

Flight Procedures Cover Page	Task Action: FLIGHT CHECK	Task Type: Textual DP	Estimated Chart Date: 05/14/2026	APWS Task ID: 61FC8DCC8DC842D399B4A37F6B75998A	APWS Project ID: E7D15AE00E97411398365F9AA044F62D
Procedure: TAKEOFF MINIMUMS AND OBSTACLE DP AMDT 2		Enroute: NO	Specialist: Swinson, Robert		Agreement Number:
Airport ID: I10			Airport City: CALDWELL		State: OH
Facility ID:	Facility Type:	Flight Inspection Remark Type: New FC Slot			

**Procedure Comments:**  
ACTIVE AIRNAV DATA USED FOR KI10 AIRPORT AND RUNWAYS.  
APPROVAL LETTER FOR RWY 5: 400-2 1/2 MINIMUMS ONLY.  
I10\_DIV\_DEP\_RWY\_05\_AMDT\_2: 400-2 1/2, CTA 1400 OBSTACLES.  
I10\_DIV\_DEP\_RWY\_05\_AMDT\_2\_1: EXTENDED ICA FOR ROUTE , 400-2 1/2 OBSTACLES.  
I10\_DIV\_DEP\_RWY\_23\_AMDT\_2: 400-2 1/2, CTA 1600, 281 TO 1300 OBSTACLES.  
I10\_DIV\_DEP\_RWY\_23\_AMDT\_2\_1: EXTENDED ICA FOR ROUTE, 400-2 1/2, 281 TO 1300 OBSTACLES.  
I10\_DIV\_DEP\_RWY\_23\_AMDT\_2\_2: EXTENDED ICA, 281 TO 1300 OBSTACLE.  
CANCELS FDC NOTAM 5/4020.  
CONTACT CASMIR TABAKA 1-405-954-7931.





# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

25275

## CALDWELL, OH

NOBLE COUNTY (110)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 22MAY97 (97146) (FAA)

TAKEOFF MINIMUMS:

**Rwy 5, 23, 400-1.**

DEPARTURE PROCEDURE:

**Rwy 23, climb runway heading to 1500 before turning.**

OLD

## CAMBRIDGE, OH

CAMBRIDGE MUNI (CDI)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 05MAR15 (15064) (FAA)

TAKEOFF MINIMUMS:

**Rwy 4, 400-2 or std. w/min. climb of 397' per NM to 1400.****Rwy 22, 300-1½ or std. w/min. climb of 685' per NM to 1100.**

DEPARTURE PROCEDURE:

**Rwy 4, climb heading 040° to 1300 before turning left.**

TAKEOFF OBSTACLE NOTES:

**Rwy 4, multiple trees beginning 161' from DER, 179' left of centerline, up to 51' AGL/849' MSL.**

Multiple trees beginning 672' from DER, 563' right of centerline, up to 62' AGL/860' MSL.

Multiple poles beginning 301' from DER, 519' right of centerline, up to 31' AGL/973' MSL.

Multiple towers beginning 794' from DER, 659' left of centerline, up to 43' AGL/835' MSL.

Building 639' from DER, 386' right of centerline, 25' AGL/825' MSL.

Multiple poles beginning 990' from DER, 26' left of centerline, up to 36' AGL/826' MSL.

Multiple trees beginning 1147' from DER, 144' right of centerline, up to 74' AGL/872' MSL.

Multiple trees beginning 1307' from DER, 2' left of centerline, up to 89' AGL/887' MSL.

Multiple towers, poles beginning 1040' from DER, 336' right of centerline, up to 48' AGL/843' MSL.

Multiple towers, poles beginning 1089' from DER, 613' left of centerline, up to 36' AGL/833' MSL.

Sign 1029' from DER, 623' left of centerline, 35' AGL/832' MSL.

Monument 1.5 NM from DER, 402' left of centerline, 120' AGL/1098' MSL.

Multiple trees beginning 1.5 NM from DER, 738' right of centerline, up to 100' AGL/1126' MSL.

Tower 2.8 NM from DER, 4400' left of centerline, 233' AGL/1106' MSL.

**Rwy 22, multiple trees beginning 204' from DER, 309' right of centerline, up to 100' AGL/931' MSL.**

Multiple poles beginning 366' from DER, 43' right of centerline, up to 35' AGL/834' MSL.

