

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 ID</u> RBD	<u>PROCEDURE NAME</u> RNAV (GPS) Y RWY 13	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> DALLAS	<u>STATE</u> TX
<u>AIRPORT ELEVATION</u> 661	<u>TDZE</u> 657	<u>SUPERSEDED</u> RNAV (GPS) RWY 13	<u>DATED</u> 02/23/2023	<u>MAG VAR</u> 6E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 1990
				<u>CANCEL/SUSPEND</u>

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>
JNNGO	IAF	BOHBA		TF	FB	1.00	074.60	5.05	2100
BOHBA	IF	KCBRA		TF	FB	1.00	100.01	3.53	1700
KCBRA	FAF	RW13	MAP	TF	FO	0.30	129.06	3.15	
RW13	MAP	1200 MSL		CA			129.06		1200
1200 MSL		FIKTI		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LP: RW13
LNAV: RW13

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1200 THEN CLIMBING RIGHT TURN TO 3000 DIRECT FIKTI AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. PROFILE STARTS AT BOHBA					
3. FAC: 129.06	FAF: KCBRA		DIST FAF TO MAP: 3.15	DIST FAF TO THLD: 3.15	
4. MIN ALT: BOHBA 2100, KCBRA 1700					
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	GS ANT:	
6. MIN GP INCPT:	GP ALT AT FAF:			OM:	MM: IM:
7. GP ANGLE:	34:1 IS NOT CLEAR	20:1 IS CLEAR	TCH:		
8. MSA FROM: RW13 3600					



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 13 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

ADDITIONAL FLIGHT DATA:

KCBRA TO RW13: 3.00/40.
HOLD S, RT, 354.00 INBOUND.
CHART FAS OBST: 809 TREE 324200N/0965506W, 789 TREE 324215N/0965503W.
CHART 827 ELECTRICAL_SYSTEM (48-059833) 324313N/0965502W.
CHART VDP AT 1.08 NM TO RW13.
WAAS CHANNEL # 78444
REFERENCE PATH ID: W13A
CHART CIRCLING ICON.
LTP HAE: 173.3 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/4, NA WHEN LOCAL WEATHER NOT AVAILABLE.

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
LP MDA	1040	1	383	1040	1	383	1040	1 1/8	383	1040	1 1/8	383			
LNAV MDA	1060	1	403	1060	1	403	1060	1 1/8	403	1060	1 1/8	403			
CIRCLING	1160	1	499	1220	1	559	1340	2	679	1400	2 1/4	739			

CHANGES - REASONS

1. TERMINAL ROUTES: CHANGED FETTT TO KCBRA – ATC REQUEST.
2. TERMINAL ROUTES: CHANGED MISSED APPROACH CLIMB TO ALTITUDE FROM 1100 MSL TO 1200 MSL – ATC REQUEST.
3. PROFILE LINE 3: CHANGED FETTT TO KCBRA – ATC REQUEST.
4. PROFILE LINE 4: CHANGED FETTT TO KCBRA – ATC REQUEST.
5. ADDITIONAL FLIGHT DATA: CHANGED CHART FAS OBST FROM “826 TOWER (48-005335) 324112N/0965335W, 753 ELECTRICAL_SYSTEM (48-073337) 324220N/0965341W.” TO “809 TREE 324200N/0965506W, 789 TREE 324215N/0965503W.” – IAW 8260.19J
6. ADDITIONAL FLIGHT DATA: CHANGED “CHART VDP AT 0.96 NM TO RW13.” TO “CHART VDP AT 1.08 NM TO RW13.” – NEW TARGETS EVAL.
7. ADDITIONAL FLIGHT DATA: CHANGED "FETTT TO RW13: 3.00/40" TO "KCBRA TO RW13: 3.00/40" - NAME CHANGE PER ATC.
8. MINIMA: INCREASED LP MDA FROM 1020 TO 1040 – NEW TARGETS EVAL.
9. MINIMA: INCREASED LP CAT C/D VISIBILITY FROM 1 TO 1 1/8 – NEW TARGETS EVAL.
10. MINIMA: INCREASED CIRCLING CAT C VISIBILITY FROM 1 3/4 TO 2 – NEW TARGETS EVAL.
11. PROCEDURE NAME: CHANGED FROM "RNAV (GPS) RWY 13" TO "RNAV (GPS) Y RWY 13" - ATC REQUEST.
12. FAS DATA BLOCK INFORMATION: UPDATED CRC REMAINDER FROM "CBDB2065" TO "DB98EA7F" - ROUTE INDICATOR "Y" ADDED.



