

**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> 15	<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SUPERSEDED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> 14G	<u>DATED</u> 12/02/2021	<u>MAG VAR</u> 0E	<u>EPOCH YEAR</u> 1990
<u>FACILITY</u> I-TCL	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 8 SEPTEMBER 2022	<u>REQUIRED EFFECTIVE DATE</u> 09/08/2022	<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>
OKW VORTAC		TUSKE LOM					257.22	21.70	2300

MISSED APPROACH

MAP:

ILS: DA
LOC: 4.02 NM AFTER TUSKE LOM

MISSED APPROACH INSTRUCTIONS:

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

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT L SIDE OF COURSE 221.01 OUTBOUND 2000 FT WITHIN 10 MILES OF TUSKE LOM (IAF)

2.

3. FAC: 041.01 FAF: TUSKE LOM DIST FAF TO MAP: 4.02 DIST FAF TO THLD: 4.02

4. MIN ALT: TUSKE LOM 1500

5. DIST TO THLD FROM OM: 4.02 MM: IM: 150 HAT: GS ANT: 1220

6. MIN GS INCPT: 1500 GS ALT AT PFAF : OM: 1433 MM: IM:

7. GP ANGLE: 2.85 34:1: 20:1: TCH: 61.6

8. MSA FROM: TC NDB 360-090 3700, 090-360 2500

EQUIPMENT REQUIREMENTS NOTES:

ADF REQUIRED.

NOTES:

CHART NOTE: CIRCLING RWY 12, 30 NA AT NIGHT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON OKW VORTAC AIRWAY RADIALS 230 CW 275.



ADDITIONAL FLIGHT DATA:

HOLD W, RT, 094.66 INBOUND.
CHART FAS OBST: 235 TREE (01-022749) 331155N/0873745W.
340 AAO 330945N/0874008W.
CHART BIRMINGHAM 2 MOA.
CHART BIRMINGHAM MOA.
CHART MERIDIAN 1 EAST MOA.
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 C 800-2 1/4, CAT D 800-2 1/2, NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED.

<u>CATEGORY:</u>	A			B			C			D			E		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
S-ILS 4	360	1/2	200	360	1/2	200	360	1/2	200	360	1/2	200			
S-LOC 4	500	1/2	340	500	1/2	340	500	1/2	340	500	1/2	340			
CIRCLING	720	1	550	800	1	630	960	2 1/4	790	960	2 1/2	790			

