

WPR21FA143

OPERATIONAL FACTORS/HUMAN PERFORMANCE

Group Chair's Factual Report - Attachment 8

Timeline of Events

October 25, 2022

N351SH Timeline

Date	Time (AKST)	Time (UTC)	Event	Source	Notes:
3/27/2021	14:40	22:40	N351SH departed Soloy base of operations at Wasilla Airport	NTSB Preliminary Report	N351SH - accident helicopter
3/27/2021	14:50	22:50	N351SH landed at Wasilla Lake	NTSB Preliminary Report	Guide - guide seated in aft passenger seat 1
3/27/2021	15:52	23:52	N351SH "departed to the field"	TML Report	TEH - Third Edge Heliski
3/27/2021	15:43	23:43	N351SH departed Wasilla Lake	NTSB Preliminary Report	TML - Tordrillo Mountain Lodge
3/27/2021	15:53	23:53	"Positive flight following (FF)" of 351	TML Radio/Event Log	Base - TML base of operations
3/27/2021	15:54	23:54	inReach interval received from Guide	TML Radio/Event Log	TML Radio/Event Log completed/provided by Desi Sherwood
3/27/2021	16:13	0:13	N351SH lands in Chugach Mountain Range	GPS data	TML Report provided by Mike Rheam
3/27/2021	16:18	0:18	Status "Outbound"	TML Dispatch Report	Soloy timeline provided by Sam Soloy
3/27/2021	16:22	0:22	Guide to Base via inReach "Run 1 Friday Creek"	TML Radio/Event Log	Mike Rheam - co-owner; TML
3/27/2021	16:25	0:25	Status "OpsNormal"	TML Dispatch Report	Sam Soloy - president; Soloy Helicopters
3/27/2021	16:27	0:27	WhatsApp message indicating they were operating in Friday Creek	TML Report	Brad Cosgrove - lead guide for Third Edge Heliski; TEH dispatcher on 3/27/2021
3/27/2021	17:14	1:14	Guide to Base via inReach "Run 3 good north pow"	TML Radio/Event Log	Desi Sherwood - TML flight follower on 3/27/2021
3/27/2021	17:26	1:26	"Positive flight following confirming location" of 351	TML Radio/Event Log	Chad Emswiler - pilot of 381AK on 3/27/2021; Alpha Aviation
3/27/2021	17:32	1:32	Guide to Brad Cosgrove via inReach "Run 4, pow no red"	TML Radio/Event Log	John Baechler - director of operations; Soloy Helicopters
3/27/2021	17:34	1:34	Guide to Base via WhatsApp "Ops Normal, moving to metal"	TML Radio/Event Log	Josiah Freeman - pilot on 3/27/2021; Alpha Aviation
3/27/2021	17:34	1:34	Guide to Base sends WhatsApp message	TML Report	N2AK/N3AK - Alpha Aviation helicopters involved in locating wreckage
3/27/2021	17:35	1:35	Status "OpsNormal"	TML Dispatch Report	Jeff Hoke - lead guide; Third Edge Heliski
3/27/2021	17:38	1:38	"Positive flight following confirming location" of 351	TML Radio/Event Log	
3/27/2021	17:48	1:48	Pilot called fiancé	Edmondson Interview	21:10 - Survival Factors timeline begins
3/27/2021	17:50	1:50	Pilot called fiancé	Edmondson Interview	Italicized times are approximate
3/27/2021	18:00	2:00	"Positive flight following confirming location" of 351	TML Radio/Event Log	
3/27/2021	18:14	2:14	Guide contact "inReach interval received"	TML Radio/Event Log	
3/27/2021	18:24	2:24	Guide contact "inReach interval received"	TML Radio/Event Log	
3/27/2021	18:28	2:28	Base to Guide via inReach "copy" with note "(no response)"	TML Radio/Event Log	
3/27/2021	18:34	2:34	Last flight following ping and inReach ping	TML Report (Garmin screenshot provided)	
3/27/2021	18:35	2:35	Accident occurs	GPS data	
3/27/2021	19:04	3:04	Base to Guide via inReach "How's it going?" with note "(no response)"	TML Radio/Event Log; Garmin inReach Report	
