



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

Aeronautical Study No.  
2018-ANM-342-OE

Issued Date: 05/25/2018

Planning and Development  
juwi Inc.  
1710 29th St, Suite 1068  
Boulder, CO 80302

**\*\* 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:	Solar Panel Palmer Solar
Location:	Fountain, CO
Latitude:	38-36-51.26N NAD 83
Longitude:	104-37-47.58W
Heights:	5363 feet site elevation (SE) 8 feet above ground level (AGL) 5371 feet above mean sea level (AMSL)

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

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed in accordance with FAA Advisory circular 70/7460-1 L Change 1.

This determination expires on 11/25/2019 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.

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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.

If we can be of further assistance, please contact our office at (907) 271-5863, or [robert.van.haastert@faa.gov](mailto:robert.van.haastert@faa.gov). On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2018-ANM-342-OE.

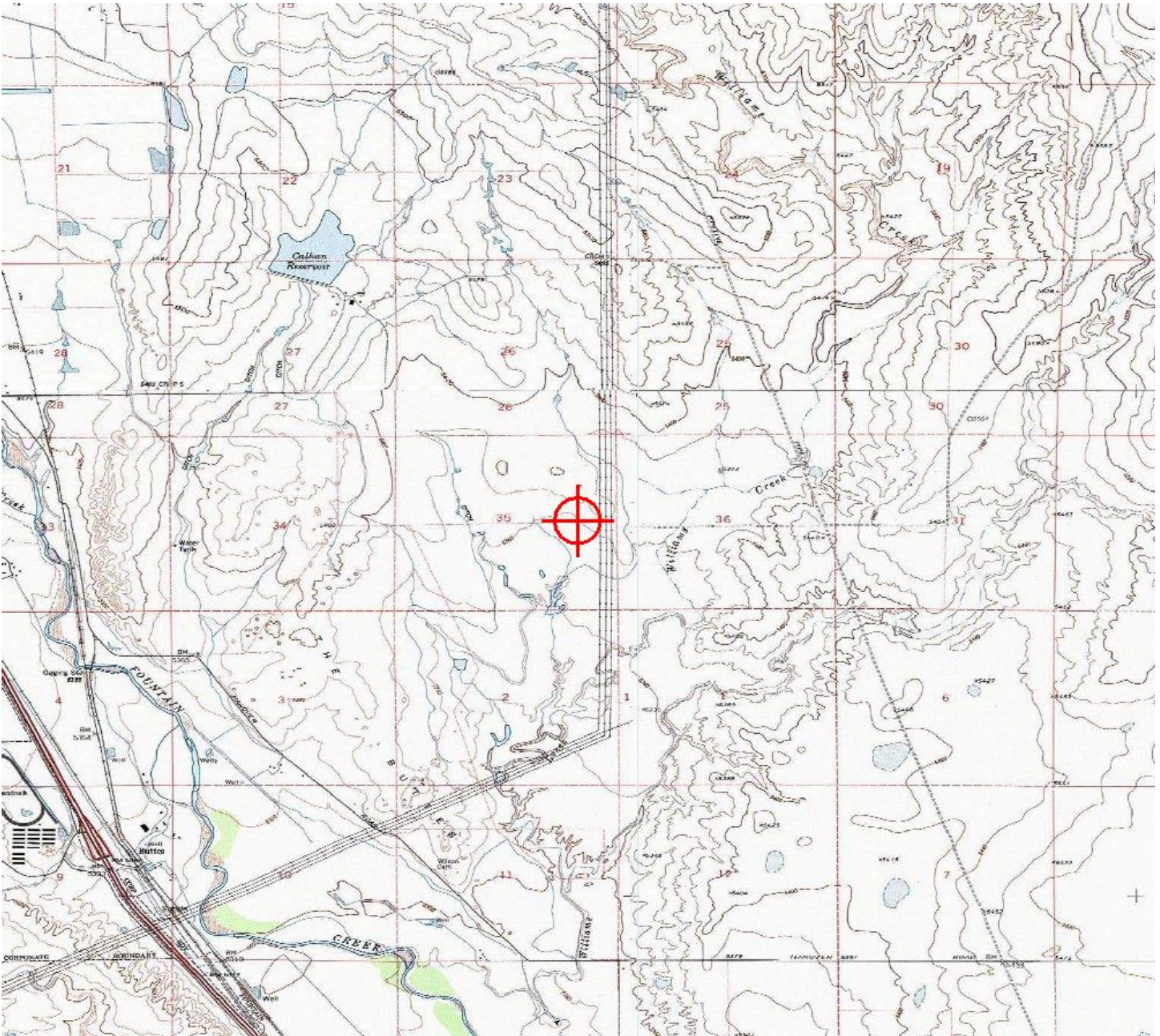
**Signature Control No: 353632526-366232172**

