

This is a worked example, not a real RAMS. Every name and address is invented. It shows how the template reads once the placeholders are filled in and the guidance notes are deleted.

Risk Assessment and Method Statement

Riverside Phase 2, Plovdiv

Reference	AER-2026-198-RAMS
Site	Riverside Phase 2, ul. Maritsa 14, Plovdiv
Client / principal contractor	Kestrel Construction
Activity	Aerial survey by unmanned aircraft, progress monitoring
Planned date	18 June 2026, 09:00 - 10:30
Prepared by	A. Petrov, remote pilot
Version	1.2, 11 June 2026

1. Scope of the activity

A single unmanned aircraft will fly a pre-planned photographic pattern over the whole site at 80 m above ground level, taking approximately 45 minutes. One remote pilot and one marshal attend. No flight over occupied areas of the site is planned.

2. Personnel

Role	Name	Competency
Remote pilot	A. Petrov	A2 certificate of competency, BGR-OP-4471
Marshal / observer	D. Kolev	Briefed on the stop signal; no licence required

3. Risk assessment

Likelihood 1 rare to 5 almost certain. **Severity** 1 negligible to 5 catastrophic. **Risk** is the product.

#	Hazard	Who is at risk	Controls	Risk after
1	Loss of control, aircraft descends	Site personnel, public	Flight within VLOS; no overflight of occupied areas; take-off point in the north compound away from access routes; battery monitored with a 25% return reserve	4
2	Tower crane oversail	Aircraft, crane operator	Flight coordinated with the crane operator by radio; crane slewed to the park position for the duration; 30 m stand-off from the jib maintained	3
3	Site personnel entering the flight area	Site personnel	Marshal at the Zone B access gate; flight paused if anyone enters; toolbox notice posted the day before	4
4	Loss of GNSS near the core structure	Aircraft, property	Manual flight competency held; 15 m stand-off from the core; abort and land if position hold degrades	4
5	Weather deteriorates in flight	Aircraft, property	Limits in section 5; forecast checked within 2 h of take-off; land on any exceedance	3
6	Battery fire	Pilot, site	Batteries transported in fire-resistant bags; no charging on site; extinguisher in the vehicle	2

4. Method statement

1. **On arrival.** Report to D. Kolev at the site office. Site induction already held 2 March 2026. Confirm no conflicting works in Zones A to C.
2. **Set-up.** Establish the take-off point in the north compound. Position two cones and the warning sign. Brief the marshal on the stop signal.
3. **Pre-flight.** Confirm airspace status and check for NOTAMs. Check weather against the limits in section 5. Inspect aircraft, propellers and batteries. Confirm firmware, storage and a 120 m return-to-home height.
4. **Flight.** Maintain visual line of sight throughout. Fly the planned grid at 80 m, then three oblique orbits. Maintain the stand-offs in section 3. Monitor battery and signal continuously.
5. **Interruption.** Cease the pattern, hold or land, and do not resume until the condition clears. Triggers: any person entering the area, any aircraft in the vicinity, any weather exceedance.
6. **Post-flight.** Land, power down, confirm imagery captured, remove all equipment and signage. Report completion to D. Kolev.

5. Flight limits

Parameter	Limit
Maximum wind	9 m/s including gusts
Precipitation	None
Minimum visibility	5,000 m, and VLOS maintained
Maximum height	80 m AGL
Minimum distance to uninvolved people	30 m
Minimum battery on landing	25%

6. Emergency arrangements

Situation	Action
Flyaway or loss of link	Return-to-home engages at 120 m. If unresponsive, note last position and heading, inform D. Kolev and the Bulgarian CAA
Injury	First aid by the site first aider at the welfare cabin; emergency services on 112
Aircraft strikes a structure	Land immediately, make the area safe, photograph, notify Kestrel the same day
Fire	Site procedure; do not attempt to move a burning battery

Site contact	D. Kolev, +359 88 000 0000
Nearest A&E	UMBAL Plovdiv, bul. Peshtersko shose 66
Emergency services	112
Operator emergency contact	A. Petrov, +359 88 000 0001

7. Acknowledgement

	Name	Signature	Date
Prepared by	A. Petrov	A. Petrov	11/06/2026
Briefed to	D. Kolev	D. Kolev	18/06/2026
Accepted by (site)	M. Ivanova	M. Ivanova	12/06/2026

Operator details

Operator	Petrov Aerial Surveys EOOD
UAS operator registration	BGR-OP-4471
Remote pilot	A. Petrov - A2 certificate of competency
Insurance	Lev Insurance, policy 88-2211-04, limit EUR 2,000,000

EXAMPLE DOCUMENT.