

Bijlage II: Procedurele afstemming Heliport Pistoohaven (Engels)

Aerial Pro intends to limit its impact on the operations of NHV as much as possible. Especially in case of SAR missions, NHV should not experience any delays or other negative consequences coming from Aerial Pro's operations during the AMU-LED project (e.g. eHang flight). For this reason, NHV, PoR, and Aerial Pro have agreed on the following:

- Each day that Aerial Pro performs operations from the Pistoohaven, a representative of the flight crew will join the briefing of NHV. This briefing will take place at 10.00 AM, and will be valid for the next 24 hours
- Whenever a helicopter is operated within a 3 km radius from the Heliport, the UA cannot be operated in the same 3 km radius. This provides NHV with the flexibility to perform takeoff and land manoeuvres in any direction needed.
- Whenever the NHV is dispatched for an emergency SAR operation, the NHV commander will inform the Aerial Pro flight crew via phone on the planned operations (including ETD and operation location). The flight crew of the demo flight(s) will make sure that by the time that the helicopter takes off, the UA is either outside of the 3km zone, or on the ground
- A 2-way radio communication will be set up between the NHV helicopter and the Aerial Pro demoleader. The NHV crew will always inform Aerial Pro when returning to base, and will check whether the helicopter can return safely
- As a back-up option, In case of any problems with radio communication from NHV's side, while their helicopter is in operation, Aerial Pro will track NHV's helicopters via [REDACTED]

Before the flight

- The following general procedures have been set between the demo leader (Aerial Pro) and heliport Pistoohaven during the flight planning phase. The flight planning phase starts at least 24 hours before the actual flight:
 - The flight crew will inform [REDACTED] - at least 24 hours before the intended flight - via email with the operational plan, including; contact details, flight altitude, time frame, any other flight details that may affect operation(s) of the heliport.
 - Furthermore, the following organisation should be informed, at least 24 hours before the estimated take-off time:
 - HCC [REDACTED]
 - Loodsdienstleider [REDACTED]
 - On a flight day, the Aerial Pro crew will join the day briefing at the Heliport at 10.00. Here the crew will be briefed on the upcoming 24 hours.
- Aerial Pro will inform the Heliport crew of every takeoff. 15 minutes before each takeoff, Aerial Pro will inform:
 - Pilot on Duty via [REDACTED]
 - SAR pilot via [REDACTED]

During the flight

The image shown below covers the approach and departing routes which are normally in use for SAR or regular operations. This is where the helicopter will manoeuvre from take off to start the departure route or at the end of the arrival to position for landing. Within this area (radius of 3 km), it is not allowed to fly if the helicopter is airborne within this area.



Approach and departing routes NHV

During the drone flight, the Aerial Pro crew is not required to inform the heliport as long as there is no helicopter airborne, beside the pre-flight procedures. However, in case of a helicopter operation, the following procedure applies:

	Helicopter Crew	UAS Crew / Aerial Pro demo leader
Step	Helicopter preparing to take-off	
1.	Inform Aerial Pro via phone (or in person) about the helicopter operation, including the operation location, the flight path, and the ETD if applicable/known.	
2.		Aerial Pro will initiate a Return to Home OR will remain outside the 3 km zone OR fly to a location outside the 3 km zone.
3.	Just before lift-off, the helicopter crew will communicate a pre-lifting call via a (predetermined) free VHF 'company' frequency	
4.		Via VHF, Aerial Pro will confirm the UAS has landed OR that the UAS is outside the 3 km zone.
5.	If possible, the helicopter crew will acknowledge.	The Aerial Pro crew will monitor Amsterdam Information and the assigned 'company' frequency
	Helicopter Crew	Aerial Pro UAS Crew
Step	Helicopter airborne leaving the 3 km zone	
1.	The helicopter crew will communicate via the 'company' frequency when the helicopter leaves the 3 km zone.	
1.	Since the helicopter is equipped with a Mode-S transponder, but not visible on public flight tracking sites, Aerial Pro and NHV are working on a solution to make this data accessible to Aerial Pro.	

2.		The Aerial Pro crew is able to take-off OR resume the UAS operation.
	Helicopter Crew	Aerial Pro UAS Crew
Step	Normal Operation	
1.	The helicopter crew will communicate via Amsterdam Information (██████) the Estimated Time of Arrival (ETA) at least 5 minutes before ETA.	
2.		Aerial Pro will initiate a Return to Home OR will fly outside the 3 km zone to hold.
3.		Aerial Pro will confirm the UAS has been landed OR that the UAS is outside the 3 km zone.
	Helicopter Crew	Aerial Pro UAS Crew
Step	Helicopter airborne leaving the 3 km zone - landing	
1.	When the helicopter has been landed, the flight crew will inform the Pilot in Command at the heliport OR will inform the Aerial Pro crew via phone.	
2.		The Aerial Pro crew is able to take-off OR resume the UAS operation.

After the flight

After each flight, the Aerial Pro crew will inform:

- Pilot on Duty via ██████████
- SAR pilot via ██████████