

**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SUPERSEDED NUMBER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>
HSKEL	THREE	HSKEL3.HSKEL	TWO	10 DEC 2015	13 SEP 2018
<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
☐	☐	☒	☐	☐	☒

DP ROUTE DESCRIPTION:

TAKEOFF RWY 11: CLIMB HEADING 110.30 TO INTERCEPT COURSE 068.00 TO AHRON, THEN ON DEPICTED ROUTE TO HSKEL. THENCE...

TAKEOFF RWY 29: CLIMB HEADING 290.32 TO INTERCEPT COURSE 300.24 TO ALIEH, THEN ON DEPICTED ROUTE TO HSKEL, THENCE...

...MAINTAIN 3000 OR AS ASSIGNED BY ATC (5000 WHEN TOWER CLOSED, CONTACT BOSTON CENTER). EXPECT CLEARANCE TO FILED ALTITUDE FIVE (5) 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>
BAUER	HSKEL3.BAUER	HSKEL	BAUER	TRACK 271.17	64.56	FL180		
CAMBRIDGE	HSKEL3.CAM	HSKEL	BAUER	TRACK 271.17	64.56	FL180		
		BAUER	CAM VOR/DME	TRACK 253.41	44.63	FL180		
HANAA	HSKEL3.HANAA	HSKEL	BAUER	TRACK 271.17	64.56	FL180		
		BAUER	HANAA	TRACK 272.49	50.89	FL180		
SYRACUSE	HSKEL3.SYR	HSKEL	BAUER	TRACK 271.17	64.56	FL180		
		BAUER	SYR VORTAC	TRACK 281.52	163.87	FL180		

PROCEDURAL DATA NOTES:

NOTE: FOR TURBOJETS ONLY.

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: RNAV 1.

NOTE: RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT.

NOTE: FOR NON-GPS EQUIPPED AIRCRAFT: CON DME MUST BE OPERATIONAL FOR TAKEOFF RWY 11.

TAKEOFF MINIMUMS:

RWY 11, STANDARD WITH MINIMUM CLIMB OF 350 FT PER NM TO 1300.

RWY 29, STANDARD.

TAKEOFF OBSTACLES NOTES:

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

CONTROLLING OBSTACLES:

RWY 11: 251 FT MSL TREE 433850.11N/0701632.59W

LOST COMMUNICATIONS PROCEDURES:

IF RADIO CONTACT NOT ESTABLISHED WITHIN 2 MINUTES AFTER DEPARTURE, PROCEED ON COURSE VIA HSKEL RNAV ROUTE TO REQUESTED ALTITUDE OR 10000, WHICHEVER IS LOWER.



**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>
HSKEL	THREE	HSKEL3.HSKEL	TWO	10 DEC 2015	<i>13 SEP 2018</i>

ADDITIONAL FLIGHT DATA:

REFERENCE MAG VAR: KPWM 15W EPOCH YEAR: 2020. DME/DME ASSESSMENT: SAT (RNP 2.0). RECOMMENDED NAVAID: ACK VOR/DME (15W).

CHART: TOP ALTITUDE: 3000.

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
PORTLAND INTL JETPORT	PORTLAND	ME

COMMUNICATIONS:

ATIS, CLEARANCE DELIVERY, GROUND CONTROL, TOWER, PWM DEP CON, ZBW

FIXES AND/OR NAVAIDS:

LIZLU, MRKEE

REMARKS:

ENVIRONMENTAL REVIEW ON FILE AT PWM FACILITY.

RWY 11 CLIMB GRADIENT ESTABLISHED TO ENSURE OBSTACLE CLEARANCE, ENSURE AIRCRAFT REACH MINIMUM RNAV ENGAGEMENT ALTITUDE, AND SUPPORT MINIMUM DME/DME/IRU RECEPTION ALTITUDE OF 1208 MSL AT AHRON.

FLIGHT INSPECTED BY:

FLIGHT CHECK NOT REQ. - PROCESS IAW AIRCRAFT OPERATIONS GROUP (AJW-333) MEMO, 12/22/2017.

Digitally signed by

BEV L BORDY

Apr 05, 2018

OFFICE SYMBOL:

DATE:

DEVELOPED BY:

LONNIE EVERHART (BARBARA GORMAN)

Digitally signed by

BEV L BORDY

Apr 05, 2018

OFFICE SYMBOL:

AJV-5400

DATE:

02/16/2018

APPROVED BY:

LONNIE EVERHART

Digitally signed by

BEV L BORDY

Apr 05, 2018

OFFICE SYMBOL:

AJV-5400

DATE:

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

A4A

ALPA

AOPA

APA

HAI

NBAA

**OTHER:****CHANGES - REASONS:**

1. CHANGED CHART TOP ALTIITUDE FROM ASSIGNED BY ATC TO 3000. - TO REMOVE NOTAM FDC 7/1145.
2. DELETED TAKEOFF OBSTACLE NOTES AND ADDED SEE 8260-15A NOTE - MEMO #259.



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

DP NAME							NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	EFFECTIVE DATE
HSKEL							THREE	HSKEL3.HSKEL	TWO	10 DEC 2015	13 SEP 2018
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)		ALTITUDE	SPEED		REMARKS
RW11 (AER)	433845.10N/0701933.87W	N	-	-	-	-					
	433829.87N/0701548.77W	-	-	VI	095.30	2.74					CG 350 FT/NM TO 1300. RECOMMENDED NAVAID: ACK VOR/DME
AHRON	434024.11N/0701220.12W	Y	FB	CF	053.00	3.16					
LIZLU	434435.20N/0701326.82W	Y	FB	TF	349.10	4.26					
MRKEE	434600.84N/0702258.43W	Y	FB	TF	281.73	7.05					
ALIEH	434322.89N/0704822.88W	Y	FB	TF	262.01	18.60					
HSKEL	433912.82N/0710251.86W	Y	FB	TF	248.45	11.30					
RW29 (AER)	433838.52N/0701756.37W	N	-	-	-	-					
	433918.74N/0702757.83W	-	-	VI	275.32	7.31					
ALIEH	434322.89N/0704822.88W	Y	FB	CF	285.24	15.36					RECOMMENDED NAVAID: ACK VOR/DME
HSKEL	433912.82N/0710251.86W	Y	FB	TF	248.45	11.30					
HSKEL	433912.82N/0710251.86W	Y	-	IF	-	-					HSKEL3.BAUER
BAUER	432314.08N/0722850.62W	Y	FB	TF	256.17	64.56					
HSKEL	433912.82N/0710251.86W	Y	-	IF	-	-					HSKEL3.CAM
BAUER	432314.08N/0722850.62W	Y	FB	TF	256.17	64.56					
CAM VOR/DME	425939.44N/0732038.47W	Y	FB	TF	238.41	44.63					
HSKEL	433912.82N/0710251.86W	Y	-	IF	-	-					HSKEL3.HANNA
BAUER	432314.08N/0722850.62W	Y	FB	TF	256.17	64.56					

QUALITY

16

CHECKED

QUALITY
16
CHECKED

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
DEPARTURE (DATA RECORD)

DP NAME							NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	EFFECTIVE DATE
HSKEL							THREE	HSKEL3.HSKEL	TWO	10 DEC 2015	13 SEP 2018
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS		
HANAA	431152.06N/0733646.17W	Y	FB	TF	257.49	50.89					
HSKEL	433912.82N/0710251.86W	Y	-	IF	-	-			HSKEL3.SYR		
BAUER	432314.08N/0722850.62W	Y	FB	TF	256.17	6456					
SYR VORTAC	430937.87N/0761216.41W	Y	FB	TF	266.52	163.87					

