



SCOTTSDALE AIRPORT VICINITY DEVELOPMENT LONG FORM

For development projects with taxilane access and/or parcels adjacent to airport property

The owner of developments within the Airport Influence Area shall complete forms required by the City and Scottsdale Airport to comply with the Scottsdale Revised Code, Chapter 5 – Aviation and the Airpark Rules and Regulations; and submit the completed forms with final plans to the assigned city project manager.

Project Name:	Pre-App:
Site Address:	
Contact name:	Phone:

1. HEIGHT ANALYSIS, CH. 5, SEC. 5-354. GENERAL REQUIREMENTS

- Applicants must conduct a height analysis for all projects located within 20,000 feet of Scottsdale Airport.
1. Complete a height analysis for all structures, appurtenances or construction equipment through the FAA at: <https://oeaaa.faa.gov/oeaaa/external/portal/jsp>, click on the Notice Criteria Tool (left side). If you do not exceed criteria, submit this FAA response from the website with your packet or you must complete step 2.

IF required by FAA, complete Step 2

2. Submit an FAA form 7460-1 Notice of Proposed Construction or Alteration for review and determination. Please allow about 45 days for this process. A copy of the FAA's response will be required prior to final plan approval.

2. TAXILANE ACCESS REVIEW, AIRPARK RULES AND REGULATIONS

- Submit a full-size site plan** at a 1"= 20' scale and elevation plan for aviation staff review. The plans must depict the following: **Taxilane centerline, proposed based aircraft (if known), hangar space dimensions, staging area dimensions, vehicle access path and gate.**
- A staging area shall be greater than or equal to the size of the largest hangar on the site per *Definitions section*.
 - Also proposed parcel site must include enough hangar space for each proposed aircraft to fit simultaneously inside. Sec. 310.

