

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) Z RWY 13L	<u>ORIGINAL/AMENDMENT</u> 4	<u>CITY</u> DALLAS	<u>STATE</u> TX
<u>AIRPORT ELEVATION</u> 487	<u>TDZE</u> 485	<u>SUPERSEDED</u> RNAV (GPS) Z RWY 13L	<u>ORIGINAL/AMENDMENT</u> 3B	<u>DATED</u> 09/13/2018	<u>MAG VAR</u> 3E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 15 AUGUST 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<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>
WADES	IF	NNATE		TF	FB	1.00	132.53	8.73	1900
NNATE	FAF	TSKED/1.40 NM TO RW13L		TF	FB	0.30	132.60	2.89	
TSKED/1.40 NM TO RW13L		RW13L	MAP	TF	FO	0.30	132.60	1.40	
RW13L	MAP	1000 MSL		CA			132.60		1000
1000 MSL		SOLDO		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW13L

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 3000 DIRECT SOLDO AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. PROFILE STARTS AT WADES

3. FAC:

132.60

FAF:

NNATE

DIST FAF TO MAP:

4.29

DIST FAF TO THLD:

4.29

4. MIN ALT: WADES 2500, NNATE 1900, TSKED/1.40 NM TO RW13L 980*

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

200 HAT:

0.47

GS ANT:

6. MIN GP INCPT:

1900

GP ALT AT FAF :

NNATE 1900

OM:

MM:

IM:

7. GP ANGLE:

3.00

34:1:

IS CLEAR

20:1:

IS CLEAR

TCH:

55.0

8. MSA FROM: RW13L 3600

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
CHART NOTE: USE OF FD OR AP REQUIRED DURING SIMULTANEOUS OPERATIONS.
CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -6°C OR ABOVE 54°C.
*LNAV ONLY
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 4500 AND LNAV CATS C/D VISIBILITY TO RVR 5500.

ADDITIONAL FLIGHT DATA:

CHART KDFW IN PLAN AND PROFILE VIEWS.
CHART CIRCLING ICON.
WAAS CHANNEL #99723
REFERENCE PATH ID: W13B
CHART FAS OBST: 588 BUILDING 325142N/0965058W.
CHART: 666 TRANSMISSION LINE 325440N/0965441W.
HOLD W, RT, 084.00 INBOUND
LTP HAE: 119.5 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	685	1800	200	685	1800	200	685	1800	200	685	1800	200			
LNAV/VNAV DA	764	2400	279	764	2400	279	764	2400	279	764	2400	279			
LNAV MDA	840	2400	355	840	2400	355	840	3000	355	840	3000	355			
CIRCLING	1000	1	513	1140	1	653	1220	2	733	1520	3	1033			



CHANGES - REASONS

1. CHANGED PFAF NAME FROM NITER TO NNATE PER FPT REQUEST, AND MOVED PFAF 271.67 FEET SOUTHEAST TO NEW LOCATION BASED ON DESIGN TCH 55.0 FT FOR ILS.
2. CHANGED TERMINAL ROUTE FROM WADES (IF) TO NNATE (PFAF) DISTANCE FROM 8.69 NM TO 8.73 NM.
3. ADDED LNAV STEPDOWN FIX (TSKED) FOR LOWER LNAV MDA; CHANGED LNAV MDA 920/HAT 435 TO MDA 840/HAT 355.
4. CHANGED MISSED APPROACH FROM "CLIMB TO 3000 DIRECT DATLE AND ON TRACK 114.89 TO DUMPY AND HOLD" TO "CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 3000 DIRECT SOLDO AND HOLD" TO NEGATE MISSED APPROACH ADJUSTMENT, LOWER LNAV MDA, AND TO MATCH THE ILS SIAPS TO RWY 13L.
5. CHANGED DIST FAF TO MAP AND DIST FAF TO THLD FROM 4.33 TO 4.29.
6. ADDED CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 4500 AND LNAV CATS C/D VISIBILITY TO RVR 5500 PER 8260.3D VISIBILITY TABLE VALUES.
7. IN ADDITIONAL FLIGHT DATA, ADDED "CHART KDFW IN PLAN AND PROFILE VIEWS" TO MATCH OTHER SIAPS TO RWY 13L.
8. IN ADDITIONAL FLIGHT DATA, ADDED CHART: 666 T-L LINE 325440N/0965441W; 8260.3D 2-9-10 (7:1) APPLIED AT FAF.
9. LNAV/VNAV DA RAISED FROM DA 761/HAT 276 TO DA 764/HAT 279 DUE TO NEW MISSED APPROACH PENETRATION.
10. IN FAS DATA, CHANGED TCH FROM 00040.3 TO 00055.0, AND CRC REMAINDER FROM 0A2A0D49 TO 0B915039.
11. CHANGED "CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATION" TO "CHART NOTE: USE OF FD OR AP REQUIRED DURING SIMULTANEOUS OPERATIONS" PER 8260.19H 8-6-11.
12. CHANGED CAT A CMDA/HAA FROM 1080/593 TO 1000/513, REMOVING XP80 ADJUSTMENT.
13. REMOVED VDP - WITHIN 0.5 MILES OF STEPDOWN FIX.

COORDINATED WITH:

A4A☒ALPA☒AOPA☒APA☒HAI☐NBAA☒OTHER: ZFW, REGIONAL APP CON, DAL ATCT, DFW ATCT, AMGR

FLIGHT CHECKED BY

THOMAS CONKLIN

Digitally signed by

CASIMIR L TABAKA

Jun 04, 2019

OFFICE

FICO

DATE

5/23/19

DEVELOPED BY

STEVEN M. BARNETT

Digitally signed by

STEVEN M BARNETT

Mar 20, 2019

OFFICE

AJV-A422

DATE

01/25/2019

APPROVED BY

JULIE MORGAN

Digitally signed by

CASIMIR L TABAKA

Apr 09, 2019

OFFICE

AJV-A42

DATE

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDAL
RUNWAY	RW13L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Z
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W13B
LTP/FTP LATITUDE	325123.3565N
LTP/FTP LONGITUDE	0965121.2035W
LTP/FTP ELLIPSOIDAL HEIGHT	+01195
FPAP LATITUDE	325019.5335N
FPAP LONGITUDE	0965007.2525W
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	0512
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	0B915039

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+01462
FPAP ORTHOMETRIC HEIGHT	+01462