( DNE )

Robert van Haastert  
Specialist

Attachment(s)  
Map(s)

# TOPO Map for ASN 2018-ANM-342-OE









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**Signature Control No: 353632526-366232172**

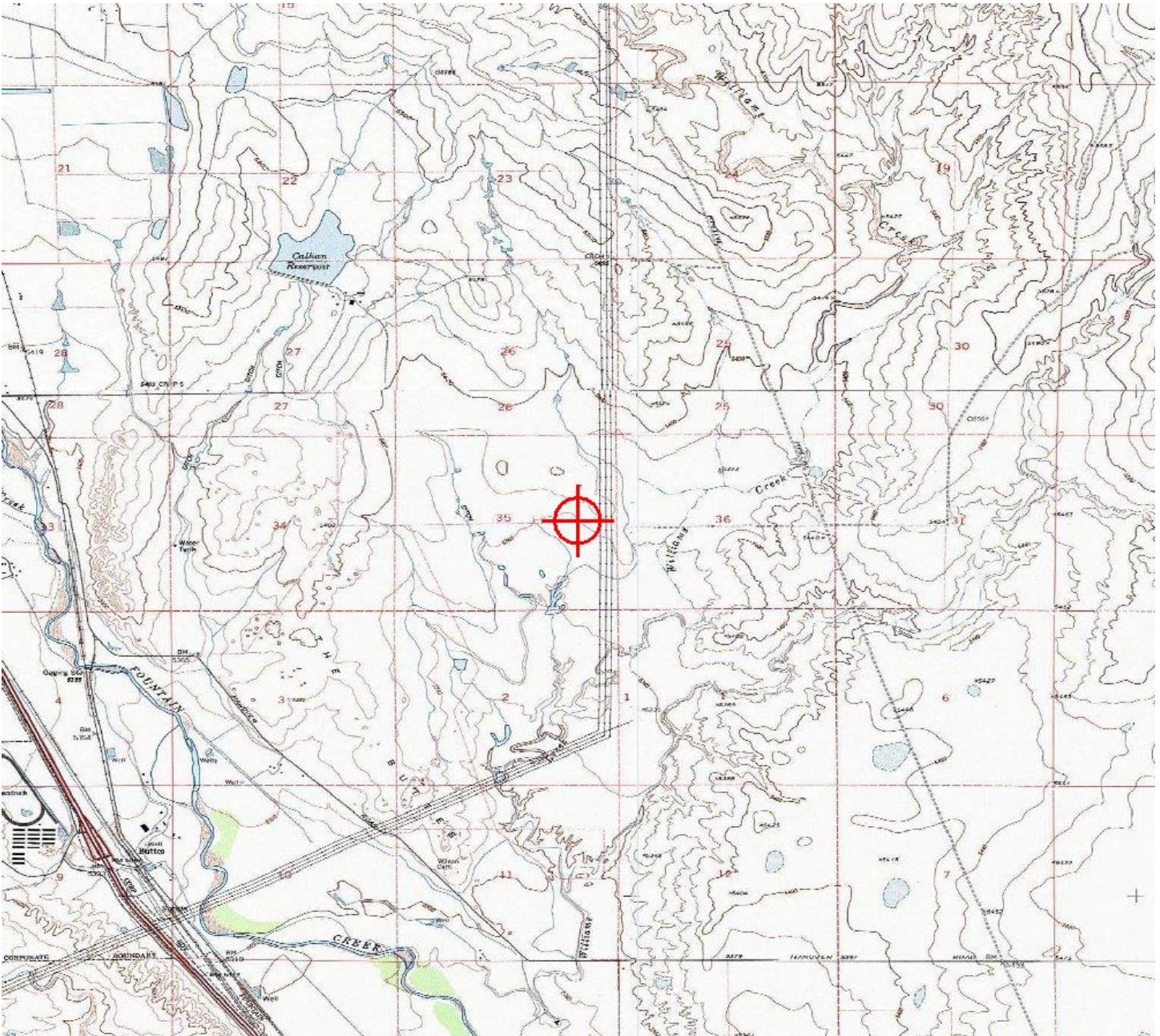
( DNE )

