



Federal Aviation
Administration

FEDERAL AVIATION ADMINISTRATION

OE/AAA[®] Obstruction Evaluation / Airport Airspace Analysis

WEB APPLICATION PROGRAMMING INTERFACE (API) RESTFUL SERVICES

USER GUIDE

All references to software products remain the protected trademarks of their manufacturers. The instructions in this document may reference Microsoft application(s). This is not meant in any way to express a preference for any particular product since there are many different browsers, programs, and operating systems available to the user. For simplicity only popular brand/products are used in the examples that follow.



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Version Control Table

Version No.	Date	Purpose / Changes	Author
2011.2.0	09/29/2011	First version	CGH Technologies Inc.
2012.1.0	03/29/2012	Typographical update	CGH Technologies Inc.
2012.2.0	06/28/2012	Web Service to MCAT	CGH Technologies Inc.
2012.4.0	01/03/2013	Added Glossary Statement	CGH Technologies Inc.
2013.1.0	03/28/2013	Added Web Service for USAF & DHS	CGH Technologies Inc.
2014.1.0	01/30/2014	MCAT Data Changes	CGH Technologies Inc.
2014.3.0	08/01/2014	Document Revision Changes	CGH Technologies Inc.
2016.1.0	04/21/2016	Revised Web Services Glossary	CGH Technologies Inc.
2018.2.0	12/08/2018	Document Revision Changes	CGH Technologies Inc.
2020-DEC.2	01/12/2021	Document Revision Changes	CGH Technologies Inc.
2021-SEP	09/30/2021	Document Revision Changes	CGH Technologies Inc.
2022-AUG	08/18/2022	Document Revision Changes	CGH Technologies Inc.

Change Control Table

Version No.	Date	Purpose / Changes	Author
2012.1.0	03/29/2012	Authenticated FAA Access	CGH Technologies Inc.
2012.2.0	06/28/2012	Web Service to MCAT	CGH Technologies Inc.
2012.4.0	01/03/2013	Added Glossary Statement	CGH Technologies Inc.
2013.1.0	03/28/2013	Added Permission Based Security	CGH Technologies Inc.
2013.1.0	03/28/2013	Added DHS Web Service	CGH Technologies Inc.
2013.1.0	03/28/2013	Added USAF Web Service	CGH Technologies Inc.
2013.1.0	03/28/2013	Added Date Transmitted to MCAT	CGH Technologies Inc.
2013.1.0	03/28/2013	Added Project Name to MCAT	CGH Technologies Inc.
2013.1.0	03/28/2013	Added OSD Division Response Data	CGH Technologies Inc.
2014.1.0	01/09/2014	Typographical and format updates	CGH Technologies Inc.
2014.1.0	01/30/2014	Added New Data Fields to MCAT	CGH Technologies Inc.
2014.3.0	08/01/2014	Removed Authenticated Web Services	CGH Technologies Inc.
2014.3.0	08/01/2014	Added Authenticated login Verbiage	CGH Technologies Inc.
2014.3.0	08/01/2014	Revised Web Services Glossary	CGH Technologies Inc.
2016.1.0	04/21/2016	Revised Web Services Glossary	CGH Technologies Inc.
2018.2.0	12/08/2018	Removed CGH Logo	CGH Technologies Inc.
2018.2.0	12/08/2018	Updated Example Web Service Query	CGH Technologies Inc.
2020-DEC.2	01/12/2021	Added NPF-Notice of Preliminary Finding status	CGH Technologies Inc.
2021-SEP	09/30/2021	Added Expiration Date to Public Web Services	CGH Technologies Inc.



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2021-SEP	09/30/2021	Added Structure Types Table	CGH Technologies Inc.
2022-AUG	08/18/2022	Updated Status Code Types	CGH Technologies Inc.
2022-NOV	11/17/2022	Added Advanced Air Mobility (AAM) Component Types	CGH Technologies Inc.



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1 Welcome

Thank you for using the Obstruction Evaluation and Airport Airspace Analysis (OE/AAA) System. The public OE/AAA consists of a Web site provided by the Program Management Organization (PMO) Aeronautical Information Management (AIM) Division of the Federal Aviation Administration (FAA) at <https://oeaaa.faa.gov>.

