

**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> CXO	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 19	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>CITY</u> HOUSTON	<u>STATE</u> TX
<u>AIRPORT ELEVATION</u> 245	<u>TDZE</u> 237	<u>SUPERSEDED</u> RNAV (GPS) RWY 19	<u>DATED</u> 06/22/2017	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 5E <u>CANCEL/SUSPEND</u>

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
UYUTE	IAF	IPOME		TF	FB	1.00	102.16	5.00	2000
HUPAK	IAF	IPOME		TF	FB	1.00	282.26	5.00	2000
IPOME	IF	OSRAW		TF	FB	1.00	192.21	6.02	2000
OSRAW	FAF	WETUD/2.00 NM TO RW19		TF	FB	0.30	192.20	3.33	
WETUD/2.00 NM TO RW19		RW19	MAP	TF	FO	0.30	192.20	2.00	
RW19	MAP	527 MSL		CA			192.20		
527 MSL		JEVIB		DF	FB	1.00			
JEVIB		CLEEP		TF	FO	1.00	077.02	14.59	3100

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW19

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3100 DIRECT JEVIB AND LEFT TURN ON TRACK 077.02 TO CLEEP AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT IPOME
- FAC: 192.20 FAF: OSRAW DIST FAF TO MAP: 5.33 DIST FAF TO THLD: 5.33
- MIN ALT: IPOME 2000, OSRAW 2000, WETUD/2.00 NM TO RW19 900
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 290 HAT: 0.78 GS ANT:
- MIN GP INCPT: 2000 GP ALT AT PFAF: OSRAW 2000 OM: MM: IM:
- GP ANGLE: 3.00 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH: 48.6
- MSA FROM: RW19 3100

QUALITY
12
CHECKED

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 19 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DAVID WAYNE HOOKS MEML ALTIMETER SETTING AND INCREASE LPV DA TO 584 FEET AND ALL VISIBILITIES 1/8 SM.
INCREASE LNAV/VNAV DA TO 739 FEET; INCREASE ALL MDAS 60 FEET AND LNAV VISIBILITY CAT C/D 1/8 SM, AND CIRCLING VISIBILITY CAT C/D 1/4 SM.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING DAVID WAYNE HOOKS MEML ALTIMETER SETTING.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 278.00 INBOUND.
CHART FAS OBST: 348 TREE (48-039134) 302215N/0952436W.
CHART 579 TOWER 302401N/0952348W.
CHART VDP AT 1.20 NM TO RW19.
WAAS CHANNEL # 90219
REFERENCE PATH ID: W19A
CHART CIRCLING ICON.
LTP HAE: 42.2 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/4, NA WHEN LOCAL WEATHER NOT AVAILABLE.

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	527	1	290	527	1	290	527	1	290	527	1	290			
LNAV/VNAV DA	682	1 1/2	445	682	1 1/2	445	682	1 1/2	445	682	1 1/2	445			
LNAV MDA	660	1	423	660	1	423	660	1 1/4	423	660	1 1/4	423			
CIRCLING	700	1	455	700	1	455	880	1 3/4	635	960	2 1/4	715			

CHANGES - REASONS

- PROFILE LINE 4: DELETED * FROM SDF WETUD - NO LONGER REQUIRED.
- PROFILE LINE 5: ADDED DISTANCE TO THLD FROM 290 HAT: 0.78 - 8260.19I PARA 8-6-7 (E)(3).
- PROFILE LINE 7: ADDED "20:1: IS CLEAR" - 8260.19I PARA 8-6-7 (G)(3).
- PBN REQUIREMENTS NOTE: ADDED "RNP APCH - GPS" - 8260.19I PARA 8-6-8 (B).
- NOTES: DELETED "DME/DME RNP-0.3 NA - NO LONGER REQUIRED.
- NOTES: CHANGED "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C (5°F) OR ABOVE 48°C (118°F)" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C" - 8260.19I PARA (R).
- NOTES: ADDED CHART NOTE: BACKUP ALTIMETER NOTE - PER FPT.
- NOTES: ADDED CHART NOTE: BARO-VNAV AND VDP NA WHEN USING DAVID WAYNE HOOKS MEML ALTIMETER SETTING - 8260.19I PARA 8-6-9 (E)(8).
- ADDITIONAL FLIGHT DATA: CHANGED CHART FAS OBST FROM "409 TREE 302234N/0952442W" TO "348 TREE (48-039134) 302215N/0952436W" - PER TARGETS BUILD.
- ADDITIONAL FLIGHT DATA: DELETED "DISTANCE TO THLD FROM 290 HAT: 0.78 NM" - NO LONGER REQUIRED, IN PROFILE SECTION.
- ADDITIONAL FLIGHT DATA: DELETED "**LNAV ONLY" - NO LONGER REQUIRED.
- ALTERNATE MINIMUMS: ADDED "NA WHEN LOCAL WEATHER NOT AVAILABLE" - 8260.19I PARA 8-6-11 (B).