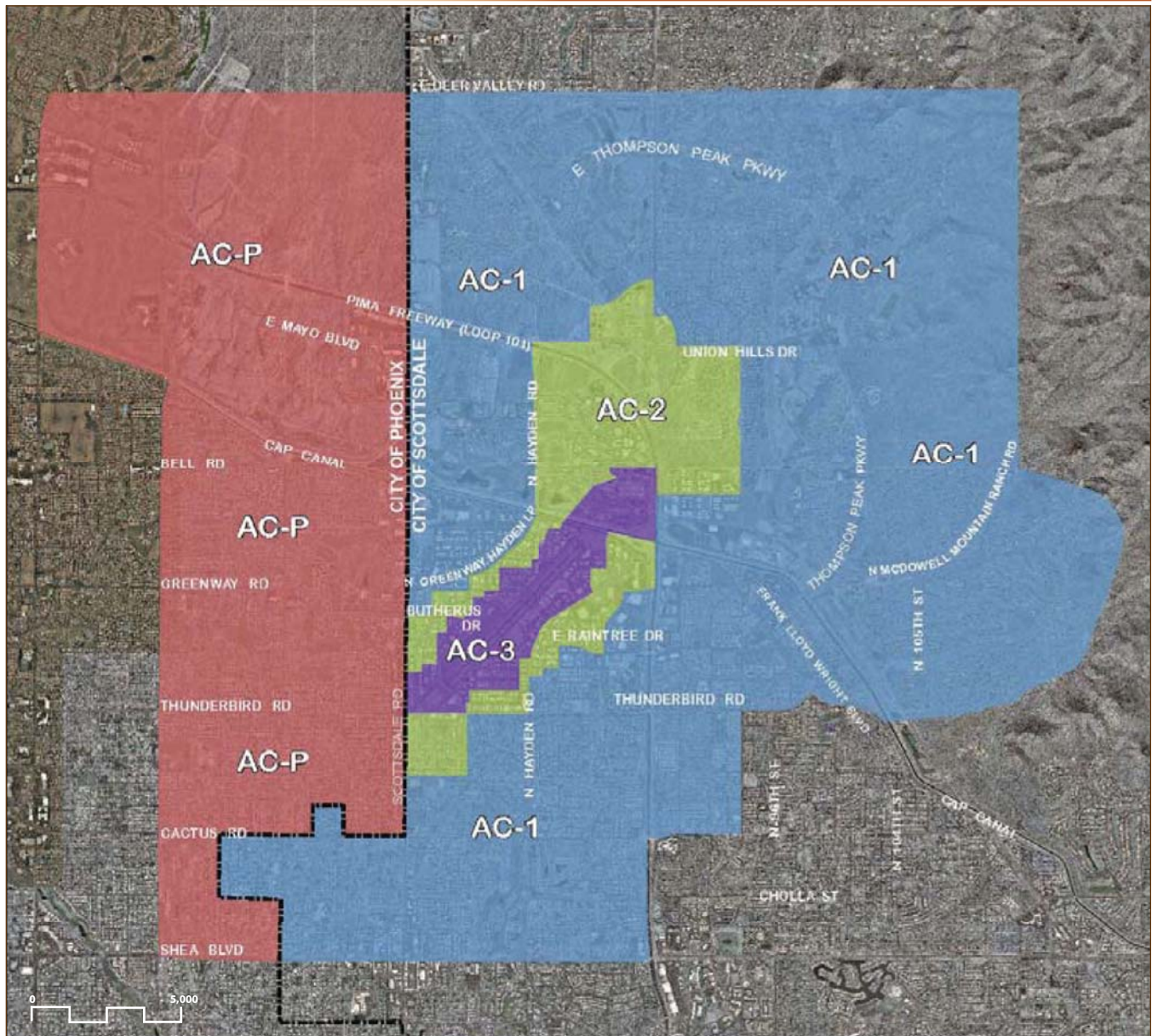
- The taxilane easement safety area must be a weight-bearing surface. Gravel for ground cover is discouraged, and if requested, must be between 2" -3" diameter. *FAA Advisory Circular Airport Design*.
 - The Maximum Recommended Wingspan for aircraft stored in the airpark is 66 feet or less as stated in the *Airpark Rules and Regulations, Sec. 206*
 - Vehicular access to hangar/staging area must not traverse taxilane easement and requires a gate. *Sec. 404*
- Existing or proposed fuel facility.** A fuel storage area must be constructed and maintained in accordance with the regulations in *Sec. 511*.
 - Proposed architectural barriers** (buildings, walls, bollards, etc.) that will separate auto parking area and taxilane easement safety area.
 - Drop-offs, objects** exceeding 3" in height or vegetation in the taxilane safety area (50' from airpark taxilane centerline) are not permitted. *FAA Advisory Circular Airport Design*.
 - Exterior lighting locations.** Lighting must be illuminated downward toward taxilane.
 - Landscape plan.** Slope gradients should not exceed 5%; storm water retention is prohibited.
 - Refuse collection dumpster storage locations.** Locate away from aircraft staging, taxilane access points and airport property fence line.
 - Helicopter landing area** (if applicable). Proposed helicopter operations require approval from both the city and FAA and a conditional use permit. A conditional use permit is required by the City of Scottsdale. The FAA requires completion of an FAA 7480-1 Notice of Landing Area Proposal.

3. AIRCRAFT NOISE AND OVERFLIGHT DISCLOSURE, CH. 5, SEC. 5-356 & SECT. 5-357

- Incorporate the Airport Disclosure for Development around Scottsdale Airport language into the CC&Rs or other procedural documents and provide a copy.
- An avigation easement will need to be granted to the city. If not already recorded for property, submit a notarized Avigation Easement form with packet to your project manager.



