

NOTICE OF PROPOSED CONSTRUCTION OR ALTERATION

1- Notice of	☐ New Construction	☐ Alteration	☐ Existing
2- Duration	☐ Permanent		☐ Temporary (Months, Days)
3- Work Schedule Dates	Beginning (/ /)		End (/ /)
4- Structure	☐ Single structure		☐ Multiple structure
5- Type	☐ Antena tower ☐ Crane ☐ Building ☐ Power line ☐ Landfill ☐ Wind turbine ☐ Pole ☐ MET tower ☐ Water tank ☐ Other		
6- Geometry Type	☐ Building Stones ☐ Metals ☐ Clay Products ☐ Gypsum ☐ Lime ☐ Cements ☐ Mineral ☐ Aggregates ☐ Concrete ☐ Timber ☐ Other		
7- Nearest City			Nearest Airport or Heliport
8- Distance from the nearest airport to structure			Direction from nearest airport to structure
9- Description			

10- Geographical Coordinates & Elevation/Height

For multiple structures in a grouping, submit geographical coordinates on a separate spreadsheet and on CD.

No.	Latitude				Longitude				Total Height of Structure (Above Ground Level)		Site (Ground) Elevation (Above Mean Sea Level)	
	Degrees DD	Minutes MM	Seconds SS		Degrees DD	Minutes MM	Seconds SS		METRES	FEET	METRES	FEET
1	°	'	"	N	°	'	"	E				
2	°	'	"	N	°	'	"	E				
3	°	'	"	N	°	'	"	E				
4	°	'	"	N	°	'	"	E				
5	°	'	"	N	°	'	"	E				
6	°	'	"	N	°	'	"	E				
7	°	'	"	N	°	'	"	E				
8	°	'	"	N	°	'	"	E				
9	°	'	"	N	°	'	"	E				
10	°	'	"	N	°	'	"	E				

11-Sponsor (person, company, etc.)

I hereby certify that all of the above statements made by me are true, complete, and correct to the best of my knowledge. In addition, I agree with the terms and conditions.

Name		Date		Stamp
Title		Signature		
Address		Postal Code		
City		Tel		Fax
				Email

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GACA Regulation Part 77

§ 77.13 Form and Time of Notice.

- a) If a person is required to file notice under clause § 77.15, it must fill in and submit to GACA a completed Form "Notice of Proposed Construction or Alteration". This form is available on GACA's website.
- b) The person must submit this notice at least 45 working days before the start date of the proposed construction or alteration or the date an application for a construction permit is filed, whichever is earliest. The person may provide notice to GACA via the nearest airport or via administrative communications in GACA.
- c) If a person proposes construction or alteration that is also subject to the licensing or approval requirements of another Government authority, it must submit notice to GACA on or before the date that the application is filed with the other Government authority. This person is responsible for obtaining such a license or approval from the other Government authority.
- d) If a person proposes construction or alteration to an existing structure that exceeds 500 ft (150 m) in height above ground level (AGL), GACA presumes it to be a hazard to air navigation that results in inefficient use of airspace. The person must include details explaining both why the proposal would not constitute a hazard to air navigation and why it would not cause inefficient use of airspace.
- e) The 45-working-day advance notice requirement is waived if immediate construction or alteration is required because of an emergency involving essential public services, public health, or public safety. A person must submit a notice to GACA within 5 days of the emergency construction or alteration. The person may provide notice to GACA via the nearest airport or via administrative communications in GACA.
- f) A person required to file notice under clause § 77.15 or § 77.17 may file the notice directly to GACA or to a designated obstacle assessor certificated under GACAR Part 183.

§ 77.15 Construction or Alteration Requiring Notice.

- a) If requested by the president, or if a person proposes any of the following types of construction or alteration, it must file notice to GACA of—
 - (1) Any construction or alteration that is more than 150 ft (45 m) AGL at its site.
 - (2) Any construction or alteration that would penetrate the obstacle limitation surfaces (OLS) given in Appendix A for any aerodrome (including heliport) published in the Kingdom of Saudi Arabia (KSA) Aeronautical Information Publication (AIP) or planned aerodrome that is approved by GACA.
 - (3) Any construction or alteration that will be within 10 NM (18.5 km) radius of an aerodrome (including heliport) published in KSA AIP or planned aerodrome that is approved by GACA.
 - (4) Any construction or alteration that would be in an Instrument Flight Procedure area.
 - (5) Any construction or alteration of a structure discharging efflux at a velocity in excess of 4.3 m/s through an obstacle limitation surface of an aerodrome or higher than 200 ft (60 m) AGL.
 - (6) In addition to the below paragraph (7) of this section, any construction or alteration within the boundary of any aerodromes (including heliports) published in KSA AIP and certified under GACA regulation Part 139.
 - (7) Any air navigation facility, aerodrome visual approach or landing aid, aircraft arresting device, or aviation meteorological device, meeting GACA-approved sitting criteria concerning the location and height of which are fixed by its functional purpose.
- b) Type of constructions (not limited to):
 - (1) Power Transmission lines and Cables.
 - (2) Mobile Network Communication Towers/Microwave, Link Towers/TV, Towers/FM Transmission Towers/Com.
 - (3) Buildings, cranes and chimneys.
 - (4) Power Projects, wind turbine generators, Solar Power Modules. (Except solar power modules at the top of building for domestic usage).Highway, railroad, or other traverse way for mobile structures.

GACA contact :

E-mail : oe@gaca.gov.sa

Website: www.gaca.gov.sa

Tel: +966115253683 or +966115253753

NOTICE OF PROPOSED CONSTRUCTION OR ALTERATION

INSTRUCTIONS FOR COMPLETING FORM NOTICE OF PROPOSED CONSTRUCTION OR ALTERATION.

IMPORTANT

1. The requested data must be determined by a specialist engineer.
2. The proponent must send the **original form** after it has been signed and **stamped**.
3. For enquiries, call Tel: **+966115253683 or +966115253753**
4. The evaluation of obstacles and obstructions in the vicinity of airports is **CRITICAL TO AIR SAFETY**. Refer to GACAR Part 77 and provide all information that may assist in proper evaluation.
5. Failure to provide all requested information may delay processing your notice.

ITEM #1. New Construction would be a structure that has not yet been built.

Alteration is a change to an existing structure such as the addition of a side mounted antenna, a change to the marking and lighting or a change to the height. The nature of the alteration shall be included in ITEM #3 "Description".

Existing would be a correction to the latitude and/or longitude, a correction to the height, or if filing on an existing structure which has never been studied by the GACA. The reason for the notice shall be included in ITEM #9 "Description".

ITEM #2. If Permanent, so indicate. If Temporary, such as a crane or drilling derrick, enters the estimated length of time the temporary structure will be up.

ITEM #3. Enter the date that construction is expected to start and the date that construction should be completed.

ITEM #4 indicates if it is single or multiple structure.

Attach additional information as required.

If multiple structure, include all data information listed below in xls. or .csv file format on CD when submitting notification.

ITEM #5 indicates the type of structure. **DO NOT LEAVE BLANK.**

Include sketches, diagrams and/or maps as necessary to depict the location or structures

If multiple structures are included, all data information is listed below in xls. or .csv file format on CD when submitting notification.

ITEM #6 indicates the geometry type of structure. **DO NOT LEAVE BLANK.**

ITEM #7 enters the name of the nearest city to the site. If the structure is or will be in a city, enter the name of that city.

Enter the full name of the nearest aerodrome or heliport to the site.

ITEM #8 Enter the distance from the airport or heliport listed in #7 to the structure.

Enter the direction from the airport or heliport listed in #7 to the structure.

ITEM #9 provides a narrative description of the structure-

1. For overhead wires or transmission lines, include size and configuration of wires and their supporting structures (Attach depiction).
2. For each pole/support, include coordinates, site elevation, and structure height above ground level or water. For buildings, include site orientation, coordinates of each corner, dimensions, and construction materials. For alterations, explain the alteration thoroughly.
3. For a proposed wind farm, include a spreadsheet with Turbine ID, geographic coordinates (in minutes, degrees, seconds and hundreds of seconds), height above ground, and ground elevation
4. For existing structures, thoroughly explain the reason for notifying the GACA (e.g. corrections, no record on file with GACA or previous study, etc.).
5. If available, attach a copy of a documented site survey with the surveyor's certification stating the amount of vertical and horizontal accuracy in feet.

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6. Description of surrounding environment and structures. Provide photographs of the area of intended installation.
7. In the case of cranes that will operate in the vicinity of an aerodrome, the following additional information is required to be provided with any request for construction:
- Type of the crane to be used (fixed, mobile, etc.).
 - Distance from the obstruction to TWY, TAXILANE, apron, aircraft stand, etc.
 - Chart/map indicating the positions of all obstruction (hard and soft copy).
 - The radius in meters of the jib or boom of a fixed crane.
 - The area of the mobile crane's operation.
 - The dates and times of the operation.

Notes:

- Where the design of the crane allows, it must be lowered when not in use or when requested. Where it cannot be lowered, it may be necessary for the jib to be parked in a particular direction when not in use.
 - When required, it can be requested to use a crane that is capable of being lowered.
 - Light must be visible, illuminated at all times from all directions and located on the highest point of the crane/equipment and at the end of the jib.
8. In the case of the construction of a new permanent building within the aerodrome boundary, the following additional information is required to be provided with any request for construction:
- Distance from the obstruction to TWY, TAXILANE, apron, aircraft stand, etc.
 - Chart/map/drawing indicating the positions of all obstructions (hard and soft copy).
 - Materials of the building (concrete, metal, etc...).
 - There is an individual tree with height up to 12m and a group of trees near the construction.
 - Existing of Telephone lines.
 - Existing of power lines (indicate Kv).
 - Existing fences (indicate height).

ITEM #10 Latitude and longitude must be geographic coordinates provided in degrees, minutes and seconds, to within the nearest second or to the nearest hundredth of a second if known or greater resolution if available. For accuracy of the measurement refer to the International Civil Aviation Organization (ICAO) Annex 15 Aeronautical Information Services. For multiple structures in a grouping, submit geographical coordinates on a separate spreadsheet (e.g. windfarms, transmission lines).

Latitude and longitude derived solely from a hand-held GPS instrument is NOT acceptable

Enter the total structure above ground level in meters and feet. The total structure height must include anything mounted on top of the structure, such as antennas, obstruction lights, lightning rods, etc. in addition to the structure itself.

Enter the site/ground elevation above means sea level expressed in meters and feet.

The World Geodetic System — 1984 (WGS-84) must be used as the horizontal (geodetic) reference system for the geographic coordinates.

The Earth Gravitational Model — 1996 (EGM-96) must be used for vertical data.

ITEM #11 includes the name, address, city, postal code, phone number FAX number and email address of the structure's owner who is making application responsible for the installation as well as for the marking and lighting when required.

This form does not constitute authority for construction.

Filing this information with the GACA does not relieve the sponsor of this construction or alteration from complying with any other government rules or regulations.

If the proposed construction does not take place, supplemental notice must be sent to GACA.