

GEN 1.5 Aircraft instruments, equipment, and flight documents	GEN 1.5 Авионски инструменти, опрема и летачки документи
<p>1.5.1 General</p> <p>1.5.1.1 Commercial air transport aircraft operating in the Skopje FIR must adhere to the general provisions of Annex 6 (Operation of aircraft) Part 1, Chapter 6 Aeroplane Instruments, Equipment and Flight Documents, and Chapter 7 - Aeroplane Communication and Navigation Equipment.</p> <p>Aircraft, other than state aircraft, operating on the ATS routes within Skopje FIR shall be equipped with, as a minimum, RNAV equipment meeting the Required Navigation Performance (RNP) 5 in accordance with the requirements set out in DOC 7030 Regional Supplementary Procedures (EUR RAC Section 14).</p> <p>Acceptable means of compliance are set in the JAA Technical Guidance Leaflet No. 2 rev. 1.</p> <p>1.5.1.2 Only RVSM approved aircraft and non-RVSM approved State aircraft shall be permitted to operate within the EUR RVSM airspace.</p> <p>RVSM approved aircraft are those aircraft for which the Operator has obtained an RVSM approval, either from the State in which the operator is based, or from the State in which the aircraft is registered.</p> <p>Guidance material on the airworthiness, continued airworthiness and the operational practices and procedures for the EUR RVSM airspace is provided in the Joint Aviation Authorities (JAA) Temporary Guidance Leaflet (TGL) Number 6, Revision 1, and the ICAO EUR Regional Supplementary Procedures (Doc. 7030/4-EUR).</p> <p>Except for State aircraft, RVSM approval is required for aircraft to operate in the RVSM airspace within the Skopje FIR in ENR 2.1.</p>	<p>1.5.1 Општо</p> <p>1.5.1.1</p> <p>1.5.1.2</p>
<p>1.5.2 Radio equipment</p> <p>1.5.2.1 IFR Flights</p> <p>For IFR flights the following aircraft radio equipment is required:</p> <ul style="list-style-type: none"> a. VHF communications transmitter/receiver covering frequency band 118-137 MHz. b. The aircraft used for public transport and transport private shall be equipped with two aids from item a), i.e. duplicated transmitter/receiver. 	<p>1.5.2 Радио опрема</p> <p>a.</p> <p>б.</p>

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| c. An aircraft flying within an aerodrome zone only, shall be equipped with VHF communications transmitter/receiver covering the frequency of the relevant ATC unit. | ц. |
| d. One secondary surveillance radar transponder | д. |
| e. One DME interrogator, with the exception that a general aviation aircraft not engaged in any commercial air transport operation and operating below 3.800 M (FL 125) may be exempted from such requirement. | е. |
| f. One ILS localizer and one glide path indicator | ф. |
| g. Marker receiver having visual and audio indication of MKR beacon signals | г. |
| h. One VOR receivers. | х. |
| i. One direction finder receiver (ADF), having a direction indicator and audio indications of the transmitter on the ground. | и. |

1.5.2.2 VFR Flights

1.5.2.1

1.5.2.2.1 For VFR flight in Class C airspace, the requirements from items 1.5.2.1 a, c, d, i and j or k are applied (i.e. VHF communications transmitter/receiver, SSR transponder and VOR or ADF receiver).

1.5.2.1.1

1.5.2.2.2 For VFR flights in other than Class C, airspace VHF communications transmitter/receiver equipment (item 1.5.2.1 a, c) is required.

1.5.2.1.2

1.5.2.3 As required by ICAO SUPPS DOC 7030/4 EUR/RAC Chapter 4.0 on "Air-ground Communications and In-Flight Reporting", the carriage and operation of 8.33 kHz. channel spacing radio equipment is mandatory throughout the ICAO Region (as of 15th March 2007) for aircraft operating above FL 195.

Exemptions from mandatory carriage of 8.33 equipment are described in section ENR 1.8.

Non-equipped aircraft which are flight planned to enter any FIR/UIR in the EUR Region where no exemption has been published, except for UHF equipped State aircraft, (refer to the AIP of the State covering the FIR/UIR concerned) must flight plan to operate below FL 195 throughout to entire EUR Region

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1.5.3 Special Equipment to be carried**1.5.3**

1.5.3.1 Emergency radio equipment (ELBA) shall be carried for all operations within the Skopje FIR, capable of operation on frequencies 121.5 MHz and 243 MHz. When possible all aircraft shall monitor these frequencies, and report any signals received to the appropriate ATS unit.

1.5.3.1

1.5.3.2 On all internal flights and transiting flights with single-engined ACFT, or those multi-engined ACFT not able to maintain the prescribed minimum safe altitude in the event of an engine failure, the following emergency equipment shall be carried.

1.5.3.2

1.5.4 Signalling equipment**1.5.4**

- a. An emergency locator transmitter (ELBA).
- b. Two signal flares of the day and night type.
- c. Eight red signal cartridges and a means of firing them.
- d. A signal sheet (minimum 1x1) in a reflecting colour.
- e. A signal mirror.
- f. An electric hand torch.

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1.5.5 Survival equipment**1.5.5**

- a. A compass
- b. A knife
- c. A sleeping bag with waterproof inner lining or a rescue blanket (Astron) per person
- d. Four boxes of matches in waterproof containers
- e. A ball of string
- f. A cooking stove with fuel.

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Additionally, during winter conditions the following additional equipment shall be carried.

- A snow saw or snow shovel
- Candles with a burning time of approximately 2 hours for each person. The minimum shall be not less than candles giving a total burning time of 40 hours.
- Tent(s) for all on board. If dinghies are carried, the tent(s) need not be carried

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