

**RNAV - STANDARD  
INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.33**

Bearings, headings, courses, 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 in feet RVR.

**TERMINAL ROUTES**

**MISSED APPROACH**

FROM	TO	COURSE AND DISTANCE	ALTITUDE
IWUHU (IAF)	BRZZI (TF) (FB) (RNP 1.00)	230.60 / 3.50	3000
BRZZI	RILAY (TF) (FB) (RNP 1.00)	230.57 / 3.50	2400
RILAY (IF)	NORLE (TF) (FB) (RNP 1.00)	320.54 / 6.30	2000
NORLE (FAF)	CAGAR/1.40 NM TO RW32 (TF) (RNP 0.30)	320.51 / 3.97	
CAGAR/1.40 NM TO RW32	RW32 (MAP) (TF) (FO) (RNP 0.30)	320.51 / 1.40	

(SEE FORM 8260-10)

THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 17-11.

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW32

CLIMB TO 2100 DIRECT AXTEP AND HOLD.

ADDITIONAL FLIGHT DATA:  
HOLD NW, RT, 140.41 INBOUND.  
CHART FAS OBST: 324 TREE 302057N/0952414W  
DISTANCE TO THLD FROM 250 HAT: 0.64 NM.  
WAAS CHANNEL # 62819  
REFERENCE PATH ID: W32A  
CHART CIRCLING ICON.  
LTP HAE: 46 M

MAG VAR: 5E      EPOCH YEAR: 2000

- PT        SIDE OF COURSE        OUTBOUND        FT WITHIN        MILES OF        (IAF)
- PROFILE STARTS AT RILAY
- FAC: 320.51 FAF: NORLE DIST FAF TO MAP: 5.37 THLD: 5.37
- MIN. ALT: RILAY 2400, NORLE 2000, CAGAR/1.40 NM TO RW32 720\*
- DIST TO THLD FROM OM:        MM:        IM:        150 HAT:        100 HAT:        GS ANT:
- MIN GS INCPT: 2000 GS ALT AT: NORLE 2000 OM:        MM:        IM:
- GS ANGLE: 3.00 TCH: 50.0 34:1 IS NOT CLEAR
- MSA FROM: RW32 3100

**MINIMUMS**

TAKEOFF:	SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: N A			STANDARD @					
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	495	3/4	250	495	3/4	250	495	3/4	250	495	3/4	250			
LNAV/VNAV DA	505	7/8	260	505	7/8	260	505	7/8	260	505	7/8	260			
LNAV MDA	580	1	335	580	1	335	580	1	335	580	1	335			
CIRCLING	700	1	455	700	1	455	880	1 3/4	635	960	2 1/4	715			

NOTES:  
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -6C (-22F) OR ABOVE 54C (130F). @ CAT D 800-2 1/4  
 CHART NOTE: RWY 32 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. ←  
 CHART NOTE: DME/DME RNP-0.3 NA.  
 \*LNAV ONLY



CITY AND STATE <b>HOUSTON, TX</b>	ELEVATION: 245      TDZE: 245 AIRPORT NAME: <b>CONROE-NORTH HOUSTON RGNL</b>	FACILITY IDENTIFIER: <b>RNAV</b>	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: <b>RNAV (GPS) RWY 32, AMDT 2A</b> 22 JUNE 2017	SUP: AMDT: <b>2</b> DATED <b>03/05/2015</b>
--------------------------------------	--	-------------------------------------	---	---

**US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**RNAV - STANDARD**  
**INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33**

Bearings, headings, courses, 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 in feet RVR.

**TERMINAL ROUTES, (CONT.):**

<u>FROM</u>	<u>TO</u>	<u>COURSE AND DISTANCE</u>	<u>ALTITUDE</u>
RW32 (MAP)	495 MSL	320.51	
495 MSL	AXTEP (DF) (FO) (RNP 1.00)		2100



CITY AND STATE <b>HOUSTON, TX</b>	ELEVATION: 245 AIRPORT NAME: <b>CONROE-NORTH HOUSTON RGNL</b>	TDZE: 245	FACILITY IDENTIFIER: <b>RNAV</b>	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: <b>RNAV (GPS) RWY 32, AMDT 2A</b> 22 JUNE 2017	SUP:
					AMDT: <b>2</b>
					DATED: <b>03/05/2015</b>

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE  
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

Bearings, headings, courses, 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 in feet RVR.

**FAS DATA BLOCK INFORMATION**

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCXO
RUNWAY	RW32
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W32A
LTP/FTP LATITUDE	302044.5400N
LTP/FTP LONGITUDE	0952425.1010W
LTP/FTP ELLIPSOIDAL HEIGHT	+00460
FPAP LATITUDE	302158.1220N
FPAP LONGITUDE	0952523.4670W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0464
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 <u>CRC REMAINDER</u>	 3BF90D07

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00735
FPAP ORTHOMETRIC HEIGHT	+00735



CITY AND STATE <b>HOUSTON, TX</b>	ELEVATION: 245      TDZE: 245 AIRPORT NAME: <b>CONROE-NORTH HOUSTON RGNL</b>	FACILITY IDENTIFIER: <b>RNAV</b>	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: <b>RNAV (GPS) RWY 32, AMDT 2A</b> 22 JUNE 2017	SUP:
				AMDT: <b>2</b>
				DATED: <b>03/05/2015</b>