

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
NDB STANDARD INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.27**

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</u> AKRON FULTON INTL	<u>AIRPORT ID</u> KAKR	<u>PROCEDURE NAME</u> NDB RWY 25	<u>ORIGINAL/AMENDMENT</u> 15B	<u>CITY</u> AKRON	<u>STATE</u> OH	
<u>AIRPORT ELEVATION</u> 1068	<u>TDZE</u> 1059	<u>SUPERSEDED</u> NDB RWY 25	<u>ORIGINAL/AMENDMENT</u> 15A	<u>DATED</u> 04/25/2019	<u>MAG VAR</u> 7W	<u>EPOCH YEAR</u> 1990
<u>FACILITY</u> AK	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<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>
BSV VOR/DME		AKRON LOM					009.88	19.83	3000

**MISSED APPROACH**

**MAP:**

3.65 NM AFTER AKRON LOM

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 3100 ON HEADING 249 AND BSV VOR/DME R-322 TO RITZS INT/BSV 21.23 DME AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):**

CLIMB TO 1800 THEN CLIMBING RIGHT TURN TO 3000 DIRECT AKRON LOM AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

**PROFILE:**

1. PT R    **SIDE OF COURSE** 069.04    **OUTBOUND** 3000    **FT WITHIN** 10    **MILES OF** AKRON LOM (IAF)
- 2.
3. **FAC:** 249.04    **FAF:** AKRON LOM    **DIST FAF TO MAP:** 3.65    **DIST FAF TO THLD:** 3.65
4. **MIN ALT:** AKRON LOM 2300
8. **MSA FROM:** AKRON LOM 3100

**EQUIPMENT REQUIREMENTS NOTES:**

**NOTES:**

CHART NOTE: RWY 25 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.



**ADDITIONAL FLIGHT DATA:**  
CHART IN PLANVIEW: AKRON LOM  
CHART CIRCLING ICON.  
CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES.  
CHART FAS OBST: 1307 TOWER 410429N/0812439W.  
1400 AAO 410446N/0812414W.  
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD E AKRON LOM, RT, 249.04 INBOUND.  
HOLD SE, LT, 322.41 INBOUND

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

**ALTERNATE:** NA ☐ STANDARD - CAT D 800-2 1/2

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-25	1620	1	561	1620	1	561	1620	1 5/8	561	1620	1 5/8	561			
CIRCLING	1620	1	552	1680	1	612	1800	2	732	1840	2 1/2	772			

- CHANGES - REASONS**  
1. DELETED CHART NOTE "PROCEDURE NA AT NIGHT" - ALL 20: PENETRATIONS HAVE BEEN MITIGATED.  
2. ADDED TO ADDITIONAL FLIGHT DATA "CHART IN PLAINVIEW: AKRON LOM" - CORRECT ERROR FROM PREVIOUS AMENDMENT.

**COORDINATED WITH:**  
A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ **OTHER:** ZOB ARTCC, CAK APP CON, AMGR

<b>FLIGHT CHECKED BY</b> PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT: FLIGHT INSPECTION REVIEW NOT REQUIRED	<b>OFFICE</b>	<b>DATE</b>	Digitally signed by <b>ROBERT G HAMILTON</b> Feb 22, 2019
<b>DEVELOPED BY</b> ROBERT G HAMILTON (STEVEN DOUGHERTY)	<b>OFFICE</b> AJV-A422	<b>DATE</b> 02/08/2019	Digitally signed by <b>ROBERT G HAMILTON</b> Feb 22, 2019
<b>APPROVED BY</b> JULIE MORGAN	<b>OFFICE</b> AJV-A42	<b>DATE</b>	Digitally signed by <b>ROBERT G HAMILTON</b> Feb 22, 2019
			<b>TITLE</b> MANAGER



FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

<u>AIRPORT</u> AKRON FULTON INTL	<u>AIRPORT ID</u> KAKR	<u>PROCEDURE NAME</u> NDB RWY 25	<u>AMDT NO.</u> 15B	<u>CITY</u> AKRON	<u>STATE</u> OH	<u>AIRPORT ELEVATION</u> 1068	<u>FACILITY</u> AK
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PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

<u>FROM</u> BSV VOR/DME	<u>TO</u> AKRON LOM
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<u>RNP</u>	<u>DISTANCE</u> 19.83	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
1.TOWER (39-001511)	405353.00N/0811906.00W	1699	500	50	5D	1000				AT301	3000
2.TERRAIN	405524.00N/0812327.00W	1283 (1300)								AS1500	2800

COMPUTATIONS

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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SEGMENT REMARKS:

INTERMEDIATE: PT

<u>FROM</u> 10 NM	<u>TO</u> AKRON LOM
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<u>RNP</u>	<u>DISTANCE</u> 10.00	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
3.TOWER (39-002351)	410633.46N/0812009.86W	1623	50	20	2C	500				AT177	2300
4.TERRAIN	410312.00N/0812224.00W	1231 (1200)								AS1000	2200

COMPUTATIONS

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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SEGMENT REMARKS:



FINAL

FROM

AKRON LOM

TO

3.65 NM AFTER AKRON LOM

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>						
	3.65		3.65 NM AFTER AKRON LOM	561							
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
5.TOWER (39-004378)	410429.46N/0812439.18W	1307	20	3	1A	300					1620

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

PROCEDURE TURN

FROM

AKRON LOM

TO

10 NM

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
3.TOWER (39-002351)	410633.46N/0812009.86W	1623	50	20	2C	1000				AT377	3000
6.TERRAIN	411330.00N/0811457.00W	1303 (1300)								AS1500	2800

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



MISSED APPROACH

FROM

3.65 NM AFTER AKRON LOM

TO

RITZS INT/BSV 21.23 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
								ASC				3100
7.TOWER (39-003695)	410320.19N/0813537.43W		2049	250	50	5D	1000					3100
8.TERRAIN	405821.00N/0814157.00W		1300 (1300)								AS1500	2800

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

MISSED APPROACH ALTERNATE

FROM

3.65 NM AFTER AKRON LOM

TO

AKRON LOM

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
								ASC				3000
12.TOWER (39-000419)	410548.20N/0812833.00W		1528	20	3	1A	1000					2600
13.TERRAIN	410654.00N/0812509.00W		1205 (1200)								AS1500	2700

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☒ CAT D

☐ CAT E

☐ NOT AUTHORIZED

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>RADIUS</u>	<u>HAA</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
CATEGORY A											
9.TANK (39-020048)	410238.58N/0812932.77W	1.30	552	1291	20	10	1B	300		SI	1620
CATEGORY B											
10.STACK (39-048072)	410315.84N/0812937.03W	1.84	612	1362	20	3	1A	300			1680
CATEGORY C											
11.TOWER (39-000785)	410513.00N/0812631.00W	2.90	732	1433	500	50	5D	300		AC50	1800
CATEGORY D											
12.TOWER (39-000419)	410548.20N/0812833.00W	3.79	772	1528	20	3	1A	300			1840

CIRCLING REMARKS:

MSA

CENTER  
AKRON LOM

RADIUS  
25

<u>SECTOR</u>	<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>BEARING</u>	<u>DISTANCE</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
360-360	TOWER (39-003695)	410320.19N/0813537.43W	265	09.4	2049	250	50	5D	1000			3100

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PER FPT CHECKLIST: 100 FT VEGETATION.

COMPUTED DESCENT ANGLE 3.09/TCH 45 REMOVED PER FLIGHT INSPECTION.



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH  
ZOB ARTCC, CAK APP CON, CAK CTAF

<u>WX SERVICE</u> ASOS	<u>LOCATION</u> KAKR	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KAKR	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> ASOS	<u>LOCATION</u> KCAK	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KCAK	<u>DISTANCE</u> 7.418	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 40

WX REMARKS:  
RASS PRESSURE PATTERNS THE SAME  
KAKR 1068, KCAK 1226  
RA = 39.2.

<u>PRIMARY NAVAID</u> AKR LOC	<u>MONITOR POINT</u> MOCC	<u>HRS OPERATION</u> 24	<u>CAT</u> 1
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>		<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW01 - MIRL (PCL)		BSC-G	
RW19 - MIRL (PCL)		BSC-G	
RW07 - HIRL (PCL), REIL (PCL), PAPI-4L		NPI-G	
RW25 - HIRL (PCL), REIL (PCL), PAPI-4L (PCL)		NPI-G	

<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 4.00	<u>TCH</u> 45.0
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE	259
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE		

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
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CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

Final Type	NDB RWY 25		
20:1			
1171 POLE (39-027506) 410234.06N/0812703.90W (19.29)		1123 POLE (39-021414) 410235.35N/0812714.48W (4.00)	