COORDINATED WITH:

A4A

☐

ALPA

☒

AOPA

☒

APA

☐

HAI

☐

NBAA

☒

OTHER: D10, ARPT MNGR

FLIGHT CHECKED BY
BRIAN HARRELSON

Digitally signed by
CASIMIR L TABAKA
Mar 07, 2025

OFFICE
AJF
DATE
03/06/2025

DEVELOPED BY
DEVON KERCHER

Digitally signed by
CASIMIR L TABAKA
Mar 07, 2025

OFFICE
AJV-A431
DATE
10/18/2024

APPROVED BY
ERIC N SUSKI

Digitally signed by
CASIMIR L TABAKA
Mar 07, 2025

OFFICE
AJV-A431
DATE
06/12/2025
TITLE
MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD
OPERATION TYPE
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

DATA
0
0
KRBD
RW13
0
Y
0
W13A
324111.5530N
0965231.8490W
+01733
324008.3310N
0965117.3170W
00040.0
F
03.00
106.75
0904
40.0
00.0

CRC REMAINDER
DB98EA7F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K4
+02000
+02000



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD**

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
RBD	RNAV (GPS) Y RWY 13	1	DALLAS	TX	661	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM JNNGO **TO** BOHBA

RNP 1.00 **DISTANCE** 5.05 **PAT** **MAP** **HAT** **HMAS**

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (48-009526)	324420.10N/0970529.76W	1027	20	10	1B	1000					2100
TERRAIN	324306.00N/0970500.00W	649 (600)								AS1500	2100

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:

INTERMEDIATE

FROM BOHBA **TO** KCBRA

RNP 1.00 **DISTANCE** 3.53 **PAT** **MAP** **HAT** **HMAS**

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	324342.00N/0965524.00W	876	215	8	4B	500					1400
TERRAIN	324339.00N/0965524.00W	675 (700)								AS1000	1700

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:

QUALITY
10
CHECKED

FINAL: LP

FROM

KCBRA

TO

RW13

<u>RNP</u> 0.30	<u>DISTANCE</u> 3.15	<u>PAT</u>	<u>MAP</u> RW13	<u>HAT</u> 383	<u>HMAS</u>						
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TREE	324215.00N/0965503.00W	789	215	8	4B	250					1040

COMPUTATIONS

ALTKIASKTASHAAVKTWTRBADTACOURSE CHANGEDVEBVEB OCSRF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM

KCBRA

TO

RW13

<u>RNP</u> 0.30	<u>DISTANCE</u> 3.15	<u>PAT</u>	<u>MAP</u> RW13	<u>HAT</u> 403	<u>HMAS</u>						
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TREE	324200.00N/0965506.00W	809	215	8	4B	250					1060

COMPUTATIONS

ALTKIASKTASHAAVKTWTRBADTACOURSE CHANGEDVEBVEB OCSRF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH: LP

FROM

RW13

TO

FIKTI

RNP 0.30-1.00	DISTANCE	PAT	MAP			HAT	HMAS 940				
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
TOWER (48-000442)	323817.76N/0965154.08W	1024	20	3	1A	1000					2100
TERRAIN	323912.00N/0965306.00W	715 (700)								AS1500	2200

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LNAV

FROM

RW13

TO

FIKTI

RNP 0.30-1.00	DISTANCE	PAT	MAP			HAT	HMAS 960				
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
TOWER (48-000442)	323817.76N/0965154.08W	1024	20	3	1A	1000					2100
TERRAIN	323912.00N/0965306.00W	715 (700)								AS1500	2200

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



AIRPORT ID

RBD

PROCEDURE NAME

RNAV (GPS) Y RWY 13

AMDT NO.