CHANGES - REASONS

1. INCORPORATED CHANGES FROM P-NOTAMS 14D/14E/14F/14G - IAW 8260.19I, 8-3-4.C (3).
2. CHANGED "TC LOM" TO "TUSKE LOM" THROUGHOUT FORM - IAW 8260.19I, 8-2-6.E.
3. CHANGE TDZE FROM "159" TO "160" - NEW AIRFIELD SURVEY.
4. TERMINAL ROUTES: CHANGED COURSE/DISTANCE FOR OKW-TUSKE LOM FROM "257.17/21.72" TO "257.22/21.70;" EUTAW-TUSKE LOM FROM "022.61/22.10" TO "022.70/22.11;" - UPDATED DATA/NEW EVALUATION.
5. TERMINAL ROUTES: REMOVED EUTAW -TUSKE LOM FEEDER LEG. - NO LONGER REQUIRED AND LDK VORMON.
6. TERMINAL ROUTES: CHANGE OKW VORTAC-TUSKE LOM ALTITUDE FROM 2200 TO 2300 - AIRSPACE REQUIREMENT.
7. TERMINAL ROUTES: REMOVED LDK VORTAC-TC LOM, R-301 LDK VORTAC CCW-FLOSY LDK 15 DME, MOVIL-TUSKE LOM, ALICE-FLOSY, AND FLOSY-TUSKE LOM LEGS. - LDK VORMON AND NO LONGER REQUIRED.
8. MAP: CHANGED LOC FROM "4.03 NM" TO "4.02 NM" - UPDATED DATA/NEW EVALUATION.
9. MISSED APPROACH INSTRUCTIONS: CHANGED FROM "CLIMB TO 2200 DIRECT LDK VORTAC AND HOLD" TO "CLIMB TO 1200 THEN CLIMBING RIGHT TURN TO 2500 DIRECT OKW VORTAC AND HOLD" - LDK VORMON AND PER FPT/ATC REQUEST.
10. REMOVED ALTERNATE MISSED APPROACH INSTRUCTIONS AND ASSOCIATED NOTES - PER FPT/ATC REQUEST.
11. PROFILE LINE 1: CHANGED SIDE OF COURSE FROM "221" TO "221.01" AND OUTBOUND FROM "2200" TO "2000" - IAW 8260.19I, 8-6-7.A(1) AND 8260.3E, 10-1-3.B(1).
12. PROFILE LINE 3: CHANGED FAC FROM "041.02" TO "041.01;" DIST FAF TO MAP/THLD FROM "4.03" TO "4.02" - UPDATED DATA/NEW EVALUATION.
13. PROFILE LINE 5: CHANGED DIST TO THLD FROM OM FROM "4.03" TO "4.02", REMOVED MM DISTANCE AND CHANGED GS ANT FROM "1219" TO "1220" - MOVED FAF AND UPDATED DATA.
14. PROFILE LINE 6: CHANGED OM FROM "1451" TO "1433" AND REMOVED MM DISTANCE - UPDATED DATA/NEW EVALUATION.
15. PROFILE LINE 7: CHANGED TCH FROM "62" TO "61.6" - DESIGN TCH.
16. PROFILE LINE 8: CHANGED "TC LOM 3700" TO "TC NDB 075-310 2500, 310-075 3700" - PER FPT/ATC REQUEST.
17. EQUIPMENT REQUIREMENTS NOTES: ADDED "ADF REQUIRED". - IAW 8260.19I, 8-6-8.A(2) AND 8-6-8 C MEMO.
18. NOTES: REMOVED "FOR INOPERATIVE MALSR INCREASE S-LOC CAT D VISIBILITY 1/4" - NEW VIS CHECK IAW 8260.3, TABLE 3-3-1.
19. NOTES: REMOVED "IF LOCAL ALTIMETER SETTING NOT RECEIVED EXCEPT FOR OPERATORS WITH APPROVED WEATHER REPORTING SERVICE USE BIRMINGHAM ALTIMETER SETTING MINIMUMS," AND "BIRMINGHAM ALTIMETER SETTING MINIMUMS: FOR INOPERATIVE MALSR INCREASE S-ILS VISIBILITY 1/2 MILE" - UPDATED AND MOVED TO 8260-9 REMARKS IAW 8260.19I, 8-6-9.F (3); PRIMARY AND ALTERNATE ALTIMETER ON WMSCR.
20. NOTES: ADDED "CHART NOTE: CIRCLING RWYS 12, 30 NA AT NIGHT" AND "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON OKW VORTAC AIRWAY RADIALS 230 CW 275" - IAW 8260.19I, 8-6-11.O(2)(G) AND 8260.19I, 8-2-5.E(2).
21. ADDITIONAL FLIGHT DATA: CHANGED "HOLD NE, RT, 229 INBOUND" TO "HOLD W, RT, 094.66 INBOUND" - NEW MISSED APPROACH INSTRUCTIONS.
22. ADDITIONAL FLIGHT DATA: FAS OBSTACLE CHANGED FROM "232 TREES 331200/873804" TO "235 TREE (01-022749) 331155N/0873745W" AND ADDED "340 AAO 330945N/0874008W" - NEW CONTROLLING OBSTACLE/EVALUATION; 7:1 EXCLUDED OBSTACLE.
23. ADDITIONAL FLIGHT DATA: ADDED "CHART BIRMINGHAM 2 MOA," "CHART BIRMINGHAM MOA," AND "CHART MERIDIAN 1 EAST MOA" - IAW 8260.19I, 8-6-10.I.
24. ADDITIONAL FLIGHT DATA: ADDED "CHART CIRCLING ICON" - 8260.19I, 8-6-10.S.
25. ALTERNATE: CHANGED FROM "NA WHEN CONTROL TOWER AND FSS CLOSED" TO "ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED.; LOC: STANDARD - CAT C 800-2 1/4, CAT D 800-2 1/2, NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED" - IAW 8260.19I, 8-6-11.B.
26. MINIMUMS: REMOVED BIRMINGHAM ALTIMETER SETTINGS MINIMUMS, CHANGED S-ILS 4 DA/HAT FROM "359/200" TO "360/200" AND S-LOC 4 FROM "500/341" TO "500/340" - NEW AIRFIELD SURVEY.
27. MINIMUMS: CHANGED S-LOC 4 CAT D VISIBILITY FROM "3/4" TO "1/2" - IAW 8260.3E, TABLE 3-3-1.

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAJ** ☐ **NBAA** ☒ **OTHER:** ZTL ARTCC, BHM APP CON, TCL TOWER.

FLIGHT CHECKED BY

PENDING

*Digitally signed by***DONALD H LANIER**

Jun 03, 2022

OFFICE

FPO

DATE**DEVELOPED BY**

DONALD H. LANIER (ANDRE TUCKER)

*Digitally signed by***DONALD H LANIER**

Jun 03, 2022

OFFICE

AJV-A431

DATE

03/30/2022

APPROVED BY

LONNIE EVERHART

*Digitally signed by***DONALD H LANIER**

Jun 03, 2022

OFFICE

AJV-A430

DATE**TITLE**
MANAGER