

This document is a translation made by SHK of the original response in Swedish to the safety recommendation. In case of discrepancies between this translation and the Swedish original text, the Swedish text shall prevail in the interpretation of the response.

Swedish Accident Investigation Authority

The measures taken in response to the recommendation in SHK's Final report RL 2016:11; Accident in Oajevágge, Norrbotten County on 8 January 2016 involving the aeroplane SE-DUX of the model CL-600-2B19, operated by West Atlantic Sweden AB, file no. L-01/16

The Swedish Maritime Administration has reported a number of implemented/identified measures in its referral response of 28 November 2016. Please refer to this response for further information. These measures previously reported on are supplemented as follows.

The Swedish Maritime Administration's measures in response to SHK's safety recommendations

1. Recommendation

Develop the coordination between the sea and air rescue coordination centre (JRCC) and concerned air traffic control units (including ATCC) so that air traffic control units' staff becomes familiar with which facts and other information they may need to assist JRCC. (RL 2016:11 R11)

1.1 Measures

In accordance with Chapter 3, Section 2 of the *Swedish Transport Agency's regulations and general advice on alerting services and air rescue services* (TSFS 2015:51), air traffic control units shall assist JRCC with "the collection of facts and other information of importance". In accordance with Chapter 5, Section 5 of the aforementioned regulation, air traffic control units must be able to provide "information in accordance with the fact boxes in appendices 3-6 of these regulations". The checklists in appendices 3-6 clearly show what type of information should be communicated to JRCC.

JRCC regularly holds SAR seminars (the next is in April 2017) with air traffic control units, where it will provide a reminder and clarification of the

Date
13/03/2017

Our reference
16-00165

air traffic control unit's undertaking in accordance with the requirements in TSFS 2015:51.

2. Recommendation

Ensure that rescue commanders and assistant rescue commanders are given regular training and exercising in staff work with collaborators from other authorities responsible for rescue services and organisations in JRCC. (RL 2016:11 R12)

2.1 Measures

JRCC has produced new training material with a focus on air rescue in a mountainous environment, with the aim of increasing the competence among rescue commanders

JRCC has held training days and exercises with a focus on air rescue in a mountainous environment for all rescue commanders

JRCC has had a lecture by the police's national coordinator for mountain rescue at APT

JRCC has produced a new instruction "Information sharing/assignment parallelity" with the aim of further improving collaboration between the Swedish Maritime Administration and the parties involved in the rescue operation in question

A large-scale collaboration exercise for air rescue in a mountainous environment has been conducted with all rescue commanders in February 2017 together with the police, among other parties.

Staff exercises with a collaborator will be conducted through the "Samverkan i Väst" [Collaboration in the West] concept during the period 2017-2019.

Regular training and exercises are included in all rescue commanders' annual competence development plan.

3. Recommendation

Produce a basis for, and perform, training and exercising in searching in a mountainous environment for SAR crews maintaining preparedness in a mountainous environment in both daylight and darkness. (RL 2016:11 R13)

3.1 Measures

Date
13/03/2017

Our reference
16-00165

In 2017, training/exercises are being conducted in mountainous environments during weeks 3 to 12 in accordance with the following established training plans (see also attachments):

- OM-D 2.1.9 MFT Pilot
- OM-D 2.3.7 MFT TC (to be introduced in revision 2)
- Syllabus MFT Pilot – OM-D 5.16
- Syllabus MFT TC – OM-D 5.17 (to be introduced in revision 2)

A memo has been produced for continued development of mountain exercise capability; see attached memo “Development of mountain capability SAR, step 2”

4. Recommendation

Review procedures so as to minimise the time for preparations ahead of take-offs with SAR helicopters. (RL 2016:11 R14)

4.1 Measures

New procedures have been introduced in SMA Operations Manual B Crew duties pages 2-39, 2.3.2, Rev 2, 01/08/2016; see the attached manual