

Flight Procedures Cover Page	Task Action: FLIGHT CHECK	Task Type: STAR	Estimated Chart Date: 01/22/2026	APWS Task ID: 838D4FC313A6432FBEA6C94D7D837803	APWS Project ID: 8154610241134D19A5E95B68B8FB818D
Procedure: STAR GAVIN SEVEN (RNAV) COVINGTON KY KCVG		Enroute: YES	Specialist: Copeland, Guy		Agreement Number:
Airport ID: KCVG			Airport City: COVINGTON		State: KY
Facility ID:	Facility Type:	Flight Inspection Remark Type: New FC Slot			

Procedure Comments:
CONTACT: ROBERT HAMILTON, AJV-A433, 405-954-4608

8260-2 PAPA
11/20/2025: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 10/12/2025.
ICAO REGION CODE: CHNAGED FROM K3 TO K5.



09/23/2025



FIPC DME/DME FORM

PROCEDURE: GAVNN (RNAV) EIGHT ARRIVAL		AIRPORT NAME: CINCINNATI/NORTHERN KENTUCKY	AIRPORT ID: KCVG	SPECIAL CONTROL NO: AG-09-317-25
FAC ID: GAVNN8	CITY: COVINGTON		ST: KY	ORIG CHART DATE: 01/22/2026
DFL TYPE: PROC/D	THIRD PARTY: <input type="checkbox"/> YES	EST. TIME ON SITE: 1.0	REIMB. NUMBER:	PTS TASK ID: 838D4FC313A6432FBEA6C94D7D837803

PREFLIGHT NOTES

REVIEWER: jeffrey eckman	DATE: 10/10/2025
COMMENTS:	CHECK ONE: <input type="checkbox"/> FLT CK REQ <input checked="" type="checkbox"/> NFCR <input type="checkbox"/> REJECT
	YES NO
	CPV COMPLETE? <input checked="" type="checkbox"/> X <input type="checkbox"/>

PROCEDURE RESULTS

INSPECTION DATE: 10/10/2025	CREW #: VN327	N #:	INSTRUMENT PROCEDURE STATUS: <input checked="" type="checkbox"/> SAT <input type="checkbox"/> SAT W/CHANGES <input type="checkbox"/> UNSAT	ARINC CODING: <input checked="" type="checkbox"/> SAT <input type="checkbox"/> SAT/GOLD <input type="checkbox"/> UNSAT
FLIGHT INSPECTOR SIGNATURE: jeffrey eckman @ 10/10/2025 07:27		PRINTED NAME: ECKMAN, JEFFREY ALAN		NOTAM INITIATED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

FLIGHT INSPECTOR REMARKS:

DME/DME STATUS: <input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	SPECIALIST SIGNATURE: lisa a-ctr thrysoe @ 10/20/2025 10:31	PRINTED NAME: Lisa Thrysoe
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SPECIALIST REMARKS:
No Post Flight DME DME analysis required.

IN-FLIGHT OBSTACLE REPORT

OBSTRUCTION ID #:	COORDINATES OR LOCATION:	GNSS ALTITUDE (MSL):	BAROMETRIC ALTITUDE (MSL):	HEIGHT ABOVE GROUND LEVEL:
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FIPC DME/DME FORM

PROCEDURE: GAVNN (RNAV) EIGHT ARRIVAL		AIRPORT NAME: CINCINNATI/NORTHERN KENTUCKY		AIRPORT ID: KCVG	SPECIAL CONTROL NO: AG-09-317-25
FAC ID: GAVNN8		CITY: COVINGTON		ST: KY	ORIG CHART DATE: 01/22/2026
DFL TYPE: PROC/D	THIRD PARTY: <input type="checkbox"/> YES	EST. TIME ON SITE: 1.0	REIMB. NUMBER:	PTS TASK ID: 838D4FC313A6432FBEA6C94D7D837803	

