

**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SUPERSEDED NUMBER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>
SAYOW	THREE	SAYOW3.SAYOW	TWO	10/12/2017	

<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 checked="" type="checkbox"/>

DP ROUTE DESCRIPTION:

TAKEOFF RWY 9: CLIMB ON HEADING 094.99 TO 520, THEN DIRECT TO CROSS SAYOW AT OR ABOVE 4900, THENCE...

...ON (TRANSITION). JETS MAINTAIN FL190, TURBOPROPS MAINTAIN 15000, 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>
IMPERIAL	SAYOW3.IPL	SAYOW	CHRJR	TRACK 066.40	7.14	4900	4800	CHRJR AT/ABOVE 7200
		CHRJR	JUNOR	TRACK 066.45	15.81	7200	7200	JUNOR AT/ABOVE 15000
		JUNOR	IPL VORTAC	TRACK 079.96	52.47	15000	8400	
MTBAL	SAYOW3.MTBAL	SAYOW	LEGUE	TRACK 024.99	13.28	4900	4800	LEGUE AT/ABOVE 10000
		LEGUE	JLI VORTAC	TRACK 026.00	20.73	10000	8000	
		JLI VORTAC	NSHEE	TRACK 022.29	18.56	15000	8600	
		NSHEE	MTBAL	TRACK 043.37	21.01	15000	8900	

PBN REQUIREMENT NOTES:

NOTE: RNAV 1 - DME/DME/IRU OR GPS REQUIRED.

EQUIPMENT REQUIREMENT NOTES:

NOTE: RADAR REQUIRED.

PROCEDURAL DATA NOTES:

NOTE: IF UNABLE ALTITUDE RESTRICTION AT JUNOR, ADVISE ATC ON INITIAL CONTACT.

TAKEOFF MINIMUMS:

RWY 9: 400-1 WITH MINIMUM CLIMB OF 610 FT/NM TO 1900 OR STANDARD WITH MINIMUM CLIMB OF 823 FT/NM TO 1900.

TAKEOFF OBSTACLES NOTES:

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

CONTROLLING OBSTACLES:

RWY 9: 281 FT MSL TREE (06-251207) 324351.80N/1170957.22W (823 CLIMB GRADIENT), 389 FT MSL BUILDING (06-022522) 324350.98N/1170935.18W (CLIMB GRADIENT TERMINATION ALTITUDE/CEILING), 383 FT MSL BUILDING (06-248106) 324349.80N/1170934.90W (VISIBILITY).



<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
SAYOW	THREE	SAYOW3.SAYOW	TWO	10/12/2017	

MSA:
SAN, 5400.

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:
AIRPORT MV: SAN 11E/2020
DME/DME ASSESSMENT: SAT (RNP 2.0).
CHART: TOP ALTITUDE: (JETS) FL190 / (TURBOPROPS) 15000.

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
SAN	SAN DIEGO	CA

COMMUNICATIONS:

CHART: ATIS, CLNC DEL, GND CON, TOWER.

FIXES AND/OR NAVAIDS:

REMARKS:

1. AFS APPROVAL LETTER ON FILE FOR CLIMB GRADIENTS IN EXCESS OF 500 FT PER NM.
2. DO NOT CHART MOCA: FROM SAYOW TO CHRJR, CHRJR TO JUNOR, SAYOW TO LEGUE.
3. ABBREVIATED AMENDMENT.
4. 100FT VEG USED PER FPT.

<u>FLIGHT INSPECTED BY</u>	<u>SIGNATURE</u>	<u>OFFICE</u>	<u>DATE</u>

<u>DEVELOPED BY</u>	<u>SIGNATURE</u>	<u>OFFICE</u>	<u>DATE</u>
ROBERT G HAMILTON (MATTHEW W.TOWNSEND)		AJV-A433	06/10/2025

<u>APPROVED BY</u>	<u>SIGNATURE</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
ROBERT G HAMILTON		AJV-A433	01/22/2026	MANAGER

REQUIRED EFFECTIVE DATE

ROUTINE

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:**ZLA, SAN DEP CON, SAN ATCT, AMGR

CHANGES - REASONS:

