

U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
GRAPHIC DEPARTURE PROCEDURE (DP)

Bearings, headings, courses, tracks, and radials are magnetic. Elevation and altitudes are in feet MSL. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation.
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DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOOKS	TWO	HOOKS2.HOOKS	ONE	12/22/2005	15 SEP 2016

TYPE: SID

DP ROUTE DESCRIPTION:

TAKEOFF RWYS 14L/R: CLIMB VIA NUQ R-141 TO CROSS HOOKS/NUQ 20.00 DME AT 6000, THENCE...

... VIA {TRANSITION}

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	Crossing Altitudes/Fixes
VALLEY	HOOKS2.SNS	HOOKS	SNS VORTAC	135.81 (SNS R-316)	31.01	6000	4100	

PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

NOTE: TACAN REQUIRED

TAKEOFF MINIMUMS: RWY 14R/L: STANDARD WITH THE FOLLOWING MINIMUM CLIMB GRADIENTS.

RWY 14R: OBSTACLE CLIMB OF 314 FEET PER NM TO 4900, ATC CLIMB OF 332 FEET PER NM TO 6000.

RWY 14L: OBSTACLE CLIMB OF 314 FEET PER NM TO 4900, ATC CLIMB OF 328 FEET PER NM TO 6000.

RWYS 32R/L: NA, ATC

TAKEOFF OBSTACLES NOTES:

NOTE: RWY 32R, LIGHT SUPPORT STRUCTURES ABEAM DER, 76 FT LEFT AND 76 FT RIGHT OF CENTERLINE, UP TO 3 FT AGL /7 FT MSL. VEHICLES ON ROAD BEGINNING 5 FT FROM DER, 92FT LEFT OF CENTERLINE, UP TO 15 FT AGL/20 FT MSL. VEHICLES ON ROAD BEGINNING 512 FT FROM DER, 158 FT RIGHT OF CENTERLINE, UP TO 15 FT AGL/20 FT MSL. FENCE 134 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 8 FT AGL/12 FT MSL.

NOTE: RWY 32L, LIGHT SUPPORT STRUCTURES ABEAM DER, 76 FT LEFT AND 76 FT RIGHT OF CENTERLINE, UP TO 1 FT AGL/5 FT MSL. NAVAID 449 FT FROM DER, 315 FT RIGHT OF CENTERLINE, UP TO 17 FT AGL/21 FT MSL. TREE 1632 FT FROM DER, 934 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/129 FT MSL.

NOTE: RWY 14L, LIGHT SUPPORT STRUCTURE 13 FT FROM DER, 126 FT RIGHT OF CENTERLINE, UP TO 4 FT AGL/34 FT MSL. VEHICLES ON ROAD BEGINNING 770 FT FROM DER, 547 FT RIGHT OF CENTERLINE, 15 FT AGL/53 FT MSL. RAIL CAR ON RAILROAD BEGINNING 774 FT FROM DER, 261 FT RIGHT OF CENTERLINE, UP TO 23 FT AGL/60 FT MSL. TREES BEGINNING 1191 FT FROM DER, 71 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/171 FT MSL. TREES BEGINNING 1922 FT FROM DER, 109 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/153 FT MSL.

NOTE: RWY 14R, LIGHT SUPPORT STRUCTURES ABEAM DER, 77 FT RIGHT AND 77 FT LEFT OF CENTERLINE, UP TO 3 FT AGL/37 FT MSL. FENCE, 187 FT FROM DER. 488 FT RIGHT OF CENTERLINE, UP TO 8 FT AGL/45 FT MSL. VEHICLES ON ROAD BEGINNING 207 FT FROM DER. 520 FT RIGHT OF CENTERLINE, 15 FT AGL/55 FT MSL. RAIL CAR ON RAILROAD BEGINNING 955 FT FROM DER. 342 FT LEFT OF CENTERLINE, UP TO 23 FT AGL/60 FT MSL. TREES BEGINNING 1066 FT FROM DER, 34 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/153 FT MSL.

