

**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> KTCL	<u>PROCEDURE NAME</u> ILS OR LOC RWY 4	<u>ORIGINAL/AMENDMENT</u> 16	<u>CITY</u> TUSCALOOSA	<u>STATE</u> AL		
<u>AIRPORT ELEVATION</u> 170	<u>TDZE</u> 160	<u>SUPERSEDED</u> ILS OR LOC RWY 4	<u>ORIGINAL/AMENDMENT</u> 15	<u>DATED</u> 09/08/2022	<u>MAG VAR</u> 0E	<u>EPOCH YEAR</u> 1990
<u>FACILITY</u> I-TCL	<u>COORDINATES OF FACILITIES</u> 331332.59N / 0873611.03W	<u>ACTUAL EFFECTIVE DATE</u> 20 APRIL 2023	<u>REQUIRED EFFECTIVE DATE</u> 04/20/2023	<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>
OKW VORTAC		BBAMA/I-TCL 12.27 DME					249.00	27.70	2400
ALICE	IAF	BBAMA	NOPT	TF	FB	1.00	059.36	10.19	2400
TIEDD	IAF	BBAMA	NOPT	TF	FB	1.00	310.99	6.20	2400
ROWLL	IAF	BBAMA	NOPT	TF	FB	1.00	130.89	6.20	2400
BBAMA/I-TCL 12.27 DME	IF/IAF	TUSKE/I-TCL 6.87 DME					041.01	5.40 (I-TCL)	2000

MISSED APPROACH

MAP:

ILS: DA
LOC: I-TCL 1.24 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1200 THEN CLIMBING RIGHT TURN TO 2500 DIRECT OKW VORTAC AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



CHANGES - REASONS

1. CHANGED FINAL LENGTH FROM 4.02 TO 5.63 AND PFAF/FAF CHANGED FROM TUSKE LOM TO TUSKE - TUSKE LOM DECOMMISSIONING.
2. OKW FEEDER COURSE/DISTANCE CHANGED FROM: 257.22/21.70 TO: 249.00/27.70 - FEEDER TERMINATION POINT CHANGED FROM FAF (TUSKE) TO IF (BBAMA).
3. RAISED PFAF/FAF MIN ALTITUDE FROM 1500 TO 2000 - TO MATCH RNAV GPS RWY 4/FPT CHECKLIST.
4. PFAF/FAF FIX NAME CHANGED FROM: TUSKE LOM TO: TUSKE - TUSKE LOM DECOMMISSIONING
5. DELETED PROCEDURE TURN AND ADDED INTERMEDIATE SEGMENT AND HOLD-IN-LIEU - FPT/ATC REQUEST.
6. ADDED IAF SEGMENTS (TIEDD TO BBAMA), (ROWLL TO BBAMA) AND (ALICE TO BBAMA) - ATC REQUEST/FPTCHECKLIST.
7. DELETED PROFILE LINE A AND ADDED PROFILE LINE 2: "HOLD SW BBAMA, RT, 041.01 INBOUND, 2400 FT. IN LIEU OF PT (IAF), MAX 4600." - ADDED HOLD-IN-LIEU.
8. DELETED CHART NOTE: "RWY 4 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED - NEW OBSTACLE EVALUATION/NO 34:1 PENETRATIONS.
9. DELETED EQUIPMENT REQUIREMENTS NOTE: "ADF REQUIRED" AND ADDED: "DME REQUIRED" - PROCEDURE NOW REQUIRES DME.
10. ADDED PBN REQUIREMENTS NOTE: "RNP APCH-GPS. FROM ALICE, TIEDD OR ROWLL" - RNAV/GPS INITIAL LEGS.
11. CHANGED LOC MAP FROM: 4.02 NM AFTER TUSKE LOM TO I-TCL 1.24 DME - LOM DECOMMISSIONING/DME REQUIRED.
12. DELETED ON PROFILE LINE 3: "DIST FAF TO MAP: 4.02" - TIMING TABLE NOT REQUIRED.
13. PROCEDURE DESIGN/DOCUMENTED ANGLE/TCH CHANGED FROM: 2.85/61.6 TO: 3.00/53 - I-TCL EQUIPMENT UPDATE/AIRNV.
14. CHANGED MSA CENTERPOINT FROM TUSKE LOM TO OKW VORTAC - TUSKE LOM DECOMMISSIONING.
15. CHANGED FAS OBSTACLE DATA IN ADDITIONAL FLIGHT DATA FROM: "CHART FAS OBST: 283 TREE (01-066415) 331126N/0873825W" TO: "FAS OBST: 350 AAO 330854N/0874100W" - NEW OBSTACLE EVALUATION.
16. CHANGED 7:1 OBATCLE DATA IN ADDITIONAL FLIGHT DATA FROM: 340 AAO 330945N/0874008W TO: 600 AAO 330843N/0874150W - NEW OBSTACLE EVALUATION.
17. LOWERED S-ILS 4 DA/HAT FROM 410/250 TO 360/200 - NEW OBSTACLE EVALUATION.
18. LOWERED S-ILS ALL CATS VISIBILITY FROM 3/4 TO 1/2 - BASED ON LOWER MINIMUMS.
19. RAISED S-LOC 4 MDA/HAT FROM 540/380 TO 600/440 - NEW OBSTACLE EVALUATION.
20. LOWERED S-LOC 4 CAT A/B VISIBILITY FROM 3/4 TO 1/2 - BASED 8360.3E VISIBILITY TABLE.
21. RAISED OKW FEEDER MIN ALTITUDE FROM 2300 TO 2400 - FPT REQUEST/COMMON ALTITUDE AT BBAMA.
22. CHANGED PLANVIEW PROCEDURE NA NOTE FOR ARRIVALS AT OKW VORTAC FROM: "PROCEDURE NA FOR ARRIVAL ON OKW VORTAC AIRWAY RADIALS 230 CW 275" TO: "PROCEDURE NA FOR ARRIVAL ARRIVALS AT OKW VORTAC ON V 209 NORTHEAST BOUND." - CORRECT CRITERIA FORMAT.
23. DELETED CHART NOTE: "CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS ALL CATS" - NO LONGER APPLICABLE.

12/07/2022: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON: 11/15/2022:

1. CHANGED REQUIRED EFFECTIVE DATE FROM: ROUTINE TO: 04/20/23.
2. ADDED "PENDING" TO FLIGHT CHECKED BY ON (8260-3) SIGNATURE PAGE.

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZTL, BHM APCH, APT MGR

FLIGHT CHECKED BY

PENDING

Digitally signed by
CASIMIR L TABAKA
Dec 07, 2022

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

CASIMIR L. TABAKA (THERON CYRUS)

Digitally signed by
CASIMIR L TABAKA
Dec 07, 2022

OFFICE
AJV-A430

DATE
11/15/2022

APPROVED BY

CASIMIR TABAKA

Digitally signed by
CASIMIR L TABAKA
Dec 07, 2022

OFFICE
AJV-A430

DATE

TITLE
MANAGER

