

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> KIKV	<u>PROCEDURE NAME</u> ILS OR LOC RWY 36	<u>ORIGINAL/AMENDMENT</u> 3A	<u>CITY</u> ANKENY	<u>STATE</u> IA		
<u>AIRPORT ELEVATION</u> 910	<u>TDZE</u> 891	<u>SUPERSEDED</u> ILS OR LOC RWY 36	<u>ORIGINAL/AMENDMENT</u> 3	<u>DATED</u> 01/05/2017	<u>MAG VAR</u> 3E	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> I-FVH	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 30 NOVEMBER 2023	<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>
ZAGTU INT/I-FVH 12.57 DME/RADAR	IF/IAF	RROBN/I-FVH 5.99 DME/RADAR					357.01	6.58 (I-FVH)	2500

MISSED APPROACH

MAP:

ILS: DA
LOC: 4.90 NM AFTER RROBN/5.99 DME/RADAR OR AT I-FVH 1.09 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 4000 DIRECT TNU VOR/DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 4000 DIRECT DSM VORTAC AND HOLD.

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT ZAGTU
- FAC: 357.01 FAF: RROBN/I-FVH 5.99 DME/RADAR DIST FAF TO MAP: 4.90 DIST FAF TO THLD: 4.90
- MIN ALT: ZAGTU INT/I-FVH 12.57 DME/RADAR 3000, RROBN/I-FVH 5.99 DME/RADAR 2500, PARRI/I-FVH 3.69 DME/RADAR 1760
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: 1046
- MIN GS INCPT: 2500 GS ALT AT PFAF: RROBN/I-FVH 5.99 DME/RADAR 2500 OM: MM: IM:
- GS ANGLE: 3.00 34:1: 20:1: TCH: 51.5
- MSA FROM: TNU VOR/DME 4000

EQUIPMENT REQUIREMENTS NOTE:

DME OR RADAR REQUIRED.



NOTES:

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ZAGTU ON V77 SOUTHWEST BOUND.

ADDITIONAL FLIGHT DATA:

HOLD NE, RT, 236.01 INBOUND.

CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SW DSM VORTAC, RT, 042.03 INBOUND.

CHART FAS OBST: 1079 TOWER (19-055473) 413830N/0933420W.

CHART VDP AT 2.34 DME.

DISTANCE VDP TO THLD 1.25 NM.

CHART IN PLANVIEW: DSM VORTAC.

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 36	1091	3/4	200	1091	3/4	200	1091	3/4	200	1091	3/4	200			
S-LOC 36	1340	1	449	1340	1	449	1340	1 3/8	449	1340	1 3/8	449			
CIRCLING	1560	1	650	1560	1	650	1560	1 3/4	650	1760	2 3/4	850			

CHANGES - REASONS

1. ALTERNATE MISSED APPROACH INSTRUCTIONS: UPDATED INSTRUCTIONS FROM "CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 4000 DIRECT DSM VORTAC AND HOLD SW, RT, 42.03 INBOUND" TO "CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 4000 DIRECT DSM VORTAC AND HOLD" - HOLDING PATTERN INFORMATION PUBLISHED IN ADDITIONAL FLIGHT DATA.
2. PROFILE LINE 4: REMOVED ASTERISK AFTER "PARRI/I-FVH 3.69 DME/RADAR 1760*" - NO LONGER REQUIRED.
3. EQUIPMENT REQUIREMENTS NOTE: MOVED AND UPDATED "CHART NOTE: DME OR RADAR REQUIRED" IN NOTES AND "CHART PLANVIEW NOTE: DME OR RADAR REQUIRED" IN ADDITIONAL FLIGHT DATA TO "DME OR RADAR REQUIRED" IN EQUIPMENT REQUIREMENTS - IAW 8260.19I 8-6-8.A.
4. NOTES: REMOVED "CHART NOTE: CIRCLING RWY 22 NA AT NIGHT" - 20:1 PENETRATIONS REMOVED FROM OBSTACLE DATABASE, CIRCLING AT NIGHT RESTORED PER FPT.
5. ADDITIONAL FLIGHT DATA: UPDATED CHART FAS OBST FROM "1010 TREE 413917N/0933350W" TO "1079 TOWER (19-055473) 413830N/0933420W" - NEW CONTROLLING OBSTACLE IN THE LOC STEPDOWN SEGMENT.
6. ADDITIONAL FLIGHT DATA: REMOVED "CHART: 1023 TREE 413758N/0933351W" - 7:1 OBSTACLE NO LONGER APPLICABLE WITH UPDATED OBSTACLE EVALUATION AND INCREASED MINIMUMS.
7. ADDITIONAL FLIGHT DATA: REMOVED "*LOC ONLY" - NO LONGER REQUIRED.
8. ADDITIONAL FLIGHT DATA: UPDATED VDP NOTES FROM "CHART VDP AT 2.09 DME*" AND "DISTANCE VDP TO THLD 1.00 NM" TO "CHART VDP AT 2.34 DME" AND "DISTANCE VDP TO THLD 1.25 NM" - VDP LOCATION ADJUSTED FOR NEW MINIMUMS IAW 8260.3E FORMULA 2-6-5.
9. MINIMUMS: UPDATED S-LOC 36 MDA/HAT FROM "1260/369" TO "1340/449" - NEW CONTROLLING OBSTACLE IN THE LOC STEPDOWN SEGMENT.
10. MINIMUMS: UPDATED S-LOC 36 CAT C AND D VIS FROM "1" TO "1 3/8" - IAW 8260.3E TABLE 3-3-1 AND UPDATED SI MINIMUMS.



COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZAU, DSM APP CON, AMGR

FLIGHT CHECKED BY
SHAWN D MAXWELL

Digitally signed by
MICHAEL GARRITY
Sep 06, 2023

OFFICE
FPO

DATE
09/01/2023

DEVELOPED BY
ALLAN WILL (COLIN CAMPBELL)

Digitally signed by
MICHAEL GARRITY

OFFICE
AJV-A423

DATE
06/20/2023

APPROVED BY
ALLAN WILL

Aug 03, 2023
Digitally signed by
MICHAEL GARRITY
Sep 06, 2023

OFFICE
AJV-A423

DATE
11/30/2023

TITLE
MANAGER

