

NOTICE OF NOTAM PUBLICATION

To: PHX NOTAM NOTIFICATION GROUP DISTRIBUTION

Date: 03/05/2025

From: DAGOBERTO HINOJOS
Aviation Supervisor II-Operations, (602) 273-2008

Subject: **PHX NOTAM #100-2025**

FAA NAS NOTAM # 03/016

OBSTRUCTION – 177' CRANE

USE CAUTION FOR A FLAGGED AND LIGHTED CRANE 177' AGL, 1,267' MSL AND LOCATED 5,000 FEET SOUTHWEST OF THE RUNWAY 7R THRESHOLD.

**EFFECTIVE: FIRDAY, MARCH 07, 2025 FROM 0600 (L) UNTIL
MONDAY, MARCH 31, 2025 AT 1659 (L).**

**CRANE
COORDINATES:
33-25-36.61N
112-02-36.13W**



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DAGOBERTO HINOJOS
Aviation Supervisor II- Operations

Suntec- Christian Morales (602 739 0832)

2025-AWP-911-OE

(5,000' SW RWY 7R & .82NM SW RWY 7R)

PHX NOTAMS IN EFFECT: # 001-2025, 002-2025, 003-2025, 004-2025, 005-2025, 006-2025, 016-2025, 017-2025, 018-2025, 019-2025, 020-2024, 021-2025, 080-2025, 097-2025, 098-2025, 099-2025 AND 100-2025.

TO VIEW ALL CURRENT NOTAMS FOR PHX PLEASE VISIT: <http://notams.aim.faa.gov/notamSearch/> (USE LOCATION SEARCH WINDOW AND TYPE IN PHX)

PHX USE ONLY:

REVIEWED BY: *[Signature]*

CANCELLED ON: DATE:

TIME:

FSS Operator Initials: _____



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

Aeronautical Study No.
 2025-AWP-911-OE

Issued Date: 03/03/2025

Suntec
 Suntec Concrete
 23751 N 23rd Ave, Suite 175
 Phoenix, AZ 85085

*Suntec
 Christopher Moniz
 602 739 0832*

****DETERMINATION OF NO HAZARD TO AIR NAVIGATION FOR TEMPORARY STRUCTURE****

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: Mobile Crane CED Expansion_ Crane
 Location: Phoenix, AZ
 Latitude: 33-25-36.61N NAD 83
 Longitude: 112-02-36.13W
 Heights: 1090 feet site elevation (SE)
 177 feet above ground level (AGL)
 1267 feet above mean sea level (AMSL)

*FAA 3/7 @ 0600 - MDT 3/31 @ 1600
 5,000' SW Rwy 7R
 .82NM SW Rwy 7R*

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

****SEE ATTACHMENT FOR ADDITIONAL CONDITION(S) OR INFORMATION****

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.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of a 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 did not include an evaluation of the permanent structure associated with the use of this temporary structure. If the permanent structure will exceed Title 14 of the Code of Federal Regulations, part 77.9, a separate aeronautical study and FAA determination is required.

This determination concerns the effect of this temporary 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.

A copy of this determination will be forwarded to the Federal Aviation Administration Flight Procedures Office if the structure is subject to the issuance of a Notice to Airmen (NOTAM).

If you have any questions, 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 2025-AWP-911-OE

Signature Control No: 645946785-649117959

Paul Holmquist
Specialist

(TMP)

Additional Condition(s) or Information for ASN 2025-AWP-911-OE

Proposal: To construct and/or operate a(n) Mobile Crane to a height of 177 feet above ground level, 1267 feet above mean sea level.

Location: The structure will be located 1.66 nautical miles west of PHX Airport reference point.

Part 77 Obstruction Standard(s) Exceeded and Aeronautical Impacts, if any:

Section 77.17 (a) (3) by 49 feet - a height that increases a minimum instrument flight altitude within a terminal area (TERPS Criteria). The proposal would necessitate at PHOENIX SKY HARBOR INTL (PHX) PHOENIX, AZ. Obstacle penetrates RWY 25L 40:1 departure surface 32 feet, requiring TAKE-OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURE, AMDT 6, RWY 25L, 300-1 or STD with minimum climb gradient of 350 feet per NM to 1400, W/2C, 300-1 or STD with minimum climb gradient of 252 feet per NM to 1400. /// Obstacle penetrates RWY 25R 40:1 departure surface 33 feet, requiring TAKE-OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURE, AMDT 6, RWY 25R, 300-1 or STD with minimum climb gradient of 352 feet per NM to 1400, W/2C, 300-1 or STD with minimum climb gradient of 254 feet per NM to 1400, BALDY THREE, BUCKEYE FOUR, CHILLY FOUR, MOBIE FOUR, ST JOHNS NINE, STANFIELD FOUR, DEPARTURES, RWY 25R, STD with a minimum climb gradient increase of 350 to 352 feet per NM to 8000, NEH 1227, W/2C, No IFR Effect. /// ILS or LOC RWY 7L, AMDT 11B, increase S-LOC 7L MDA from 1460 to 1560, NEH 1218 AMSL, W/2C, 1460 to 1480, NEH 1256 AMSL. /// ILS or LOC RWY 7R, AMDT 2D, increase S-LOC 7R MDA from 1520 to 1580, NEH 1220 AMSL, W/2C, No IFR Effect.

Section 77.17 (a) (5) a height that affects an Airport Surface by penetrating:

Section 77.19 (d) Approach Surface by 61 feet as applied to PHX.

