



**Reference:**

CAR 77

**Instructions:**

- a) The CASA PNG Standard Rate hourly charge applies.
- b) For initial issue, or renewal Approvals/Authorisations after lapse or cancellation, the completed application, together with the supporting documentation, should be submitted to:
 

**The Director**  
**Civil Aviation Safety Authority of Papua New Guinea**  
**PO Box 1941,**  
**BOROKO 111**  
**Papua New Guinea**  
[ANS@casapng.gov.pg](mailto:ANS@casapng.gov.pg)
- c) Applications must be received, with all completed information - 90 days before the proposed date of commencement of construction, or alteration except as provided in Rule 77.13(a).
- d) This form is to be used to notify CASA PNG that:  
 A structure that is proposed to be built or altered that is:
  - 60m (200ft) or higher; or
  - Exceed the general tree height by 18m; and
  - Within a Low Flying Zone; or
  - Within an aerodrome/heliport Notification Requirements as outlined in figures A.1 and A.2 of Appendix A of the Civil
- e) Aviation Rules Part 77; or
  - A structure that is proposed to discharge efflux with a velocity in excess of 4.3m per second that:
  - is 60m (200ft) AGL or higher; or
  - discharges through an obstacle limitation surface of an aerodrome.
- f) Use additional sheets such as those included at the end of the form to provide further details and explanations that do not fit in the original sections of the form.

**1. Organisation Details**

(a) Legal name of organisation:			
<i>The certificate will be issued in this name</i>			
(b) Trading or Division name:			
(c) Client No: (if known)			
(d) Postal Address: (Address for Service of Notices Ref Civil Aviation Act Section 48)			
		Email	
	Telephone:		
(e) Business Address: (if different from above)			
		Email	
	Telephone:		
(f) Your reference:	<i>(Order number/contact person or other reference)</i>		

**2. Reason for Application – Mark appropriate box**

New Construction	<input type="checkbox"/>	*Change of Details	<input type="checkbox"/>	Use of structure discharging efflux	<input type="checkbox"/>
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*If "Change of Details" is required, complete all relevant sections where changes are required to be made.*

**3. Questionnaire**

The following questions must be answered for initial issue and for renewal:		Yes*	No
a	Will the proposed structure exceed a height of 60 metres above ground level within 600 metres around the site?	<input type="checkbox"/>	<input type="checkbox"/>
b	Will the proposed structure exceed a height of 18 metres above the general tree height in the vicinity?	<input type="checkbox"/>	<input type="checkbox"/>
c	Will the structure discharge efflux at a velocity in excess of 4.3 metres per second through	<input type="checkbox"/>	<input type="checkbox"/>



	the Obstacle Limitation Surfaces of an aerodrome?		
d	Will the structure discharge efflux at a velocity in excess of 4.3 metres per second to a height of more than 60 metres above ground level?	<input type="checkbox"/>	<input type="checkbox"/>

*\*If the answer to any of these questions is "Yes", please provide details on separate sheets as attachments to this application.*

#### 4. Details of the Proposed Structure

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:

- a) 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 (or their agent – NiuSky Pacific Limited) to confirm the following:

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

### 7. 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](mailto:part77@casapng.gov.pg)

**OFFICE USE ONLY**

1. Received by: \_\_\_\_\_

2. Date Received: \_\_\_\_\_

3. Receipt No: \_\_\_\_\_

4. Job No: \_\_\_\_\_

5. Completed by: \_\_\_\_\_

6. Certificate issue date: \_\_\_\_\_