

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DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
SNSET	THREE	SNSET3.SNSET	TWO	25 JUN 15	04 FEB 2016

TYPE: RNAV SID

DP ROUTE DESCRIPTION:

TAKEOFF RWY 13L: CLIMB HEADING 129.63 TO 1000, THEN HEADING 129.63 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 RAMBL AT OR ABOVE 10000, THEN ON TRACK 252.23 TO SNSET, THEN ON (TRANSITION). EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

TAKEOFF RWY 31L: CLIMB HEADING 309.63 TO 1000, THEN DIRECT TO CROSS NNOLN AT OR ABOVE 4000, AT OR BELOW 7000, THEN ON TRACK 243.94 TO CROSS ARILE AT OR ABOVE 5000, THENCE...

TAKEOFF RWY 31R: CLIMB HEADING 309.64 TO 1000, THEN DIRECT TO CROSS MEERZ AT OR ABOVE 4000, AT OR BELOW 7000, THEN ON TRACK 243.95 TO CROSS ARILE AT OR ABOVE 5000, THENCE...

...ON TRACK 173.74 TO CROSS XPRES AT OR BELOW 9000, THEN ON TRACK 173.74 TO CROSS RAMBL AT OR ABOVE 10000, THEN ON TRACK 252.23 TO SNSET, THEN ON (TRANSITION). MAINTAIN 10000. 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
ALIAN	SNSET3.ALIAN	SNSET	RBBIT	TRACK 266.81	24.35	10000	2500	
			FUMED	TRACK 264.84	24.91	10000	3100	
			ALIAN	TRACK 264.54	50.51	10000	3100	
BRHMA	SNSET3.BRHMA	SNSET	ROOOO	TRACK 280.50	25.34	10000	2800	
			RUFFS	TRACK 279.56	25.95	10000	2800	
			KATZZ	TRACK 279.33	71.35	10000	3000	
			BRHMA	TRACK 279.17	75.24	10000	4000	
CIKAN	SNSET3.CIKAN	SNSET	RBBIT	TRACK 266.81	24.35	10000	2500	
			LYNDE	TRACK 258.81	24.98	10000	3100	
			WSTEX	TRACK 258.56	56.37	10000	3100	
			CIKAN	TRACK 260.02	50.13	10000	4100	
DOSXX	SNSET3.DOSXX	SNSET	RBBIT	TRACK 266.81	24.35	10000	2500	
			LYNDE	TRACK 258.81	24.98	10000	3100	
			WSTEX	TRACK 258.56	56.37	10000	3100	
			DOSXX	TRACK 248.04	32.63	10000	3600	



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SNSET			THREE	SNSET3.SNSET	TWO			25 JUN 15	04 FEB 2016
HUDAD			SNSET3.HUDAD	SNSET	PGLET	TRACK 303.39	31.31	10000	
					MUTEE	TRACK 288.05	27.40	10000	3600
					HUDAD	TRACK 287.86	65.86	10000	3000
HULZE			SNSET3.HULZE	SNSET	TYGGR	TRACK 293.77	27.91	10000	2500
					DBLSS	TRACK 285.31	26.92	10000	3600
					HRPER	TRACK 285.18	69.24	10000	2900
					HULZE	TRACK 282.46	37.21	10000	3200
WSTEX			SNSET3.WSTEX	SNSET	RBBIT	TRACK 266.81	24.35	10000	2500
					LYNDE	TRACK 258.81	24.98	10000	3100
					WSTEX	TRACK 258.56	56.37	10000	3100

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: RNAV-CAPABLE PROPS: FILE AND EXPECT THE SWABR RNAV SID.

NOTE: ALIAN TRANSITION (SNSET3.ALIAN): ATC ASSIGNED ONLY.

NOTE: AIRCRAFT LANDING IN LUBBOCK TERMINAL AREA FILE THE BRHMA 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 1200.

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 BLDG 324648.00N/0964814.00W.



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RWY 13R: 1368 FT MSL BLDG 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: MEA/MOCA FROM RAMBL TO SNSET, 10000/2400.
CHART: TOP ALTITUDE RWY 13L/13R: 3000; RWY 31L/31R: 10000.

CHART SPEED ICON MAXIMUM SPEED 230 KIAS AT NNOLN.
CHART SPEED ICON MAXIMUM SPEED 230 KIAS AT MEERZ.
CHART SPEED ICON MAXIMUM SPEED 240 KIAS AT ARILE.