<u>AIRPORT</u> AKRON FULTON INTL		<u>AIRPORT ID</u> KAKR	<u>PROCEDURE NAME</u> NDB RWY 25	<u>AMDT NO.</u> 15B	<u>CITY</u> AKRON	<u>STATE</u> OH	<u>AIRPORT ELEVATION</u> 1068	<u>FACILITY</u> AK
1170 POLE (39-021426) 410240.22N/0812703.69W (2.95)				1120 POLE (39-022034) 410235.87N/0812714.67W (0.40)				
1124 POLE (39-022036) 410236.35N/0812713.80W (0.32)								
Final Type	NDB RWY 25							
34:1								
1184 TREE (39-044478) 410241.85N/0812659.61W (51.00)				1186 TREE (39-033905) 410244.64N/0812658.71W (47.32)				
1195 TREE (39-069082) 410239.83N/0812650.75W (47.21)				1176 TREE (39-039194) 410241.27N/0812701.26W (47.10)				
1177 TREE (39-049024) 410240.84N/0812700.19W (46.57)				1183 TREE (39-039646) 410237.14N/0812654.19W (45.81)				
1171 TREE (39-039804) 410241.95N/0812703.17W (44.94)				1177 TREE (39-041872) 410241.68N/0812659.27W (43.57)				
1195 TREE (39-043779) 410247.27N/0812654.01W (43.29)				1195 TREE (39-047290) 410240.32N/0812649.06W (43.16)				
1165 TREE (39-069818) 410241.46N/0812704.66W (42.59)				1177 TREE (39-048773) 410238.87N/0812656.21W (41.41)				
1187 TREE (39-045945) 410237.53N/0812650.22W (41.37)				1175 TREE (39-041874) 410238.68N/0812656.83W (40.91)				
1183 TREE (39-046877) 410238.76N/0812652.82W (40.82)				1159 POLE (39-021423) 410237.49N/0812703.80W (40.43)				
1185 TREE (39-069411) 410247.80N/0812657.68W (39.85)				1173 TREE (39-027509) 410238.30N/0812656.72W (39.22)				
1166 TREE (39-045767) 410241.20N/0812702.06W (38.79)				1171 TREE (39-047340) 410240.28N/0812658.66W (38.31)				
1165 TREE (39-046830) 410242.70N/0812703.26W (38.08)				1187 TREE (39-039295) 410240.22N/0812649.86W (36.89)				
1173 TREE (39-039644) 410243.52N/0812659.04W (36.54)				1195 TREE (39-045933) 410246.17N/0812649.65W (36.16)				
1151 TREE (39-039828) 410236.35N/0812704.69W (35.80)				1156 TREE (39-039268) 410238.02N/0812703.33W (35.76)				
1173 TREE (39-038972) 410239.94N/0812656.08W (35.65)				1174 TREE (39-047262) 410243.58N/0812657.86W (35.11)				
1192 TREE (39-045932) 410244.66N/0812649.37W (34.71)				1159 TREE (39-039854) 410236.96N/0812700.50W (34.61)				
1162 TREE (39-043892) 410239.06N/0812700.28W (34.24)				1160 TREE (39-039803) 410236.99N/0812659.81W (34.20)				
1186 TREE (39-044517) 410243.41N/0812651.09W (33.88)				1171 TREE (39-038973) 410241.77N/0812657.31W (33.54)				
1155 TREE (39-046043) 410236.15N/0812701.18W (33.09)				1182 TREE (39-042000) 410238.80N/0812649.43W (33.02)				
1181 TREE (39-046345) 410240.41N/0812651.03W (32.95)				1187 TREE (39-044348) 410239.88N/0812647.48W (32.64)				
1170 TREE (39-038974) 410238.40N/0812654.92W (32.50)				1198 TREE (39-040124) 410247.98N/0812647.51W (32.37)				
1160 TREE (39-043893) 410241.80N/0812702.08W (31.99)				1170 TREE (39-038975) 410242.63N/0812657.58W (31.88)				
1149 TREE (39-048365) 410235.28N/0812702.97W (31.87)				1162 POLE (39-021429) 410242.39N/0812701.23W (31.47)				
1172 TREE (39-069412) 410245.58N/0812658.42W (31.42)				1153 TREE (39-048804) 410241.92N/0812705.35W (31.32)				
1155 POLE (39-027868) 410240.35N/0812703.19W (31.22)				1185 TREE (39-043773) 410243.44N/0812650.16W (30.99)				
1156 POLE (39-021427) 410238.22N/0812701.03W (30.90)				1184 TREE (39-048057) 410248.32N/0812653.81W (30.43)				
1160 TREE (39-041924) 410238.18N/0812658.74W (30.40)				1190 TREE (39-039122) 410246.78N/0812649.54W (30.09)				

