

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> KCMH	<u>PROCEDURE NAME</u> ILS OR LOC RWY 10L	<u>ORIGINAL/AMENDMENT</u> 20	<u>CITY</u> COLUMBUS	<u>STATE</u> OH		
<u>AIRPORT ELEVATION</u> 815	<u>TDZE</u> 815	<u>SUPERSEDED</u> ILS OR LOC RWY 10L	<u>ORIGINAL/AMENDMENT</u> 19B	<u>DATED</u> 06/22/2017	<u>MAG VAR</u> 7W	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> I-CBP	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 22 APRIL 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>
APE VORTAC		MESRE/I-CBP 7.54 DME/RADAR					255.80	23.88	3300
AMITE/I-CBP 13.19 DME/RADAR	IAF	POGLE/I-CBP 9.69 DME/RADAR	NOPT				101.20	3.50 (I-CBP)	4000
POGLE/I-CBP 9.69 DME/RADAR		MESRE/I-CBP 7.54 DME/RADAR					101.20	2.16 (I-CBP)	3300
MESRE/I-CBP 7.54 DME/RADAR	IF/IAF	CCREW/I-CBP 4.34 DME/RADAR					101.20	3.20 (I-CBP)	2300

MISSED APPROACH

MAP:

ILS: DA
 LOC: 4.51 NM AFTER CCREW/I-CBP 4.34 DME/RADAR OR AT I-CBP 0.18 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1400 THEN CLIMBING LEFT TURN TO 3000 DIRECT APE VORTAC AND HOLD

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 1400 THEN CLIMBING RIGHT TURN TO 3000 DIRECT BU LOM AND HOLD (ADF REQUIRED)

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD W MESRE/I-CBP 7.54 DME/RADAR, RT, 101.20 INBOUND, 3300 FT. IN LIEU OF PT (IAF), MAX 5200.
- FAC: 101.20 FAF: CCREW/I-CBP 4.34 DME/RADAR DIST FAF TO MAP: 4.51 DIST FAF TO THLD: 4.51
- MIN ALT: MESRE/I-CBP 7.54 DME/RADAR 3300, CCREW/I-CBP 4.34 DME/RADAR 2300, SILKN/I-CBP 2.34 DME/RADAR 1660
- DIST TO THLD FROM FAF: 4.51 MM: IM: 150 HAT: GS ANT: 960
- MIN GS INCPT: 2300 GS ALT AT FAF: CCREW/I-CBP 4.34 DME/RADAR 2300 OM: MM: IM:
- GP ANGLE: 3.00 34:1: 20:1: TCH: 50.1
- MSA FROM: APE VORTAC 3100



EQUIPMENT REQUIREMENTS NOTES:

DME OR RADAR REQUIRED

NOTES:

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON APE VORTAC AIRWAY RADIALS 196 CW 316
CHART NOTE: *RVR 1800 AUTHORIZED WITH THE USE OF FD OR AP OR HUD TO DA
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 10L CAT C/D VISIBILITY TO 1 3/8 SM

ADDITIONAL FLIGHT DATA:

CHART IN PROFILE VIEW: I-CBP DME ANTENNA
CHART IN PLANVIEW ONLY: APE 23.88 DME AT MESRE
HOLD NE, RT, 235.00 INBOUND
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SW BU LOM, LT, 038.00 INBOUND
CHART FAS OBST: 1029 ANTENNA 400032N/0825725W
CHART 1175 BUILDING 395954N/0830022W
CHART VDP AT 1.13 DME
DISTANCE VDP TO THLD 1.30 NM
CHART IN PLANVIEW: BU LOM
CHART CIRCLING ICON

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD; LOC: STANDARD - CAT D 800-2 1/4

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<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 10L *	1015	2400	200	1015	2400	200	1015	2400	200	1015	2400	200			
S-LOC 10L	1280	2400	465	1280	2400	465	1280	5000	465	1280	5000	465			
CIRCLING	1340	1	525	1340	1	525	1520	2	705	1520	2 1/4	705			

