



LMAS 09.30-3 Annex C

NOTICE TO AIRMEN (NOTAM)

Responsible Local entity:

Sahrawi Mine Action Coordination Office - SMACO

Contact: (00213) 673662211

Gaici Nah operations@smaco-ws.com

Rabouni Algeria

Note:

This document is current at the date shown on this page. The Local Mine Action Standards (LMAS) are subject to regular revision, so users should ensure that they are using the latest version of each document in the standards. The most recent versions of LMAS are available with SMACO office of Rabouni.

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This document has been written with reference to the International Mine Action Standards (IMAS) and International Ammunition Technical Guidelines 01.80

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Introduction

The Mine Action Organisation is responsible for ensuring that adequate safety measures are applied when conducting demolitions, which are to be detailed in their Standard Operations Procedures (SOP) for approval by the Sahrawi Mine Action Coordination Office (SMACO).

It is the responsibility of the organization carrying out demolitions to inform and coordinate their activities with the United Nations Mine Action Service (UNMAS) MINURSO, as well as local authorities.

Whenever organisations are using explosive demolitions, for any reason, they are to inform UNMAS.

Notice to Air Movement (NOTAM) is required to be prepared and send whenever organisations are planning to conduct demolitions.

Note To Air Movement - NOTAM

NOTAM is required by MINURSO's Air Authorities in order to warn aviators of the use of explosives in any area, so that these areas are not over-flown during demolition operations.

All NOTAM are to be submitted directly to the UNMAS for approval, with a copy to MINURSO Air Ops.

2.1 Safety distances are calculated in accordance with [International Ammunition Technical Guidelines \(IATG\) 01.80](#).

2.2 The following details are required:

- a) Date of NOTAM submitted to UNMAS.
- b) Planned date of Demolition.
- c) Planned time of Demolition.
- d) Location of Demolition. This is to be coordinates (Latitude and Longitude), taken by handheld GPS, with error margin maximum of 5 meters.
- e) Net Explosive Quantity. It should be sum of explosive contained in Explosive Ordnance (EO) and explosive donor charge.
- f) Safety distances:

Vertical hazard.

Formula to calculate for single ammunition item only: $R = 314 \times \sqrt[3]{AUW}$

For multi-item fragmenting munitions: $R = 470 \times \sqrt[5]{AUW}$.

For vertical hazard distance is to be reported in meters.

Horizontal hazard.

Formula to calculate is:

For fragmenting munitions when public access is denied to the demolition range area:

$R = 444 \times \sqrt[6]{AUW}$.

For bare exposed explosive only:

Distance = $\sqrt[3]{130(AUW)}$

Where: R = Range (m) and AUW = All Up Weight of Demolition (kg).

For horizontal hazard distance is to be reported in meters.

- g) Name and surname of officer-in-charge of demolition.
- h) Additional information. Following information to be included; type of EO's, number of EO's, method to be used for demolition, ID number of the task, etc.

- i) Radio call-signs for officer-in-charge of demolition and team. VHF and HF channels with frequencies.
- j) Satellite phone number and email address for officer-in-charge of demolition.
- k) Name and surname of staff submitting NOTAM.

NOTAMs to be forwarded directly to the UNMAS by the organisations, requesting clearance, at least two working days prior to the planned time for explosive demolition.

UNMAS staff to verify all information provided in the NOTAM, sign and forward to MINURSO Air Ops.

Normal safety precautions are to be taken whenever explosive destruction of any item of ordnance is carried out. These safety precautions are to include visual inspection of the airspace above and around the demolition area for a distance of minimum 200 meters.

If demolition of explosive charges or explosive destruction of ordnance is carried out within 10 kilometres from airport, the organization, carrying out explosive demolition, should also contact the UN team site directly and provide NOTAM to duty room.