

**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SUPERSEDED NUMBER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>
SEGUL	ONE	SEGUL1.SEGUL	NONE		
<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 1L: CLIMB ON HEADING 013.80 TO 513, THEN LEFT TURN DIRECT SEPDY, THEN LEFT TURN DIRECT WAMMY, THEN ON TRACK 154.09 TO CROSS SEGUL AT OR ABOVE 16000, THENCE...

TAKEOFF RWY 1R: CLIMB ON HEADING 013.80 TO 513, THEN LEFT TURN DIRECT SEPDY, THEN LEFT TURN DIRECT WAMMY, THEN ON TRACK 154.09 TO CROSS SEGUL AT OR ABOVE 16000, THENCE...

TAKEOFF RWY 28L: CLIMB ON HEADING 283.81 TO 513, THEN DIRECT SENZY, THEN LEFT TURN DIRECT WAMMY, THEN ON TRACK 154.09 TO CROSS SEGUL AT OR ABOVE 16000, THENCE...

TAKEOFF RWY 28R: CLIMB ON HEADING 283.82 TO 513, THEN DIRECT SENZY, THEN LEFT TURN DIRECT WAMMY, THEN ON TRACK 154.09 TO CROSS SEGUL AT OR ABOVE 16000, THENCE...

...ON YYUNG 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>
YYUNG	SEGUL1.YYUNG	SEGUL	CYPRS	TRACK 154.18	33.10	16000	2300	AT/ABOVE FL220
		CYPRS	YYUNG	TRACK 114.87	85.78	FL220	4700	

PBN REQUIREMENT NOTES:

RNAV 1 - DME/DME/IRU OR GPS

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT

PROCEDURAL DATA NOTES:

NOTE: TURBOJET AIRCRAFT ONLY.

TAKEOFF MINIMUMS:

RWY 10L, 10R, 19L, 19R: NA - ATC.

RWY 1L, 1R: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 513 THEN 353 FT/NM TO 2100.

RWY 28L: STANDARD WITH MINIMUM CLIMB OF 353 FT/NM TO 1200.

RWY 28R: STANDARD WITH MINIMUM CLIMB OF 361 FT/NM TO 1100

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TAKEOFF OBSTACLES NOTES:

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

CONTROLLING OBSTACLES:
RWY 1L, 1R: 1224 FT MSL TREE 374027.29N/1222415.34W, (CLIMB GRADIENT), 1569 FT MSL TOWER 374114.38N/1222605.32W (CLIMB-TO ALTITUDE).
RWY 28L: 684 FT MSL TREE 373811.66N/1222645.32W (CLIMB GRADIENT), 879 FT MSL AAO 373817.23N/1222746.69W (CLIMB-TO ALTITUDE).
RWY 28R: 684 FT MSL TREE 373811.66N/1222645.32W (CLIMB GRADIENT), 879 FT MSL AAO 373824.10N/1222753.44W (CLIMB-TO ALTITUDE).

MSA:
MSA FROM KSFO, 5100

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:
DME/DME ASSESSMENT: SAT (RNP 2.0).
CHART: TOP ALTITUDE: ASSIGNED BY ATC
AIRPORT MV: SFO (P) 14E/2020

AIRPORT ID	CITY	STATE
KSFO	SAN FRANCISCO	CA

COMMUNICATIONS:
CHART: D-ATIS, CLNC DEL, GND CON, TOWER, CPDLC

FIXES AND/OR NAVAIDS:

REMARKS:
1. 165 FT MAXIMUM VEGETATION HEIGHT UTILIZED PER FPT.
2. 265 FT MAXIMUM SHIP HEIGHT UTILIZED.
3. MEAS ARE NOT THE MOCA DUE TO ATC COMMUNICATIONS LIMITATIONS, AND FOR RADAR COVERAGE FOR DME/DME/IRU AIRCRAFT.
4. RWY 1L, 1R EARLY TURN REQUIRED FOR DECONFLICTION WITH KOAK. LNAV ENGAGEMENT CLIMB GRADIENT REQUIRED FOR EARLY TURN CONSTRUCTION TO KEEP THE DF FIX LOCATION OUTSIDE OF THE CLIMB-TO-ALTITUDE TURN ARCS.

