

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SUPERSEDED NUMBER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>
HAYEZ	ONE	HAYEZ1.HAYEZ	NINE	09/10/2020	

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

DP ROUTE DESCRIPTION:

TAKEOFF RWY 34L: CLIMB ON HEADING 343.51 TO 1303, THEN CLIMB DIRECT TO CROSS CONDS AT OR ABOVE 2400, THEN ON TRACK 337.22 TO CROSS TRAFF AT OR ABOVE 3500, THEN ON TRACK 337.52 TO CROSS LYDEY AT OR ABOVE 5000, THEN ON TRACK 337.60 TO CROSS HAYEZ AT OR ABOVE 6100 AND AT OR BELOW 250 KIAS, THEN ON TRANSITION. MAINTAIN FL230. EXPECT FILED ALTITUDE TEN 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>
BLYTHE	HAYEZ1.BLH	HAYEZ	WUXAK	TRACK 036.58	4.78	7000	5600	WUXAK AT/ABOVE 8500
		WUXAK	SLAPP	TRACK 059.53	6.32	8500	5500	SLAPP AT/ABOVE 13000
		SLAPP	YAAPY	TRACK 027.59	15.62	13000	7500	YAAPY AT/ABOVE 15000
		YAAPY	JETHK	TRACK 066.34	8.01	15000	4900	
		JETHK	AERRO	TRACK 103.30	51.29	15000	10500	
		AERRO	DECAS	TRACK 098.29	84.33	15000	12200	
		DECAS	BLH VORTAC	TRACK 99.19	37.38	15000	5800	
COREZ	HAYEZ1.COREZ	HAYEZ	DYSPO	TRACK 279.62	4.75	7000	5100	DYSPO AT/ABOVE 8000
		DYSPO	OROSZ	TRACK 279.52	4.75	8000	4600	OROSZ AT/ABOVE 9000
		OROSZ	BRRKK	TRACK 317.70	10.00	9000	6400	
		BRRKK	SHORS	TRACK 317.67	15.60	12000	10300	
		SHORS	MDWAY	TRACK 317.53	12.49	14000	10300	
		MDWAY	COREZ	TRACK 317.48	40.49	14000	7500	
CSTRO	HAYEZ1.CSTRO	HAYEZ	DYSPO	TRACK 279.62	4.75	7000	5100	DYSPO AT/ABOVE 8000
		DYSPO	OROSZ	TRACK 279.52	3.23	8000	4600	OROSZ AT/ABOVE 9000
		OROSZ	HEYJO	TRACK 338.83	17.77	9000	8000	

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SUPERSEDED NUMBER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>	
HAYEZ		ONE	HAYEZ1.HAYEZ	NINE	09/10/2020			
		HEYJO	CSTRO	TRACK 318.52	50.20	14000	8000	
FILLMORE	HAYEZ1.FIM	HAYEZ	DYSPO	TRACK 279.62	4.75	7000	5100	DYSPO AT/ABOVE 8000
		DYSPO	FIM VORTAC	TRACK 245.32	13.63	8000	5200	
HAILO	HAYEZ1.HAILO	HAYEX	WUXAK	TRACK 036.58	4.78	7000	5500	WUXAK AT/ABOVE 8500
		WUXAK	SLAPP	TRACK 059.53	6.32	8500	5500	SLAPP AT/ABOVE 13000
		SLAPP	YAAPY	TRACK 027.59	15.62	13000	7500	YAPPY AT/ABOVE 15000
		YAAPY	JETHK	TRACK 066.34	8.01	15000	4900	
		JETHK	BBITE	TRACK 073.76	10.59	15000	5900	
		BBITE	ANTLP	TRACK 075.23	12.39	15000	6400	
		ANTLP	GUNNR	TRACK 057.13	27.54	15000	6300	
		GUNNR	ARMY	TRACK 035.41	16.52	17000	6800	
		ARMY	HAILO	TRACK 035.44	51.05	17000	7500	
HECTOR	HAYEZ1.HEC	HAYEZ	WUXAK	TRACK 036.58	4.78	7000	5500	WUXAK AT/ABOVE 8500
		WUXAK	SLAPP	TRACK 059.53	6.32	8500	5500	SLAPP AT/ABOVE 13000
		SLAPP	YAAPY	TRACK 027.59	4.78	13000	7500	YAAPY AT/ABOVE 15000
		YAAPY	JETHK	TRACK 066.34	8.01	15000	4900	
		JETHK	BBITE	TRACK 073.76	10.59	15000	5900	
		BBITE	ANTLP	TRACK 075.23	12.39	15000	6400	
		ANTLP	HEC VORTAC	TRACK 072.22	51.92	15000	7700	
LAS VEGAS	HAYEZ1.LAS	HAYEZ	WUXAK	TRACK 036.58	4.78	7000	5500	WUXAK AT/ABOVE 8500
		WUXAK	SLAPP	TRACK 059.53	6.32	8500	5500	SLAPP AT/ABOVE 13000
		SLAPP	YAAPY	TRACK 027.59	15.62	13000	7500	YAAPY AT/ABOVE 15000
		YAAPY	JETHK	TRACK 066.34	8.01	15000	4900	
		JETHK	BBITE	TRACK 073.76	10.59	15000	5900	

