

# Shoreline Mapping Equipment Set Up

Valerie Wynja – Environment Canada

# Set up in Helicopter



Photographer

Videographer

Nikon D7100

Used for taking geotagged photos

Shutter priority  
mode

GPS



Panasonic Lumix  
GH5s/Gimbal Set up  
Used for taking  
geotagged videos

External Mic  
- no  
batteries  
required

GH5s batteries  
Lasts ~2.5 hours

2 sdxc cards  
128GB

Gimbal battery charger  
\*requires usb adapter

Gimbal uses 3 batteries  
Charge holds for 18hr

¼ - 20 tripod socket screw fits in base  
of gimbal and attaches to bungee

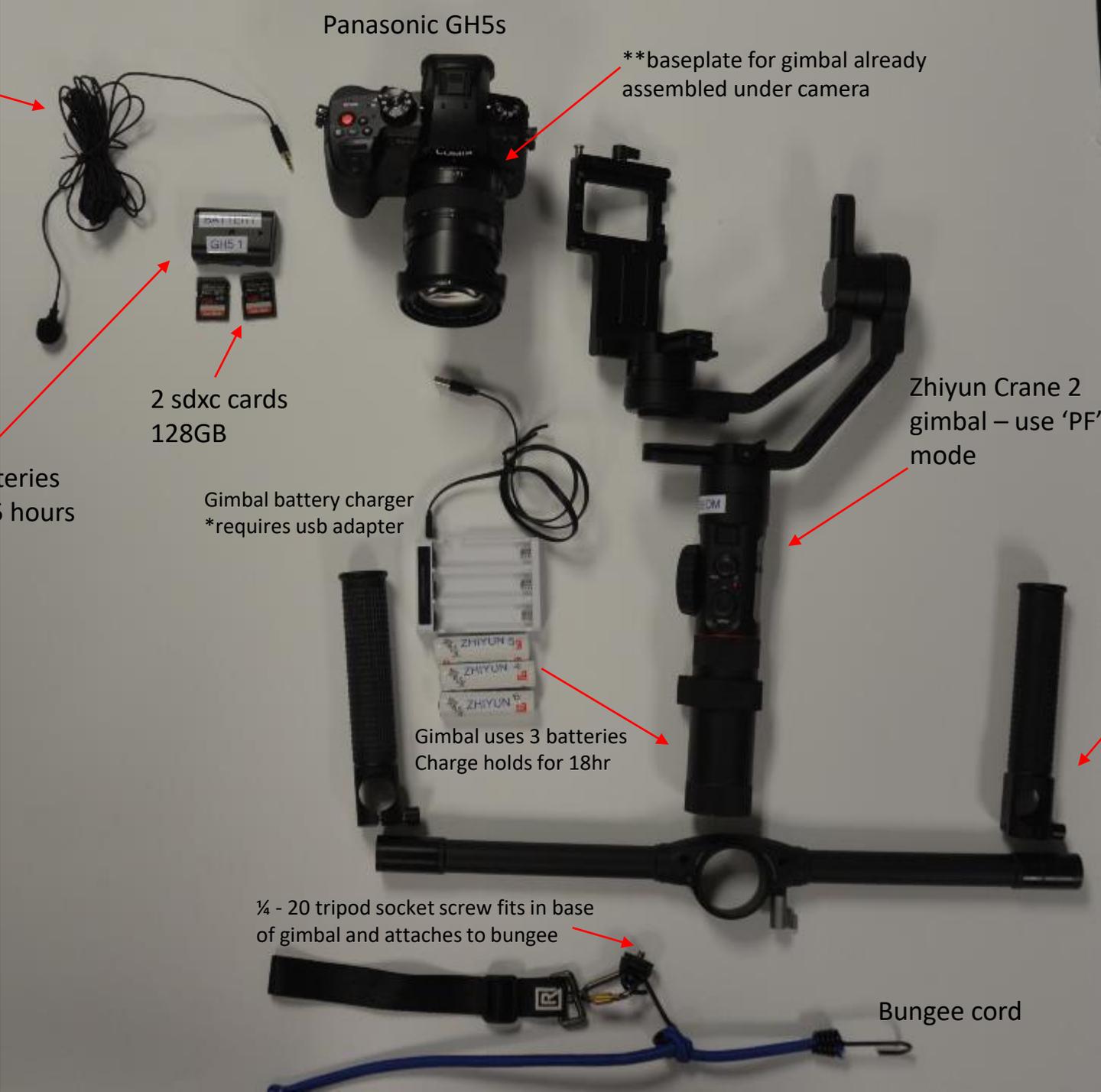
Bungee cord

Panasonic GH5s

\*\*baseplate for gimbal already  
assembled under camera

Zhiyun Crane 2  
gimbal - use 'PF'  
mode

Handlebars



## GPS Recordings: Juno GPS and Toughpad Setup



## Mavic 3M drone



AIRCRAFT	Details
Net Weight (with propellers and RTK module)	951 g
Dimensions	Folded (without propellers): 223×96.3×122.2 mm (Length×Width×Height)
	Unfolded (without propellers): 347.5×283×139.6 mm (Length×Width×Height)