QUALITY

41

CHECKED





<u>AIRPORT</u> AKRON FULTON INTL		<u>AIRPORT ID</u> KAKR	<u>PROCEDURE NAME</u> NDB RWY 25	<u>AMDT NO.</u> 15B	<u>CITY</u> AKRON	<u>STATE</u> OH	<u>AIRPORT ELEVATION</u> 1068	<u>FACILITY</u> AK
1157 TREE (39-039806) 410238.53N/0812700.33W (30.08)				1152 TREE (39-043614) 410236.33N/0812700.50W (28.49)				
1183 TREE (39-042690) 410244.35N/0812650.46W (28.31)				1177 TREE (39-069408) 410247.91N/0812655.86W (28.08)				
1158 TREE (39-041925) 410237.24N/0812657.74W (27.73)				1161 TREE (39-041873) 410240.09N/0812657.99W (27.24)				
1181 TREE (39-045954) 410244.65N/0812650.87W (26.71)				1190 TREE (39-044562) 410247.80N/0812648.41W (26.41)				
1153 POLE (39-021428) 410239.28N/0812701.00W (26.36)				1158 TREE (39-048976) 410243.83N/0812701.48W (25.96)				
1193 TREE (39-068907) 410246.61N/0812645.75W (25.79)				1147 TREE (39-048322) 410238.26N/0812702.93W (25.63)				
1192 TREE (39-047136) 410246.59N/0812646.14W (25.59)				1174 TREE (39-048866) 410241.64N/0812651.58W (25.33)				
1158 POLE (39-022038) 410239.12N/0812657.81W (25.24)				1122 POLE (39-022035) 410235.43N/0812713.22W (25.05)				
1183 TREE (39-039753) 410245.15N/0812649.30W (24.89)				1161 TREE (39-042846) 410240.48N/0812656.85W (24.43)				
1165 TREE (39-048879) 410240.41N/0812654.55W (23.95)				1118 FENCE (39-021324) 410232.39N/0812712.33W (23.53)				
1124 TRAVERSE_WAY (39-045868) 410238.89N/0812713.85W (23.46)				1147 BUILDING (39-021982) 410238.43N/0812701.92W (23.38)				
1167 TREE (39-046380) 410245.75N/0812656.89W (23.14)				1146 BUILDING (39-021979) 410237.93N/0812701.91W (23.06)				
1163 TREE (39-069253) 410240.81N/0812655.28W (22.85)				1147 BUILDING (39-021983) 410238.95N/0812701.89W (22.59)				
1158 POLE (39-021432) 410239.48N/0812656.72W (22.57)				1133 TRAVERSE_WAY (39-048934) 410240.04N/0812709.56W (22.32)				
1133 TRAVERSE_WAY (39-039960) 410240.35N/0812709.75W (22.27)				1146 TREE (39-047092) 410240.69N/0812703.41W (22.18)				
1173 TREE (39-039307) 410240.74N/0812649.78W (22.01)				1121 TRAVERSE_WAY (39-049014) 410237.93N/0812713.90W (21.90)				
1147 TREE (39-049099) 410242.40N/0812703.84W (21.65)				1111 TRAVERSE_WAY (39-039809) 410232.11N/0812714.46W (21.15)				
1146 BUILDING (39-021985) 410239.42N/0812701.88W (20.92)				1114 TRAVERSE_WAY (39-047393) 410233.98N/0812714.07W (20.76)				
1119 TRAVERSE_WAY (39-039845) 410237.36N/0812713.91W (20.72)				1161 TREE (39-042790) 410237.42N/0812652.83W (20.71)				
1141 TREE (39-039271) 410238.65N/0812703.63W (20.47)				1115 TRAVERSE_WAY (39-043855) 410234.90N/0812714.03W (20.40)				
1152 TREE (39-069552) 410241.91N/0812700.34W (20.37)				1111 TRAVERSE_WAY (39-039813) 410232.52N/0812714.35W (20.36)				
1114 TRAVERSE_WAY (39-039224) 410234.29N/0812714.05W (20.29)				1156 TREE (39-039628) 410241.49N/0812657.98W (20.27)				
1182 TREE (39-040118) 410245.04N/0812647.40W (20.26)				1112 TRAVERSE_WAY (39-039814) 410233.12N/0812714.19W (20.20)				
1160 TREE (39-046027) 410239.24N/0812654.35W (20.19)				1113 TRAVERSE_WAY (39-048215) 410233.78N/0812714.09W (20.08)				
1116 TRAVERSE_WAY (39-039227) 410235.65N/0812713.84W (19.97)				1138 TREE (39-069684) 410236.93N/0812703.59W (19.80)				
1156 TREE (39-039643) 410244.97N/0812700.19W (19.80)				1113 TRAVERSE_WAY (39-041981) 410233.40N/0812713.62W (19.68)				
1112 TRAVERSE_WAY (39-039221) 410232.76N/0812713.66W (19.65)				1111 TRAVERSE_WAY (39-068000) 410232.21N/0812713.74W (19.58)				
1109 TREE (39-042702) 410236.74N/0812717.90W (19.52)				1148 TREE (39-048358) 410242.32N/0812702.06W (19.22)				
1110 TRAVERSE_WAY (39-068198) 410235.72N/0812716.52W (19.20)				1112 TRAVERSE_WAY (39-039223) 410235.73N/0812715.32W (18.80)				
1117 TRAVERSE_WAY (39-044570) 410236.89N/0812713.60W (18.76)				1111 TRAVERSE_WAY (39-047406) 410235.73N/0812715.77W (18.70)				

