

**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.
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DP NAME						NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	EFFECTIVE DATE
ZETTR						ONE	ZETTR1.ZETTR	NONE		
TYPE:	OBSTACLE	COPTER	SID	SPECIAL	RNAV					
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>					

DP ROUTE DESCRIPTION:

DETROIT METROPOLITAN WAYNE COUNTY (KDTW):

TAKEOFF RWY 3L: CLIMB ON HEADING 035.71 TO 1160, THEN DIRECT DCATS, THEN ON TRACK 035.36 TO CROSS FLOKA AT OR ABOVE 4000, THENCE...

TAKEOFF RWY 3R: CLIMB ON HEADING 035.71 TO 1160, THEN DIRECT BURPZ, THEN ON TRACK 034.81 TO CROSS FLOKA AT OR ABOVE 4000, THENCE...

TAKEOFF RWY 4L: CLIMB ON HEADING 035.68 TO 1160, THEN DIRECT MINDY, THEN ON TRACK 037.67 TO CROSS FLOKA AT OR ABOVE 4000, THENCE...

TAKEOFF RWY 4R: CLIMB ON HEADING 035.70 TO 1160, THEN DIRECT KKELL, THEN ON TRACK 037.02 TO CROSS FLOKA AT OR ABOVE 4000, THENCE...

TAKEOFF RWY 21L: CLIMB ON HEADING 215.72 TO INTERCEPT COURSE 161.34 TO WINRS, THEN ON TRACK 108.58 TO USSIE, THEN ON TRACK 083.76 TO CROSS SUURF AT OR BELOW 7000, THEN ON TRACK 036.34 TO TUURF, THEN ON TRACK 008.76 TO CROSS FLOKA AT OR ABOVE 4000, THENCE...

TAKEOFF RWY 21R: CLIMB ON HEADING 215.72 TO INTERCEPT COURSE 166.03 TO WINRS, THEN ON TRACK 108.58 TO USSIE, THEN ON TRACK 083.76 TO CROSS SUURF AT OR BELOW 7000, THEN ON TRACK 036.34 TO TUURF, THEN ON TRACK 008.76 TO CROSS FLOKA AT OR ABOVE 4000, THENCE...

TAKEOFF RWY 22L: CLIMB ON HEADING 215.71 TO INTERCEPT COURSE 256.00 TO FORDZ, THEN ON TRACK 309.08 TO CROSS CORVE AT OR BELOW 7000, THEN ON TRACK 026.15 TO FRBRD, THEN ON TRACK 048.58 TO DINGL, THEN ON TRACK 070.37 TO CROSS FLOKA AT OR ABOVE 4000, THENCE...

TAKEOFF RWY 22R: CLIMB ON HEADING 215.69 TO INTERCEPT COURSE 254.05 TO FORDZ, THEN ON TRACK 309.08 TO CROSS CORVE AT OR BELOW 7000, THEN ON TRACK 026.15 TO FRBRD, THEN ON TRACK 048.58 TO DINGL, THEN ON TRACK 070.37 TO CROSS FLOKA AT OR ABOVE 4000, THENCE...

TAKEOFF RWY 27L: CLIMB ON HEADING 275.73 TO 1160, THEN ON HEADING 275.71 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS FLOKA AT OR ABOVE 4000, THENCE...

TAKEOFF RWY 27R: CLIMB ON HEADING 275.72 TO 1160, THEN ON HEADING 275.70 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS FLOKA AT OR ABOVE 4000, THENCE...

...ON TRACK 048.55 TO CROSS ZETTR AT OR BELOW 17000, THEN ON (TRANSITION). MAINTAIN 17000, EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

WILLOW RUN (KYIP):

TAKEOFF RWY 5L: CLIMB ON HEADING 053.71 TO 1220, THEN LEFT TURN HEADING 300.00 FOR RADAR VECTORS TO CROSS FLOKA AT OR ABOVE 4000, THENCE...

TAKEOFF RWY 5R: CLIMB ON HEADING 053.70 TO 1220, THEN LEFT TURN HEADING 300.00 FOR RADAR VECTORS TO CROSS FLOKA AT OR ABOVE 4000, THENCE...

TAKEOFF RWY 9: CLIMB ON HEADING 095.55 TO 1220, THEN LEFT TURN HEADING 300.00 FOR RADAR VECTORS TO CROSS FLOKA AT OR ABOVE 4000, THENCE...

