

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.
 Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
RUUDY	FIVE	RUUDY5.RUUDY	FOUR	15 DEC 11	18 SEP 2014

TYPE: RNAV SID

DP ROUTE DESCRIPTION:

TAKEOFF RWY 24: CLIMB HEADING 240.16 TO INTERCEPT COURSE 260.14 TO WENTZ, CROSS WENTZ AT 1500, THEN ON TRACK 280.00 TO TASCA, CROSS TASCA AT 2000 OR AS ASSIGNED BY ATC, THEN ON TRACK 284.32 TO RUUDY, THEN ON HEADING 280.00, THENCE...

...EXPECT VECTORS TO ASSIGNED ROUTE/FIX. EXPECT CLEARANCE TO FILED ALTITUDE/FLIGHT LEVEL WITHIN TEN (10) MINUTES AFTER DEPARTURE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	Crossing Altitudes/Fixes

PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

NOTE: GPS REQUIRED.

NOTE: RADAR REQUIRED.

NOTE: RNAV 1.

NOTE: BAYYS DEPARTURES EXPECT VECTORS TO BDR VOR/DME/BAYYS.

NOTE: BIGGY DEPARTURES EXPECT VECTORS TO SBJ VOR/DME/BIGGY.

NOTE: COATE DEPARTURES EXPECT VECTORS TO SAX VORTAC/COATE.

NOTE: DIXIE DEPARTURES EXPECT VECTORS TO ELVAE/COL VOR/DME/DIXIE.

NOTE: HAAYS DEPARTURES EXPECT VECTORS TO HUO VOR/DME/HAAYS.

NOTE: WHITE DEPARTURES EXPECT VECTORS TO ELVAE/COL VOR/DME/WHITE.

TAKEOFF MINIMUMS:

RWY 1, 6, 19, NA-ATC.

RWY 24, STANDARD WITH MINIMUM CLIMB OF 442 FT PER NM TO 1300. MINIMUM CLIMB OF 250 FT PER NM FROM WENTZ TO TASCA.

TAKEOFF OBSTACLES NOTES:

NOTE: RWY 24, SIGN AND TREES BEGINNING 3347 FT FROM DER, 535 FT RIGHT OF CENTERLINE, UP TO 125 FT AGL/134 FT MSL. TREES 5303 FT FROM DER, 1915 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/309 FT MSL.

CONTROLLING OBSTACLES:

RWY 24: 309 FT MSL TREES 405027.35N/0740521.10W.

OBSTACLES MANDATING ODP ROUTE DEPARTURE: RWY 24 - 1806 FT MSL BUILDING 404246.75N/0740047.27W.

LOST COMMUNICATIONS PROCEDURES:



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ADDITIONAL FLIGHT DATA:

REFERENCE MAG VAR: KTEB 12W EPOCH YEAR: 80. DME/DME ASSESSMENT: SAT (RNP 2.0).

CHART CROSSING RESTRICTIONS: WENTZ AT 1500; TASCA AT 2000.

AIRPORTS SERVED:

TETERBORO

TETERBORO, NJ

COMMUNICATIONS:

ATIS, CLEARANCE DEL, GROUND CONTROL, TOWER, NY DEP CON

FIXES AND/OR NAVAIDS:

BDR VOR/DME, CMK VOR/DME, COL VOR/DME, HUO VOR/DME, JFK VOR/DME, SAX VORTAC, SBJ VOR/DME, STW VOR/DME, BAYYS, BIGGY, BREZY, COATE, DIXIE, ELIOT, ELVAE, GAYEL, GREKI, HAAYS, LANNA, MERIT, NEION, NEWEL, PARKE, SHIPP, WAVEY, WHITE, ZIMMZ.



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REMARKS:

1. CLIMB GRADIENT OF 442 FT PER NM TO 1300 ENSURES OBSTACLE CLEARANCE AND THAT MINIMUM RNAV RECEPTION ALTITUDE OF 1500 MSL IS REACHED AT WENTZ.
2. CLIMB GRADIENT OF 250 FT PER NM BETWEEN WENTZ AND TASCA ENSURES THAT MINIMUM RNAV RECEPTION ALTITUDE OF 2000 MSL IS REACHED AT TASCA.
3. RWY 24: 1806 MSL BUILDING CONTROLLING OBSTACLE IS NEW WORLD TRADE CENTER (SEE 2007-AEA-4397-OE)

CHANGES:

DME/DME/IRU NOTE REMOVED.

REASONS:

ATC REQUEST.

QUALITY
CHECKED

DEPARTURE (DATA RECORD)

DP Name		Number	DP Computer Code				Superseded Number	Dated	Effective Date
RUUDY		FIVE	RUUDY5.RUUDY				FOUR	15 DEC 11	18 SEP 2014
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW24 (AER)	405127.84N/0740314.78W	N	-	-	-	-			
	404954.53N/0740531.97W	-	-	VI	228.16	2.33			CG 442 FT PER NM TO 1300.
WENTZ	404851.09N/0740859.96W	Y	FB	CF	248.14	2.84	AT 1500		
TASCA	404846.87N/0741137.91W	Y	FB	TF	268.00	2.00	AT 2000		CG 250 FT PER NM TO 2000.
RUUDY	404856.12N/0741641.43W	Y	FO	TF	272.32	3.84			
		-	-	VM	268.00	5.00			

QUALITY
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CHECKED

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[illegible]

QUALITY
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CHECKER

DEPARTURE (DATA RECORD)

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ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	RW24		010		VI		FB		240.2()			
	RW24	WENTZ	020		CF		FB	1.0	260.1()	002.8	AT 01500	
	RW24	TASCA	030		TF		FB	1.0			AT 02000	
	RW24	RUUDY	040		TF		FO	1.0				
	RW24		050		VM		FB		280.0()			

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	LGA	N404701.38	W0735206.96	N4047.023	W07352.116
	RUUDY	N404856.12	W0741641.43	N4048.935	W07416.691
	TASCA	N404846.87	W0741137.91	N4048.781	W07411.632
	WENTZ	N404851.09	W0740859.96	N4048.852	W07408.999
	RW24	N405127.86	W0740314.75	N4051.464	W07403.246

RUNWAY DATA	THRESHOLD
RWY	ELEVATION TCH
RW24	00007 46

QUALITY
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CHECKED