



**Maldives Civil Aviation Authority
Republic of Maldives**

Maldives Civil Aviation Regulations

MCAR- I 3 Search and Rescue

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CHAPTER 1. DEFINITIONS

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CHAPTER 2 - ORGANIZATION

2.1 Search and rescue services

- 2.1.1 Maldives Civil Aviation Authority has delegated the responsibility for establishment and provision of Aeronautical Search and Rescue Services to Maldives Airports Company Ltd and Maritime Search and Rescue Services to MNDF Coast Guard. It should be provided in coordination with other agencies to ensure that assistance is rendered to persons in distress. Such services shall be provided 24-hours.
- 2.1.1.1 Such services shall be provided within the entire Maldivian Territory including territorial waters. Such services shall also be provided over those portions of the high seas or areas of undetermined sovereignty for which responsibility of providing Air Traffic Services has been delegated to Maldives
- 2.1.1.2 Search and rescue services shall include organized available resources, communication facilities and a workforce skilled in coordination and operational functions.
- 2.1.1.3 Search and rescue services shall establish processes to improve service provision, including the aspects of planning, domestic and international cooperative arrangements and training.
- 2.1.2 Assistance to aircraft in distress and to survivors of aircraft accidents shall be provided regardless of the nationality or status of such persons or the circumstances in which such persons are found.
- 2.1.3 Search and rescue services shall use search and rescue units and other available facilities to assist any aircraft or its occupants that are or appear to be in a state of emergency.
- 2.1.4 Coordination between the aeronautical and maritime rescue coordination centres shall be ensured.
- 2.1.5 Maintenance of close cooperation between aeronautical and maritime search and rescue services is desirable.
- 2.1.6 Joint rescue coordination centres may be established to coordinate aeronautical and maritime search and rescue operations, where practical.

2.2 Search and rescue regions

- 2.2.1 Search and rescue regions shall be delineated to provide search and rescue services. Such regions shall not overlap and neighboring regions shall be contiguous.

Note 1.— Search and rescue regions are established to ensure the provision of adequate communication infrastructure, efficient distress alert routing and proper operational coordination to effectively support search and rescue services.

Note 2.— The delineation of search and rescue regions is determined on the basis of technical and operational considerations.

- 2.2.1.1 Search and rescue regions shall, in so far as practicable, be coincident with corresponding flight information regions and, with respect to those areas over the high seas, maritime search and rescue regions.

2.3 Rescue coordination centres and rescue subcentres

- 2.3.1 A rescue coordination centre (RCC) shall be established in each search and rescue region.
- 2.3.2 A rescue coordination centre may be established with an associated search and rescue region that in accordance with regional air navigation agreement, extends over an area greater than its sovereign airspace.
- 2.3.3 Each rescue coordination centre shall be staffed 24 hours a day by trained personnel proficient in the use of the language used for radio-telephony communications.
- 2.3.4 RCC personnel involved in the conduct of radiotelephony communications shall be proficient in the use of the English language.
- 2.3.5 Where public telecommunications facilities does not permit persons observing an aircraft in emergency to notify the rescue coordination centre concerned directly and promptly, shall notify the nearest police station

2.4 Search and rescue communications

- 2.4.1 Each rescue coordination centre shall have means of rapid and reliable two-way communication with:
- a) associated air traffic services units;
 - b) associated rescue subcentres, where provided;
 - c) where appropriate, coastal radio stations capable of alerting and communicating with surface vessels in the region;
 - d) the headquarters of search and rescue units in the region;
 - e) all maritime rescue coordination centres in the region and aeronautical, maritime or joint rescue coordination centres in adjacent regions;
 - f) a designated meteorological office or meteorological watch office;
 - g) search and rescue units;
 - h) alerting posts; and
 - i) the Cospas-Sarsat Mission Control Centre servicing the search and rescue region.
- 2.4.2 Each rescue subcentre, where provided, shall have means of rapid and reliable two-way communication with:
- a) adjacent rescue subcentres;
 - b) MMS or meteorological watch office;
 - c) search and rescue units; and
 - d) alerting posts

2.5 Search and rescue units

- 2.5.1 The following Agencies shall act as Search and Rescue Units to provide assistance to aircraft in distress and to survivors of aircraft accidents promptly.
Aeronautical Rescue Co-ordination Centre (ARCC)
Maritime Rescue Co-ordination Centre (MRCC)
- 2.5.2 Private / Public Agencies that do not qualify as search and rescue units but are nevertheless able to participate in search and rescue operations shall be designated as parts of the search and rescue plan of operation.

