FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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.

AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
AKH	RNAV (GPS) RWY 3	2	GASTONIA	NC

AIRPORT ELEVATION	TDZE	SUPERSEDED	ORIGINAL/AMENDMENT	DATED	MAG VAR	EPOCH YEAR
798	798	RNAV (GPS) RWY 3	1B	08/15/2019	6W	2000

FACILITY	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE	CANCEL/SUSPEND
RNAV			ROUTINE	

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 304/30 CW 124/30	NOPT	304/15 CW 124/15		3300
2. 304/15 CW 124/15		SIDAR	IF/IAF	3000
3. 124/30 CW 304/30		SIDAR	IF/IAF	3800

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
SIDAR	IF/IAF	ACLAC		TF	FB	1.00	034.28	6.03	2400
ACLAC	FAF	RW03	MAP	TF	FO	0.30	034.31	4.91	
RW03	MAP	1198 MSL		CA			034.31		
1198 MSL		SIDAR		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LP: RW03
LNAV: RW03

MISSED APPROACH INSTRUCTIONS:

CLIMBING LEFT TURN TO 3000 DIRECT SIDAR AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
2. HOLD SW SIDAR, RT, 034.28 INBOUND, 3000 FT. IN LIEU OF PT (IF/IAF), MAX 6000.
3. **FAC:** 034.31 **FAF:** ACLAC **DIST FAF TO MAP:** 4.91 **DIST FAF TO THLD:** 4.91
4. **MIN ALT:** SIDAR 3000, ACLAC 2400
5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **GS ANT:**
6. **MIN GP INCPT:** **GP ALT AT FAF:** **OM:** **MM:** **IM:**
7. **GP ANGLE:** **34:1:** IS NOT CLEAR **20:1:** IS NOT CLEAR **TCH:**
8. **MSA FROM:**

QUALITY 6 CHECKED

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO CATS A AND B.
CHART NOTE: RWY 03 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CLT ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET AND VISIBILITIES CAT C 1/8 SM.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LP CAT C VISIBILITY TO 1 3/8 SM.
CHART NOTE: FOR INOPERATIVE ALS WHEN USING CLT ALTIMETER SETTING INOPERATIVE TABLE DOES NOT APPLY TO CATS A AND B, INCREASE LP CAT C VISIBILITY TO 1 3/8 SM AND LNAV CAT C VISIBILITY TO 1 1/2 SM.

ADDITIONAL FLIGHT DATA:

FAS OBST: 981 AAO 350848N/0811145W.
WAAS CHANNEL # 56547
REFERENCE PATH ID: W03A
ACLAC TO RW03: 3.00/40.
LTP HAE: 211.3 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

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
LP MDA	1240	1	442	1240	1	442	1240	1 1/8	442		NA				
LNAV MDA	1280	1	482	1280	1	482	1280	1 1/4	482		NA				

QUALITY 6 CHECKED

AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
AKH	RNAV (GPS) RWY 3	2	GASTONIA	NC