FLIGHT INSPECTED BY	SIGNATURE	OFFICE	DATE	
THOMAS E MOLOKIE	<div>Digitally signed by ERIC N SUSKI May 23, 2024</div>	FPO	05/21/2024	
DEVELOPED BY	SIGNATURE	OFFICE	DATE	
MICHAEL MCCARTNEY	<div>Digitally signed by MICHAEL A MCCARTNEY Nov 21, 2023</div>	AJV-A431	10/10/2023	
APPROVED BY	SIGNATURE	OFFICE	DATE	TITLE
ERIC N. SUSKI	<div>Digitally signed by ROBERT G HAMILTON Dec 07, 2023</div>	AJV-A431		MANAGER
REQUIRED EFFECTIVE DATE				
ROUTINE				

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZOA, NORCAL TRACON, SFO ATCT, AMGR

CHANGES - REASONS:
1. ORIGINAL PROCEDURE REQUESTED BY ATC.



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

DP NAME						NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER		DATED	ACTUAL EFFECTIVE DATE
SEGUL						ONE	SEGUL1.SEGUL	NONE			
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS		
RW01L (AER)*	373634.03N/1222254.83W*	N	-	-	-	-			*DISPL THLD (640 FT) CG 500 FT PER NM TO 513		
513 MSL	-	-	-	VA	27.80	-	AT/ABOVE 513		CG 353 FT PER NM TO 2100		
SEPDY	374055.43N/1222103.44W	Y	FO	DF	-	-			LEFT TURN		
WAMMY	373227.83N/1224326.60W	Y	FB	DF	-	19.69			LEFT TURN		
SEGUL	365746.93N/1223419.67W	Y	FB	TF	168.09	35.39	AT/ABOVE 16000				
RW01R (AER)*	373627.69N/1222248.50W*	N	-	-	-	-			*DISPL THLD (560 FT) CG 500 FT PER NM TO 513		
513 MSL	-	-	-	VA	027.80	-	AT/ABOVE 513		CG 353 FT PER NM TO 2100		
SEPDY	374055.43N/1222103.44W	Y	FO	DF	-	-			LEFT TURN		
WAMMY	373227.83N/1224326.60W	Y	FB	DF	-	19.69			LEFT TURN		
SEGUL	365746.93N/1223419.67W	Y	FB	TF	168.09	35.39	AT/ABOVE 16000				
RW28L (AER)*	373643.55N/1222133.35W*	N	-	-	-	-			*DISPL THLD (300 FT)		
513 MSL	-	-	-	VA	297.81	-	AT/ABOVE 513		CG 353 FT PER NM TO 1200		
SENZY	373959.40N/1222906.60W	Y	FO	DF	-	-					
WAMMY	373227.83N/1224326.60W	Y	FB	DF	-	13.65			LEFT TURN		
SEGUL	365746.93N/1223419.67W	Y	FB	TF	168.09	35.39	AT/ABOVE 16000				
RW28R (AER)*	373650.11N/1222129.01W*	N	-	-	-	-			*DISPL THLD (300 FT)		
513 MSL	-	-	-	VA	297.82	-	AT/ABOVE 513		CG 361 FT PER NM TO 1100		
SENZY	373959.40N/1222906.60W	Y	FO	DF	-	-					
WAMMY	373227.83N/1224326.60W	Y	FB	DF	-	13.65			LEFT TURN		

QUALITY
20

QUALITY
20
CHECKED

<u>DP NAME</u>		<u>NUMBER</u>		<u>DP COMPUTER CODE</u>		<u>SUPERSEDED NUMBER</u>		<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
SEGUL		ONE		SEGUL1.SEGUL		NONE			
<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>
SEGUL	365746.93N/1223419.67W	Y	FB	TF	168.09	35.39	AT/ABOVE 16000		
SEGUL	365746.93N/1223419.67W	Y	-	IF	-	-			SEGUL1.YYUNG
CYPRS	362520.41N/1222555.85W	Y	FB	TF	168.18	33.10	AT/ABOVE FL220		
YYUNG	353057.90N/1210407.27W	Y	FB	TF	128.87	85.78			

