

**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SUPERSEDED NUMBER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>
MOWGL	TWO	MOWGL2.MOWGL	ONE	12/29/2022	10AUG2023

<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
	☐	☐	☒	☐	☒

DP ROUTE DESCRIPTION:**TAKEOFF RWY 2:** CLIMB ON HEADING 015.99 TO INTERCEPT COURSE 315.24/7.49 TO CROSS MOWGL AT OR ABOVE 9900, THENCE ...**TAKEOFF RWY 29:** CLIMB ON HEADING 286.00 TO INTERCEPT COURSE 333.90/7.03 TO CROSS MOWGL AT OR ABOVE 9900, THENCE ...

... (TRANSITION) MAINTAIN 13000 EXPECT FILED ALTITUDE 10 MIN 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>
HALLE	MOWGL2.HALLE	MOWGL	TUBNG	TRACK 324.14	12.09	10000	9600	
		TUBNG	HALLE	TRACK 029.29	23.50	11000	10300	
LOVELOCK	MOWGL2.LLC	MOWGL	TUBNG	TRACK 324.14	12.09	10000	9600	
		TUBNG	HALLE	TRACK 029.29	23.50	11000	10300	
		HALLE	LLC VORTAC	TRACK 064.55	64.50	11000	11000	
SIGNA	MOWGL2.SIGNA	MOWGL	HELLA	TRACK 281.28	04.52	11000	10200	AT/ABOVE 11100
		HELLA	SIGNA	TRACK 229.91	18.04	11400	11400	
PALISADES	MOWGL2.SWR	MOWGL	HELLA	TRACK 281.28	04.52	11000	10200	AT/ABOVE 11100
		HELLA	FRSHH	TRACK 222.10	05.44	11400	11400	
		FRSHH	DWNHL	TRACK 164.58	07.05	11400	11400	
		DWNHL	SWR VOR/DME	TRACK 131.82	09.53	11400	11200	
WNDEL	MOWGL2.WNDEL	MOWGL	TUBNG	TRACK 324.14	12.09	10000	9600	
		TUBNG	WNDEL	TRACK 345.08	45.49	11000	10500	

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
MOWGL	TWO	MOWGL2.MOWGL	ONE	12/29/2022	10AUG2023

PROCEDURAL DATA NOTES:**PBN REQUIREMENTS NOTES:**

NOTE: RNAV-1 GPS.

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT.

TAKEOFF MINIMUMS:**RWYS 11, 20:** NA - OBSTACLES.**RWY 2:** STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 6404, THEN MINIMUM CLIMB OF 381 FT PER NM TO 7300.**RWY 29:** STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 6404, THEN MINIMUM CLIMB OF 460 FT PER NM TO 8600.**TAKEOFF OBSTACLES NOTES:**

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

CONTROLLING OBSTACLES:**RWY 2:** 6834 FT MSL AAO 393348.00N/1200700.00W (CLIMB GRADIENT), 6847 FT MSL AAO 392254.00N/1200706.00W (CLIMB-TO-ALTITUDE).**RWY 29:** 6822 FT MSL TREE 392109.10N/1201143.29W (CLIMB GRADIENT), 7861 FT MSL AAO 392421.00N/1201503.00W CLIMB-TO-ALTITUDE).**MSA:**

MSA FROM ARP KTRK 12000

LOST COMMUNICATIONS PROCEDURES:**ADDITIONAL FLIGHT DATA:**

REFERENCE MAGVAR: KTRK 14E EPOCH YEAR 2015

CHART: TOP ALTITUDE: 13000

CHART: POOKY

CHART SPEED ICON: MAXIMUM SPEED 250 KIAS AT HELLA.

CHART: RENO MOA.

AIRPORTS SERVED:AIRPORT IDCITYSTATE

KTRK

TRUCKEE

CA

COMMUNICATIONS:

CHART: OAKLAND CENTER, TRUCKEE TOWER, UNICOM, AWOS-3PT

FIXES AND/OR NAVAIDS:

POOKY

REMARKS:

CLIMB GRADIENTS IN EXCESS OF 200 FT/NM APPLIED TO SUPPORT OPERATIONAL AND OBSTACLE CLEARANCE REQUIREMENTS.