PILOT NAVIGATION AREA:

10NM ARC CENTERED ON RAMBL (IF), CW
FROM: POINT A (BEARING 207 DEGREES TO RAMBL)
TO: POINT B (BEARING 297 DEGREES TO RAMBL)
MINIMUM ALTITUDE – 10000

AIRPORTS SERVED:

DALLAS-LOVE FIELD DALLAS, TX

COMMUNICATIONS:

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

FIXES AND/OR NAVAIDS:



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SNSET	THREE	SNSET3.SNSET	TWO	25 JUN 15	04 FEB 2016

REMARKS:**REQUIRED EFFECTIVE DATE:**

ROUTINE

COORDINATED WITH:

ATA, ALPA, APA, AOPA, NBAA, ZFW ARTCC, REGIONAL APP CON, DAL ATCT, AMGR.

CHANGES:

1. TAKEOFF RWY 31L: REMOVED FLOWT AND MOVED NNOLN.
2. TAKEOFF RWY 31R: REMOVED FLOWT AND NNOLN AND ADDED MEERZ.
3. ALIAN TRANSITION: REMOVED HOOTT AND IAMUP AND ADDED RBBIT AND FUMED.
4. BRHMA TRANSITION: REMOVED SNUCK AND WUDIE AND ADDED ROOO AND RUFFS.
5. CIKAN TRANSITION: REMOVED HOOTT AND JAGID AND ADDED RBBIT AND LYNDE.
6. DOSXX TRANSITION: REMOVED HOOTT AND JAGID AND ADDED RBBIT AND LYNDE.
7. HUDAD TRANSITION: REMOVED EEORE AND BGLEE AND ADDED PGLET AND MUTE.
8. HULZE TRANSITION: REMOVED TYGGR AND WALIE AND ADDED TYGGR AND DBLSS.
9. WSTEX TRANSITION: REMOVED HOOTT AND JAGID AND ADDED RBBIT AND LYNDE.
10. REMOVED PROCEDURAL NOTE: WSTEX TRANSITION FOR AIRCRAFT INBOUND TO ABILENE AND SAN ANGELO TERMINAL AREA AIRPORTS ONLY.
11. REMOVED PROCEDURAL NOTE: RNAV-CAPABLE PROPS: WHEN DFW IS IN NORTH FLOW DEPARTING RWY 35/36, FILE AND EXPECT THE HOWIG RNAV DEPARTURE. WHEN DFW IS IN SOUTH FLOW DEPARTING RWY 17/18, FILE AND EXPECT THE SWABR RNAV DEPARTURE.
12. ADDED PROCEDURAL NOTE: RNAV-CAPABLE PROPS: FILE AND EXPECT THE SWABR RNAV SID.
13. REMOVED PROCEDURAL NOTE: RWY 31L: DO NOT EXCEED 210 KIAS UNTIL PASSING FLOWT. DO NOT EXCEED 240 KIAS UNTIL PASSING ARILE.
14. CHANGED PROCEDURAL NOTE FROM "AIRCRAFT INBOUND LUBBOCK TERMINAL AREA FILE THE BRHMA TRANSITION" TO "AIRCRAFT LANDING IN LUBBOCK TERMINAL AREA FILE THE BRHMA ENROUTE TRANSITION".
15. ADDED CHART SPEED ICON MAXIMUM SPEED 230 KIAS AT NNOLN, 230 KIAS AT MEERZ AND 240 KIAS AT ARILE.
16. CHANGED RWY 31L, 31R, CLIMB GRADIENT ALTITUDE FROM 1000 TO 1200.

REASONS:

- 1 – 14, 16. ATC REQUEST.
15. ATC REQUEST AND PER CRITERIA 8260.46E, PARA 2-1-1 E3(B).

6/19/2015: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 4/17/2015.

1. ALTITUDE RESTRICTION AT NNOLN AND MEERZ CHANGED FROM AT/ABOVE 4000 TO BLOCK ALTITUDE BETWEEN 4000 AND 7000.



DEPARTURE (DATA RECORD)