CHANGES - REASONS

1. DELETE NOTE: RNP APCH – APPLIED NEW PBN REQUIREMENTS NOTE.
2. PBN REQUIREMENTS NOTE: RNP APCH – GPS. - IAW FAAO 8260.19J, 8-6-8 (5)(B)(2).
3. DELETE LPV MINIMA LINE - MULTIPLE VGS PENETRATIONS.
4. DELETED MSA - REPLACED WITH TAA.
5. CHANGED MISSED APPROACH INSTRUCTION FROM: "CLIMB TO 3200 DIRECT SAVKE AND VIA 289° TRACK TO HIVSI AND 202° TRACK TO GAFFE AND HOLD." TO "CLIMBING LEFT TURN TO 3000 DIRECT SIDAR AND HOLD." - CHANGED MISSED APPROACH CLEARANCE LIMIT AND HOLDING FROM GAFFE TO SIDAR.
6. CHANGED ALTIMETER NOTE FROM: "IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHARLOTTE DOUGLAS INTL ALTIMETER SETTING AND INCREASE ALL DAS/MDAS 40 FEET" TO "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CLT ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET AND VISIBILITY CAT C 1/8 SM." - IAW FAAO 8260.19J, 8-6-12 (N)(1)(A)(1).
7. CHANGE INOPERATIVE NOTE TO FROM "INOPERATIVE TABLE DOES NOT APPLY" TO "INOPERATIVE TABLE DOES NOT APPLY TO CATS A AND B." - IAW FAAO 8260.19J, 8-6-12 (O)(3)(C).
8. ADDED CHART NOTE: FOR INOPERATIVE ALS WHEN USING CLT ALTIMETER SETTING INOPERATIVE TABLE DOES NOT APPLY TO CATS A AND B, INCREASE LP CAT C VISIBILITY TO 1 3/8 SM AND LNAV CAT C VISIBILITY TO 1 1/2 SM.
9. ADDED TAA 304/30 CW 124/30 (NO PT)(ALT 3300), 304/15 CW 124/15 (NO PT)(ALT 3000) AND 124/30 CW 304/30 (PT)(ALT 3800). - PER FPT CHECKLIST AND IAW 8260.58C, SECTION 2-4.
10. DELETE FEEDER ROUTES FROM IAFS GAFFE AND LOCKS TO IF/IAF (SIDAR). - ADDED TAA AND CHANGED MISSED APPROACH CLEARANCE LIMIT TO WAYPOINT SIDAR.
11. DELETE PLANVIEW NOTE: PROCEDURE NA ARRIVALS AT GAFFE VIA V54 AIRWAY WESTBOUND. - FEEDER ROUTE DELETED AND TAA ADDED.
12. DELETE PLANVIEW NOTE: PROCEDURE NA ARRIVALS AT LOCKS VIA V454 AIRWAY SOUTHWEST BOUND. - FEEDER ROUTE DELETED AND TAA ADDED.
13. CHANGED LINE 3 DISTANCE FAF TO MAP FROM 4.84 NM TO 4.91 NM. - FIX ACLAC MOVED DUE TO NEW EVALUATION.
14. CHANGE VGSI NOTE FROM "VGSI AND RNAV GLIDEPATH NOT COINCIDENT." TO "VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). - IAW 8260.19J, 8-6-10(M)(1).
15. CHART 20:1 IS NOT CLEAR- IAW FAA ORDER 8260.19J, 8-6-7 (G)(3).
16. FAS OBSTACLE CHANGED FROM "997 TOWER 350947NI0811153W" TO "981 AAO 350848.00N/0811145.00W" - NEW EVALUATION.
17. ADDED CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. - IAW 8260.19J, 8-6-12 (K)(2).
18. ADDED PROCEDURE NA AT NIGHT NOTE - 20:1 PENETRATIONS.
19. ADDED TO ADDITIONAL FLIGHT DATA: ACLAC TO RW03: 3.00/40 - REMOVAL OF LPV MINIMUMS REQUIRES VDA/TCH DOCUMENTATION IAW THE 8260.19J, 8-6-11 O.
20. ADDED LP MINIMA LINE - PER FPT REQUEST
21. CHANGED LNAV MINIMA FROM MDA 1440/HAT 642 VIS CAT C 1 3/4 SM TO MDA 1280/HAT 482, VIS CAT A/B 1 SM. - NEW EVALUATION WITH LP MINIMA ADDITION AND OBST IMPACT TEAM APPROVAL.
22. FAS DATA: UPDATED LTP/FTP LATITUDE/LONGITUDE FROM 351153.0380N/0810910.3310W TO 351153.0395N/0810910.3290W - RWY THLD MOVEMENT.
23. FAS DATA: UPDATED FPAP LATITUDE/ LONGITUDE FROM 351311.5800N/0810818.7100W TO 351311.5860N/0810818.7165W - NEW EVALUATION.
24. FAS DATA: UPDATED VAL FROM 50.0 TO 00.0 - REMOVED LPV MINIMA AND ADDED LP MINIMA.
25. FAS DATA: UPDATED CRC REMAINDER FROM 01163DEF TO B69283A2 - LTP AND FPAP LAT/LONG UPDATE.
26. ADDITIONAL FLIGHT DATA: WAAS CHANGED FROM #90302 TO #56547- REMOVED LPV AND ADDED LP MINIMA.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** CLT APP CON, ZTL, ATL FPO, AIRPORT MANAGER, ATA

