

<b>RNAV (RNP) - STANDARD, INSTRUMENT APPROACH PROCEDURE, TITLE 14 CFR PART 97.33</b>				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.								
<b>US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION</b>												
<b>TERMINAL ROUTES</b>				<b>MISSED APPROACH</b>								
FROM	TO	COURSE AND DISTANCE	ALTITUDE	RNP: DA  CLIMB TO 3000 DIRECT DATLE AND ON TRACK 111.89 TO DUMPY AND HOLD.  ADDITIONAL FLIGHT DATA: HOLD SE, RT, 298.00 INBOUND. CHART FAS OBST: 562 TOWER 325157N/0965159W CHART FAS OBST: 520 BLDG 325149N/0965141W DISTANCE TO THLD FROM 250 HAT: 0.66 NM. ROUTE TYPE: A, H ROUTE TYPE QUALIFIER 1: F ROUTE TYPE QUALIFIER 2: S #TCH 520.2 MSL ( DO NOT CHART) CHART MANDATORY 3000 AT WENOP. CHART MANDATORY 4000 AT NOKME.								
NOKME (IF)	WUPAG (TF) (FB) (RNP 1.00)	309.40 / 3.25	3300									
WUPAG	EBARE (RF) (FB) (RNP 0.90)	(2.97 NM RADIUS CCW (CFCBC))/1.85	3000									
EBARE	HEXOV (RF) (FB) (RNP 0.90)	(2.97 NM RADIUS CCW (CFCBB))/2.62	2100									
WENOP (IF)	HEXOV (TF) (FB) (RNP 1.00)	223.19 / 3.16	2100									
HEXOV	KUMTE (RF) (FB) (RNP 0.80)	(1.84 NM RADIUS CCW (CFBZQ))/1.65	1600									
(SEE FORM 8260-10)												
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. _____ 3. FAC: * _____ FAF: _____ DIST FAF TO MAP: _____ THLD: _____ 4. MIN. ALT: HEXOV 2100, KUMTE 1600 5. DIST TO THLD FROM OM: _____ 3.39 MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 1600 GS ALT AT: KUMTE 1600, CEGEP 1212 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: #40.2 AT DISPLACED THLD; 64.5 AT RUNWAY END. 34:1 IS CLEAR 8. MSA FROM: RW13L 3600												
				MAG VAR: 6E EPOCH YEAR: 1990								
<b>MINIMUMS</b>												
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A								
STANDARD				STANDARD								
CATEGORY =====>	A		B		C		D		E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
<b>AUTHORIZATION REQUIRED</b>												
RNP 0.11 DA	737	2400	250	737	2400	250	737	2400	250	737	2400	250
RNP 0.30 DA	821	3300	334	821	3300	334	821	3300	334	821	3300	334
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -4C (25F) OR ABOVE 54C (130F). CHART NOTE: RF REQUIRED. CHART NOTE: GPS REQUIRED. CHART PLANVIEW NOTE AT NOKME : MAX 230 KIAS. (SEE FORM 8260-10)												
CITY AND STATE		ELEVATION: 487 TDZE: 487		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:			SUP:			
DALLAS, TX		AIRPORT NAME: DALLAS LOVE FIELD				RNAV (RNP) W RWY 13L, ORIG 18 SEPTEMBER 2014			AMDT: NONE			
									DATED			

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
**RNAV (RNP) - STANDARD,  
 INSTRUMENT APPROACH PROCEDURE, - TITLE 14 CFR PART 97.33**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

**TERMINAL ROUTES, (CONT.):**

FROM	TO	COURSE AND DISTANCE	ALTITUDE
KUMTE (FAF)	*CEGEP (RF) (FB)	(1.66 NM RADIUS CCW (CFBZP))/1.22	
CEGEP	*RW13L (MAP) (TF) (FO)	129.61 / 2.17	
RWY 13L (MAP)	737 MSL (CA)	129.61	
737 MSL	DATLE (DF) (FB)		
DATLE	DUMPY (TF) (FO) (RNP1.00)	111.89 / 15.00	3000

**NOTES, (CONT.):**

CHART PLANVIEW NOTE AT WENOP : MAX 210 KIAS.

CHART PLANVIEW NOTE AT WUPAG : MAX 210 KIAS.