PREFLIGHT NOTES

REVIEWER: jeffrey eckman			DATE: 10/10/2025				
COMMENTS:			CHECK ONE:				
			<input type="checkbox"/> FLT CK REQ <input checked="" type="checkbox"/> NFCR <input type="checkbox"/> REJECT			YES	NO
			CPV COMPLETE?			X	

PROCEDURE RESULTS

INSPECTION DATE: 10/10/2025	CREW #: VN327	N #:	INSTRUMENT PROCEDURE STATUS: <input checked="" type="checkbox"/> SAT <input type="checkbox"/> SAT W/CHANGES <input type="checkbox"/> UNSAT		ARINC CODING: <input checked="" type="checkbox"/> SAT <input type="checkbox"/> SAT/GOLD <input type="checkbox"/> UNSAT	
FLIGHT INSPECTOR SIGNATURE: jeffrey eckman @ 10/10/2025 07:27			PRINTED NAME: ECKMAN, JEFFREY ALAN			NOTAM INITIATED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

FLIGHT INSPECTOR REMARKS:

DME/DME STATUS: <input type="checkbox"/> SAT <input type="checkbox"/> UNSAT	SPECIALIST SIGNATURE:	PRINTED NAME:
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SPECIALIST REMARKS:

IN-FLIGHT OBSTACLE REPORT

OBSTRUCTION ID #:	COORDINATES OR LOCATION:	GNSS ALTITUDE (MSL):	BAROMETRIC ALTITUDE (MSL):	HEIGHT ABOVE GROUND LEVEL:
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Federal Aviation Administration

Memorandum

Date: September 6, 2023
To: Tom Lattimer, Airspace Manager CSA PBN Team
From: Jeff Chester, TCID Airspace & Procedures Support Manager
Prepared by: Robert Ellis, Senior ATC Specialist, NAVTAC Support
Subject: Letter of Approval Request GAVNN STAR, KCVG

KCVG GAVNN Standard Terminal Arrival Route (STAR): GAVNN to UDEYS

Currently, FAAO 8260.3E, para 2-2-8a, the maximum permissible descent gradient at or above 10,000ft MSL is 330 ft/nm, the maximum below 10,000 ft MSL is 318 ft/nm, and the maximum passing through 10,000 ft is calculated (using Formula 2-2-1) to be 328.5 ft/nm. GAVNN altitude restriction of at or below 17,000ft MSL and UDEYS altitude restriction of at or above 9,000ft MSL. The descent gradient (684.66ft/NM) from GAVNN to UDEYS is greater than the permissible allowed. Flight Standards approval is required.

The GAVNN STAR serves Cincinnati/Northern Kentucky International Airport. The descent gradient of 684.66 ft/NM is calculated from an altitude of 17,000ft MSL to 9,000ft MSL, over 11.68NM.

However, the altitude restriction at UDEYS is an at or above restriction and the altitude restriction at GAVNN is an at or below restriction. The descent gradient over multiple fixes is calculated on the following route sections:

JBIZZ (35.47NM) BRROW (26.48NM) ICKEY (22.30NM) GAVNN (4.99NM)
KNEDY (6.69NM) UDEYS (12.90NM) DAWGY = 108.83NM.

JBIZZ at FL240 descending to 8,000ft MSL at DAWGY is a 16,000ft descent over 108.83NM, a descent gradient of 147.02ft/NM.

JBIZZ (35.47NM) BRROW (26.48NM) ICKEY (22.30NM) GAVNN (4.99NM)
KNEDY (6.69NM) UDEYS (6.99NM) JOTAR = 102.92NM

JBIZZ at FL240 descending to a block altitude of 9,000-12,000ft MSL at JOTAR is a 12,000ft descent over 102.92NM, a descent gradient of 116.60ft/NM.

