

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DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
NOBLY	FIVE	NOBLY5.NOBLY	FOUR	05 APR 12	18 SEP 2014

TYPE: RNAV SID

DP ROUTE DESCRIPTION:

TAKEOFF RWY 17C: CLIMB HEADING 176.27 TO INTERCEPT COURSE 157.17 TO NAVYE, THEN ON TRACK 106.51 TO CROSS JGIRL AT OR ABOVE 5000 AND AT OR BELOW 240 KIAS, THEN ON DEPICTED ROUTE TO NOBLY, THENCE...

TAKEOFF RWY 17R: CLIMB HEADING 176.26 TO INTERCEPT COURSE 155.02 TO NAVYE, THEN ON TRACK 106.51 TO CROSS JGIRL AT OR ABOVE 5000 AND AT OR BELOW 240 KIAS, THEN ON DEPICTED ROUTE TO NOBLY, THENCE...

TAKEOFF RWY 18L: CLIMB HEADING 176.25 TO INTERCEPT COURSE 144.78 TO NAVYE, THEN ON TRACK 106.51 TO CROSS JGIRL AT OR ABOVE 5000 AND AT OR BELOW 240 KIAS, THEN ON DEPICTED ROUTE TO NOBLY, THENCE...

TAKEOFF RWY 18R: CLIMB HEADING 176.25 TO INTERCEPT COURSE 143.10 TO NAVYE, THEN ON TRACK 106.51 TO CROSS JGIRL AT OR ABOVE 5000 AND AT OR BELOW 240 KIAS, THEN ON DEPICTED ROUTE TO NOBLY, THENCE...

TAKEOFF RWY 35C: CLIMB HEADING 356.27 TO 1120, THEN DIRECT CUZEN, CROSS CUZEN AT OR ABOVE 5000 AND AT OR BELOW 240 KIAS, THEN ON DEPICTED ROUTE TO NOBLY, THENCE...

TAKEOFF RWY 35L: CLIMB HEADING 356.26 TO 1120, THEN DIRECT CUZEN, CROSS CUZEN AT OR ABOVE 5000 AND AT OR BELOW 240 KIAS, THEN ON DEPICTED ROUTE TO NOBLY, THENCE...

TAKEOFF RWY 36L: CLIMB HEADING 356.25 TO INTERCEPT COURSE 005.75 TO CROSS CUZEN AT OR ABOVE 5000 AND AT OR BELOW 240 KIAS, THEN ON DEPICTED ROUTE TO NOBLY, THENCE...

TAKEOFF RWY 36R: CLIMB HEADING 356.25 TO INTERCEPT COURSE 004.49 TO CROSS CUZEN AT OR ABOVE 5000 AND AT OR BELOW 240 KIAS, THEN ON DEPICTED ROUTE TO NOBLY, THENCE...

TAKEOFF RWY 31L/R: CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO NOBLY, MAINTAIN 5000, THENCE...

... (TRANSITION). MAINTAIN 10000, EXPECT FILED ALTITUDE TEN 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
LITTLE ROCK	NOBLY5.LIT	NOBLY	COBUG	TRACK 066.53	37.59	5000	2000	
		COBUG	ORTRO	TRACK 066.91	74.99	FL230	2000	
		ORTRO	LIT VORTAC	TRACK 055.14	117.13	FL230	2100	

PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: RNAV 1.

NOTE: FOR USE BY TURBOJET AIRCRAFT ONLY.

NOTE: PROPS: FILE AND EXPECT WYLIE OR HUBBARD DEPARTURE.

NOTE: FOR AIRCRAFT REQUESTING FL180 OR ABOVE.

NOTE: TURBOJETS REQUESTING 17000 AND BELOW EXPECT GARLAND DEPARTURE.

NOTE: RADAR REQUIRED.

QUALITY
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TAKEOFF MINIMUMS:

RWY 31L, 31R: STANDARD.

RWY 17C, 17R, 18L, 18R, 35C, 35L, 36L, 36R: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 1120.

TAKEOFF OBSTACLES NOTES:

NOTE: RWY 31L, TREES BEGINNING 928 FT FROM DER, 724 FT LEFT OF CENTERLINE, UP TO 55 FT AGL/654 FT MSL. TREES 1229 FT FROM DER, 729 FT RIGHT OF CENTERLINE, UP TO 28 FT/637 FT MSL. TRANSMISSION POLES AND TOWERS BEGINNING 3402 FT FROM DER, 1398 FT RIGHT OF CENTERLINE, UP TO 110 FT AGL/730 FT MSL.

NOTE: RWY 31R, BUILDING 732 FT FROM DER, 633 FT LEFT OF CENTERLINE, 34 FT AGL/604 FT MSL.

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

REFERENCE MAG VAR: KDFW 4E EPOCH YEAR: 2015. DME/DME ASSESSMENT: SAT (RNP 2.0)

PILOT NAVIGATION AREA:

7 NM ARC CENTERED ON NOBLY (IF), CW

FROM: POINT A (BEARING 022 DEGREES TO NOBLY)

TO: POINT B (BEARING 111 DEGREES TO NOBLY)

MINIMUM ALTITUDE – 5000

AIRPORTS SERVED:

DALLAS/FORT WORTH INTL

DALLAS-FORT WORTH, TX

COMMUNICATIONS:

CLNC DEL, ATIS, GND CON, TOWER, DEP CON

FIXES AND/OR NAVAIDS:

CHART: CLARE, POTEN, SHERO, SOLDI, TRISS, UIM VOR/DME.



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REMARKS:

PGO VORTAC IS CLOSEST SUITABLE NAVAID (161.75 NM) SET AT MAGVAR 4E TO USE AS RECOMMENDED NAVAID FOR CF LEGS.

CHANGES:

1. AMENDED ALL MAGNETIC HEADINGS AND BEARINGS TWO DEGREES.
2. REWORDED RWY 17C, 17R, 18L, 18R, 35C, 35L, 36L, AND 36R DEPARTURE INSTRUCTIONS TO INCLUDE SPEED RESTRICTIONS.
3. AMENDED RWY 31L AND RWY 31R TAKEOFF OBSTACLE NOTES.
4. AMENDED RWY 17C, 17R, 18L, 18R, 35C, 35L, 36L, 36R CLIMB GRADIENT FROM 500 FT PER NM TO 5000 TO 500 FT PER NM TO 1120.
5. RECOMMENDED NAVAID AMENDED FROM TTT VOR/DME TO PGO VORTAC.
6. AMENDED RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT AND FOR ALL AIRCRAFT DEPARTING RWY 31L/31R TO READ RADAR REQUIRED.
7. REMOVED RWY 13L, 13R, 17L, 35R: NA-AIR TRAFFIC FROM TAKEOFF MINIMUMS.

REASONS:

1. KDFW MAGVAR AMENDED FROM 6E 2000 TO 4E 2015.
2. TEXTUAL INSTRUCTIONS SHOULD MATCH FAA FORM 8260-15C CODING.
3. MATCH DATA ON DALLAS/FORT WORTH INTL FORM 8260-15A, AMDT 6.
4. CLIMB GRADIENT SHOULD ONLY BE PUBLISHED TO MITIGATE OBSTACLES OR TO REACH MINIMUM RNAV ENGAGEMENT ALTITUDE.
5. CLOSEST NAVAID TO KDFW SET AT 4E MAGVAR TO MATCH UPDATED AIRPORT MAGVAR.
6. ATC REQUEST.
7. IN ACCORDANCE WITH CURRENT DOCUMENTATION POLICY.



DEPARTURE (DATA RECORD)

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NOBLY		FIVE	NOBLY5.NOBLY				FOUR	05 APR 12	18 SEP 2014
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW17C (AER)	325456.55N/0970133.49W	N	-	-	-	-			
	325136.63N/0970134.60W	-	-	VI	180.27	3.33			CG 500 FT/NM TO 1120.
NAVYE	324657.75N/0965942.05W	Y	FB	CF	161.17	4.90			RECOMMENDED NAVAID: PGO VORTAC
JGIRL	324554.36N/0965621.63W	Y	FB	TF	110.51	3.01	AT/ABOVE 5000	AT/BELOW 240K	
CORTS	324607.65N/0964953.59W	Y	FB	TF	087.65	5.46			
NOBLY	330456.63N/0961957.66W	Y	FB	TF	053.16	31.42			
RW17R (AER)	325456.60N/0970147.58W	N	-	-	-	-			
	325136.69N/0970148.65W	-	-	VI	180.26	3.33			CG 500 FT/NM TO 1120.
NAVYE	324657.75N/0965942.05W	Y	FB	CF	159.02	4.97			RECOMMENDED NAVAID: PGO VORTAC
JGIRL	324554.36N/0965621.63W	Y	FB	TF	110.51	3.01	AT/ABOVE 5000	AT/BELOW 240K	
CORTS	324607.65N/0964953.59W	Y	FB	TF	087.65	5.46			
NOBLY	330456.63N/0961957.66W	Y	FB	TF	053.16	31.42			
RW18L (AER)	325456.88N/0970302.65W	N	-	-	-	-			
	325138.77N/0970303.67W	-	-	VI	180.25	3.30			CG 500 FT/NM TO 1120.
NAVYE	324657.75N/0965942.05W	Y	FB	CF	148.78	5.47			RECOMMENDED NAVAID: PGO VORTAC
JGIRL	324554.36N/0965621.63W	Y	FB	TF	110.51	3.01	AT/ABOVE 5000	AT/BELOW 240K	
CORTS	324607.65N/0964953.59W	Y	FB	TF	087.65	5.46			
NOBLY	330456.63N/0961957.66W	Y	FB	TF	053.16	31.42			
RW18R (AER)	325456.93N/0970316.71W	N	-	-	-	-			
	325139.42N/0970317.74W	-	-	VI	180.25	3.29			CG 500 FT/NM TO 1120.
NAVYE	324657.75N/0965942.05W	Y	FB	CF	147.10	5.58			RECOMMENDED NAVAID: PGO VORTAC
JGIRL	324554.36N/0965621.63W	Y	FB	TF	110.51	3.01	AT/ABOVE 5000	AT/BELOW 240K	
CORTS	324607.65N/0964953.59W	Y	FB	TF	087.65	5.46			
NOBLY	330456.63N/0961957.66W	Y	FB	TF	053.16	31.42			
RW31L (AER)	325324.97N/0970347.79W	N	-	-	-	-			
		-	-	VM	319.06	-			
NOBLY	330456.63N/0961957.66W	Y	FB	DF	-	-			