1. 1. DP ROUTE DESCRIPTION: UPDATED RWY 9 FROM "CLIMB HEADING 094.99 TO 520, THEN DIRECT TO CROSS SAYOW AT OR ABOVE 4900, THENCE..." TO "CLIMB ON HEADING 094.99 TO 520, THEN DIRECT TO CROSS SAYOW AT OR ABOVE 4900, THENCE..." - ADDED "ON" PER THE 8260.46K.
2. TRANSITION ROUTES (GRAPHIC DEPICTION ONLY): ADDED MOCA INFO FOR ALL TRANSITIONS AND ADDED FROM FIX/NAVAIDS TO ALL ROUTES- IAW 8260.46K 3-1-1.J.2.B AND SECTION 2 2.D.4.
3. PBN REQUIREMENTS NOTES: ADDED "NOTE: RNAV 1 - DME/DME/IRU OR GPS REQUIRED" - MOVED AND COMBINED FROM PROCEDURAL DATA NOTES AND IAW 8260.46K 2-1-5.I.3.E.
4. EQUIPMENT REQUIREMENTS NOTE: ADDED "RADAR REQUIRED" - MOVED FROM PROCEDURAL DATA NOTES AND IAW 8260.46K 2-1-5.J.
5. TAKEOFF MINIMUMS: UPDATED RWY 9 FROM "400-1 WITH MINIMUM CLIMB OF 610 FT PER NM TO 1900 OR STANDARD WITH MINIMUM CLIMB OF 687 FT PER NM TO 1900" TO "400-1 WITH MINIMUM CLIMB OF 610 FT/NM TO 1900 OR STANDARD WITH MINIMUM CLIMB OF 823 FT/NM TO 1900" - CLEARS NOTAM FDC 5/4295 AND NEW CONTROLLING OBSTACLE.

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
SAYOW	THREE	SAYOW3.SAYOW	TWO	10/12/2017	

6. TAKEOFF MINIMIMS: REMOVED "RWY 27: NA - ATC" - NOT REQUIRED.
7. TAKEOFF OBSTACLE NOTES: REMOVED TAKEOFF OBSTACLE NOTES AND UPDATED TO "SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)" - ODP ESTABLISHED AND IAW 8260.46K APPENDIX E SECTION 1 2.I.
8. CONTROLLING OBSTACLES: UPDATED CONTROLLING OBSTACLES FOR RWY 09 - UPDATED TARGETS EVALUATION.
9. MSA: ADDED "SAN, 5400" - IAW 82604.46K APPENDIX E SECTION 1 2.K.
10. COMMUNICATIONS: REMOVED "SOCAL DEP CON (EAST)" - IAW 8260.46K SECTION 2 FAA FORM 15B 2.O.
11. REMARKS: REMOVED "1. WAIVER ON FILE FOR ICA LENGTH IN EXCESS OF 10 NM(S)" AND ADDED "4". 100FT VEG USED PER FPT" - IAW 82604.46K APPENDIX E SECTION 1 2.Q.
12. REMARKS: UPDATED "3. MOCA(S) NOT CHARTED PER ATC REQUEST" TO "2. DO NOT CHART MOCA: DO NOT CHART MOCA: FROM SAYOW TO CHRJR, CHRJR TO JUNOR, SAYOW TO LEGUE." - IAW 8260.46K 3-1-1 J.2.B.



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
DEPARTURE (DATA RECORD)**

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>				
SAYOW	THREE	SAYOW3.SAYOW	TWO	10/12/2017					
<u>FIX/NAVAID</u>	<u>LAT/LONG</u>	<u>C</u>	<u>FO/FB</u>	<u>LEG TYPE</u>	<u>TC</u>	<u>DIST (NM)</u>	<u>ALTITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>
RW09 (AER)*	324410.92N/1171204.43W*	N	-	-	-	-			*DISPL THLD (1000.00 FT)
520 MSL	-	-	-	VA	105.99	-	AT/ABOVE 520		400-1 WITH MINIMUM CLIMB OF 610 FT/NM TO 1900 OR STANDARD WITH MINIMUM CLIMB OF 823 TO 1900
SAYOW	324105.53N/1165916.67W	Y	FB	DF	-	-	AT/ABOVE 4900		
SAYOW	324105.53N/1165916.67W	Y	-	IF	-	-	AT/ABOVE 4900		SAYOW3.IPL
CHRJR	324238.90N/1165101.00W	Y	FB	TF	077.40	7.14	AT/ABOVE 7200		
JUNOR	324604.05N/1163243.12W	Y	FB	TF	077.45	15.81	AT/ABOVE 15000		
IPL VORTAC	324455.92N/1153030.90W	Y	FB	TF	090.96	52.47			
SAYOW	324105.53N/1165916.67W	Y	-	IF	-	-	AT/ABOVE 4900		SAYOW3.MTBAL
LEGUE	325151.00N/1165001.00W	Y	FB	TF	035.99	13.28	AT/ABOVE 10000		
JLI VORTAC	330825.65N/1163509.37W	Y	FB	TF	037.00	20.73			
NSHEE	332357.70N/1162259.20W	Y	FB	TF	033.29	18.56			
MTBAL	333611.93N/1160232.30W	Y	FB	TF	054.37	21.01			

