

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> 84R	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 35	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> SMITHVILLE	<u>STATE</u> TX		
<u>AIRPORT ELEVATION</u> 323	<u>TDZE</u> 323	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u> NONE	<u>DATED</u>	<u>MAG VAR</u> 3E	<u>EPOCH YEAR</u> 2025
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 15 JUNE 2023	<u>REQUIRED EFFECTIVE DATE</u> CONCURRENT WITH 22-ASW-24	<u>CANCEL/SUSPEND</u>		

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 259/30 CW 079/30	NOPT	TTUSH	IF/IAF	2600
2. 079/30 CW 259/30		TTUSH	IF/IAF	2600

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>
TTUSH	IF/IAF	EMUUU		TF	FB	1.00	348.93	6.00	2100
EMUUU	FAF	RW35	MAP	TF	FO	0.30	348.92	4.31	
RW35	MAP	648 MSL		CA			348.92		
648 MSL		GNGRR		DF	FO	1.00			2600

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW35

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2600 DIRECT GNGRR AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD S TTUSH, RT, 348.93 INBOUND, 2600 FT. IN LIEU OF PT (IF/IAF), MAX 6000.

3. FAC: 348.92FAF: EMUUUDIST FAF TO MAP: 4.31DIST FAF TO THLD: 4.31

4. MIN ALT: TTUSH 2600, EMUUU 2100

5. DIST TO THLD FROM OM:MM:IM:150 HAT:325 HAT: 0.71GS ANT:

6. MIN GP INCPT: 2100GP ALT AT PFAF : EMUUU 2100OM:MM:IM:

7. GP ANGLE: 3.8034:1: IS NOT CLEAR20:1: IS NOT CLEARTCH: 40.0

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING RWY 17 NA AT NIGHT.
CHART NOTE: RWY 35 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: BARO-VNAV NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

ADDITIONAL FLIGHT DATA:

CHART GIDDINGS AWOS-3
HOLD N, RT, 168.91 INBOUND.
CHART FAS OBST: 736 TOWER (48-008737) 295750N/0970931W.
CHART 750 TOWER 295721N/0971024W.
WAAS CHANNEL # 99744
REFERENCE PATH ID: W35A
LTP HAE: 71.9 M

MINIMUMS:

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

ALTERNATE: NA

X



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	648	1	325	648	1	325		NA			NA				
LNAV/VNAV DA	827	1 3/8	504	827	1 3/8	504		NA			NA				
LNAV MDA	1040	1	717	1040	1	717		NA			NA				
CIRCLING	1040	1	717	1040	1	717		NA			NA				

CHANGES - REASONS

ORIGINAL PROCEDURE.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZHU ARTCC, AUS APP CON, ARPT MGR, ST AVIATION DIR

FLIGHT CHECKED BY

JOEL F HAWKLEY

OFFICE

FPO

DATE

04/12/2023

Digitally signed by

ERIC N SUSKI

Apr 14, 2023

DEVELOPED BY

PARNELL PRASSADA

OFFICE

AJV-A431

DATE

10/21/2022

Digitally signed by

ERIC N SUSKI

Apr 14, 2023

APPROVED BY

ERIC N SUSKI

OFFICE

AJV-A431

DATE

Digitally signed by

ERIC N SUSKI

Apr 14, 2023

TITLE
MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	84R
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	300121.9475N
LTP/FTP LONGITUDE	0970958.1415W
LTP/FTP ELLIPSOIDAL HEIGHT	+00719
FPAP LATITUDE	300250.3740N
FPAP LONGITUDE	0971012.5780W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.80
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER	F803CE7F
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ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00981
FPAP ORTHOMETRIC HEIGHT	+00981