

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> HAMILTON MUNI	<u>AIRPORT ID</u> KMNZ	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> 1C	<u>CITY</u> HAMILTON	<u>STATE</u> TX
<u>AIRPORT ELEVATION</u> 1305	<u>TDZE</u> 1305	<u>SUPERSEDED</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> 1B	<u>DATED</u> 06/20/2019	<u>MAG VAR</u> 7E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 10 OCTOBER 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 1995

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>
SONET		MEZXI		TF	FB	1.00	282.13	22.07	3600
BUILT		ULIGY		TF	FO	1.00	033.27	13.59	3600
MEZXI	IAF	ULIGY	NOPT	TF	FB	1.00	272.06	5.30	3600
ULIGY	IF/IAF	FENIV		TF	FB	1.00	182.01	6.90	2500
FENIV	FAF	KUYNNU/2.20 NM TO RW18		TF	FB	0.30	182.00	1.44	
KUYNNU/2.20 NM TO RW18		RW18	MAP	TF	FO	0.30	182.00	2.20	
RW18	MAP	1555 MSL		CA			182.00		
1555 MSL		USXEL		DF	FO	1.00			3100

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW18

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3100 DIRECT USXEL AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
41
CHECKED

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. HOLD N ULIGY, RT, 182.01 INBOUND, 3600 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 182.00 FAF: FENIV DIST FAF TO MAP: 3.64 DIST FAF TO THLD: 3.64

4. MIN ALT: ULIGY 3600, FENIV 2500, KUYNU/2.20 NM TO RW18 2040*

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 250 HAT: 0.67 GS ANT:

6. MIN GP INCPT: 2500 GP ALT AT FAF : FENIV 2500 OM: MM: IM:

7. GP ANGLE: 3.00 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH: 40.0

8. MSA FROM: RW18 3300

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BUILT ON V161 SOUTHBOUND AND ARRIVALS AT SONET ON V358 NORTHEAST BOUND.

ADDITIONAL FLIGHT DATA:

CHART VDP AT 0.94 NM TO RW18*
*LNAV ONLY
WAAS CHANNEL #72629
REFERENCE PATH ID: W18A
CHART FAS OBST: 1386 POLE 314214N/0980906W.
HOLD S, RT, 001.97 INBOUND
LTP HAE: 369.6 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD

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	1555	1	250	1555	1	250	1555	1	250		NA				
LNAV/VNAV DA	1555	1	250	1555	1	250	1555	1	250		NA				
LNAV MDA	1640	1	335	1640	1	335	1640	1	335		NA				
CIRCLING	1680	1	375	1760	1	455	1900	1 1/2	595		NA				

QUALITY
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CHANGES - REASONS

1. TERMINAL ROUTES: DELETED INTIAL SEGMENT JEN VORTAC TO ULIGY - JEN ON DISCONTINUANCE LIST FOR VOR MON.
2. DELETED PLANVIEW NOTE: CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON JEN VORTAC AIRWAY RADIALS 128 CW 267 - DELETED INTIAL SEGMENT JEN VORTAC TO ULIGY

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZFW, GRK APP CON, AMGR

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE

DATE

DEVELOPED BY

DONALD H. LANIER (MYRON DEBERRY)

Digitally signed by
DONALD H LANIER

DONALD H LANIER

Apr 24, 2019

OFFICE

AJV-A431

DATE

04/05/2019

APPROVED BY

LONNIE EVERHART

Digitally signed by
DONALD H LANIER

Apr 24, 2019

OFFICE

AJV-A430

DATE

TITLE
MANAGER

Apr 24, 2019

QUALITY
41
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMNZ
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	314021.7505N
LTP/FTP LONGITUDE	0980850.5890W
LTP/FTP ELLIPSOIDAL HEIGHT	+03696
FPAP LATITUDE	313853.5500N
FPAP LONGITUDE	0980906.9000W
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	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	6C2D0447

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+03963
FPAP ORTHOMETRIC HEIGHT	+03963

