


<p style="text-align: center;">SOUTH AFRICAN</p>  <p style="text-align: center;">CIVIL AVIATION AUTHORITY</p>	<p>REPUBLIC OF SOUTH AFRICA</p> <p>CIVIL AVIATION AUTHORITY</p>	<p>CAA Private Bag x 73 Halfway House 1685</p>
<p>Tel: (011) 545-1000 Fax: (011) 545-1465 E-Mail: mail@caa.co.za</p>	<p>AERONAUTICAL INFORMATION CIRCULAR</p>	<p>AIC 41-12 06-12-22</p>

AIR NAVIGATION SERVICES

COMMUNICATION

AFI RVSM GMU HEIGHT MONITORING SERVICE

1. Background:

- 1.1 *The AFI Regional Monitoring Agency (ARMA) has contracted the GPS Monitoring Unit (GMU) Height Monitoring services of Aeronautical Radio Inc. (ARINC), who have a proven record in this field, for the provision of a professional Height Monitoring Service within the AFI Region.*
- 1.2 *The results of Height Monitoring test missions have been processed, evaluated and accepted by the ARMA. The AFI GMU Height Monitoring service is now available for operational use to those aircraft requiring height monitoring within the AFI region.*
- 1.3 *The results of height monitoring events conducted on aircraft registered in States belonging to the AFI Region, in other regions and forwarded to the ARMA by those Regional Monitoring Agencies (RMA's) will also be utilized.*

2. Equipment Certification:

- 2.1 *The AFI region has access to three GMU's, which will be utilized for Height Monitoring within the region and all carry certification papers, EASA Form 1, for operation on board aircraft either on the flight deck or within the cabin.*
- 2.2 *It should be noted that GMU Height Monitoring has been operational in other regions for some time and is thus a safe and tested method of gathering Height Monitoring Data. Further to this ARMA will issue to the relevant authorities, on request, a set of the certification papers for reference purposes. Requests for copies of the certification papers should be directed to the ARMA or ARINC either electronically or via fax.*

3. Service Provision:

- 3.1 *Operators requiring Height Monitoring should use the following process, in order to obtain information, secure the service and to plan the event:*
 - (a) *Preferably contact ARINC directly, on email address afirvsm@arinc.com*
 - (b) *If unsure of the process make contact with the ARMA on email address afirma@atns.co.za*
 - (c) *The ARINC Operational Base in Johannesburg will serve as the planning base for the event. The operator will be provided with contact details for the Johannesburg Operational Base when appropriate.*

Note 1: No Height Monitoring results will be released from the Operational Base, as they will only have raw unprocessed data, which will need to be processed at the Gatwick Operational Control Center (OCC). This raw data is of no use to the operator until processed.

Note 2: Operators are requested to refrain from contacting ARINC directly for the outcome of the Height Monitoring flight as ARINC may not release this information.

Note 3: All Height Monitoring results will be forwarded to the ARMA by ARINC and released officially to the applicable operator by the ARMA.



COMMISSIONER FOR CIVIL AVIATION