

**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SUPERSEDED NUMBER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>EFFECTIVE DATE</u>
NEWHALL	ONE	NUAL1.IPIHO	NINE	07/21/2016	30JAN2020
<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 type="checkbox"/>

**DP ROUTE DESCRIPTION:**

TAKEOFF RWY 16L/R: CLIMB ON HEADING 163.00 UNTIL VNY 2.2 DME, THEN CLIMBING LEFT TURN HEADING 113.00, FOR RADAR VECTORS TO IPIHO, THENCE...  
TAKEOFF RWY 34L/R: CLIMBING LEFT TURN HEADING 253.00, FOR RADAR VECTORS TO IPIHO, THENCE...

... ON (TRANSITION) OR (ASSIGNED ROUTE). MAINTAIN ATC ASSIGNED ALTITUDE, EXPECT FILED ALTITUDE/FLIGHT LEVEL 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>
DAGETT	NUAL1.DAG	IPIHO	TWINE	322.89 (LAX R-323)	5.59	6000	5000	
		TWINE	LANGE	046.12 (VTU R-046)	8.91	7000	5800	
		LANGE	SLAPP	038.00 (PMD R-218)	8.02	7000		
		SLAPP	BOGET	038.00 (PMD R-218)	4.99	7000		
		BOGET	PMD VORTAC	038.00 (PMD R-218)	11.65	7000		
		PMD VORTAC	ETHER	067.40 (PMD R-067)	14.99	12000	5700	
		ETHER	DAG VORTAC	058.37 (DAG R-238)	61.23	12000	6200	
PALMDALE	NUAL1.PMD	IPIHO	TWINE	322.89 (LAX R-323)	5.59	6000	5000	
		TWINE	LANGE	046.12 (VTU R-046)	8.91	7000	5800	
		LANGE	SLAPP	038.00 (PMD R-218)	8.02	7000		
		SLAPP	BOGET	038.00 (PMD R-218)	4.99	7000		
		BOGET	PMD VORTAC	038.00 (PMD R-218)	11.65	7000		

**PROCEDURAL DATA NOTES:**

NOTE: RADAR REQUIRED.  
NOTE: FOR ALL RUNWAYS: DO NOT INTERCEPT ANY DEPARTURE RADIAL UNTIL ADVISED BY ATC.  
NOTE: DME REQUIRED.  
NOTE: CROSS VNY DME 1.5 DME SOUTH AT OR BELOW 1750.

**TAKEOFF MINIMUMS:**

RWY 16L: STANDARD WITH MINIMUM CLIMB OF 380 FT PER NM TO 2600.

QUALITY  
18  
CHECKED

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RWY 16R: STANDARD WITH MINIMUM CLIMB OF 450 FT PER NM TO 2600.  
RWYS 34L/R: STANDARD WITH MINIMUM CLIMB OF 370 FT PER NM TO 7000.

**TAKEOFF OBSTACLES NOTES:**

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

**CONTROLLING OBSTACLES:**

RWY 16L/R: 2159 FT MSL AAO ON TERRAIN AT 340743.75N/1183045.87W (CG AND CTA).  
RWY 34L/R: 10279 FT MSL AAO 341720.88N/1173846.70W.

**LOST COMMUNICATIONS PROCEDURES:**

IF NOT IN CONTACT WITH DEPARTURE CONTROL WITHIN 5 DME FROM VNY VOR/DME, RWYS 16L/R; TURN LEFT HEADING 313 TO INTERCEPT THE LAX R-342; AND CONTINUE THE PUBLISHED PROCEDURE.

**ADDITIONAL FLIGHT DATA:**

CHART: TOP ALTITUDE: ASSIGNED BY ATC.  
REFERENCE MAG VAR: KVMY 12E EPOCH YR: 2020

**AIRPORTS SERVED:**

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
VAN NUYS (KVMY)	VAN NUYS	CA

**COMMUNICATIONS:**

CHART ATIS, CLNC DEL, VAN NUYS GND CON, SOCAL DEP CON.

**FIXES AND/OR NAVAIDS:**

CHART NAVAID: EDW VORTAC, FIM VORTAC, LAX VORTAC, VCV VOR/DME. VTU VOR/DME.

