

<b>RNAV - 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>TERMINAL ROUTES</b>								<b>MISSED APPROACH</b>								
FROM		TO		COURSE AND DISTANCE		ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW31R  CLIMBING RIGHT TURN TO 5000 DIRECT FINGER AND HOLD.  ADDITIONAL FLIGHT DATA: HOLD NE, LT, 226.00 INBOUND. CHART FAS OBST: 763 BLDG 324852N/0964805W CHART FAS OBST: 707 TANK 324932N/0964906W CHART 1194 BLDG 324717N/0964748W. CHART LOC RWY 31L. DISTANCE TO THLD FROM 200 HATH: 0.47 NM. CHART VDP AT 1.52 MILES TO RW31R* *LNAV ONLY. WAAS CHANNEL # 87123 REFERENCE PATH ID: W31B LTP HAE: 121.8 M								
ORVLL		GEVME (FB)		309.23 / 15.56		3000										
YEAGR		GEVME (FB)		279.90 / 13.43		3000										
GEVME (IAF)		FACIA (FB)		309.67 / 5.00		2500										
FACIA (IF)		DATLE (FB)		309.77 / 8.07		2200										
DATLE (FAF)		FELEB/2.60 NM TO RW31R (FB)		309.69 / 2.63												
FELEB/2.60 NM TO RW31R (SEE FORM 8260-10)		RW31R (MAP) (FO)		309.67 / 2.60												
1. PT <u>      </u> SIDE OF COURSE <u>      </u> OUTBOUND <u>      </u> FT WITHIN <u>      </u> MILES OF <u>      </u> (IAF) 2. PROFILE STARTS AT FACIA 3. FAC: <u>309.69</u> FAF: <u>DATLE</u> DIST FAF TO MAP: <u>5.23</u> THLD: <u>5.23</u> 4. MIN. ALT: FACIA 2500, DATLE 2200, FELEB/2.60 NM TO RW31R 1340* 5. DIST TO THLD FROM OM: <u>      </u> MM: <u>      </u> IM: <u>      </u> 150 HAT: <u>      </u> 100 HAT: <u>      </u> GS ANT: <u>      </u> 6. MIN GS INCPT: <u>2200</u> GS ALT AT: <u>DATLE 2200</u> OM: <u>      </u> MM: <u>      </u> IM: <u>      </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>49.2</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW31R 3600</u>								MAG VAR: 6E EPOCH YEAR: 1990								
<b>MINIMUMS</b>																
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: N A		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	DH/MDA	VIS	HAT/HAA	
LPV DA	687	2400	200	687	2400	200	687	2400	200	687	2400	200				
LNAV/VNAV DA	1031	1 3/8	544	1031	1 3/8	544	1031	1 3/8	544	1031	1 3/8	544				
LNAV MDA	1020	2400	533	1020	2400	533	1020	5500	533	1020	5500	533				
CIRCLING	1020	1	533	1020	1	533	1020	1 1/2	533	1160	2 1/4	673				
NOTES: CHART NOTE: CIRCLING TO RWY 18-36 NA AT NIGHT. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 40C (104F). CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 31L. CHART NOTE: DME/DME RNP-0.3 NA. (SEE FORM 8260-10)																
CITY AND STATE DALLAS, TX		ELEVATION: 487 THRE: 487 AIRPORT NAME: DALLAS LOVE FIELD		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31R, AMDT 1A 28 JUNE 2012				SUP: AMDT: 1 DATED 10/20/2011						



## RNAV - 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
RW31R (MAP)	687 MSL	309.67	
687 MSL	FINGR (FO)		5000

## NOTES, (CONT.):

CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.

CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS.



CITY AND STATE

DALLAS, TX

ELEVATION: 487

THRE: 487

AIRPORT NAME:

DALLAS LOVE FIELD

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 31R, AMDT 1A

28 JUNE 2012

SUP:

AMDT: 1

DATED: 10/20/2011

RNAV STANDARD INSTRUMENT APPROACH PROCEDURE  
FLIGHT STANDARDS SERVICE - 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.

FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDAL
RUNWAY	RW31R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W31B
LTP/FTP LATITUDE	325031.3545N
LTP/FTP LONGITUDE	0965020.9470W
LTP/FTP ELLIPSOIDAL HEIGHT	+01218
FPAP LATITUDE	325135.1800N
FPAP LONGITUDE	0965134.8900W
THRESHOLD CROSSING HEIGHT (TCH)	00049.2
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0384
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER

DC4DE30D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+01483
FPAP ORTHOMETRIC HEIGHT	+01483

QUALITY  
9  
CHECKED

CITY AND STATE DALLAS, TX	ELEVATION: 487      THRE: 487 AIRPORT NAME: DALLAS LOVE FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31R, AMDT 1A 28 JUNE 2012	SUP:
				AMDT: 1
				DATED: 10/20/2011

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.

[illegible][illegible][illegible][illegible][illegible]

CITY AND STATE <b>DALLAS, TX</b>	ELEVATION: <b>487</b> THRE: <b>487</b> AIRPORT NAME: <b>DALLAS LOVE FIELD</b>	FACILITY IDENTIFIER:  <b>RNAV</b>	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: <b>RNAV (GPS) RWY 31R, AMDT 1A</b>  28 JUNE 2012	SUP:
				AMDT: <b>1</b>
				DATED: <b>10/20/2011</b>

Page 4 of 6 Pages

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.

[illegible]

QUALITY  
9  
CHECKED

CITY AND STATE <b>DALLAS, TX</b>	ELEVATION: <b>487</b>	THRE: <b>487</b>	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: <b>DALLAS LOVE FIELD</b>			<b>RNAV (GPS) RWY 31R, AMDT 1A</b>	AMDT: <b>1</b>
			<b>RNAV</b>	<b>28 JUNE 2012</b>	DATED: <b>10/20/2011</b>

**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**RNAV (GPS) 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 (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	ORVLL	ORVLL	010		IF		FB					
	ORVLL	GEVME	020	IAF	TF		FB	2.0	309.2 (315.2T)	015.6	AA 03000	
	ORVLL	FACIA	030		TF		FB	1.0	309.7 (315.7T)	005.0	AA 02500	
	YEAGR	YEAGR	010		IF		FB					
	YEAGR	GEVME	020	IAF	TF		FB	2.0	279.9 (285.9T)	013.4	AA 03000	
	YEAGR	FACIA	030		TF		FB	1.0	309.7 (315.7T)	005.0	AA 02500	
		FACIA	010	FACF	IF		FB				AA 02500	
		DATLE	020	FAF	TF		FB	0.5	309.8 (315.8T)	008.1	AA 02200	
		FELEB	021	SDF	TF		FB	0.3	309.7 (315.7T)	002.6	AA 01340	GS 01364
		RW31R	030	MAP	TF		FO	0.3	309.7 (315.7T)	002.6	AT 00536	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		309.7 (315.7T)		AA 00687	
	FINGR	050		DF	R	FO				AA 05000	
	FINGR	060		HM	L	FO		226.0 (232.0T)	005.0	AA 05000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DATLE	N324646.63	W0964600.99	N3246.777	W09646.017
	FACIA	N324059.01	W0963920.18	N3240.984	W09639.336
	FELEB	N324839.56	W0964811.56	N3248.659	W09648.193
	FINGR	N331547.65	W0962001.79	N3315.794	W09620.030
	GEVME	N323724.04	W0963511.75	N3237.401	W09635.196
	ORVLL	N322620.57	W0962213.31	N3226.343	W09622.222
	YEAGR	N323343.76	W0961954.28	N3233.729	W09619.905
	RW31R	N325031.35	W0965020.95	N3250.523	W09650.349

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW31R	00487	49

QUALITY  
CHECKED

CITY AND STATE <b>DALLAS, TX</b>	ELEVATION: <b>487</b>	THRE: <b>487</b>	FACILITY IDENTIFIER: <b>RNAV</b>	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: <b>RNAV (GPS) RWY 31R, AMDT 1A</b> <b>28 JUNE 2012</b>	SUP:
	AIRPORT NAME: <b>DALLAS LOVE FIELD</b>				AMDT: <b>1</b>
					DATED: <b>10/20/2011</b>