SCOTTSDALE AIRPORT MASTER PLAN



LEGEND AND TABLE KEY

----- Municipal Boundary

Airport Influence Areas

- AC-1
- AC-2
- AC-3
- AC-P

NP - Not Permitted

P - Permitted with Use Limitations

(1) - Aviation easement required under Sec. 5-357

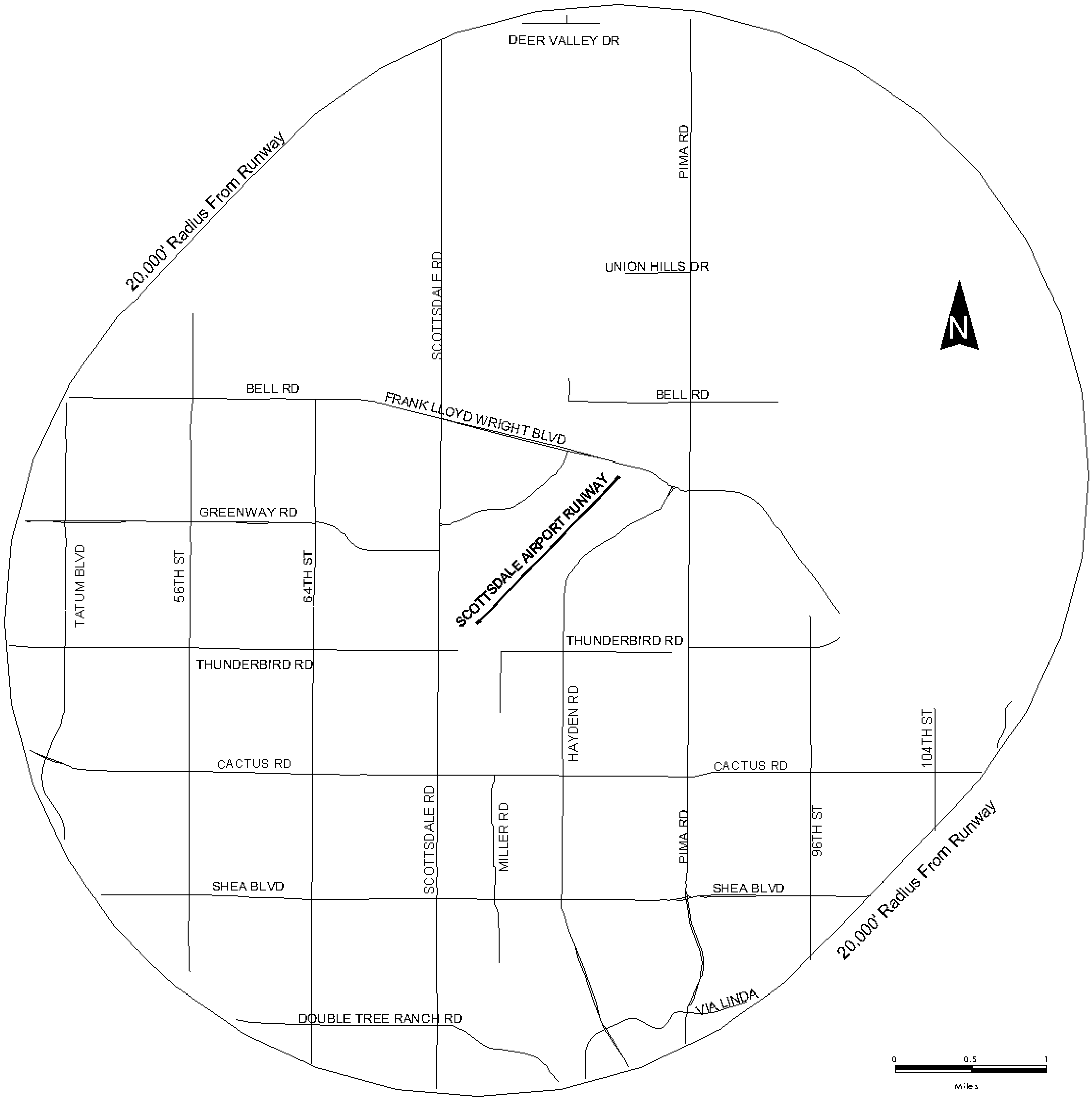
(2) - Noise attenuation required under Sec. 5-358

Noise Sensitive Uses	AC ¹ -3	AC-2	AC-1
Dwelling unit*	NP	P (1) (2)	P (1)
Manufactured home*	NP	P (1) (2)	P (1)
Elementary and secondary school*	NP	P (1) (2)	P (1)
Hospital*	NP	P (1) (2)	P
Travel accommodation*	NP	P (1) (2)	P
Place of worship	NP	P (1) (2)	P (1)
Cultural, civic, and social organization	NP	P (1) (2)	P (1)