2.6 Search and rescue equipment

- 2.6.1 Search and rescue units shall be provided with equipment for locating promptly, and for providing adequate assistance at, the scene of an accident.
- 2.6.2 Each search and rescue unit need to have means of rapid and reliable two-way communication with other search and rescue facilities engaged in the same operation.
- 2.6.3 Each search and rescue aircraft shall be equipped to be able to communicate on the aeronautical distress and on-scene frequencies and on such other frequencies as may be prescribed.
- 2.6.4 Each search and rescue aircraft shall be equipped with a device for homing on distress frequencies.
- 2.6.5 Each search and rescue aircraft, when used for search and rescue over maritime areas, shall be equipped to be able to communicate with vessels.
- 2.6.6 Each search and rescue aircraft, when used for search and rescue over maritime areas shall carry a copy of the International Code of Signals to enable it to overcome language difficulties that may be experienced in communicating with vessels. Search and Rescue signals.
- 2.6.7 Unless it is known that there is no need to provide supplies to survivors by air, at least one of the aircraft participating in a search and rescue operation should carry droppable survival equipment.
- 2.6.8 Survival equipment suitable for dropping by aircraft shall be held by Maritime Search and Rescue unit.

CHAPTER 3 - COOPERATION

3.1 Cooperation between States

- 3.1.1 Search and rescue organizations shall be coordinated with those of neighboring States.
- 3.1.2 Whenever necessary, Rescue and Coordination Centre (RCC) shall coordinate their search and rescue operations with those of neighboring States' RCC especially when these operations are proximate to adjacent search and rescue regions.
 - 3.1.2.1 RCC should, in so far as practicable, develop common search and rescue plans and procedures to facilitate coordination of search and rescue operations with those of neighboring States.
- 3.1.3 Subject to such conditions as may be prescribed, Director may permit entry into its territory of search and rescue units of other States for the purpose of searching for the site of aircraft accidents and rescuing survivors of such accidents.
- 3.1.4 For the purpose of search and rescue, the authorities of the other State who wish their search and rescue units to enter the territory of Maldives shall transmit a request, giving full details of the projected mission and the need for it, to Director.
 - 3.1.4.1 Director shall:
 - acknowledge the receipt of such a request, and
 - as soon as possible, indicate the conditions, if any, under which the projected mission may be undertaken.
- 3.1.5 Organizations delegated with the responsibility of the provision of Search & Rescue Services should enter into agreements with neighboring States to strengthen search and rescue cooperation and coordination, setting forth the conditions for entry of each other's search and rescue units into their respective territories. These agreements should also provide for expediting entry of such units with the least possible formalities.
- 3.1.6 Rescue coordination centres shall:
 - a) request from other rescue coordination centres such assistance, including aircraft, vessels, persons or equipment, as may be needed;
 - b) grant any necessary permission for the entry of such aircraft, vessels, persons or equipment into the territory of Maldives subject to the conditions prescribed by the Chief Executive; and
 - c) make the necessary arrangements with the appropriate customs, immigration or other authorities with a view to expediting such entry.
- 3.1.7 Rescue coordination centres shall make necessary arrangements to provide, when requested, assistance to other rescue coordination centres, including assistance in the form of aircraft, vessels, persons or equipment.
- 3.1.8 Rescue Co-ordination Centres shall make arrangements for joint training exercises involving their search and rescue units, those of other States and operators, in order to promote search and rescue efficiency.
- 3.1.9 Maldives Airports Company Ltd and MNDF Coast Guard shall make arrangements for periodic liaison visits by personnel of their rescue coordination centre and sub-centre to the centres of neighboring States

3.2 Cooperation with other services

- 3.2.1 All aircraft, vessels and local services and facilities which do not form part of the search and rescue organization shall cooperate fully with the latter in search and rescue and extend any possible assistance to the survivors of aircraft accidents.
- 3.2.2 Close coordination shall be maintained between the aeronautical and maritime authorities to provide for the most effective and efficient search and rescue services.
- 3.2.3 Search and rescue services shall cooperate with those responsible for investigating accidents and with those responsible for the care of those who suffered from the accident.
- 3.2.4 To facilitate accident investigation, rescue units should, when practicable, be accompanied by persons qualified in the conduct of aircraft accident investigations.
- 3.2.5 Aeronautical Rescue Coordination Centre is designated as the search and rescue point of contact for the receipt of COSPAS-SARSAT distress data.