QUALITY

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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW31R (AER)	325341.93N/0970003.04W	N	-	-	-	-			
		-	-	VM	315.28	-			
NOBLY	330456.63N/0961957.66W	Y	FB	DF	-	-			
RW35C (AER)	325243.96N/0970134.22W	N	-	-	-	-			
1120 MSL		-	-	VA	000.27	-			CG 500 FT/NM TO 1120.
CUZEN	330439.55N/0970130.12W	Y	FB	DF	-	-	AT/ABOVE 5000	AT/BELOW 240K	
HUNNT	330528.16N/0965611.62W	Y	FB	TF	079.70	4.53			
NOBLY	330456.63N/0961957.66W	Y	FB	TF	090.82	30.45			
RW35L (AER)	325244.02N/0970148.29W	N	-	-	-	-			
1120 MSL		-	-	VA	000.26	-			CG 500 FT/NM TO 1120.
CUZEN	330439.55N/0970130.12W	Y	FB	DF	-	-	AT/ABOVE 5000	AT/BELOW 240K	
HUNNT	330528.16N/0965611.62W	Y	FB	TF	079.70	4.53			
NOBLY	330456.63N/0961957.66W	Y	FB	TF	090.82	30.45			
RW36L (AER)	325244.35N/0970317.40W	N	-	-	-	-			
	325558.85N/0970316.39W	-	-	VI	000.25	3.24			CG 500 FT/NM TO 1120.
CUZEN	330439.55N/0970130.12W	Y	FB	CF	009.75	8.79	AT/ABOVE 5000	AT/BELOW 240K	RECOMMENDED NAVAID: PGO VORTAC
HUNNT	330528.16N/0965611.62W	Y	FB	TF	079.70	4.53			
NOBLY	330456.63N/0961957.66W	Y	FB	TF	090.82	30.45			
RW36R (AER)	325244.30N/0970303.33W	N	-	-	-	-			
	325559.40N/0970302.33W	-	-	VI	000.25	3.25			CG 500 FT/NM TO 1120.
CUZEN	330439.55N/0970130.12W	Y	FB	CF	008.49	8.75	AT/ABOVE 5000	AT/BELOW 240K	RECOMMENDED NAVAID: PGO VORTAC
HUNNT	330528.16N/0965611.62W	Y	FB	TF	079.70	4.53			
NOBLY	330456.63N/0961957.66W	Y	FB	TF	090.82	30.45			
NOBLY	330456.63N/0961957.66W	Y	-	IF	-	-			NOBLY5.LIT
COBUG	331722.83N/0953740.98W	Y	FB	TF	070.53	37.59			
ORTRO	334128.06N/0941244.97W	Y	FB	TF	070.91	74.99			
LIT VORTAC	344039.62N/0921049.90W	Y	FB	TF	059.14	117.13			

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FAA Form 8260-15C / August 2009 (Computer Generated)

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NOBLY	FIVE	NOBLY5.NOBLY	FOUR	05 APR 12	18 SEP 2014

[illegible]