CHART PLANVIEW NOTE AT HEXOV : MAX 200 KIAS.

CHART PLANVIEW NOTE: RADAR REQUIRED.

CHART PLANVIEW NOTE AT NOKME: (RNP 0.80).

CHART PLANVIEW NOTE AT WENOP: (RNP 0.80).

CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE RNP 0.11 VISIBILITY ALL CATS TO RVR 4100 AND RNP 0.30

VISIBILITY ALL CATS TO RVR 5700.

**CITY AND STATE**  
 DALLAS, TX

**ELEVATION:** 487 **TDZE:** 487  
**AIRPORT NAME:**  
 DALLAS LOVE FIELD

**FACILITY IDENTIFIER:**  
 RNAV

**PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:**  
 RNAV (RNP) W RWY 13L, ORIG  
 18 SEPTEMBER 2014

**SUP:**  
**AMDT:** NONE  
**DATED:**

**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**RNAV (RNP) STANDARD INSTRUMENT APPROACH PROCEDURE**  
**FLIGHT STANDARDS SERVICES - FAR PART 97.33**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - RNAV (RNP)

WP	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAE	AENRT	DUMPY	K40	C	L	N32394390W096301892	E0035	NAR	DUMPY				

AIRPORT	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KDALK4ADAL	0	088YHN32504960W096510640E006000487	1800018000C	MNAR	DALLAS LOVE FIELD							

TRM WP	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KDALK4CCEGEP	K40	W	N32525676W096530950	E0037	NAR	CEGEP						
SUSAP	KDALK4CCFBZP	K40	A	N32540655W096514496	E0037	NAR	CNF (CFBZP)						
SUSAP	KDALK4CCFBZQ	K40	A	N32540700W096513224	E0037	NAR	CNF (CFBZQ)						
SUSAP	KDALK4CCFCBB	K40	A	N32531556W096503958	E0037	NAR	CNF (CFCBB)						
SUSAP	KDALK4CCFCBC	K40	A	N32531524W096503965	E0037	NAR	CNF (CFCBC)						
SUSAP	KDALK4CDATLE	K40	C	N32464663W096460099	E0036	NAR	DATLE						
SUSAP	KDALK4CEBARE	K40	W	N32561151W096500395	E0036	NAR	EBARE						
SUSAP	KDALK4CHEXOV	K40	W	N32553064W096525791	E0037	NAR	HEXOV						
SUSAP	KDALK4CKUMTE	K40	W	N32540242W096534315	E0037	NAR	KUMTE						
SUSAP	KDALK4CNOKME	K40	W	N32530182W096452617	E0036	NAR	NOKME						
SUSAP	KDALK4CWENOP	K40	W	N32573495W096500723	E0036	NAR	WENOP						
SUSAP	KDALK4CWUPAG	K40	W	N32552088W096480880	E0036	NAR	WUPAG						

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KDALK4FH13LW	ANOKME	010NOKMEK4PC0E	B	IF				04000	18000230		A-FS	
SUSAP	KDALK4FH13LW	ANOKME	020WUPAGK4PC0E		010TF				+ 03300	210		A-FS	
SUSAP	KDALK4FH13LW	ANOKME	030EBAREK4PC0E	L091RF		0029703094	27370019		+ 03000		CFCBC K4PCA	FS	
SUSAP	KDALK4FH13LW	ANOKME	040HEXOVK4PC0E	L091RF		0029702737	22320026		+ 02100	200	CFCBB K4PCA	-FS	
SUSAP	KDALK4FH13LW	ANOKME	050KUMTEK4PC0EE	L081RF		0018402232	17160017		+ 01600		CFBZQ K4PCA	FS	
SUSAP	KDALK4FH13LW	AWENOP	010WENOPK4PC0E	B	IF				03000	18000210		A-FS	
SUSAP	KDALK4FH13LW	AWENOP	020HEXOVK4PC0E		010TF				+ 02100	200		A-FS	
SUSAP	KDALK4FH13LW	AWENOP	030KUMTEK4PC0EE	L081RF		0018402232	17160017		+ 01600		CFBZQ K4PCA	FS	
SUSAP	KDALK4FH13LW	H	020KUMTEK4PC1E	F	IF				+ 01600	18000	RW13L K4PGA	FS	
SUSAP	KDALK4FH13LW	H	020KUMTEK4PC2W						A031A112			FS	
SUSAP	KDALK4FH13LW	H	021CEGEPK4PC0E	L031RF		0016601716	12960012				-300CFBZP K4PCA	FS	
SUSAP	KDALK4FH13LW	H	030RW13LK4PG0GY	M	031TF				00520		-300	A FS	
SUSAP	KDALK4FH13LW	H	040	0	M	CA	1296		+ 00737			A FS	
SUSAP	KDALK4FH13LW	H	050DATLEK4PC0E		DF							A FS	
SUSAP	KDALK4FH13LW	H	060DUMPYK4EA0EY		010TF				+ 03000			A FS	

