

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</u> GEORGETOWN MUNI	<u>AIRPORT ID</u> KGTU	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> 2A	<u>CITY</u> GEORGETOWN	<u>STATE</u> TX	
<u>AIRPORT ELEVATION</u> 790	<u>TDZE</u> 786	<u>SUPERSEDED</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 03/02/2017	<u>MAG VAR</u> 6E	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 15 AUGUST 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 088/30 CW 268/30	NOPT	088/15 CW 268/15		3600
2. 088/15 CW 268/15		SILIW	IF/IAF	3100
3. 268/30 CW 358/30		268/15 CW 358/15		4100
4. 268/15 CW 358/15		AXWUB	IAF	3100
5. 358/30 CW 088/30		358/10 CW 088/10		4100
6. 358/10 CW 088/10		DAGHU	IAF	3100

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>
AXWUB	IAF	SILIW	NOPT	TF	FB	1.00	267.64	9.30	3100
DAGHU	IAF	SILIW	NOPT	TF	FB	1.00	087.46	9.30	3100
SILIW	IF/IAF	FIHNU		TF	FB	1.00	177.55	7.00	2400
FIHNU	FAF	FORNA/2.07 NM TO RW18		TF	FB	0.30	177.54	2.89	
FORNA/2.07 NM TO RW18		RW18	MAP	TF	FO	0.30	177.54	2.07	
RW18	MAP	1300 MSL		CA			177.54		1300
1300 MSL		DARTE		DF	FO	1.00			3000

QUALITY
41
CHECKED

MISSED APPROACH

MAP:
LPV: DA
LNAV/VNAV: DA
LNAV: RW18

MISSED APPROACH INSTRUCTIONS:
CLIMB TO 1300 THEN CLIMBING LEFT TURN TO 3000 DIRECT DARTE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF (IAF)				
2.	HOLD N SILIW, RT, 177.55 INBOUND, 3100 FT. IN LIEU OF PT (IAF), MAX 6000.							
3. FAC:	177.54	FAF: FIHNU	DIST FAF TO MAP: 4.96	DIST FAF TO THLD: 4.96				
4. MIN ALT:	SILIW 3100, FIHNU 2400, FORNA/2.07 NM TO RW18 1480*							
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	250 HAT: 0.67	GS ANT:			
6. MIN GP INCPT:	2400	GP ALT AT FAF : FIHNU 2400	OM:		MM:		IM:	
7. GP ANGLE:	3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 35.0				
8. MSA FROM:								

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING RWY 29 NA AT NIGHT.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.

ADDITIONAL FLIGHT DATA:

DISTANCE TO THLD FROM 250 HAT: 0.67 NM.
CHART CIRCLING ICON.
CHART VDP AT 0.94 NM TO RW18*
*LNAV ONLY
WAAS CHANNEL #62938
REFERENCE PATH ID: W18A
CHART FAS OBST: 861 TREE 304121N/0974106W.
1073 AAO 304618N/0973836W.
HOLD SW, RT, 060.00 INBOUND
LTP HAE: 213.3 M



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

ALTERNATE: NA ☐ STANDARD - CAT D 900-2 3/4

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	1036	1	250	1036	1	250	1036	1	250	1036	1	250			
LNAV/VNAV DA	1036	1	250	1036	1	250	1036	1	250	1036	1	250			
LNAV MDA	1120	1	334	1120	1	334	1120	1	334	1120	1	334			
CIRCLING	1240	1	450	1340	1	550	1360	1 1/2	570	1640	2 3/4	850			

CHANGES - REASONS

1. LENGTHENED FINAL SEGMENT FROM FIHNU TO FORNA FROM 2.86 TO 2.89 - STEPDOWN FIX (FORNA) MOVED 181 FEET TO MAKE DESCENT ANGLE 3.00 DEGREES FOR FAF - STEPDOWN - MAP.
2. SHORTENED FINAL SEGMENT FROM FORNA TO RWY 18 FROM 2.10 TO 2.07 - STEPDOWN FIX (FORNA) MOVED 181 FEET TO MAKE DESCENT ANGLE 3.00 DEGREES FOR FAF - STEPDOWN - MAP.
3. CHANGED CAT B CIRCLING MDA/HAA FROM 1280/490 TO 1340/550 - NEW CONTROLLING OBSTACLE.
4. ADDED MAX 6000 AT SILIW HOLDING PATTERN TO 8260-3 LINE 2 - IAW 8260.19H, PARA 8-6-7B(2).
5. CHANGED "FORNA/2.10 NM TO RW18" TO "FORNA/2.07 NM TO RW18" ON 8260-3 LINE 4 - STEPDOWN FIX (FORNA) MOVED 181 FEET TO MAKE DESCENT ANGLE 3.00 DEGREES FOR FAF - STEPDOWN - MAP.
6. ADDED "20:1 IS CLEAR" TO 8260-3 LINE 7 - IAW 8260.19H, PARA 8-6-7G(3).
7. CHANGED "DISTANCE TO THLD FROM 250 HAT: 0.68 NM" TO "DISTANCE TO THLD FROM 250 HAT: 0.67NM" IN ADDITIONAL FLIGHT DATA - UPDATED EVALUATION.
8. ADDED "RNP APCH" TO PBN REQUIREMENTS NOTE - IAW 8260.19H, PARA 8-6-8B(1) AND MEMO 266 DATED 7/18/18.
9. DELETED "CHART NOTE: DME/DME RNP-0.3 NA" - IAW 8260.19H, PARA 4-6-10E AND MEMO 266 DATED 7/18/18.
10. CHANGED "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV BELOW -16C (4F) OR ABOVE 54C (130F)" TO "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV BELOW -16C OR ABOVE 54C" - IAW 8260.19H, PARA 8-6-9R(4)S.
11. CHANGED "CHART NOTE: CIRCLING RWY 11, 29 NA AT NIGHT" TO "CHART NOTE: CIRCLING RWY 29 NA AT NIGHT" - UPDATED EVALUATION, RWY 11 20:1 PENETRATIONS HAVE BEEN REMOVED.
12. CHANGED CRC REMAINDER FROM 41CCC1BC TO 8B98212B - UPDATED EVALUATION AND UPDATED FPAP COORDINATES.
13. MOVED ALL REFERENCE OF SKYLARK FIELD ALTIMETER SETTING TO -9 - LOCAL WEATHER TRANSMITTED ON WMSCR AND DEEMED RELIABLE.
14. DELETED @ NA WHEN LOCAL WEATHER NOT AVAILABLE - IAW 8260.19H, PARA 8-6-11B(4).

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: AMGR, GTU ATCT, ZHU

FLIGHT CHECKED BY

BRYAN VIET

DEVELOPED BY

DIANE S LAIR

APPROVED BY

PATRICK MULQUEEN

Digitally signed by

DIANE S LAIR

Feb 20, 2019

Digitally signed by
DAVID TEFFETELLER
May 14, 2019

Digitally signed by
DAVID TEFFETELLER
May 14, 2019

OFFICE

FICO

OFFICE

AJV-A433

OFFICE

AJV-A43

DATE

5/10/19

DATE

01/17/2019

DATE

TITLE
MANAGER

QUALITY
41
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KGTU
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	304109.2435N
LTP/FTP LONGITUDE	0974040.5015W
LTP/FTP ELLIPSOIDAL HEIGHT	+02133
FPAP LATITUDE	303940.1085N
FPAP LONGITUDE	0974046.8800W
THRESHOLD CROSSING HEIGHT (TCH)	00035.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	8B98212B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+02395
FPAP ORTHOMETRIC HEIGHT	+02395

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41
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