CHANGES - REASONS

AMENDED TERMINAL ROUTE SEGMENT FROM "APE VORTAC TO ALEME/I-CBP 5.59 DME/RADAR 253.70 / 22.12 AT 2900" TO "APE VORTAC TO MESRE/I-CBP 7.54 DME/RADAR 255.80 23.88 AT 3300" - PROCEDURAL REDESIGN AND 8260.19I 8-6-4 B(1)
ADDED TERMINAL ROUTE SEGMENT "AMITE/I-CBP 13.19 DME/RADAR IAF TO POGLE/I-CBP 9.69 DME/RADAR NOPT 101.20 3.50 (I-CBP) AT 4000" PROCEDURAL REDESIGN AND 8260.19I 8-6-4 B(2)
ADDED TERMINAL ROUTE SEGMENT "POGLE/I-CBP 9.69 DME/RADAR TO MESRE/I-CBP 7.54 DME/RADAR 101.20 2.16 (I-CBP) AT 3300" - PROCEDURAL REDESIGN AND 8260.19I 8-6-4 B(2)
ADDED TERMINAL ROUTE SEGMENT "MESRE/I-CBP 7.54 DME/ RADAR IF/IAF TO CCREW/I-CBP 4.34 DME/RADAR PFAF 101.20 4.34 (I-CBP) AT 2300" - PROCEDURAL REDESIGN AND 8260.19I 8-6-4 B(2)
AMENDED LOC MAP FROM "5.76 NM AFTER ALEME/I-CBP 5.59 DME/RADAR OR AT I-CBP 0.18 DM" TO "4.51 NM AFTER CCREW/I-CBP 4.34 DME/RADAR OR AT I-CBP 0.18 DME" - PROCEDURAL REDESIGN AND 8260.19I 8-6-6 C(1)
AMENDED ALTERNATE MISSED APPROACH FROM "CLIMB TO 3000 ON ZZV VOR/DME R-280 TO ANDEY INT/ZZV 32.72 DME AND HOLD" TO "CLIMB TO 1400 THEN CLIMBING RIGHT TURN TO 3000 DIRECT BU LOM AND HOLD (ADF REQUIRED)" - PROCEDURAL REDESIGN AND 8260.19I 8-6-6 H(1)
DELETED PT DATA FROM PROFILE LINE 1 - 8260.19I 8-6-7 A(3)
ADDED PROFILE LINE 2 DATA "HOLD W MESRE/I-CBP 7.54/RADAR, RT, 101.09 INBOUND, 3300 FT. IN LIEU OF PT (IAF), MAX 5200" - 8260.19I 8-6-7 B(2)(A)
AMENDED PROFILE LINE 3 FROM "FAC: 101.20 FAF: ALEME/I-CBP 5.59 DME/RADAR DIST FAF TO MAP 5.76 DIST FAF TO THLD: 5.76" TO "FAC 101.20 FAF CCREW/I-CBP 4.34 DME/RADAR DIST FAF TO MAP: 4.51 DIST FAF TO THLD: 4.51" - PROCEDURAL REDESIGN AND 8260.19I 8-6-7 C(2) AND NOTE 1
AMENDED RPROFILE LINE 4 FROM "MIN ALT: ALEME/I-CBP 5.59 DME/RADAR 2700, SILKN/I-CBP 2.53 DME/RADAR 1700"" TO "MIN ALT: MESRE/I-CBP 7.54 DME/RADAR 3300, CCREW/I-CBP 4.34 DME/RADAR 2300, SILKN/I-CBP 2.34 DME/RADAR 1660" -PROCEDURAL REDESIGN AND 8260.19I 8-6-7 D(3) AND (5)
ADDED TO PROFILE LINE 5 "DIST TO THLD FROM FAF: 4.51" - 8260.19I 8-6-7 E
AMENDED PROFILE LINE 5 FROM "GS ANT: 959" TO "GS ANT: 960" - UPDATED AIRNAV DATA
AMENDED PROFILE LINE 6 FROM "MIN GS INCPT: 2700 GS ALT AT ALEME 2700" TO "MIN GS ALT: 2300 GS ALT AT FAF: CCREW/I-CBP 4.34 DME/RADAR 2300" - PROCEDURAL REDESIGN AND 8260-19I F(1), (4), AND (5)
AMENDED NOTE "CHART NOTE: FOR INOPERATIVE ALS, INCREASE SILKN FIX MINIMUMS S-LOC 10L CAT C/D VISIBILITY TO 1 5/8 SM" TO "CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 10L CAT C/D VISIBILITY TO 1 3/8 SM" - REMOVED SILKN FIX MINIMUMS AND 8260.3D TABLE 3-3-1