TAKEOFF RWY 23L: CLIMB ON HEADING 233.72 TO 1220, THEN ON HEADING 233.70 FOR RADAR VECTORS TO CROSS FLOKA AT OR ABOVE 4000, THENCE...

TAKEOFF RWY 23R: CLIMB ON HEADING 233.73 TO 1220, THEN ON HEADING 233.72 FOR RADAR VECTORS TO CROSS FLOKA AT OR ABOVE 4000, THENCE...

TAKEOFF RWY 27: CLIMB ON HEADING 275.57 TO 1220, THEN ON HEADING 275.56 FOR RADAR VECTORS TO CROSS FLOKA AT OR ABOVE 4000, THENCE...

...ON TRACK 048.55 TO CROSS ZETTR AT OR BELOW 17000, THEN ON (TRANSITION). MAINTAIN 17000, EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

ANN ARBOR MUNI (KARB):

TAKEOFF RWY 6: CLIMB ON HEADING 059.53 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS FLOKA AT OR ABOVE 4000, THENCE...

TAKEOFF RWY 24: CLIMB ON HEADING 239.53 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS FLOKA AT OR ABOVE 4000, THENCE...

...ON TRACK 048.55 TO CROSS ZETTR AT OR BELOW 17000, THEN ON (TRANSITION). MAINTAIN 17000, EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.



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ZETTR	ONE	ZETTR1.ZETTR	NONE		

COLEMAN A YOUNG MUNI (KDET):

TAKEOFF RWY 7: CLIMB ON HEADING 068.30 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS FLOKA AT OR ABOVE 4000, THENCE...
TAKEOFF RWY 15: CLIMB ON HEADING 148.32 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS FLOKA AT OR ABOVE 4000, THENCE...
TAKEOFF RWY 25: CLIMB ON HEADING 248.31 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS FLOKA AT OR ABOVE 4000, THENCE...
TAKEOFF RWY 33: CLIMB ON HEADING 328.33 TO 1800 THEN AS ASSIGNED FOR RADAR VECTORS TO CROSS FLOKA AT OR ABOVE 4000, THENCE...

...ON TRACK 048.55 TO CROSS ZETTR AT OR BELOW 17000, THEN ON (TRANSITION). MAINTAIN 17000, EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

CUSTER (KTTF):

TAKEOFF RWY 3: CLIMB ON HEADING 027.49 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS FLOKA AT OR ABOVE 4000, THENCE...
TAKEOFF RWY 21: CLIMB ON HEADING 207.50 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS FLOKA AT OR ABOVE 4000, THENCE...

...ON TRACK 048.55 TO CROSS ZETTR AT OR BELOW 17000, THEN ON (TRANSITION). MAINTAIN 17000, EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

GROSSE ILE MUNI (KONZ):

TAKEOFF RWY 4: CLIMB ON HEADING 037.34 TO 1200 THEN AS ASSIGNED FOR RADAR VECTORS TO CROSS FLOKA AT OR ABOVE 4000, THENCE...
TAKEOFF RWY 17: CLIMB ON HEADING 173.78 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS FLOKA AT OR ABOVE 4000, THENCE...
TAKEOFF RWY 22: CLIMB ON HEADING 217.34 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS FLOKA AT OR ABOVE 4000, THENCE...
TAKEOFF RWY 35: CLIMB ON HEADING 005.78 TO 1800 THEN AS ASSIGNED FOR RADAR VECTORS TO CROSS FLOKA AT OR ABOVE 4000, THENCE...

...ON TRACK 048.55 TO CROSS ZETTR AT OR BELOW 17000, THEN ON (TRANSITION). MAINTAIN 17000, EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

LIVINGSTON COUNTY SPENCER J HARDY (KOZW):

TAKEOFF RWY 13: CLIMB ON HEADING 132.35 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS FLOKA AT OR ABOVE 4000, THENCE...
TAKEOFF RWY 31: CLIMB ON HEADING 312.36 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS FLOKA AT OR ABOVE 4000, THENCE...

...ON TRACK 048.55 TO CROSS ZETTR AT OR BELOW 17000, THEN ON (TRANSITION). MAINTAIN 17000, EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

OAKLAND COUNTY INTL (KPTK):

TAKEOFF RWY 9L: CLIMB ON HEADING 094.66 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS FLOKA AT OR ABOVE 4000, THENCE...
TAKEOFF RWY 9R: CLIMB ON HEADING 094.63 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS FLOKA AT OR ABOVE 4000, THENCE...
TAKEOFF RWY 27L: CLIMB ON HEADING 274.65 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS FLOKA AT OR ABOVE 4000, THENCE...
TAKEOFF RWY 27R: CLIMB ON HEADING 274.68 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS FLOKA AT OR ABOVE 4000, THENCE...