The OE/AAA web services enable individuals and organizations to easily communicate computer to computer to receive construction /alteration data of potential obstructions; both on location at airports (On Airport) and those external to the airport (Off Airport) as described in CFR Title 14 Part 77.

The OE/AAA® Web API RESTful Services User Guide is a tool designed to facilitate the use of this service on the OE/AAA Web site.

2 Before You Start

2.0 What You Should Already Know

Web services provide data exchange operability to link data between different applications and platforms. Before you continue, you should have a basic understanding of HTML and XML.



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3 Acronyms/Abbreviations and Meanings

Acronym/Abbreviation	Meaning
API	Application Program Interface
Caselist	Used to find cases
Circ	Circularized cases where the FAA solicits input from the public.
HTML	HyperText Markup Language
NOTAM	Notice To Airmen (NOTAM)
NRA	Non-Ruled Airports (case type)
OE	Obstruction Evaluation (case type)
OEWEBAPI	Obstruction Evaluation Web Application Program Interface
REST	Representational State Transfer (REST)
RESTful	Conforming to the REST constraints
WADL	Web Application Description Language (WADL)
XML	Extensible Markup Language (XML)



4 Web Services

OE/AAA public web services are available for computer-to-computer receipt of on and off airport potential obstruction data.

4.0 Public Access

4.0.1 Caselist - No log-in required

- /case/{asn}
- /case/OE/{asn}
- /case/NRA/{asn}
- /caseList/{type}/{year}?state=<state_code>®ion=<region_id>&dateEnteredStart=<date>&dateEnteredEnd=<date>
 - These dates are case created dates
 - Case Status {type}
- /caseList/date/{type}?start=<date>&end=<date>
 - These dates are determined dates (returns only DET cases)

4.0.2 Circ – No log-in required.

- /caseList/circ/{state}
 - This is for CIRC cases by State

4.1 Authenticated FAA Access

Authenticated log-in is required to access OE/AAA web services that support internal FAA processes. Authenticated log-in access is restricted to FAA employees, contractors and partners.



OE/AAA Administrative system security users assign web service permission(s) to authenticated user accounts.



5 Performance of RESTful Services

The public RESTful web services communicate by transferring a representation of an OE/AAA resource in a format matching one of an evolving set of standard data types.

These services are selected dynamically based on the desires of a recipient based and the nature of the resource data (i.e. by ASN, etc.).

6 Best Practices

Rendering a complex RESTful service query is discouraged as this can take a lot of time, especially if the user is accessing it with an older browser or with a low-performance computer, such as a netbook.

To ensure the best performance and system-wide user satisfaction please break down large request into multiple service calls.

To provide a smooth user experience while optimizing the performance of all OE/AAA system resources, web service queries are limited to a maximum of 8,000 rows.

7 Using Non-Authenticated OE/AAA Public Web API RESTful Services

7.0 OEWEBAPI

All requests are RESTful, **with an endpoint** of the following format: [https://<hostname>\[:port\]/<restful query>](https://<hostname>[:port]/<restful query>)

Endpoint URL: <https://oeaaa.faa.gov/oeaaa/services/list>

Port: 443 (standard)

RESTful query: one of the following queries.

7.1 OE/AAA Public Web Services

*** Login is NOT required for access.**

Name	Detail	Provider	Type	Frequency
Public	OE/NRA Case Data https://oeaaa.faa.gov/oeaaa/services/?_wadl&_type=xml	OE/AAA	RESTFul	On Demand



