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ARMATS

**ARMENIAN AIR TRAFFIC SERVICES
AERONAUTICAL INFORMATION SERVICES**

AIC

A 04/19

23 MAY 2019

**REPUBLIC OF ARMENIA
CIVIL AVIATION COMMITTEE**

THE PRESENT CIRCULAR CONTAINS INFORMATION CONCERNING INTRODUCTION OF SOUTH CAUCASUS CROSS BORDER FREE ROUTE AIRSPACE OPERATIONS WITHIN YEREVAN FIR AND TBILISI FIR (FRASC).

AIC Effective date 23 MAY 2019.

This AIC cancels AIC A 04/18.

Purpose

The purpose of this AIC is to provide:

- notification to Aircraft Operators (AOs) concerning the introduction of FRASC;
- background information on the introduction of FRASC.

Introduction

FRASC concept builds on common FRASC implementation CONOPS and will represent a further step in optimizing flight operations in a large volume of airspace and will provide operational, environmental and cost benefits.

In the FRASC, AOs will be able to plan flight user preferred trajectories in the applicable area and thereby will obtain benefits from planning and execution of flights. The FRASC will also increase the compatibility between the flight plan and the trajectory flown, hence increasing the predictability for a given flight.

Lateral limits

The application of FRASC Cross-border concept will encompass the horizontal boundaries of Yerevan FIR and Tbilisi FIR in its full extent as it published in AIP Armenia and Georgia, ENR 2.1;

Vertical limits

The FRASC vertical limits will be:

Yerevan FIR and Tbilisi FIR: FL195 - FL660;

Applicability Period

The FRASC applicability is planned H24;

Navigation Performance

There will be no change in required navigation performance. The existing ATS route network in Yerevan FIR and Tbilisi FIR will be retained.

Eligible Flights

All overflying, arriving, departing aircraft that plan at least a portion of their route within the limits of FRASC (time, lateral and vertical) will be eligible for FRASC operation.

Cross-border flights are allowed only between Yerevan FIR and Tbilisi FIR.

Flights arriving to or departing from Yerevan FIR airports will transit to and from Free Route Airspace only via published FRA Arrival and Departure connecting points.

Flight Planning Procedures

Segments between FRASC Horizontal Entry (E), Intermediate (I), Arrival (A), Departures (D) and Horizontal Exit (X) points shall be indicated by DCT in Item 15: Route of the flight plan in accordance with ICAO Doc 4444.

Example: [Entry Point] DCT [Intermediate point] DCT [Intermediate point] DCT [Exit Point]. There will be no limitations on the DCT segments length.

FRASC Intermediate point could be an en-route radio navigation aid or defined 5LNC as published in ENR 4.1 / ENR 4.4 respectively in State AIP. The FRA relevance of such points shall be included in relevant columns as (I).

The use of unpublished FRA Intermediate points defined by geographical coordinates or bearing and distance are not allowed.

Existing FRA Horizontal Entry (E) and/or FRA Horizontal Exit (X) points on common border between Yerevan FIR and Tbilisi FIR will be transformed into FRA Intermediate points and will not be considered as mandatory for flight planning.

Implementation

Implementation is planned at 07th of November 2019.

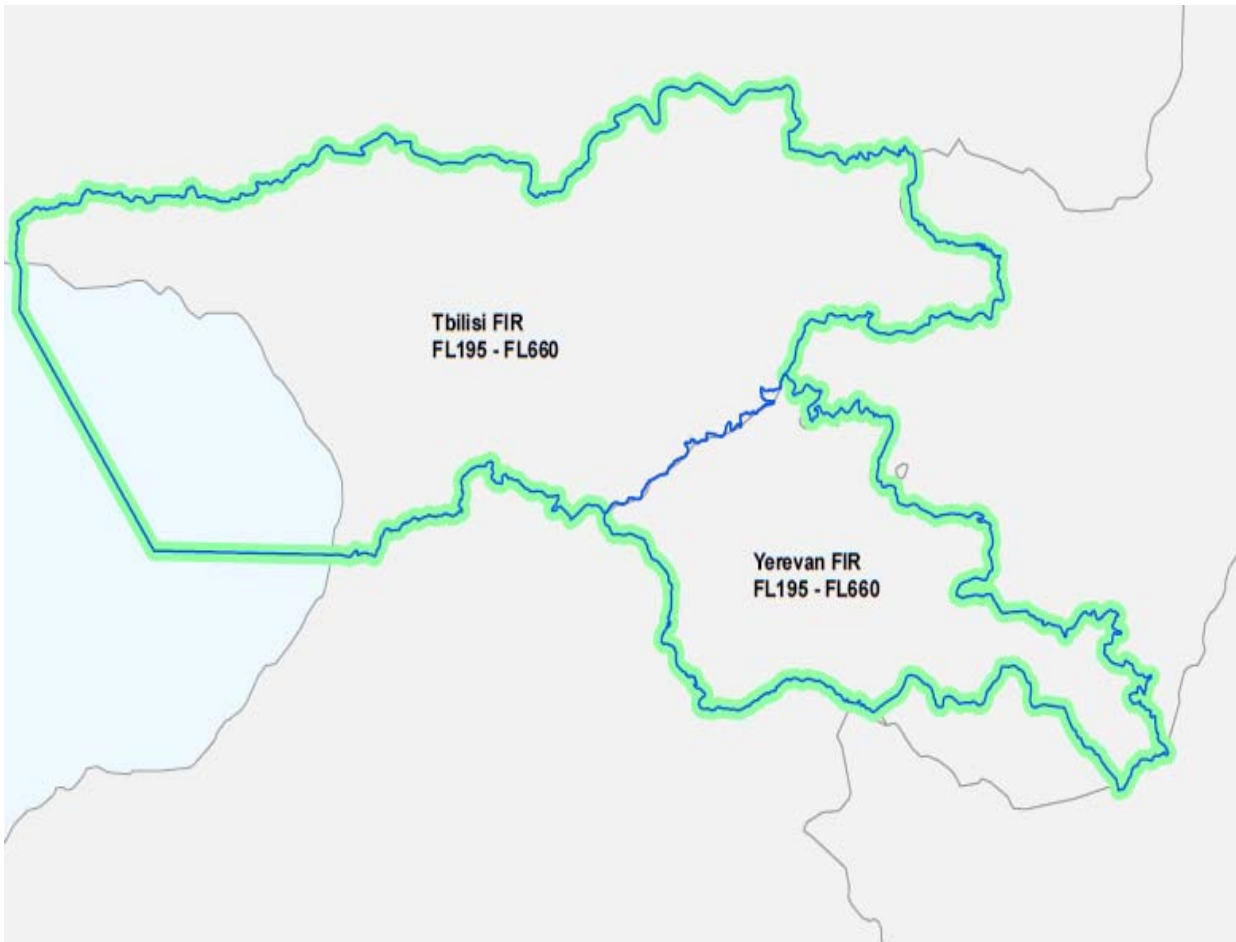
Further Information

Further information regarding FRASC will be available from ARMATS CJSC and Sakraeronavigatsia.LTD. AIP changes will be published according to AIRAC procedures.

Contact Details

For further information concerning this AIC and the FRASC you may contact:

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