...ON TRACK 048.55 TO CROSS ZETTR AT OR BELOW 17000, THEN ON (TRANSITION). MAINTAIN 17000, EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

OAKLAND/TROY (KVLL):

TAKEOFF RWY 9: CLIMB ON HEADING 095.71 TO 1400 THEN AS ASSIGNED FOR RADAR VECTORS TO CROSS FLOKA AT OR ABOVE 4000, THENCE...
TAKEOFF RWY 27: CLIMB ON HEADING 275.72 TO 1500 THEN AS ASSIGNED FOR RADAR VECTORS TO CROSS FLOKA AT OR ABOVE 4000, THENCE...

...ON TRACK 048.55 TO CROSS ZETTR AT OR BELOW 17000, THEN ON (TRANSITION). MAINTAIN 17000, EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.



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ZETTR	ONE	ZETTR1.ZETTR	NONE		

SELFRIDGE ANGB (KMTG):

TAKEOFF RWY 1: CLIMB ON HEADING 007.47 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS FLOKA AT OR ABOVE 4000, THENCE...

TAKEOFF RWY 19: CLIMB ON HEADING 187.47 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS FLOKA AT OR ABOVE 4000, THENCE...

...ON TRACK 048.55 TO CROSS ZETTR AT OR BELOW 17000, THEN ON (TRANSITION). MAINTAIN 17000, EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

WINDSOR (CYQG):

TAKEOFF RWY 7: CLIMB ON HEADING 069.55 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS FLOKA AT OR ABOVE 4000, THENCE...

TAKEOFF RWY 12: CLIMB ON HEADING 122.61 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS FLOKA AT OR ABOVE 4000, THENCE...

TAKEOFF RWY 25: CLIMB ON HEADING 249.56 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS FLOKA AT OR ABOVE 4000, THENCE...

TAKEOFF RWY 30: CLIMB ON HEADING 302.60 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS FLOKA AT OR ABOVE 4000, THENCE...

...ON TRACK 048.55 TO CROSS ZETTR AT OR BELOW 17000, THEN ON (TRANSITION). MAINTAIN 17000, EXPECT FILED ALTITUDE 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>
DUTEL	ZETTR1.DUTEL	ZETTR	KARIT	TRACK 035.15	58.17	12000		
		KARIT	DUTEL	TRACK 039.60	67.40	12000		
ETBOX	ZETTR1.ETBOX	ZETTR	KARIT	TRACK 035.15	58.17	12000		
		KARIT	ETBOX	TRACK 067.32	99.53	16000		
KELTI	ZETTR1.KELTI	ZETTR	TANKO	TRACK 068.38	19.61	10000		
		TANKO	KELTI	TRACK 090.02	152.32	10000		
SIKBO	ZETTR1.SIKBO	ZETTR	TANKO	TRACK 068.38	19.61	10000		
		TANKO	SIKBO	TRACK 080.14	138.11	10000		

PROCEDURAL DATA NOTES:

NOTE: RNAV 1

NOTE: RADAR REQUIRED

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: TURBOJET DEPARTURES AT/ABOVE 10000, MAINTAIN 280K UNTIL ADVISED BY ATC.



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ZETTR	ONE	ZETTR1.ZETTR	NONE		

TAKEOFF MINIMUMS:

DETROIT METROPOLITAN WAYNE COUNTY (KDTW):

RWY 3L, 3R, 4L, 4R, 27L, 27R: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 1160.

RWY 21L, 21R, 22L, 22R: STANDARD.

WILLOW RUN (KYIP):

RWY 5L, 5R, 9, 23L, 23R, 27: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 1220.

ANN ARBOR MUNI (KARB):

RWY 6, 24: STANDARD.

RWY 12, 30: NA - ENVIRONMENTAL.

COLEMAN A YOUNG MUNI (KDET):

RWY 7, 15, 33: STANDARD.

RWY 25: STANDARD WITH MINIMUM CLIMB OF 210 FEET PER NM TO 1000.

CUSTER (KTTF):

STANDARD.