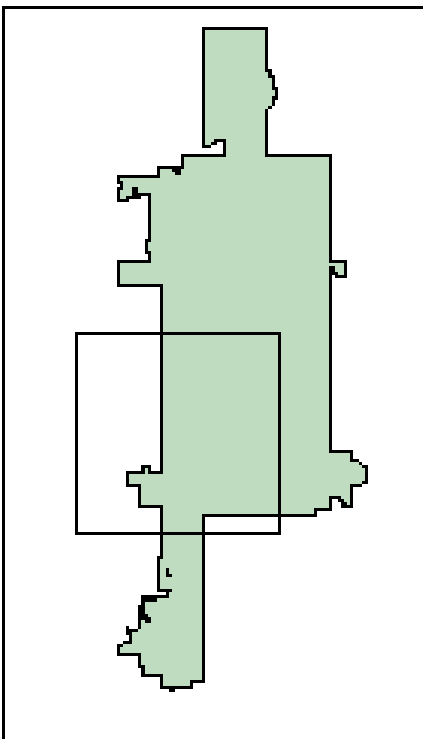
* The terms dwelling unit, manufactured home, elementary and secondary school, hospital and travel accommodation defined in the Basic Zoning Ordinance.

¹ AC - Airport Compatibility District

Scottsdale Airport Vicinity, FAA Notice of Proposed Construction

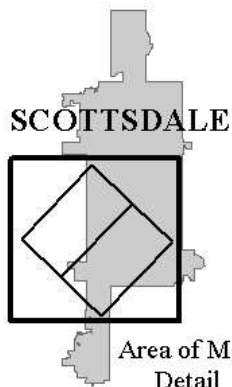
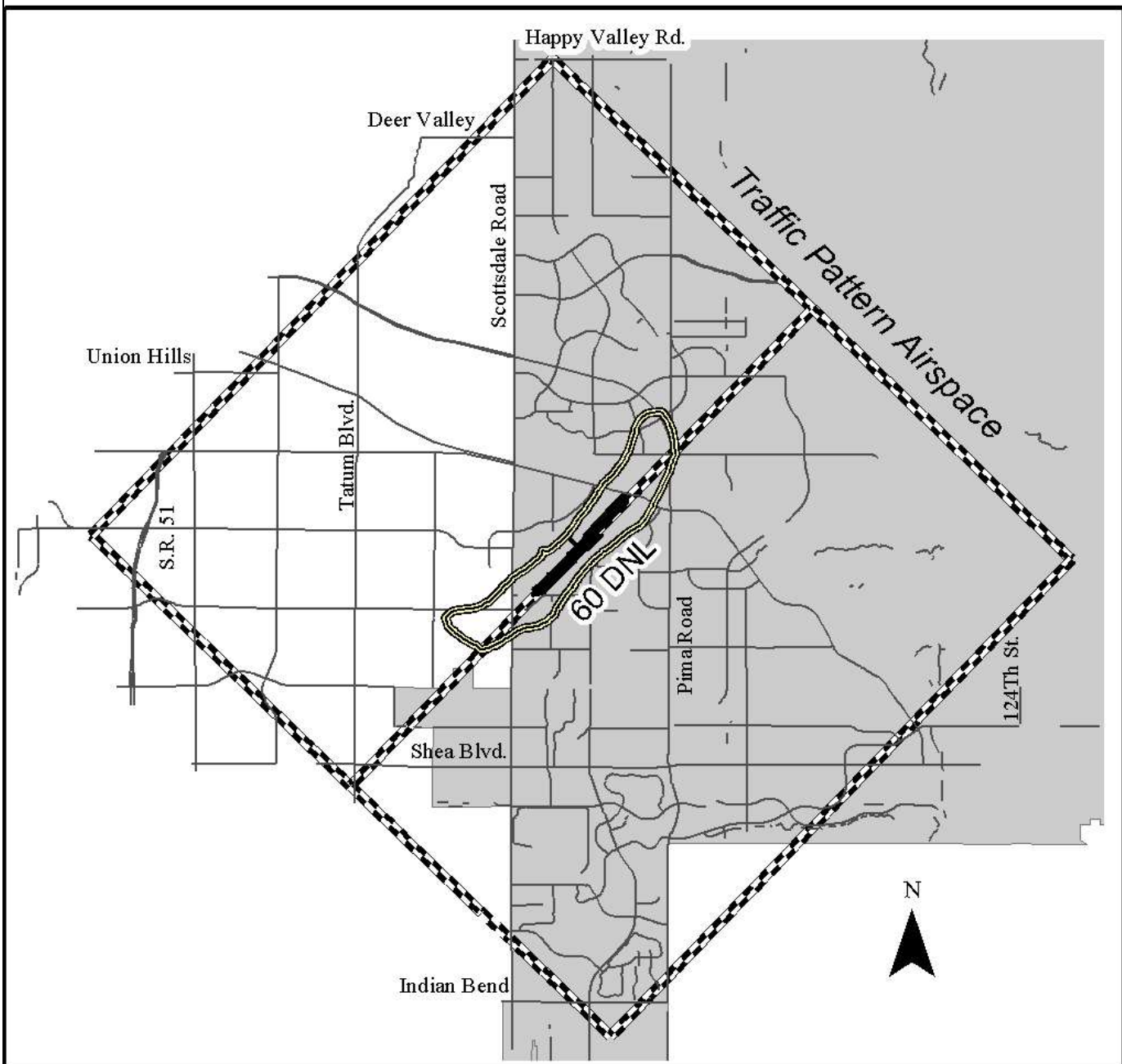