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SNSET		THREE		SNSET3.SNSET		TWO		25 JUN 15		04 FEB 2016	
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS		
RW13L (AER)*	325123.36N/0965121.21W*	N	-	-	-	-			*DISPL THLD (400 FT)		
1000 MSL		-	-	VA	135.63	-			CG 500 FT/NM TO 1200		
		-	-	VM	135.63	-					
RAMBL	324149.61N/0970218.26W	Y	FB	DF	-	-	AT/ABOVE 10000				
RW13R (AER)*	325101.28N/0965144.42W*	N	-	-	-	-			*DISPL THLD (490 FT)		
1000 MSL		-	-	VA	135.62	-			CG 500 FT/NM TO 1200		
		-	-	VM	135.62	-					
RAMBL	324149.61N/0970218.26W	Y	FB	DF	-	-	AT/ABOVE 10000				
RW31L (AER)	325002.51N/0965036.30W	N	-	-	-	-					
1000 MSL		-	-	VA	315.63	-			CG 500 FT/NM TO 1200		
NNOLN	325530.54N/0965655.15W	Y	FB	DF	-	-	4000B7000	AT/BELOW 230K			
ARILE	325349.73N/0970222.10W	Y	FB	TF	249.94	4.88	AT/ABOVE 5000	AT/BELOW 240K			
XPRES	324850.44N/0970220.50W	Y	FB	TF	179.74	4.98	AT/BELOW 9000				
RAMBL	324149.61N/0970218.26W	Y	FB	TF	179.74	7.00	AT/ABOVE 10000				
RW31R (AER)	325031.36N/0965020.95W	N	-	-	-	-					
1000 MSL		-	-	VA	315.64	-			CG 500 FT/NM TO 1200		
MEERZ	325541.73N/0965618.80W	Y	FB	DF	-	-	4000B7000	AT/BELOW 230K			
ARILE	325349.73N/0970222.10W	Y	FB	TF	249.95	5.43	AT/ABOVE 5000	AT/BELOW 240K			
XPRES	324850.44N/0970220.50W	Y	FB	TF	179.74	4.98	AT/BELOW 9000				
RAMBL	324149.61N/0970218.26W	Y	FB	TF	179.74	7.00	AT/ABOVE 10000				
RAMBL	324149.61N/0970218.26W	Y	-	IF	-	-					
SNSET	323932.38N/0971513.34W	Y	FB	TF	258.23	11.14					
SNSET	323932.38N/0971513.34W	Y	-	IF	-	-			SNSET3.ALIAN		
RBBIT	324040.95N/0974402.40W	Y	FB	TF	272.81	24.35					
FUMED	324059.54N/0981332.78W	Y	FB	TF	270.84	24.91					
ALIAN	324114.02N/0991323.24W	Y	FB	TF	270.54	50.51					

QUALITY
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DEPARTURE (DATA RECORD)

DP Name		Number		DP Computer Code			Superseded Number		Dated	Effective Date
SNSET		THREE		SNSET3.SNSET			TWO		25 JUN 15	04 FEB 2016
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS	
SNSET	323932.38N/0971513.34W	Y	-	IF	-	-			SNSET3.BRHMA	
ROOOO	324641.66N/0974402.22W	Y	FB	TF	286.50	25.34				
RUFFS	325336.50N/0981343.40W	Y	FB	TF	285.56	25.95				
KATZZ	331203.68N/0993543.82W	Y	FB	TF	285.33	71.35				
BRHMA	333117.03N/1010235.41W	Y	FB	TF	285.17	75.24				
SNSET	323932.38N/0971513.34W	Y	-	IF	-	-			SNSET3.CIKAN	
RBBIT	324040.95N/0974402.40W	Y	FB	TF	272.81	24.35				
LYNDE	323821.57N/0981329.77W	Y	FB	TF	264.81	24.98				
WSTEX	323242.98N/0991953.04W	Y	FB	TF	264.56	56.37				
CIKAN	322900.00N/1001900.00W	Y	FB	TF	266.02	50.13				
SNSET	323932.38N/0971513.34W	Y	-	IF	-	-			SNSET3.DOSXX	
RBBIT	324040.95N/0974402.40W	Y	FB	TF	272.81	24.35				
LYNDE	323821.57N/0981329.77W	Y	FB	TF	264.81	24.98				
WSTEX	323242.98N/0991953.04W	Y	FB	TF	264.56	56.37				
DOSXX	322338.17N/0995655.90W	Y	FB	TF	254.04	32.63				
SNSET	323932.38N/0971513.34W	Y	-	IF	-	-			SNSET3.HUDAD	
PGLET	325923.62N/0974359.79W	Y	FB	TF	309.39	31.31				
MUTEE	331031.45N/0981348.54W	Y	FB	TF	294.05	27.40				
HUDAD	333652.04N/0992555.62W	Y	FB	TF	293.86	65.86				
SNSET	323932.38N/0971513.34W	Y	-	IF	-	-			SNSET3.HULZE	
TYGGR	325322.14N/0974359.79W	Y	FB	TF	299.77	27.91				
DBLSS	330306.71N/0981350.16W	Y	FB	TF	291.31	26.92				
HRPER	332746.50N/0993100.93W	Y	FB	TF	291.18	69.24				
HULZE	333927.59N/1001318.11W	Y	FB	TF	288.46	37.21				
SNSET	323932.38N/0971513.34W	Y	-	IF	-	-			SNSET3.WSTEX	
RBBIT	324040.95N/0974402.40W	Y	FB	TF	272.81	24.35				

QUALITY

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CONTROLLED



DEPARTURE (DATA RECORD)

DP Name		Number	DP Computer Code			Superseded Number		Dated	Effective Date
SNSET		THREE	SNSET3.SNSET			TWO		25 JUN 15	04 FEB 2016
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
LYNDE	323821.57N/0981329.77W	Y	FB	TF	264.81	24.98			
WSTEX	323242.98N/0991953.04W	Y	FB	TF	264.56	56.37			