

**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.

<b>AIRPORT ID</b> DAL	<b>PROCEDURE NAME</b> RNAV (GPS) Y RWY 13L	<b>ORIGINAL/AMENDMENT</b> 2	<b>CITY</b> DALLAS	<b>STATE</b> TX
<b>AIRPORT ELEVATION</b> 487	<b>TDZE</b> 485	<b>SUPERSEDED</b> RNAV (GPS) Y RWY 13L	<b>ORIGINAL/AMENDMENT</b> 1D	<b>DATED</b> 12/26/2024
<b>FACILITY</b> RNAV	<b>COORDINATES OF FACILITIES</b>	<b>ACTUAL EFFECTIVE DATE</b>	<b>REQUIRED EFFECTIVE DATE</b> ROUTINE	<b>MAG VAR</b> 3E
				<b>EPOCH YEAR</b> 2020
				<b>CANCEL/SUSPEND</b>

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
WENOP	IF	APAKE		TF	FB	1.00	265.37	4.21	2400
APAKE		ISNAW		TF	FB	1.00	197.64	1.95	2000
ISNAW		JUDNO		TF	FB	1.00	142.57	1.20	1800
JUDNO		CAMSO		TF	FB	1.00	132.59	1.20	1600
CAMSO	FAF	RW13L	MAP	TF	FO	0.30	132.60	3.35	
RW13L	MAP	685 MSL		CA			132.60		
685 MSL		FAVKU		DF	FB	1.00			
FAVKU		DUMPY		TF	FO	1.00	115.92	15.89	3000

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW13L

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 3000 DIRECT FAVKU AND ON TRACK 115.92 TO DUMPY AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT WENOP
- FAC: 132.60 FAF: CAMSO DIST FAF TO MAP: 3.35 DIST FAF TO THLD: 3.35
- MIN ALT: WENOP 3000, APAKE 2400, ISNAW 2000, JUDNO 1800, CAMSO 1600
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 200 HAT: 0.47 GS ANT:
- MIN GP INCPT: 1600 GP ALT AT PFAF: CAMSO 1600 OM: MM: IM:
- GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 55.0
- MSA FROM: RW13L 3600



**PBN REQUIREMENTS NOTE:**

RNP APCH - GPS.

**EQUIPMENT REQUIREMENTS NOTES:**

RADAR REQUIRED FOR PROCEDURE ENTRY.

**NOTES:**

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -8°C OR ABOVE 54°C.  
 CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 4500 AND LNAV CATS C AND D VISIBILITY TO 1 3/4 SM.  
 CHART SPEED ICON IN PLANVIEW AT APAKE: MAX 180 KIAS.

**ADDITIONAL FLIGHT DATA:**

HOLD SE, RT, 298.00 INBOUND.  
 CHART FAS OBST: 1047 TOWER (48-008398) 325216N/0965525W.  
 CHART VDP AT 1.76 NM TO RW13L.  
 WAAS CHANNEL # 50547  
 REFERENCE PATH ID: W13A  
 CHART MANDATORY 3000 AT WENOP.  
 LTP HAE: 119.5 M

**MINIMUMS:**

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

**ALTERNATE:** NA  STANDARD - CAT C 800-2 1/4, CAT D 1100-3

<b>CATEGORY:</b>	<b>A</b>			<b>B</b>			<b>C</b>			<b>D</b>			<b>E</b>		
<b>FINAL TYPE</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>												
LPV DA	685	1800	200	685	1800	200	685	1800	200	685	1800	200			
LNAV/VNAV DA	760	2400	275	760	2400	275	760	2400	275	760	2400	275			
LNAV MDA	1100	2400	615	1100	2400	615	1100	1 3/8	615	1100	1 3/8	615			
CIRCLING	1100	1	613	1140	1	653	1280	2 1/4	793	1520	3	1033			



**CHANGES - REASONS**

1. TERMINAL ROUTES: REMOVED FEEDER SEGMENT AND INITIAL SEGMENT - PER FPT/ATC REQUEST.
2. TERMINAL ROUTES: REDESIGN INTERMEDIATE SEGMENT FROM "BINAY TO CAMSO" TO "WENOP TO APAKE TO ISNAW TO JUDNO TO CAMSO", UPDATED ALL COURSES, DISTANCES AND ALTITUDES INFORMATION - PER FPT/ATC REQUEST.
3. TERMINAL ROUTES: CHANGED FINAL SEGMENT COURSE FROM 134.58 TO 132.60, DISTANCE FROM 4.61 TO 3.35 - FAF RELOCATED AND ALIGNED TO FAC BASED ON GPA/TCH, PROCEDURE REDESIGN PER FPT/ATC REQUEST.
4. TERMINAL ROUTES: CHANGED CA LEG ALTITUDE FROM 887 MSL TO 685 MSL AND SEGMENT COURSE FROM 134.58 TO 132.60 - BASED ON LPV MINS AND FAC.
5. TERMINAL ROUTES: CHANGED FAVKU TO DUMPY SEGMENT COURSE FROM 115.39 TO 115.92, DISTANCE FROM 16.05 TO 15.89 - FAVKU RELOCATED PER PROCEDURE REDESIGN REQUIREMENTS.
6. MAP: ADDED LPV: DA AND LNAV/VNAV: DA - ADDED LPV AND LNAV/VNAV MIN LINES PER FPT/ATC REQUEST.
7. MISSED APPROACH INSTRUCTIONS: CHANGED FROM "CLIMB TO 3000 DIRECT FAVKU AND ON TRACK 115.39 TO DUMPY AND HOLD" TO "CLIMB TO 3000 DIRECT FAVKU AND ON TRACK 115.92 TO DUMPY AND HOLD" - FAVKU RELOCATED PER PROCEDURE REDESIGN REQUIREMENTS.
8. PROFILE LINE 2: CHANGED FROM "PROFILE STARTS AT BINAY" TO "PROFILE STARTS AT WENOP" - PER 8260.19K, PARA 8-6-7B(3)(A), PROCEDURE REDESIGN PER ATC REQUEST.
9. PROFILE LINE 3: CHANGED FAC FROM 134.58 TO 132.60 AND DIST FAF TO MAP/DIST FAF TO THLD FROM 4.61 TO 3.35 - FAF RELOCATED PER FPT REQUEST AND BASED ON GPA/TCH.
10. PROFILE LINE 4: MIN ALT CHANGED FROM "BINAY 2300, CAMSO 2000" TO "WENOP 3000, APAKE 2400, ISNAW 2000, JUDNO 1800, CAMSO 1600" - PROCEDURE REDESIGN PER FPT/ATC REQUEST.
11. PROFILE LINE 5: ADDED "200 HAT: 0.47" - PER 8260.19K, PARA 8-6-7E(3).
12. PROFILE LINE 6: ADDED MIN GP INCPT: 1600 AND GP ALT AT PFAF: CAMSO 1600 - ADDED LPV & LNAV/VNAV MINS PER FPT/ATC REQUEST, PER 8260.19K, PARA 8-6-7F(1).
13. PROFILE LINE 7: ADDED GP ANGLE: 3.00 AND TCH: 55.0 - ADDED PRECISION MINS PER ATC REQUEST, PER 8260.19K, PARA 8-6-7G(1)&(2).
14. EQUIPMENT REQUIREMENTS NOTES: ADDED "RADAR REQUIRED FOR PROCEDURE ENTRY" - THE IF IS THE FIRST POINT OF ENTRY FOR THE PROCEDURE, 8260.19K, PARA 8-6-9A(1).
15. ADDED "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -8°C OR ABOVE 54°C" - ADDED LNAV/VNAV MINS PER ATC REQUEST, 8260.19K, PARA 8-6-10R.
16. CHANGED CHART NOTE FROM "FOR INOPERATIVE ALS, INCREASE LNAV CATS C/D VISIBILITY TO 1 3/4 SM" TO "FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 4500 AND LNAV CATS C AND D VISIBILITY TO 1 3/4 SM" - ADDED PRECISION MINS, PER UPDATED 8260.3G UPDATED VIS TABLES.
17. ADDED "CHART SPEED ICON IN PLANVIEW AT APAKE: MAX 180 KIAS" - SPEED RESTRICTION PER FPT/ATC REQUEST, 8260.19K, PARA 4-6-10G.
18. ADDITIONAL FLIGHT DATA: CHANGED CHART FAS OBST FROM "782 TOWER (48-032953) 325442N/0965332W" TO "1047 TOWER (48-008398) 325216N/0965525W" - NEW CONTROLLING OBSTACLE.
19. ADDITIONAL FLIGHT DATA: REMOVED "CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 1.98 DEGREES" - PROCEDURE REDESIGNED AND FAC ALIGNED TO RWY.
20. ADDITIONAL FLIGHT DATA: REMOVED "CAMSO TO RW13L: 3.00/55" - ADDED APV MINS TO PROCEDURE, PER 8260.19K, PARA 8-6-11O(1).
21. ADDITIONAL FLIGHT DATA: REMOVED "CHART CIRCLING ICON" - NO LONGER REQUIRED.
22. ADDITIONAL FLIGHT DATA: ADDED "WAAS CHANNEL # 50547", "REFERENCE PATH ID: W13A" AND "LTP HAE: 119.5 M" - ADDED LPV MINS TO PROCEDURE, PER 8260.19K, PARA 8-6-11J.
23. ADDITIONAL FLIGHT DATA: ADDED "CHART MANDATORY 3000 AT WENOP" - PER FPT/ATC REQUEST.
24. CHANGED ALTERNATE MINS FROM "STANDARD - CAT D 1100-3" TO "STANDARD - CAT C 800-2 1/4, CAT D 1100-3" - PER UPDATED 8260.3G UPDATED VIS TABLES.
25. ADDED LPV AND LNAV/VNAV MINS - PER FPT/ATC REQUEST.
26. CHANGED CIRCLING CAT C MDA/HAA FROM 1220/733 TO 1280/793 AND CAT C VISIBILITY FROM 2 SM TO 2 1/4 SM - NEW CONTROLLING OBSTACLE, INCORPORATED NOTAM FDC 5/3067, PER UPDATED 8260.3G UPDATED VIS TABLES.
27. ADDED FAS DATA BLOCK INFORMATION PAGE - ADDED LPV MINS TO PROCEDURE.

**COORDINATED WITH:**

A4A  
  ALPA  
  AOPA  
  APA  
  HAI  
  NBAA

**OTHER:** ZFW, LONE STAR APP CON, DAL ATCT, DFW ATCT, AMGR

**FLIGHT CHECKED BY**

MICHAEL S MILLER

*Digitally signed by*

**CASIMIR L TABAKA**

Jan 14, 2026

**OFFICE**

AJF

**DATE**

01/13/2026

**DEVELOPED BY**

CASIMIR L. TABAKA (SILVIA YOUNG)

*Digitally signed by*

**CASIMIR L TABAKA**

Jan 14, 2026

**OFFICE**

AJV-A432

**DATE**

09/10/2025

**APPROVED BY**

CASIMIR L. TABAKA

*Digitally signed by*

**CASIMIR L TABAKA**

Jan 14, 2026

**OFFICE**

AJV-A432

**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	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W13A
LTP/FTP LATITUDE	325123.3565N
LTP/FTP LONGITUDE	0965121.2035W
LTP/FTP ELLIPSOIDAL HEIGHT	+01195
FPAP LATITUDE	325019.5340N
FPAP LONGITUDE	0965007.2520W
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 C981322F

ADDITIONAL PATH POINT RECORD INFORMATION

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



**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>
DAL	RNAV (GPS) Y RWY 13L	2	DALLAS	TX	487	RNAV

**PART A: OBSTRUCTION DATA SEGMENTS**

**INTERMEDIATE**

**FROM** WENOP **TO** APAKE

**RNP** 1.00      **DISTANCE** 4.21      **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>
BUILDING (48-005219)	325540.81N/0964919.57W	975	20	3	1A	500				AT925	2400
TERRAIN	325915.00N/0965042.00W	675 (700)								AS1500	2200

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**INTERMEDIATE**

**FROM** APAKE **TO** ISNAW

**RNP** 1.00      **DISTANCE** 1.95      **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 (48-003899)	325638.53N/0965624.48W	914	50	20	2C	500				AT586	2000
TERRAIN	325545.00N/0965812.00W	554 (600)								AS1000	1600

**COMPUTATIONS**

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

**SEGMENT REMARKS:**



**AIRPORT ID**  
DAL

**PROCEDURE NAME**  
RNAV (GPS) Y RWY 13L

**AMDT NO.**  
2

**CITY**  
DALLAS

**STATE**  
TX

**AIRPORT ELEVATION**  
487

**FACILITY**  
RNAV

**INTERMEDIATE**

**FROM** ISNAW **TO** JUDNO

**RNP** 1.00 **DISTANCE** 1.20 **PAT** **MAP** **HAT** **HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
TOWER (48-032953)	325441.73N/0965332.03W	782	500	50	5D	500				AT518	1800
TERRAIN	325524.00N/0965754.00W	544 (500)								AS1000	1500

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**INTERMEDIATE**

**FROM** JUDNO **TO** CAMSO

**RNP** 1.00 **DISTANCE** 1.20 **PAT** **MAP** **HAT** **HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
TOWER (48-032953)	325441.73N/0965332.03W	782	500	50	5D	500				AT318	1600
TERRAIN	325439.00N/0965306.00W	521 (500)								AS1000	1500

**COMPUTATIONS**

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

**SEGMENT REMARKS:**



AIRPORT ID  
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FACILITY  
RNAV

FINAL: LPV

FROM CAMSO TO RW13L

RNP 0.30 DISTANCE 3.35 PAT MAP DA HAT 200 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>
							ASC				685

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LNAV/VNAV

FROM CAMSO TO RW13L

RNP 0.30 DISTANCE 3.35 PAT MAP DA HAT 275 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>
BUILDING (48-100433)	325141.60N/0965058.07W	588	20	3	1A	161				MA11	760

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LNAV

FROM CAMSO TO RW13L

RNP 0.30 DISTANCE 3.35 PAT MAP RW13L HAT 615 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 (48-008398)	325215.51N/0965524.76W	1047	20	3	1A	250				SA-214	1100

COMPUTATIONS

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

SEGMENT REMARKS:



**AIRPORT ID**  
DAL

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RNAV (GPS) Y RWY 13L

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TX

**AIRPORT ELEVATION**  
487

**FACILITY**  
RNAV

**MISSED APPROACH: LPV**

**FROM** DA **TO** DUMPY

**RNP** 0.30 **DISTANCE** **PAT** **MAP** **HAT** **HMAS** 515

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
BUILDING (48-004928)	324648.00N/0964814.00W	1368	50	3	2A	1000					2400
TERRAIN	324918.00N/0964554.00W	583 (600)								AS1500	2100

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**MISSED APPROACH: LNAV/VNAV**

**FROM** DA **TO** DUMPY

**RNP** 0.30 **DISTANCE** **PAT** **MAP** **HAT** **HMAS** 599

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
BUILDING (48-004928)	324648.00N/0964814.00W	1368	50	3	2A		ASC				3000
BUILDING (48-004928)	324648.00N/0964814.00W	1368	50	3	2A	1000					2400
TERRAIN	324918.00N/0964554.00W	583 (600)								AS1500	2100

**COMPUTATIONS**

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

**SEGMENT REMARKS:**



**MISSED APPROACH: LNAV**

**FROM** RW13L **TO** DUMPY

**RNP**  
0.30-1.00

**DISTANCE**

**PAT**

**MAP**

**HAT**

**HMAS**  
1000

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
BUILDING (48-004928)	324648.00N/0964814.00W	1368	50	3	2A	1000					2400
TERRAIN	324918.00N/0964554.00W	583 (600)								AS1500	2100

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**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											
BUILDING (48-028166)	324911.62N/0965035.00W	1.30	613	700	20	3	1A	300		SI	1100
CATEGORY B											
BUILDING (48-031532)	324846.81N/0965010.69W	1.82	653	790	500	50	5D	300		AC50	1140
CATEGORY C											
BUILDING (2022-ASW-3979-OE)	324921.23N/0964729.65W	2.86	793	970	50	20	2C	300			1280
CATEGORY D											
BUILDING (48-005563)	324716.78N/0964748.08W	3.74	1033	1203	50	3	2A	300			1520