3.3 Dissemination of information

- 3.3.1 Information necessary for the entry of search and rescue units of other States into Maldives shall be published in the Aeronautical Information Publication (AIP) of Maldives, or alternately, this information shall be included in Search and Rescue Service Agreements.
- 3.3.2 When such information could benefit the provision of search and rescue services, the organizations responsible should make available, through the rescue coordination centres or other agencies, information regarding their search and rescue plans of operation.
- 3.3.3 The information regarding actions to be taken when there is reason to believe that an aircraft's emergency situation may become cause for public concern or require a general emergency response shall be disseminated to the general public and emergency response authorities, to the extent desirable and practicable.

CHAPTER 4 - PREPARATORY MEASURES

4.1 Preparatory information

- 4.1.1 Each rescue coordination centre shall have readily available at all times up-to-date information concerning the following in respect of its search and rescue region:
- a) search and rescue units, rescue subcentres and alerting posts;
 - b) air traffic services units;
 - c) means of communication that may be used in search and rescue operations;
 - d) addresses and telephone numbers of all operators, or their designated representatives, engaged in operations in the region; and
 - e) any other public and private resources including medical and transportation facilities that are likely to be useful in search and rescue.
- 4.1.2 Each rescue coordination centre need to have readily available all other information of interest to search and rescue, including information regarding:
- a) the locations, call signs, hours of watch, and frequencies of all radio stations likely to be employed in support of search and rescue operations;
 - b) the locations and hours of watch of services keeping radio watch, and the frequencies guarded;
 - c) locations where supplies of droppable emergency and survival equipment are stored; and
 - d) objects which it is known might be mistaken for unlocated or unreported wreckage, particularly if viewed from the air.
- 4.1.3 Each rescue coordination centre should have ready access to information regarding the position, course and speed of ships within such areas that may be able to provide assistance to aircraft in distress and information on how to contact them.

Note.— This information may either be kept in the rescue coordination centres or be readily accessible.

- 4.1.4 Maritime Search and Rescue Unit need to, individually or in cooperation with other States, either establish ship reporting systems in cooperation with maritime authorities or arrange communication links with Amver or regional ship reporting systems to facilitate search and rescue operations at sea.

Note.— Amver is a cooperative international ship reporting system with worldwide coverage that is available for interrogation by all rescue coordination centres. A number of Contracting States also operate regional ship reporting systems.

4.2 Plans of operation

- 4.2.1 Each rescue coordination centre shall prepare detailed plans of operation for the conduct of search and rescue operations within its search and rescue region.
- 4.2.2 Search and rescue plans of operations should be developed jointly with representatives of the operators and other agencies that may assist in providing search and rescue services or benefit from them, taking into account that the number of survivors could be large.
- 4.2.3 The plans of operation shall specify arrangements for the servicing and refueling, to the extent possible, of aircraft, vessels and vehicles employed in search and rescue operations.
- 4.2.4 The search and rescue plans of operation should contain details regarding actions to be taken by those persons engaged in search and rescue, including:

- a) the manner in which search and rescue operations are to be conducted in the search and rescue region;
- b) the use of available communication systems and facilities;
- c) the actions to be taken jointly with other rescue coordination centres;
- d) the methods of alerting en-route aircraft and ships at sea;
- e) the duties and prerogatives of persons assigned to search and rescue;
- f) the possible redeployment of equipment that may be necessitated by meteorological or other conditions;
- g) the methods for obtaining essential information relevant to search and rescue operations, such as weather reports and forecasts, appropriate NOTAM, etc.;
- h) the methods for obtaining, from other rescue coordination centres, such assistance, including aircraft, vessels, persons or equipment, as may be needed;
- i) the methods for assisting distressed aircraft being compelled to ditch to rendezvous with surface craft;
- j) the methods for assisting search and rescue or other aircraft to proceed to aircraft in distress; and
- k) cooperative actions taken in conjunction with air traffic services units and other authorities concerned to assist aircraft known or believed to be subject to unlawful interference.

4.2.5 Search and rescue plans of operation should be integrated with airport emergency plans to provide for rescue services in the vicinity of aerodromes including, for coastal aerodromes, areas of water.

4.3 Search and rescue units

4.3.1 Each search and rescue unit shall:

- a) be cognizant of all parts of the plans of operation prescribed in 4.2 that are necessary for the effective conduct of its duties; and
- b) keep the rescue coordination centre informed of its preparedness.

