

**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> E30	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 35	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> BALLINGER	<u>STATE</u> TX
<u>AIRPORT ELEVATION</u> 1739	<u>TDZE</u> 1739	<u>SUPERSEDED</u> RNAV (GPS) RWY 35	<u>DATED</u> 12/20/2007	<u>MAG VAR</u> 8E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 1995
			<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>
OKICU	IAF	WIKUS	NOPT	TF	FB	1.00	082.22	5.00	4000
UCILA	IAF	WIKUS	NOPT	TF	FB	1.00	262.32	5.00	4000
WIKUS	IF/IAF	AKIXY		TF	FB	1.00	352.29	5.92	3500
AKIXY	FAF	CIBAV/1.76 NM TO RW35		TF	FB	0.30	352.25	3.64	
CIBAV/1.76 NM TO RW35		RW35	MAP	TF	FO	0.30	352.25	1.76	
RW35	MAP	2139 MSL		CA	FB		352.25		
2139 MSL		RIREE		DF	FO	1.00			3500

MISSED APPROACH

MAP:

LP: RW35
LNAV: RW35

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3500 DIRECT RIREE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- | | | | | | |
|--|--------------------|--------------------|-----------------------|------------------------|---------|
| 1. PT | SIDE OF COURSE | OUTBOUND | FT WITHIN | MILES OF | (IAF) |
| 2. HOLD S WIKUS, RT, 352.27 INBOUND, 4000 IN LIEU OF PT (IAF), MAX 4000. | | | | | |
| 3. FAC: 352.25 | FAF: AKIXY | | DIST FAF TO MAP: 5.41 | DIST FAF TO THLD: 5.41 | |
| 4. MIN ALT: WIKUS 4000, AKIXY 3500, CIBAV/1.76 NM TO RW35 2340 | | | | | |
| 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 NOT CLEAR | TCH: | | |
| 8. MSA FROM: RW35 4300 | | | | | |



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 35 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: STRAIGHT-IN RWY 35 NA AT NIGHT, CIRCLING RWY 35 NA AT NIGHT.
CHART NOTE: USE SJT ALTIMETER SETTING; WHEN NOT RECEIVED, USE BBD ALTIMETER SETTING AND INCREASE ALL MDAS 20 FEET AND LNAV VISIBILITY CAT C AND LP VISIBILITY CAT C 1/8 SM.
CHART SPEED ICON IN PLANVIEW AT OKICU: MAX 200 KIAS.
CHART SPEED ICON IN PLANVIEW AT UCILA: MAX 200 KIAS.

ADDITIONAL FLIGHT DATA:

CHART SJT ASOS.
AKIXY TO RW35: 3.00/40.
HOLD N, RT, 172.22 INBOUND.
CHART FAS OBST: 1779 TREE 313945N/0995845W.
WAAS CHANNEL # 86228
REFERENCE PATH ID: W35A
LTP HAE: 504.8 M

MINIMUMS:

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

ALTERNATE: NA ☒

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	2140	1	401	2140	1	401	2140	1 1/8	401		NA				
LNAV MDA	2160	1	421	2160	1	421	2160	1 1/4	421		NA				
CIRCLING	2220	1	481	2220	1	481	2480	2 1/4	741		NA				