QUALITY  
2  
CHECKED

CITY AND STATE <b>DALLAS, TX</b>	ELEVATION: <b>487</b>	TDZE: <b>487</b>	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME:			<b>RNAV (RNP) W RWY 13L, ORIG</b>	AMDT: <b>NONE</b>
	<b>DALLAS LOVE FIELD</b>	<b>RNAV</b>	<b>18 SEPTEMBER 2014</b>	DATED:	

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

A FS

SUSAP KDALK4GRW13L 0077521296 N32512336W096512120+0100 +0119600480040040150IIDAL1

SUSAP KDALK4SRW13LK4PG

0 18018003625

M

SUP:	
AMDT:	NONE
DATED:	

**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**RNAV (RNP) STANDARD INSTRUMENT APPROACH PROCEDURE**  
**FLIGHT STANDARDS SERVICES - FAR PART 97.33**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - RNAV (RNP)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	NOKME	NOKME	010		IF		FB				AT 04000	AB 230
	NOKME	WUPAG	020		TF		FB	1.0			AA 03300	AB 210
	NOKME	EBARE	030		RF	L	FB	0.9		001.9	AA 03000	
	NOKME	HEXOV	040		RF	L	FB	0.9		002.6	AA 02100	AB 200
	NOKME	KUMTE	050		RF	L	FB	0.8		001.7	AA 01600	
	WENOP	WENOP	010		IF		FB				AT 03000	AB 210
	WENOP	HEXOV	020		TF		FB	1.0			AA 02100	AB 200
	WENOP	KUMTE	030		RF	L	FB	0.8		001.7	AA 01600	
		KUMTE	020	FAF	IF		FB				AA 01600	
		CEGEP	021		RF	L	FB	0.3		001.2		
		RW13L	030	MAP	TF		FO	0.3			AT 00520	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		129.6 (135.6T)		AA 00737	
	DATLE	050		DF		FB					
	DUMPY	060		TF		FO	1.0			AA 03000	
	DUMPY	070		HM	R	FO		298.0 (304.0T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DUMPY	N323943.90	W0963018.92	N3239.732	W09630.315
	CEGEP	N325256.76	W0965309.50	N3252.946	W09653.158
	CFBZP	N325406.55	W0965144.96	N3254.109	W09651.749
	CFBZQ	N325407.00	W0965132.24	N3254.117	W09651.537
	CFCBB	N325315.56	W0965039.58	N3253.259	W09650.660
	CFCBC	N325315.24	W0965039.65	N3253.254	W09650.661
	DATLE	N324646.63	W0964600.99	N3246.777	W09646.017
	EBARE	N325611.51	W0965003.95	N3256.192	W09650.066
	HEXOV	N325530.64	W0965257.91	N3255.511	W09652.965
	KUMTE	N325402.42	W0965343.15	N3254.040	W09653.719
	NOKME	N325301.82	W0964526.17	N3253.030	W09645.436
	WENOP	N325734.95	W0965007.23	N3257.583	W09650.121
	WUPAG	N325520.88	W0964808.80	N3255.348	W09648.147
	RW13L	N325123.36	W0965121.20	N3251.389	W09651.353

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW13L	00480		40

CITY AND STATE <b>DALLAS, TX</b>	ELEVATION: <b>487</b>	TDZE: <b>487</b>	FACILITY IDENTIFIER: <b>RNAV</b>	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: <b>RNAV (RNP) W RWY 13L, ORIG</b> <b>18 SEPTEMBER 2014</b>	SUP:
	AIRPORT NAME: <b>DALLAS LOVE FIELD</b>				AMDT: <b>NONE</b>
					DATED: