



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

Aeronautical Study No.
2019-AEA-2665-OE
Prior Study No.
---OE

Issued Date: 04/08/2019

Caitlin Feehan
Alexandria Renew Enterprises
1800 Limerick Street
Alexandria, VA 20002

****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 Liebherr Model HS 885 HD
Location:	Alexandria, VA
Latitude:	38-48-34.35N NAD 83
Longitude:	77-02-18.09W
Heights:	14 feet site elevation (SE) 169 feet above ground level (AGL) 183 feet above mean sea level (AMSL)

This aeronautical study revealed that the temporary structure does not exceed obstruction standards and 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, 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.

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.

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 (404) 305-6645, or Lan.norris@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2019-AEA-2665-OE

Signature Control No: 399057346-401840649

(TMP)

Lan Norris

Specialist

Additional Condition(s) or Information for ASN 2019-AEA-2665-OE

Proposal: To construct and/or operate a(n) Crane to a height of 169 feet above ground level, 183 feet above mean sea level.

Location: The structure will be located 2.51 nautical miles south of Ronald Reagan Washington National (DCA) Airport reference point.

Case Description for ASN 2019-AEA-2665-OE

Feasibility crane study for construction to support the Alexandria Renew Enterprise combined sewer overflow mitigation program.

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

Aeronautical study revealed that the temporary structure will not exceed any Part 77 obstruction standard. Aeronautical study confirmed that the temporary structure will have no effect on any existing or proposed arrival, departure or en route instrument/visual flight rules (IFR/VFR) operations or procedures. Additionally, aeronautical study confirmed that the temporary structure will have no physical or electromagnetic effect on the operation of air navigation and communications facilities and will not impact any airspace and routes used by the military. Based on this aeronautical study, the FAA finds that the temporary structure will have no adverse effect on air navigation and will not impact any aeronautical operations or procedures.

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 L Change 2, Obstruction Marking and Lighting, flags/red lights - Chapters 3(Marked),4,5(Red),&12.

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 manager of DCA, (703) 417-8050 and Air Traffic Control, (703) 413-0330 and NATIONAL HARBOR, (443) 223-8353 be notified at least 3 business days prior to the temporary structure being erected and again when the structure is removed from the site.

Any height exceeding 169 feet above ground level (183 feet above mean sea level), will result in a substantial adverse effect and would warrant a Determination of Hazard to Air Navigation.

