTITUDE. EXPEC FILED ALTITUDE 10 MINUTES AFTER DEPARTURE" TO "...ON (TRANSITION). MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE" - CORRECTED THE WORD "EXPEC" TO "EXPECT".
2. TAKEOFF MINIMUMS: CHANGED FROM "RWY 7, 15L, 25: STANDARD" TO "RWY 15L, 25: STANDARD" - MATCH ACTIVE PROCEDURE TAKEOFF MINIMUMS.
3. TAKEOFF MINIMUMS: ADDED "RWY 7: STANDARD WITH MINIMUM CLIMB OF 280 FT/NM TO 1200" - MATCH ACTIVE PROCEDURE TAKEOFF MINIMUMS.
4. TAKEOFF MINIMUMS: CHANGED FROM "RWY 15R: 300-1 OR STANDARD WITH MINIMUM CLIMB OF 1107 FT/NM TO 211" TO "RWY 15R: 300-1" - APPROVED FOR STAND ALONE CEILING AND VIS.
5. CONTROLLING OBSTACLES: ADDED RWY 7 CONTROLLING OBSTACLE 800 AAO 342504.14N/1194516.46W - CONTROLLING OBSTACLE TO MATCH THE ODP AT THE AIRPORT.