CHANGES - REASONS

1. AIRPORT ELEVATION/TZDE: ELEVATION CHANGED FROM “1738” TO “1739” – PER NEW AIRNAV DATA.
2. TERMINAL ROUTES: REMOVED FEEDER ROUTE SJT VORTAC TO OKICU – PER ATC REQUEST.
3. TERMINAL ROUTES: REMOVED FEEDER ROUTE TQA VOR/DME TO UCILA – PER ATC REQUEST.
4. TERMINAL ROUTES: IF/IAF SEGMENT WIKUS TO AKIXY COURSE HEADING/DISTANCE CHANGED FROM “352.27/6.01” TO “352.29/5.92” – FAF LOCATION MOVED.
5. TERMINAL ROUTES: ADDED FAF SEGMENT AKIXY TO SDF CIBAV/1.76 NM TO RW35 – PER ATC REQUEST TO ADD A SDF.
6. TERMINAL ROUTES: ADDED SDF SEGMENT CIBAV/1.76 NM TO RW35 – PER ATC REQUEST TO ADD A SDF.
7. TERMINAL ROUTES: ADDED MISSED CA SEGMENT FROM RW35 TO 2139MSL – PER CRITERIA 8260.58C 3-5-2.
8. TERMINAL ROUTES: ADDED MISSED DF SEGMENT “2139MSL – RIRÉE” – PER CRITERIA 8260.58C 3-5-2 TO ACCOMMODATE FOR THE CA LEG.
9. TERMINAL ROUTES: LINE 4 ADDED "CIBAV/1.76 NM TO RW35 2340" - PER ATC REQUEST.
10. MISSED APPROACH: REMOVED "LPV: DA" AND ADDED "LP: RW35" – REPLACED LPV MINIMA WITH LP MINIMA PER ATC REQUEST.
11. PROFILE LINE 2: CHANGED INITIAL HOLD IN-LIEU FROM “HOLD S WIKUS, RT, 352.27 INBOUND, 4000 FT. IN LIEU OF PT (IAF)” TO “HOLD S WIKUS, RT, 352.27 INBOUND, 4000 FT. IN LIEU OF PT (IAF), MAX 4000” – ADDED A MAX ALTITUDE.
12. PROFILE: FAC CHANGED FROM “325.27” TO “325.25” - FAF LOCATION CHANGED TO BETTER ALIGN WITH RUNWAY.
13. PROFILE: DIST FAF TO MAP/THLD CHANGED FROM “5.31” TO “5.41” – FAF DISTANCE MOVED.
14. PROFILE: REMOVED DISTANCE TO THLD FROM “351 HAT: 098” – NO LONGER NEEDED.
15. PROFILE: REMOVED GP ANGLE “3.00” – REMOVED APPROACH WITH VERTICAL GUIDANCE MINIMA.
16. PROFILE: ADDED 20:1/34:1 "IS NOT CLEAR" – ASSUMED OBSTACLES DUE TO NO VGAS SURVEY PERFORMED.
17. PROFILE: MSA CHANGED FROM “RW35 4400” TO “RW35 4300” – NEW OBSTACLE SURVEY.
18. PBN REQUIREMENTS NOTE: ADDED “RNP APCH – GPS” – PER CRITERIA 8260.19J 8-6-8 (D) (5) (A).
19. NOTES: ADDED “RWY 35 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED” – PER CRITERIA 8260.19J 8-6-12 (K) (2).
20. NOTES: ADDED “STRAIGHT-IN RWY 35 NA AT NIGHT, CIRCLING RWY 35 NA AT NIGHT” – ASSUMED 20:1 PENETRATIONS.
21. NOTES: ADDED “CHART SPEED ICON IN PLANVIEW AT OKICU: MAX 200 KIAS” – PER ATC REQUEST.
22. NOTES: ADDED “CHART SPEED ICON IN PLANVIEW AT UCILA: MAX 200 KIA” – PER ATC REQUEST.
23. NOTES: REMOVED “PROCEDURE NA FOR ARRIVALS AT SJT VORTAC VIA AIRWAY RADIALS 014 CW 102” – SJT VORTAC FEEDER REMOVED FROM PROCEDURE.
24. NOTES: CHANGED CHART NOTE FROM "USE SAN ANGELO REGIONAL/MATHIS FIELD ALTIMETER SETTING; IF NOT RECEIVED US CURTIS FIELD ALTIMETER SETTING AND INCREASE ALL DA/MDAS 20 FEET" TO "USE SJT ALTIMETER SETTING; WHEN NOT RECEIVED, USE BBD ALTIMETER SETTING AND INCREASE ALL MDAS 20 FEET AND LNAV VISIBILITY CAT C AND LP VISIBILITY CAT C 1/8 SM" – UPDATED MINIMUMS.
25. NOTES: REMOVED CHART NOTE: "DME/DME RNP-0.3 NA" - REPLACED BY PBN REQUIREMENTS NOTE.
26. ADDITIONAL FLIGHT DATA: NOTES: ADDED “CHART SJT ASOS – PRIMARY ALTIMETER IS OBTAINED FROM A REMOTE LOCATION.
27. ADDITIONAL FLIGHT DATA: UPDATED FAS OBST FROM “1809 WINDMILL 313947N/0995850W” TO “1784 TREE 313945N/0995845W” – PER NEW OBSTACLE EVALUATION.
28. ADDITIONAL FLIGHT DATA: ADDITIONAL FLIGHT DATA: REMOVED “LTP HAE: 504.7 M” – REMOVED APPROACH WITH VERTICAL GUIDANCE MINIMA.
29. MINIMUMS: REPLACED LPV WITH LP MINIMUMS – PER ATC REQUEST.
30. MINIMUMS: CIRCLING CAT A/B HAA CHANGED FROM "482" TO 481" - AIRPORT ELEVATION CHANGED PER AIR NAV.
31. MINIMUMS: CIRCLING MDA CAT C CHANGED FROM "2220" TO "2480" AND CIRCLING CAT C VISIBILITY CHANGED FROM "1 1/2 SM" TO "2 1/4 SM" - NEW OBSTACLE EVALUATION.
32. FAS DATA BLOCK INFORMATION: LTP/FTP LATITUDE/LONGITUDE CHANGED FROM "314008.8300N/0995837.2500W" TO "314008.8025N/0995837.2515W" AND LTP/FTP ELLIPSOIDAL HEIGHT CHANGED FROM "+05047" TO "+05048" - UPDATED AIRNAV DATA INCORPORATED.
33. FAS DATA BLOCK INFORMATION: FPAP LATITUDE/LONGITUDE CHANGED FROM "314138.1200N/0995836.7600W" TO "314138.0935N/0995836.7855W" - UPDATED AIRNAV DATA INCORPORATED.
34. FAS DATA BLOCK INFORMATION: VAL CHANGED FROM "50.0" TO "00.0" AND LTP/FPAP ORTHOMETRIC HEIGHTS CHANGED FROM "+05298" TO "+05299" - UPDATED AIRNAV DATA INCORPORATED.
35. FAS DATA BLOCK INFORMATION: CRC REMAINDER CHANGED FROM "43BD0965" TO "1CD3DF3A" - LTP/FTP LATITUDE/LONGITUDE, LTP/FPT ELLIPSOIDAL HEIGHT, VAL, AND FPAP LATITUDE/LONGITUDE VALUES CHANGED.

COORDINATED WITH:

A4A

ALPA

☒

AOPA

☒

APA

HAI

NBA

☒

OTHER: ZFW, AMGR.

FLIGHT CHECKED BY

OFFICE

DATE

DEVELOPED BY

TRAVIS BRISTOW

Digitally signed by

TRAVIS D BRISTOW

Jun 05, 2025

OFFICE

AJV-A421

DATE

01/21/2025

APPROVED BY

DAVID DANNER

CASEY D HILL

Jun 12, 2025

Digitally signed by

OFFICE

AJV-A421

DATE

TITLE

MANAGER



AIRPORT ID
E30

PROCEDURE NAME
RNAV (GPS) RWY 35

ORIGINAL/AMENDMENT
1

CITY
BALLINGER

STATE
TX

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	E30
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	314008.8025N
LTP/FTP LONGITUDE	0995837.2515W
LTP/FTP ELLIPSOIDAL HEIGHT	+05048
FPAP LATITUDE	314138.0935N
FPAP LONGITUDE	0995836.7855W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1560
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	00.0

CRC REMAINDER	1CD3DF3A
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ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+05299
FPAP ORTHOMETRIC HEIGHT	+05299

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>
E30	RNAV (GPS) RWY 35	1	BALLINGER	TX	1739	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM
OKICU

TO
WIKUS

RNP
1.00

DISTANCE
5.00

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	312651.00N/1000457.00W	1982	215	8	4B	1000				AT1018	4000
TERRAIN	312651.00N/1000421.00W	1778 (1800)								AS1500	3300

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL

FROM
UCILA

TO
WIKUS

RNP
1.00

DISTANCE
5.00

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	312706.00N/0995318.00W	1972	215	8	4B	1000				AT1028	4000
TERRAIN	312700.00N/0995321.00W	1771 (1800)								AS1500	3300

COMPUTATIONS

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

SEGMENT REMARKS:

QUALITY
37
CHECKED

INTERMEDIATE

FROM

WIKUS (IF/IAF)

TO

AKIXY

RNP

1.00

DISTANCE

5.92

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	313318.00N/0995800.00W	1969	215	8	4B	500				AT1031	3500
TERRAIN	313312.00N/0995800.00W	1768 (1800)								AS1500	3300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LP

FROM

AKIXY

TO

CIBAV/1.76 NM TO RW35

RNP

0.30

DISTANCE

3.64

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	313512.00N/0995836.00W	1952	215	8	4B	250				RA121	2340

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LP STEPDOWN

FROM

CIBAV/1.76 NM TO RW35

TO

RW35

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	1.76		RW35		401						
<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	313945.00N/0995845.00W	1779	215	8	4B	250				RA101	2140

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM

AKIXY

TO

CIBAV/1.76 NM TO RW35

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	3.64										
<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	313512.00N/0995836.00W	1952	215	8	4B	250				RA121	2340

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM

CIBAV/1.76 NM TO RW35

TO

RW35

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
0.30	1.76		RW35	421	

<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	313945.00N/0995845.00W	1779	215	8	4B	250				RA101 XP30	2160

COMPUTATIONS

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

SEGMENT REMARKS:

XP - TO MATCH PREVIOUS MINIMA, 50 FT REDUCTION IN MINIMUMS NOT ACHIEVABLE.

HOLD-IN-LIEU OF PT

FROM

WIKUS

TO

P-5

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
		P-5			

<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 (48-004098)	312201.60N/1000249.90W	3283	250	50	4D	1000				SA-549 AT266	4000
TERRAIN	311842.00N/0995736.00W	2073 (2100)								AS1500	3600

COMPUTATIONS

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

SEGMENT REMARKS:

MISSED APPROACH: LP

FROM

RW35

TO

RIRÉE

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u> 1939				
<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				3500
AAO	315254.00N/1000054.00W	2061	215	8	4B	1000					3100
TERRAIN	315100.00N/1000054.00W	1840 (1800)								AS1500	3300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LNAV

FROM

RW35

TO

RIRÉE

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u> 1959				
<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				3500
AAO	315254.00N/1000054.00W	2061	215	8	4B	1000					3100
TERRAIN	315100.00N/1000054.00W	1840 (1800)								AS1500	3300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

AIRPORT ID

E30

PROCEDURE NAME

RNAV (GPS) RWY 35

AMDT NO.

1

CITY

BALLINGER

STATE

TX

AIRPORT ELEVATION

1739

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 (48-028347)	314051.21N/0995829.72W	1.32	481	1792	20	10	1B	300		RA101 XP27	2220
CATEGORY B											
POLE (48-028347)	314051.21N/0995829.72W	1.87	481	1792	20	10	1B	300		RA101 XP27	2220
CATEGORY C											
TOWER (48-000032)	314332.00N/0995743.00W	2.94	741	2024	250	50	4D	300		RA101 AC50	2480

CIRCLING REMARKS:
XP - TO MATCH PREVIOUS MINIMA.

MSA

CENTER
RW35

RADIUS
25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (48-004098)	312201.60N/1000249.90W	183	18.4	3283	250	50	4D	1000			4300

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:
RWY 35 HAS NO SURVEY, 34:1 AND 20:1 PENETRATIONS ARE ASSUMED TO EXIST.
30 FT VEGETATION HEIGHT USED PER FPT.

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZFW ARTCC, SJT FSS, MAF APP CON

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	SJT	24	SJT	32.68	Y	101
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
AWOS-3	BBD	24	BBD	44.76	Y	116

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME E30 1739 SJT 1919 RA = 100.5
RASS PRESSURE PATTERNS THE SAME E30 1739 BBD 1827 RA = 115.8

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
APPROACH AND RUNWAY LIGHTING SYSTEM		RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW17 - MIRL, PAPI-2L		NPI-F	
RW35 - MIRL		NPI-F	

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
FINAL APPROACH COURSE AIMING						
RUNWAY THRESHOLD	X	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE			
ON CENTERLINE	X	FT FROM CENTERLINE				

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA
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CRITICAL TEMPERATURE REMARKS:

"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:

VDP NOT ESTABLISHED - 20:1 PENETRATIONS AND REMOTE PRIMARY ALTIMETER.
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	3.08
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	000.25
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1800
DISTANCE FROM	THLD	TO 1500FT POINT	5.01
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.76
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	000.25
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	1800

THRESHOLD COORDINATES (IF STR-IN)	314008.80N/0995837.25W
ARP COORDINATES	314028.10N/0995837.20W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 17 DISTANCE 0.32 NM
FAF COORDINATES	313443.76N/0995838.91W
FIX NAME COORDINATES	

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED.

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
TRAVIS BRISTOW	AJV-A421	01/21/2025	AERONAUTICAL INFORMATION SPECIALIST