7.2 Find On-Airport or Off-Airport Case by ASN

*** Login is NOT required for access.**

/oeaaa/services/case/{asn}

Parameter Name	Element Description	Required
asn	Case ASN	Yes

7.2.1 Sample query - OE

/oeaaa/services/case/2021-ACE-1349-OE

7.2.2 Sample result - OE

```
<caseData>
<OECase>
<id>469101279</id>
<asn>2021-ACE-1349-OE</asn>
<asnSequence>1349</asnSequence>
<dateEntered>2021-02-11</dateEntered>
<expirationDate>2022-10-01</expirationDate>
<dateCompleted>2021-03-31</dateCompleted>
<caseType>OE</caseType>
<nearestAirportName>M66</nearestAirportName>
<nearestState>KS</nearestState>
<nearestCity>Hillsboro</nearestCity>
<siteElevationProposed>1407</siteElevationProposed>
<aglStructureHeight>180</aglStructureHeight>
<aglStructureHeightDet>180</aglStructureHeightDet>
<statusCode>DET-DNE</statusCode>
<recommendedMarkLightType>None</recommendedMarkLightType>
<year>2021</year>
<sponsor>Countryside Feed, LLC</sponsor>
<sponsorAddress1>101 Sante Fe St</sponsorAddress1>
<sponsorCity>Hillsboro</sponsorCity>
<sponsorState>KS</sponsorState>
<sponsorPostalCode>67063</sponsorPostalCode>
<faaGeographyId>ACE</faaGeographyId>
<distanceFromNearestAirport>11084.9836472585</distanceFromNearestAirport>
<directionFromNearestAirport>48.3250585525687</directionFromNearestAirport>
<structureDescription>Grain Elevator</structureDescription>
<structureType>GRAIN_ELEVATOR</structureType>
<locatorId>M66</locatorId>
<latitude>38.36180555555556</latitude>
<longitude>-97.18499722222222</longitude>
<sponsorEmail>bacton@countrysidefeed.com</sponsorEmail>
<sponsorCountry>US</sponsorCountry>
<sponsorPhone>417-531-1867</sponsorPhone>
<receivedDate>2021-02-11T16:08:51-05:00</receivedDate>
<amslOverallHeightProposed>1587</amslOverallHeightProposed>
<amslOverallHeightDet>1587</amslOverallHeightDet>
<latLongAccuracy>4D</latLongAccuracy>
</OECase>
```



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7.2.3 Sample query - NRA

/oeaaa/services/case/2021-AWP-3291-NRA

7.2.4 Sample result - NRA

```
<caseData>
<NRACase>
<id>491334204</id>
<asn>2021-AWP-3291-NRA</asn>
<asnSequence>3291</asnSequence>
<createdDate>2021-08-13T00:00:00-04:00</createdDate>
<expirationDate/>
<dateCompleted>2021-08-20</dateCompleted>
<caseType>NRA</caseType>
<nearestAirportName>SAN CARLOS</nearestAirportName>
<nearestCity>SAN CARLOS</nearestCity>
<nearestState>CA</nearestState>
<siteElevationProposed>12</siteElevationProposed>
<aglStructureHeight>44</aglStructureHeight>
<faaGeographyId>AWP</faaGeographyId>
<statusCode>DET-to-Prop</statusCode>
<year>2021</year>
<sponsor>Silicon Valley Clean Water</sponsor>
<sponsorAddress1>1404 Radio Road</sponsorAddress1>
<sponsorCity>Redwood City</sponsorCity>
<sponsorState>CA</sponsorState>
<sponsorCountry>US</sponsorCountry>
<sponsorEmail>Bruce@MPF-Consulting.com</sponsorEmail>
<sponsorPostalCode>94065</sponsorPostalCode>
<sponsorPhone>650-825-5511</sponsorPhone>
<structureDescription>Mobile Crane</structureDescription>
<structureType>CRANE$MOBILE</structureType>
<locatorId>SQL</locatorId>
<latitude>37.50604444444444</latitude>
<longitude>-122.24445833333334</longitude>
<receivedDate>2021-08-13T00:00:00-04:00</receivedDate>
<amslOverallHeightProposed>56</amslOverallHeightProposed>
<latLongAccuracy>4D</latLongAccuracy>
</NRACase>
```



7.3 Find cases by type and date range

*** Login is NOT required for access.**

`/oeaaa/services/caseList/date/{type}?start={start}&end={end}`

Parameter Name	Element Description	Required
type	Case type {OE NRA}	Yes
start	Start date	Yes
end	End date	Yes