GROSSE ILE MUNI (KONZ):

RWY 4, 17, 22: STANDARD.

RWY 35: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 1100.

LIVINGSTON COUNTY SPENCER J HARDY (KOZW):

STANDARD.

OAKLAND COUNTY INTL (KPTK):

RWY 9L, 9R, 27L, 27R: STANDARD.

RWY 18, 36: NA - ENVIRONMENTAL.

OAKLAND/TROY (KVLL):

RWY 9: STANDARD.

RWY 27: STANDARD WITH MINIMUM CLIMB OF 476 FT PER NM TO 1500.

SELFREDGE ANGB (KMTC):

RWY 1: STANDARD.

RWY 19: STANDARD WITH MINIMUM CLIMB OF 234 FT PER NM TO 1500.

WINDSOR (CYQG):

RWY 7, 12, 25: STANDARD.

RWY 30: STANDARD WITH MINIMUM CLIMB OF 210 FT PER NM TO 1300.

TAKEOFF OBSTACLES NOTES:

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

CONTROLLING OBSTACLES:



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ZETTR	ONE	ZETTR1.ZETTR	NONE		

WILLOW RUN (KYIP):

RWY 27: 903 FT MSL TOWER 421431.78N/0833411.47W

COLEMAN A YOUNG MUNI (KDET):

RWY 25: 871 FT MSL STACK 422307.00N/0830235.00W

RWY 33: 1749 FT MSL TOWER 422653.00N/0831023.00W

GROSSE ILE MUNI (KONZ):

RWY 35: 1146 FT MSL STACK, 420718.61N/0831050.62W

OAKLAND/TROY (KVLL):

RWY 27: 940 FT MSL BLDG 423234.20N/0831235.50W (CG), 1749 FT MSL TOWER 422858.00N/0831219.00W (CGTA)

SELFRIDGE ANGB (KMTX):

RWY 19: 1246 FT MSL TOWER 423315.00N/0825315.00W

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

CHART: TOP ALTITUDE: 17000

REFERENCE MAG VAR: KDTW 7W/2020

DME/DME ASSESSMENT: SAT (RNP 2.0)

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
DETROIT METROPOLITAN WAYNE COUNTY (KDTW)	DETROIT	MI
WILLOW RUN (KYIP)	DETROIT	MI
ANN ARBOR MUNI (KARB)	ANN ARBOR	MI
COLEMAN A YOUNG MUNI (KDET)	DETROIT	MI
CUSTER (KTTF)	MONROE	MI
GROSSE ILE MUNI (KONZ)	DETROIT/GROSSE ILE	MI
LIVINGSTON COUNTY SPENCER J HARDY (KOZW)	HOWELL	MI
OAKLAND COUNTY INTL (KPTK)	PONTIAC	MI
OAKLAND/TROY (KVLL)	TROY	MI

QUALITY
3
CHECKED

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ZETTR	ONE	ZETTR1.ZETTR	NONE		
SELFRIDGE ANGB (KMTC)		MOUNT CLEMENS		MI	
WINDSOR (CYQG)		WINDSOR, ONTARIO, CANADA			

COMMUNICATIONS:

ATIS, AWOS/ASOS, CLNC DEL, GND CON, TWR, CTAF, DEP CON

FIXES AND/OR NAVAIDS:

REMARKS:

MOCA(S) NOT CHARTED PER ATC REQUEST TO REDUCE CHART CLUTTER.

CHANGES TO THIS PROCEDURE MUST BE COORDINATED WITH NAVCANADA, AERONAUTICAL INFORMATION MANAGEMENT (AIM), AIMDATA@NAVCANADA.CA (CURRENT POC IS CHARLES SIMARD, 613-248-3819, SIMACHA@NAVCANADA.CA).

FLIGHT INSPECTED BY:

OFFICE SYMBOL:

DATE:

DEVELOPED BY:

LUCAS MCCLOUD

Digitally signed by
LUCAS MCCLOUD
Jan 18, 2018

OFFICE SYMBOL:

AJV-5422

DATE:

12/07/2017

APPROVED BY:

JULIE MORGAN

OFFICE SYMBOL:

AJV-5420

DATE:

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

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

OTHER:

ZOB, DTW APP CON, AMGR

CHANGES - REASONS:

ORIGINAL - ATC REQUEST.

QUALITY
3
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ZETTR		ONE		ZETTR1.ZETTR		NONE			
<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>
DETROIT METROPOLITAN WAYNE COUNTY (KDTW)									
RW03L (AER)	421228.21N/0832104.39W	N	-	-	-	-			
1160 MSL	-	-	-	VA	028.71	-			CG 500 FT/NM TO 1160
DCATS	422021.02N/0831512.40W	Y	FB	DF	-	-			
FLOKA	424049.29N/0830013.05W	Y	FB	TF	028.36	23.27	AT/ABOVE 4000		
RW03R (AER)	421144.21N/0832106.49W	N	-	-	-	-			
1160 MSL	-	-	-	VA	028.71	-			CG 500 FT/NM TO 1160
BURPZ	421517.69N/0831829.10W	Y	FB	DF	-	-			
FLOKA	424049.29N/0830013.05W	Y	FB	TF	027.81	28.88	AT/ABOVE 4000		
RW04L (AER)	421207.82N/0832302.40W	N	-	-	-	-			
1160 MSL	-	-	-	VA	028.68	-			CG 500 FT/NM TO 1160
MINDY	421559.47N/0832011.78W	Y	FB	DF	-	-			
FLOKA	424049.29N/0830013.05W	Y	FB	TF	030.67	28.89	AT/ABOVE 4000		
RW04R (AER)*	421212.78N/0832213.32W*	N	-	-	-	-			*DISPL THLD (509 FT)
1160 MSL	-	-	-	VA	028.70	-			CG 500 FT/NM TO 1160
KKELL	422131.89N/0831520.25W	Y	FB	DF	-	-			
FLOKA	424049.29N/0830013.05W	Y	FB	TF	030.02	22.29	AT/ABOVE 4000		

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ZETTR		ONE		ZETTR1.ZETTR		NONE			
<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>
RW21L (AER)	421310.86N/0832002.65W	N	-	-	-	-			
-	420959.04N/0832223.91W	-	-	VI	208.72	3.64			
WINRS	420650.61N/0832022.22W	Y	FB	CF	154.34	3.48			RECOMMENDED NAVAID: AIR VOR/DME
USSIE	420556.34N/0831427.74W	Y	FB	TF	101.58	4.49			
SUURF	420657.51N/0830837.76W	Y	FB	TF	076.76	4.46	AT/BELOW 7000		
TUURF	421644.40N/0830113.28W	Y	FB	TF	029.34	11.22			
FLOKA	424049.29N/0830013.05W	Y	FB	TF	001.76	24.08	AT/ABOVE 4000		
RW21R (AER)	421341.85N/0832010.12W	N	-	-	-	-			
-	421042.90N/0832221.92W	-	-	VI	208.72	3.40			
WINRS	420650.61N/0832022.22W	Y	FB	CF	159.03	4.14			RECOMMENDED NAVAID: AIR VOR/DME
USSIE	420556.34N/0831427.74W	Y	FB	TF	101.58	4.49			
SUURF	420657.51N/0830837.76W	Y	FB	TF	076.76	4.46	AT/BELOW 7000		
TUURF	421644.40N/0830113.28W	Y	FB	TF	029.34	11.22			
FLOKA	424049.29N/0830013.05W	Y	FB	TF	001.76	24.08	AT/ABOVE 4000		
RW22L (AER)	421352.37N/0832059.97W	N	-	-	-	-			
-	421022.99N/0832334.10W	-	-	VI	208.71	3.98			
FORDZ	420808.79N/0833125.03W	Y	FB	CF	249.00	6.25			RECOMMENDED NAVAID: AIR VOR/DME
CORVE	421315.71N/0834224.97W	Y	FB	TF	302.08	9.64	AT/BELOW 7000		
FRBRD	421824.14N/0834000.66W	Y	FB	TF	019.15	5.44			
DINGL	423219.38N/0832317.31W	Y	FB	TF	041.58	18.63			

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<u>DP NAME</u>		<u>NUMBER</u>		<u>DP COMPUTER CODE</u>		<u>SUPERSEDED NUMBER</u>		<u>DATED</u>	<u>EFFECTIVE DATE</u>
ZETTR		ONE		ZETTR1.ZETTR		NONE			
<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>
FLOKA	424049.29N/0830013.05W	Y	FB	TF	063.37	19.04	AT/ABOVE 4000		
RW22R (AER)	421334.48N/0832158.61W	N	-	-	-	-			
-	421022.50N/0832419.85W	-	-	VI	208.69	3.65			
FORDZ	420808.79N/0833125.03W	Y	FB	CF	247.05	5.72			RECOMMENDED NAVAID: AIR VOR/DME
CORVE	421315.71N/0834224.97W	Y	FB	TF	302.08	9.64	AT/BELOW 7000		
FRBRD	421824.14N/0834000.66W	Y	FB	TF	019.15	5.44			
DINGL	423219.38N/0832317.31W	Y	FB	TF	041.58	18.63			
FLOKA	424049.29N/0830013.05W	Y	FB	TF	063.37	19.04	AT/ABOVE 4000		
RW27L (AER)	421158.34N/0831949.33W	N	-	-	-	-			
1160 MSL	-	-	-	VA	268.73	-			CG 500 FT/NM TO 1160
-	-	-	-	VM	268.71	-			
RW27R (AER)	421303.02N/0831951.72W	N	-	-	-	-			
1160 MSL	-	-	-	VA	268.72	-			CG 500 FT/NM TO 1160
-	-	-	-	VM	268.70	-			
WILLOW RUN (KYIP)									
RW05L (AER)	421355.86N/0833230.06W	N	-	-	-	-			
1220 MSL	-	-	-	VA	046.71	-			CG 500 FT/NM TO 1220
-	-	-	-	VM	293.00	-			LEFT TURN

QUALITY
3
CHECKED

**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>EFFECTIVE DATE</u>
ZETTR		ONE		ZETTR1.ZETTR		NONE			
<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>
RW05R (AER)	421350.25N/0833223.46W	N	-	-	-	-			
1220 MSL	-	-	-	VA	046.70	-			CG 500 FT/NM TO 1220
-	-	-	-	VM	293.00	-			LEFT TURN
RW09 (AER)*	421438.37N/0833228.33W*	N	-	-	-	-			*DISPL THLD (576 FT)
1220 MSL	-	-	-	VA	088.55	-			CG 500 FT/NM TO 1220
-	-	-	-	VM	293.00	-			LEFT TURN
RW23L (AER)	421441.34N/0833110.47W	N	-	-	-	-			
1220 MSL	-	-	-	VA	226.72	-			CG 500 FT/NM TO 1220
-	-	-	-	VM	226.70	-			
RW23R (AER)	421436.47N/0833132.03W	N	-	-	-	-			
1220 MSL	-	-	-	VA	226.73	-			CG 500 FT/NM TO 1220
-	-	-	-	VM	226.72	-			
RW27 (AER)	421440.03N/0833059.06W	N	-	-	-	-			
1220 MSL	-	-	-	VA	268.57	-			CG 500 FT/NM TO 1220
-	-	-	-	VM	268.56	-			
FLOKA	424049.29N/0830013.05W	Y	-	IF	-	-	AT/ABOVE 4000		
ZETTR	425211.06N/0824630.61W	Y	FB	TF	041.55	15.20	AT/BELOW 17000		

QUALITY
3
CHECKED

**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>EFFECTIVE DATE</u>
ZETTR		ONE	ZETTR1.ZETTR	NONE		

<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>
ZETTR	425211.06N/0824630.61W	Y	-	IF	-	-	AT/BELOW 17000		ZETTR1.DUTEL
KARIT	434300.00N/0834000.00W	Y	FB	TF	028.15	58.17			
DUTEL	443959.00N/0811747.00W	Y	FB	TF	032.60	67.40			
ZETTR	425211.06N/0824630.61W	Y	-	IF	-	-	AT/BELOW 17000		ZETTR1.ETBOX
KARIT	434323.00N/0820840.00W	Y	FB	TF	028.15	58.17			
ETBOX	443137.00N/0800747.00W	Y	FB	TF	060.32	99.53			
ZETTR	425211.06N/0824630.61W	Y	-	IF	-	-	AT/BELOW 17000		ZETTR1.KELTI
TANKO	430132.48N/0822302.38W	Y	FB	TF	061.38	19.61			
KELTI	431657.00N/0785600.00W	Y	FB	TF	083.02	152.32			
ZETTR	425211.06N/0824630.61W	Y	-	IF	-	-	AT/BELOW 17000		ZETTR1.SIKBO
TANKO	430132.48N/0822302.38W	Y	FB	TF	061.38	19.61			
SIKBO	433913.00N/0792057.00W	Y	FB	TF	073.14	138.11			

QUALITY
3
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