



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

Aeronautical Study No.
2016-ASW-7112-OE

Issued Date: 08/15/2016

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****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 The Union - Tower Crane #3
Location:	Dallas, TX
Latitude:	32-47-22.90N NAD 83
Longitude:	96-48-20.80W
Heights:	434 feet site elevation (SE) 475 feet above ground level (AGL) 909 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 L, 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 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.

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.

This determination expires on 02/15/2018 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) 222-5933. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2016-ASW-7112-OE

Signature Control No: 299698644-301784201

(TMP)

Andrew Hollie
Specialist

Attachment(s)
Additional Information
Map(s)

The site will be located approximately 3.28 nm southeast of Dallas Love Field (DAL), TX.

Conditions for Operating Temporary Equipment

> The temporary equipment shall be marked with a red light and flag. The red light must conform to Chapter 5, Red Obstruction Light System (L-810 or equivalent and minimum 32.5 candela), and the flag must conform to Chapter 3, Marking Guidelines, in accordance with FAA's Advisory Circular 70/7460-1L, Obstruction Marking and Lighting. A copy of the advisory circular 70/7460-1L can be viewed and/or downloaded at https://oeaaa.faa.gov/oeaaa/external/content/AC70_7460_1L.pdf.

This proposed temporary equipment will impact the following DAL airspace:

> 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. Exceeds by 108 feet.

There are no IFR effects on any DAL instrument procedures.

AIR TRAFFIC FIELD FACILITY NOTIFICATION

> Notify the Dallas-Love Field airport manager, or the airport manager's representative, at 214-670-6157 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 Dallas-Love Field air traffic control manager, or the air traffic control manager's representative, at 214-353-1500 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.



