

**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SUPERSEDED NUMBER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>
NELYN	SIX	NELYN6.NELYN	FIVE	04/30/2015	<b>10 OCT 2019</b>

<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**DP ROUTE DESCRIPTION:**

**TAKEOFF RWY 17C:** CLIMB ON HEADING 176.27 TO 1120, THEN DIRECT TREXX, CROSS TREXX AT OR ABOVE 5000 AND AT OR BELOW 240 KIAS, THEN ON TRACK 152.56 TO DALBY, THEN ON TRACK 204.54 TO CROSS ONKAE AT OR ABOVE 10000, THEN ON DEPICTED ROUTE TO NELYN, THENCE...

**TAKEOFF RWY 17R:** CLIMB ON HEADING 176.26 TO 1120, THEN DIRECT TREXX, CROSS TREXX AT OR ABOVE 5000 AND AT OR BELOW 240 KIAS, THEN ON TRACK 152.56 TO DALBY, THEN ON TRACK 204.54 TO CROSS ONKAE AT OR ABOVE 10000, THEN ON DEPICTED ROUTE TO NELYN, THENCE...

**TAKEOFF RWY 18L:** CLIMB ON HEADING 176.25 TO 1120, THEN DIRECT LARRN, CROSS LARRN AT OR ABOVE 5000 AND AT OR BELOW 240 KIAS, THEN ON TRACK 190.82 TO CROSS WETUR AT OR ABOVE 10000, THEN ON DEPICTED ROUTE TO NELYN, THENCE...

**TAKEOFF RWY 18R:** CLIMB ON HEADING 176.25 TO 1120, THEN DIRECT LARRN, CROSS LARRN AT OR ABOVE 5000 AND AT OR BELOW 240 KIAS, THEN ON TRACK 190.82 TO CROSS WETUR AT OR ABOVE 10000, THEN ON DEPICTED ROUTE TO NELYN, THENCE...

**TAKEOFF RWY 35C:** CLIMB ON HEADING 356.27 TO INTERCEPT COURSE 011.44 TO CROSS MECHL AT OR ABOVE 4000 AND AT OR BELOW 240 KIAS, THEN ON TRACK 091.87 TO CROSS BORDD AT OR ABOVE 6000, THEN ON TRACK 091.13 TO CROSS JYMME AT OR ABOVE 7000, THEN ON DEPICTED ROUTE TO NELYN, THENCE...

**TAKEOFF RWY 35L:** CLIMB ON HEADING 356.26 TO INTERCEPT COURSE 013.42 TO CROSS MECHL AT OR ABOVE 4000 AND AT OR BELOW 240 KIAS, THEN ON TRACK 091.87 TO CROSS BORDD AT OR ABOVE 6000, THEN ON TRACK 091.13 TO CROSS JYMME AT OR ABOVE 7000, THEN ON DEPICTED ROUTE TO NELYN, THENCE...

**TAKEOFF RWY 36L:** CLIMB ON HEADING 356.25 TO INTERCEPT COURSE 339.79 TO GVINE, THEN ON COURSE 262.00 TO CROSS KMART AT OR ABOVE 5500 AND AT OR BELOW 240 KIAS, THEN ON DEPICTED ROUTE TO NELYN, THENCE...

**TAKEOFF RWY 36R:** CLIMB ON HEADING 356.25 TO INTERCEPT COURSE 337.56 TO GVINE, THEN ON COURSE 262.00 TO CROSS KMART AT OR ABOVE 5500 AND AT OR BELOW 240 KIAS, THEN ON DEPICTED ROUTE TO NELYN, THENCE...

**TAKEOFF RWY 31L/R:** CLIMB ON HEADING ASSIGNED BY ATC, FOR RADAR VECTORS TO NELYN, MAINTAIN 5000, EXPECT FILED ALTITUDE TEN MINUTES AFTER DEPARTURE.