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HAYEZ		ONE	HAYEZ1.HAYEZ	NINE	09/10/2020		
		BBITE	ANTLP	TRACK 075.23	12.39	15000	6400
		ANTLP	NNAVY	TRACK 060.08	40.46	15000	6300
		NNAVY	BLAZN	TRACK 035.24	63.19	17000	6700
		BLAZN	LAS VEGAS	TRACK 036.23	40.41	17000	9800
MISEN	HAYEZ1.MISEN	HAYEZ	WUXAK	TRACK 036.58	4.78	7000	5500 WUXAK AT/ABOVE 8500
		WUKAX	SLAPP	TRACK 059.53	6.32	8500	5500 SLAPP AT/ABOVE 13000
		SLAPP	YAAPY	TRACK 027.59	15.62	13000	7500 YAAPY AT/ABOVE 15000
		YAAPY	JETHK	TRACK 066.34	8.01	15000	4900
		JETHK	BBITE	TRACK 073.76	10.59	15000	5900
		BBITE	ANTLP	TRACK 075.23	12.39	15000	6400
		ANTLP	NNAVY	TRACK 060.08	40.46	15000	6300
		NNAVY	MISEN	TRACK 043.49	19.37	15000	5500

PBN REQUIREMENT NOTES:

RNAV 1 - DME/DME/IRU OR GPS REQUIRED.

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED.

PROCEDURAL DATA NOTES:

NOTE: MISEN TRANSITION RESTRICTED TO AIRCRAFT LANDING LAS TERMINAL AREA.

NOTE: HAILO TRANSITION ATC ASSIGNED ONLY.

NOTE: COREZ AND CSTRO TRANSITIONS MAINTAIN AT OR BELOW 250 KIAS UNLESS OTHERWISE DIRECTED BY ATC.

NOTE: BLH, HAILO, HEC, LAS, TRANSITIONS TURBOJET, AND HIGH PERFORMANCE TURBOPROPS ONLY.

NOTE: MISEN, CSTRO, COREZ TRANSITIONS TURBOJET ONLY.

TAKEOFF MINIMUMS:

RWY 34L: STANDARD WITH MINIMUM CLIMB OF 487 FT/NM TO 4400.

TAKEOFF OBSTACLES NOTES:

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

CONTROLLING OBSTACLES:

RWY 34L: 2973 FT MSL AAO 341842.00N/1183203.00W (CLIMB GRADIENT), 3540 FT MSL AAO 342121.00N/1182748.00W (CLIMB GRADIENT TERMINATION ALTITUDE)

MSA:

VNY, 9300

LOST COMMUNICATIONS PROCEDURES:



<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
HAYEZ	ONE	HAYEZ1.HAYEZ	NINE	09/10/2020	

ADDITIONAL FLIGHT DATA:

AIRPORT MV: VNY 12E/2020

DME/DME/IRU ASSESSMENT: SAT (RNP 2.0)

CHART: TOP ALTITUDE: FL230.

CHART SPEED ICON MAXIMUM SPEED 250 KIAS AT HAYEZ.