NAVAID 300' from DER, 1' right of centerline, 9' AGL/807' MSL.

Obstruction light on DME 477' from DER, 168' right of centerline, 19' AGL/817' MSL.

Multiple trees beginning 1004' from DER, 395' left of centerline, up to 100' AGL/1023' MSL.

Multiple poles beginning 1165' from DER, 93' left of centerline, up to 34' AGL/1021' MSL.

Building 1272' from DER, 426' right of centerline, 21' AGL/881' MSL.

## CARROLLTON, OH

CARROLL COUNTY-TOLSON (TSO)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 5 02DEC21 (21336) (FAA)

TAKEOFF MINIMUMS:

**Rwy 7, 400-2½ or std. w/min. climb of 611' per NM to 1400.**

TAKEOFF OBSTACLE NOTES:

**Rwy 7, trees, poles beginning 28' from DER, 8' left of centerline, up to 82' AGL/1232' MSL.**

Trees beginning 343' from DER, 177' right of centerline, up to 65' AGL/1187' MSL.

Trees beginning 403' from DER, 117' right of centerline, up to 1195' MSL.

Tree 613' from DER, 205' right of centerline, 77' AGL/1203' MSL.

Trees beginning 625' from DER, 54' right of centerline, up to 1212' MSL.

Trees, building beginning 1511' from DER, 502' left of centerline, up to 1246' MSL.

Trees beginning 1549' from DER, 538' right of centerline, up to 1223' MSL.

Trees beginning 1566' from DER, 5' left of centerline, up to 1248' MSL.

Tree 1666' from DER, 612' left of centerline, 1270' MSL.

Trees beginning 1671' from DER, 38' left of centerline, up to 1299' MSL.

Trees beginning 1779' from DER, 25' right of centerline, up to 70' AGL/1253' MSL.

Trees beginning 1836' from DER, 28' left of centerline, up to 1311' MSL.

Trees beginning 1926' from DER, 41' left of centerline, up to 1312' MSL.

Trees beginning 1961' from DER, 60' right of centerline, up to 69' AGL/1264' MSL.

Tree 2003' from DER, 246' right of centerline, 70' AGL/1271' MSL.

Trees beginning 2014' from DER, 133' right of centerline, up to 81' AGL/1279' MSL.

Trees beginning 2035' from DER, 2' right of centerline, up to 108' AGL/1300' MSL.

Trees beginning 2075' from DER, 22' left of centerline, up to 77' AGL/1322' MSL.

Trees beginning 2183' from DER, 53' left of centerline, up to 88' AGL/1323' MSL.

Trees beginning 2383' from DER, 6' left of centerline, up to 119' AGL/1325' MSL.

Trees beginning 2545' from DER, 101' left of centerline, up to 114' AGL/1333' MSL.

Trees beginning 2606' from DER, 181' left of centerline, up to 71' AGL/1334' MSL.

Trees beginning 2706' from DER, 291' left of centerline, up to 76' AGL/1342' MSL.

Trees, transmission line beginning 3135' from DER, 25' left of centerline, up to 1344' MSL.

Tree 1.1 NM from DER, 1828' right of centerline, 91' AGL/1355' MSL.

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

25275



# Federal Aviation Administration

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## Memorandum

Date: 10/14/2025

To: Manager, Flight Procedure Standards

From: Lonnie Everhart  
Manager, Aero Nav Services  
Terminal Procedures and Charting Team

Subject: Approval Request : Noble County, OH (KI10) TAKEOFF ODP

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TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURE (ODP), Noble County, OH (KI10).

Ceiling and Visibility Minimums only due to excessive climb gradient obstacle, 8260.46K, Para. 2-1-3A(2), 2-1-5B(2).

Runway 5 at KI10 has no survey, therefore all obstacles are based on high terrain. The computed climb gradient is 8391.46 feet per NM to 1100 MSL. The obstacle driving this climb gradient is a 1035 MSL TREE (100 foot assumed obstacle). The obstacle is positioned 395.54 feet right of extended centerline in terrain/trees (100 foot assumed obstacle) running towards the airport. Evaluation of the airport has a high climb gradient that cannot be mitigated or Ceiling and Visibility (400-2 1/2) as the two options to depart RWY 05 at KI10. Additional levels of safety included are a Climb To Altitude of 1400 MSL before turning left to mitigate a 1235 MSL TREE (100 foot assumed obstacle). This obstacle is positioned outside of the ICA 2621.21 feet left of extended centerline.

