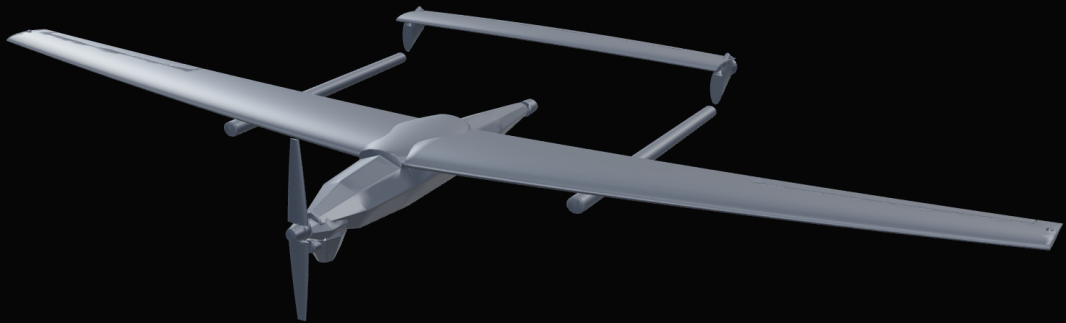


# BROCH

LONG-ENDURANCE FIXED-WING

STATUS · CONCEPT



The watchtower of the fleet — extended-range sensor platform for wide-area environmental survey, carbon verification, and flood-corridor mapping.

## AIRFRAME SPEC

|           |                                      |
|-----------|--------------------------------------|
| CLASS     | LONG-ENDURANCE FIXED-WING            |
| STATUS    | CONCEPT                              |
| MISSION   | ENVIRONMENTAL SURVEY & FLOOD MAPPING |
| SPAN      | 4.2 m target                         |
| ENDURANCE | 8 h target                           |
| RANGE     | 400 km target                        |
| PAYLOAD   | 4 kg                                 |

## THE MISSION · CIV-03

### ENVIRONMENTAL SURVEY & FLOOD MAPPING

The watchtower of the fleet. Long-endurance repeat lines over restored blanket bog measure re-wetting and vegetation recovery for carbon verification; when the water rises, the same aircraft flies BVLOS river corridors and maps flood extents while responders still have hours to act.

#### PAYLOAD

Multispectral + EO · terrain mapping

#### PROFILE

Seasonal repeat lines · corridor transit · rapid orthomosaic

#### OUTCOME

Carbon-verification evidence · same-day flood extent

#### REGIONS

Scottish Highlands · Nordics · Rhine basin