Improving Regional Cooperation in Emergency Training and Response

Submitted by: Russia
Search and Rescue Service of EMERCOM of Russia
The statistics of 2008 in Russia:

**Done:**
- 23,7 thousand Rescue operations

**Involved:**
- 79 th. people
- 22 th. pieces of equipment

**Rescued:**
- 12 thousand people

Central Airmobile Rescue Unit and Special Risk Rescue Operations Center

The rescuers have always been the symbol of EMERCOM of Russia. Today the Rescue and Recovery Service (RRS) of EMERCOM of Russia includes 27 units financed from the Federal budget, 1780 persons in total number. The Central Airmobile Rescue Unit is the first one in Russia. It’s rescuers take part in rescue operations and humanitarian operations both in Russia and abroad.
The mobile hospital of EMERCOM of Russia has received the world’s recognition. The hospital medical personnel, its equipment can be airborne from an airplane to any spot of the earth. Only 15 minutes after landing the hospital is ready to receive the first patients.

Surgeon operations in the hospital
Rescue operations on the roads

Rescue from the ice
Rescue from the debris and fire-fighting

Demolition of the explosives
Rescue in the mountain

Rescue in the water
**Rescue from the mountain cave**

**Fire-fighting**

### Basic characteristics

#### For Fire-fighting use:

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum taking-off weight</td>
<td>37.2 t</td>
</tr>
<tr>
<td>Cruise speed</td>
<td></td>
</tr>
<tr>
<td>- maximum</td>
<td>710 km/h</td>
</tr>
<tr>
<td>- economy</td>
<td>610 km/h</td>
</tr>
<tr>
<td>Operational ceiling</td>
<td>8000 m</td>
</tr>
<tr>
<td>Maximum range with one hour fuel reserve</td>
<td>3600 km</td>
</tr>
<tr>
<td>Take-off distance</td>
<td></td>
</tr>
<tr>
<td>- land</td>
<td>700 m</td>
</tr>
<tr>
<td>- water</td>
<td>1000 m</td>
</tr>
<tr>
<td>Landing distance</td>
<td></td>
</tr>
<tr>
<td>- land</td>
<td>950 m</td>
</tr>
<tr>
<td>- water</td>
<td>1300 m</td>
</tr>
<tr>
<td>Scooping water weight</td>
<td>6-12 t</td>
</tr>
<tr>
<td>Water tanks capacity</td>
<td>12 m³</td>
</tr>
<tr>
<td>Chemical retardant tanks capacity</td>
<td>1.2 m³</td>
</tr>
<tr>
<td>Maximum take-off weight after scooping</td>
<td>43 t</td>
</tr>
</tbody>
</table>

#### Scooping time: 14 sec

- Minimum speed of water dropping: 220 km/h
- Water dropped per one refueling: 270 t
- Sea State: 3
- Maximum wave height: till 1.2 m

#### For passengers use:

- Take-off weight: 42 t
- Range: 1850 km
- Number of seats: 72

#### For cargo use:

- Take-off weight: 42 t
- Range with 6.5 t payload (one hour fuel reserve): 1850 km

#### Cargo cabin dimensions:

- Length: 17 m
- Width: 2.6 m
Humanitarian operations

The earthquake in China, 2008
Training in the system of EMERCOM of Russia

The main disciplines are:

- Emergency and rescue works;
- Fire fighting;
- Medical training;
- Psychological training

Additional professional education:

- Москва, Сыктывкар, Санкт-Петербург, Воронеж, Кострома, Подольск, Краснодар, Астрахань, Волгодонск, Казань, Нижний Новгород, Самара, Саратов, Екатеринбург, Тюмень, Челябинск, Сургут, Барнаул, Красноярск, Кемерово, Новосибирск, Омск, Артем, Хабаровск.
Rescue training centers in Russia

Siberia: База Байкальского поисково-спасательного отряда (п. Никола, Иркутской обл.)

The Caucasus: База Южного регионального поисково-спасательного отряда (п. Красная Поляна, Краснодарского края)

Moscow: База 40 РЦПС 179 Спасательного Центра (г. Ногинск, Московской обл.)

The Black Sea: База Центра водолазной подготовки Туапсинского филиала отряда Центроспас

Vologda: База Северо-Западного регионального поисково-спасательного отряда п. Вытегра, Вологодской области)

You are welcome!