**REMARKS:**

WAIVER ON FILE AUTHORIZING CROSSING RESTRICTION OF AT OR BELOW 1750 AT DER THAT PROVIDES LESS THAN 1000' OF ROC OVER HIGHEST OBSTACLE.  
CHART PHRASE: FOR RADAR VECTORS IN ALL CAPS IN GRAPHIC NARRATIVE FOR RWY'S 16L/R AND 34L/R IN DP ROUTE DESCRIPTION.  
USE OF FOR RADAR VECTORS TERMINOLOGY USED AT REQUEST OF ATC TO ENHANCE FLIGHT SAFETY.

**FLIGHT INSPECTED BY:**

THOMAS EDWARD MOLOKIE

*Digitally signed by*  
**DAVID TEFFETELLER**  
Oct 23, 2019

**OFFICE SYMBOL:**  
FIOG  
**DATE:**  
06/25/2019

**DEVELOPED BY:** *Digitally signed by*  
DIANE LAIR  
Oct 18, 2019

**OFFICE SYMBOL:**  
AJV-A433  
**DATE:**  
04/09/2019

**APPROVED BY:**

LONNIE EVERHART

*Digitally signed by*  
**DAVID TEFFETELLER**  
Oct 23, 2019

**OFFICE SYMBOL:**  
AJV-A430  
**DATE:**

**REQUIRED EFFECTIVE DATE:**

ROUTINE

**COORDINATED WITH:**

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NEWHALL	ONE	NUAL1.IPIHO	NINE	07/21/2016	30JAN2020

<b>A4A</b>	<b>ALPA</b>	<b>AOPA</b>	<b>APA</b>	<b>HAI</b>	<b>NBAA</b>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**OTHER:**