Area Of Detail



INSTRUCTIONS: Proposed temporary cranes or structures which exceed a height of 100:1 slope (100 ft horizontally for 1 foot vertically) from the nearest point of the runway must provide notice to the FAA via a 7460-1 form. Forms are available at the FAA Flight Standards District Office (480 419-0111) or the Scottsdale Airport Administration Office (480 312-2321).

Scottsdale Airport Traffic Pattern Airspace



Map Date: October 18, 2001



Obstruction Evaluation
Version 2022-NOV

Project Submission Success

Project Name: KEY E-000759557-22

faa.gov Tools: Print this page

- Home
- FAA OE/AAA Offices
- View Determined Cases
- View Interim Cases
- View Proposed Cases
- View Supplemental Notices (Form 7460-2)
- View Circularized Cases
- Search Archives
- Download Archives
- Download Correspondence
- Circle Search for Cases
- Circle Search for Airports
- General FAQs
- 5G FAQs
- Wind Turbine FAQs
- Discretionary Review FAQs
- Notice Criteria Tool
- Distance Calculation Tool

Project KEY E-000759557-22 has been submitted successfully to the FAA.

Your filing is assigned Aeronautical Study Number (ASN):

- 2022-AWP-21099-OE**
- 2022-AWP-21100-OE**
- 2022-AWP-21101-OE**
- 2022-AWP-21102-OE**
- 2022-AWP-21103-OE**
- 2022-AWP-21104-OE**
- 2022-AWP-21105-OE**
- 2022-AWP-21106-OE**
- 2022-AWP-21107-OE**
- 2022-AWP-21108-OE**
- 2022-AWP-21109-OE**

Please refer to the assigned ASN on all future inquiries regarding this filing.

Please return to the system at a later date for status updates.

It is the responsibility of each e-filer to exercise due diligence to determine if coordination of the proposed construction or alteration is necessary with their state aviation department. Please use the link below to contact your state aviation department to determine their requirements:

[State Aviation Contacts](#)

To ensure e-mail notifications are delivered to your inbox please add noreply@faa.gov to your address book. Notifications sent from this address are system generated FAA e-mails and replies to this address will NOT be read or forwarded for review. Each system generated e-mail will contain specific FAA contact information in the text of the message.

[Return to Portal](#)

OE/AAA Account

- Portal Page
- My Cases (Off Airport)
- My Cases (On Airport)
- My Sponsors
- My Circ Comments
- Add New Case (Off Airport)
- Add New Case (On Airport)
- Add Supplemental Notice (7460-2 Form)
- Add Multiple Cases (Off Airport)
- My Case Transfer History
- My Landing Area Proposals (LAP)
- Update User Account
- What's New
- Instructions
- Change Password
- Logout



Mail Processing Center
 Federal Aviation Administration
 Southwest Regional Office
 Obstruction Evaluation Group
 10101 Hillwood Parkway
 Fort Worth, TX 76177

Aeronautical Study No.
 2022-AWP-21097-OE

Issued Date: 12/05/2022

Jason Crandall
 Key Essentials LLC
 1594 Regatta Dr.
 Fernandina Beach, FL 32034

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure: Commercial Use Building Key Essentials hangar heliport
 Location: Scottsdale, AZ
 Latitude: 33-37-55.25N NAD 83
 Longitude: 111-54-15.96W
 Heights: 1511 feet site elevation (SE)
 40 feet above ground level (AGL)
 1551 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed in accordance with FAA Advisory circular 70/7460-1 M.

