

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.
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DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
ESNYE	TWO	ESNYE2.ESNYE	ONE	18 SEP 14	25 JUN 2015

TYPE: RNAV SID

DP ROUTE DESCRIPTION:

TAKEOFF RWY 13L: CLIMB HEADING 129.64 TO 1000, THEN HEADING 129.64 OR AS ASSIGNED BY ATC, MAINTAIN 3000. THENCE...

TAKEOFF RWY 13R: CLIMB HEADING 129.62 TO 1000, THEN HEADING 129.62 OR AS ASSIGNED BY ATC, MAINTAIN 3000. THENCE...

...EXPECT RADAR VECTORS TO CROSS WIGIS AT OR ABOVE 4000, THEN ON TRACK 009.99 TO CROSS JYMME AT 5000, THEN ON TRACK 354.71 TO CROSS BAETZ AT 6000, THEN ON TRACK 354.59 TO CROSS ESNYE AT 6000, THEN ON (TRANSITION). EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

TAKEOFF RWY 31L: CLIMB HEADING 309.63 TO 1000, THENCE...

TAKEOFF RWY 31R: CLIMB HEADING 309.65 TO 1000, THENCE...

...DIRECT TO CROSS FLOWT AT OR ABOVE 3000, THEN ON TRACK 027.62 TO CROSS WIGIS AT OR ABOVE 4000, THEN ON TRACK 009.99 TO CROSS JYMME AT 5000, THEN ON TRACK 354.71 TO CROSS BAETZ AT 6000, THEN ON TRACK 354.59 TO CROSS ESNYE AT 6000, THEN ON (TRANSITION). MAINTAIN 6000. EXPECT FILED ALTITUDE 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
ARDMORE	ESNYE2.ADM	ESNYE	LANEE	TRACK 319.66	9.00	7800	2000	
			LOWGN	TRACK 301.83	18.35	11500	2700	
			ADM VORTAC	TRACK 359.09	45.75	FL180	2500	
BLECO	ESNYE2.BLECO	ESNYE	LANEE	TRACK 319.66	9.00	7800	2000	
			BLECO	TRACK 320.55	13.47	10500	2700	
EAKER	ESNYE2.EAKER	ESNYE	GRABE	TRACK 338.79	19.39	10100	2000	
			EAKER	TRACK 012.12	54.60	FL180	3700	
GRABE	ESNYE2.GRABE	ESNYE	GRABE	TRACK 338.79	19.39	10100	2000	
MC ALESTER	ESNYE2.MLC	ESNYE	AKUNA	TRACK 359.70	18.75	9800	2700	
			TIKYS	TRACK 022.19	41.90	FL180	3800	
			MLC VORTAC	TRACK 028.08	56.73	FL180	2600	
OKMULGEE	ESNYE2.OKM	ESNYE	GRABE	TRACK 338.79	19.39	10100	2000	
			EAKER	TRACK 012.12	54.60	FL180	3700	
			OKM VOR/DME	TRACK 018.06	90.40	FL180	3400	

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ESNYE	TWO	ESNYE2.ESNYE	ONE	18 SEP 14	25 JUN 2015
ROLLS	ESNYE2.ROLLS	ESNYE	LANEE	TRACK 319.66	9.00 7800 2000
			LOWGN	TRACK 301.83	18.35 11500 2700
			ADM VORTAC	TRACK 359.09	45.75 FL180 2500
			MRMAC	TRACK 303.22	60.00 FL180 2800
			ROLLS	TRACK 302.69	85.20 FL180 4500
TIKYS	ESNYE2.TIKYS	ESNYE	AKUNA	TRACK 359.70	18.75 9800 2700
			TIKYS	TRACK 022.19	41.90 FL180 3800
TULSA	ESNYE2.TUL	ESNYE	LANEE	TRACK 319.66	9.00 7800 2000
			BLECO	TRACK 320.55	13.47 10500 2700
			ZEMMA	TRACK 000.04	56.20 FL180 2500
			TUL VORTAC	TRACK 022.19	123.58 FL180 3000
WILL ROGERS	ESNYE2.IRW	ESNYE	LANEE	TRACK 319.66	9.00 7800 2000
			BLECO	TRACK 320.55	13.47 10500 2700
			ZEMMA	TRACK 000.04	56.20 FL180 2600
			IRW VORTAC	TRACK 326.54	65.91 FL180 2900
ZEMMA	ESNYE2.ZEMMA	ESNYE	BLECO	TRACK 320.22	22.47 10500 2700
			ZEMMA	TRACK 000.04	56.20 FL180 2500

PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

NOTE: RADAR REQUIRED.