AMENDED NOTE FROM "CHART NOTE: **RVR 1800 AUTHORIZED WITH THE USE OF FD OR AP OR HUD TO DA" TO "CHART NOTE: *RVR 1800 AUTHORIZED WITH THE USE OF FD OR AP OR HUD TO DA" 8260.19I 8-6-11 K(1)
ADDED NOTE "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON APE VORTAC AIRWAY RADIALS 196 CW 316" - 8260.19I 8-2-5 E(2)
RELOCATED "CHART PLANVIEW NOTE: DME OR RADAR REQUIRED" FROM ADDITIONAL FLIGHT DATA TO EQUIPMENT REQUIREMENTS NOTES - 8260.19I A
AMENDED ADDITIONAL FLIGHT DATA FROM "CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD E ANDEY INT/ZZV 32.72 DME, LT, 280.00 INBOUND" TO "CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SW BU LOM, LT, 038.00 INBOUND" - PROCEDURAL REDESIGN AND 8260.19I 8-6-6 H(2)
ADDED "FAS OBST: 1175 BUILDING 395954N/0830022W" TO ADDITIONAL FLIGHT DATA - 8260.19I 8-6-10 D
ADDED "CHART IN PLANVIEW: BU LOM" TO ADDITIONAL FLIGHT DATA - 8-6-10 A
DELETED "CHART IN PLANVIEW: ANDEY INT/ZZV 32.72 DME" FROM ADDITIONAL FLIGHT DATA - FIX NO LONGER USED IN THIS PROCEDURE
DELETED "CHART IN PLANVIEW: (CFBSF) AT 400102.24N/0830943.43W" FROM ADDITIONAL FLIGHT DATA - CNF NO LONGER USED ON THIS PROCEDURE
AMENDED ADDITIONAL FLIGHT DATA FROM "CHART VDP AT 1.45 DME", "DISTANCE VDP TO THLD 1.62 NM", AND "LOC ONLY" TO "CHART VDP AT 1.13 DME" AND "DIST VDP TO THLD 1.30 NM" - PROCEDURAL REDESIGN AND 8260.19I 8-6-10 M MEMO DATED 12/20/20
AMENDED ALTERNATE MINIMUMS FROM "(ILS) # CAT A, B 900-2, CAT C 900-2 3/4, CAT D 900-3" AND "(LOC) @ CAT A, B 900-2, CAT C 900-2 3/4, CAT D 900-3" TO "ILS: STANDARD; LOC: STANDARD - CAT D 800-2 1/4" - 8260.3D 3-4-1 D
DELETED "SILKN FIX MINIMUMS (DME OR RADAR REQUIRED)" - 8260.19I 8-6-11 N
AMENDED S-LOC 10L MDA/VIS/HAT CATS A/B FROM "1380/2400/565" AND CATS C/D MDA/VIS/HAT FROM "1380/1 1/4/565" TO CATS A/B MDA/VIS/HAT "1280/2400/465" AND CATS C/D MDA/VIS/HAT TO "1280/5000/465" - 8260.3D TABLES 3-3-1 (CAT C/D), 3-3-3 (CAT A), AND 3-3-4 (CAT B)
AMENDED CIRCLING MDA/VIS/HAA CAT A/B FROM "1380/1/565" TO "1340/1/525" AND CAT D FROM "1540/2 1/4/725" TO "1520/2 1/4/705" - 8260.3D TABLES 3-3-1 (CAT A/B) AND 3-3-7 (CAT D)

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZID, CMH APP CON, CMH ATCT, AMGR

FLIGHT CHECKED BY

GLEN B FREEMAN

Digitally signed by

JON DENTON

Mar 02, 2021

OFFICE

FICO

DATE

02/26/2021

DEVELOPED BY

KELLY CARLSON

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TITLE

MANAGER