1

CITY

DALLAS

STATE

TX

AIRPORT ELEVATION

661

FACILITY

RNAV

CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☒ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
POLE (48-030048)	323919.20N/0965230.13W	1.30	499	848	20	3	1A	300			1160
CATEGORY B											
TANK (48-001394)	324033.00N/0965429.00W	1.83	559	906	50	20	2C	300			1220
CATEGORY C											
TOWER (48-000442)	323817.76N/0965154.08W	2.87	679	1024	20	3	1A	300			1340
CATEGORY D											
TOWER (48-002893)	324428.40N/0965343.00W	3.75	739	1049	500	50	5D	300		XP51	1400

CIRCLING REMARKS:
MAINTAIN CURRENT MINIMUMS.

MSA

CENTER
RW13

RADIUS
25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (48-008489)	323502.67N/0965748.75W	210	7.6	2549	50	20	2C	1000			3600

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

DFW FSS, DFW TRACON, RBD TOWER, ZFW ARTCC

<u>WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>WMSCR</u>	<u>ADJUSTMENTS</u>
ASOS	RBD	24	RBD	0	Y	0
<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>WMSCR</u>	<u>ADJUSTMENTS</u>
ASOS	DAL	24	DAL	10.02	Y	48

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
RBD 661, DAL 487
RA = 47.1

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>	
RW13 - REIL, MIRL (PCL), PAPI-4L (PCL)	NPI-G		
RW17 - MIRL (PCL), REIL, PAPI-4R (PCL)	NPI-G		
RW35 - MIRL (PCL), REIL	NPI-G		
RW31 - REIL, MIRL (PCL), PAPI-4R	PIR-G		

<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u>	<u>TCH</u>
3.00	656.3	40.0			3.00	40.3

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	☒	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE	1085
ON CENTERLINE	☒	FT FROM CENTERLINE		

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
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CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	NPA		
34:1			
686 TREE (48-133292) 324119.5500N/0965236.7800W (10)	682 TREE (48-114423) 324115.9400N/0965242.0200W (4.3)		
685 TREE (48-146195) 324117.3000N/0965242.7000W (3.23)	675 TREE (48-060825) 324115.2700N/0965240.1500W (2.03)		
682 TREE (48-146176) 324116.9800N/0965242.4500W (1.34)	676 TREE (48-133188) 324115.7000N/0965240.8700W (0.84)		



PENETRATIONS REMARKS:

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

HIGHEST VEGETATION HEIGHT 100 FEET FPT CHECKLIST.

CHART NOTE: VDP NA WHEN USING DAL ALTIMETER SETTING.

WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DAL ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET AND LNAV VISIBILITY CAT C/D 1/4 SM. INCREASE LP VISIBILITY CAT C/D 1/4 SM, AND CIRCLING VISIBILITY CAT D 1/4 SM. VDP NA WHEN USING DAL ALTIMETER SETTING.

ORDER 8260.3 CHAPTER 2 APPLIED TO 827 ELECTRICAL_SYSTEM (48-059833) 324313.17N/0965502.03W.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	3.15
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	2.13
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	135.06
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	700
DISTANCE FROM	FAF	TO 1500FT POINT	3.53
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	4.42
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	106.01
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	700

THRESHOLD COORDINATES (IF STR-IN)

324111.55N/0965231.85W

ARP COORDINATES

324052.70N/0965207.60W

RUNWAY APCH END AND DIST FURTHEST FROM ARP

RUNWAY 13 DISTANCE 0.64 NM

FAF COORDINATES

324325.66N/0965510.09W

FIX NAME COORDINATES

REMARKS

THLD DISPLACED 1085FT, ACTUAL COORDINATES: 324119.16N/0965240.81W



<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
RBD	RNAV (GPS) Y RWY 13	1	DALLAS	TX	661	RNAV
PART E: PREPARED BY						
<u>NAME</u>			<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>	
DEVON KERCHER			AJV-A431	10/18/2024	AERONAUTICAL INFORMATION SPECIALIST	

