

**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> KCOU	<u>PROCEDURE NAME</u> ILS OR LOC RWY 2	<u>ORIGINAL/AMENDMENT</u> 17	<u>CITY</u> COLUMBIA	<u>STATE</u> MO		
<u>AIRPORT ELEVATION</u> 889	<u>TDZE</u> 889	<u>SUPERSEDED</u> ILS OR LOC RWY 2	<u>ORIGINAL/AMENDMENT</u> 16B	<u>DATED</u> 02/25/2021	<u>MAG VAR</u> 0E	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> I-COU	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 2 DECEMBER 2021	<u>REQUIRED EFFECTIVE DATE</u> 12/02/2021	<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>
COU VOR/DME		YATGU/I-COU 7.24 DME					202.49	6.27	2700
HLV VORTAC		YATGU/I-COU 7.24 DME					189.47	24.83	2700
MIZZU INT/HLV 36.05 DME	IAF	CATIL/I-COU 13.10 DME	NOPT				101.28 & 021.43	7.30 (HDG) (I-COU LR-209) & 3.94 (I-COU) (I-COU LR-209)	3000
CATIL/I-COU 13.10 DME	IF	YATGU/I-COU 7.24 DME					021.43	5.86 (I-COU)	2700

MISSED APPROACH

MAP:

ILS: DA
LOC: I-COU 1.39 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2700 ON I-COU LOCALIZER N COURSE (021) TO BOVEN/I-COU 5.37 DME AND HOLD, CONTINUE TO CLIMB-IN-HOLD TO 2700.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD S YATGU, LT, 021.43 INBOUND, 2700 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 021.43FAF: YATGU/I-COU 7.24 DMEDIST FAF TO MAP:DIST FAF TO THLD: 5.86

4. MIN ALT: YATGU/I-COU 7.24 DME 2700, NEUKS/I-COU 3.38 DME 1540

5. DIST TO THLD FROM OM:MM:IM:150 HAT:GS ANT: 1151

6. MIN GS INCPT: 2700GS ALT AT FAF : YATGU/I-COU 7.24 DME 2700OM:MM:IM:

7. GP ANGLE: 2.8334:1:20:1TCH: 58.2

8. MSA FROM: COU VOR/DME 3100

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:

CHART NOTE: CIRCLING NA FOR CAT D W OF RWYS 2 AND 13.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON HLV VORTAC AIRWAY RADIALS 155 CW 177.
CHART NOTE: **RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 953 TREE (29-062373) 384616N/0921407W.
HOLD N, LT, 201.44 INBOUND.
CHART VDP AT 2.26 DME
DISTANCE VDP TO THLD 0.88 NM.
CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA

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ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED.; LOC: STANDARD - 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 02**	1089	2400	200	1089	2400	200	1089	2400	200	1089	2400	200			
S-LOC 02	1220	2400	331	1220	2400	331	1220	2600	331	1220	2600	331			
CIRCLING	1280	1	391	1340	1	451	1360	1 1/2	471	1440	2	551			



CHANGES - REASONS

1. S-LOC 2 MDA INCREASED FROM 1200/311 TO 1220/331; VISIBILITY CAT C/D INCREASED FROM RVR 2400 TO 2600. - NEW CONTROLLING OBSTACLE; TO REMOVE NOTAM FDC 1/2383.
2. CIRCLING CAT A MDA/HAA DECREASED FROM 1300/411 TO 1280/391. - NEW CONTROLLING OBSTACLE; XP REMOVED FROM PREVIOUS AMDT.
3. TERMINAL ROUTES: YATGU/I-COU 7.11 DME UPDATED TO YATGU/I-COU 7.24 DME. - COU DME RELOCATED.
4. TERMINAL ROUTES: MIZZU INT/HLV 36.05 DME TO CATIL/I-COU 12.96 DME UPDATED TO CATIL/I-COU 13.10 DME; COURSE UPDATED FROM 101.43 & 021.43 TO 101.28 & 021.43; DISTANCE UPDATED FROM 7.31 (HDG) (COU LR-209) & 3.88 (I-COU) (COU LR-209) TO 7.30 (HDG) (I-COU LR-209) & 3.94 (I-COU) (I-COU LR-209). - COU DME RELOCATED.
5. UPDATED LOC MAP FROM I-COU 1.25 DME TO 1.39 DME. - COU DME RELOCATED.
6. UPDATED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 2700 ON I-COU LOCALIZER N COURSE (021) TO BOVEN/I-COU 5.50 DME AND HOLD" TO "CLIMB TO 2700 ON I-COU LOCALIZER N COURSE (021) TO BOVEN/I-COU 5.37 DME AND HOLD." - COU DME RELOCATED.
7. UPDATED PROFILE: MIN ALT FROM YATGU/I-COU 7.11 DME 2700, NEUKS/I-COU 3.25 DME 1540* TO YATGU/I-COU 7.24 DME 2700, NEUKS/I-COU 3.38 DME 1540. - COU DME RELOCATED.
8. REMOVED NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 2 CAT C/D VISIBILITY TO RVR 4500. - NEW VISCHECK VALUES.
9. UPDATED ADDITIONAL FLIGHT DATA: CHART FAS OBST FROM 940 TREE 384810N/0921340W TO 953 TREE (29-062373) 384616N/0921407W. - NEW LOC STEPDOWN OBSTACLE; OBSTACLE ID ADDED IAW 8260.19I 8-6-10C.
10. UPDATED ADDITIONAL FLIGHT DATA: FROM CHART VDP AT 2.07 DME* TO CHART VDP AT 2.26 DME; REMOVED *LOC ONLY. - FINAL UPDATED; NOTES UPDATED IAW 8260.19I 8-6-10M.
11. UPDATED ADDITIONAL FLIGHT DATA: FROM DISTANCE VDP TO THLD 0.81 NM TO DISTANCE VDP TO THLD 0.88 NM. - FINAL UPDATED.
12. REMOVED CHART NOTE: CIRCLING RWY 20 NA AT NIGHT. - 20:1 PENETRATION REMOVED PER FPT.

04/14/21: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 02/22/21.

1. CHANGE REQUIRED EFFECTIVE DATE FROM ROUTINE TO 12/02/21.

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☐ **OTHER:** ZKC ARTCC, MIZZU APP CON, ARPT MGR, COU ATCT

FLIGHT CHECKED BY

PENDING

Digitally signed by

JON DENTON

Apr 15, 2021

OFFICE

DATE

DEVELOPED BY

JON DENTON (BARBARA GORMAN)

Digitally signed by

JON DENTON

Apr 15, 2021

OFFICE

AJV-A432

DATE

02/22/2021

APPROVED BY

LONNIE EVERHART

Digitally signed by

JON DENTON

Apr 15, 2021

OFFICE

AJV-A430

DATE

TITLE
MANAGER