

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29**

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> KLBX	<u>PROCEDURE NAME</u> ILS OR LOC RWY 17	<u>ORIGINAL/AMENDMENT</u> 8	<u>CITY</u> ANGLETON/LAKE JACKSON	<u>STATE</u> TX		
<u>AIRPORT ELEVATION</u> 25	<u>TDZE</u> 25	<u>SUPERSEDED</u> ILS OR LOC RWY 17	<u>ORIGINAL/AMENDMENT</u> 7	<u>DATED</u> 10/10/2019	<u>MAG VAR</u> 5E	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> I-LBX	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 3 NOVEMBER 2022	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

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>
VUH VOR/DME		FRATI/I-LBX 7.41 DME	FAF/IAF				258.65	31.35	3100

MISSED APPROACH

MAP:

ILS: DA
LOC: I-LBX 1.37 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 600 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 090 AND VUH VOR/DME R-243 TO DELVE/VUH 22.05 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 1200 THEN CLIMBING RIGHT TURN TO 2100 ON HEADING 360 FOR RADAR VECTORS (RADAR REQUIRED).

PROFILE:

1. PT L SIDE OF COURSE 354.93 OUTBOUND 2500 FT WITHIN 10 MILES OF FRATI (IAF)
2.
3. FAC: 174.93 FAF: FRATI/I-LBX 7.41 DME DIST FAF TO MAP: DIST FAF TO THLD: 6.04
4. MIN ALT: FRATI/I-LBX 7.41 DME 2000, WUPEN/I-LBX 4.08 DME 920
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: 990
6. MIN GS INCPT: 2000 GS ALT AT PFAF: FRATI/I-LBX 7.41 DME 2000 OM: MM: IM:
7. GP ANGLE: 3.00 34:1 20:1 TCH: 51.7
8. MSA FROM: ARP KLBX 3100

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.



NOTES:

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON VUH VOR/DME AIRWAY RADIALS 243 CW 273.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 17 CAT C/D VISIBILITY TO 7/8 SM.
CHART NOTE: CIRCLING NA E OF RWY 17-35.

ADDITIONAL FLIGHT DATA:

CHART IN PLANVIEW: VUH VOR/DME 31.35 DME AT FRATI.
HOLD SW, RT, 062.58 INBOUND.
CHART FAS OBST: 75 TREE (48-043831) 290732N/0952739W.
CHART VDP AT 2.19 DME
DISTANCE VDP TO THLD 0.82 NM.
CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA ☒

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
S-ILS 17	225	1/2	200	225	1/2	200	225	1/2	200	225	1/2	200			
S-LOC 17	340	1/2	315	340	1/2	315	340	1/2	315	340	1/2	315			
CIRCLING	500	1	475	500	1	475	500	1 1/2	475	620	2	595			

CHANGES - REASONS

1. AMENDED PROCEDURE TURN COMPLETION ALTITUDE FROM "2100" TO "2500" - NEW CONTROLLING OBSTACLE AND INCORPORATE NOTAM FDC 2/4794
2. AMENDED TERMINAL ROUTE (VUH VOR/DME-FRATI) DME/COURSE/DISTANCE FROM "6.15/256.38/31.50" TO "7.41/258.65/31.35" - FAC (FRATI) LOCATION MOVED.
3. LINE 1: OUTBOUND ALTITUDE CHANGED FROM "2100" TO "2500", REMOVED "I-LBX 6.15 DME" FROM "MILES OF" --INCORPORATE NOTAM FDC 1/8257 AND 8260.19I 8-6-7(1).
4. LINE 3: AMENDED FAF FROM "FRATI/I-LBX 6.15 DME" TO "FRATI/I-LBX 7.41 DME", UPDATED FAF TO THLD FROM "4.78" TO "6.04" - FAC (FRATI) LOCATION MOVED.
5. AMENDED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 600 THEN CLIMBING LEFT TURN TO 3000 ON VUH VOR/DME R-243 TO DELVE/VUH 22.05 DME AND HOLD" TO "CLIMB TO 600 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 090 AND VUH VOR/DME R-243 TO DELVE/VUH 22.05 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000" - IAW 8260.19I PARA 8-6-6 D (7) AND CLIMB IN HOLD REQUIRED IAW 8260.19I 8-6-6 G (1)
6. REMOVED ""LOC ONLY" FROM ADDITIONAL FLIGHT DATA - IAW 8260.19I, 8-6-10.M MEMO.
7. AMENDED CHART IN PLANVIEW NOTE FROM "VUH VOR/DME 31.50 DME AT FRATI" TO "VUH VOR/DME 31.35 DME AT FRATI" IN ADDITIONAL FLIGHT DATA - FAC (FRATI) LOCATION MOVED.
8. AMENDED CHART FAS OBST FROM "75 TREE 290720N/0952753W" TO "75 TREE (48-043831) 290732N/0952739W" IN ADDITIONAL FLIGHT DATA - NEW OBSTACLE FOUND.
9. AMENDED PFAF ALTITUDE FROM 1600 TO 2000 - IAW 8260.3E 10-1-3 B (1).
10. AMENDED ALTERNATE MINS FROM "ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE; LOC: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE" TO "NA" - IAW 8260.19I PARA 2-4-5C(1).



COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZHU, IAH APP CONTROL, AMGR, ST AV DIR

FLIGHT CHECKED BY

MICHAEL S MILLER

Digitally signed by

JULIE A MORGAN

Sep 09, 2022

OFFICE

FPO

DATE

09/07/2022

DEVELOPED BY

ANA VEGA

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Jun 15, 2022

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Jul 14, 2022

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