COORDINATED WITH:

A4A

☒

ALPA

☒

AOPA

☒

APA

☐

HAI

☐

NBAA

☒

OTHER:

ZHU, I90 APP CON, CXO ATCT, ST AV DIR, AMGR

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

OFFICE

DATE

Digitally signed by

DAVID DANNER

Feb 21, 2024

DEVELOPED BY

STEVEN DOUGHERTY

Digitally signed by

DAVID DANNER

Feb 21, 2024

OFFICE

AJV-A421

DATE

12/20/2023

APPROVED BY

DAVID DANNER

Digitally signed by

DAVID DANNER

Feb 21, 2024

OFFICE

AJV-A421

DATE

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

0
0
KCXO
RW19
0
0
W19A
302131.5055N
0952453.2770W
+00422
302006.1795N
0952523.6880W
00048.6
F
03.00
106.75
1224
40.0
50.0

CRC REMAINDER

2B315EDE

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K4
+00697
+00697



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD**

AIRPORT ID
CXO

PROCEDURE NAME
RNAV (GPS) RWY 19

AMDT NO.
ORIG-B

CITY
HOUSTON

STATE
TX

AIRPORT ELEVATION
245

FACILITY
RNAV

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM
UYUTE

TO
IPOME

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>
1. TOWER (48-002706)	303204.08N/0952400.24W	996	50	20	2C	1000					2000
2. TERRAIN	303206.00N/0952354.00W	450 (500)								AS1500	2000

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL

FROM
HUPAK

TO
IPOME

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>
3. TOWER (48-014430)	303113.76N/0951957.79W	677	500	50	5D	1000				AT323	2000
4. TERRAIN	303215.00N/0952054.00W	430 (400)								AS1500	1900

COMPUTATIONS

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

SEGMENT REMARKS:

QUALITY
12
CHECKED

INTERMEDIATE

FROM

IPOME

TO

OSRAW

RNP

1.00

DISTANCE

6.02

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
1. TOWER (48-002706)	303204.08N/0952400.24W	996	50	20	2C	500				AT504	2000
5. TERRAIN	303209.00N/0952330.00W	440 (400)								AS1500	1900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LPV

FROM

OSRAW

TO

RW19

RNP

0.30

DISTANCE

5.33

PAT

MAP

DA

HAT

290

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (48-039114)	302157.06N/0952447.77W	319	20	10	1B		34:1			AC10 MA198	527

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV/VNAV

FROM

OSRAW

TO

RW19

RNP

0.30

DISTANCE

5.33

PAT

MAP

DA

HAT

445

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (48-039134)	302215.17N/0952436.10W	348	20	10	1B	161				AC10 MA163	682

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM

OSRAW

TO

WETUD/2.00 NM TO RW19

RNP

0.30

DISTANCE

3.33

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (48-014503)	302401.10N/0952347.60W	579	50	20	2C	250				RA60	900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV STEPDOWN

FROM

WETUD/2.00 NM TO RW19

TO

RW19

RNP	DISTANCE	PAT	MAP	HAT	HMAS						
0.30	2.00		RW19	423							
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (48-039134)	302215.17N/0952436.10W	348	20	10	1B	250				XP60	660

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

XP = MAINTAIN CURRENT MINIMUMS.