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: RNAV 1.

NOTE: FOR USE BY TURBOJET AIRCRAFT ONLY.

NOTE: PROPS FILE AND EXPECT TEXOMA DEPARTURE.

NOTE: EAKER TRANSITION FOR AIRCRAFT INBOUND TO TULSA TERMINAL AREA.

NOTE: MC ALESTER TRANSITION FOR AIRCRAFT OVERFLYING THE MLC VORTAC OR INTERCEPTING J105.

NOTE: OKMULGEE TRANSITION FOR AIRCRAFT OVERFLYING THE OKM VOR/DME PROCEEDING VIA J181 TO BDF TO DESTINATIONS IN THE CHICAGO TERMINAL AREA AND NORTH.

NOTE: ROLLS TRANSITION FOR AIRCRAFT PROCEEDING NORTHWESTBOUND VIA J52.

NOTE: TULSA TRANSITION FOR AIRCRAFT OVERFLYING TUL VORTAC.

NOTE: WILL ROGERS TRANSITION FOR AIRCRAFT OVERFLYING THE IRW VORTAC.

NOTE: AIRCRAFT ARRIVING TO OKLAHOMA CITY TERMINAL AREA FILE AND EXPECT THE ZEMMA ENROUTE TRANSITION.

TAKEOFF MINIMUMS:

RWY 13L, 13R, STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 1200. **RWY 31L, 31R,** STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 1000.



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TAKEOFF OBSTACLES NOTES:

NOTE: RWY 13L, TREES, POLES AND ELECTRICAL SYSTEMS BEGINNING 844 FT FROM DER, 515 FT LEFT OF CENTERLINE, UP TO 45 FT AGL/541 FT MSL. CRANE 5270 FT FROM DER, 568 FT LEFT OF CENTERLINE, 130 FT AGL/630 FT MSL.

NOTE: RWY 13R, POLES AND FENCES BEGINNING 693 FT FROM DER, 601 FT RIGHT OF CENTERLINE, UP TO 29 FT AGL/501 FT MSL. SIGN 779 FT FROM DER, 669 FT LEFT OF CENTERLINE, 30 FT AGL/503 FT MSL. TREES BEGINNING 1122 FT FROM DER, 670 FT LEFT AND RIGHT OF CENTERLINE, UP TO 40 FT AGL/514 FT MSL. SIGN 1424 FT FROM DER, 763 FT LEFT OF CENTERLINE, 45 FT AGL/516 FT MSL. ROD ON STAKE 2234 FT FROM DER, 979 FT LEFT OF CENTERLINE, 65 FT AGL/537 FT MSL.

NOTE: RWY 31L, TREES BEGINNING 327 FT FROM DER, 374 FT RIGHT OF CENTERLINE, UP TO 60 FT AGL/501 FT MSL.

NOTE: RWY 31R, POLE 38 FT FROM DER, 501 FT LEFT OF CENTERLINE, 27 FT AGL/487 FT MSL. TREES BEGINNING 366 FT FROM DER, 552 FT RIGHT OF CENTERLINE, UP TO 65 FT AGL/530 FT MSL. POLE 1531 FT FROM DER, 719 FT RIGHT OF CENTERLINE, UP TO 61 FT AGL/521 FT MSL.

CONTROLLING OBSTACLES:

RWY 13L: 1368 FT MSL ANTENNA 324648.00N/0964814.00W.

RWY 13R: 1368 FT MSL ANTENNA 324648.00N/0964814.00W.

LOST COMMUNICATIONS PROCEDURES:**ADDITIONAL FLIGHT DATA:**

REFERENCE MAG VAR: KDAL 6E EPOCH YR: 1990. DME/DME ASSESSMENT: SAT (RNP 2.0)

CHART: TOP ALTITUDE: RWY 13L, 13R: 3000; RWY 31L, 31R: 6000.