7.3.1 Sample query - OE

`/oeaaa/services/caseList/date/OE?start=2020-11-20&end=2021-01-08`

7.3.2 Sample result - OE

```
<caseList>
<OECASE>
<id>453685572</id>
<asn>2020-ASO-31219-OE</asn>
<asnSequence>31219</asnSequence>
<dateEntered>2020-10-13</dateEntered>
<expirationDate>2022-05-20</expirationDate>
<dateCompleted>2020-11-20</dateCompleted>
<caseType>OE</caseType>
<nearestAirportName>NIP</nearestAirportName>
<nearestState>FL</nearestState>
<nearestCity>Jacksonville</nearestCity>
<siteElevationProposed>7</siteElevationProposed>
<aglStructureHeight>150</aglStructureHeight>
<aglStructureHeightDet>150</aglStructureHeightDet>
<statusCode>DET-DNE-TMP</statusCode>
<recommendedMarkLightType>Red lights and flags</recommendedMarkLightType>
<year>2020</year>
<sponsor>T-Mobile South LLC</sponsor>
<sponsorAddress1>7025 A.C. Skinner Parkway</sponsorAddress1>
<sponsorCity>Jacksonville</sponsorCity>
<sponsorState>FL</sponsorState>
<sponsorPostalCode>32256</sponsorPostalCode>
<faaGeographyId>ASO</faaGeographyId>
<distanceFromNearestAirport>19197.3504776814</distanceFromNearestAirport>
<directionFromNearestAirport>284.695919355947</directionFromNearestAirport>
<structureDescription>Derrick/Gantry Crane</structureDescription>
<structureType>CRANE$GANTRY</structureType>
<locatorId>NIP</locatorId>
<latitude>30.24708333333332</latitude>
<longitude>-81.7348638888889</longitude>
```



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```
<sponsorEmail>kelly.williamson@T-Mobile.com</sponsorEmail>  
<sponsorCountry>US</sponsorCountry>  
<sponsorPhone>904-251-7000</sponsorPhone>  
<receivedDate>2020-10-13T16:33:43-04:00</receivedDate>  
<amslOverallHeightProposed>157</amslOverallHeightProposed>  
<amslOverallHeightDet>157</amslOverallHeightDet>  
<latLongAccuracy>4D</latLongAccuracy>  
</OECase>
```

7.3.3 Sample query - NRA

```
/oeaaa/services/caseList/date/NRA?start=2020-05-13&end=2021-06-13
```

7.3.4 Sample result - NRA

```
<caseList>  
<NRACase>  
<id>436854867</id>  
<asn>2020-ASO-2197-NRA</asn>  
<asnSequence>2197</asnSequence>  
<createdDate>2020-04-17T00:00:00-04:00</createdDate>  
<expirationDate/>  
<dateCompleted>2020-05-13</dateCompleted>  
<caseType>NRA</caseType>  
<nearestAirportName>HARTSFIELD - JACKSON ATLANTA INTL</nearestAirportName>  
<nearestCity>ATLANTA</nearestCity>  
<nearestState>GA</nearestState>  
<siteElevationProposed>1050</siteElevationProposed>  
<aglStructureHeight>12</aglStructureHeight>  
<faaGeographyId>ASO</faaGeographyId>  
<statusCode>DET-to-Prop</statusCode>  
<year>2020</year>  
<sponsor>City of Atlanta - DOA</sponsor>  
<sponsorAddress1>1255 South Loop Road</sponsorAddress1>  
<sponsorCity>Atlanta</sponsorCity>  
<sponsorState>GA</sponsorState>  
<sponsorCountry>US</sponsorCountry>  
<sponsorEmail>norma.click@atl.com</sponsorEmail>  
<sponsorPostalCode>30337</sponsorPostalCode>  
<sponsorPhone>404-382-1304</sponsorPhone>  
<structureDescription>Fuel Tank</structureDescription>  
<structureType>FUEL_SYSTEM</structureType>  
<locatorId>ATL</locatorId>  
<latitude>33.64048055555555</latitude>  
<longitude>-84.44309722222222</longitude>  
<receivedDate>2020-04-17T00:00:00-04:00</receivedDate>  
<amslOverallHeightProposed>1062</amslOverallHeightProposed>  
<latLongAccuracy>1A</latLongAccuracy>  
</NRACase>
```



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7.4 Find cases by type and date range (with optional filters)

*** Login is NOT required for access.**

```
/oeaaa/services/caseList/case
type/year/state/region/datestart={start}&end={end}statusCode
```

Parameter Name	Element Description	Required
type	Case type {OE NRA}	Yes
start	Start date	Yes
end	End date	Yes
State	Example: FL	No
Region	Example: ASO	No
StatusCode	OE Example: DET-DNE NRA Example: DET-to-Prop	No

7.4.1 Sample query – OE

