



Letter of Agreement (LOA)



ATC OPERATIONS DEPARTMENT
IVAO IRAN

Between Tehran FIR (OIIX) and Neighboring FIRs

Provided by: Iran ATC Operation Department



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1. Purpose

The purpose of this LOA is to establish standardized procedures for the coordination of flights between Tehran FIR (OIIX) and neighboring FIRs. It ensures that aircraft transitioning between FIRs follow agreed-upon routes and altitudes, minimizing conflicts and ensuring smooth operations.

2. General Provisions

- Transfer of communication: Controllers must initiate the handoff 10 NM before FIR boundaries or 2000 ft vertical transition.
- Transfer of control: Transfer occurs at the FIR boundary unless coordinated otherwise.
- Minimum separation: Horizontal separation of 10 NM or 1000 ft vertically must be maintained.
- RNAV-equipped aircraft must follow designated STARs and SIDs where applicable.
- Coordination is required for any deviations in flight levels or routes.

3. Airspace Coordination

The altitudes mentioned below apply specifically to aircraft requesting descent when entering or exiting Tehran FIR (OIIX). Cruising aircraft will maintain their assigned levels as per coordination and are not affected by these altitude restrictions.

This document must always be followed under all circumstances, regardless of whether the Tehran radar is operational or not, and regardless of whether there is an event or not.



3.1 Flights from Tehran FIR (OIIX) to Neighboring FIRs

Azerbaijan – Baku FIR (UBBA)

| Fix | Crossing Altitude | Remarks |
|-------|-------------------|--------------------------------------|
| BATEV | Cruising Level | NIL |
| PARSU | FL220 | NIL |
| LALDA | At or Above FL240 | NIL |
| ULDUS | Cruising Level | Transiting |
| DULAV | FL200 | When Aircraft is Flying to Nakchivan |

Armenia – Yerevan FIR (UDDD)

| Fix | Crossing Altitude | Remarks |
|-------|-------------------|---------|
| MAGRI | Cruising Level | NIL |

Turkiye – Ankara FIR (LTAA)

| Fix | Crossing Altitude | Remarks |
|-------|-------------------|--|
| DASIS | Cruising Level | Airports in Eastern Turkiye Traffics: FL240 |
| ALRAM | Cruising Level | Airports in Eastern Turkiye Traffics: FL240 |
| TESVA | Cruising Level | |

Iraq – Baghdad FIR (ORBB)

| Fix | Crossing Altitude | Remarks |
|-------|-------------------|---------------------------|
| RAGET | At or Above FL240 | NIL |
| BOXIX | At or Below FL240 | Airports in Northern Iraq |



Kuwait – Kuwait FIR (OKAC)

| Fix | Crossing Altitude | Remarks |
|-------|-------------------|---------|
| TULAX | FL200 | NIL |
| NANPI | FL200 | NIL |

Bahrain – Bahrain FIR (OBBS)

| Fix | Crossing Altitude | Remarks |
|-------|-------------------|----------------------|
| ALSER | FL180 | For Bahrain Airports |
| MIDSI | FL200 | For Qatar Airports |

UAE – UAE FIR (OMAE)

| Fix | Crossing Altitude | Remarks |
|-------|-------------------|---|
| SIR | Cruising Level | Transiting |
| ORSAR | FL250 | OIBK Traffics: At or Above 13000 ft |
| PATAT | FL200 | OIKB/OIKQ Traffics: At or Above 11000ft |

Oman – Muscat FIR (OOMM)

| Fix | Crossing Altitude | Remarks |
|-------|-------------------|---------|
| MESPO | FL290 | NIL |

Pakistan – Karachi FIR (OPKR)

| Fix | Crossing Altitude | Remarks |
|-------|-------------------|------------|
| DERBO | Cruising Level | Transiting |
| KEBUD | Cruising Level | NIL |
| ASVIB | Cruising Level | Transiting |



Afghanistan – Kabul FIR (OAKX)

| Fix | Crossing Altitude | Remarks |
|-------|-------------------|-------------------------|
| PIRAN | Cruising Level | Transiting |
| PAMTU | Cruising Level | OAGR: At or Above FL160 |
| RANRU | Cruising Level | Transiting |
| SOKAM | Cruising Level | Transiting |
| KAMAR | Cruising Level | OAFR: At or Above FL160 |

