

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</u> SUGAR LAND RGNL	<u>AIRPORT ID</u> KSGR	<u>PROCEDURE NAME</u> ILS OR LOC RWY 35	<u>ORIGINAL/AMENDMENT</u> 5	<u>CITY</u> HOUSTON	<u>STATE</u> TX	
<u>AIRPORT ELEVATION</u> 82	<u>TDZE</u> 78	<u>SUPERSEDED</u> ILS OR LOC RWY 35	<u>ORIGINAL/AMENDMENT</u> 4A	<u>DATED</u> 04/02/2015	<u>MAG VAR</u> 5E	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> I-TXH	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 20 JUNE 2019	<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>

MISSED APPROACH

MAP:

ILS: DA
LOC: 5.24 NM AFTER HULLO/I-TXH 6.29 DME OR AT I-TXH 1.05 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 900 THEN CLIMBING LEFT TURN TO 2000 ON I-TXH LOCALIZER SOUTH COURSE TO HULLO/I-TXH 6.29 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT R SIDE OF COURSE 170.28 OUTBOUND 2200 FT WITHIN 10 MILES OF HULLO/I-TXH 6.29 DME (IAF)
-
- FAC: 350.28 FAF: HULLO/I-TXH 6.29 DME DIST FAF TO MAP: 5.24 DIST FAF TO THLD: 5.24
- MIN ALT: HULLO/I-TXH 6.29 DME 1800, LICIK/I-TXH 2.60 DME 540*
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: 1046
- MIN GS INCPT: 1800 GS ALT AT FAF : HULLO/I-TXH 6.29 DME 1800 OM: MM: IM:
- GP ANGLE: 3.00 34:1: 20:1: TCH: 56.2
- MSA FROM: IAH VORTAC 3100 (27NM)

EQUIPMENT REQUIREMENTS NOTES:

EQUIPMENT REQUIREMENTS NOTE: DME REQUIRED.
EQUIPMENT REQUIREMENTS NOTE: RADAR REQUIRED FOR PROCEDURE ENTRY.



NOTES:

CHART NOTE: VDP NA WHEN USING WILLIAM P. HOBBY ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WILLIAM P HOBBY ALTIMETER SETTING AND INCREASE ALL DA 51 FEET AND ALL MDA 60 FEET AND S-LOC 35 CAT C/D VISIBILITY 1/8 MILE, AND CIRCLING CAT C/D VISIBILITY 1/4 MILE.

CHART PROFILE NOTE: *600 WHEN USING WILLIAM P. HOBBY ALTIMETER SETTING.

ADDITIONAL FLIGHT DATA:

CHART MAXIMUM 6,000 AT HULLO.
CHART IN PLANVIEW (CFDXZ) AT 292546.58N/0953818.11W.
CHART CIRCLING ICON.
CHART VDP AT 1.90 DME*
DISTANCE VDP TO THLD 0.85 NM
* LOC ONLY
CHART FAS OBST: 139 TREE 293612N/0953925W.
HOLD S, LT, 350.28 INBOUND

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED.; LOC: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED.

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
S-ILS 35	278	3/4	200	278	3/4	200	278	3/4	200	278	3/4	200			
S-LOC 35	400	1	322	400	1	322	400	1	322	400	1	322			
CIRCLING	720	1	638	720	1	638	720	1 3/4	638	720	2	638			

CHANGES - REASONS

1. ADDITIONAL FLIGHT DATA: ADDED CHART CIRCLING ICON - NEW CIRCLING CRITERIA APPLIED.
2. CHANGED FAF NAME FROM JWKGD TO CFDXZ - IAW 8260.19H PARA 2-10-5A(4).
3. INCREASED INITIAL ALTITUDE (PROCEDURE TURN OUTBOUND) FROM 2000 TO 2200 - PROCEDURE TURN ENTRY HAS TALL TOWERS IN THE SECONDARY AREA OF PT ENTRY.
4. MSA NOW BASED ON IAH VORTAC AND RADIUS INCREASED FROM 25 NM TO 27 NM - IAW 8260.3D PARA 2-3-2B(1); HUB VOR/DME DECOMM).
5. NOTES: ADDED EQUIPMENT REQUIREMENTS NOTE: DME REQUIRED - PER FPT REQUEST (HUB VOR/DME DECOMM).
6. REWORDED WILLIAM P HOBBY REMOTE ALTIMETER SETTING NOTE - NEW WORDING MORE CONCISE.
7. DELETED AN ALTERNATE MINIMUMS NOTE: ILS# CAT A, B, C, D 700-2 - PER VISCHECK.
8. NOTES: DELETED CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 17 NA AT NIGHT - 20:1 PENETRATION REMOVED.
9. DELETED LICIK FIX MINIMUMS AND LOWERED S-LOC MINIMUMS FROM MDA 540/HAT 462 TO MDA 400/HAT 322 ALL CATS - DME IS NOW REQUIRED FOR ALL FIXES WITH THE DECOMMISSIONING OF HUB VOR/DME.



COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZHU, AMGR, IAH APP CON, SGR ATCT

FLIGHT CHECKED BY

ANTHONY D VALLERA

OFFICE

FICO

DATE

1/10/19

Digitally signed by

ALLAN WILL

Jan 29, 2019

DEVELOPED BY

MARK CIARLONE

Digitally signed by

MARK CIARLONE

Dec 06, 2018

OFFICE

AJV-5423

DATE

10/22/2018

Digitally signed by

ALLAN WILL

Jan 29, 2019

APPROVED BY

JULIE MORGAN

OFFICE

AJV-5420

DATE

TITLE
MANAGER