```
/oeaaa/services/caseList/OE/2022?state=FL&region=ASO&dateEnteredStart=
2022-01-01&dateEnteredEnd=2022-02-01&statusCode= DET-DNE
```

7.4.2 Sample result - OE

```
<caseList>
<OECASE>
<id>508061703</id>
<asn>2022-ASO-2049-OE</asn>
<asnSequence>2049</asnSequence>
<dateEntered>2022-01-17</dateEntered>
<expirationDate>2023-10-05</expirationDate>
<dateCompleted>2022-04-05</dateCompleted>
<caseType>OE</caseType>
<nearestAirportName>GNV</nearestAirportName>
<nearestState>FL</nearestState>
<nearestCity>Gainesville</nearestCity>
<siteElevationProposed>156</siteElevationProposed>
<aglStructureHeight>62</aglStructureHeight>
<aglStructureHeightDet>62</aglStructureHeightDet>
<statusCode>DET-DNE</statusCode>
<recommendedMarkLightType>None</recommendedMarkLightType>
<year>2022</year>
<sponsor>SiVance LLC</sponsor>
<sponsorAddress1>5002 NE 54th Place</sponsorAddress1>
```



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```
<sponsorCity>Gainesville</sponsorCity>
<sponsorState>FL</sponsorState>
<sponsorPostalCode>32609</sponsorPostalCode>
<faaGeographyId>ASO</faaGeographyId>
<distanceFromNearestAirport>6110.63617252401</distanceFromNearestAirport>
<directionFromNearestAirport>18.68688573356402</directionFromNearestAirport>
<structureDescription>Skid 51A</structureDescription>
<structureType>BUILDING</structureType>
<locatorId>GNV</locatorId>
<latitude>29.70597222222222</latitude>
<longitude>-82.26561111111111</longitude>
<sponsorEmail>Paul.Sweeney@Milliken.com</sponsorEmail>
<sponsorCountry>US</sponsorCountry>
<sponsorPhone>352-235-1150</sponsorPhone>
<receivedDate>2022-01-17T11:52:38-05:00</receivedDate>
<amslOverallHeightProposed>218</amslOverallHeightProposed>
<amslOverallHeightDet>218</amslOverallHeightDet>
<latLongAccuracy>4D</latLongAccuracy>
</OECASE>
```

7.4.3 Sample Query – NRA

```
/services/caseList/NRA/2022?state=FL&region=ASO&dateEnteredStart=2022-01-01&dateEnteredEnd=2022-02-01&statusCode=DET-to-Prop
```

7.4.4 Sample result - NRA

```
<caseList>
<NRACase>
<id>506641217</id>
<asn>2022-ASO-33-NRA</asn>
<asnSequence>33</asnSequence>
<createdDate>2022-01-04T00:00:00-05:00</createdDate>
<expirationDate/>
<dateCompleted>2022-01-04</dateCompleted>
<caseType>NRA</caseType>
<nearestAirportName>CALHOUN COUNTY</nearestAirportName>
<nearestCity>BLOUNTSTOWN</nearestCity>
<nearestState>FL</nearestState>
<siteElevationProposed>121</siteElevationProposed>
<aglStructureHeight>1</aglStructureHeight>
<faaGeographyId>ASO</faaGeographyId>
<statusCode>DET-to-Prop</statusCode>
<year>2022</year>
```



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```
<sponsor>CALHOUN COUNTY</sponsor>
<sponsorAddress1>20589 CENTRAL AVENUE EAST</sponsorAddress1>
<sponsorCity>BLOUNTSTOWN</sponsorCity>
<sponsorState>FL</sponsorState>
<sponsorCountry>US</sponsorCountry>
<sponsorEmail>WScottSnyder@gmail.com</sponsorEmail>
<sponsorPostalCode>32424</sponsorPostalCode>
<sponsorPhone>(850) 674-4545</sponsorPhone>
<structureDescription>PLANNING Airport Layout Plan</structureDescription>
<structureType>PLANNING - Airport Layout Plan</structureType>
<locatorId>F95</locatorId>
<latitude>30.48703055555556</latitude>
<longitude>-85.11378611111111</longitude>
<receivedDate>2022-01-04T00:00:00-05:00</receivedDate>
<amslOverallHeightProposed>122</amslOverallHeightProposed>
<latLongAccuracy>4D</latLongAccuracy>
</NRACase>
```

7.5 Find Circ cases {by state code}

*** Login is NOT required for access.**

/oeaaa/services/caseList/circ/{state}

Parameter Name	Element Description	Required
state	Case ASN Example: VA	Yes

7.5.1 Sample query

/oeaaa/services/caseList/circ/VA

7.5.2 Sample result