Robert van Haastert  
Specialist

Attachment(s)  
Map(s)



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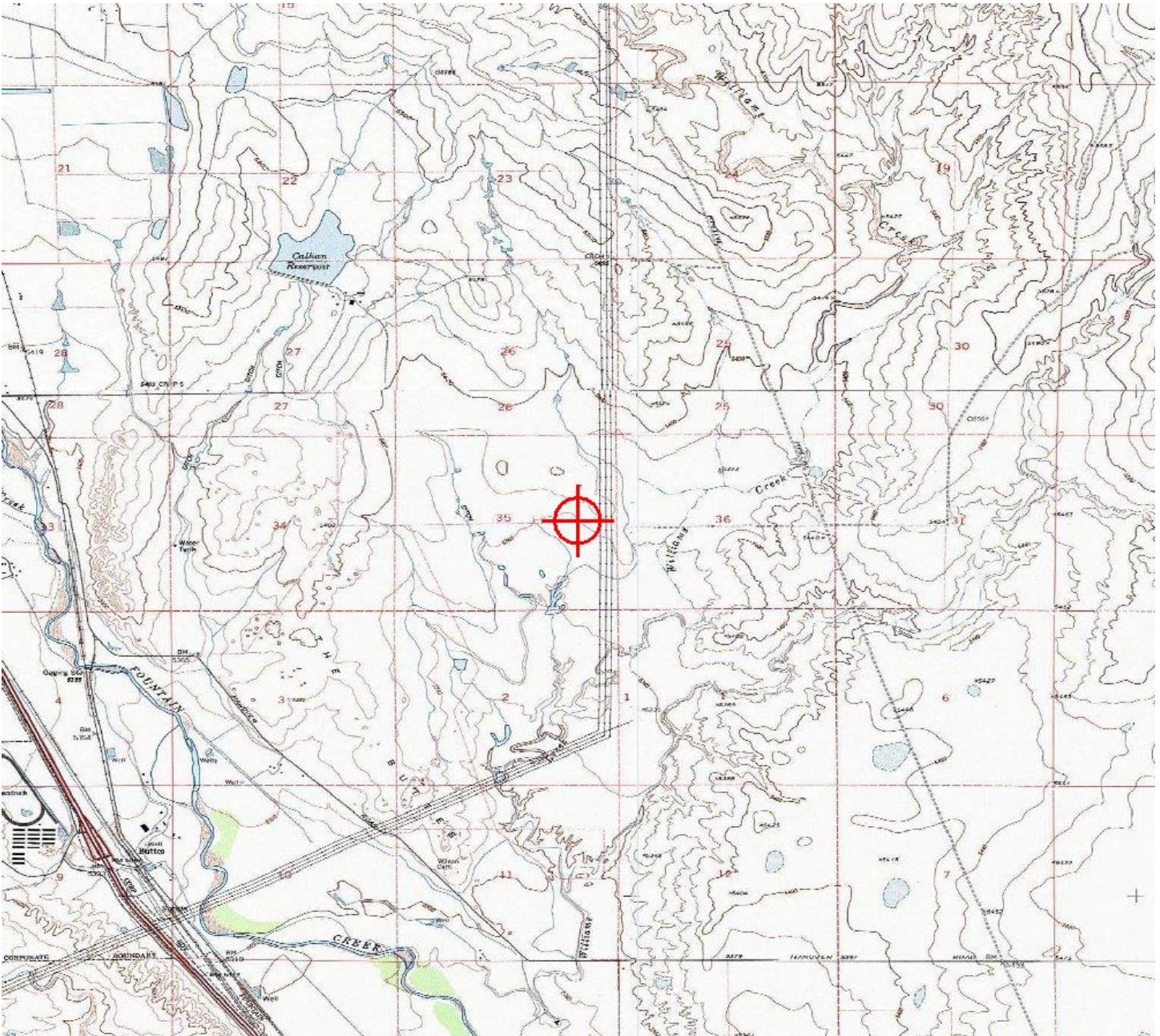
( DNE )

