



Transport  
Canada

Transports  
Canada

Transport Canada number

Applicant number

### AERONAUTICAL ASSESSMENT FORM for obstacle notice and assessment

**Owner (company name)**

City Province/Territory Postal code (A1A 1A1)

Telephone number (999-999-9999) Email Address

**Applicant (company name)**

City Province/State Postal code (A1A 1A1)

Telephone number (999-999-9999) Email Address

Geographic Coordinates  NAD83  NAD27  WGS84 N Latitude deg min sec  
For extensive structures submit geographical coordinates separately (e.g. windturbines, transmission lines, building corners). W Longitude deg min sec

HEIGHTS	Feet	Metres	Structure alone	Structure with an addition
<b>A</b> Ground Elevation (AMSL)				
<b>B</b> Height of an addition to a structure				
<b>C</b> Total structure height including <b>B</b> (AGL)				
Overall height ( <b>A</b> plus <b>C</b> ) (AMSL)				

Is the location on lands affected by **Airport Zoning Regulations (AZRs)**?  Yes  No  
Where the object is on lands affected by **AZRs**, a legal survey attesting conformance is required.

Nearest Aerodrome Have you contacted the aerodrome?  
 Yes  No

Description of Project (or attached)

Notice of  New Structure  Change to existing structure Duration  Permanent  Temporary

Proposed Construction Date: From (yyyy-mm-dd): To (yyyy-mm-dd):

Applicant Name Telephone (999-999-9999) Date (yyyy-mm-dd)

**TRANSPORT CANADA ASSESSMENT (Transport Canada use only)**

Marking and lighting required (as per Standard 621)  
 Night Protection  Day Protection  Temporary Lighting  No protection required

Completion of this form does not constitute authorization for construction nor replace other approvals or permits.

Transport Canada Civil Aviation Inspector Name Date (yyyy-mm-dd)

Note 1: This assessment expires 18 months from the date of assessment unless extended, revised, or terminated by the issuing office.

Note 2: If there is a change to the intended installation, a new submittal is required.



## INSTRUCTIONS FOR COMPLETING FORM

**Submittal:** An Aeronautical Assessment Form (AAF) is submitted, If requested by Transport Canada or if there is intent for installation of the following types of construction or alteration, including any appurtenance of more than 12m in height:

- (a) of an overall height that exceeds 90 m AGL at the site;
- (b) of a height that exceeds an airport OIS (obstacle identification surface) or OLS (obstacle limitation surface) as specified in *Aerodrome Standards and Recommended Practices - TP312*;
- (c) for aerodromes (including airports), of a height that exceeds an imaginary surface extending outward and upward at a slope of 2%, from the nearest point of the nearest runway for a horizontal distance of 4500 m and thereafter exceeds a 90m height out to 6km;
- (d) for water aerodromes, as (c) except a slope of 4% with the start of the imaginary surface taken as the GPS location published in the Canada Water Aerodromes Supplement (CWAS);
- (e) for a heliport, of a height that exceeds an imaginary surface extending outward and upward at a slope of 4%, from the nearest point of the nearest landing and takeoff area, for a horizontal distance of 2250 m and thereafter exceeds a 90 m height out to 6 km;
- (f) for catenaries and similar crossings (e.g. bridges), of a height such that any portion of the object exceeds 60 m AGL above the crossed river or valley bottom; or
- (g) on lands affected by an Airport Zoning Regulation (AZR) a legal land survey is required with the submittal proving conformance to the AZR.

Completed applications are to be forwarded to the applicable Transport Canada Regional office listed in Standard 621, Appendix A.

**Nav Canada:** A separate submittal is made to NAV CANADA. Refer NAV CANADA Land Use Program website <http://www.navcanada.ca/EN/products-and-services/Pages/land-use-program.aspx>

**Note:** Transport Canada and NAV CANADA Land Use are notified, if the proposed construction does not take place.

**Geographic Coordinates:** Provide GPS coordinates [in degrees, minutes and seconds] of the object. For extensive objects (e.g. windfarms), provide a separate listing of GPS coordinates for each element of the object (e.g. each windturbine). For buildings, provide coordinates for each corner, and coordinates of the dominant structure on the roof.

**Heights:** Provide height of the ground elevation Above Mean Sea Level (AMSL), the total structure height Above Ground Level (AGL) and the combined overall height AMSL. For extensive obstacles composed of several objects, provide a separate listing of heights corresponding to GPS coordinates.

**Description of Project:**

- (a) Indicate the type of structure. (e.g. antenna, crane, building, power line, landfill, water tank, wind farm, moored balloon, kite, catenary/cable crossing, etc.)
- (b) For catenaries [e.g. electrical power transmission line crossings], include a drawing of the configuration of the wires and the supporting structures with their heights. Indicate the placement of marking/lighting [if used] on the wires.
- (c) For existing structures, explain the reason for notifying Transport Canada (e.g. corrections, request for new assessment, etc.).
- (d) If the object is on lands affected by Airport Zoning Regulations (AZRs), provide a legal land survey indicating conformance to AZR surfaces.
- (e) For a wind farm, include a spreadsheet with individual turbine identification numbers [ID], geographic coordinates [in minutes, degrees and seconds], ground elevation AMSL and the overall height of the object AGL. Identify those windturbines which will have lighting.
- (f) Indicate what obstacle marking, lighting and monitoring will be applied. It is the responsibility of the owner to apply the appropriate lighting/marketing/monitoring in accordance with Standard 621.

**Nearest Aerodrome:** Identify the nearest aerodrome. Certified / registered land aerodromes/heliports are contained in the Canada Flight Supplement (CFS) and certified / registered water aerodromes in the Canada Water Aerodrome Supplement (CWAS); both available directly from NAV CANADA.

This form does not constitute authority for construction. Nor does this form replace any approvals, permits or assessments required by NAV CANADA, Industry Canada, other Federal Government departments, Provincial or Municipal landuse authorities or any other agency from which approval/assessment is required.