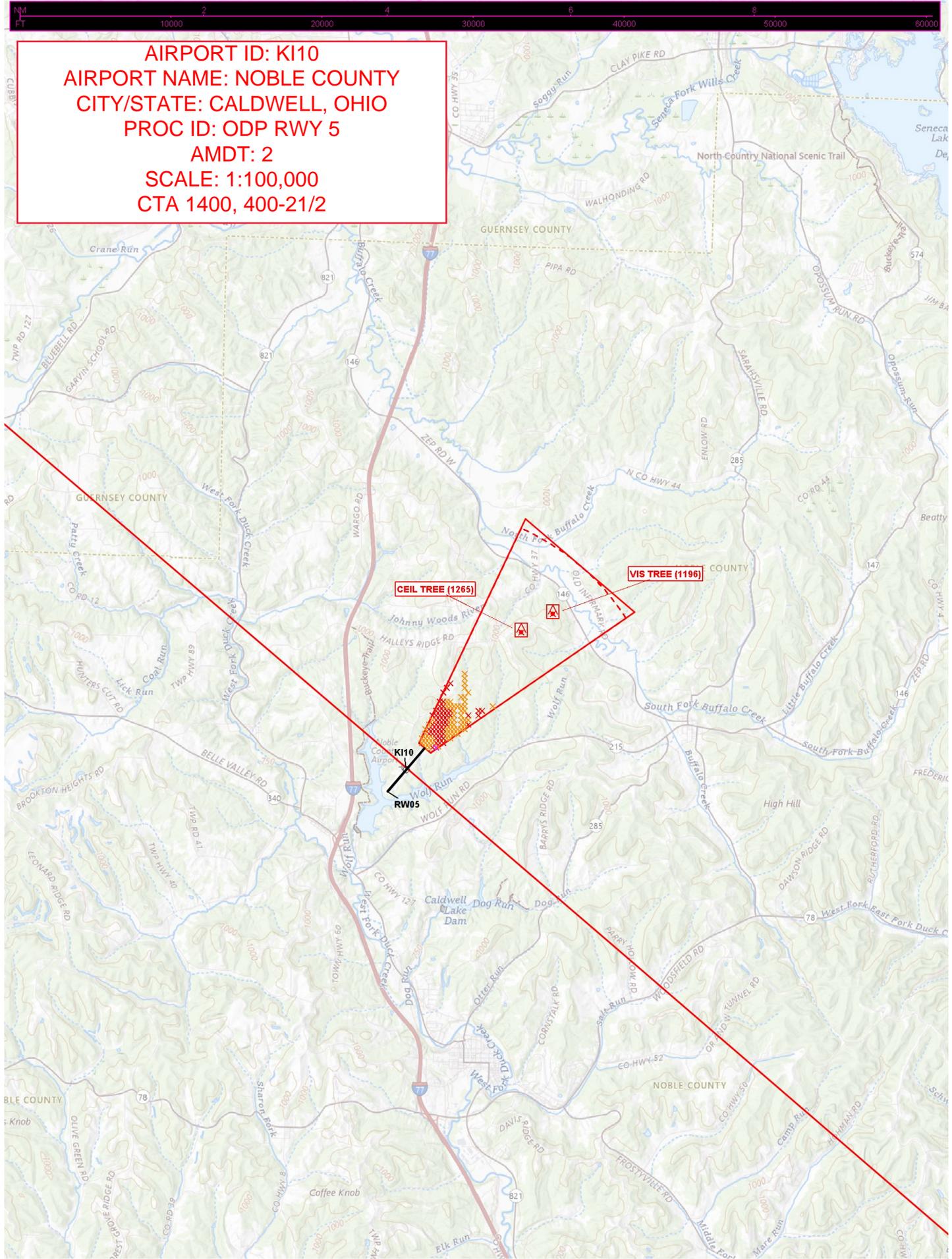
Request approval to publish Ceiling and Visibility (400-2 1/2) minimums only to allow 40:1 obstacle penetrations to be avoided.

The location of this obstacle makes it impossible to design a departure procedure to avoid the possible penetration.

Attachments: 1. TARGETS Software Calculations.  
2. Maps with controlling obstacles.



