

**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> KAND	<u>PROCEDURE NAME</u> ILS OR LOC RWY 5	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> ANDERSON	<u>STATE</u> SC		
<u>AIRPORT ELEVATION</u> 782	<u>TDZE</u> 759	<u>SUPERSEDED</u> ILS OR LOC RWY 5	<u>ORIGINAL/AMENDMENT</u> 1C	<u>DATED</u> 02/27/2020	<u>MAG VAR</u> 5W	<u>EPOCH YEAR</u> 2005
<u>FACILITY</u> I-AND	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 29 DECEMBER 2022	<u>REQUIRED EFFECTIVE DATE</u> 12/29/2022	<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>
AHN VOR/DME	IAF	OYUNA/I-AND 12.49 DME	NOPT				041.99	33.03	2500
OYUNA/I-AND 12.49 DME	IF/IAF	OWUXO/I-AND 6.47 DME					050.89	6.02 (I-AND)	2500

MISSED APPROACH

MAP:

ILS: DA
LOC: I-AND 1.15 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1600 THEN CLIMBING RIGHT TURN TO 2500 ON HEADING 240 AND ON AHN VOR/DME R-042 TO OYUNA/I-AND 12.49 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD SW OYUNA, RT, 050.89 INBOUND, 2500 FT. IN LIEU OF PT (IAF), MAX 4500.
- FAC: 050.89 FAF: OWUXO/I-AND 6.47 DME DIST FAF TO MAP: DIST FAF TO THLD: 5.32
- MIN ALT: OYUNA/I-AND 12.49 DME 2500, OWUXO/I-AND 6.47 DME 2500
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: 961
- MIN GS INCPT: 2500 GS ALT AT PFAF: OWUXO/I-AND 6.47 DME 2500 OM: MM: IM:
- GS ANGLE: 3.00 34:1: 20:1: TCH: 53.6
- MSA FROM: ARP KAND 3200

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.



NOTES:

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON AHN VOR/DME AIRWAY RADIALS 043 CW 092.

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CLEMSON ALTIMETER SETTING AND INCREASE S-ILS 05 DA TO 1006 FEET; INCREASE ALL MDAS 60 FEET AND CIRCLING VISIBILITY CAT C/D 1/4 SM.

CHART NOTE: VDP NA WHEN USING CLEMSON ALTIMETER SETTING.

CHART NOTE: CIRCLING RWY 17, 35 NA AT NIGHT.

CHART NOTE: FOR INOPERATIVE ALS INCREASE S-LOC 05 VISIBILITY CAT C/D TO 1 3/8 SM.

ADDITIONAL FLIGHT DATA:

CHART AHN 33.03 DME AT OYUNA

FAS OBST: 960 AAO 342612N/0824720W.

CHART VDP AT 2.46 DME

DISTANCE VDP TO THLD 1.31 NM.

CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.; LOC: STANDARD - CAT D 800-2 1/4, NA WHEN LOCAL WEATHER NOT AVAILABLE.

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 05	959	1/2	200	959	1/2	200	959	1/2	200	959	1/2	200			
S-LOC 05	1220	1/2	461	1220	1/2	461	1220	1	461	1220	1	461			
CIRCLING	1260	1	478	1320	1	538	1440	1 3/4	658	1500	2 1/4	718			