FLIGHT CHECKED BY		OFFICE	DATE

DEVELOPED BY		OFFICE	DATE
TROY PURNELL	*Digitally signed by* ***TROY PURNELL*** Apr 25, 2025	AJV-A433	03/13/2025

APPROVED BY	OFFICE	DATE	TITLE
ROBERT G HAMILTON	AJV-A433		MANAGER

QUALITY 6 CHECKED

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KAKH
RUNWAY	RW03
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W03A
LTP/FTP LATITUDE	351153.0395N
LTP/FTP LONGITUDE	0810910.3290W
LTP/FTP ELLIPSOIDAL HEIGHT	+02113
FPAP LATITUDE	351311.5860N
FPAP LONGITUDE	0810818.7165W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1600
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	00.0
CRC REMAINDER	B69283A2

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+02425
FPAP ORTHOMETRIC HEIGHT	+02425

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

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
AKH	RNAV (GPS) RWY 3	2	GASTONIA	NC	798	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

FROM
304/30 CW 124/30

TO
304/15 CW 124/15

RNP	DISTANCE	PAT	MAP	HAT	HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (37-002104)	351841.68N/0814612.35W	1294	20	3	1A	2000					3300
TERRAIN	350648.00N/0814609.00W	1253 (1300)								AS1500	2800

COMPUTATIONS

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

SEGMENT REMARKS:

STRAIGHT-IN AREA

FROM
304/15 CW 124/15

TO
SIDAR

RNP	DISTANCE	PAT	MAP	HAT	HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	350815.00N/0813012.00W	1368	215	8	4B	1000				AT632	3000
TERRAIN	350815.00N/0813012.00W	1167 (1200)								AS1500	2700

COMPUTATIONS

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

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
AKH	RNAV (GPS) RWY 3	2	GASTONIA	NC	798	RNAV

STRAIGHT-IN AREA

FROM
124/30 CW 304/30

TO
SIDAR

RNP	DISTANCE	PAT	MAP	HAT	HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (37-001173)	352049.00N/0811014.00W	2754	500	125	5E	1000					3800
TERRAIN	351227.00N/0811845.00W	1663 (1700)								AS1500	3200

COMPUTATIONS

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

SEGMENT REMARKS:

INTERMEDIATE

FROM
SIDAR (IF/IAF)

TO
ACLAC

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	6.03				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (45-000945)	350245.00N/0811556.00W	1157	50	20	2C	500				DG743	2400
TERRAIN	350457.00N/0811545.00W	836 (800)								AS1500	2300

COMPUTATIONS

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

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
AKH	RNAV (GPS) RWY 3	2	GASTONIA	NC	798	RNAV

FINAL: LP

FROM	TO
ACLAC	RW03

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	4.91		RW03	442	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	350848.00N/0811145.00W	981	215	8	4B	250					1240

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LNAV

FROM	TO
ACLAC	RW03

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	4.91		RW03	482	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	350848.00N/0811145.00W	981	215	8	4B	250				MA40	1280

COMPUTATIONS

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

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
AKH	RNAV (GPS) RWY 3	2	GASTONIA	NC	798	RNAV

HOLD-IN-LIEU OF PT

FROM	TO
SIDAR	P-5

RNP	DISTANCE	PAT	MAP	HAT	HMAS
		P-5			

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (45-001586)	350351.84N/0811827.39W	1252	50	20	2C	1000					2300
TERRAIN	350457.00N/0811545.00W	836 (800)								AS1500	2300

