

AI Radio Communication

Radio phraseology practice with a virtual ground controller. Speech recognition, a controller that answers, and scoring of phraseology and readbacks. In beta.



Program overview

Correct phraseology is part of the AVOP exam and part of every airside shift, but trainees cannot practice on a live frequency. AVOPSIM adds a controller they can talk to. The trainee keys a push-to-talk and makes the call. Speech recognition interprets it, a virtual ground controller replies with an instruction or a clearance, and the trainee reads back and drives. Phraseology, completeness of readbacks and response time are scored for the instructor.

Caution

Not an air traffic service. The virtual ground controller is a training aid. Trainees follow the phraseology published by their airport and authority.

Program at a glance

Status	Beta. Early access for AVOPSIM customers
Pricing	Subscription, per airport per year, because of ongoing speech and language processing cost
Hardware	Headset with push-to-talk on any station tier

Works with	Every AVOPSIM program: driver training, ARFF, winter, GSE
Instructor view	Scores and transcripts in the Examiner Console
Customization	Phraseology set to your airport and authority

In this manual

- **Training exercises:** the mission types instructors can assign, repeat and score.
- **Running a mission:** how a mission is set up, driven and scored.
- **Features and benefits:** what the program adds to your training.

Every program runs on the same **digital twin**, **stations** and **instructor tools**.