CHANGES - REASONS

1. INCREASED S-ILS 05 DA/HAT FROM 958/200 TO 959/200. - CORRECT DA CALCULATION WITH CURRENT TDZE.
2. INCREASED S-LOC 05 MDA/HAT FROM 1200/442 TO 1220/461; VISIBILITY CAT C FROM 3/4 TO 1. - NEW LOC FINAL CONTROLLING OBSTACLE.
3. REMOVED FEEDER FROM ELW VORTAC. - ELW VORTAC DECOMMISSIONING.
4. UPDATED INTERMEDIATE OYUNA INT - OWUXO INT TO OYUNA/I-AND 12.49 DME - OWUXO/I-AND 6.47 DME; DISTANCE FROM 6.10 TO 6.02. - FIXES NO LONGER INTERSECTIONS; FAF MOVED.
5. UPDATED LOC MAP FROM "5.24 NM AFTER OWUXO INT" TO "I-AND 1.15 DME." - PROCEDURE DME REQUIRED.
6. UPDATED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 1600 THEN CLIMBING RIGHT TURN TO 2500 DIRECT ELW VORTAC AND HOLD" TO "CLIMB TO 1600 THEN CLIMBING RIGHT TURN TO 2500 ON HEADING 240 AND ON AHN VOR/DME R-042 TO OYUNA/I-AND 12.49 DME AND HOLD." - ELW VORTAC DECOMMISSIONED; FPT REQUEST.
7. REMOVED ALTERNATE MISSED APPROACH INSTRUCTIONS. - GRD VORTAC DECOMMISSIONED; ATC/FPT REQUEST. NO SUITABLE GROUND BASED ALTERNATE AVAILABLE.
8. PROFILE LINE 2: ADDED HOLD-IN-LIEU MAX ALTITUDE 4500. - IAW 8260.19I PARA 8-6-7 B(2).
9. PROFILE LINE 3: UPDATED FAF FROM OWUXO INT TO "OWUXO/I-AND 6.47 DME;" REMOVED DIST FAF TO MAP: 5.24; UPDATED DIST FAF TO THLD FROM 5.24 TO 5.32. - FAF MOVED TO ACCOMMODATE DESIGN TCH.
10. PROFILE LINE 5: UPDATED GS ANT FROM 962 TO 961. - NEW AIRNAV DATA FOR I-AND INCORPORATED.
11. PROFILE LINE 7: UPDATED TCH FROM 53.3 TO 53.6. - ILS DESIGN TCH.
12. PROFILE LINE 8: UPDATED MSA FROM ELW VORTAC 3000 TO ARP KAND 3200. - ELW VORTAC DECOMMISSIONING.
13. ADDED EQUIPMENT REQUIREMENTS NOTES: DME REQUIRED. - IAW 8260.19I 8-6-8.A.
14. UPDATED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON AHN VOR/DME AIRWAY RADIALS FROM "072 CW 092" TO "043 CW 092." - UPDATED AIRWAY RADIALS.
15. UPDATED ALTERNATE ALTIMETER NOTE FROM "IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE CLEMSON ALTIMETER SETTING AND INCREASE ALL DA/MDA'S 60 FEET" TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CLEMSON ALTIMETER SETTING AND INCREASE S-ILS 05 DA TO 1006 FEET; INCREASE ALL MDAS 60 FEET AND CIRCLING VISIBILITY CAT C/D 1/4 SM." - NEW EVALUATION COMPLETED.
16. REMOVED CHART NOTE: CHART NOTE: 17, 35 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. - NO LONGER APPLICABLE TO PROCEDURE IAW 8260.19I 8-6-11 K(3).
17. REMOVED ADDITIONAL FLIGHT DATA: MA HOLDING "HOLD SW, RT, 043.73 INBOUND." - MA HOLDING NOW AT HOLD-IN-LIEU.
18. REMOVED ADDITIONAL FLIGHT DATA: CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD W IVANS/GRD 16.17 DME, RT, 108.95 INBOUND. - ALTERNATE MISSED APPROACH REMOVED.
19. UPDATED CHART FAS OBST: 890 T-L TWR 342835N/0824334W TO FAS OBST: 960 AAO 342611.85N/0824720.01W. - NEW LOC FINAL CONTROLLING OBSTACLE.
20. REMOVED CHART IN PLANVIEW: IVANS/GRD 16.17 DME. - ALTERNATE MISSED APPROACH REMOVED.
21. ADDED CHART VDP AT 2.46 DME; DISTANCE VDP TO THLD 1.31 NM. - FINAL FACILITY HAS DME.
22. ADDED CHART NOTE: VDP NA WHEN USING CLEMSON ALTIMETER SETTING. - IAW 8260.19I 8-6-9 E(9).
23. ADDED "CHART AHN 33.03 DME AT OYUNA" TO ADDITIONAL FLIGHT DATA - FOR AIRCRAFT FLYING AHN R-042 IN MISSED APPROACH.
24. ADDED CHART NOTE: FOR INOPERATIVE ALS INCREASE S-LOC 05 VISIBILITY CAT C/D TO 1 3/8 SM. - IAW WITH INOPERATIVE COMPONENTS OR VISUAL AIDS TABLE.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZTL, GSP APP CON, AND FSS, AMGR

FLIGHT CHECKED BY

PENDING

*Digitally signed by***CASIMIR L TABAKA**

Sep 30, 2022

OFFICE**DATE****DEVELOPED BY**

CASIMIR L. TABAKA (BARBARA GORMAN)

*Digitally signed by***CASIMIR L TABAKA**

Sep 29, 2022

OFFICE

AJV-A432

DATE

08/01/2022

APPROVED BY

JOHNNIE BAKER

*Digitally signed by***CASIMIR L TABAKA**

Sep 29, 2022

OFFICE

AJV-A430

DATE**TITLE**
MANAGERQUALITY
16
CHECKED