Section 77.19 (e) Transitional Surface by 16 feet as applied to PHX.

You must request a Notice to Air Missions (NOTAM) via website <https://ocaaa.faa.gov> at least three business days prior to the operation of this crane. You must also submit a cancel request when the crane work is complete, same directions. Please refer to this link for NOTAM filing directions: https://ocaaa.faa.gov/ocaaa/downloads/external/content/deskReferenceGuides/NOTAM%20Efile%20-%20Desk%20Reference%20Guide%20V_2018.2.0.pdf

Preliminary FAA study indicates that the above mentioned structure would:

have no effect on any existing or proposed arrival, departure, or en route instrument/visual flight rules (IFR/VFR) minimum flight altitudes.

not exceed traffic pattern airspace

have no physical or electromagnetic effect on the operation of air navigation and communications facilities.

have no effect on any airspace and routes used by the military.

Based on this aeronautical study, the structure would not constitute a substantial adverse effect on aeronautical operations or procedures because it will be temporary. The temporary structure would not be considered a hazard to air navigation provided all of the conditions specified in this determination are strictly met.

As a condition to this Determination, the structure is to be marked/lighted in accordance with FAA Advisory circular 70/7460-1 M Change 1, Obstruction Marking and Lighting, flags/red lights-Chapters 3(Marked),4,5(Red),14(Temporary),&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 Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

It is required that the FAA be notified 3 business days prior to the temporary structure being erected and again when the structure is removed from the site. Notification should be made to this office through your registered e-filing account. Notification is necessary so that aeronautical procedures can be temporarily modified to accommodate the structure.

NOTIFICATION IS REQUIRED AGAIN THROUGH YOUR REGISTERED E-FILING ACCOUNT WHEN THE TEMPORARY STRUCTURE IS REMOVED FROM THE SITE FOR NOTICE TO AIRMEN (NOTAM) CANCELLATION.

It is required that the manager of Phoenix Sky Harbor International Airport construction coordination office, at (602) 768-3996 be notified at least 3 business days prior to the temporary structure being erected and again when the structure is removed from the site.

It is required that the manager of Phoenix ATCT/TRACON at 602-306-2569 or 602-306-2514 be notified at least 3 business days prior to the temporary structure being erected and again when the structure is removed from the site. Additionally, please provide contact information for the onsite operator in the event that Air Traffic Control requires the temporary structure to be lowered immediately.

This determination expires on 09/03/2026 unless extended, revised, or terminated by the issuing office.

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.

TOPO Map for ASN 2025-AWP-911-OE





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

Aeronautical Study No.
2025-AWP-911-OE
03/03/2025 04:53 PM

DURATION: TEMPORARY
DESCRIPTION: ERECTION OF TILT UP CONCRETE PANELS USING A CRAWLER CRANE. BUILDING IS NOT REQUIRED TO HAVE AN ASN. NOTICE OF PROPOSED CONSTRUCTION OR ALTERATION INDICATES THEY ARE EXEMPT FROM FILING DUE TO SECTION 77.9 (e1).
START DATE: 03/07/2025
COMPLETION DATE: 03/31/2025
ESTIMATED
NUMBER OF DAYS: 25
TIME OF ARRIVAL: 6:00am Mountain (UTC -7:00)
ACCURACY:
LATITUDE: 33-25-36.61N
LONGITUDE: 112-02-36.13W
CITY: Phoenix STATE:AZ
LOCATION: 4439 FEET FROM RWY PHX-07L (DIRECT DISTANCE)
HEIGHT: 177 AGL
1267 AMSL
OIT RESPONSE: At 1267 AMSL, 4D, PHOENIX SKY HARBOR INTL (PHX) PHOENIX, AZ. Obstacle penetrates RWY 25L 40:1 departure surface 32 feet, requiring TAKE-OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURE, AMDT 6, RWY 25L, 300-1 or STD with minimum climb gradient of 350 feet per NM to 1400, W/2C, 300-1 or STD with minimum climb gradient of 252 feet per NM to 1400. /// Obstacle penetrates RWY 25R 40:1 departure surface 33 feet, requiring TAKE-OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURE, AMDT 6, RWY 25R, 300-1 or STD with minimum climb gradient of 352 feet per NM to 1400, W/2C, 300-1 or STD with minimum climb gradient of 254 feet per NM to 1400, BALDY THREE, BUCKEYE

FOUR, CHILLY FOUR, MOBIE FOUR, ST JOHNS
NINE, STANFIELD FOUR, DEPARTURES, RWY 25R,
STD with a minimum climb gradient increase of 350 to 352
feet per NM to 8000, NEH 1227, W/2C, No IFR Effect. ///
ILS or LOC RWY 7L, AMDT 11B, increase S-LOC 7L
MDA from 1460 to 1560, NEH 1218 AMSL, W/2C, 1460
to 1480, NEH 1256 AMSL. /// ILS or LOC RWY 7R,
AMDT 2D, increase S-LOC 7R MDA from 1520 to 1580,
NEH 1220 AMSL, W/2C, No IFR Effect. /// RNAV (GPS)
Y RWY 7R AMDT 1C, obstacle penetrates 34:1 Visual
Area Surface 16 feet, however, visibilities are 3/4 SM or
greater, No IFR Effect.

AT-OEG MITIGATION:
ONSITE CONTACT:

Julio Garcia (602) 531 - 2976

COMMENTS: