

4. Details of the Proposed Structure (Obstacle/Emission)

Date of commencement and completion of construction			
A. Permanent	<input type="checkbox"/>	Temporary	<input type="checkbox"/> (_____ months, _____ days)
B. Distance from nearest aerodrome (Km)			
C. Date of commencement of construction			
D. Date of completion of construction			
Description of Proposal			
A. Obstacle Type; Antenna, Power pylon, Building, Flare stack, crane boom operations; etc			
B. Obstacle Lit or Not? (If so, what type of obstacle lighting?)			
C. Obstacle Marked or Not? (If so, what type of marking?)			
D. Radius of crane boom operations?			
E. Lateral dimensions or position of activity (indicate the radius, width, area or geographical coordinates as required):			
F. Evidence of consultation with other affected airspace users, if any:			
G. Other information pertinent to the activity or event (procedures, support arrangements, expected periphery activity, etc, please attach as necessary)			
Location coordinates and Elevations / Heights			
A. Location (WGS84 coordinate – Lat: DD MM SS.SS, Long: DDD MM SS.SS)			
B. Location/Coordinate: Surveyed, Planned or Estimated? If estimated, from what source (eg, Google Earth, paper chart, etc?)			
C. Elevation of site above mean sea (Metres AMSL – M.mmm)			
D. Maximum height of obstacle above ground level (metres)			
E. Maximum effective height of structure above mean sea level (metres) (E=C+D)			
F. Obstacle Elevation: Surveyed, Planned or Estimated? If estimated, how & by what method?			
Top elevation in relation to surrounding environment			
A. Visibly clear of immediately surrounding environment or not? (Yes or No)			
B. If applicable, height in excess of immediately surrounding environment, if known or to best estimate (Metres)			

Emission Info – if any	
A. Type of emission (eg, flame, gas efflux, other-specify – or N/A)	
B. Max emission height above top of obstacle (Metres)	
C. Max emission height when velocity diminishes to 4.3m/s 99.9% of the time	
D. Max emission height when velocity diminishes to 10.6m/s 99.9% of the time	
E. Other info as considered relevant to CASA PNG determination to be provided on separate sheets as attachments to this application.	

5. Determination by Registered Surveyor

In the case of a new or altered structure, the following action must be taken within five (5) days of the structure achieving its maximum height:

Geographic location of the midpoint of the structure is to be determined by a registered surveyor and furnished either by reference to WGS-84 geographic coordinates, or UTM grid coordinates, with accuracy to the nearest metre. The surveyor shall also provide a determination of the structure’s height and proof of compliance with any marking and/or lighting requirements that may be determined by the Director. Certification by the surveyor is required and shall be at the expense of the applicant.

6. Protection of Navigation Signals

If the proposed structure is, or will be, associated with a transmitter (i.e. one-way radio, two-way radio or TV), a certification is required from /NICTA/Pangtel (or their agent – PNG Air Services Limited) to confirm the following:

- (a) Signal transmission will not interfere with aeronautical VHF or HF communications; and
- (b) Signal transmission will not interfere with GPS satellite navigation/timing signals.

Declaration

This application is made for and on behalf of the organisation identified above. I certify that I am empowered by the organisation to ensure that all activities undertaken by the organisation can be carried out to the standard required by the Authority.

Full name of (nominated) Chief Executive:

Signature of (nominated) Chief Executive:

Date of application:

NOTE:

The provision of false information or failure to disclose information relevant to the grant or holding of an aviation document constitutes an offence under Section 304 of the Civil Aviation Act 2000 and is subject, in the case of a person other than an individual, to a maximum fine of K100, 000.

The completed application, together with any necessary supporting documentation, should be submitted to:

Director/CEO
 Civil Aviation Safety Authority
 P O Box 1941
BOROKO NCD
 Papua New Guinea
 Phone + 675 325 7320 Fax: + 675 325 1919 Email: part77@casapng.gov.pg

OFFICE USE ONLY

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|------------------------|---------------------------------|
| 1 Received By: | 4 Completed By: |
| 2 Date Received: | 5 Certificate Issue Date: |
| 3 Job No: | 6 Receipt No: |