CHART SPEED ICON MAXIMUM SPEED 210 KIAS AT FLOWT, CHART SPEED ICON MAXIMUM SPEED 240 KIAS AT WIGIS.

CHART: MEA/MOCA FROM WIGIS TO JYMME, 5000/2100. MEA/MOCA FROM JYMME TO BAETZ, 6000/2100. MEA/MOCA FROM BAETZ TO ESNYE, 6000/2000.

PILOT NAVIGATION AREA:

7NM ARC CENTERED ON WIGIS (IF), CW

FROM: POINT A (BEARING 325 DEGREES TO WIGIS)

TO: POINT B (BEARING 055 DEGREES TO WIGIS)

MINIMUM ALTITUDE – 4000

AIRPORTS SERVED:

DALLAS-LOVE FIELD

DALLAS, TX

COMMUNICATIONS:

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ATIS, CLNC DEL, GND CON, LOVE TWR, REGIONAL DEP CON

FIXES AND/OR NAVAIDS:



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ESNYE	TWO	ESNYE2.ESNYE	ONE	18 SEP 14	25 JUN 2015

CHANGES:

1. ADDED SPEED RESTRICTION OF 240 KIAS AT WIGIS. SPEED RESTRICTION DATA ADDED TO ADDITIONAL FLIGHT DATA.
2. AMENDED TOP ALTITUDE FOR RWYS 13L/R TO 3000. TOP ALTITUDE DATA ADDED TO ADDITIONAL FLIGHT DATA.
3. DELETED DECKK TRANSITION AND APPLICABLE NOTE.
4. ADDED NOTE FOR OKC ARRIVALS TO FILE ZEMMA TRANSITION.

REASONS:

- 1-4. ATC REQUEST.



DEPARTURE (DATA RECORD)

DP Name		Number	DP Computer Code				Superseded Number		Dated	Effective Date
ESNYE		TWO	ESNYE2.ESNYE				ONE		18 SEP 14	25 JUN 2015
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS	
RW13L (AER)*	325123.36N/0965121.20W*	N	-	-	-	-			*DISPL THLD (400 FT)	
1000 MSL		-	-	VA	135.64	-			CG 500 FT/NM TO 1200	
		-	-	VM	135.64	-				
WIGIS	325728.71N/0965245.79W	Y	FB	DF	-	-	AT/ABOVE 4000	AT/BELOW 240K		
RW13R (AER)*	325101.28N/0965144.41W*	N	-	-	-	-			*DISPL THLD (490 FT)	
1000 MSL		-	-	VA	135.62	-			CG 500 FT/NM TO 1200	
		-	-	VM	135.62	-				
WIGIS	325728.71N/0965245.79W	Y	FB	DF	-	-	AT/ABOVE 4000	AT/BELOW 240K		
RW31L (AER)	325002.51N/0965036.30W	N	-	-	-	-				
1000 MSL		-	-	VA	315.63	-			CG 500 FT/NM TO 1000	
FLOWT	325412.03N/0965520.94W	Y	FB	DF	-	-	AT/ABOVE 3000	AT/BELOW 210K		
WIGIS	325728.71N/0965245.79W	Y	FB	TF	033.62	3.93	AT/ABOVE 4000	AT/BELOW 240K		
RW31R (AER)	325031.35N/0965020.95W	N	-	-	-	-				
1000 MSL		-	-	VA	315.65	-			CG 500 FT/NM TO 1000	
FLOWT	325412.03N/0965520.94W	Y	FB	DF	-	-	AT/ABOVE 3000	AT/BELOW 210K		
WIGIS	325728.71N/0965245.79W	Y	FB	TF	033.62	3.93	AT/ABOVE 4000	AT/BELOW 240K		
WIGIS	325728.71N/0965245.79W	Y	-	IF	-	-		AT/BELOW 240K		
JYMME	330033.00N/0965143.09W	Y	FB	TF	015.99	3.19	AT 5000			
BAETZ	330435.62N/0965139.52W	Y	FB	TF	000.71	4.04	AT 6000			
ESNYE	330820.87N/0965136.78W	Y	FB	TF	000.59	3.75	AT 6000			
ESNYE	330820.87N/0965136.78W	Y	-	IF	-	-			ESNYE2.ADM	
LANEE	331547.38N/0965740.06W	Y	FB	TF	325.66	9.00				
LOWGN	332702.70N/0971459.29W	Y	FB	TF	307.83	18.35				
ADM VORTAC	341241.71N/0971005.62W	Y	FB	TF	005.09	45.75				
ESNYE	330820.87N/0965136.78W	Y	-	IF	-	-			ESNYE2.BLECO	
LANEE	331547.38N/0965740.06W	Y	FB	TF	325.66	9.00				



