



Mail Processing Center  
Federal Aviation Administration  
Southwest Regional Office  
Obstruction Evaluation Group  
2601 Meacham Boulevard  
Fort Worth, TX 76193

Aeronautical Study No.  
2015-ASW-1894-OE

Issued Date: 06/16/2015

Paul Weber  
Hunt Construction Group, Inc.  
123 1/2 Red River St.  
Austin, TX 78701

**\*\*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:	Crane Tower Crane #2
Location:	Austin, TX
Latitude:	30-15-43.50N NAD 83
Longitude:	97-44-16.19W
Heights:	460 feet site elevation (SE) 580 feet above ground level (AGL) 1040 feet above mean sea level (AMSL)

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

As a condition to this Determination, the structure is marked/lighted in accordance with FAA Advisory circular 70/7460-1 K Change 2, Obstruction Marking and Lighting, flags/red lights - Chapters 3(Marked),4,5(Red),&12.

See attachment for additional condition(s) or information.

It is required that the FAA be notified at least 5 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 during our core business hours (Monday through Friday, 9:00 a.m. to 3:00 p.m.) via telephone at (SEE PAGE 3). Notification is necessary so that aeronautical procedures can be temporarily modified to accommodate the structure. Voicemail messages are not acceptable notice.

**NOTIFICATION IS REQUIRED AGAIN VIA TELEPHONE AT (SEE PAGE 3) WHEN THE TEMPORARY STRUCTURE IS REMOVED FROM THE SITE FOR NOTICE TO AIRMAN (NOTAM) CANCELLATION.**

It is required that the manager of AUSTIN-BERGSTROM INTL, (512) 530-2242 be notified at least 5 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 (SEE PAGE 3) be notified at least 5 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.

Any height exceeding 580 feet above ground level (1040 feet above mean sea level), will result in a substantial adverse effect and would warrant a Determination of Hazard to Air Navigation.

This determination expires on 12/16/2016 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.**

This determination is based, in part, on the foregoing description which includes specific coordinates and heights. Any changes in coordinates and/or heights will void this determination. Any future construction or alteration, including increase to heights, requires separate notice to the FAA.

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 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.

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.

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 Airman (NOTAM).

If you have any questions, please contact our office at (817) 321-7754. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2015-ASW-1894-OE

**Signature Control No: 245787782-255243782**

( TMP )

Andrew Hollie  
Specialist

Attachment(s)  
Additional Information  
Map(s)

## **Additional information for ASN 2015-ASW-1894-OE**

The site will be located approximately 4.25 NM northwest of RWY 17R at Austin-Bergstrom INTL (AUS), TX.

SIAP = Standard Instrument Approach Procedure

RWY = Runway

NM = Nautical Mile

AMSL= Above Mean Sea Level

NEH = No Effect height

AGL = Above Ground Level

CAT = Category

MDA = Minimum Decent Altitude

### **Conditions for Operating Temporary Equipment**

#### **1. ABSOLUTELY REQUIRED**

> Notify the FAA at least 5 days prior to the erection of the temporary equipment so modifications to the SIAP can be made to accommodate the temporary equipment.

> Notify the FAA when the project is complete and the temporary equipment has been removed from the site, allowing the modified SIAP to return to normal operations.

#### **2. METHODS OF NOTIFICATION - Monday thru Friday, 7:30 a.m. to 3 p.m. CST**

> Preferred Method - Email Notification to ALL of the following:

> Texas E-mail Addresses

(1) doug.ctr.felix@faa.gov

(2) alice.yett@faa.gov

(3) andrew.hollie@faa.gov

> Texas Telephone - VOICEMAIL IS NOT ACCEPTABLE

(1) Doug Felix (817) 321-7750

(2) Alice Yett (817) 321-7752

(3) Andrew Hollie (817) 321-7754

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For well sites, please provide the FAA, the airport manager, and the air traffic control tower manager with the aeronautical study number and not with the name of the well site.

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#### **3. AIR TRAFFIC FIELD FACILITY NOTIFICATION**

> Notify the Austin-Bergstrom INTL airport manager, or the airport manager's representative, at 512-530-2242 at least 5 days prior to raising the temporary equipment and when the project is complete and the temporary equipment is removed from the site.

> Notify the Austin-Bergstrom INTL air traffic control manager, or their representative, at 512-369-7801 at least 5 days prior to raising the temporary equipment and when the project is complete and the temporary equipment is removed from the site.

#### 4. EXPIRATION DATE

> This determination will be valid until 12-16-2016. During the effective dates of the determination, it is acceptable to return to the site without submitting a new FAA Form 7460-1, Notice of Proposed Construction or Alteration, provided:

> The temporary equipment does not exceed a maximum height of 580 feet AGL. If the equipment returning to the site exceeds the above maximum height AGL, you are required to file a new FAA Form 7460-1, Notice of Proposed Construction or Alteration.

> Conditions #1 through # 3 above are met.

#### 5. MARKING/LIGHTING REQUIREMENTS

> The temporary equipment shall be obstruction flagged AND lighted in accordance with FAA Advisory Circular 70/7460-1, "Obstruction Marking and Lighting". This document is available on the Internet at: <http://oeaaa.faa.gov>

#### 6. IMPACT ON FOLLOWING SIAP(s) @ Austin-Bergstrom INTL (AUS), TX.

> Increase CAT E circling MDA, all procedures, from 1240 to 1400, NEH 938 AMSL.







