

**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</b> ABILENE RGNL	<b>AIRPORT ID</b> KABI	<b>PROCEDURE NAME</b> RNAV (GPS) RWY 35R	<b>ORIGINAL/AMENDMENT</b> 1C	<b>CITY</b> ABILENE	<b>STATE</b> TX
<b>AIRPORT ELEVATION</b> 1791	<b>TDZE</b> 1776	<b>SUPERSEDED</b> RNAV (GPS) RWY 35R	<b>ORIGINAL/AMENDMENT</b> 1B	<b>DATED</b> 08/17/2017	<b>MAG VAR</b> 5E
<b>FACILITY</b> RNAV	<b>COORDINATES OF FACILITIES</b>	<b>ACTUAL EFFECTIVE DATE</b> 10 OCTOBER 2019	<b>REQUIRED EFFECTIVE DATE</b> ROUTINE	<b>CANCEL/SUSPEND</b>	<b>EPOCH YEAR</b> 2020

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
ABI VORTAC		INECO		TF	FB	1.00	159.26	17.16	4000
INECO	IAF	NILSE		TF	FB	1.00	084.71	5.00	4000
KEYJO	IAF	NILSE		TF	FB	1.00	264.81	5.00	4000
NILSE	IF	IBRIF		TF	FB	1.00	354.76	6.10	3400
IBRIF	FAF	BERUF/1.90 NM TO RW35R		TF	FB	0.30	354.76	2.95	
BERUF/1.90 NM TO RW35R		RW35R	MAP	TF	FO	0.30	354.76	1.90	
RW35R	MAP	1976 MSL		CA			354.76		1976
1976 MSL		GOFDO		DF	FO	1.00			4000

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW35R

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 4000 DIRECT GOFDO AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



**PROFILE:**

1. **PT**      **SIDE OF COURSE**                      **OUTBOUND**                      **FT WITHIN**                      **MILES OF (IAF)**
2. PROFILE STARTS AT NILSE
3. **FAC:** 354.76      **FAF:** IBRIF                      **DIST FAF TO MAP:** 4.85                      **DIST FAF TO THLD:** 4.85
4. **MIN ALT:** NILSE 4000, IBRIF 3400, BERUF/1.90 NM TO RW35R 2440\*
5. **DIST TO THLD FROM OM:**                      **MM:**                      **IM:**                      **150 HAT:**                      **200 HAT:** 0.45                      **GS ANT:**
6. **MIN GP INCPT:** 3400                      **GP ALT AT FAF :** IBRIF 3400                      **OM:**                      **MM:**                      **IM:**
7. **GP ANGLE:** 3.00                      **34:1:** IS CLEAR                      **20:1:** IS CLEAR                      **TCH:** 57.7
8. **MSA FROM:** RW35R 4600

**PBN REQUIREMENTS NOTE:**

RNP APCH

**NOTES:**

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18°C OR ABOVE 45°C.  
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON ABI VORTAC AIRWAY RADIALS 099 CW 195.  
 CHART NOTE: \*\* RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.  
 CHART NOTE: FOR INOPERATIVE ALS, INCREASE LPV CAT E VISIBILITY TO RVR 4000, LNAV/VNAV ALL CATS TO RVR 6000, AND LNAV CATS C/D/E TO 1 3/8 SM.

**ADDITIONAL FLIGHT DATA:**

CHART: ELMDALE AIRPARK (PVT) ON PLANVIEW.  
 CHART: ASR.  
 CHART CIRCLING ICON.  
 CHART VDP AT 1.34 NM TO RW35R\*  
 \*LNAV ONLY  
 WAAS CHANNEL #97517  
 REFERENCE PATH ID: W35A  
 CHART FAS OBST: 1842 POLE 322137N/0994022W.  
 HOLD N, RT, 174.76 INBOUND  
 LTP HAE: 513.7 M

**MINIMUMS:**

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

**ALTERNATE:** NA  STANDARD - CAT E 900-3, NA WHEN LOCAL WEATHER NOT AVAILABLE.

<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>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>
LPV DA**	1976	2400	200	1976	2400	200	1976	2400	200	1976	2400	200	1976	2400	200
LNAV/VNAV DA	2189	4000	413	2189	4000	413	2189	4000	413	2189	4000	413	2189	5000	413
LNAV MDA	2260	2400	484	2260	2400	484	2260	5000	484	2260	5000	484	2260	5000	484
CIRCLING	2300	1	509	2320	1	529	2420	1 3/4	629	2460	2	669	2620	3	829