This determination expires on 06/05/2024 unless:

- (a) the construction is started (not necessarily completed) and FAA Form 7460-2, Notice of Actual Construction or Alteration, is received by this office.
- (b) extended, revised, or terminated by the issuing office.
- (c) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights, and frequencies or use of greater power, except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best Practices, effective 21 Nov 2007, will void this determination. Any future construction or alteration, including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA. This determination includes all previously filed frequencies and power for this structure.

If construction or alteration is dismantled or destroyed, you must submit notice to the FAA within 5 days after the construction or alteration is dismantled or destroyed.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

If we can be of further assistance, please contact our office at (206) 231-2990, or paul.holmquist@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2022-AWP-21097-OE.

Signature Control No: 561893306-563804112

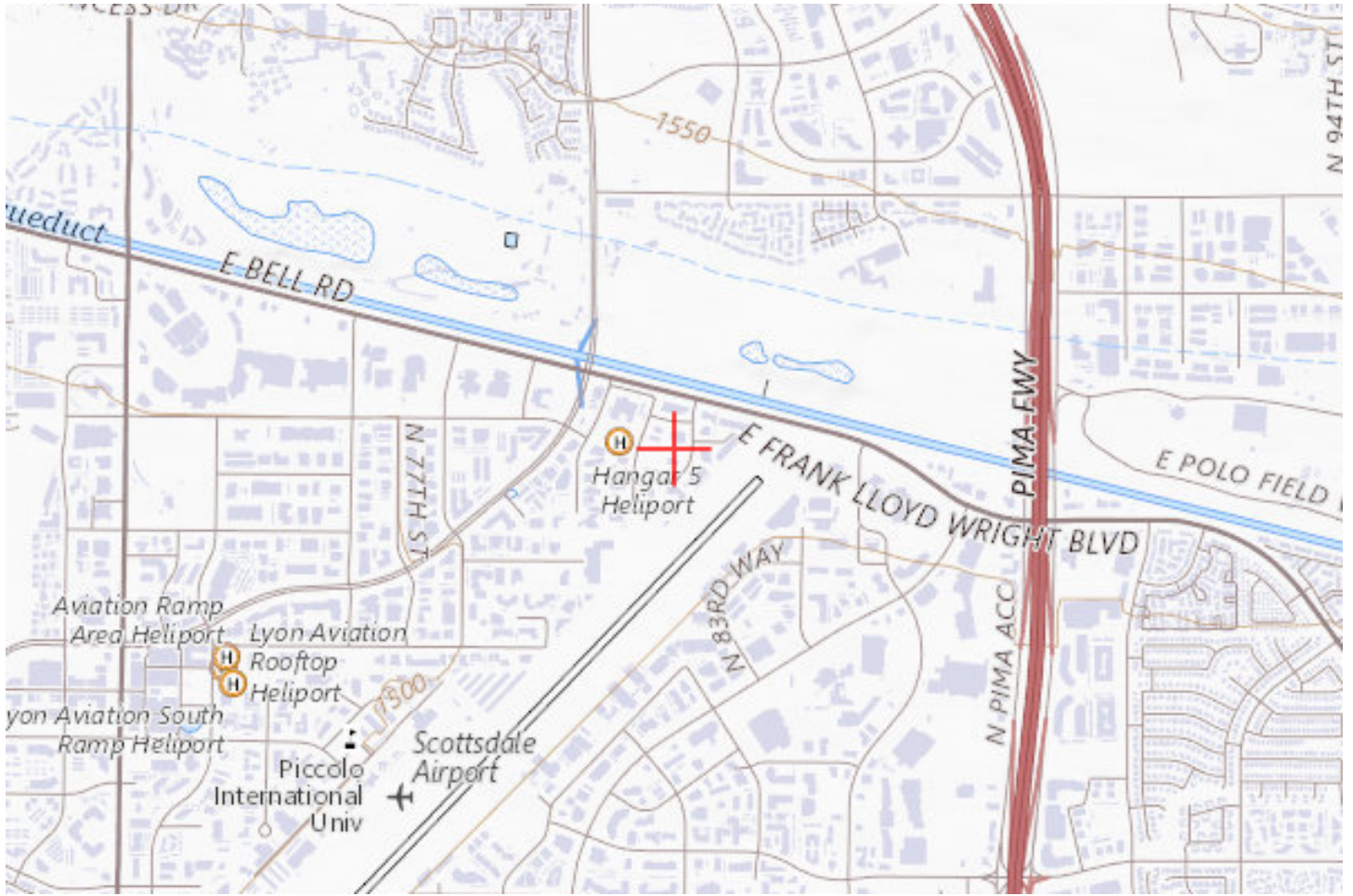
Paul Holmquist
Specialist

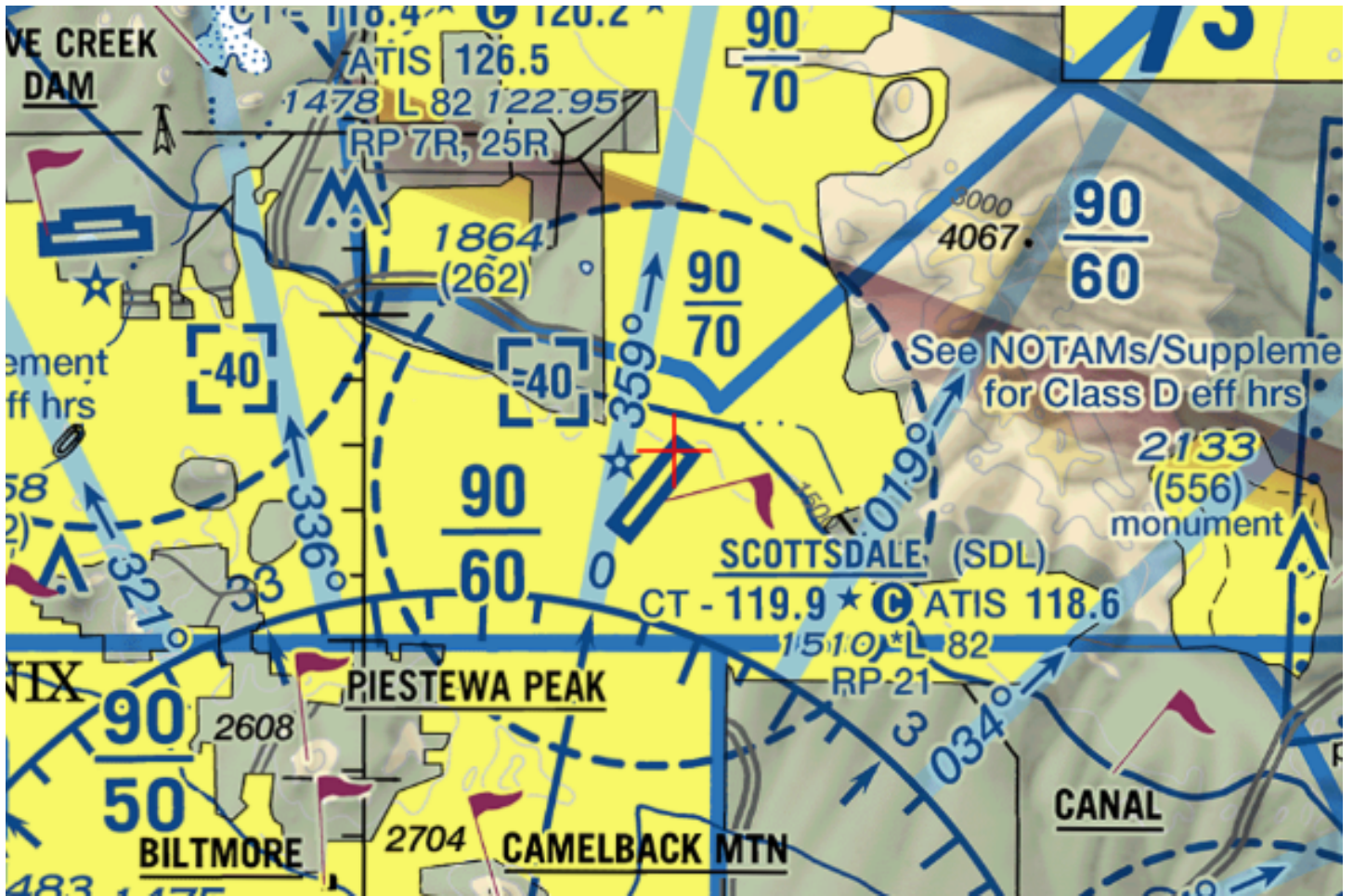
(DNE)

