

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> AMES MUNI	<u>AIRPORT ID</u> KAMW	<u>PROCEDURE NAME</u> ILS OR LOC RWY 1	<u>ORIGINAL/AMENDMENT</u> 3A	<u>CITY</u> AMES	<u>STATE</u> IA	
<u>AIRPORT ELEVATION</u> 956	<u>TDZE</u> 956	<u>SUPERSEDED</u> ILS OR LOC RWY 1	<u>ORIGINAL/AMENDMENT</u> 3	<u>DATED</u> 08/17/2017	<u>MAG VAR</u> 3E	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> I-EEE	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 5 DECEMBER 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>
ZISTA INT	IF/IAF	MERLE INT					013.60	11.51 (I-EEE)	2700

MISSED APPROACH

MAP:

ILS: DA
LOC: 5.32 NM AFTER MERLE INT

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1700 THEN CLIMBING LEFT TURN TO 4000 ON HEADING 245 AND JWJ VOR/DME R-260 TO WURPU INT/JWJ 46.92 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 2500 THEN CLIMBING RIGHT TURN TO 4000 ON HEADING 024 AND DSM R-001 TO SHODR INT/DSM 49.87 DME AND HOLD.

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT ZISTA
- FAC: 013.60 FAF: MERLE INT DIST FAF TO MAP: 5.32 DIST FAF TO THLD: 5.32
- MIN ALT: ZISTA INT 4000, MERLE INT 2700, EMTUW INT 1580*
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: 1123
- MIN GS INCPT: 2700 GS ALT AT FAF : MERLE INT 2700 OM: MM: IM:
- GP ANGLE: 3.00 34:1: 20:1: TCH: 50.4
- MSA FROM: TNU VOR/DME 4000

EQUIPMENT REQUIREMENTS NOTES:

NOTES:



ADDITIONAL FLIGHT DATA:

*LOC ONLY
CHART CIRCLING ICON.
CHART IN PLANVIEW: SHODR INT/DSM 49.87 DME
CHART FAS OBST: 1173 ELEV 415702N/0933820W.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD N SHODR INT/DSM 49.87 DME, RT, 181.02 INBOUND.
HOLD W, RT, 079.53 INBOUND

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD - NA WHEN CONTROL TOWER CLOSED.; LOC: STANDARD - CAT D 1100-3, 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 01	1206	1/2	250	1206	1/2	250	1206	1/2	250	1206	1/2	250			
S-LOC 01	1580	1/2	624	1580	1/2	624	1580	1 3/8	624	1580	1 3/8	624			
CIRCLING	1580	1	624	1580	1	624	1640	2	684	1960	3	1004			
EMTUW FIX MINIMUMS (DUAL VOR RECEIVERS REQUIRED)															
S-LOC 01	1440	1/2	484	1440	1/2	484	1440	1	484	1440	1	484			
CIRCLING	1440	1	484	1460	1	504	1640	2	684	1960	3	1004			

CHANGES - REASONS

1. INCREASED EMTUW FIX MINIMUMS CAT C CIRCLING MDA/HAA FROM 1480/524 TO 1640/684 AND CAT C CIRCLING MDA/HAA FROM 1580/624 TO 1640/684 - NEW CIRCLING CAT C CONTROLLING OBSTACLE.
2. INCREASED S-LOC 01 CAT C CIRCLING VISIBILITY FROM 1 3/4 SM TO 2 SM - IAW FAAO 8260.3D TABLE 3-3-1.
3. INCREASED EMTUW FIX MINIMUMS S-LOC 01 CIRCLING CAT C VISIBILITY FROM 1 1/2 SM TO 2 SM - IAW FAAO 8260.3D TABLE 3-3-1.
4. CHANGED ALTERNATE MINIMUMS ILS SECTION FROM "CAT A, B, C 700-2, CAT D 1100-3, NA WHEN CONTROL TOWER CLOSED" TO "STANDARD - NA WHEN CONTROL TOWER CLOSED" - IAW 8260.19H PARA 8-6-11B.

COORDINATED WITH:A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: DSM ATCT, ZMP, AMGR, ATA**FLIGHT CHECKED BY**PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED**OFFICE****DATE****DEVELOPED BY**

DONALD H. LANIER (EBONY HAMILTON)

Digitally signed by

DONALD H LANIER

Aug 05, 2019

DONALD H LANIER

Aug 05, 2019

OFFICE

AJV-A431

DATE

06/24/2019

APPROVED BY

GEORGE DAVIS

Digitally signed by

DONALD H LANIER

Aug 05, 2019

OFFICE

AJV-A430

DATE**TITLE**
MANAGER