

## Battelle ARO Flight Request: Toolik helicopter 2021

Flight date:		Point of contact	Who is submitting	
Departure time:	Helicopter launch time	Email:		
Billed project (PI)	Rastetter	TFS phone #:	2507	
(Group):	ITER-Lakes	cell phone #:		for texting updates
		Pick Up Location:	Wet lat:	(Lab 1, etc)

Format for lat/long: Decimal Degree

Group/Location #	Destination Name	Latitude	Longitude	Notes
iButtor	Im3	68.629287	-149.7845	Hot
iButtor	LL-out	68.623232	-149.792528	Hot
iButtor	LIMS	68.609045	-149.741042	Hot
iButtor	Im1	68.556592	-149.578144	Hot
Antenna+DNA	I1 Antenna	68.5728	-149.5813	GT= 30 min
Antenna+DNA	I2 Antenna	68.57499	-149.58102	GT= 30 min
Antenna	I3 Antenna	68.57767	-149.58197	GT= 10 min
Gear pickup	I8 Inlet	68.60735	-149.58752	Hot
Gear pickup	I8 Outlet	68.61428	-149.59154	Hot

Flight plan:

Flight to wrap up a bunch of random tasks in the I-minus/I-series streams. (1) The first four sites are hot stops to swap temperature loggers that were deployed last fall. (2) Next up are stops at the I1/I2/I3 antennas to upload data and shut down sites for winter. (3) Last are two stops to pick up batteries, etc. from our I8 inlet and outlet stations. **We will likely need to make multiple shuttles to and from camp, as we will be overweight with all the batteries coming back to camp.** HAZ - Batteries & Bear Spray

version 2021

Abbreviations for flight note  
 Close Support = CS = helo stays with group  
 Put-in = PI, same as drop-off = DO  
 Take-out = TO, same as pick-up = PU  
 Ground Time = GT = time required on site

**\*\*Please list hazardous items, amounts, and packaging separately (i.e. 200ml Isopropyl, in original packaging - plastic bottle, or canister, bear spray, stoves, non-spillable batteries, augers, generators, etc).**

A photo often helps as well.

Passenger name	Pax weight	Equipment **	Eq weight
Your Name XXXX	220	iButtons/reba	10
Others Name XXXX	160	Personal gear	20
		Antenna tools/Toughbo	30
		Water sample:	30
		Antenna readers/tuner	30
		Antenna batteries (6x 60lb)	360
		I8 Inlet battery and gear	90
		I8 Outlet battery and gear	90
		Haz Mat	
		1 bear spray	

Total weight pax:	380	Total weight eq	660
		Total weight pax + eq	1040

email completed form to [toolikhelo@polarfield.com](mailto:toolikhelo@polarfield.com) by 2pm the day before

Helicopter coordinator: x2533  
 First weatherport as one enters Toolik  
[toolikhelo@polarfield.com](mailto:toolikhelo@polarfield.com)

**Battelle ARO requires all researchers using Battelle ARO chartered aircraft to have emergency survival gear and satellite phones. Minimum gear includes: extra dry warm clothing, food and water. Additional items: bear protection, sleeping bag and shelter. Survival bags, satphones, flight helmets and suits are available from the Helicopter Coordinator.**

Email form by 2pm day before to helo coordinator at [toolikhelo@polarfield.com](mailto:toolikhelo@polarfield.com). Helo coordinator tells the pilot by ~5pm what the plan is for the next day.

The coordinator will tell the contact person when the group will be picked up, in camp, the next day. Please be ready to go at that time (boots on, gear packed, names on Toolik check-out board).

All passengers that have not flown on the helicopter this year are required to receive a brief training from the helicopter coordinator (can be the day before), as well as an overview by the coordinator.

Prelim helicopter schedule has been emailed to all PI's. The helicopter is a resource shared by many projects. Thank you for your understanding.