Robert van Haastert  
Specialist

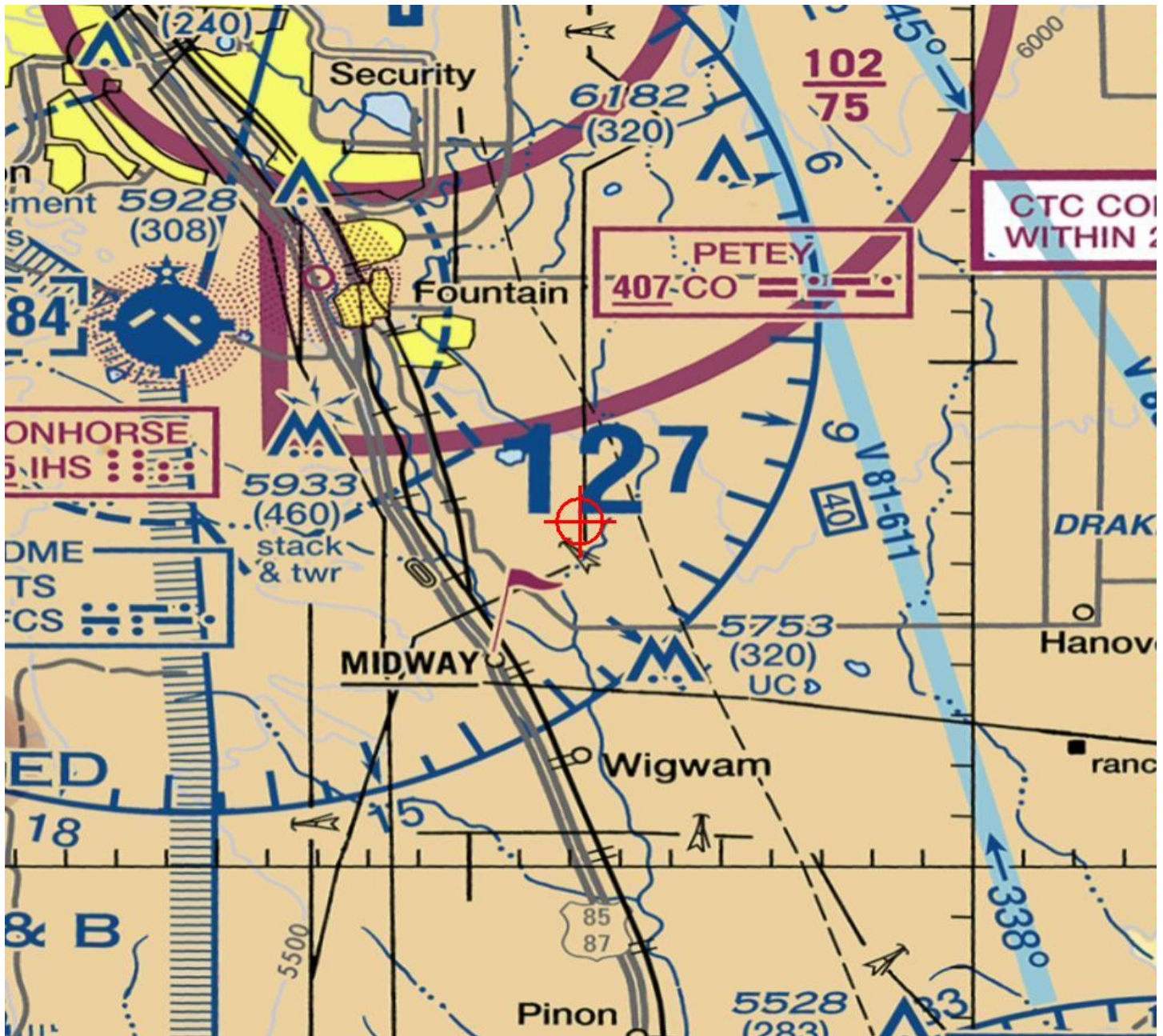
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If we can be of further assistance, please contact our office at (907) 271-5863, or [robert.van.haastert@faa.gov](mailto:robert.van.haastert@faa.gov). On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2018-ANM-342-OE.