... (TRANSITION) MAINTAIN 10000, EXPECT FILED ALTITUDE TEN 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>
WACO	NELYN6.ACT	NELYN	ACT VORTAC	TRACK 182.51	37.52	16600	2100	
HOARY	NELYN6.HOARY	NELYN	ACT VORTAC	TRACK 182.51	37.52	16600	2100	
		ACT VORTAC	PRIZE	TRACK 198.00	26.00	FL180	2800	
		PRIZE	HOARY	TRACK 197.90	44.00	FL180	3100	

QUALITY  
20  
CHECKED

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NELYN		SIX	NELYN6.NELYN	FIVE		04/30/2015	<b>10 OCT 2019</b>
SAN ANTONIO	NELYN6.SAT	NELYN	ACT VORTAC	TRACK 182.51	37.52	16600	2100
		ACT VORTAC	PRIZE	TRACK 198.00	26.00	FL180	2800
		PRIZE	HOARY	TRACK 197.90	44.00	FL180	3100
		HOARY	SAT VORTAC	TRACK 208.76	66.29	FL180	2900

**PROCEDURAL DATA NOTES:**

**SAN ANTONIO TRANSITION:** FOR AIRCRAFT OVERFLYING CENTEX AND SAN ANTONIO.

**WACO TRANSITION:** FOR AIRCRAFT INBOUND TO WACO OR GRAY TERMINAL AREA AIRPORTS.

**NOTE:** DME/DME/IRU OR GPS REQUIRED.

**NOTE:** RNAV 1.

**NOTE:** FOR USE BY TURBO-JETS ONLY.

**NOTE:** TURBO-JET AIRCRAFT LANDING SAN ANTONIO AND AUSTIN TERMINALS AREAS EXPECT THE JASPA DEPARTURE.

**NOTE:** PROPS FILE AND EXPECT KEENE OR TRI-GATE DEPARTURE.

**NOTE:** RADAR REQUIRED.

**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:**

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

**CONTROLLING OBSTACLES:**

**LOST COMMUNICATIONS PROCEDURES:**

**ADDITIONAL FLIGHT DATA:**

REFERENCE MAG VAR: KDFW 4E EPOCH YEAR: 2015.

DME/DME ASSESSMENT: SAT (RNP 2.0).

CHART: TOP ALTITUDE: RWY 13L/R, 17L/C/R, 18L/R, 35L/C/R, 36L/R: 10000; RWY 31L/R: 5000.

**AIRPORTS SERVED:**

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
DALLAS-FORT WORTH INTL (KDFW)	DALLAS-FORT WORTH	TX

**COMMUNICATIONS:**

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

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NELYN	SIX	NELYN6.NELYN	FIVE	04/30/2015	<b>10 OCT 2019</b>

**FIXES AND/OR NAVAIDS:**

**CHART:** JASPA, ARDIA, DARTZ.



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NELYN	SIX	NELYN6.NELYN	FIVE	04/30/2015	<b>10 OCT 2019</b>

**REMARKS:**

ABBREVIATED AMENDMENT.

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

A SECONDARY ROC REDUCTION OF 747 FT WAS APPLIED TO THE MOCA CONTROLLING OBSTACLE (2541 MSL TOWER) IN THE ACT VORTAC TO PRIZE SEGMENT.

**FLIGHT INSPECTED BY:** PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO,  
OCTOBER 3, 2018, SUBJECT: FLIGHT INSPECTION REVIEW NOT REQUIRED.

*Digitally signed by*

**WARDELL HENNING**

Jun 25, 2019

**OFFICE SYMBOL:**

**DATE:**

*Digitally signed by*

**SYLVAN DRAKES**

May 14, 2019

**OFFICE SYMBOL:**

**DATE:**

AJV-A433

05/14/2019

**APPROVED BY:**

LONNIE EVERHART

*Digitally signed by*

**WARDELL HENNING**

Jun 25, 2019

**OFFICE SYMBOL:**

**DATE:**

AJV-A430

**REQUIRED EFFECTIVE DATE:**

ROUTINE.

**COORDINATED WITH:**

**A4A**

**ALPA**

**AOPA**

**APA**

**HAI**

**NBAA**



**OTHER:**

ZFW, DFW ATCT, REGIONAL APP CON, AMGR.

**CHANGES - REASONS:**

1. REMOVED ALL TAKEOFF OBSTACLE NOTES AND ADDED STATEMENT TO SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP) - PER FAA ORDER 8260.46G, DEPARTURE PROCEDURE PROGRAM.
2. CHANGED TOP ALTITUDE FROM 10000 TO RWY 13L/R, 17L/C/R, 18L/R, 35L/C/R, 36L/R: 10000; RWY 31L/R: 5000 - PER ATC REQUEST.
3. ADDED ICAO ID TO AIRPORT NAME - PER FAA ORDER 8260.46G.
4. UPDATED DP ROUTE DESCRIPTION FOR ALL RWYS FROM CLIMB HEADING TO CLIMB ON HEADING - PER FAA ORDER 8260.46G.
5. UPDATED DP ROUTE DESCRIPTION FOR RWY 31L/R FROM EXPECT RADAR VECTORS TO FOR RADAR VECTORS, DELETED THENCE... AND ADDED EXPECT FILED ALTITUDE TEN MINUTES AFTER DEPARTURE - PER FAA ORDER 8260.46G.
6. DELETED PILOT NAVIGATION AREA INFORMATION FROM ADDITIONAL FLIGHT DATA - PER FAA ORDER 8260.46G.
7. UPDATED AIRPORTS SERVED FROM DALLAS/FORT WORTH TO DALLAS-FORT WORTH - PER FAA ORDER 8260.46G.



