

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

Bearings, headings, courses, tracks 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 feet RVR.

<u>AIRPORT</u> DALLAS LOVE FIELD	<u>AIRPORT ID</u> KDAL	<u>PROCEDURE NAME</u> RNAV (GPS) Y RWY 31R	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> DALLAS	<u>STATE</u> TX
<u>AIRPORT ELEVATION</u> 487	<u>TDZE</u> 487	<u>SUPERSEDED</u> RNAV (GPS) Y RWY 31R	<u>ORIGINAL/AMENDMENT</u> 2A	<u>DATED</u> 10/12/2017	<u>MAG VAR</u> 3E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 13 SEPTEMBER 2018	<u>REQUIRED EFFECTIVE DATE</u> 09/13/2018	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2020

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
ORVLL		GEVME		TF	FB	2.00	312.23	15.56	3000
YEAGR		GEVME		TF	FB	2.00	282.90	13.43	3000
GEVME	IAF	FACIA		TF	FB	1.00	312.72	4.97	2500
FACIA	IF	DATLE		TF	FB	1.00	312.74	8.12	2200
DATLE	FAF	BOKLE/2.60 NM TO RW31R		TF	FB	0.30	312.68	2.61	
BOKLE/2.60 NM TO RW31R		RW31R	MAP	TF	FO	0.30	312.68	2.60	
RW31R	MAP	1000 MSL		CA			312.68		1000
1000 MSL		FINGR		DF	FO	1.00			5000

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW31R

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 5000 DIRECT FINGR AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. PROFILE STARTS AT FACIA

3. FAC: 312.68 FAF: DATLE DIST FAF TO MAP: 5.21 DIST FAF TO THLD: 5.21

4. MIN ALT: FACIA 2500, DATLE 2200, BOKLE/2.60 NM TO RW31R 1360*

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 200 HAT: 0.46 GS ANT:

6. MIN GP INCPT: 2200 GP ALT AT FAF : DATLE 2200 OM: MM: IM:

7. GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 55.0

8. MSA FROM: RW31R 3600

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -6C OR ABOVE 54C.
CHART PROFILE NOTE: VGSi AND RNAV GLIDEPATH NOT COINCIDENT (VGSi ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.
CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV VISIBILITY CAT C/D TO 1 3/8 SM.
CHART NOTE: **RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART VDP AT 1.33 NM TO RW31R*
*LNAV ONLY
WAAS CHANNEL #87123
REFERENCE PATH ID: W31B
CHART FAS OBST: 707 TANK 324932N/0964906W.
CHART: 769 BUILDING 324852N/0964805W.
HOLD NE, LT, 226.00 INBOUND
LTP HAE: 121.8 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD - CAT D 1100-3

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA**	687	2400	200	687	2400	200	687	2400	200	687	2400	200			
LNAV/VNAV DA	873	3500	386	873	3500	386	873	3500	386	873	3500	386			
LNAV MDA	960	2400	473	960	2400	473	960	5000	473	960	5000	473			
CIRCLING	1080	1	593	1140	1	653	1220	2	733	1520	3	1033			



CHANGES - REASONS

- 1. REMOVED NOTE CIRCLING NA TO RWY 18 AND 36. - RUNWAY REMOVED.
- 2. DIST FAF TO MAP/THLD CHANGED FROM 5.23 TO 5.21. - FAF MOVED 112 FT NORTHWEST.
- 3. DISTANCE FROM FACIA TO DATLE CHANGED FROM 8.10 TO 8.12. - FAF MOVED 112 FT NORTHWEST.
- 4. DISTANCE FROM DATLE TO BOKLE CHANGED FROM 2.63 TO 2.61. - FAF MOVED 112 FT NORTHWEST.
- 5. TCH VALUE CHANGED FROM 49.2 TO 55.0. - UTILIZED ADJUSTED I-OVW TCH VALUE.
- 6. AVERAGE COLD TEMP VALUE CHANGED FROM -5C TO -6C. - UTILIZED UPDATED 5-YEAR WEATHER AVERAGE.
- 7. ADDED PBN EQUIPMENT REQUIREMENT NOTE: RNP APCH. - IAW 8260.58A CHNG 1 TABLE 1-2-1.
- 8. REMOVED DME/DME RNP -0.3 NA NOTE. - NOTE NO LONGER REQUIRED.
- 9. LNAV/VNAV ALL CATS VISIBILITY CHANGED FROM RVR 5000 TO RVR 3500. - VISIBILITIES UPDATED IAW AFS APPROVED VISI TOOL.
- 10. LNAV CAT C/D VISIBILITY CHANGED FROM RVR 5500 TO RVR 5000. - VISIBILITIES UPDATED IAW AFS APPROVED VISI TOOL .
- 11. VDP CHANGED FROM 1.51 NM TO 1.33 NM. - UPDATED FAF LOCATION AND TCH VALUE UTILIZED.
- 12. LOWERED LNAV MDA/HAT ALL CATS FROM 1020/533 TO 960/473. - 7:1 OPTION UTILIZED, NEW CONTROLLING OBSTRUCTION IDENTIFIED.
- 13. LNAV/VNAV ALL CATS DA/HAT CHANGED FROM 915/428 TO 873/386. - NEW CONTROLLING OBSTRUCTION IDENTIFIED.



COORDINATED WITH:

A4A

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ALPA

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AOPA

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APA

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HAI

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NBAA

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OTHER:

ZFW, REGIONAL APP CON, DAL ATCT, DFW ATCT, AMGR

FLIGHT CHECKED BY

PENDING

Digitally signed by

DONALD H LANIER

Jul 16, 2018

OFFICE

FICO

DATE

DEVELOPED BY

NICHOLAS K. JACKSON

Digitally signed by

NICHOLAS JACKSON

Jun 28, 2018

OFFICE

AJV-5431

DATE

05/14/2018

APPROVED BY

PATRICK MULQUEEN

Digitally signed by

DONALD H LANIER

Jul 16, 2018

OFFICE

AJV-5430

DATE

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDAL
RUNWAY	RW31R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W31B
LTP/FTP LATITUDE	325031.3555N
LTP/FTP LONGITUDE	0965020.9465W
LTP/FTP ELLIPSOIDAL HEIGHT	+01218
FPAP LATITUDE	325135.1775N
FPAP LONGITUDE	0965134.9015W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
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	BFF1C1C0
ADDITIONAL PATH POINT RECORD INFORMATION	
ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+01484
FPAP ORTHOMETRIC HEIGHT	+01484