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ESNYE		TWO	ESNYE2.ESNYE				ONE	18 SEP 14	25 JUN 2015
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
BLECO	332702.70N/0970632.59W	Y	FB	TF	326.55	13.47			
ESNYE	330820.87N/0965136.78W	Y	-	IF	-	-			ESNYE2.EAKER
GRABE	332705.25N/0965741.50W	Y	FB	TF	344.79	19.39			
EAKER	341902.72N/0963711.52W	Y	FB	TF	018.12	54.60			
ESNYE	330820.87N/0965136.78W	Y	-	IF	-	-			ESNYE2.GRABE
GRABE	332705.25N/0965741.50W	Y	FB	TF	344.79	19.39			
ESNYE	330820.87N/0965136.78W	Y	-	IF	-	-			ESNYE2.IRW
LANEE	331547.38N/0965740.06W	Y	FB	TF	325.66	9.00			
BLECO	332702.70N/0970632.59W	Y	FB	TF	326.55	13.47			
ZEMMA	342301.81N/0965924.01W	Y	FB	TF	006.04	56.20			
IRW VORTAC	352130.95N/0973633.22W	Y	FB	TF	332.54	65.91			
ESNYE	330820.87N/0965136.78W	Y	-	IF	-	-			ESNYE2.MLC
AKUNA	332702.48N/0964923.30W	Y	FB	TF	005.70	18.75			
TIKYS	340359.93N/0962533.53W	Y	FB	TF	028.19	41.90			
MLC VORTAC	345057.99N/0954656.44W	Y	FB	TF	034.08	56.73			
ESNYE	330820.87N/0965136.78W	Y	-	IF	-	-			ESNYE2.OKM
GRABE	332705.25N/0965741.50W	Y	FB	TF	344.79	19.39			
EAKER	341902.72N/0963711.52W	Y	FB	TF	018.12	54.60			
OKM VOR/DME	354135.15N/0955157.53W	Y	FB	TF	024.06	90.40			
ESNYE	330820.87N/0965136.78W	Y	-	IF	-	-			ESNYE2.ROLLS
LANEE	331547.38N/0965740.06W	Y	FB	TF	325.66	9.00			
LOWGN	332702.70N/0971459.29W	Y	FB	TF	307.83	18.35			
ADM VORTAC	341241.71N/0971005.62W	Y	FB	TF	005.09	45.75			
MRMAC	345028.82N/0980634.32W	Y	FB	TF	309.22	60.00			
ROLLS	354321.88N/0992814.51W	Y	FB	TF	308.69	85.20			

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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS	
ESNYE	330820.87N/0965136.78W	Y	-	IF	-	-			ESNYE2.TIKYS	
AKUNA	332702.48N/0964923.30W	Y	FB	TF	005.70	18.75				
TIKYS	340359.93N/0962533.53W	Y	FB	TF	028.19	41.90				
ESNYE	330820.87N/0965136.78W	Y	-	IF	-	-			ESNYE2.TUL	
LANEE	331547.38N/0965740.06W	Y	FB	TF	325.66	9.00				
BLECO	332702.70N/0970632.59W	Y	FB	TF	326.55	13.47				
ZEMMA	342301.81N/0965924.01W	Y	FB	TF	006.04	56.20				
TUL VORTAC	361146.51N/0954717.13W	Y	FB	TF	028.19	123.58				
ESNYE	330820.87N/0965136.78W	Y	-	IF	-	-			ESNYE2.ZEMMA	
BLECO	332702.70N/0970632.59W	Y	FB	TF	326.22	22.47				
ZEMMA	342301.81N/0965924.01W	Y	FB	TF	006.04	56.20				