<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
MOWGL	TWO	MOWGL2.MOWGL	ONE	12/29/2022	10AUG2023

FLIGHT INSPECTED BY

Processed IAW Technical Support Group (AJF-17) Memo dated 07/07/2021 Guidance for Procedural Changes
Requiring Flight Inspection/Validation

Digitally signed by
CASIMIR L TABAKA

OFFICE

FIOG

DATE

10/13/2022

DEVELOPED BY

CHRISTOPHER R.

SCHONES

Digitally signed by

CHRISTOPHER SCHONES

Jan 31, 2023

OFFICE

AJV-A432

DATE

06/15/2023

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by
CASIMIR L TABAKA

OFFICE

AJV-A432

DATE**TITLE**

MANAGER

Jan 31, 2023

REQUIRED EFFECTIVE**DATE** ROUTINE**COORDINATED WITH:**

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZOA, TRK ATCT, AMGR

CHANGES - REASONS:

1. CHANGED TRANSITION NAME FROM "SQUAW VALLEY" TO "PALISADES" - SWR VOR/DME NAME CHANGED.

QUALITY
31
CHECKED

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

DP NAME				NUMBER		DP COMPUTER CODE		SUPERSEDED NUMBER		DATED		ACTUAL EFFECTIVE DATE	
MOWGL				TWO		MOWGL2.MOWGL		ONE		12/29/2022		10AUG2023	
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS				
RW02 (AER)	391852.27N/1200823.96W	N	-	-	-	-	-	-	CG 500 FT PER NM TO 6404, THEN CG 381 FT PER NM TO 7300				
-	392027.12N/1200713.47W	-	-	VI	029.99	1.79	-	-	-				
MOWGL	392652.21N/1201211.07W	Y	FB	CF	329.24	7.49	AT/ABOVE 9900	-	-				
RW29 (AER)	391854.87N/1200752.74W	N	-	-	-	-	-	-	CG 500 FT PER NM TO 6404, THEN CG 460 FT PER NM TO 8600				
-	392000.57N/1201019.34W	-	-	VI	300.00	2.27	-	-	-				
MOWGL	392652.21N/1201211.07W	Y	FB	CF	347.90	7.03	AT/ABOVE 9900	-	-				
TRANSITIONS													
MOWGL	392652.21N/1201211.07W	Y	-	IF	-	-	AT/ABOVE 9900	-	MOWGL2.HALLE				
TUBNG	393805.92N/1201800.76W	Y	FB	TF	338.14	12.09	-	-	-				
HALLE	395511.21N/1195703.90W	Y	FB	TF	043.29	23.50	-	-	-				
MOWGL	392652.21N/1201211.07W	Y	-	-	-	-	AT/ABOVE 9900	-	MOWGL2.LLC				
TUBNG	393805.92N/1201800.76W	Y	FB	TF	338.14	12.09	-	-	-				
HALLE	395511.21N/1195703.90W	Y	FB	TF	043.29	23.50	-	-	-				
LLC VORTAC	400730.95N/1183439.34W	Y	FB	TF	078.55	64.50	-	-	-				
MOWGL	392652.21N/1201211.07W	Y	-	IF	-	-	AT/ABOVE 9900	-	MOWGL2.SIGNA				
HELLA	392847.88N/1201727.51W	Y	FB	TF	295.28	4.52	AT/ABOVE 11100	AT/BELOW 250K					
SIGNA	392049.57N/1203820.84W	Y	FB	TF	243.91	18.04	-	-	-				

QUALITY
31
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>
MOWGL		TWO		MOWGL2.MOWGL		ONE		12/29/2022	10AUG2023
<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>
MOWGL	392652.21N/1201211.07W	Y	-	IF	-	-	AT/ABOVE 9900	-	MOWGL2.SWR
HELLA	392847.88N/1201727.51W	Y	FB	TF	295.28	4.52	AT/ABOVE 11100	AT/BELOW 250K	-
FRSHH	392545.63N/1202317.02W	Y	FB	TF	236.10	5.44	-	-	-
DWNHL	391842.66N/1202303.50W	Y	FB	TF	178.58	7.05	-	-	-
SWR VOR/DME	391049.16N/1201610.60W	Y	FB	TF	145.82	9.53	-	-	-
MOWGL	392652.21N/1201211.07W	Y	-	IF	-	-	AT/ABOVE 9900	-	MOWGL2.WNDEL
TUBNG	393805.92N/1201800.76W	Y	FB	TF	338.14	12.09	-	-	-
WNDEL	402336.82N/1201858.37W	Y	FB	TF	359.08	45.49	-	-	-