4.3.2 Each search and rescue unit shall:

- a) maintain in readiness the required number of search and rescue facilities; and
- b) maintain adequate supplies of rations, medical stores, signalling devices and other survival and rescue equipment.

4.4 Training and exercises

To achieve and maintain maximum efficiency in search and rescue, regular training of the search and rescue personnel shall be provided. Appropriate search and rescue exercises shall also be arranged for such personnel.

4.5 Wreckage

Wreckage resulting from aircraft accidents within the entire Maldivian Territory including territorial waters or, in the case of accidents on the high seas or in areas of undetermined sovereignty, falling within the search and rescue region of Maldives shall be removed, obliterated or charted following completion of the accident investigation, if its presence might constitute a hazard or confuse subsequent search and rescue operations.

CHAPTER 5 - OPERATING PROCEDURES

5.1 Information concerning emergencies

- 5.1.1 Any authority or any element of the search and rescue organization having reason to believe that an aircraft is in an emergency shall give immediately all available information to the rescue coordination centre concerned.
- 5.1.2 Rescue coordination centres shall, immediately upon receipt of information concerning aircraft in emergency, evaluate such information and assess the extent of the operation required.
- 5.1.3 When information concerning aircraft in emergency is received from sources other than air traffic services units, the rescue coordination centre shall determine to which emergency phase the situation corresponds and shall apply the procedures applicable to that phase.

5.2 Procedures for rescue coordination centres during emergency phases

- 5.2.1 **Uncertainty phase**
Upon the occurrence of an uncertainty phase, the rescue coordination centre shall cooperate to the utmost with air traffic services units and other appropriate agencies and services in order that incoming reports may be speedily evaluated.
- 5.2.2 **Alert phase**
Upon the occurrence of an alert phase the rescue coordination centre shall immediately alert search and rescue units and initiate any necessary action.
- 5.2.3 **Distress phase**
Upon the occurrence of a distress phase, the rescue coordination centre shall:
 - a) immediately initiate action by search and rescue units in accordance with the appropriate plan of operation;
 - b) ascertain the position of the aircraft, estimate the degree of uncertainty of this position, and, on the basis of this information and the circumstances, determine the extent of the area to be searched;
 - c) notify the operator, where possible, and keep the operator informed of developments;
 - d) notify other rescue coordination centres, the help of which seems likely to be required, or which may be concerned in the operation;
 - e) notify the associated air traffic services unit, when the information on the emergency has been received from another source;
 - f) request at an early stage such aircraft, vessels, coastal stations and other services not specifically included in the appropriate plan of operation and able to assist to:
 - 1) maintain a listening watch for transmissions from the aircraft in distress, survival radio equipment or an Emergency Locator Transmitter (ELT);

Note.— The frequencies for ELTs are 121.5 MHz and 406 MHz.

 - 2) assist the aircraft in distress as far as practicable; and
 - 3) inform the rescue coordination centre of any developments;
 - g) from the information available, draw up a detailed plan of action for the conduct of the search and/or rescue operation required and communicate such plan for the guidance of the authorities immediately directing the conduct of such an operation;

- h) amend as necessary, in the light of evolving circumstances, the detailed plan of action;
- i) notify the appropriate accident investigation authorities; and
- j) notify the State of Registry of the aircraft.

The order in which these actions are described shall be followed unless circumstances dictate otherwise.

5.2.4 Initiation of search and rescue action in respect of an aircraft whose position is unknown
In the event that an emergency phase is declared in respect of an aircraft whose position is unknown and may be in one of two or more search and rescue regions, the following shall apply:

- a) When a rescue coordination centre is notified of the existence of an emergency phase and is unaware of other centres taking appropriate action, it shall assume responsibility for initiating suitable action in accordance with 5.2 and confer with neighboring rescue coordination centres with the objective of designating one rescue coordination centre to assume responsibility forthwith.
- b) Unless otherwise decided by common agreement of the rescue coordination centres concerned, the rescue coordination centre to coordinate search and rescue action shall be the centre responsible for:
 - the region in which the aircraft last reported its position; or
 - the region to which the aircraft was proceeding when its last reported position was on the line separating two search and rescue regions; or
 - the region to which the aircraft was destined when it was not equipped with suitable two-way radio communication or not under obligation to maintain radio communication; or
 - the region in which the distress site is located as identified by the Cospas-Sarsat system.
- c) After declaration of the distress phase, the rescue coordination centre with overall coordination responsibility shall inform all rescue coordination centres that may become involved in the operation of all the circumstances of the emergency and subsequent developments. Likewise, all rescue coordination centres becoming aware of any information pertaining to the emergency shall inform the rescue coordination centre that has overall responsibility.