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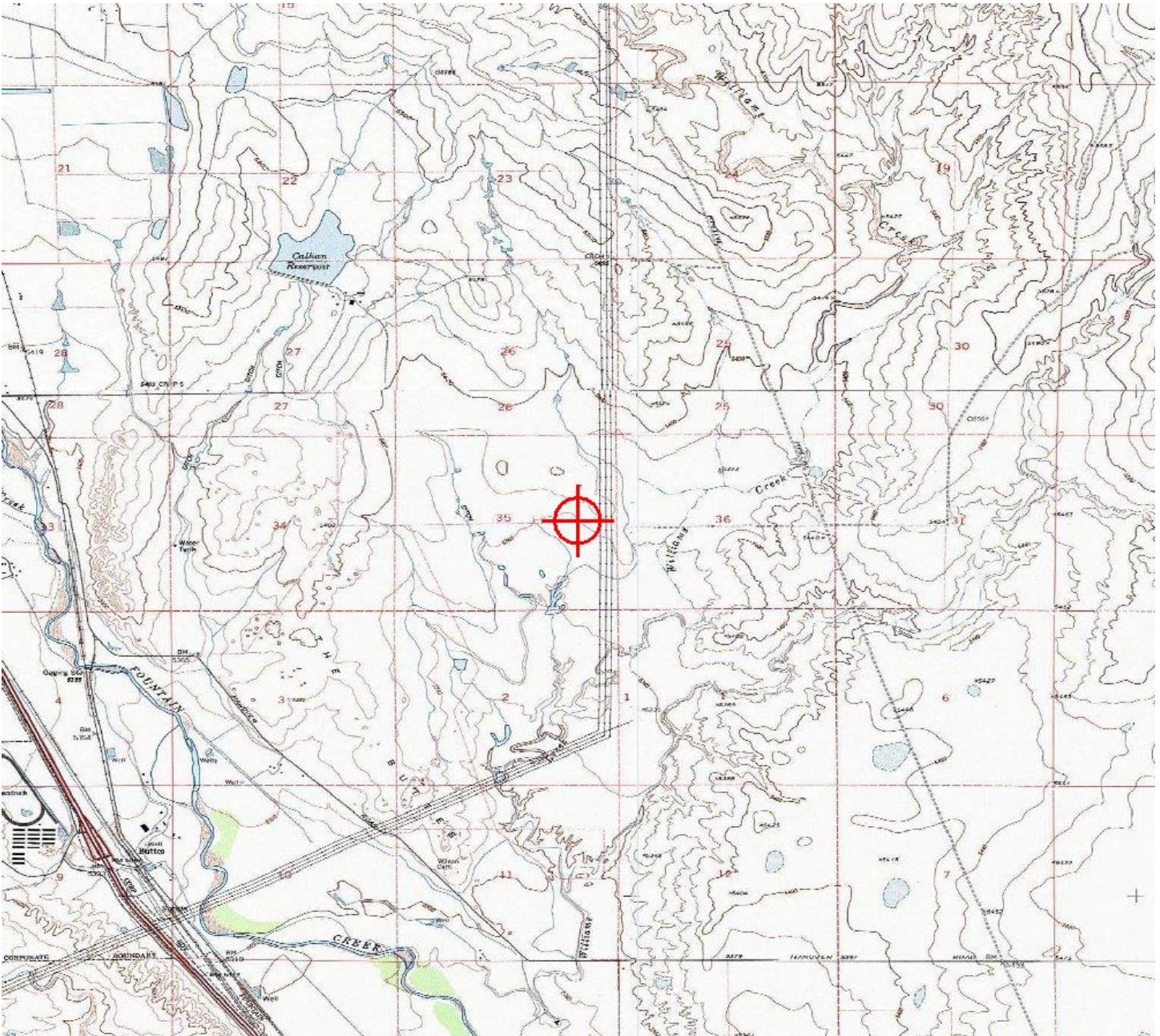
( DNE )