**AIRPORT ID: KI10**  
**AIRPORT NAME: NOBLE COUNTY**  
**CITY/STATE: CALDWELL, OHIO**  
**PROC ID: ODP RWY 5**  
**AMDT: 2**  
**SCALE: 1:100,000**  
**CTA 1400, 400-21/2**

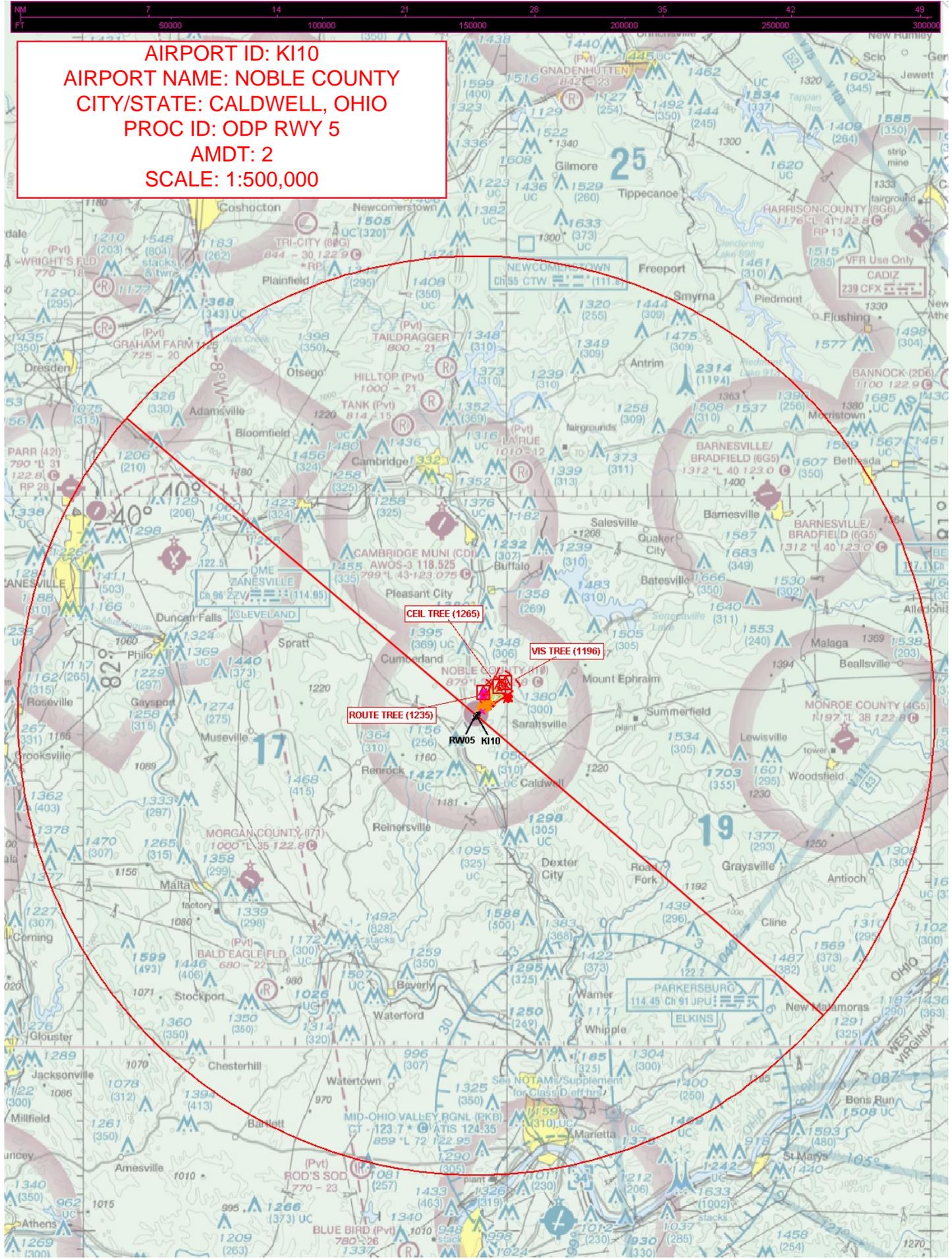