5.2.5 Passing of information to aircraft in respect of which an emergency phase has been declared.
Whenever applicable, the rescue coordination centre responsible for search and rescue action shall forward to the air traffic services unit serving the flight information region in which the aircraft is operating, information of the search and rescue action initiated, in order that such information can be passed to the aircraft.

5.3 Procedures where responsibility for operations extends to two or more Contracting States

Where the conduct of operations over the entire search and rescue region is the responsibility of more than Maldives alone, each involved State shall take action in accordance with the relevant plan of operations when so requested by the rescue coordination centre of the region.

5.4 Procedures for agencies in the field

The agencies immediately directing the conduct of operations or any part thereof shall:

- a) give instructions to the units under their direction and inform the rescue coordination centre of such instructions; and
- b) keep the rescue coordination centre informed of developments.

5.5 Procedures for rescue coordination centres — termination and suspension of operations

- 5.5.1 Search and rescue operations shall continue until all survivors are delivered to a place of safety or until all reasonable hope of rescuing survivors has passed.
- 5.5.2 The responsible rescue coordination centre shall normally be responsible for determining when to discontinue search and rescue operations.
- 5.5.3 When a search and rescue operation has been successful or when a rescue coordination centre considers, or is informed, that an emergency no longer exists, the emergency phase shall be cancelled, the search and rescue operation shall be terminated and any agency, facility or service that has been activated or notified shall be promptly informed.
- 5.5.4 If a search and rescue operation becomes impracticable and the rescue coordination centre concludes that there might still be survivors, the centre shall temporarily suspend on-scene activities pending further developments and shall promptly inform any agency, facility or service which has been activated or notified. Relevant information subsequently received shall be evaluated and search and rescue operations resumed when justified and practicable.

5.6 Procedures at the scene of an accident

- 5.6.1 When multiple agencies/ facilities are engaged in search and rescue operations on-scene, the rescue coordination centre or rescue subcentre shall designate one or more units on-scene to coordinate all actions to help ensure the safety and effectiveness of air and surface operations, taking into account facility capabilities and operational requirements.
- 5.6.2 When a pilot-in-command observes that either another aircraft or a surface craft is in distress, the pilot shall, if possible and unless considered unreasonable or unnecessary:
 - a) keep the craft in distress in sight until compelled to leave the scene or advised by the rescue coordination centre that it is no longer necessary;
 - b) determine the position of the craft in distress;
 - c) as appropriate, report to the rescue coordination centre or air traffic services unit as much of the following information as possible:
 - type of craft in distress, its identification and condition;
 - its position, expressed in geographical or grid coordinates or in distance and true bearing from a distinctive landmark or from a radio navigation aid;
 - time of observation expressed in hours and minutes Coordinated Universal Time (UTC);
 - number of persons observed;
 - whether persons have been seen to abandon the craft in distress;
 - on-scene weather conditions;
 - apparent physical condition of survivors;
 - apparent best ground access route to the distress site; and

- d) act as instructed by the rescue coordination centre or the air traffic services unit.

- 5.6.2.1 If the first aircraft to reach the scene of an accident is not a search and rescue aircraft, it shall take charge of on-scene activities of all other aircraft subsequently arriving until the first search and rescue aircraft reaches the scene of the accident. If, in the meantime, such aircraft is unable to establish communication with the appropriate rescue coordination centre or air traffic services unit, it shall, by mutual agreement, hand over to an aircraft capable of establishing and maintaining such communications until the arrival of the first search and rescue aircraft.
- 5.6.3 When it is necessary for an aircraft to convey information to survivors or surface rescue units, and two-way communication is not available, it shall, if practicable, drop communication equipment that would enable direct contact to be established, or convey the information by dropping a hard copy message.
- 5.6.4 When a ground signal has been displayed, the aircraft shall indicate whether the signal has been understood or not by the means described in 5.6.3 or, if this is not practicable, by making the appropriate visual signal.
- 5.6.5 When it is necessary for an aircraft to direct a surface craft to the place where an aircraft or surface craft is in distress, the aircraft shall do so by transmitting precise instructions by any means at its disposal. If no radio communication can be established, the aircraft shall make the appropriate visual signal.

