

GEN 3.6 SEARCH AND RESCUE

1. **RESPONSIBLE AUTHORITY**

- 1.1 Search and Rescue in Brunei Darussalam is provided by the Department of Civil Aviation, Ministry of Transport and Infocommunications, in collaboration with other Government Ministries, departments and other local agencies which have the responsibility for making the necessary facilities available. The postal and telegraphic addresses of the Department of Civil Aviation are given on page GEN 1.1- 1.
- 1.2 The service is provided in accordance with the provisions contained in ICAO Annex 12 – Search and Rescue.

2. **AREA OF RESPONSIBILITY**

- 2.1 The National Rescue Coordination Centre is responsible for SAR operations within Brunei TMA and the Ampa Triangle.

3. **TYPES OF SERVICES**

- 3.1 The following type of search and rescue services are provided utilizing the present available national resources, namely:
- a) Land and /Aeronautical Search and Rescue services within the land territory of Brunei Darussalam.
 - b) Combined Aeronautical / Maritime Search and Rescue services within its inland waters, over its territorial seas and if required could be extended to the high seas adjacent to the territorial waters subject to the operating limitations of Brunei Darussalam surface vessels and aircraft.
 - c) On the basis of bilateral agreements with Malaysia, aeronautical search and rescue service is provided within the lateral boundaries of the Brunei Controlled Airspace and the AMPA triangle.

4. **SAR AGREEMENTS**

- 4.1 No formal facilitation of Entry Agreements exist between Brunei Darussalam and neighboring States, however, facilitation of entry for SAR purposes shall be coordinated and request for entry shall be transmitted via telex or AFTN links when the need arises.

5. **CONDITIONS OF AVAILABILITY**

- 5.1 Brunei Darussalam has no dedicated search and rescue aircraft and vessels. Search and Rescue facilities are available on opportunity basis.
- 5.2 The State of readiness of individual SAR units and alerting procedures are given on the SAR Facilities Table 3.6.3 - Search and Rescue Units.

6. **PROCEDURES AND SIGNALS USED**

6.1 *Procedures and signals used by aircraft*

Detail of the Alerting Procedures is described in Annex 11.

- 6.1.1 Procedures for Pilot-in-Command observing an accident or intercepting a distress call and/or message are outlined in Annex 12, Chapter 5.
- 6.1.2 To avoid interference with SAR operations and to avoid unnecessary collision hazard, pilots not participating in the SAR operations are strongly advised not to fly into or near an area where SAR operations are known to be in progress.

6.1.3 Pilots who consider it necessary to fly in a known area of SAR operations should:

- a) File a flight plan giving times of entering and leaving the area and the height to be flown, ensuring that the National RCC is included among the addresses.
- b) Monitor the VHF International Distress (121.5Mhz) and scene of search (123.1Mhz) when in the vicinity, but avoid transmitting on these frequencies.
- c) Under certain circumstances, a temporary flight restriction zone or SAR operations warning area may be established. This will normally be established by NOTAM.

6.2 **COMMUNICATIONS**

6.2.1 Transmission and reception of distress and urgency messages within the Brunei Search and Rescue Region are handled in accordance with Annex 10 - Vol II, Chapter 5, 5.3.

6.2.2 For communications during SAR operations, the codes and abbreviations published in ICAO Codes and Abbreviations (DOC8400) are used.

6.2.3 The International Distress Frequencies are monitored as follows:

- 2182Khz by Muara Port Radio Station - 24hours
- Marine CH 16 by Muara port Radio Station - 24hours
- 121.5Mhz by Brunei Air Traffic Control Centre - 24hours
- 243.0Mhz by Brunei Air traffic Control Centre

6.2.4 The International Scene of Search Frequencies is to be used by coordinated rescue units as applicable when requested by the National Rescue Coordination Centre.

- 5680/3023.Khz - HF
- 6753Khz - HF
- 123.1 Mhz - VHF (air)
- 156.8Mhz - VHF (Marine)
- 282.8Mhz - UHF

6.2.5 Specific call sign are allocated to units involved in SAR operations coordinated by National RCC. The call signs are as follows:

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| a) | NSARCC | - Brunei Rescue |
| b) | Helicopters | - Rescue Helicopter " plus registration" |
| c) | Fixed wing | - " Rescue " plus registration |
| d) | Marine Craft | - Rescue Boat or Rescue Vessel plus name |
| e) | Land Unit | - " Fireguard" plus number |
| f) | Collective Call sign | - " Rescue Combine " |

6.3 **SEARCH AND RESCUE SIGNALS**

The Search and Rescue Signals to be used are those described in ICAO Annex 12, Chapter 5, para 5.10 . These are shown on GEN 3.6-5