

**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SUPERSEDED NUMBER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	ONE	MOWGL1.MOWGL	NONE		29DEC2022

<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	MOWGL1.HALLE	MOWGL	TUBNG	TRACK 324.14	12.09	10000	9600	
		TUBNG	HALLE	TRACK 029.29	23.50	11000	10300	
LOVELOCK	MOWGL1.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	MOWGL1.SIGNA	MOWGL	HELLA	TRACK 281.28	04.52	11000	10200	AT/ABOVE 11100
		HELLA	SIGNA	TRACK 229.91	18.04	11400	11400	
SQUAW VALLEY	MOWGL1.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	MOWGL1.WNDEL	MOWGL	TUBNG	TRACK 324.14	12.09	10000	9600	
		TUBNG	WNDEL	TRACK 345.08	45.49	11000	10500	

QUALITY
45
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SUPERSEDED NUMBER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	ONE	MOWGL1.MOWGL	NONE		29DEC2022

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 ID****CITY****STATE**

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	ONE	MOWGL1.MOWGL	NONE		29DEC2022

FLIGHT INSPECTED BY*Digitally signed by*

STANLEY PHILLIPS

ERIC N SUSKI

Oct 18, 2022

OFFICE

FPO

DATE

10/12/2022

DEVELOPED BY*Digitally signed by*

TARA N. MARTINELL

ERIC N SUSKI

Oct 18, 2022

*Digitally signed by***TARA N MARTINELLI**

Oct 18, 2022

OFFICE

AJV-A431

DATE

10/18/2022

APPROVED BY*Digitally signed by*

ERIC SUSKI

ERIC N SUSKI

Oct 18, 2022

OFFICE

AJV-A431

DATE**TITLE**

MANAGER

REQUIRED EFFECTIVE DATE

ROUTINE

COORDINATED WITH:**A4A** ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZOA, TRK ATCT, AMGR**CHANGES - REASONS:**

10/17/2022: THIS IS A UPDATED COPY OF THE FORMS DEVELOPED ON 07/14/2022

REMOVED PROCEDURAL DATA NOTES: GPS REQUIRED AND RNAV 1 PER FC REPORT DATES 10/12/2022.

10/24/2022: THIS IS AN UPDATED COPY OF THE FORMS DEVELOPED ON 07/14/2022

1. CORRECTED PBN REQUIRED NOTE FROM RNAV-1 DME/DME/IRU OR GPS TO RNAV-1 GPS
2. REMOVED DME/DME ASSESSMENT: SAT (RNP 2.0) FROM ADDITIONAL FLIGHT DATA PER FC FINDINGS.

*Digitally signed by***ERIC N SUSKI**

Oct 25, 2022



**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>
MOWGL		ONE		MOWGL1.MOWGL		NONE			29DEC2022
<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>
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	392650.11N/1201205.77W	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	392650.11N/1201205.77W	Y	FB	CF	347.90	7.03	AT/ABOVE 9900	-	-
TRANSITIONS									
MOWGL	392650.11N/1201205.77W	Y	-	IF	-	-	AT/ABOVE 9900	-	MOWGL1.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	392650.11N/1201205.77W	Y	-	-	-	-	AT/ABOVE 9900	-	MOWGL1.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	392650.11N/1201205.77W	Y	-	IF	-	-	AT/ABOVE 9900	-	MOWGL1.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
45
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		ONE		MOWGL1.MOWGL		NONE			29DEC2022
<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	392650.11N/1201205.77W	Y	-	IF	-	-	AT/ABOVE 9900	-	MOWGL1.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	392650.11N/1201205.77W	Y	-	IF	-	-	AT/ABOVE 9900	-	MOWGL1.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	-	-	-