JBIZZ (35.47NM) BRROW (26.48NM) ICKEY (22.30NM) GAVNN (4.99NM)
KNEDY (6.69NM) UDEYS (11.64NM) BREWZ = 107.57NM

JBIZZ at FL240 descending to 6,000ft MSL at BREWZ is an 18,000ft descent over 107.57NM, a descent gradient of 167.33ft/NM

INFO ONLY

The at or above, at or below, and block altitude restrictions, utilized on JBIZZ, GAVNN, and JOTAR, respectively; are for ATC operational requirements. Industry simulation data indicates the procedure can be easily managed without increased energy management actions by the flight crew.

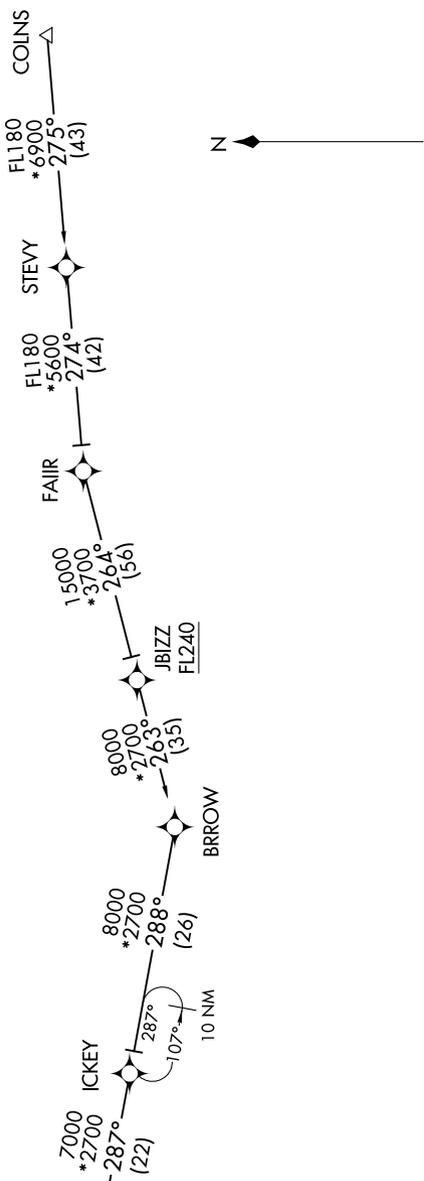
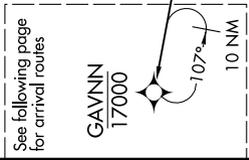
Therefore, ZID is requesting a Letter of Approval to utilize the at or below 17,000ft MSL restriction at GAVNN and the at or above 9,000ft MSL restriction at UDEYS resulting in a descent gradient of 684.66 ft/NM

Sincerely,

SE-1, 12 JUN 2025 to 10 JUL 2025

RNAV 1 - DME/DME/IRU or GPS.
 RADAR required.

CINCINNATI APP CON
 119.7 363.15 (090°-269°)
 123.875 363.15 (270°-089°)
 D-ATIS
 134.375



(CONTINUED ON FOLLOWING PAGE)

COLINS TRANSITION (COLNS.GAVNN7):
 FAIR TRANSITION (FAIR.GAVNN7):

NOTE: Chart not to scale.