Turkmenistan – Ashgabat FIR (UTAA)

| Fix | Crossing Altitude | Remarks |
|-------|-------------------|-------------|
| RIKOP | Cruising Level | UTAA: FL170 |
| NAZAR | Cruising Level | Transiting |
| SOMAD | Cruising Level | Transiting |
| ORPAB | Cruising Level | UTAA: FL170 |



3.2 Flights from Neighboring FIRs to Tehran FIR (OIIX)

Azerbaijan – Baku FIR (UBBA)

| Fix | Crossing Altitude | Remarks |
|-------|-------------------|------------|
| BATEV | Cruising Level | NIL |
| LALDA | At or above FL250 | NIL |
| ULDUS | Cruising Level | Transiting |

Armenia – Yerevan FIR (UDDD)

| Fix | Crossing Altitude | Remarks |
|-------|-------------------|---------|
| MAGRI | Cruising Level | NIL |

Turkey – Ankara FIR (LTAA)

| Fix | Crossing Altitude | Remarks |
|-------|-------------------|--|
| AGINA | Cruising Level | Transiting |
| LUMOM | Cruising Level | Airports in Eastern Turkiye Traffics: At or above FL250 |
| BONAM | Cruising Level | Airports in Eastern Turkiye Traffics: At or above FL240 |

Iraq – Baghdad FIR (ORBB)

| Fix | Crossing Altitude | Remarks |
|-------|-------------------|---------|
| PAXAT | Cruising Level | NIL |
| BOXIX | Cruising Level | NIL |

Kuwait – Kuwait FIR (OKAC)

| Fix | Crossing Altitude | Remarks |
|-------|-------------------|---------|
| TULAX | FL230 | NIL |
| NANPI | FL270 | NIL |



Bahrain – Bahrain FIR (OB BB)

| Fix | Crossing Altitude | Remarks |
|-------|-------------------|---------|
| RAGAS | FL190 | Qatar |
| OBTAR | FL170 | Bahrain |

UAE – UAE FIR (O MAE)

| Fix | Crossing Altitude | Remarks |
|-------|-------------------|--------------------------------|
| GABKO | FL170 | OIKB/OIKQ Traffics: 11000ft |

Oman – Muscat FIR (O OMM)

| Fix | Crossing Altitude | Remarks |
|-------|-------------------|---------|
| MESPO | Cruising Level | NIL |

Pakistan – Karachi FIR (O PKR)

| Fix | Crossing Altitude | Remarks |
|-------|-------------------|------------|
| DERBO | Cruising Level | Transiting |
| KEBUD | Cruising Level | NIL |
| ASVIB | Cruising Level | Transiting |

Afghanistan – Kabul FIR (O AKX)

| Fix | Crossing Altitude | Remarks |
|-------|-------------------|--------------------------|
| PAMTU | Cruising Level | O AHR: At or Above FL160 |
| PIRAN | Cruising Level | Transiting |
| RANRU | Cruising Level | Transiting |



Turkmenistan – Ashgabat FIR (UTAA)

| Fix | Crossing Altitude | Remarks |
|-------|-------------------|-------------|
| RIKOP | Cruising Level | UTAA: FL180 |
| NAZAR | Cruising Level | Transiting |
| SOMAD | Cruising Level | Transiting |
| ORPAB | Cruising Level | UTAA: FL180 |



4. Special Procedures and Contingency Plans

In the event of unusual or emergency situations, the following procedures will be applied to ensure safety and continuity of service:

- **Weather-related diversions**: All affected aircraft will be rerouted to the nearest alternate FIRs. Controllers must initiate coordination with adjacent FIRs immediately.
- **Loss of communication (COM loss)**: In case of communication failure, the standard ICAO procedures for lost communication will be followed. Adjacent FIRs will be informed and contingency routing shall be initiated.

If you have any questions or problems, you can contact the following email:

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On behalf of ATC Operations Department - Iran