ZLA, SOCAL APP/DEP CON, ARPT MGR, OR AERO DIV

**CHANGES - REASONS:**

1. CHANGED NAME FROM NEWHALL NINE TO NEWHALL ONE AND CHANGED COMPUTER CODE FROM NUAL9.IPIHO TO NUAL1.IPIHO - PROCEDURE AMENDED, ATC REQUEST.
2. CHANGED DP ROUTE DESCRIPTION: TAKE-OFF RUNWAY 16L/R: CLIMB ON HEADING 163, CROSS FIM R-102 OR VNY VOR/DME 2.2 DME AT OR BELOW 1700, THEN CLIMBING LEFT TURN HEADING 113. TO ASSIGNED ALTITUDE, THENCE ...  
TAKE-OFF RUNWAY 34L/R: CLIMBING LEFT TURN HEADING 253 TO ASSIGNED ALTITUDE, THENCE...  
TO  
TAKEOFF RWY 16L/R: CLIMB ON HEADING 163.00, CROSS DER/FIM R-101 OR VNY VOR/DME 1.5 DME SOUTH AT OR BELOW 1750, CONTINUE CLIMB, AT FIM R-102 OR VNY 2.2 DME TURN LEFT HEADING 113... THEN EXPECT RADAR VECTORS TO IPIHO...  
TAKEOFF RWY 34L/R: CLIMBING LEFT TURN HEADING 253.00, EXPECT RADAR VECTORS TO IPIHO... - ATC REQUEST TO EMPHASIZE AIRCRAFT SHOULD NOT TURN FROM THE SPECIFIED HEADING UNTIL ISSUED A RADAR VECTOR HEADING.
3. CHANGED DP ROUTE DESCRIPTION: ... EXPECT RADAR VECTORS TO IPIHO, THEN VIA (TRANSITION) OR (ASSIGNED ROUTE). MAINTAIN ATC ASSIGNED ALTITUDE, EXPECT FILED ALTITUDE/ FLIGHT LEVEL 10 MINUTES AFTER DEPARTURE TO ... THEN ON (TRANSITION) OR (ASSIGNED ROUTE). MAINTAIN ATC ASSIGNED ALTITUDE, EXPECT FILED ALTITUDE/FLIGHT LEVEL 10 MINUTES AFTER DEPARTURE - REFORMATTED DP ROUTE DESCRIPTION.
4. REMOVED PROCEDURAL DATA NOTES: NOTE: CHART NOT TO SCALE - NOTE ADDED IN ERROR.
5. REMOVED PROCEDURAL DATA NOTES: NOTE: APPROXIMATE DISTANCE FROM TAKE-OFF AREA RUNWAYS 16L/R TO VNY 1.5 DME IS .5 NM - UPDATED EVALUATION, NO LONGER REQUIRED.
6. CHANGED TAKEOFF MINIMUMS: RWYS 16L/R AND RWYS 34L/R: STANDARD WITH A MINIMUM CLIMB OF 370 FEET PER NM TO 7000 TO  
TAKEOFF MINIMUMS: RWYS 16L/R: STANDARD WITH MINIMUM CLIMB OF 450 FT PER NM TO 2600.  
RWYS 34L/R: STANDARD WITH MINIMUM CLIMB OF 370 FT PER NM TO 7000 - MATCHING DVA TAKEOFF MINIMUMS FOR CLIMB GRADIENT AND TERMINATION ALTITUDE.
7. REMOVED TAKEOFF OBSTACLE NOTES - PER MEMO 259, DATED 12/27/2017, WHICH REMOVES THE REQUIREMENT TO DOCUMENT TAKEOFF OBSTACLE NOTES FOR STANDARD INSTRUMENT DEPARTURE CHARTS.
8. CHANGED CONTROLLING OBSTACLES: RWY 16L/R, RWY 34L/R, 10279 FT MSL AAO 341720.88N/1173846.70W TO RWY 16L/R: 2159 FT MSL AAO ON TERRAIN AT 340743.75N/1183045.87W (CG AND CTA).  
RWY 34L/R: 10279 FT MSL AAO 341720.88N/1173846.70W - MATCHING DVA CONTROLLING OBSTACLE FOR RWY 16L/R.
9. ADDED (KVNY) TO AIRPORT NAME - IAW 8260.46G, APPENDIX D, SECTION 2, PARA 11.
10. REMOVED REMARKS: CG REQUESTED BY ATC - UPDATED CRITERIA, NO MORE ATC REQUESTED CGS.
11. ADDED REMARK: WAIVER ON FILE AUTHORIZING CROSSING RESTRICTION OF AT OR BELOW 1750 AT DER THAT PROVIDES LESS THAN 1000' OF ROC OVER HIGHEST OBSTACLE - WAIVER PENDING.
- 12: ADDED IN REMARKS: CHART PHRASE: EXPECT RADAR VECTORS IN ALL CAPS IN GRAPHIC NARRATIVE FOR RWY'S 16L/R AND 34L/R IN DP ROUTE DESCRIPTION AND EXPLAINED THE RETENTION OF THE TERMINOLOGY EXPECT RADAR VECTORS IS REQUIRED FOR FLIGHT SAFETY AT ATC REQUEST.

06/28/19: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 04/09/19.

1. UPDATED DP ROUTE DESCRIPTION FROM  
TAKEOFF RWY 16L/R: CLIMB ON HEADING 163.00, CROSS DER/FIM R-101 OR VNY VOR/DME 1.5 DME SOUTH AT OR BELOW 1750, CONTINUE CLIMB, AT FIM R-102 OR VNY 2.2 DME TURN LEFT HEADING 113... THEN EXPECT RADAR VECTORS TO IPIHO...TO  
TAKEOFF RWY 16L/R: CLIMB ON HEADING 163.00, CROSS DER OR VNY VOR/DME 1.5 DME SOUTH AT OR BELOW 1750, CONTINUE CLIMB, AT FIM R-102 OR VNY 2.2 DME TURN LEFT HEADING 113... THEN EXPECT RADAR VECTORS TO IPIHO...
2. ADDED DME REQUIRED TO SID TO ENABLE ALL AIRCRAFT TO DETERMINE LOCATION OF DER.