**FEDERAL AVIATION ADMINISTRATION  
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DEPARTURE (DATA RECORD)**

DP NAME		NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	EFFECTIVE DATE			
NELYN		SIX	NELYN6.NELYN	FIVE	04/30/2015	10 OCT 2019			
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW17C (AER)	325456.55N/0970133.49W	N	-	-	-	-			
1120 MSL		-	-	VA	180.27	-	AT/ABOVE 1120		CLIMB GRADIENT 500 FT/NM TO 1120
TREXX	324227.80N/0970148.53W	Y	FB	DF	-	-	AT/ABOVE 5000	AT/BELOW 240K	
DALBY	323629.23N/0965844.88W	Y	FB	TF	156.56	6.50			
ONKAE	323324.36N/0970043.58W	Y	FB	TF	208.54	3.50	AT/ABOVE 10000		
NELYN	321705.86N/0971109.28W	Y	FB	TF	208.52	18.51			
RW17R (AER)	325456.60N/0970147.58W	N	-	-	-	-			
1120 MSL		-	-	VA	180.26	-	AT/ABOVE 1120		CLIMB GRADIENT 500 FT/NM TO 1120
TREXX	324227.80N/0970148.53W	Y	FB	DF	-	-	AT/ABOVE 5000	AT/BELOW 240K	
DALBY	323629.23N/0965844.88W	Y	FB	TF	156.56	6.50			
ONKAE	323324.36N/0970043.58W	Y	FB	TF	208.54	3.50	AT/ABOVE 10000		
NELYN	321705.86N/0971109.28W	Y	FB	TF	208.52	18.51			
RW18L (AER)	325456.88N/0970302.65W	N	-	-	-	-			
1120 MSL		-	-	VA	180.25	-	AT/ABOVE 1120		CLIMB GRADIENT 500 FT/NM TO 1120
LARRN	324228.17N/0970315.36W	Y	FB	DF	-	-	AT/ABOVE 5000	AT/BELOW 240K	
WETUR	323246.92N/0970616.86W	Y	FB	TF	194.82	10.00	AT/ABOVE 10000		
NELYN	321705.86N/0971109.28W	Y	FB	TF	194.79	16.19			
RW18R (AER)	325456.93N/0970316.71W	N	-	-	-	-			
1120 MSL		-	-	VA	180.25	-	AT/ABOVE 1120		CLIMB GRADIENT 500 FT/NM TO 1120

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NELYN		SIX		NELYN6.NELYN		FIVE		04/30/2015	<b>10 OCT 2019</b>
<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>
LARRN	324228.17N/0970315.36W	Y	FB	DF	-	-	AT/ABOVE 5000	AT/BELOW 240K	
WETUR	323246.92N/0970616.86W	Y	FB	TF	194.82	10.00	AT/ABOVE 10000		
NELYN	321705.86N/0971109.28W	Y	FB	TF	194.79	16.19			
<b>RW31L (AER)</b>	325324.97N/0970347.79W	N	-	-	-	-			
		-	-	VM	319.06	-			
NELYN	321705.86N/0971109.28W	Y	FB	DF	-	-			
<b>RW31R (AER)</b>	325341.93N/0970003.04W	N	-	-	-	-			
		-	-	VM	315.28	-			
NELYN	321705.86N/0971109.28W	Y	FB	DF	-	-			
<b>RW35C (AER)</b>	325243.96N/0970134.22W	N	-	-	-	-			
	325601.48N/0970133.13W	-	-	VI	000.27	3.29			CLIMB GRADIENT 500 FT/NM TO 1120
MECHL	330113.00N/0965951.00W	Y	FB	CF	015.44	5.38	AT/ABOVE 4000	AT/BELOW 240K	RECOMMENDED NAVAID: PGO VORTAC
BORDD	330049.61N/0965521.91W	Y	FB	TF	095.87	3.79	AT/ABOVE 6000		
JYMME	330033.00N/0965143.09W	Y	FB	TF	095.13	3.08	AT/ABOVE 7000		
OWLLS	325733.21N/0964719.77W	Y	FB	TF	128.99	4.75			
SKTRR	324521.79N/0964732.89W	Y	FB	TF	180.87	12.17			
NELYN	321705.86N/0971109.28W	Y	FB	TF	215.39	34.56			
<b>RW35L (AER)</b>	325244.02N/0970148.29W	N	-	-	-	-			