Attachment(s)

Map(s)

TOPO Map for ASN 2022-AWP-21097-OE





Paperwork Reduction Act Burden Statement

A federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a currently valid OMB Control Number. The OMB Control Number for this information collection is 2120-0036. Public reporting for this collection of information is estimated to be approximately 60 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, completing and reviewing the collection of information. All responses to this collection of information are required if the proponent wishes to have the airport on file with the FAA, as required by Title 14 Code of Federal Regulations Part 157, and entered into the National Airspace System. No assurances of confidentiality are given. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to: Information Collection Clearance Officer, Federal Aviation Administration, 10101 Hillwood Parkway, Fort Worth, TX 76177-1524.

NOTICE FOR CONSTRUCTION, ALTERATION AND DEACTIVATION OF AIRPORTS				
A. Airport Owner <input type="checkbox"/> Check if this is also the Property Owner		B. Airport Manager (Complete if different than the Airport Owner)		
1. Name and Address Key Essentials LLC 16060 N82nd St		1. Name and Address <input type="checkbox"/> Check if this is the Airport's Physical Address Jason Crandall 16060 N 82nd St		
2. Phone 4045588349		2. Phone 4045588349		
3. Email Jasoncrandall96@gmail.com		3. Email Jasoncrandall96@gmail.com		
C. Purpose of Notification (Answer all questions that apply)		D. Name, Location, Use and Type of Landing Area		
1. Construct or Establish an: <input checked="" type="checkbox"/> # Airport		1. Name of Landing Area		
Physical Address		2. LocID (for existing)		
1. Name and Address Jason Crandall 16060 North. 82nd St		Key Essentials H1 0653		
2. Phone 4045588349		3. Associated City and State Scottsdale AZ		
3. Email Jasoncrandall96@gmail.com		4. Distance from City 1		
		5. County (Physical Location) 13		
		6. Direction from City N		
		7. Latitude 33°37'54.01"		
		8. Longitude 111°54'16.06"		
		9. Elevation 1510.0		
		10. Current Use: PR		
		11. Ownership: PR		
		12. Airport Type: <input checked="" type="checkbox"/> Heliport		
E. Landing Area Data (List any Proposed, New or Unregistered Runways, Helipads etc.)				
1. Airport, Seaplane Base or Ultralight Flightpark (use second page if needed)		2. Heliport, Balloonport or other Landing Area (use second page if needed)		
		Helipad ID H1		
		Lat. / Long. 33° 37' 54.01 " / 111° 54' 16.06 "		
		Surface Type CONC		
		TLOF Dimensions Length: 50.0 Width: 50.0		
		FATO Dimensions Length: 50.0 Width: 50.0		
		Lighting (if any) ALSAF		
		Ingress or Egress (Degrees) 2.0		
		Elevation (AMSL) 1510.0		
		Elevated Height (AGL) 0.0		
F. Operational Data (Indicate if the number provided is Actual or Estimated)				
1. Number of Based Aircraft		2. Average Number of Monthly Landings		
Present or Estimated		Present or Estimated		
Estimated in 5 Years		Estimated in 5 Years		
Single Engine	1	5	5	
Multi Engine	5	5	5	
Jet	5	5	5	
Helicopter	2	5	5	
Glider	0	0	0	
Military	0	0	0	
Ultralight	0	0	0	
3. What is the Most Demanding Aircraft that operates or will operate at the Airport? (Provide approach speed, rotor diameter, etc. if known)				
CJ4				
4. Are IFR Procedures for the Airport Anticipated? if Yes, Within Years: YES2023-03-28				
G. CERTIFICATION: I hereby certify that all of the above statements made by me are true and complete to the best of my knowledge.				
1. Name, title of person filing this notice (type or print)		2. Signature (in ink):		
		3. Date 4. Phone 5. Email		