INSTRUCTOR BRIEF · ONE PAGE

Drone Front

A strategy simulation of how drones changed war, built only from published open sources, for war colleges, staff colleges and military academies.

contestedairspace.com
Runs in a browser, no install, no accounts

WHAT IT IS

41 scenarios, 41 of them real battles from Karabakh 2020 to Ukraine, Myanmar, Libya, Ethiopia, Sudan, Mali and the Democratic Republic of the Congo, each with its published sources. 63 real drone types with sourced figures. 2 campaigns where the stockpile and budget carry from one battle to the next. Every force appears under its real name; forces on the US and UK terrorist lists are computer controlled only.

WHAT STUDENTS DO

Read a briefing with three learning objectives, choose a side, send drones on the scenario map, then review the objective, losses, cost exchange and civilian harm beside the historical outcome. Before and after questions show what changed. Default clocks range from 2 min 0 sec to 9 min 20 sec at 1x, excluding pauses and discussion.

WHAT THE SIMULATION IS NOT

It stays at the level of strategy: what each kind of drone does, what it costs, and how weather, jamming and air defence change it. It contains no instructions for building, modifying or operating drones. Schools, hospitals and places of worship can never be struck.

CLASSROOM MODE

One class code carries the scenario, locked settings, planned events and decision points. Students paste it or scan a QR code.

Each student sends back one result code. Pasted together they give the class table, the class average, every decision written down, and the before and after question totals.

Umpire mode runs one scenario on a projected screen with events added as it runs.

Results stay in local codes. Online scenario requests send the setup code for a classroom quota exemption.

LESSON SHAPES

45 minutes: One run each, with drones.

60 minutes: One run each, with drones, at two times speed if time is short.

90 minutes: Two runs each with the same class code: with drones, then without drones.

180 minutes: Three runs each: with drones, without drones, then a syndicate run with different settings.

FOR COLLEGE IT

Single HTML offline file for licensed colleges. Served shell SHA-256 `bfd86e89f42119c4…` (full hash on About). The simulation and lesson materials are available in English, French, European Portuguese and Arabic. Source and answer-key review remains in progress.

Instructor demo with a ready made class: **contestedairspace.com/demo**

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