```
<caseList>
<OECase>
<id>456782814</id>
<asn>2020-AEA-12106-OE</asn>
<asnSequence>12106</asnSequence>
<dateEntered>2020-11-16</dateEntered>
<expirationDate/>
<dateCompleted>2021-02-08</dateCompleted>
<caseType>OE</caseType>
<nearestAirportName>DCA</nearestAirportName>
<nearestState>VA</nearestState>
```




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```
<nearestCity>Arlington</nearestCity>
<siteElevationProposed>34</siteElevationProposed>
<aglStructureHeight>351</aglStructureHeight>
<aglStructureHeightDet>351</aglStructureHeightDet>
<statusCode>CIR</statusCode>
<year>2020</year>
<sponsor>JBG Smith TRS/LLC</sponsor>
<sponsorAddress1>4747 Bethesda Avenue</sponsorAddress1>
<sponsorCity>Bethesda</sponsorCity>
<sponsorState>MD</sponsorState>
<sponsorPostalCode>20814</sponsorPostalCode>
<faaGeographyId>AEA</faaGeographyId>
<distanceFromNearestAirport>6450.02986062765</distanceFromNearestAirport>
<directionFromNearestAirport>311.3440621321423</directionFromNearestAirport>
<structureDescription>Commercial Use Building</structureDescription>
<structureType>BUILDING$COMMERCIAL</structureType>
<locatorId>DCA</locatorId>
<latitude>38.86314166666667</latitude>
<longitude>-77.05472777777777</longitude>
<sponsorEmail>JDonaldson@jbgsmith.com</sponsorEmail>
<sponsorCountry>US</sponsorCountry>
<sponsorPhone>202-607-1775</sponsorPhone>
<receivedDate>2020-11-16T22:01:21-05:00</receivedDate>
<amslOverallHeightProposed>385</amslOverallHeightProposed>
<amslOverallHeightDet>385</amslOverallHeightDet>
<latLongAccuracy>1A</latLongAccuracy>
</OECASE>
```



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8 Glossary

The glossary list possible columns for any public OE/AAA RESTful web service. Sample data for each Public Access service is located in **Section 5** of this document

Note: The list is not inclusive of any specific service, as specific services may have specific columns in their results.

Column / Field Names	Description
aglStructureHeight	Proposed total structure height above ground level in whole feet rounded to the next highest foot. The total structure height should include anything mounted on top of the structure such as antennas, lightning rods, obstruction lights, etc.
aglStructureHeightDet	FAA confirmed total structure height above ground level.
asn	Aeronautical Study Number (Case) Year-Region-Number-Case type (e.g. 2013-AAL-23-OE or NRA)
asnSequence	ASN sequence number (i.e. "23")
dateCompleted	Aeronautical Study completion date
dateEntered	Date an On or Off Airport ASN was accepted.
distanceFromNearestAirport	Off Airport structure's distance in feet from the nearest Airport.
directionFromNearestAirport	Off Airport structure's direction in degrees from the nearest Airport.
expirationDate	Date a case determination expires
faaGeographyId	FAA Regional Boundaries IDs across the country: AAL, ACE, AEA, AGL, ANE, ANM, ASO, ASW, AWP, WTE and WTW
id	Number assigned as a case identifier
latitude	Precise geographic coordinate entered in Decimal Degrees (e.g. 41.69883333333333).
longitude	Precise geographic coordinate entered in Decimal Degrees (e.g. 71.43244444444444).
nearestAirportName	Name of the nearest airport to where the Off Airport structure will be located.
nearestCity	Name of the nearest city where the Off Airport structure will be located.