CHART: MINIMUM CROSSING ALTITUDE AT HAYEZ- 6100

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
VNY	VAN NUYS	CA

COMMUNICATIONS:

CHART: ATIS, CLNC DEL, GND CON, VNY TOWER

FIXES AND/OR NAVAIDS:

REMARKS:

- 100 FT VEG USED.
- MEAS BASED ON DME/DME EVALUATION.
- BANK ANGLE OVERRIDE VALUE OF 16.0 APPLIED AT JETHK TO MITIGATE LEG LENGTH FAILURE.
- AFS APPROVAL LETTER FOR EXCESSIVE CLIMB GRADIENT TO REACH DME/DME MINIMUM ALTITUDES.
- MSA CONTROLLING OBSTACLE: AAO 342012.00N/1175612.00W 8239 MSL
- ORDER 8260.3G, LEGACY ICA USED FOR DESIGN AND EVALUATION.

<u>FLIGHT INSPECTED BY</u>	<u>SIGNATURE</u>	<u>OFFICE</u>	<u>DATE</u>	
<u>DEVELOPED BY</u>	<u>SIGNATURE</u>	<u>OFFICE</u>	<u>DATE</u>	
APRIL SARMENTO (HENRY BRADSHAW)		AJV-A432	05/19/2026	
<u>APPROVED BY</u>	<u>SIGNATURE</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
APRIL SARMENTO		AJV-A432		MANAGER

REQUIRED EFFECTIVE DATE

ROUTINE

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:**ZLA, SOCAL APP/DEP CON, APT MGR, OR AERO DIV, VNY ATCT

CHANGES - REASONS:

1. RAISED CROSSING RESTRICTION AT DYSP0 FROM "7000" TO "8000" - FPT/ATC REQUEST.
2. INCREASED MEA FROM DYSP0 TO OROSZ FROM "7700" TO "8000" - FPT/ATC REQUEST.
3. RAISED MEA FROM DYSP0 TO FIM VORTAC FROM "7000" TO "8000" - FPT/ATC REQUEST.
4. REMOVED CROSSING RESTRICTION AT JETHK AND BBITE - FPT REQUEST.
5. RAISED MEA FROM GUNNR TO ARMY, ARMY TO HAILO, NNAVY TO BLAZN, AND BLAZN TO LAS VORTAC FROM "15000" TO "17000". - FPT REQUEST.
6. UPDATED RWY 34L TAKEOFF MINIMUMS CLIMB GRADIENT FROM "500 FEET PER NM TO 3900" TO "487 FT/NM TO 4400" - UPDATED OBSTACLE EVALUATION; FPT REQUEST.
7. MOVED "NOTE: RNAV 1." AND "NOTE: DME/DME/IRU OR GPS REQUIRED." FROM PROCEDURAL DATA NOTES TO PBN REQUIREMENT NOTES AND UPDATED TO "RNAV 1 - DME/DME/IRU OR GPS REQUIRED." - 8260.46K, 2-1-5, I.
8. MOVED "NOTE: RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT." FROM PROCEDURAL DATA NOTES TO EQUIPMENT REQUIREMENT NOTES AND UPDATED TO "RADAR REQUIRED."-

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HAYEZ	ONE	HAYEZ1.HAYEZ	NINE	09/10/2020	

8260.46K, 2-1-5, J.
9. MSA: ADDED "VNY, 9300" - IAW 8260.46K, APP. E SEC. 1, 2.K.
10. REMARKS: ADDED "100 FT VEG USED.", "MEAS BASED ON DME/DME EVALUATION.", "BANK ANGLE OVERRIDE VALUE OF 16.0 APPLIED AT JETHK TO MITIGATE LEG LENGTH FAILURE.", "AFS APPROVAL LETTER FOR EXCESSIVE CLIMB GRADIENT TO REACH DME/DME MINIMUM ALTITUDES.", "MSA CONTROLLING OBSTACLE: AAO 342012.00N/1175612.00W 8239 MSL." AND "ORDER 8260.3G, LEGACY ICA USED FOR DESIGN AND EVALUATION." - ADDED FOR FUTURE DEVELOPMENT USE.
11. DP ROUTE DESCRIPTION: CHANGED THE WORD "THENCE" TO 'THEN' AND COMBINED INTO ONE PARAGRAPH - SEPARATE THENCE STATEMENT NOT NECESSARY WITH ONLY ONE RWY DEPARTURE USED ON THIS SID.

