

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> KHYI	<u>PROCEDURE NAME</u> ILS OR LOC RWY 13	<u>ORIGINAL/AMENDMENT</u> 6D	<u>CITY</u> AUSTIN	<u>STATE</u> TX		
<u>AIRPORT ELEVATION</u> 595	<u>TDZE</u> 593	<u>SUPERSEDED</u> ILS OR LOC RWY 13	<u>ORIGINAL/AMENDMENT</u> 6C	<u>DATED</u> 05/21/2020	<u>MAG VAR</u> 7E	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> I-RUM	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 12 AUGUST 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 21-15

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
CWK VORTAC		GARYS LOM/INT					215.05	33.26	3700
SAT VORTAC		GARYS LOM/INT					046.71	32.72	3500

MISSED APPROACH

MAP:

ILS: DA
LOC: 5.54 NM AFTER GARYS LOM/INT

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 3200 DIRECT GARYS LOM/INT AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 5000 ON HEADING 315 AND STV VORTAC R-105 TO BETTI INT/STV 36.75 DME AND HOLD.

PROFILE:

1. PT R SIDE OF COURSE 305.87 OUTBOUND 3200 FT WITHIN 15 MILES OF GARYS LOM/INT (IAF)

2.

3. FAC: 125.87 FAF: GARYS LOM/INT DIST FAF TO MAP: 5.54 DIST FAF TO THLD: 5.54

4. MIN ALT: GARYS LOM/INT 2700

5. DIST TO THLD FROM OM: 5.54 MM: IM: 150 HAT: GS ANT: 1134

6. MIN GS INCPT: 2700 GS ALT AT FAF : OM: 2441 MM: IM:

7. GP ANGLE: 3.00 34:1: 20:1: TCH: 57.0

8. MSA FROM: RU OM 3100

EQUIPMENT REQUIREMENTS NOTES:

ADF REQUIRED.



NOTES:

CHART NOTE: CIRCLING NA FOR CAT E SW OF RWY 13-31.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 13 ALL CATS.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON SAT VORTAC AIRWAY RADIALS 002 CW 081.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON CWK VORTAC AIRWAY RADIALS 222 CW 271.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 13 CAT C/D/E VISIBILITY TO 1 7/8 SM.

ADDITIONAL FLIGHT DATA:

HOLD NW, LT, 125.87 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD E BETTI INT/STV 36.75 DME, RT, 285.00 INBOUND.
CHART FAS OBST: 1009 TREES 295701N/0975644W.
CHART IN PLANVIEW: BETTI INT/STV 36.75 DME.
CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA ☒

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 13	793	3/4	200	793	3/4	200	793	3/4	200	793	3/4	200	793	3/4	200
S-LOC 13	1260	3/4	667	1260	3/4	667	1260	1 3/4	667	1260	1 3/4	667	1260	1 3/4	667
CIRCLING	1260	1	665	1260	1	665	1260	1 7/8	665	1320	2 1/4	725	1340	2 3/4	745

CHANGES - REASONS

1. CHANGES FROM P-NOTAMS AMDT 6A, 6B AND 6C INCORPORATED INTO THIS FORM - IAW 8260-19I.
2. REMOVED “; OR WHEN DIRECTED BY ATC” AND “E, RT, 285.00 INBOUND” FROM ALTERNATE MISSED APPROACH INSTRUCTIONS - IAW 8260-19I.
3. REMOVED CHART NOTE: ADF REQUIRED FROM NOTES AND ADDED ADF REQUIRED TO EQUIPMENT REQUIREMENTS NOTES - IAW 8260-19I.
4. CHANGED CHART NOTE FROM “FOR INOPERATIVE MALSR, INCREASE S-ILS 13 CAT E VISIBILITY 1/4 MILE, AND S-LOC 13 CAT E 1/2 MILE” TO “FOR INOPERATIVE ALS, INCREASE S-LOC 13 CAT C/D/E VISIBILITY TO 1 7/8 SM.” - NEW CHART NOTE WORDING IAW 8260-19I.
5. CHANGED CHART NOTE FROM “CIRCLING CAT E NA SW OF RWY 13-31” TO “CIRCLING NA FOR CAT E SW OF RWY 13-31” - NEW CHART NOTE WORDING IAW 8260-19I.
6. ADDED CHART PLANVIEW NOTE: “PROCEDURE NA FOR ARRIVAL ON CWK VORTAC AIRWAY RADIALS 222 CW 271” AND “PROCEDURE NA FOR ARRIVAL ON SAT VORTAC AIRWAY RADIALS 002 CW 081” - IAW 8260.19I.
7. ADDED CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 13 ALL CATS - IAW 8260.19I.
8. INCREASED S-ILS 13 ALL CATS VISIBILITY FROM 1/2 TO 3/4; S-LOC 13 CATS A/B VISIBILITY FROM 1/2 TO 3/4, CAT C FROM 1 1/4 TO 1 3/4, CAT D FROM 1 1/2 TO 1 3/4, AND CAT E FROM 2 3/4 TO 1 3/4; CIRCLING CAT C FROM 1 3/4 TO 1 7/8 - NEW VIS CHECK CALCULATION ALS CHANGED FROM MALSR TO MALS.

6/23/2021: THIS IS A CORRECTED COPY OF THE FORM APPROVED 5/19/2021.

1. CHANGED ALL REFERENCES OF “BETTI/36.52 DME” TO “BETTI INT/STV 36.75 DME”



COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZHU, AUS APP CON, HYI ATCT, AMGR

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJF-10) MEMO, APRIL 29, 2020, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE

DATE

DEVELOPED BY

DONALD H. LANIER (DEXTER SWEETING)

Digitally signed by

DONALD H LANIER

DONALD H LANIER

Digitally signed by

Jun 23, 2021

OFFICE

AJV-A431

DATE

04/07/2021

APPROVED BY

LONNIE EVERHART

Digitally signed by

DONALD H LANIER

Jun 23, 2021

OFFICE

AJV-A430

DATE

TITLE
MANAGER