



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

Aeronautical Study No.  
2023-ASW-12946-OE

Issued Date: 12/20/2023

Curtis Casey  
PORT AUTHORITY OF SAN ANTONIO  
907 BILLY MITCHELL BOULEVARD  
San Antonio, TX 78226

**\*\* 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:	Building Office Building C1
Location:	San Antonio, TX
Latitude:	29-23-03.00N NAD 83
Longitude:	98-33-34.40W
Heights:	682 feet site elevation (SE) 230 feet above ground level (AGL) 912 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure would have no substantial adverse effect on the safe and efficient utilization of the navigable airspace by aircraft or on the operation of air navigation facilities. Therefore, pursuant to the authority delegated to me, it is hereby determined that the structure would not be a hazard to air navigation provided the following condition(s) is(are) met:

As a condition to this Determination, the structure is to be marked/lighted in accordance with FAA Advisory circular 70/7460-1 M, Obstruction Marking and Lighting, red lights-Chapters 4,5(Red),&15.

Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (877) 487-6867 so a Notice to Air Missions (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

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)  
\_\_\_X\_\_\_ Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

See attachment for additional condition(s) or information.

This determination expires on 06/20/2025 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 subject to review if an interested party files a petition that is received by the FAA on or before January 19, 2024. In the event an interested party files a petition for review, it must contain a full statement of the basis upon which the petition is made. Petitions can be submitted to the Manager, Rules and Regulations Group via email at [OEPetitions@faa.gov](mailto:OEPetitions@faa.gov), or via mail to Federal Aviation Administration, Air Traffic Organization, Rules and Regulations Group, Room 425, 800 Independence Ave, SW., Washington, DC 20591. FAA encourages the use of email to ensure timely processing.

This determination becomes final on January 29, 2024 unless a petition is timely filed. In which case, this determination will not become final pending disposition of the petition. Interested parties will be notified of the grant of any review. Any questions regarding your petition, contact Rules and Regulations Group via telephone (202) 267-8783.

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, 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.

This aeronautical study considered and analyzed the impact on existing and proposed arrival, departure, and en route procedures for aircraft operating under both visual flight rules and instrument flight rules; the impact on all existing and planned public-use airports, military airports and aeronautical facilities; and the cumulative impact resulting from the studied structure when combined with the impact of other existing or proposed

structures. The study disclosed that the described structure would have no substantial adverse effect on air navigation.

An account of the study findings, aeronautical objections received by the FAA during the study (if any), and the basis for the FAA's decision in this matter can be found on the following page(s).

If we can be of further assistance, please contact Andrew Hollie, at (817) 222-5933, or [andrew.hollie@faa.gov](mailto:andrew.hollie@faa.gov). On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2023-ASW-12946-OE.

**Signature Control No: 597169018-607684054**

( DNH )

David Maddox

Manager, Obstruction Evaluation Group

Attachment(s)

Additional Information

Case Description

Map(s)

Abbreviations

AGL = Above Ground Level

MSL = Mean Sea Level

NM = Nautical Mile

RWY = Runway

TPA = Traffic Pattern Airspace

Part 77 = Title 14 CFR Part 77, Safe, Efficient Use and Preservation of the Navigable Airspace

Our study has disclosed that this proposed building project, consisting of four studies, located approximately 1.11 nm east of the airport reference point, is within the protected surfaces at Kelly Field Airport (SKF), San Antonio, TX.

Aeronautical Study AGL / MSL Direct distance from runway end 34

2023-ASW-12946-OE 230 / 912 6180 feet / 1.01 nm

2023-ASW-13615-OE 230 / 912 6417 feet / 1.05 nm

2023-ASW-13618-OE 230 / 912 6264 feet / 1.03 nm

2023-ASW-13619-OE 230 / 912 6021 feet / .99 nm

Aeronautical Study Number 2023-ASW-13619-OE is being circulated for public comment and is representative of the entire project. Any comment received for this study will be a comment for the rest of the project.