SE-1, 12 JUN 2025 to 10 JUL 2025

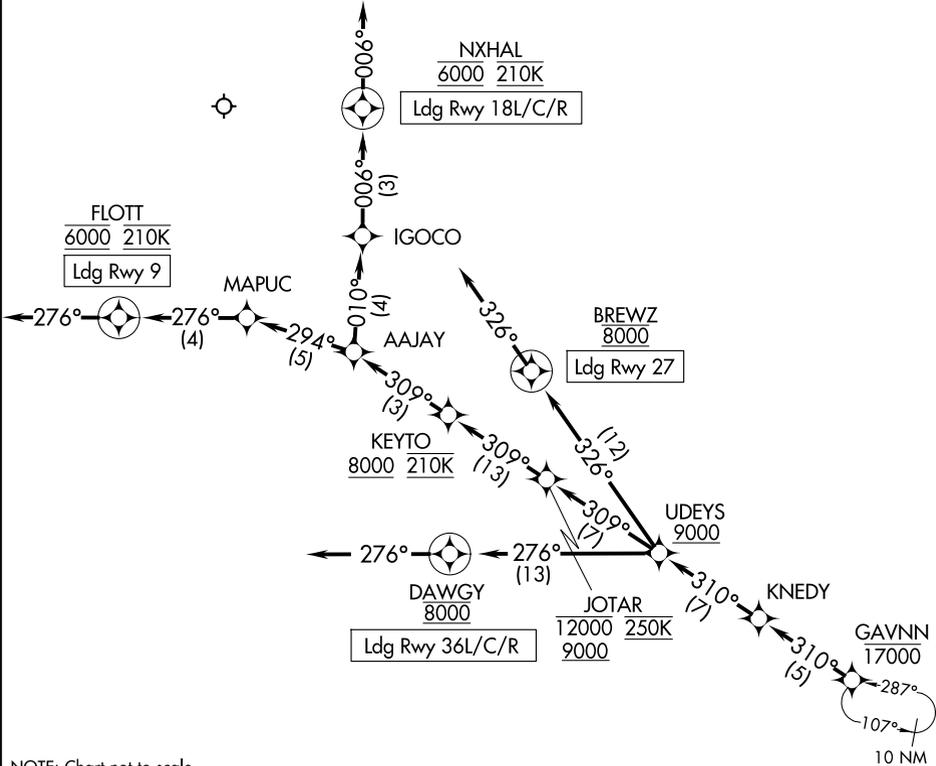
(GAVNN.GAVNN7) 24081
GAVNN SEVEN ARRIVAL (RNAV) Arrival Routes

OLD

AL-655 (FAA)
 CINCINNATI/NORTHERN KENTUCKY INTL (CVG)
 COVINGTON, KENTUCKY

CINCINNATI APP CON
 119.7 363.15 (090°-269°)
 123.875 363.15 (270°-089°)
 D-ATIS
 134.375

RNAV 1 - DME/DME/IRU or GPS.
 RADAR required.



NOTE: Chart not to scale.

ARRIVAL ROUTE DESCRIPTION

From GAVNN on track 310° to KNEDY, then on track 310° to UDEYS at or above 9000.

LANDING RUNWAY 9: From UDEYS on track 309° to cross JOTAR between 9000 and 12000 and at 250K, then on track 309° to cross KEYTO at or above 8000 and at 210K, then on track 309° to AAJAY, then on track 294° to MAPUC, then on track 276° to cross FLOTT at 6000 and at 210K, then on track 276°.

Expect RADAR vectors to final approach course.

LANDING RUNWAYS 18L/C/R: From UDEYS on track 309° to cross JOTAR between 9000 and 12000 and at 250K, then on track 309° to cross KEYTO at or above 8000 and at 210K, then on track 309° to AAJAY, then on track 010° to IGOCO, then on track 006° to cross NXHAL at 6000 and at 210K, then on track 006°.

Expect RADAR vectors to final approach course.

LANDING RUNWAY 27: From UDEYS on track 326° to cross BREWZ at 8000, then on track 326°. Expect RADAR vectors to final approach course.

LANDING RUNWAYS 36L/C/R: From UDEYS on track 276° to cross DAWGY at 8000, then on track 276°. Expect RADAR vectors to final approach course.