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NELYN		SIX		NELYN6.NELYN		FIVE		04/30/2015		10 OCT 2019	
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS		
	325600.92N/0970147.23W	-	-	VI	000.26	3.28			CLIMB GRADIENT 500 FT/NM TO 1120		
MECHL	330113.00N/0965951.00W	Y	FB	CF	017.42	5.44	AT/ABOVE 4000	AT/BELOW 240K	RECOMMENDED NAVAID: PGO VORTAC		
BORDD	330049.61N/0965521.91W	Y	FB	TF	095.87	3.79	AT/ABOVE 6000				
JYMME	330033.00N/0965143.09W	Y	FB	TF	095.13	3.08	AT/ABOVE 7000				
OWLLS	325733.21N/0964719.77W	Y	FB	TF	128.99	4.75					
SKTRR	324521.79N/0964732.89W	Y	FB	TF	180.87	12.17					
NELYN	321705.86N/0971109.28W	Y	FB	TF	215.39	34.56					
RW36L (AER)	325244.35N/0970317.40W	N	-	-	-	-					
	325601.86N/0970316.37W	-	-	VI	000.25	3.29			CLIMB GRADIENT 500 FT/NM TO 1120		
GVINE	330043.50N/0970453.56W	Y	FB	CF	343.79	4.88			RECOMMENDED NAVAID: PGO VORTAC		
KMART	330025.19N/0971002.47W	Y	FB	TF	266.00	4.34	AT/ABOVE 5500	AT/BELOW 240K			
MARSN	325959.38N/0971424.03W	Y	FB	TF	263.34	3.69					
KELLR	325708.70N/0971737.66W	Y	FB	TF	223.73	3.93					
MYGAL	324647.91N/0971704.53W	Y	FB	TF	177.42	10.34					
NELYN	321705.86N/0971109.28W	Y	FB	TF	170.39	30.06					
RW36R (AER)	325244.30N/0970303.33W	N	-	-	-	-					
	325602.41N/0970302.31W	-	-	VI	000.25	3.30			CLIMB GRADIENT 500 FT/NM TO 1120		
GVINE	330043.50N/0970453.56W	Y	FB	CF	341.56	4.93			RECOMMENDED NAVAID: PGO VORTAC		
KMART	330025.19N/0971002.47W	Y	FB	TF	266.00	4.34	AT/ABOVE 5500	AT/BELOW 240K			
MARSN	325959.38N/0971424.03W	Y	FB	TF	263.34	3.69					

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<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>
KELLR	325708.70N/0971737.66W	Y	FB	TF	223.73	3.93			
MYGAL	324647.91N/0971704.53W	Y	FB	TF	177.42	10.34			
NELYN	321705.86N/0971109.28W	Y	FB	TF	170.39	30.06			
NELYN	321705.86N/0971109.28W	Y	-	IF	-	-			NELYN6.ACT
ACT VORTAC	313944.39N/0971608.53W	Y	FB	TF	186.51	37.52			
NELYN	321705.86N/0971109.28W	Y	-	IF	-	-			NELYN6.HOARY
ACT VORTAC	313944.39N/0971608.53W	Y	FB	TF	186.51	37.52			
PRIZE	311534.28N/0972730.23W	Y	FB	TF	202.00	26.00			
HOARY	303437.88N/0974631.01W	Y	FB	TF	201.90	44.00			
NELYN	321705.86N/0971109.28W	Y	-	IF	-	-			NELYN6.SAT
ACT VORTAC	313944.39N/0971608.53W	Y	FB	TF	186.51	37.52			
PRIZE	311534.28N/0972730.23W	Y	FB	TF	202.00	26.00			
HOARY	303437.88N/0974631.01W	Y	FB	TF	201.90	44.00			
SAT VORTAC	293838.51N/0982740.73W	Y	FB	TF	212.76	66.29			