At the proposed height, this structure will penetrate these protected airport surfaces:

> 77.17 (a)(2) A height that is 200 feet AGL, or above the established airport elevation, whichever is higher, within 3 nautical miles of the established reference point of an airport with its longest runway more than 3,200 feet in actual length, and that height increases in the proportion of 100 feet for each additional nautical mile from the airport up to a maximum of 499 feet.

2023-ASW-12946-OE exceeds by 22 feet.

2023-ASW-13615-OE exceeds by 22 feet.

2023-ASW-13618-OE exceeds by 22 feet.

2023-ASW-13619-OE exceeds by 22 feet.

> 77.17 (a)(5) The surface of a takeoff and landing area of an airport or any imaginary surface established under 77.19, 77.21, or 77.23.

77.19 (a) Horizontal surface. A horizontal plane 150 feet above the established airport elevation.

2023-ASW-12946-OE exceeds by 72 feet.

2023-ASW-13615-OE exceeds by 72 feet.

2023-ASW-13618-OE exceeds by 72 feet.

2023-ASW-13619-OE exceeds by 72 feet.

> The proposed structure would lie within the TPA Horizontal Surface Area by:

2023-ASW-12946-OE exceeds by 72 feet.

2023-ASW-13615-OE exceeds by 72 feet.

2023-ASW-13618-OE exceeds by 72 feet.

2023-ASW-13619-OE exceeds by 72 feet.

**\*\*Part 77** obstruction standards are used to screen the many proposals submitted in order to identify those which warrant further aeronautical study. This study is conducted in order to determine if the proposal would have a significant adverse effect on protected aeronautical operations and airspace. While part 77 obstruction standards trigger formal aeronautical study, including public circularization, these obstruction standards do not constitute absolute or arbitrary criteria for identification of hazards to air navigation. Accordingly, the fact that a proposed structure exceeds certain obstruction standards of part 77 is in itself not sufficient grounds for issuance of a determination of hazard to air navigation.

The proposal was circularized for public comment to 5805 email responders on 11/08/2023, with zero responses returned.

#### AERONAUTICAL STUDY FOR POSSIBLE INSTRUMENT FLIGHT RULES (IFR) EFFECT DISCLOSED THE FOLLOWING:

- > The proposed structure would have no effect on any existing or proposed IFR arrival/departure routes, operations, or procedures.
- > The proposed structure would have no effect on any existing or proposed IFR en route routes, operations, or procedures.
- > The proposed structure would have no effect on any existing or proposed IFR minimum flight altitudes.

#### AERONAUTICAL STUDY FOR POSSIBLE VISUAL FLIGHT RULES (VFR) EFFECT DISCLOSED THE FOLLOWING:

- > The proposed structure would have no effect on any existing or proposed VFR arrival or departure routes, operations or procedures.
- > The proposed structure would not conflict with airspace required to conduct normal VFR traffic pattern operations at any known public use or military airports.
- > The proposed structure would not penetrate those altitudes normally considered available to airmen for VFR en route flight.
- > While the structure would be located within the airport traffic pattern area lateral boundaries, it would be located well below the traffic pattern altitude at a point in the pattern where arriving aircraft would be required to maintain traffic pattern altitude. Therefore, it would not conflict with airspace required to conduct normal VFR traffic pattern operations at any other known public use or military airports.

The cumulative impact of the proposed structure is not considered significant. Study did not disclose any adverse effect on existing or proposed public-use or military airports or navigational facilities. Nor would the proposal affect the capacity of any known existing or planned public-use or military airport.

Therefore, it is determined that the proposed construction would not have a substantial adverse effect on the safe and efficient utilization of the navigable airspace by aircraft or on any air navigation facility and would not be a hazard to air navigation.

## Case Description for ASN 2023-ASW-12946-OE

Proposed office building sweeps to high point of 205' AGL. 11 occupied floors plus mech. penthouse. At mid-height, 80' - 120' AGL, turning shape expands most: w/ E-W axis of building 275' long & N-S axis 215' long.