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Column / Field Names	Description
nearestState	Name of the actual state where the Off Airport structure will be located.
siteElevationProposed	Proposed site elevation above mean sea level. Expressed in whole feet rounded to the nearest foot.
sponsor	Person or business ultimately responsible for the construction or alteration.
sponsorAddress1	Sponsor's mailing address
sponsorCity	Sponsor's mailing address city
sponsorCountry	Sponsor's mailing address country
sponsorEmail	Sponsor's e-mail address
sponsorPostalCode	Sponsor's mailing address zip code
sponsorState	Sponsor's mailing address state or Non-US state.
Status	<p>DET-DNH-EXT OE Determination of No Hazard – Extension</p> <p>DET-DNH-EXT-Denied OE Determination of No Hazard – Extension - Denied</p> <p>DET-DNH-PSF-Sent OE Determination of No Hazard – Project Status Follow-up (PSF) sent</p> <p>DET-DNH-PSR-Removed OE Determination of No Hazard – Project Status Request (PSR) removed</p> <p>DET-DNH-PSR-Sent OE Determination of No Hazard – Project Status Request (PSR) sent</p> <p>DET-DOH OE Determination of Hazard</p> <p>DET-DPH OE Determination of Presumed Hazard</p> <p>DET-EBO OE Determination of Exceeds But Okay</p>



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Column / Field Names	Description
Status (cont.)	DET-EBO-EXT OE Determination of Exceeds But Okay - Extension
	DET-EBO-EXT-Denied OE Determination of Exceeds But Okay – Extension Denied
	DET-EBO-PSF-Sent OE Determination of Exceeds But Okay – PSF Follow-up sent
	DET-EBO-PSR-Sent OE Determination of Exceeds But Okay – PSR sent
	DET-EBO-TMP OE Determination of Exceeds But Okay, Temporary Structure
	DET-FSB OE Determination of Feasibility
	DET-LTR OE Determination Letter
	DET-M&L OE Determination of Marking & Lighting
	DET-M&L-Change OE Determination of Marking and Lighting - Change
	DET-M&L-Deviation OE Determination of Marking and Lighting - Deviation
	DET-NNR OE No Notice Required (Legacy Status before 2000)
	DET-OTH OE Determination – Other (Legacy Determination before 2001)
	EVL-CIR OE Being Evaluated
	EVL-Exam OE Being Evaluated
	EVL-Pending OE Being Evaluated
EVL-Referred OE Being Evaluated	



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Column / Field Names	Description
Status (cont.)	EVL-Referred-FT18 OE Being Evaluated HLD-Eval OE Being Evaluated NPH-PendingRes OE Notice of Presumed Hazard – Pending Resolution WRK-Part77 OE Being Evaluated WRK-Pending OE Being Evaluated
structureDescription	Structure Location
structureType	Type of Off Airport Structure; (e.g. Crane, Wind Turbine, Building, etc.).
year	Year of case



Appendix: Structure Types in Web Services

Structure Types Table

Structure Type Code	Structure Type Description
Advanced Air Mobility (AAM)	Vertipad Construction – Surface
Advanced Air Mobility (AAM)	Vertipad Construction – Elevated
Advanced Air Mobility (AAM)	Charging Station – Electric and Battery
Advanced Air Mobility (AAM)	Charging Station – Hydrogen
Advanced Air Mobility (AAM)	Charging Station – Solar
Advanced Air Mobility (AAM)	Support Infrastructure – Hydrogen Storage Tanks
Advanced Air Mobility (AAM)	Support Infrastructure – PAX Terminal Facility
Advanced Air Mobility (AAM)	Support Infrastructure – Communications Equipment
Advanced Air Mobility (AAM)	Support Infrastructure – Structure Other
AG_EQUIP	Ag Equipment
AMUSEMENT_PARK_STRUCTURE	Amusement Park Structure
BRIDGE	Bridge
BRIDGE\$DRAW	Draw Bridge
BRIDGE\$TOWER	Bridge Tower
BUILDING	Building
BUILDING\$CHURCH	Church
BUILDING\$COMMERCIAL	Commercial Use Building
BUILDING\$HOME	House
BUILDING\$MULTI_PURPOSE	Multi-purpose Building
BUILDING\$MULTI_UNIT	Multi-unit Housing