MISSED APPROACH: LPV

FROM

DA

TO

CLEEP

RNP	DISTANCE	PAT	MAP	HAT	HMAS						
0.30					319						
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3100
TOWER (48-005943)	301545.40N/0951447.94W	1347	20	3	1A	1000					2400
TERRAIN	302027.00N/0952433.00W	298 (300)								AS1500	1800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH: LNAV/VNAV

FROM

DA

TO

CLEEP

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
0.30							521				
<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				3100
TOWER (48-005943)	301545.40N/0951447.94W	1347	20	3	1A	1000					2400
TERRAIN	302027.00N/0952433.00W	298 (300)								AS1500	1800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LNAV

FROM

RW19

TO

CLEEP

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
0.30-1.00							560				
<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				3100
TOWER (48-005943)	301545.40N/0951447.94W	1347	20	3	1A	1000					2400
TERRAIN	302027.00N/0952433.00W	298 (300)								AS1500	1800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



AIRPORT ID

CXO

PROCEDURE NAME

RNAV (GPS) RWY 19

AMDT NO.

ORIG-B

CITY

HOUSTON

STATE

TX

AIRPORT ELEVATION

245

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											
13. TANK (48-004795)	302047.00N/0952616.00W	1.30	455	399	20	10	1B	300			700
CATEGORY B											
13. TANK (48-004795)	302047.00N/0952616.00W	1.81	455	399	20	10	1B	300			700
CATEGORY C											
14. TOWER (48-014503)	302401.10N/0952347.60W	2.85	635	579	50	20	2C	300			880
CATEGORY D											
TOWER (48-014503)	302401.10N/0952347.60W	3.72	715	579	50	20	2C	300		XP81	960

CIRCLING REMARKS:
XP = MAINTAIN CURRENT MINIMUMS

MSA

CENTER

RW19

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TWR (48-009465)	301351.00N/0950726.00W	112	16.9	2049	500	50	5D	1000			3100

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:
#1 INTERMEDIATE OBSTACLE LOCATED 2288.84 FEET INTO THE SECONDARY AREA.
INSIDE EXPANSION EVALUATED NOT DRAWN DUE TO CHART CLUTTER.



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

I90 APP CON, CXO TOWER, ZHU ARTCC

<u>WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>SERVICE-A</u>	<u>ADJUSTMENTS</u>
ASOS	CXO	24	CXO	0	Y	0
<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>SERVICE-A</u>	<u>ADJUSTMENTS</u>
ASOS	DWH	24	DWH	18.91	Y	57

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KCXO 245 KDWH 152
RA = 56.4

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>	
RW01 - MIRL, PAPI-2L	NPI-G		
RW19 - MIRL, PAPI-2L	NPI-G		
RW32 - REIL (PCL), HIRL (PCL), PAPI-2L	NPI-G		
RW14 - MALSR, HIRL (PCL), PAPI-4L	PIR-G		

<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u>	<u>TCH</u>
3.00	228.7	48.6			3.00	48.6

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<div>X</div>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<div>X</div>	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
-15C	+54C	-15C	+14.52C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 958 HIGH TEMP 1264.



"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	LPV/LNAV/VNAV/LNAV		
34:1			
321 TREE (48-116253) 302157.3800N/0952450.5200W (22.63)		319 TREE (48-039114) 302157.0600N/0952447.7700W (19.44)	
347 TREE (48-039091) 302206.0400N/0952434.0400W (11.5)			
PENETRATIONS REMARKS:			

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

VEGETATION HEIGHT: 100 FT.
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	3.21
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	197.20
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	300
DISTANCE FROM	THLD	TO 1500FT POINT	4.93
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.76
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	197.20
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	300

THRESHOLD COORDINATES (IF STR-IN)	302131.51N/0952453.28W
ARP COORDINATES	302112.22N/0952454.30W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 32 DISTANCE 0.62 NM
FAF COORDINATES	302637.76N/0952304.00W
FIX NAME COORDINATES	

REMARKS



<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>
CXO	RNAV (GPS) RWY 19	ORIG-B	HOUSTON	TX	245	RNAV
PART E: PREPARED BY						
<u>NAME</u>			<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>	
STEVEN DOUGHERTY			AJV-A421	12/20/2023	AERONAUTICAL INFORMATION SPECIALIST	