8/12/19: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 6/28/19

1. CHANGED DP ROUTE DESCRIPTION FROM TAKEOFF RWY 16L/R: CLIMB ON HEADING 163.00, CROSS DER OR VNY VOR/DME 1.5 DME SOUTH AT OR BELOW 1750, CONTINUE CLIMB, AT FIM R-102 OR VNY 2.2 DME TURN LEFT HEADING 113... THEN EXPECT RADAR VECTORS TO IPIHO... TO TAKEOFF RWY 16L/R: CLIMB ON HEADING 163.00, AT VNY 2.2 DME CLIMBING LEFT TURN HEADING



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NEWHALL	ONE	NUAL1.IPIHO	NINE	07/21/2016	<b>30JAN2020</b>
<p>113.00, THEN EXPECT RADAR VECTORS TO IPIHO... - AFS REQUEST.</p> <p>2. ADDED PROCEDURAL DATA NOTE: NOTE: CROSS VNY DME 1.5 DME SOUTH AT OR BELOW 1750.</p> <p>3. CHANGED TAKEOFF MINIMUMS TO RWY 16L: STANDARD WITH MINIMUM CLIMB OF 380 FT PER NM TO 2600. RWY 16R: STANDARD WITH MINIMUM CLIMB OF 450 FT PER NM TO 2600. RWYS 34L/R: STANDARD WITH MINIMUM CLIMB OF 370 FT PER NM TO 7000. - MATCHING DVA TAKEOFF MINIMUMS FOR CLIMB GRADIENT AND TERMINATION ALTITUDE.</p> <p>9/11/19 THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 8/12/19.</p> <p>1. CHANGED DP ROUTE DESCRIPTION FROM TAKEOFF RWY 16L/R: CLIMB ON HEADING 163.00, AT VNY 2.2 DME CLIMBING LEFT TURN HEADING 213.00, THEN EXPECT RADAR VECTORS TO IPIHO... TO TAKEOFF 16L/R: CLIMB ON HEADING 163.00 UNTIL VNY 2.2 DME, THEN CLIMBING LEFT TURN HEADING 113.00, THEN EXPECT RADAR VECTORS TO IPIHO... - AFS REQUEST.</p> <p>10/18/19 THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 9/11/19.</p> <p>1. CHANGED DP ROUTE DESCRIPTION FROM TAKEOFF RWY 16L/R: CLIMB ON HEADING 163.00 UNTIL VNY 2.2 DME, THEN CLIMBING LEFT TURN HEADING 113.00, THEN EXPECT RADAR VECTORS TO IPIHO...</p> <p>TAKEOFF RWY 34L/R: CLIMBING LEFT TURN HEADING 253.00, EXPECT RADAR VECTORS TO IPIHO...TO TAKEOFF RWY 16L/R: CLIMB ON HEADING 163.00 UNTIL VNY 2.2 DME, THEN CLIMBING LEFT TURN HEADING 113.00, FOR RADAR VECTORS TO IPIHO, THENCE...</p> <p>TAKEOFF RWY 34L/R: CLIMBING LEFT TURN HEADING 253.00, FOR RADAR VECTORS TO IPIHO, THENCE... - AFS REQUEST.</p> <p>2. CHANGED DP ROUTE DESCRIPTION LAST SENTENCE FROM: ...THEN ON (TRANSITION) OR (ASSIGNED ROUTE). MAINTAIN ATC ASSIGNED ALTITUDE, EXPECT FILED ALTITUDE/ FLIGHT LEVEL 10 MINUTES AFTER DEPARTURE TO ...ON (TRANSITION) OR (ASSIGNED ROUTE). MAINTAIN ATC ASSIGNED ALTITUDE, EXPECT FILED ALTITUDE/ FLIGHT LEVEL 10 MINUTES AFTER DEPARTURE - AFS REQUEST.</p> <p>3.CHANGED REMARKS: CHART PHRASE: EXPECT RADAR VECTORS IN ALL CAPS IN GRAPHIC NARRATIVE FOR RWY'S 16L/R AND 34L/R IN DP ROUTE DESCRIPTION TO REMARKS: CHART PHRASE: FOR RADAR VECTORS IN ALL CAPS IN GRAPHIC NARRATIVE FOR RWY'S 16L/R AND 34L/R IN DP ROUTE DESCRIPTION - AFS REQUEST.</p> <p>4. CHANGED REMARKS: USE OF EXPECT RADAR VECTORS TERMINOLOGY USED AT ATC REQUEST TO ENHANCE FLIGHT SAFETY TO REMARKS: USE OF FOR RADAR VECTORS TERMINOLOGY USED AT REQUEST OF ATC TO ENHANCE FLIGHT SAFETY - AFS REQUEST.</p>					

QUALITY  
18  
CHECKED