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<u>AIRPORT</u> AKRON FULTON INTL		<u>AIRPORT ID</u> KAKR	<u>PROCEDURE NAME</u> NDB RWY 25	<u>AMDT NO.</u> 15B	<u>CITY</u> AKRON	<u>STATE</u> OH	<u>AIRPORT ELEVATION</u> 1068	<u>FACILITY</u> AK
1118 TRAVERSE_WAY (39-042751) 410235.65N/0812712.13W (18.57)				1108 TRAVERSE_WAY (39-047405) 410235.70N/0812717.18W (18.54)				
1116 TRAVERSE_WAY (39-048130) 410235.94N/0812713.31W (18.51)				1111 TRAVERSE_WAY (39-068197) 410236.02N/0812715.87W (18.49)				
1119 TRAVERSE_WAY (39-048132) 410235.64N/0812711.45W (18.23)				1108 TRAVERSE_WAY (39-046404) 410236.02N/0812717.07W (17.88)				
1120 TRAVERSE_WAY (39-048116) 410235.69N/0812710.78W (17.83)				1121 TRAVERSE_WAY (39-070042) 410235.77N/0812710.05W (17.27)				
1147 BUILDING (39-021993) 410239.62N/0812659.67W (17.24)				1106 TRAVERSE_WAY (39-043882) 410236.02N/0812717.73W (17.19)				
1122 TRAVERSE_WAY (39-043943) 410235.77N/0812709.47W (17.11)				1161 TREE (39-039903) 410240.51N/0812653.15W (17.03)				
1174 TREE (39-039752) 410248.83N/0812652.27W (16.65)				1104 TRAVERSE_WAY (39-068201) 410235.67N/0812718.21W (16.63)				
1147 BUILDING (39-021994) 410240.20N/0812659.65W (16.39)				1118 TRAVERSE_WAY (39-027513) 410235.84N/0812711.15W (16.36)				
1145 BUILDING (39-021889) 410243.05N/0812702.60W (16.27)				1149 POLE (39-021430) 410237.69N/0812656.77W (16.17)				
1180 TREE (39-040123) 410244.81N/0812645.87W (15.54)				1122 TRAVERSE_WAY (39-039103) 410235.77N/0812708.61W (15.40)				
1155 TREE (39-040085) 410239.66N/0812654.73W (15.36)				1102 TRAVERSE_WAY (39-039950) 410235.68N/0812718.57W (15.34)				
1134 BUILDING (39-021975) 410234.66N/0812701.68W (15.17)				1183 TREE (39-047514) 410248.10N/0812646.44W (15.08)				
1145 TREE (39-049023) 410237.79N/0812658.29W (15.05)				1177 TREE (39-047371) 410247.74N/0812649.14W (14.95)				
1147 BUILDING (39-021999) 410238.52N/0812657.57W (14.60)				1122 TRAVERSE_WAY (39-039127) 410235.77N/0812708.08W (14.35)				
1157 TREE (39-069251) 410240.89N/0812654.02W (14.23)				1153 POLE (39-021433) 410242.28N/0812656.89W (13.99)				
1182 TREE (39-040065) 410247.86N/0812646.17W (13.88)				1139 TREE (39-044007) 410243.69N/0812704.85W (13.85)				
1123 TRAVERSE_WAY (39-041847) 410235.75N/0812707.30W (13.82)				1102 SIGN (39-021477) 410235.50N/0812717.50W (13.46)				
1145 BUILDING (39-021995) 410237.94N/0812657.57W (13.41)				1135 TREE (39-041930) 410239.24N/0812703.45W (13.29)				
1135 TREE (39-043687) 410238.61N/0812702.96W (13.20)				1167 TREE (39-048929) 410240.52N/0812648.21W (13.19)				
1178 TREE (39-041982) 410247.48N/0812647.43W (12.91)				1154 TREE (39-042025) 410242.44N/0812655.88W (12.76)				
1123 TRAVERSE_WAY (39-069822) 410235.75N/0812706.73W (12.69)				1142 TREE (39-039195) 410244.51N/0812703.24W (12.51)				
1154 TREE (39-047263) 410241.96N/0812655.39W (12.46)				1146 BUILDING (39-022000) 410240.88N/0812658.65W (12.45)				
1170 TREE (39-048883) 410242.51N/0812647.57W (12.14)				1112 SIGN (39-021479) 410236.15N/0812712.26W (12.13)				
1124 TRAVERSE_WAY (39-041848) 410235.73N/0812705.86W (11.99)				1138 BUILDING (39-021987) 410239.88N/0812701.74W (11.99)				
1170 TREE (39-039756) 410244.47N/0812648.68W (11.61)				1175 TREE (39-047372) 410249.22N/0812649.50W (11.60)				
1126 FENCE (39-021344) 410237.03N/0812705.56W (11.58)				1146 TREE (39-042594) 410244.12N/0812700.42W (11.44)				
1125 TRAVERSE_WAY (39-039826) 410235.72N/0812705.01W (11.31)				1172 TREE (39-044327) 410240.04N/0812644.40W (11.29)				
1173 TREE (39-047738) 410243.12N/0812646.06W (11.28)				1138 BUILDING (39-021989) 410240.39N/0812701.74W (11.28)				
1167 TREE (39-045955) 410246.78N/0812651.53W (11.05)				1124 TRAVERSE_WAY (39-048273) 410235.72N/0812705.30W (10.89)				
1146 POLE (39-021431) 410241.97N/0812658.59W (10.81)				1179 TREE (39-040066) 410247.11N/0812645.59W (10.77)				