**CHANGES - REASONS**

1. . INCORPORATED CHANGES FROM P-NOTAM 7/0727 (AMDT 1B) - ADDITION OF NOTE "\*\*\*RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA" FROM AFS MEMO AUTHORIZING 1800 RVR FOR LPV AND GLS APPROACH PROCEDURES ALLOWED. .
2. DELETED FEEDER ROUTE FROM SITNA TO KEYJO. - ATC REQUEST (JEN VORTAC BEING DECOMMISSIONED LEAVING NO AIRWAY STRUCTURE.)
3. DELETED CHART NOTE: PROCEDURE NA FOR ARRIVALS AT SITNA ON V94 EASTBOUND. - NOTE NO LONGER APPLIES.
4. DELETED CHART NOTE: DME/DME RNP-0.3 NA.
5. ADDED PBN EQUIPMENT REQUIREMENT NOTE: RNP APCH. - FAAO 8260.19H PARAGRAPH 8-6-8 B(1).
6. ADDED CONTINGENCY ALTIMETER NOTE TO 8260-9, PART C REMARKS. - FOR CONTINGENCY PURPOSES.
7. CHANGED CRC REMAINDER FROM 0BCF8AB9 TO EF191CE3. - LTP COORDINATES CHANGED FROM 322319.4925N/0994028.8580W TO 322319.4930N/0994028.8585W IN NEW DATA PULL.
8. REMOVED DEGREES F FROM UNCOMPENSATED BARO-VNAV NOTE. - FAAO 8260.19H.
9. CHANGED LNAV/VNAV VISIBILITY FROM RVR 5000 TO RVR 4000. -HIGHER VIS RETAINED FROM PREVIOUS AMDTS NOT REQUIRED/8260.3D, CHAPTER 3 VISIBILITY APPLIED. FPT NOTIFIED AND COORDINATED WITH.
10. CHANGED INOPERATIVE ALS NOTE FROM: INCREASE LPV CAT E VISIBILITY TO RVR 4000, INCREASE LNAV/VNAV AND LNAV CAT E VISIBILITY 1/2 SM TO : INCREASE LPV CAT E VISIBILITY TO RVR 4000, LNAV/VNAV ALL CATS TO RVR 6000, AND LNAV CATS C/D/E TO 1 3/8 SM - FAAO 8260.3D, TABLE 3-1-1.
11. CHANGED TERMINAL ROUTE FROM ABI VORTAC TO INECO RNP FROM 2.0 TO 1.0. - FAAO 8260-58A, TABLE 1-2-1.

**COORDINATED WITH:**

**A4A**  **ALPA**  **AOPA**  **APA**  **HAI**  **NBAA**  **OTHER:** ZFW, ABI APP CON, ABI ATCT, AMGR., ATA

**FLIGHT CHECKED BY**

JOHN KEARBY

*Digitally signed by*

**CASIMIR L TABAKA**

Jun 11, 2019

**OFFICE**

FICO

**DATE**

6/4/19

**DEVELOPED BY**

LIAM DONAHUE

*Digitally signed by*

**LIAM DONAHUE**

Apr 25, 2019

**OFFICE**

AJV-A431

**DATE**

03/27/2019

**APPROVED BY**

LONNIE EVERHART

*Digitally signed by*

**CASIMIR L TABAKA**

Jun 11, 2019

**OFFICE**

AJV-A430

**DATE**

**TITLE**  
MANAGER



**FAS DATA BLOCK INFORMATION**

<b><u>DATA FIELD</u></b>	<b><u>DATA</u></b>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KABI
RUNWAY	RW35R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	322319.4930N
LTP/FTP LONGITUDE	0994028.8585W
LTP/FTP ELLIPSOIDAL HEIGHT	+05137
FPAP LATITUDE	322448.7730N
FPAP LONGITUDE	0994029.2990W
THRESHOLD CROSSING HEIGHT (TCH)	00057.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0560
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	EF191CE3

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+05413
FPAP ORTHOMETRIC HEIGHT	+05413