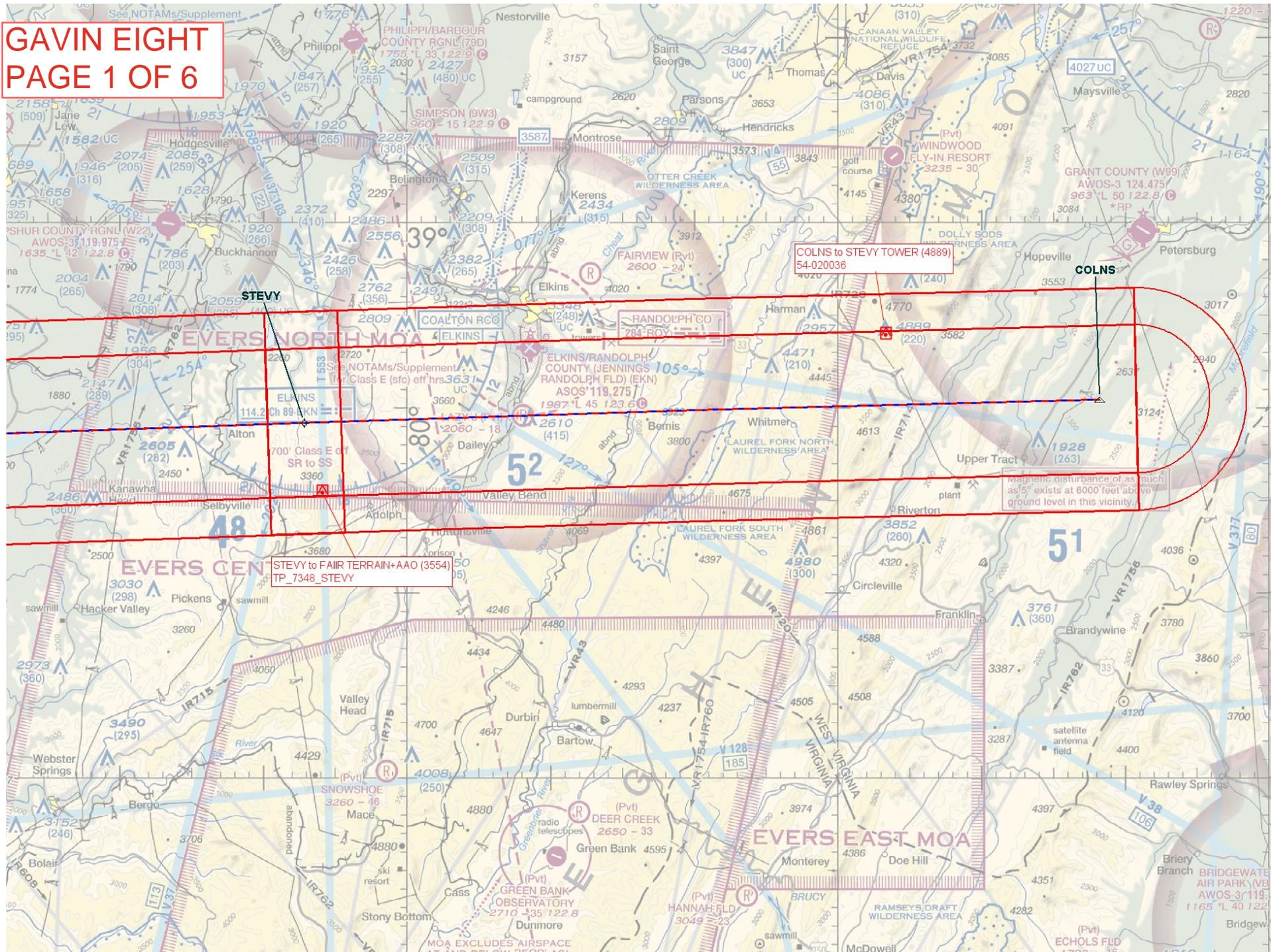
GAVNN SEVEN ARRIVAL (RNAV) Arrival Routes
 (GAVNN.GAVNN7) 21MAR24

COVINGTON, KENTUCKY
 CINCINNATI/NORTHERN KENTUCKY INTL (CVG)