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<u>AIRPORT</u> AKRON FULTON INTL		<u>AIRPORT ID</u> KAKR	<u>PROCEDURE NAME</u> NDB RWY 25	<u>AMDT NO.</u> 15B	<u>CITY</u> AKRON	<u>STATE</u> OH	<u>AIRPORT ELEVATION</u> 1068	<u>FACILITY</u> AK
1126 TRAVERSE_WAY (39-049163) 410235.91N/0812704.36W (10.75)				1143 TREE (39-041871) 410243.20N/0812700.91W (10.70)				
1127 TRAVERSE_WAY (39-041743) 410235.69N/0812703.51W (10.37)				1141 TREE (39-069410) 410238.84N/0812658.67W (10.34)				
1126 TRAVERSE_WAY (39-039872) 410236.87N/0812704.75W (10.19)				1128 TRAVERSE_WAY (39-041745) 410235.67N/0812702.76W (9.91)				
1108 FENCE (39-021325) 410234.95N/0812712.28W (9.85)				1153 TREE (39-039881) 410245.15N/0812656.77W (9.74)				
1128 TRAVERSE_WAY (39-048366) 410238.57N/0812704.68W (9.67)				1177 TREE (39-047137) 410247.57N/0812646.34W (9.62)				
1128 TRAVERSE_WAY (39-042653) 410238.14N/0812704.27W (9.46)				1121 POLE (39-071290) 410240.93N/0812709.74W (9.44)				
1120 FENCE (39-021338) 410238.70N/0812708.67W (9.43)				1126 TRAVERSE_WAY (39-048364) 410237.67N/0812704.72W (9.01)				
1129 BUILDING (39-021976) 410236.83N/0812702.49W (8.75)				1134 BUILDING (39-021986) 410240.87N/0812702.68W (8.48)				
1130 TRAVERSE_WAY (39-041929) 410235.65N/0812701.01W (8.46)				1108 FENCE (39-021326) 410234.92N/0812711.52W (8.38)				
1129 BUILDING (39-021977) 410237.59N/0812702.67W (8.05)				1131 BUILDING (39-021981) 410239.09N/0812702.64W (7.89)				
1120 FENCE (39-021342) 410238.73N/0812707.90W (7.85)				1110 FENCE (39-021329) 410234.17N/0812709.61W (7.63)				
1135 BUILDING (39-021990) 410238.11N/0812659.80W (7.61)				1110 FENCE (39-021330) 410233.04N/0812708.70W (7.40)				
1110 FENCE (39-021331) 410233.71N/0812709.12W (7.30)				1109 FENCE (39-021328) 410234.51N/0812710.17W (7.27)				
1136 TRAVERSE_WAY (39-039193) 410242.24N/0812702.03W (7.27)				1111 TERRAIN (39-070046) 410238.31N/0812711.81W (7.22)				
1108 FENCE (39-021327) 410234.76N/0812710.80W (7.17)				1150 TREE (39-047591) 410241.90N/0812654.70W (7.17)				
1116 TERRAIN (39-039562) 410239.13N/0812709.72W (6.91)				1117 FENCE (39-021337) 410237.56N/0812708.02W (6.73)				
1112 TERRAIN (39-039102) 410239.01N/0812711.44W (6.50)				1101 TERRAIN (39-047736) 410237.16N/0812715.65W (6.46)				
1092 FENCE (39-021323) 410235.47N/0812718.97W (6.42)				1118 FENCE (39-021341) 410238.14N/0812707.75W (6.38)				
1133 BUILDING (39-021988) 410237.60N/0812659.82W (6.36)				1164 TREE (39-068906) 410240.46N/0812646.23W (6.34)				
1113 TERRAIN (39-039125) 410238.40N/0812710.40W (6.29)				1148 TREE (39-040092) 410240.04N/0812653.95W (6.28)				
1116 FENCE (39-021336) 410237.27N/0812708.07W (6.23)				1131 TRAVERSE_WAY (39-039856) 410237.71N/0812700.82W (6.20)				
1120 FENCE (39-021343) 410238.89N/0812707.15W (6.14)				1175 TREE (39-048150) 410247.82N/0812645.68W (5.96)				
1140 TREE (39-046034) 410243.62N/0812700.32W (5.94)				1162 TREE (39-048060) 410241.44N/0812647.72W (5.93)				
1163 TREE (39-045296) 410243.61N/0812648.69W (5.83)				1158 TREE (39-048142) 410238.72N/0812647.75W (5.79)				
1108 TERRAIN (39-045147) 410237.41N/0812711.89W (5.63)				1112 FENCE (39-021333) 410235.09N/0812708.13W (5.40)				
1150 TREE (39-046381) 410241.50N/0812653.53W (5.40)				1151 TREE (39-039905) 410241.11N/0812652.74W (5.38)				
1130 BUILDING (39-021984) 410240.13N/0812702.59W (5.34)				1109 TERRAIN (39-039099) 410237.01N/0812710.81W (5.04)				
1137 BUILDING (39-021997) 410240.92N/0812659.45W (4.99)				1133 TRAVERSE_WAY (39-047554) 410239.93N/0812700.76W (4.98)				
1112 TERRAIN (39-039126) 410237.51N/0812709.61W (4.96)				1095 TERRAIN (39-045285) 410233.38N/0812715.16W (4.77)				
1159 TREE (39-042045) 410245.90N/0812651.63W (4.47)				1100 TERRAIN (39-044583) 410233.04N/0812712.10W (4.16)				

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<u>AIRPORT</u> AKRON FULTON INTL		<u>AIRPORT ID</u> KAKR	<u>PROCEDURE NAME</u> NDB RWY 25	<u>AMDT NO.</u> 15B	<u>CITY</u> AKRON	<u>STATE</u> OH	<u>AIRPORT ELEVATION</u> 1068	<u>FACILITY</u> AK
1141 BUILDING (39-022007) 410239.12N/0812655.64W (3.93)				1112 FENCE (39-021334) 410235.07N/0812707.37W (3.91)				
1125 FENCE (39-021350) 410240.87N/0812704.84W (3.78)				1118 TERRAIN (39-041769) 410240.42N/0812708.00W (3.69)				
1099 TERRAIN (39-044581) 410234.40N/0812713.32W (3.68)				1152 TREE (39-039749) 410240.91N/0812651.20W (3.59)				
1160 TREE (39-039741) 410247.39N/0812651.66W (3.45)				1114 FENCE (39-021339) 410234.60N/0812705.76W (3.37)				
1138 TREE (39-047638) 410237.88N/0812655.99W (3.35)				1122 FENCE (39-021348) 410236.51N/0812703.07W (3.35)				
1101 TERRAIN (39-070043) 410233.10N/0812711.21W (3.31)				1119 FENCE (39-021345) 410239.17N/0812706.43W (3.31)				
1166 TREE (39-043804) 410242.72N/0812645.24W (3.21)				1138 BUILDING (39-021896) 410242.94N/0812659.42W (3.10)				
1138 TREE (39-048979) 410245.66N/0812701.32W (3.08)				1099 TERRAIN (39-048217) 410233.65N/0812712.49W (3.08)				
1123 FENCE (39-021349) 410240.34N/0812705.09W (3.01)				1133 TREE (39-044427) 410239.21N/0812659.25W (2.98)				
1114 FENCE (39-021340) 410234.41N/0812705.43W (2.98)				1136 BUILDING (39-021893) 410244.63N/0812701.48W (2.84)				
1093 TERRAIN (39-039810) 410234.06N/0812715.64W (2.77)				1093 TERRAIN (39-039811) 410234.72N/0812716.08W (2.73)				
1144 TREE (39-046028) 410245.44N/0812657.94W (2.67)				1085 TERRAIN (39-068402) 410233.49N/0812719.21W (2.67)				
1105 TERRAIN (39-045801) 410236.40N/0812711.20W (2.67)				1170 TREE (39-039635) 410248.89N/0812647.28W (2.64)				
1090 TERRAIN (39-040063) 410232.77N/0812716.16W (2.61)				1112 FENCE (39-021335) 410234.94N/0812706.62W (2.60)				
1164 TREE (39-042658) 410246.05N/0812648.27W (2.58)				1110 TERRAIN (39-069938) 410236.70N/0812708.82W (2.52)				
1121 FENCE (39-021347) 410239.84N/0812705.48W (2.49)				1088 TERRAIN (39-043772) 410233.33N/0812717.48W (2.45)				
1083 TERRAIN (39-048171) 410232.63N/0812719.46W (2.37)				1141 TREE (39-069252) 410239.88N/0812655.35W (2.29)				
1150 TREE (39-039748) 410244.84N/0812654.29W (2.25)				1089 TERRAIN (39-039951) 410234.41N/0812717.57W (2.12)				
1147 TREE (39-048889) 410245.27N/0812656.03W (2.10)				1107 TERRAIN (39-039100) 410233.78N/0812708.04W (2.05)				
1119 TERRAIN (39-043715) 410241.01N/0812707.09W (2.05)				1108 TERRAIN (39-047102) 410233.39N/0812707.26W (2.04)				
1101 TERRAIN (39-039847) 410234.17N/0812711.27W (1.93)				1117 TERRAIN (39-069825) 410240.04N/0812707.34W (1.91)				
1136 TREE (39-046683) 410242.36N/0812659.40W (1.87)				1148 POLE (39-021436) 410246.95N/0812656.58W (1.85)				
1148 TREE (39-048865) 410243.69N/0812654.27W (1.81)				1085 TERRAIN (39-042096) 410231.99N/0812717.70W (1.76)				
1130 BUILDING (39-021991) 410237.47N/0812658.89W (1.70)				1087 TERRAIN (39-045353) 410234.86N/0812718.68W (1.70)				
1119 FENCE (39-021346) 410239.21N/0812705.64W (1.69)				1102 TERRAIN (39-070040) 410233.26N/0812710.00W (1.68)				
1084 TERRAIN (39-042095) 410234.50N/0812719.91W (1.65)				1088 TERRAIN (39-045845) 410231.80N/0812715.95W (1.55)				
1084 TERRAIN (39-043890) 410230.77N/0812717.24W (1.55)				1080 TERRAIN (39-041955) 410232.61N/0812720.54W (1.55)				
1080 TERRAIN (39-041956) 410231.22N/0812719.56W (1.54)				1079 TERRAIN (39-045977) 410231.72N/0812720.41W (1.53)				
1082 TERRAIN (39-043889) 410232.11N/0812719.07W (1.32)				1158 POLE (39-021443) 410247.83N/0812651.90W (1.31)				
1140 TREE (39-048458) 410244.40N/0812658.52W (1.27)				1141 BUILDING (39-022009) 410241.25N/0812655.78W (1.23)				