5.7 Procedures for a pilot-in-command intercepting a distress transmission

Whenever a distress transmission is intercepted by a pilot-in-command of an aircraft, the pilot shall, if feasible:

- a) acknowledge the distress transmission;
- b) record the position of the craft in distress if given;
- c) take a bearing on the transmission;
- d) inform the appropriate rescue coordination centre or air traffic services unit of the distress transmission, giving all available information; and
- e) at the pilot's discretion, while awaiting instructions, proceed to the position given in the transmission.

5.8 Search and rescue signals

- 5.8.1 The air-to-surface and surface-to-air visual signals in the Appendix shall, when used, have the meaning indicated therein. They shall be used only for the purpose indicated and no other signals likely to be confused with them shall be used.
- 5.8.2 Upon observing any of the signals in the Appendix, aircraft shall take such action as may be required by the interpretation of the signal given in that Appendix.

5.9 Maintenance of records

- 5.9.1 Each rescue coordination centre should keep a record of the operational efficiency of the search and rescue organization in its region.

- 5.9.2 Each rescue coordination centre shall prepare appraisals of actual search and rescue operations in its region. These appraisals shall comprise any pertinent remarks on the procedures used and on the emergency and survival equipment, and any suggestions for improvement of those procedures and equipment. Those appraisals, which are likely to be of interest to other States, should be submitted to ICAO for information and dissemination, as appropriate.

For Maldives Civil Aviation Authority
Hussain Jaleel

CHIEF EXECUTIVE

APPENDIX - SEARCH AND RESCUE SIGNALS

(Note.— See Para 5, 5.8 of this MCAR)

I. Signals with surface craft

I.1 The following manoeuvres performed in sequence by an aircraft mean that the aircraft wishes to direct a surface craft towards an aircraft or a surface craft in distress:

- a) circling the surface craft at least once;
- b) crossing the projected course of the surface craft close ahead at low altitude and:
 - 1) rocking the wings; or
 - 2) opening and closing the throttle; or
 - 3) changing the propeller pitch.
- c) heading in the direction in which the surface craft is to be directed.

Note.— Due to high noise level on board surface craft, the sound signals in 2) and 3) may be less effective than the visual signal in 1) and are regarded as alternative means of attracting attention.

Repetition of such manoeuvres has the same meaning.

I.2 The following manoeuvres by an aircraft means that the assistance of the surface craft to which the signal is directed is no longer required:

- crossing the wake of the surface craft close astern at a low altitude and:
 - 1) rocking the wings; or
 - 2) opening and closing the throttle; or
 - 3) changing the propeller pitch.

Note.— The following replies may be made by surface craft to the signal in I.1:

– for acknowledging receipt of signals:

- 1) the hoisting of the “code pennant” (vertical red and white stripes) close up (meaning understood);*
- 2) the flashing of a succession of “T’s” by signal lamp in the Morse code;*
- 3) the changing of heading to follow the aircraft.*

– for indicating inability to comply:

- 1) the hoisting of the international flag “N” (a blue and white checkered square);*
- 2) the flashing of a succession of “N’s” in the Morse code.*

Note.— See Note following I.1 b), 3).

2. Ground-air visual signal code

2.1 Ground-air visual signal code for use by survivors

No.	Message	Code symbol
1	Require assistance	V
2	Require medical assistance	X
3	No or Negative	N
4	Yes or Affirmative	Y
5	Proceeding in this direction	↑

2.2 Ground-air visual signal code for use by rescue units

No.	Message	Code symbol
1	Operation completed	LLL
2	We have found all personnel	<u>LL</u>
3	We have found only some personnel	++
4	We are not able to continue. Returning to base	XX
5	Have divided into two groups. Each proceeding in direction indicated	↔
6	Information received that aircraft is in this direction	→ →
7	Nothing found. Will continue to search	NN

2.3 Symbols shall be at least 2.5 metres (8 feet) long and shall be made as conspicuous as possible.

Note 1.— Symbols may be formed by any means such as: strips of fabric ,parachute material, pieces of wood, stones or such like material; marking the surface by tramping, or staining with oil.

Note 2.— Attention to the above signals may be attracted by other means such as radio, flares, smoke and reflected light.

3. Air-to-ground signals

3.1 The following signals by aircraft mean that the ground signals have been understood:

- a) during the hours of daylight:
 - by rocking the aircraft's wings;
- b) during the hours of darkness:
 - flashing on and off twice the aircraft's landing lights or, if not so equipped, by switching on and off twice its navigation lights.

3.2 Lack of the above signal indicates that the ground signal is not understood.