QUALITY
15
CHECKED

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CONTROLLING OBSTACLES:

RWYS 14L/R: 3486 MSL AAO 370915.20/1215350.20, 3719 MSL AAO 370951.00/1215515.00, 3039 MSL AAO 371115.00/1215533.00, 3679 MSL AAO 371003.00/1215530.00, 4081 MSL TOWER 370800.00/1215038.00, 3319 MSL AAO 371009.00/1215557.00, 3496 MSL TOWER 370935.00/1215433.00, 3679 MSL AAO 371003.00/1215530.00, 3719 MSL AAO 370951.00/1215515.00, 4081 MSL AAO 372942.40/1214047.40, 3956 MSL TOWER 370640.00/1215033.00, 3967 MSL TOWER 370641.00/1215034.00, 4000 MSL TOWER 370639.00/1215035.00, 4049 MSL TOWER 370330.00/1214634.00, 4081 MSL TOWER 370640.00/1215038.00, 4289 MSL AAO 372836.00/1213304.90, 4600 MSL AAO 372110.30/1213721.20, 2573 MSL AAO 371330.00/1220218.00, 2697 MSL AAO 371312.00/1220200.00, 2553 MSL AAO 371333.00/1220221.00, 2510 MSL AAO 371342.00/1220224.00, 2523 MSL AAO 371336.00/1220224.00, 2477 MSL AAO 371348.00/1220227.00, 2458 MSL AAO 371351.00/1220230.00, 2425 MSL AAO 371354.00/1220236.00, 2658 MSL AAO 371318.00/1220206.00, 2202 MSL AAO 371533.00/1220457.00, 2700 MSL AAO 371630.00/1220821.00, 2832 MSL AAO 371533.00/1220718.00, 2700 MSL AAO 371830.00/1220739.00, 2694 MSL AAO 371812.00/1220733.00, 1800 MSL AAO 371824.00/1220557.00, 1800 MSL AAO 371927.00/1220627.00, 2000 MSL AAO 371924.00/1220645.00, 2400 MSL AAO 371830.00/1220721.00, 2200 MSL AAO 371736.00/1220618.00, 2400 MSL AAO 371909.00/1220809.00, 1600 MSL AAO 371848.00/1220618.00, 1800 MSL AAO 371854.00/1220703.00, 2000 MSL AAO 371703.00/1220539.00, 2052 MSL AAO 371721.00/1220821.00, 2200 MSL AAO 371706.00/1220551.00, 2353 MSL AAO 371354.00/1220215.00, 2402 MSL AAO 371357.00/1220233.00, 2333 MSL AAO 371400.00/1220245.00, 2002 MSL AAO 371427.00/1220242.00, 2000 MSL AAO 371554.00/1220445.00, 2720 MSL AAO 371309.00/1220130.00, 2504 MSL AAO 371315.00/1220124.00, 2438 MSL AAO 371318.00/1220121.00, 2602 MSL AAO 372515.00/1221857.00, 2218 MSL AAO 372339.00/1221648.00, 1815 MSL AAO 372136.00/1221436.00, 2617 MSL AAO 372435.70/1221829.00, 3875 MSL AAO 373329.20/1213643.20, 2872 MSL TOWER 372905.00/1215155.00, 2683 MSL TOWER 372915.00/1215207.00, 3043 MSL TOWER 372917.00/1215203.00, 2455 MSL TOWER 372956.00/1215109.00, 2810 MSL TOWER 372956.00/1215220.00, 3049 MSL TOWER 372957.00/1215220.00, 2349 MSL TOWER 373712.00/1215521.00, 2796 MSL TOWERS 372905.00/1215157.00, 3349 MSL AAO 371410.00/1220606.00, 3449 MSL AAO 371341.00/1220537.00.

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

CHART 1519 MSL TERRAIN 371412.00/1220145.00
 CHART 2559 MSL TERRAIN 371309.00/1220115.00
 CHART: TOP ALTITUDE: ASSIGNED BY ATC

AIRPORTS SERVED:

MOFFETT FEDERAL AFLD

MOUNTAIN VIEW , CA

COMMUNICATIONS:

ATIS/ASOS, CLNC DEL, GND CON, MOFFETT TOWER, NORCAL DEP CON

FIXES AND/OR NAVAIDS:

REMARKS:



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COORDINATED WITH: Jun 10, 2016

ATA, ALPA, APA, AOPA, NBAA, NORCAL APP CON

CHANGES:

ADDED CHART: TOP ALTITUDE: ASSIGNED BY ATC

REASONS:

ATC REQUEST



DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOOKS	TWO	HOOKS2 . HOOKS	ONE	12/22/2005	15 SEP 2016

ARINC SUMMARY - KNUQ

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
RW14B	010	HOOKS	CF	FB		141.0	NUQ					AT 06000		E
RW14B	020	SNS	TF	FB										VE

POINTS

POINT NAME	LATITUDE	LONGITUDE
SNS	N363949.80	W1213611.50
HOOKS	N370725.72	W1215354.57

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION
RW14L	N372544.12	W1220316.58	00005
RW14R	N372530.80	W1220318.10	00004

QUALITY
15
CHECKED