**CIRCLING REMARKS:**

CAT C: A HOTEL IS CURRENTLY BEING BUILT (STUDY 2022-ASW-3979-ASW AMONG MANY OTHER STUDIES). THE PROPONENT FILED A 7460 PART-1 IN OCTOBER 2023 STATING THAT CONSTRUCTION HAS STARTED, BUT THEY HAVE NOT YET FILED A 7460 PART-2 STATING THAT THE BUILDING HAS REACHED ITS GREATEST HEIGHT. ONCE COMPLETE IT WILL BE 970' AMSL AND THE HIGHEST BUILDING IN THE AREA. THERE IS A VALID 2C SURVEY ATTACHED TO THE STUDY, SO ONCE A 7460 PART-2 IS RECEIVED THE BUILDING WILL BE ADDED TO THE OAS WITH A 2C. THE OTHER BUILDINGS IN THE AREA ARE IN THE OAS AS CONSTRUCTED OBSTACLES.



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**AIRPORT ELEVATION**  
487

**FACILITY**  
RNAV

**MSA**

**CENTER** RW13L      **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	196	17.2	2549	50	20	2C	1000			3600

**MSA REMARKS:**

**NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:**

**PART B: SUPPLEMENTAL DATA**

**COMMUNICATIONS WITH**

DAL TOWER, ZFW ARTCC, D10 APP CON

<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	DAL	24	DAL		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>

**WX REMARKS:**

BACKUP ALTIMETER SOURCE NOT UTILIZED. KDAL HAS REDUNDANT WEATHER SOURCING.

<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>
RW13L - MALSR, TDZ, HIRL, C/LINE, PAPI-4R	PIR-G	APPROACH, ROLL OUT
RW13R - C/LINE, HIRL, PAPI-4R	PIR-G	APPROACH, MIDPOINT
RW31L - MALSR, C/LINE, TDZ, HIRL, PAPI-4L	PIR-G	APPROACH, MIDPOINT
RW31R - MALSR, C/LINE, HIRL, PAPI-4L	PIR-G	APPROACH, ROLL OUT

<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	479.7	55.0			3.00	57.2

**FINAL APPROACH COURSE AIMING**

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE	399
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE		

**CRITICAL TEMPERATURES**

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
-8C	+54C	-8C	+14.04C

**CRITICAL TEMPERATURE REMARKS:**



**AIRPORT ID**  
DAL

**PROCEDURE NAME**  
RNAV (GPS) Y RWY 13L

**AMDT NO.**  
2

**CITY**  
DALLAS

**STATE**  
TX

**AIRPORT ELEVATION**  
487

**FACILITY**  
RNAV

AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2020-2024).  
CRITICAL LOW TEMPERATURE BASED ON ACT.  
DESCENT RATE (FPM): STANDARD TEMP 961 HIGH TEMP 1268.

**"VISUAL PORTION OF FINAL" PENETRATIONS**

**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.

100FT VEGETATION USED PER FPT.

APPROVAL LETTER FOR APPLICATION OF MANDATORY ALTITUDES - 3000 AT IF WENOP.  
RNAV (GPS) RWY 13L GPA/TCH 3.00/55.0 USED PER FPT/ATC TO MIRROR ILS OR LOC RWY 13L.  
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	
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	3.03
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	1.84
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	135.60
DISTANCE FROM	THLD	TO 1500FT POINT	500
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	10.31
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	4.06
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	268.37
			700

**THRESHOLD COORDINATES (IF STR-IN)**

325123.36N/0965121.20W

**ARP COORDINATES**

325045.40N/0965103.16W

**RUNWAY APCH END AND DIST FURTHEST FROM ARP**

RUNWAY 31L DISTANCE 0.81 NM

**FAF COORDINATES**

325347.08N/0965407.90W

**FIX NAME COORDINATES**

**REMARKS**

THLD DISPLACED 399FT, ACTUAL COORDINATES: 325126.18N/0965124.48W

**PART E: PREPARED BY**

**NAME**  
CASIMIR L. TABAKA (SILVIA YOUNG)

**OFFICE**  
AJV-A432

**DATE**  
09/10/2025

**TITLE**  
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