Robert van Haastert  
Specialist

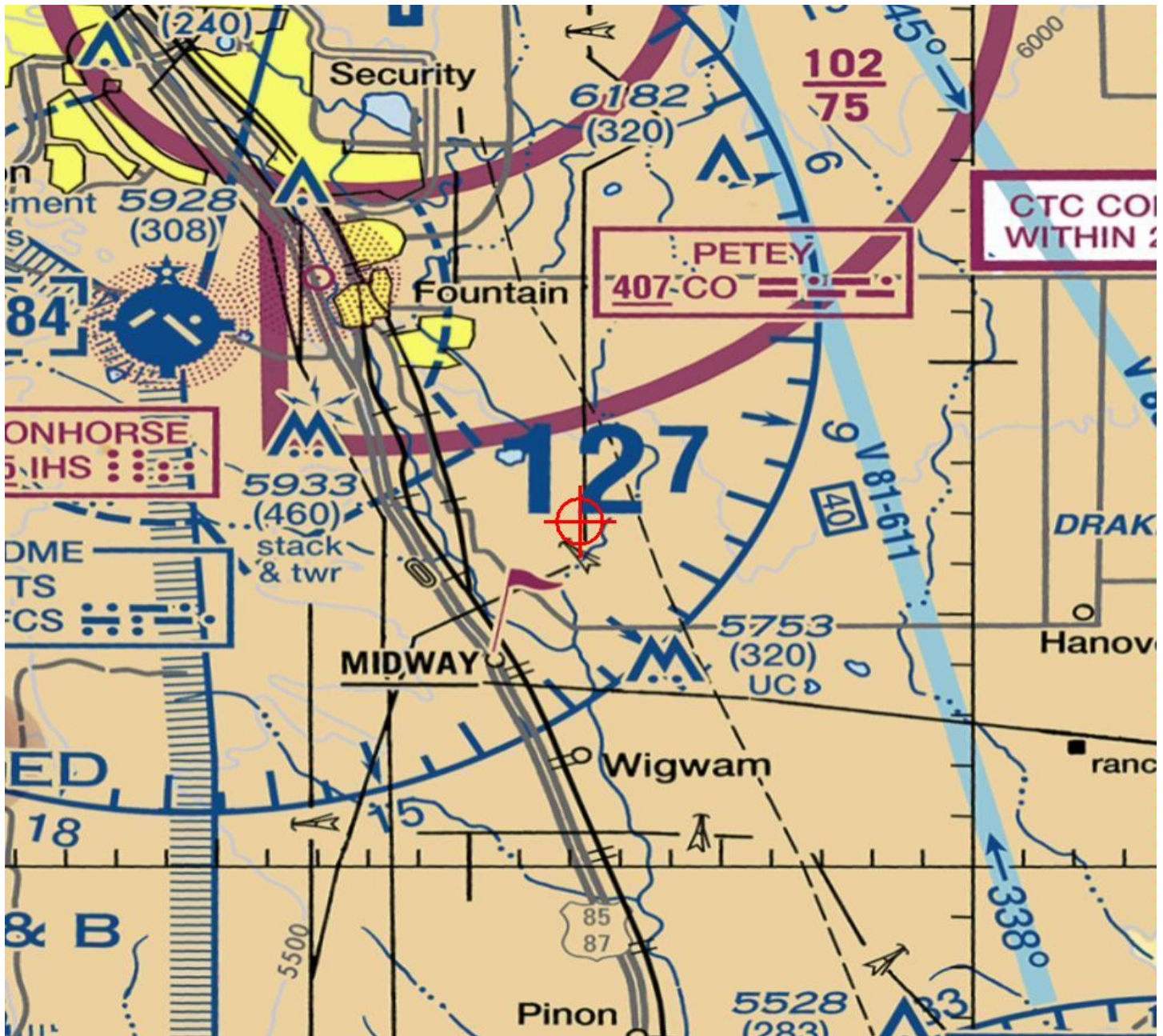
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10101 Hillwood Parkway  
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Aeronautical Study No.  
2018-ANM-338-OE

Issued Date: 03/28/2018

Planning and Development  
juwi Inc.  
1710 29th St, Suite 1068  
Boulder, CO 80302

**\*\*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 Palmer Solar Crane
Location:	Fountain, CO
Latitude:	38-38-34.43N NAD 83
Longitude:	104-39-48.06W
Heights:	5483 feet site elevation (SE) 90 feet above ground level (AGL) 5573 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 (206) 231-2990, or paul.holmquist@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2018-ANM-338-OE

**Signature Control No: 353632519-361057407**

( TMP )

Paul Holmquist  
Specialist

## **Additional Condition(s) or Information for ASN 2018-ANM-338-OE**

**Proposal:** To construct and/or operate a(n) Crane to a height of 90 feet above ground level, 5573 feet above mean sea level.

**Location:** The structure will be located 5.09 nautical miles southeast of FCS Airport reference point.

### **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.

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed in accordance with FAA Advisory circular 70/7460-1 L Change 1.

This determination expires on 09/28/2019 unless extended, revised, or terminated by the issuing office.

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