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

DP NAME						NUMBER	DP COMPUTER CODE		SUPERSEDED NUMBER		DATED	ACTUAL EFFECTIVE DATE
HAYEZ						ONE	HAYEZ1.HAYEZ		NINE		09/10/2020	
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED		REMARKS		
RW34L (AER)	341149.18N/1182921.01W	N	-	-	-	-						
1303 MSL	-	-	-	VA	355.31	-	AT/ABOVE 1303	CG 487 FT/NM TO 4400				
CONDS	341559.00N/1182959.00W	Y	FB	DF	-	-	AT/ABOVE 2400					
TRAFF	341801.00N/1183027.00W	Y	FB	TF	349.22	2.07	AT/ABOVE 3500					
LYDEY	342038.00N/1183102.00W	Y	FB	TF	349.52	2.66	AT/ABOVE 5000					
HAYEZ	342240.00N/1183129.00W	Y	FB	TF	349.60	2.06	AT/ABOVE 6100	AT/BELOW 250K				
HAYEZ	342240.00N/1183129.00W	Y	-	IF	-	-	AT/ABOVE 6100	AT/BELOW 250K	HAYEZ1.BLH			
WUXAK	342550.00N/1182709.00W	Y	FB	TF	048.58	4.78	AT/ABOVE 8500					
SLAPP	342750.14N/1181954.07W	Y	FB	TF	071.53	6.32	AT/ABOVE 13000					
YAAPY	343953.00N/1180750.00W	Y	FB	TF	039.59	15.62	AT/ABOVE 15000					
JETHK	344129.87N/1175819.35W	Y	FB	TF	078.34	8.01						
AERRO	341919.37N/1170220.21W	Y	FB	TF	115.30	51.29						
DECAS	334924.93N/1152723.80W	Y	FB	TF	110.29	84.33						
BLH VORTAC	333545.83N/1144540.58W	Y	FB	TF	111.19	37.38						
HAYEZ	342240.00N/1183129.00W	Y	-	IF	-	-	AT/ABOVE 6100	AT/BELOW 250K	HAYEZ1.COREZ			
DYSPO	342425.00N/1183649.00W	Y	FB	TF	291.62	4.75	AT/ABOVE 8000					
OROSZ	342536.18N/1184027.01W	Y	FB	TF	291.52	3.23	AT/ABOVE 9000					
BRRKK	343414.96N/1184633.55W	Y	FB	TF	329.70	10.00						
SHORS	344743.61N/1185607.37W	Y	FB	TF	329.67	15.60						
MDWAY	345830.50N/1190349.98W	Y	FB	TF	329.53	12.49						



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HAYEZ		ONE					HAYEZ1.HAYEZ		NINE		09/10/2020			
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS					
COREZ	353324.00N/1192901.98W	Y	FB	TF	329.48	40.49								
HAYEZ	342240.00N/1183129.00W	Y	-	IF	-	-	AT/ABOVE 6100	AT/BELOW 250K	HAYEZ1.CSTRO					
DYSPO	342425.00N/1183649.00W	Y	FB	TF	291.62	4.75	AT/ABOVE 8000							
OROSZ	342536.18N/1184027.01W	Y	FB	TF	291.52	3.23	AT/ABOVE 9000							
HEYJO	344310.33N/1184353.04W	Y	FB	TF	350.83	17.77								
CSTRO	352652.66N/1191407.00W	Y	FB	TF	330.52	50.20								
HAYEZ	342240.00N/1183129.00W	Y	-	IF	-	-	AT/ABOVE 6100	AT/BELOW 250K	HAYEZ1.FIM					
DYSPO	342425.00N/1183649.00W	Y	FB	TF	291.62	4.75	AT/ABOVE 8000							
FIM VORTAC	342124.10N/1185252.65W	Y	FB	TF	257.32	13.63								
HAYEZ	342240.00N/1183129.00W	Y	-	IF	-	-	AT/ABOVE 6100	AT/BELOW 250K	HAYEZ1.HAILO					
WUXAK	342550.00N/1182709.00W	Y	FB	TF	048.58	4.78	AT/ABOVE 8500							
SLAPP	342750.14N/1181954.07W	Y	FB	TF	071.53	6.32	AT/ABOVE 13000							
YAAPY	343953.00N/1180750.00W	Y	FB	TF	039.59	15.62	AT/ABOVE 15000							
JETHK	344129.87N/1175819.35W	Y	FB	TF	078.34	8.01								
BBITE	344216.22N/1174530.87W	Y	FB	TF	085.76	10.59								
ANTLP	344251.26N/1173029.82W	Y	FB	TF	087.23	12.39								
GUNNR	345237.00N/1165913.00W	Y	FB	TF	069.13	27.57								
ARRMY	350348.00N/1164424.00W	Y	FB	TF	047.41	16.52								
HAILO	353814.00N/1155816.00W	Y	FB	TF	047.44	51.05								
HAYEZ	342240.00N/1183129.00W	Y	-	IF	-	-	AT/ABOVE 6100	AT/BELOW 250K	HAYEZ1.HEC				QUALITY 20	



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HAYEZ		ONE		HAYEZ1.HAYEZ		NINE		09/10/2020	
<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>
WUXAK	342550.00N/1182709.00W	Y	FB	TF	048.58	4.78	AT/ABOVE 8500		
SLAPP	342750.14N/1181954.07W	Y	FB	TF	071.53	6.32	AT/ABOVE 13000		
YAAPY	343953.00N/1180750.00W	Y	FB	TF	039.59	15.62	AT/ABOVE 15000		
JETHK	344129.87N/1175819.35W	Y	FB	TF	078.34	8.01			
BBITE	344216.22N/1174530.87W	Y	FB	TF	085.76	10.59			
ANTLP	344251.26N/1173029.82W	Y	FB	TF	087.23	12.39			
HEC VORTAC	344749.26N/1162746.52W	Y	FB	TF	084.22	51.92			
HAYEZ	342240.00N/1183129.00W	Y	-	IF	-	-	AT/ABOVE 6100	AT/BELOW 250K	HAYEZ1.LAS
WUXAK	342550.00N/1182709.00W	Y	FB	TF	048.58	4.78	AT/ABOVE 8500		
SLAPP	342750.14N/1181954.07W	Y	FB	TF	071.53	6.32	AT/ABOVE 13000		
YAAPY	343953.00N/1180750.00W	Y	FB	TF	039.59	15.62	AT/ABOVE 15000		
JETHK	344129.87N/1175819.35W	Y	FB	TF	078.34	8.01			
BBITE	344216.22N/1174530.87W	Y	FB	TF	085.76	10.59			
ANTLP	344251.26N/1173029.82W	Y	FB	TF	087.23	12.39			
NNAVY	345510.68N/1164340.88W	Y	FB	TF	072.08	40.46			
BLAZN	353755.21N/1154646.06W	Y	FB	TF	047.24	63.19			
LAS VORTAC	360446.93N/1150935.27W	Y	FB	TF	048.23	40.41			
HAYEZ	342240.00N/1183129.00W	Y	-	IF	-	-	AT/ABOVE 6100	AT/BELOW 250K	HAYEZ1.MISEN
WUXAK	342550.00N/1182709.00W	Y	FB	TF	048.58	4.78	AT/ABOVE 8500		
SLAPP	342750.14N/1181954.07W	Y	FB	TF	071.53	6.32	AT/ABOVE 13000		
YAAPY	343953.00N/1180750.00W	Y	FB	TF	039.59	15.62	AT/ABOVE 15000		
JETHK	344129.87N/1175819.35W	Y	FB	TF	078.34	8.01			

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HAYEZ		ONE		HAYEZ1.HAYEZ		NINE		09/10/2020	
<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>
BBITE	344216.22N/1174530.87W	Y	FB	TF	085.76	10.59			
ANTLP	344251.26N/1173029.82W	Y	FB	TF	087.23	12.39			
NNAVY	345510.68N/1164340.88W	Y	FB	TF	072.08	40.46			
MISEN	350608.46N/1162413.86W	Y	FB	TF	055.49	19.37			