

Hungarian Special Operation - Letter Of Agreement (SO LOA)

EFFECTIVE: March 13, 2019

SUBJECT: SO Letter of Agreement (LOA) management of Hungarian Division (HU Div)

1. PURPOSE

This Agreement establishes responsibilities and describes procedures for Special Operations between IVAO HU and IVAO SO Department.

2. SCOPE

If you want to fly with a military aircraft and/or military flight plan within Hungary, please observe the following rules. These are the local national rules and regulation, what are additional above the general IVAO SOD rules and regulation.

3. TERMS AND DEFINITIONS

- GAT - General Air Traffic
- OAT - Operational Air Traffic
- SAR - Search and Rescue
- TRA - Temporary Restricted Airspace
- MTMA - Military Terminal Manoeuvring Area

4. PROCEDURES

4.1. GAT Flights:

You may cross the Hungarian Airspace with military aircraft without prior permission.

You may even land on a civil airport/airfield or military airbase. All under the premise that as GAT (unarmed and without dangerous goods) you comply with the civil procedures. It means normal VFR or IFR flightplan even with "M"-Military remark in the Flight Plan.

4.2. OAT Flights:

If you want to perform OAT (CAT "A" operation) in Hungary, you can do it with the following conditions:

- If you are participating official HQ-SOD approved or HU divisional SO event
- If you are participating HQ-SOD Worldtour or Hungarian SO Tour, to respect all SO Tour R&R.
- In any other cases, perform SO operation what belongs to CAT "A" - "E", you need written approval in advance (minimum 3 days before your activity) from the HU-SOC or/and HU-DIR. Perform any OAT operation without HU SO approval is strictly prohibited.

4.3. OAT activity by Hungrion SO pilots in the Hungarian Airspace:

If you are member of the Hunagrion Division, then you can perform CAT A operation based on the Hungarian Special Operation Manual (2019 edition).

- You can perform the following operations even without ATC: firefighting, police, lifeliners, SAR (search and rescue), medical and casualty evacuation, VIP flights (with possible escort), humanitarian operations, logistical (transport) operations, formation flights, low-level flights, tactical transport, basic fighter maneuvers (BFM)
- To perform the following CAT "A" operations, Mil ATC covering and support is mandatory: air-to-air refueling, AWACS operations, combat air patrol (CAP), practice intercepts (PIs)
- To perform CAT B, D or E operations, you need HU-SO written approval in advance and MIL ATC coverage by HU-SO approved ATC.

4.4. OAT activity for Hungarian SO Pilots outside of the Hungarian Airspace:

If a Hungarian SO pilot would like to perform any OAT activity outside of the Hunagrion airspace (even a simple SAR activity), he/she need to chek the related divisions SO LOA and based on it, it is mandatory to request approval from the related divisional or HQ SOD prior the flight activity. Without common LOA agreement and special approval from the local division, OAT activity is strickly prohibited.

Based on the HQ-SOD R&R GAT traffic is allowed with military aircarft in most of the divisions, but if you have any doubt, please check the local SO LOA.

5. AIRSPACE

5.1. TRA (Temporary Restricted Airspace)

There are 3 reservable TRAs (TRA 1-2-3) in the Hungarian Airspace, those are usually used during special cases or events. A TRA is active only under Mil ATC coverage. There is no predefined altutides levels and speed limit for TRA, the actual Mil ATC should defines these parameters.

5.2. MTMA (Militray Terminal Manoeuvring Area)

Also there are 4 MTMA, these are active even without further ATC service with the following restrictions:

- **Kecskemét MTMA:** FL145/2000'
- **Szolnok MTMA:** 7500'/2000' (*helicopters*)
- **Taszár MTMA:** FL145/2000'
- **Pápa MTMA:** FL145/2000'

The following rules are valid for the MTMAs:

- Between this altutide ranges in the MTMAs; highspeed, supersonic and low level flights is approved.
- Below 2000 feet is reserved for civil VFR flight, and above FL 145 is reserved for civil IFR flight.
- If an MTMA has no ATC service, then military trafic has priority against civilian traffic.
- Under ATC, certainly the ATC can define different altitude and speed limits. In this case, the civil ATC and the Mil ATC should provide separation for the GAT and OAT traffic.

5.3. Outside of TRA and MTMA:

- Speed limit is max. 250 Kias in the CTR zona and in the LHBP_APP.
- With ATC approval below FL400 the max speed is 0.9 Mach.
- Supersonicspeed just in case of IFR flight and above FL400 is possible. The TRA/MTMA zona is an exception for this speed restriction.
- Active ATC can override these restrictions.

6. MILITARY AIRFIELDS

- LHKE - Kecskemet - Titan Base - rwy 12/20 -mainly for fighters and trainers
- LHSN- Szolnok - Opera Base - rwy - mainly for helicopters and SAR operation
- LHPA - Papa - Parduc Base - rwy 16/34 - mainly for transport
- LHZA- Taszar - Kaland Base - rwy 16/34 - multifunctional base

7. Military Transponder Codes: 0601 - 0677

If you have any question or some point is not clear, please contact the HU-SOC about clarification.

Have a nice flight in Hungary !

**Gabor Szentesi
HU-SOC**