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Structure Type Code	Structure Type Description
BUILDING\$PARKING	Parking Structure
BUILDING\$SCHOOL	School
BUILDING\$SKYSCRAPER	High Rise/Sky Scraper
BUILDING\$WINDMILL	Building w/Wind Turbine
CATENARY	Catenary Wire
CONSTRUCTION\$OTHER	Stationary/Fixed Construction Equipment
CONSTRUCTION\$VEHICLE	Mobile Construction Equipment
CRANE	Crane
CRANE\$BARGE	Barge Crane
CRANE\$FIXED	Stationary/Fixed Crane
CRANE\$GANTRY	Derrick/Gantry Crane
CRANE\$MOBILE	Mobile Crane
CRANE\$TOWER	Tower Crane
CRANE\$WINDMILL	WT-Barge Crane
DAM	Dam
ELECTRICAL_SYSTEM\$SOLAR_PANEL	Solar Panel
FENCE	Fence
FENCE\$SECURITY	Fencing/Fence Line
FUEL_SYSTEM	Fuel Tank
GRAIN_ELEVATOR	Grain Elevator
GRAIN_ELEVATOR\$SILO	Grain Bin/Silo
LANDFILL	Landfill
LANDFILL\$C_D	Construction and Demolition (C&D) Landfill



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Structure Type Code	Structure Type Description
LANDFILL\$EXIST	Existing Municipal Solid Waste Landfill
LANDFILL\$NEW	New Municipal Solid Waste Landfill
MONUMENT	Monument
OTHER	Other
PARKING	Parking
POLE	Pole
POLE\$FENCE	Fence Pole/Fence Post
POLE\$FLAG	Flagpole
POLE\$HIGH_MAST	High Mast Illumination
POLE\$LIGHTING	Light Pole
POLE\$MONO	Monopole
POLE\$PARKING	Parking Lot Lighting
POLE\$UTILITY	Utility Pole
POWER_PLANT	Power Plant
RECREATIONAL_USE	Recreational Use Structure
REFINERY	Refinery
RIG	Rig
RIG\$DRILLING	Drilling Rig
RIG\$OIL	Oil Derrick / Rig
RIG\$WORKOVER	Workover Rig
SIGN	Sign
SIGN\$BILLBOARD	Billboard
SIGN\$ROAD	Road Sign



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Structure Type Code	Structure Type Description
SIGN\$STREET	Street Sign
STACK	Stack
STADIUM	Stadium
STADIUM\$OUTDOOR_THEATER	Outdoor Theater
TANK	Tank
TERRAIN	Terrain
TERRAIN\$HILL	Hill
TOWER	Tower
TOWER\$ANTENNA	Antenna Tower
TOWER\$COW	Cell-On-Wheels
TOWER\$MET	Met Tower
TOWER\$NON	Non-Transmitting Tower
TOWER\$SOLAR	Solar Tower
TRANSMISSION_LINE\$L_TOWER	Transmission Line Tower
TRAVERSE_WAY\$INTERSTATE	Interstate Highway - Height Adjustment (+17 feet)
TRAVERSE_WAY\$LIGHT_RAILWAY	Railway - Height Adjustment (+_ feet)
TRAVERSE_WAY\$OTHER	Other Traverseway - Height Adjustment (+_ feet)
TRAVERSE_WAY\$PARKING	Parking Lot
TRAVERSE_WAY\$PRIVATE_ROAD	Private Road - Height Adjustment (+10 feet)
TRAVERSE_WAY\$PUBLIC_ROAD	Public Road - Height Adjustment (+15 feet)
TRAVERSE_WAY\$RAILROAD	Railroad - Height Adjustment (+23 feet)
TRAVERSE_WAY\$WATERWAY	Waterway - Height Adjustment (+_ feet)
TREE	Tree



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Structure Type Code	Structure Type Description
VEGETATION	Vegetation
VERTICAL_POINT	Vertical Point
WASTEWATER_SYSTEM	Waste Management Facility
WATER_SYSTEM	Water Tank
WATER_TOWER	Water Tower
WINDMILL	Wind Turbine
WINDMILL_FARMS	Wind Turbine Farm
WINDMILL_FARMS\$MET	Met Tower (w/WT Farm)