**CEIL TREE (1265)**

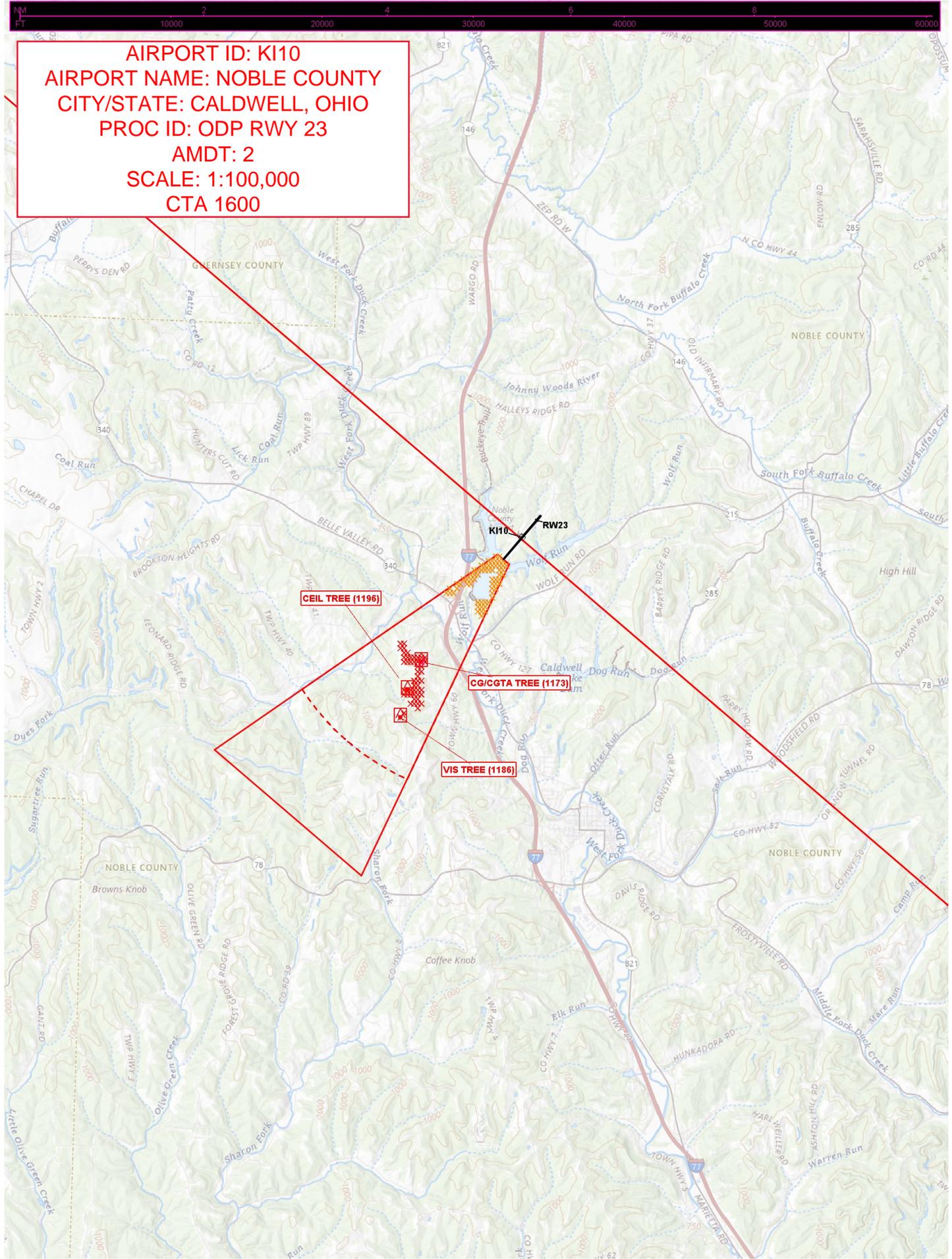
**VIS TREE (1196)**

**KI10**  
**RW05**

**AIRPORT ID: KI10**  
**AIRPORT NAME: NOBLE COUNTY**  
**CITY/STATE: CALDWELL, OHIO**  
**PROC ID: ODP RWY 5**  
**AMDT: 2**  
**SCALE: 1:500,000**