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PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	3.32
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.55
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	242.04
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1201
DISTANCE FROM	THLD	TO 1500FT POINT	*
WIDTH OF		SEGMENT AT 1500FT POINT	
TRUE COURSE OF		SEGMENT CONTAINING 1500FT POINT	
HIGH TERRAIN IN		SEGMENT CONTAINING 1500FT POINT	

THRESHOLD  
COORDINATES (IF STR-IN) 410228.23N/0812730.15W

ARP COORDINATES 410215.00N/0812800.90W

RUNWAY APCH END  
AND DIST FURTHEST FROM ARP RUNWAY 7 DISTANCE 0.55 NM

FAF  
COORDINATES 410411.02N/0812314.83W

FIX NAME  
COORDINATES

REMARKS

\*1500 FT POINT LOCATED IN PT MANUEVERING AREA.

THLD DISPLACED 259FT, ACTUAL COORDINATES: 410229.43N/0812727.17W.



<u>AIRPORT</u> AKRON FULTON INTL	<u>AIRPORT ID</u> KAKR	<u>PROCEDURE NAME</u> NDB RWY 25	<u>AMDT NO.</u> 15B	<u>CITY</u> AKRON	<u>STATE</u> OH	<u>AIRPORT ELEVATION</u> 1068	<u>FACILITY</u> AK
PART E: PREPARED BY							
<u>NAME</u> ROBERT G HAMILTON (STEVEN DOUGHERTY)			<u>OFFICE</u> AJV-A422		<u>DATE</u> 02/08/2019	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST	

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FAA Form 8260-9 / (11/16) Supersedes Previous Edition

Electronic Version

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