

**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> AUGUSTA RGNL AT BUSH FIELD	<u>AIRPORT ID</u> KAGS	<u>PROCEDURE NAME</u> ILS OR LOC RWY 17	<u>ORIGINAL/AMENDMENT</u> 10	<u>CITY</u> AUGUSTA	<u>STATE</u> GA	
<u>AIRPORT ELEVATION</u> 146	<u>TDZE</u> 146	<u>SUPERSEDED</u> ILS OR LOC RWY 17	<u>ORIGINAL/AMENDMENT</u> 9C	<u>DATED</u> 06/20/2019	<u>MAG VAR</u> 4W	<u>EPOCH YEAR</u> 1990
<u>FACILITY</u> I-MZX	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 25 FEBRUARY 2021	<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>
IRQ VORTAC	IAF	WEPUT INT/RADAR					130.12	8.06	2500
WEPUT INT/RADAR	IF	HOGEM INT					172.21	10.00 (I-MZX)	1800

MISSED APPROACH

MAP:

ILS: DA
LOC: 5.02 NM AFTER HOGEM INT

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 ON HEADING 180 AND IRQ VORTAC R-164 TO SHELY INT AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
2. PROFILE STARTS AT WEPUT
3. **FAC:** 172.21 **FAF:** HOGEM INT **DIST FAF TO MAP:** 5.02 **DIST FAF TO THLD:** 5.02
4. **MIN ALT:** WEPUT INT/RADAR 2500, HOGEM INT 1800
5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **GS ANT:** 1078
6. **MIN GS INCPT:** 1800 **GS ALT AT FAF :** HOGEM INT 1800 **OM:** **MM:** **IM:**
7. **GP ANGLE:** 3.00 **34:1:** **20:1:** **TCH:** 56.5
8. **MSA FROM:** EMR NDB 045-315 3000, 315-045 2400

EQUIPMENT REQUIREMENTS NOTES:

ADF REQUIRED FOR LOC ONLY.



NOTES:

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON IRQ VORTAC AIRWAY RADIALS 084 CW 174.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 17 CATS C/D VISIBILITY TO 1 3/8 SM.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 344.08 INBOUND.
CHART FAS OBST: 381 TREE 332459N/0815822W.
CHART 393 TOWER 332704N/0815847W.
CHART CIRCLING ICON.

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 - CAT D 800-2 1/2, 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 17	351	2400	205	351	2400	205	351	2400	205	351	2400	205			
S-LOC 17	640	2400	494	640	2400	494	640	5000	494	640	5000	494			
CIRCLING	780	1	634	780	1	634	780	1 3/4	634	920	2 1/2	774			

CHANGES - REASONS

1. DELETED PROCEDURE TURN FROM APPROACH - PER ATC REQUEST
2. DELETED IF CARDO AND REPLACED WITH NEW IF WEPUT - FPT/ATC COORDINATION TO RETAIN DESIRED PFAF ALTITUDE.
3. UPDATED IRQ VORTAC COURSE/DISTANCE TO IF FROM 141.34/10.54 TO 130.12/8.06 - SEGMENT REDESIGN.
4. UPDATED IF DISTANCE TO HOGEM INT FROM 6.94 TO 10 - SEGMENT REDESIGN.
5. DELETED PRIMARY MISSED APPROACH TO BUSHE LOM AND REPLACED WITH NEW MISSED APPROACH TO SHELY INT - ATC REQUEST; CIH REQUIREMENT RAISED PREVIOUS HOLDING ALT.
6. CHANGED PRIMARY MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 2000 DIRECT BUSHE LOM AND HOLD" TO "CLIMB TO 3000 ON HEADING 180 AND IRQ VORTAC R-164 TO SHELY INT AND HOLD" - SEGMENT REDESIGN; FPT/ATC COORDINATION.
7. DELETED ALTERNATE MISSED APPROACH TO IRQ VORTAC - NAVAID USE CONFLICT WITH IRQ VORTAC AND NEW MISSED APPROACH TO SHELY INT.
8. CHANGED PROFILE LINE 4 MIN ALT: FROM CARDO INT 2500 TO WEPUT INT/RADAR 2500 - PROJECT REDESIGN; FPT/ATC COORDINATION.
9. CHANGED PROFILE LINE 6 GS ALT AT FAF: FROM GP INTCP TO HOGEM INT - IAW 8260.19 8-6-7 F(3).
10. DELETED CHART NOTE "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DANIEL FIELD ALTIMETER SETTING AND INCREASE ALL DA 55 FEET AND ALL MDA 60 FEET; INCREASE S-LOC 17 CATS C/D VISIBILITY TO RVR 6000 AND CIRCLING CATS C/D VISIBILITY 1/4 SM" AND MOVED TO 8260-9 PART C: GENERAL REMARKS - IAW 8260.19 8-6-9F(3), LOCAL ALTIMETER IS ON WMSCR.
11. DELETED CHART NOTE "CHART NOTE: FOR INOPERATIVE ALS WHEN USING DANIEL FIELD ALTIMETER SETTING, INCREASE S-LOC 17 CATS C/D VISIBILITY TO 1 5/8 SM" - IAW 8260.3 TABLE 3-3-1; SUPPORTS INOPERATIVE TABLE.
12. CHANGED ADDITIONAL FLIGHT DATA NOTE: FROM "HOLD S, RT, 352.24 INBOUND" TO "HOLD E, RT, 281.00 INBOUND - MA HOLDING LOCATION CHANGED.
13. DELETED "CHART AIRPORT AND TDZE 146" FROM ADDITIONAL FLIGHT DATA - ALREADY CHARTED.
14. CHANGED ILS DA/HAT FROM 350/204 TO 351/205 - MISSED APPROACH OBS ADJUSTMENT.
15. ADDED PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON IRQ VORTAC AIRWAY RADIALS 084 CW 174 - TURNS EXCEED 120 DEGREES.
16. CHANGED CIRCLING CAT D MDA/HAA FROM 900/754 TO 920/774 - NEW CONTROLLING OBSTACLE.



COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: AGS ATCT, AGS APP CON, AMGR, ZTL, ZJX

FLIGHT CHECKED BY

GEORGE E SEARLES

Digitally signed by

WARDELL HENNING

Oct 15, 2020

OFFICE

FICO

DATE

10/07/2020

DEVELOPED BY

WARDELL HENNING (PATRICK COMBS)

Digitally signed by

WARDELL HENNING

Oct 15, 2020

OFFICE

AJV-A432

DATE

02/28/2020

APPROVED BY

GEORGE DAVIS

Digitally signed by

WARDELL HENNING

Oct 15, 2020

OFFICE

AJV-A430

DATE

TITLE

MANAGER

