

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
LOC STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.25

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> WILLIAM P HOBBY	<u>AIRPORT ID</u> KHOU	<u>PROCEDURE NAME</u> LOC RWY 22	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> HOUSTON	<u>STATE</u> TX
<u>AIRPORT ELEVATION</u> 46	<u>TDZE</u> 41	<u>SUPERSEDED</u> LOC RWY 22	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 05/29/2014	<u>MAG VAR</u> 3E
<u>FACILITY</u> I-OIB	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 20 JUNE 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2015

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>
KAFDO INT/I-OIB 11.99 DME	IF	AVVOS INT/I-OIB 4.51 DME					220.96	7.49 (I-OIB)	1600

MISSED APPROACH

MAP:

LOC: 4.67 NM AFTER AVVOS INT/I-OIB 4.51 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT EISEN AND ON TRACK 225.21 TO ACOLA AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
2. PROFILE STARTS AT KAFDO
3. **FAC:** 220.96 **FAF:** AVVOS INT/I-OIB 4.51 DME **DIST FAF TO MAP:** 4.67 **DIST FAF TO THLD:** 4.67
4. **MIN ALT:** KAFDO INT/I-OIB 11.99 DME 2000, AVVOS INT/I-OIB 4.51 DME 1600
8. **MSA FROM:** IAH VORTAC 015-230 3100, 230-015 2400

EQUIPMENT REQUIREMENTS NOTES:

RNAV 1-GPS REQUIRED.
RADAR REQUIRED FOR PROCEDURE ENTRY.

NOTES:

CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 22 CAT C/D/E VISIBILITY TO 1 3/8 SM.



ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
AVVOS TO RW22: 3.05/49.
CHART VDP AT 1.12 DME
DISTANCE VDP TO THLD 1.29 NM
FAS OBST: 245 AAO 294149N/0951344W.
CHART: 280 STACK 294318N/0951229W.
HOLD SW, LT, 041.00 INBOUND

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

ALTERNATE: NA ☐ LOC: STANDARD - CAT D 800-2 1/4, CAT E 800-2 3/4

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-LOC 22	500	3/4	459	500	3/4	459	500	1	459	500	1	459	500	1	459
CIRCLING	500	1	454	520	1	474	540	1 1/2	494	740	2 1/4	694	820	2 3/4	774

CHANGES - REASONS

- MSA CHANGED FROM HUB VOR/DME TO IAH VORTAC - HUB VOR/DME DECOMMISSIONED.
- DELETED PREVIOUS (CONVENTIONAL) MISSED APPROACH, ADDED GPS-REQUIRED MISSED APPROACH TO MIRROR THE RNAV (GPS) RWY 22 - FPT REQUEST DUE TO DECOMMISSIONING OF HUB VOR/DME.
- ADDED EQUIPMENT REQUIREMENTS NOTE FOR "RNAV 1-GPS REQUIRED" - GPS REQUIRED FOR MISSED APPROACH.
- REPLACED PLANVIEW NOTE "RADAR REQUIRED" WITH EQUIPMENT REQUIREMENTS NOTE "RADAR REQUIRED FOR PROCEDURE ENTRY" - CURRENT DOCUMENTATION POLICY.
- UPDATED INOPERATIVE ALS NOTE FROM "DOES NOT APPLY TO CAT C" TO "INCREASE S-LOC 22 CAT C/D/E VISIBILITY TO 1 3/8 SM" - CURRENT CALCULATIONS.
- ADDED CIRCLING ICON - CURRENT AREAS EVALUATED.
- CHANGED VDA FROM 3.04/52 TO 3.05/49 - VGSI TCH 49.3, RECALCULATED ANGLE.
- VDP MOVED FROM 1.00 DME/1.16 MILES TO THLD TO 1.12 DME/1.29 NM FROM THLD - INCREASED MDA.
- MISSED APPROACH HOLD INBOUND COURSE CHANGED FROM 040.64 TO 041.00 - FPT REQUEST TO MATCH RNAV (GPS) RWY 22.
- ALTERNATE MINIMUMS UPDATED FROM "CAT E 900-3" TO "CAT D 800-2 1/4, CAT E 800 2 3/4" - CIRCLING HAAS CHANGED.
- S-LOC 22 MDA/HAA ALL CATS CHANGED FROM 460/419 TO 500/459 - NEW CONTROLLING OBSTACLE.
- S-LOC 22 VIS CATS C/D/E CHANGED FROM 1 1/4 TO 1 - RECALCULATION USING CURRENT CRITERIA.
- CIRCLING CAT A MDA/HAA LOWERED FROM 520/474 TO 500/454 - NEW CONTROLLING OBSTACLE.
- CIRCLING CAT C MDA/HAA INCREASED FROM 520/474 TO 540/494 - NEW CONTROLLING OBSTACLE.
- CIRCLING CAT D MDA/VIS/HAA INCREASED FROM 600/2/554 TO 740/2 1/4/694 - NEW CONTROLLING OBSTACLE.
- CIRCLING CAT E MDA/VIS/HAA DECREASED FROM 860/3/814 TO 820/2 3/4/774 - NEW CONTROLLING OBSTACLE.
- KAFDO DME CHANGED FROM 12.00 TO 11.99 - DME SOURCE COORDINATES UPDATED BY NEW SURVEY.
- AVVOS DME CHANGED FROM 4.52 TO 4.51 - DME SOURCE COORDINATES UPDATED BY NEW SURVEY.

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZHU, HOU ATCT, AIRPORT MANAGER, ST. AV. DIR.

Digitally signed by

FLIGHT CHECKED BY DAVID DANNER

BRIAN HARRELSON Apr 04, 2019

Digitally signed by

DEVELOPED BY RUSSELL ROSLEWSKI

Dec 17, 2018

APPROVED BY JULIE MORGAN

Digitally signed by

DAVID DANNER

Apr 04, 2019

OFFICE

FICO

OFFICE

AJV-5421

OFFICE

AJV-5420

DATE

4/3/19

DATE

11/20/2018

DATE

TITLE
MANAGER