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ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
RW17C			010		VI		FB		176.3()			
RW17C		NAVYE	020		CF		FB	1.0	157.2()	004.9		
RW17C		JGIRL	030		TF		FB	1.0			AA 05000	AB 240
RW17C		CORTS	040		TF		FB	1.0				
RW17C		NOBLY	050		TF		FB	1.0				
RW17R			010		VI		FB		176.3()			
RW17R		NAVYE	020		CF		FB	1.0	155.0()	005.0		
RW17R		JGIRL	030		TF		FB	1.0			AA 05000	AB 240
RW17R		CORTS	040		TF		FB	1.0				
RW17R		NOBLY	050		TF		FB	1.0				
RW18L			010		VI		FB		176.3()			
RW18L		NAVYE	020		CF		FB	1.0	144.8()	005.5		
RW18L		JGIRL	030		TF		FB	1.0			AA 05000	AB 240
RW18L		CORTS	040		TF		FB	1.0				
RW18L		NOBLY	050		TF		FB	1.0				
RW18R			010		VI		FB		176.3()			
RW18R		NAVYE	020		CF		FB	1.0	143.1()	005.6		
RW18R		JGIRL	030		TF		FB	1.0			AA 05000	AB 240
RW18R		CORTS	040		TF		FB	1.0				
RW18R		NOBLY	050		TF		FB	1.0				
RW31L			010		VM		FB		315.1()			
RW31L		NOBLY	020		DF		FB	1.0				
RW31R			010		VM		FB		311.3()			
RW31R		NOBLY	020		DF		FB	1.0				
RW35C			010		VA		FB		356.3()		AA 01120	
RW35C		CUZEN	020		DF		FB	1.0			AA 05000	AB 240
RW35C		HUNNT	030		TF		FB	1.0				
RW35C		NOBLY	040		TF		FB	1.0				
RW35L			010		VA		FB		356.3()		AA 01120	
RW35L		CUZEN	020		DF		FB	1.0			AA 05000	AB 240
RW35L		HUNNT	030		TF		FB	1.0				
RW35L		NOBLY	040		TF		FB	1.0				
RW36L			010		VI		FB		356.3()			
RW36L		CUZEN	020		CF		FB	1.0	005.8()	008.8	AA 05000	AB 240
RW36L		HUNNT	030		TF		FB	1.0				
RW36L		NOBLY	040		TF		FB	1.0				
RW36R			010		VI		FB		356.3()			
RW36R		CUZEN	020		CF		FB	1.0	004.5()	008.8	AA 05000	AB 240
RW36R		HUNNT	030		TF		FB	1.0				
RW36R		NOBLY	040		TF		FB	1.0				
LIT		NOBLY	010		IF		FB					
LIT		COBUG	020		TF		FB	1.0				

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LIT	ORTRO	030	TF	FB	1.0
LIT	LIT	040	TF	FB	1.0

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	LIT	N344039.62	W0921049.90	N3440.660	W09210.832
	PGO	N344049.67	W0943632.41	N3440.828	W09436.540
	COBUG	N331722.83	W0953740.98	N3317.381	W09537.683
	NOBLY	N330456.63	W0961957.66	N3304.944	W09619.961
	ORTRO	N334128.06	W0941244.97	N3341.468	W09412.750
	CORTS	N324607.65	W0964953.59	N3246.128	W09649.893
	CUZEN	N330439.55	W0970130.12	N3304.659	W09701.502
	HUNNT	N330528.16	W0965611.62	N3305.469	W09656.194
	JGIRL	N324554.36	W0965621.63	N3245.906	W09656.361
	NAVYE	N324657.75	W0965942.05	N3246.963	W09659.701
	RW17C	N325456.55	W0970133.49	N3254.943	W09701.558
	RW17R	N325456.60	W0970147.58	N3254.943	W09701.793
	RW18L	N325456.88	W0970302.65	N3254.948	W09703.044
	RW18R	N325456.93	W0970316.71	N3254.949	W09703.279
	RW31L	N325324.97	W0970347.79	N3253.416	W09703.797
	RW31R	N325341.93	W0970003.04	N3253.699	W09700.051
	RW35C	N325243.96	W0970134.22	N3252.733	W09701.570
	RW35L	N325244.02	W0970148.29	N3252.734	W09701.805
	RW36L	N325244.35	W0970317.40	N3252.739	W09703.290
	RW36R	N325244.30	W0970303.33	N3252.738	W09703.056

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW17C	00562	52
	RW17R	00567	52
	RW18L	00602	55
	RW18R	00607	54
	RW31L	00577	54
	RW31R	00508	53
	RW35C	00562	55
	RW35L	00563	47
	RW36L	00582	55
	RW36R	00575	50