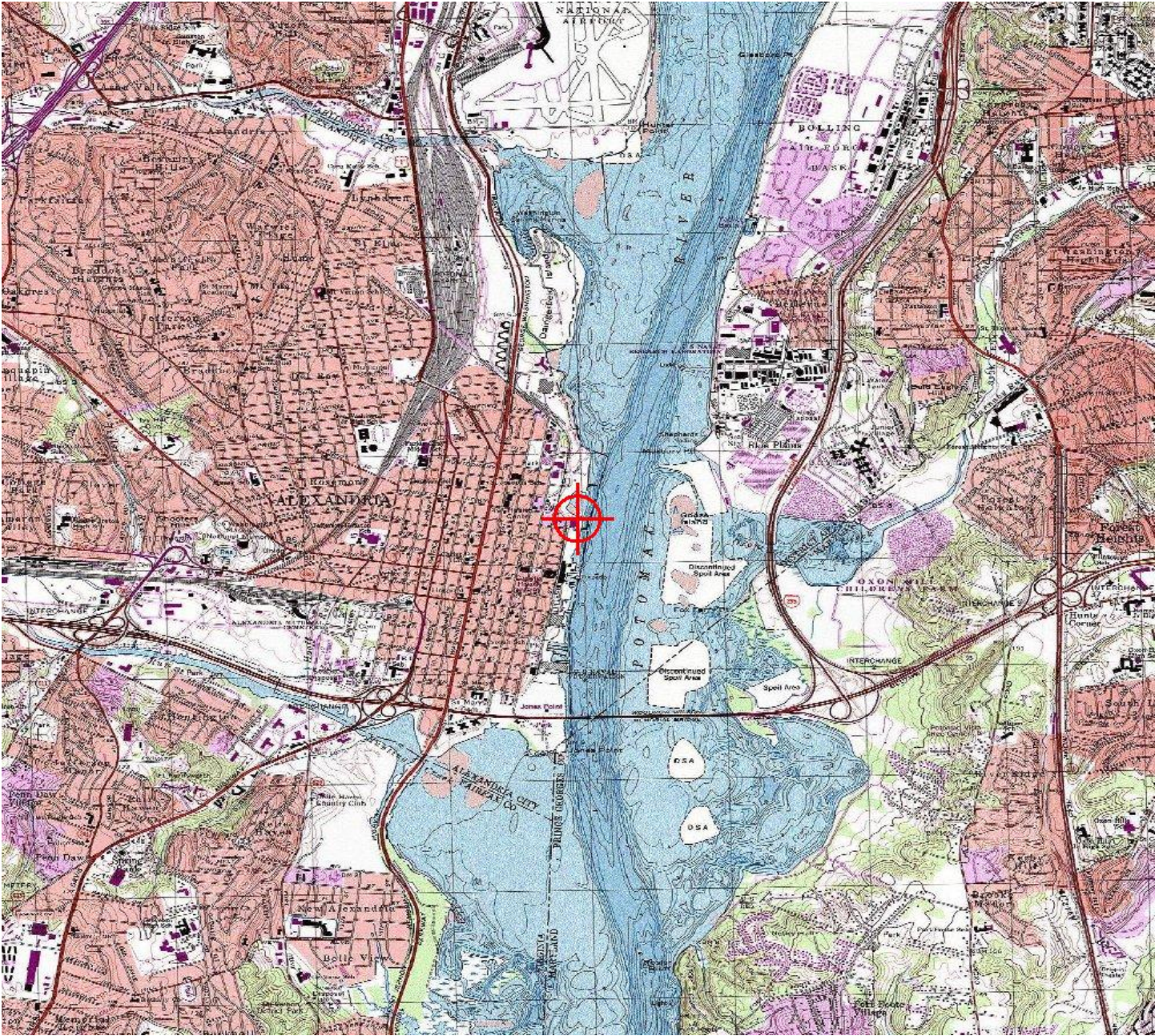
This determination expires on 10/08/2020 unless extended, revised, or terminated by the issuing office.

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed within 5 days after the temporary structure is dismantled.

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.

As a condition to this determination, the equipment must be lowered when not in use, between sunset & sunrise and during poor flight conditions (ceiling <1000', visibility <3 miles). If the crane cannot be lowered, it must be lighted for increased conspicuity in accordance with FAA Advisory Circular 70/7460-1, Obstruction Marking and Lighting, red lights - Chapters 4, 5(Red),&12. * Weather conditions are available by Leidos Flight Service @, 800-992-7433 / www.1800wxbrief.com







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Issued Date: 10/08/2020

Caitlin Feehan
Alexandria Renew Enterprises
1800 Limerick Street
Alexandria, VA 20002

**** Extension ****

A Determination was issued by the Federal Aviation Administration (FAA) concerning:

Structure:	Crane Liebherr Model HS 885 HD
Location:	Alexandria, VA
Latitude:	38-48-34.35N NAD 83
Longitude:	77-02-18.09W
Heights:	14 feet site elevation (SE) 169 feet above ground level (AGL) 183 feet above mean sea level (AMSL)

In response to your request for an extension of the effective period of the determination, the FAA has reviewed the aeronautical study in light of current aeronautical operations in the area of the structure and finds that no significant aeronautical changes have occurred which would alter the determination issued for this structure.

Accordingly, pursuant to the authority delegated to me, the effective period of the determination issued under the above cited aeronautical study number is hereby extended and will expire on 04/08/2022 unless otherwise extended, revised, or terminated by this office. You must adhere to all conditions identified in the original determination.

This extension issued in accordance with 49 U.S.C., Section 44718 and, if applicable, Title 14 of the Code of Federal Regulations, part 77, concerns the effect of the 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 (817) 222-5933, or andrew.hollie@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2019-AEA-2665-OE.

Signature Control No: 399057346-453256132

Andrew Hollie
Specialist

(EXT)

Attachment(s)
Case Description

Case Description for ASN 2019-AEA-2665-OE

Feasibility crane study for construction to support the Alexandria Renew Enterprise combined sewer overflow mitigation program.