COMPUTATIONS

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

SEGMENT REMARKS:

MISSED APPROACH: LP

FROM	TO
RW03	SIDAR

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30-1.00					1140

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
TOWER (45-000698)	350747.42N/0811628.36W	1540	20	10	1B	1000					2600
TERRAIN	350751.00N/0811627.00W	1128 (1100)								AS1500	2600

COMPUTATIONS

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

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
AKH	RNAV (GPS) RWY 3	2	GASTONIA	NC	798	RNAV

MISSED APPROACH: LNAV

FROM	TO
RW03	SIDAR

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30-1.00					1180

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE	351224.00N/0811015.00W	1177	215	8	4B		ASC				3000
TOWER (45-000698)	350747.42N/0811628.36W	1540	20	10	1B	1000					2600
TERRAIN	350751.00N/0811627.00W	1128 (1100)								AS1500	2600

COMPUTATIONS

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

SEGMENT REMARKS:

CIRCLING ☐ ALL CATS ☐ CAT A ☐ CAT B ☐ CAT C ☐ CAT D ☐ CAT E ☒ NOT AUTHORIZED

MSA/ESA

CENTER	RADIUS

REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

QUALITY 6 CHECKED

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
AKH	RNAV (GPS) RWY 3	2	GASTONIA	NC	798	RNAV

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

CLT APP CON, RDU FSS

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	AKH	24	AKH	0	Y	0
BACK-UP WX SERVICE	**LOCATION**	**HRS OPERATION**	**ALTIMETER SOURCE**	**DISTANCE**	**WMSCR**	**ADJUSTMENTS**
ASOS	CLT	24	CLT	9.90	Y	32

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KAKH 798, KCLT 732
RA = 31.6.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW03 - ODALS (PCL), MIRL (PCL), PAPI-2R (PCL)	NPI-G	
RW21 - MIRL (PCL), PAPI-2L (PCL)	NPI-G	

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
3.00	795.5	40.0			3.00	28.6

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	[X]	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	[X]	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA

CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	LP, LNAV
20:1	
820 TRAVERSE_WAY (37-136756) 351151.3300N/0810913.7800W (20.1)	820 TRAVERSE_WAY (37-136878) 351151.0900N/0810913.2500W (20.07)
819 TRAVERSE_WAY (37-137797) 351150.9600N/0810912.9700W (19.04)	819 TRAVERSE_WAY (37-137671) 351150.5000N/0810911.9400W (19.03)
819 TRAVERSE_WAY (37-137726) 351150.2200N/0810911.3200W (19)	819 TRAVERSE_WAY (37-137362) 351150.7500N/0810912.5200W (19)
819 TRAVERSE_WAY (37-136463) 351150.0800N/0810911.0200W (18.97)	819 TRAVERSE_WAY (37-136857) 351149.9500N/0810910.7300W (18.96)
819 TRAVERSE_WAY (37-136582) 351149.7700N/0810910.3800W (18.85)	819 TRAVERSE_WAY (37-136799) 351149.6500N/0810910.1500W (18.77)

819 TRAVERSE_WAY (37-136391) 351149.5700N/0810910.0000W (18.71)	819 TRAVERSE_WAY (37-137600) 351149.4400N/0810909.7800W (18.56)
818 TRAVERSE_WAY (37-137344) 351150.8300N/0810912.9600W (17.49)	816 TRAVERSE_WAY (37-136223) 351150.5800N/0810913.0100W (14.27)
815 TRAVERSE_WAY (37-136668) 351150.4100N/0810913.1400W (12.26)	815 TRAVERSE_WAY (37-136196) 351150.3500N/0810913.2200W (11.84)
815 TRAVERSE_WAY (37-136459) 351150.2400N/0810913.3900W (11.01)	815 TRAVERSE_WAY (37-136257) 351150.0500N/0810913.7600W (9.44)
816 TRAVERSE_WAY (37-136797) 351149.7600N/0810914.1700W (8.34)	817 TRAVERSE_WAY (37-136293) 351149.4400N/0810914.4100W (7.44)
817 TRAVERSE_WAY (37-137244) 351149.3700N/0810914.4400W (7.07)	817 TRAVERSE_WAY (37-136404) 351149.1200N/0810914.5300W (5.78)
817 TRAVERSE_WAY (37-137064) 351148.6800N/0810914.6500W (3.59)	816 TRAVERSE_WAY (37-136347) 351148.5100N/0810914.6900W (1.75)
816 TRAVERSE_WAY (37-137442) 351148.4300N/0810914.7100W (1.36)	
FINAL TYPE	LP, LNAV
34:1	
895 TREE (37-137133) 351131.0200N/0810930.8300W (23.99)	881 TREE (37-137937) 351134.4300N/0810929.0700W (20.96)
846 TREE (37-136211) 351140.3300N/0810914.4400W (18.35)	853 TREE (37-136981) 351137.7400N/0810915.3100W (17.56)
863 TREE (37-137909) 351137.5200N/0810926.8300W (13.64)	876 TREE (37-136521) 351133.5800N/0810929.9600W (12.7)
834 TREE (37-136515) 351142.1300N/0810913.3500W (12.33)	840 TREE (37-137477) 351140.1600N/0810915.3100W (10.9)
885 TREE (37-136406) 351129.9500N/0810931.1400W (10.83)	839 TREE (37-137887) 351140.8200N/0810916.5300W (10.21)
843 TREE (37-136701) 351139.4700N/0810917.3800W (9.69)	841 TREE (37-136588) 351140.2800N/0810918.0800W (9)
865 TREE (37-136686) 351135.3600N/0810927.9900W (8.64)	816 TRAVERSE_WAY (37-136435) 351148.0900N/0810914.8100W (8.23)
853 TREE (37-137095) 351134.7100N/0810917.0500W (7.62)	852 TREE (37-137245) 351135.9000N/0810918.8900W (7.6)
875 TREE (37-136996) 351131.0300N/0810927.9300W (7.38)	813 TREE (37-137020) 351147.4600N/0810911.7100W (7.18)
815 TRAVERSE_WAY (37-136916) 351147.9700N/0810914.8600W (6.86)	849 TREE (37-136309) 351138.9300N/0810923.8000W (6.84)
827 TREE (37-136488) 351142.5600N/0810913.6100W (6.15)	848 TREE (37-136427) 351136.5100N/0810918.1000W (6.11)
832 TREE (37-136448) 351141.8900N/0810916.5900W (5.94)	839 TREE (37-136381) 351139.7700N/0810917.8800W (5.9)
847 TREE (37-137474) 351136.1600N/0810916.8100W (5.69)	838 TREE (37-137037) 351139.6900N/0810917.2000W (5.48)
836 TREE (37-136403) 351140.2100N/0810916.7600W (5.35)	811 TREE (37-137491) 351147.2100N/0810911.0200W (5.32)
836 TREE (37-136590) 351140.1800N/0810917.1400W (4.83)	834 TREE (37-137877) 351140.7700N/0810916.9600W (4.58)
814 TRAVERSE_WAY (37-137170) 351147.4900N/0810915.0600W (4.37)	828 TREE (37-137979) 351141.9600N/0810915.0300W (3.93)
835 TREE (37-138016) 351140.2300N/0810917.6400W (3.38)	825 TREE (37-136667) 351142.2900N/0810913.8000W (3.22)
843 TREE (37-137145) 351136.9900N/0810917.3900W (3.19)	837 TREE (37-137386) 351139.5300N/0810918.2400W (2.86)
830 TREE (37-136838) 351140.6300N/0810914.8600W (2.65)	813 TRAVERSE_WAY (37-136746) 351147.2600N/0810915.1800W (2.63)
843 TREE (37-136585) 351136.7000N/0810917.4500W (2.36)	836 TREE (37-136511) 351139.5800N/0810918.0800W (2.17)
833 TREE (37-137485) 351140.2500N/0810917.0300W (2.14)	831 TREE (37-137089) 351141.1000N/0810917.3900W (1.95)
873 TREE (37-137824) 351130.6000N/0810930.0500W (1.8)	869 TREE (37-137047) 351131.0200N/0810927.5800W (1.76)
846 TREE (37-137319) 351135.3700N/0810917.6100W (1.7)	833 TREE (37-137857) 351139.9700N/0810916.8800W (1.58)
840 TREE (37-136805) 351137.1500N/0810916.7600W (1.34)	845 TREE (37-137082) 351135.7300N/0810917.9300W (1.27)
868 TREE (37-137146) 351131.1500N/0810927.6000W (1.08)	837 TREE (37-136616) 351140.2600N/0810921.5800W (0.9)