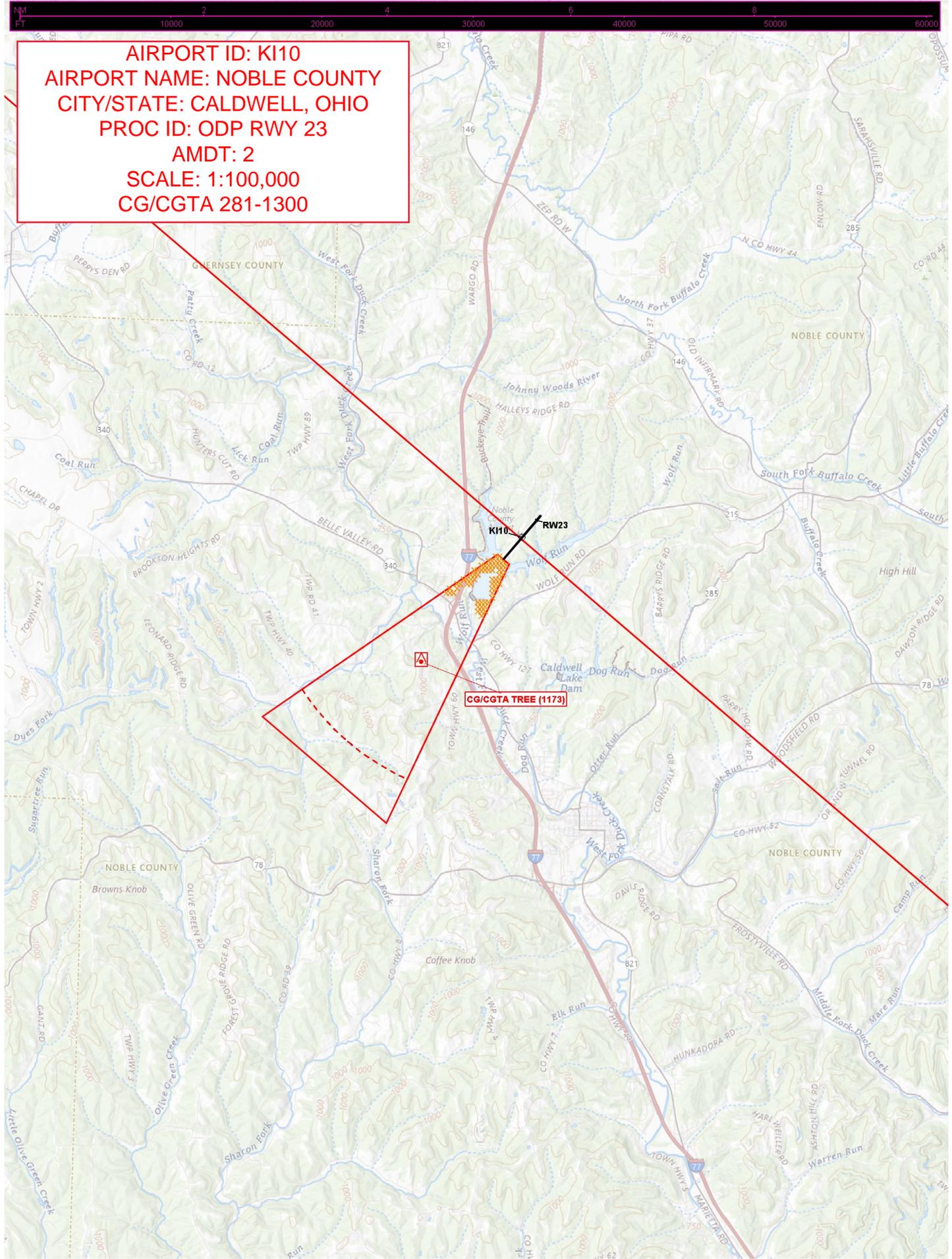


**AIRPORT ID: KI10**  
**AIRPORT NAME: NOBLE COUNTY**  
**CITY/STATE: CALDWELL, OHIO**  
**PROC ID: ODP RWY 23**  
**AMDT: 2**  
**SCALE: 1:100,000**  
**CTA 1600**





**AIRPORT ID: KI10**  
**AIRPORT NAME: NOBLE COUNTY**  
**CITY/STATE: CALDWELL, OHIO**  
**PROC ID: ODP RWY 23**  
**AMDT: 2**  
**SCALE: 1:100,000**  
**CG/CGTA 281-1300**



**CG/CGTA TREE (1173)**

**KI10 RW23**

**AIRPORT ID: KI10**  
**AIRPORT NAME: NOBLE COUNTY**  
**CITY/STATE: CALDWELL, OHIO**  
**PROC ID: ODP RWY 23**  
**AMDT: 2**  
**SCALE: 1:500,000**