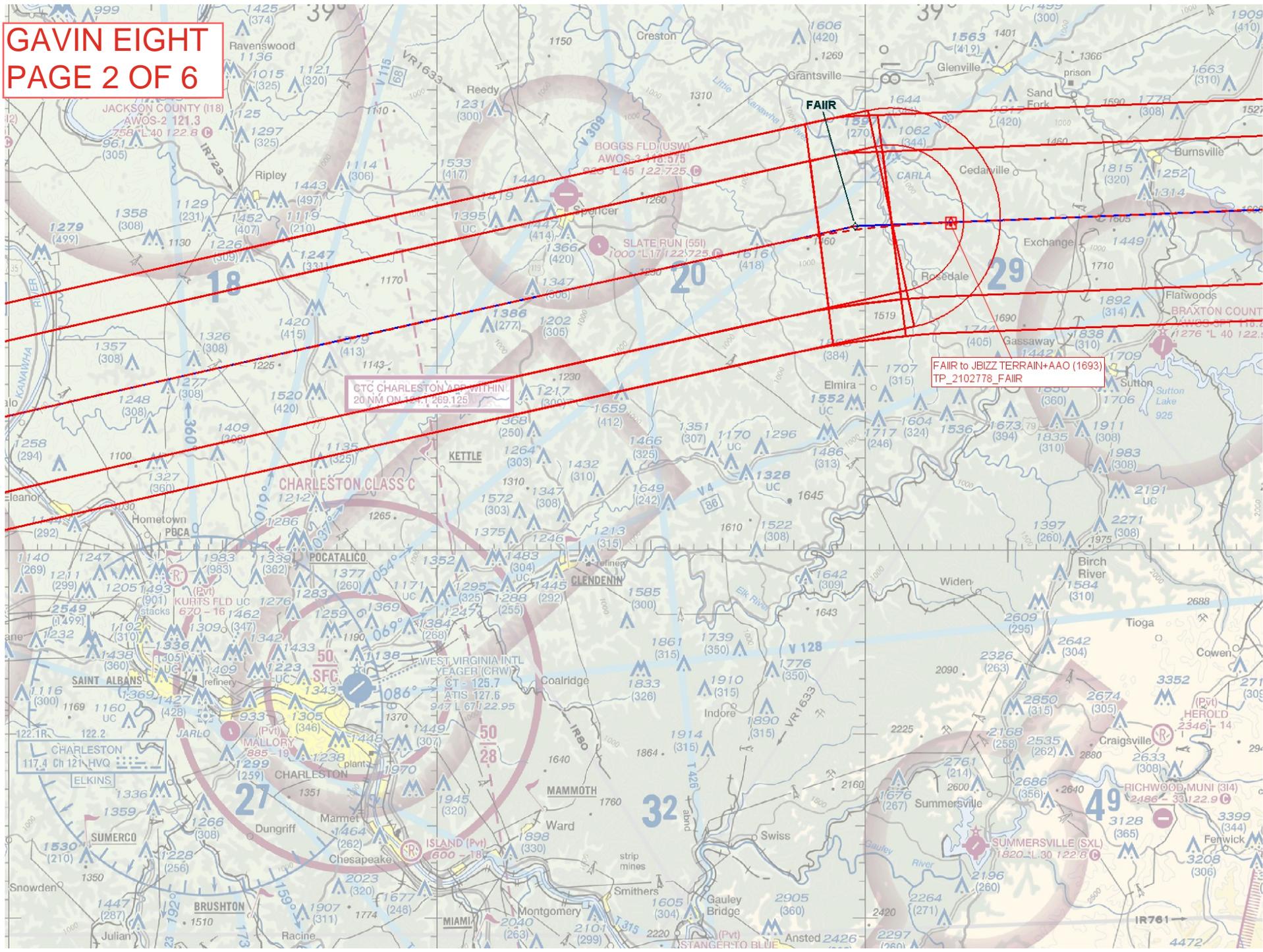
SE-1, 12 JUN 2025 to 10 JUL 2025

SE-1, 12 JUN 2025 to 10 JUL 2025

**GAVIN EIGHT
PAGE 1 OF 6**



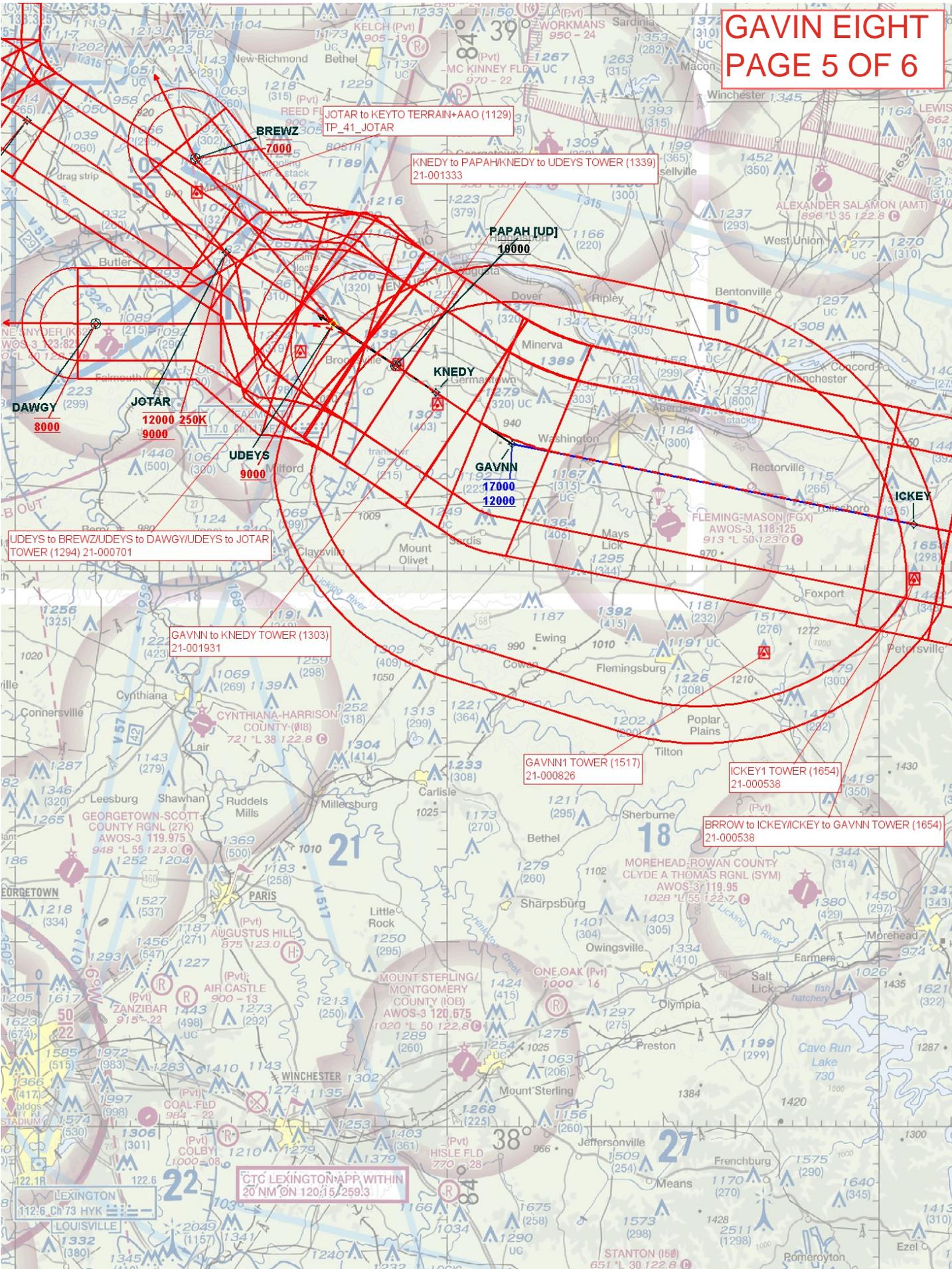
GAVIN EIGHT
PAGE 2 OF 6



CTC CHARLESTON APP WITHIN
20 NM ON 121.1 269.125

FAIR to JBIZZ TERRAIN+AAO (1693)
TP_2102778_FAIR

GAVIN EIGHT PAGE 5 OF 6



GAVIN EIGHT
PAGE 6 OF 6