806 TREE (37-136662) 351147.6400N/0810911.5400W (0.85)	830 TREE (37-136717) 351141.1900N/0810917.7900W (0.72)
814 TREE (37-136839) 351145.4100N/0810913.5800W (0.64)	870 TREE (37-137236) 351131.1400N/0810929.6800W (0.64)
833 TREE (37-136499) 351140.0200N/0810917.8300W (0.61)	806 TREE (37-136776) 351147.3200N/0810911.0200W (0.61)
826 TREE (37-137962) 351142.2100N/0810916.8500W (0.48)	827 TREE (37-137898) 351141.9400N/0810917.2100W (0.36)
830 TREE (37-136401) 351140.8000N/0810917.2500W (0.33)	806 TREE (37-137863) 351147.3600N/0810911.4000W (0.27)
838 TREE (37-137051) 351137.7100N/0810917.2200W (0.27)	873 TREE (37-137878) 351129.8600N/0810929.7100W (0.26)
831 TREE (37-136786) 351139.6500N/0810915.5700W (0.26)	833 TREE (37-136188) 351139.5800N/0810917.1700W (0.23)
812 TRAVERSE_WAY (37-137438) 351146.8100N/0810915.4100W (0.19)	825 TREE (37-137419) 351141.7700N/0810915.3100W (0.11)
PENETRATIONS REMARKS:	

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

VDP NA - 20:1 VISUAL SURFACE PENETRATIONS.

PER FPT TREE HEIGHT: 100'

LPV MINIMUMS WERE REMOVED DUE TO NUMEROUS VGS PENETRATIONS.

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
AKH	RNAV (GPS) RWY 3	2	GASTONIA	NC	798	RNAV

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**	2.91
WIDTH OF	FINAL	**SEGMENT AT 1000FT POINT**	1.20
TRUE COURSE OF	FINAL	**SEGMENT CONTAINING 1000FT POINT**	028.31
HIGH TERRAIN IN	FINAL	**SEGMENT CONTAINING 1000FT POINT**	800
DISTANCE FROM	THLD	**TO 1500FT POINT**	4.71
WIDTH OF	FINAL	**SEGMENT AT 1500FT POINT**	1.95
TRUE COURSE OF	FINAL	**SEGMENT CONTAINING 1500FT POINT**	028.31
HIGH TERRAIN IN	FINAL	**SEGMENT CONTAINING 1500FT POINT**	800

THRESHOLD COORDINATES (IF STR-IN)	351153.04N/0810910.33W
ARP COORDINATES	351209.44N/0810859.55W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 21 DISTANCE 0.31 NM
FAF COORDINATES	350733.15N/0811200.88W
FIX NAME COORDINATES	

REMARKS

DESCRIPTION OF TAA RADII 30 NM
IF/IAF SIDAR: 350214.00N/0811529.93W
304/30 CW 124/30 TO SIDAR
124/30 CW 304/30 TO SIDAR
304/15 CW 124/15 TO SIDAR

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
TROY PURNELL	AJV-A433	03/13/2025	AERONAUTICAL INFORMATION SPECIALIST