

R015 / JOB TITLE GUIDE / VERSION 0.1

Airspace designer

Airspace designers develop and evaluate the structure in which aircraft operations take place. Their work connects local proposals with the surrounding route network and stakeholders. This differs from issuing live control instructions and from constructing an individual instrument flight procedure. These EUROCONTROL examples concern European network design, not a universal licence category. [EMP1, EMP2, REF1]

What the role does

- Analyse proposed airspace structures and their network connections. [EMP1]
- Coordinate proposed changes with civil and military stakeholders. [EMP1]
- Evaluate performance effects and document design findings. [EMP2]

Where the work happens

Network planning office and stakeholder workshops; Analytical and simulation-supported project environment.

Employer example 1

EUROCONTROL • Belgium; European network scope • Airspace Design Expert (NOC-NM-2025-AD/1026)

Closed vacancy historical example • Checked 2026-10-27 [EMP1]

Category	What this employer states
Essential in this source	Relevant EQF 7 studies plus three years, EQF 6 plus four years, or stated equivalent professional training plus three years. Airspace/RAD/planning-tool knowledge, simulation understanding, project and presentation skills.
Desirable in this source	GIS/cartographic tools and AIXM5 knowledge.
Other stated conditions	Member-State nationality; English C1; French development requirement; possible vetting.

One employer and stated role only; this record does not establish current hiring unless explicitly marked active.

Employer example 2

EUROCONTROL • Belgium; European network scope • Airspace Design Expert (NOC-NM-2023-AD/603)

Closed vacancy historical example • Checked 2026-10-27 [EMP2]

Category	What this employer states
Essential in this source	Stated university/equivalent training route; at least three years relevant experience. Airspace-design/RAD knowledge, free-route and simulation understanding, project/presentation skills.
Other stated conditions	English C1; French A1 by probation; Member-State nationality.

One employer and stated role only; this record does not establish current hiring unless explicitly marked active.

Desirable requirements are not separately classified here; do not infer that none apply.

PREPARE AND VERIFY

Separate requirements from preparation

European network function; individual eligibility unresolved: EUROCONTROL describes coordinated route-network design and identifies the Network Manager framework. That organizational mandate does not make every applicant a licensed designer. Separate employer qualifications from the national approval process for a proposed change and any competence required by the responsible organization. [REF1]

Still to verify: A second independent employer comparison is not yet verified. Country-specific airspace-change approvals and individual competence arrangements remain to be reviewed.

Explore a realistic entry route

- Choose the function you want: network planning, local airspace change or detailed procedure design. Build a comparison using the deliverable and approval responsibility, not merely the word designer in the title. A single organization may combine functions, but this does not make their competences interchangeable.
- Develop a foundation in spatial reasoning, data interpretation and explaining trade-offs. Compare the employer's academic and professional-equivalence routes with your actual background. Record what is mandatory and what is an asset; do not treat an experienced vacancy as an advertised beginner course.
- Investigate supervised project work and the organization's competence-development arrangements. Ask how proposals are reviewed, how stakeholder input is recorded and who approves implementation. A desktop study or training certificate alone is not permission to introduce an airspace change.

Build evidence of your skills

- Use a fictional community-festival layout to compare two pedestrian-route options. List assumptions, users affected and unresolved constraints. Present a recommendation with its limitations; this tests structured thinking without designing actual airspace.
- Create a revision log for a simple invented map. Explain which changes were requested, what evidence supports them and which questions require review. Keep the original and revised versions so a reader can follow your reasoning.

Prepare for an interview

- Preparation prompt, not a reported interview question: explain why an apparently beneficial local change may require wider coordination. Use a non-aviation example rather than claiming you can assess operational safety.
- Prepare a real example of revising your preferred solution after another stakeholder supplied new information. Show how you documented the disagreement and the remaining uncertainty, not just how you persuaded someone.

Investigate possible next roles

Investigate later network-planning leadership, simulation/validation or specialist consultancy. Instrument procedure design is an adjacent discipline requiring its own training and authorization review, not an automatic promotion from this title.

Sources and scope

[EMP1] [EUROCONTROL Airspace Design Expert \(NOC-NM-2025-AD/1026\)](#)

Closed vacancy historical example. Belgium; European network scope. Checked 2026-10-27.

[EMP2] [EUROCONTROL Airspace Design Expert \(NOC-NM-2023-AD/603\)](#)

Closed vacancy historical example. Belgium; European network scope. Checked 2026-10-27.

[REF1] [EUROCONTROL Route network and airspace design](#)

Network design coordination, ERNIP and collaborative proposal development. Official functional guidance, not a personal licensing or complete legal-approval checklist. Checked 2026-10-27.

Educational reference. Verify current requirements with the relevant authority and employer. Examples are selected employer conditions, not an exhaustive application checklist or worldwide eligibility rules. Verify the current notice before acting. Learning exercises are not operational training, assessment or evidence of professional authorization. Both employer examples are closed competitions from the same organization; they do not establish a market-wide requirement. No job guarantee.