3/27/2021	19:14	3:14	Base to Guide via WhatsApp "Status?"	TML Radio/Event Log	
3/27/2021	19:15	3:15	Base to Mike Rheam via text relaying "No positive comms with Guide w/in last hour & a half & flight following indicates no movement of 351 in 40 minutes"	TML Radio/Event Log	
3/27/2021	19:15	3:15	Mike Rheam to Brad Cosgrove via phone "relaying overdue comms. Brad [Cosgrove] considered them ops normal & expected them @ last lift @ 7:40 pm"	TML Radio/Event Log; Rheam interview	
3/27/2021	19:16	3:16	Mike Rheam to Desi Sherwood via text message "I'll call cosgrove"; Desi responds "copy"	TML Report; text screenshot provided	
3/27/2021	19:16	3:16	Mike Rheam calls Brad Cosgrove; 5:59 call length. "Last pings and locations were discussed. BC informed MR given the late start and his many years of guiding with aft passenger 4 and the lead guide, that they were taking their time, enjoying their last run and would head back to Wasilla Lake right at"	TML Report; phone call log provided	
3/27/2021	19:23	3:23	Mike Rheam to Desi Sherwood via text message "He thinks things are fine"; Desi responds at 1924 "Cool"	TML Report; text screenshot provided	
3/27/2021	19:24	3:24	Mike Rheam to Desi Sherwood via text "Keep an eye on it"	TML Report; text screenshot provided	
3/27/2021	19:33	3:33	Desi Sherwood to Mike Rheam via text message "Nada"	TML Report; text screenshot provided	
3/27/2021	19:49	3:49	Base to Guide via inReach "Update?"	TML Radio/Event Log; Garmin inReach Report	
3/27/2021	20:00	4:00	Mike Rheam to Brad Cosgrove (BC) via phone "BC reported contact via radio - in bound"	TML Radio/Event Log	
3/27/2021	20:02	4:02	Mike Rheam called Brad Cosgrove and was told by Brad he had received a radio call and helicopter 351 was inbound	TML Report	
3/27/2021	20:04	4:04	Mike Rheam to Desi Sherwood via text message "They are in bound. Phew" and "He will text when they land."	TML Report; text screenshot provided	
3/27/2021	20:13	4:13	Brad Cosgrove to Guide via inReach "Hey bud I'm dealing w tml freaking out about you still being out" (NTSB note: no response from N351SH)	Garmin inReach Report	
3/27/2021	20:15	4:15	Chad Emswiler notified by TEH that 351 was overdue	Emswiler email dated 4/5/21	
3/27/2021	20:23	4:23	Mike Rheam attempts call to Brad Cosgrove	TML Report; phone call log provided	
3/27/2021	20:25	4:25	John Baechler notified by Brad Cosgrove of overdue	John Baechler interview	
3/27/2021	20:29	4:29	Brad Cosgrove to Base via phone "BC indicated no contact and inquired about last positive contact with Guide"	TML Radio/Event Log	
3/27/2021	20:32	4:32	Sam Soloy notified by John Baechler that 351SH was overdue; ERP being activated	Soloy timeline	
3/27/2021	20:32	4:32	Chad Emswiler had missed call from Brad Cosgrove	Emswiler interview	
3/27/2021	20:33	4:33	Desi Sherwood relays info from Brad Cosgrove to Mike	TML Report	
3/27/2021	20:33	4:33	Mike Rheam calls John Baechler; multiple calls made between Mike Rheam and John Baechler over next hours	TML Report; phone call log provided	
3/27/2021	20:34	4:34	Chad Emswiler received text message from Brad Cosgrove requesting a helicopter respond to Metal Creek to check on Soloy	Emswiler interview	
3/27/2021	20:38	4:38	Mike Rheam calls Brad Cosgrove	TML Report; phone call log provided	
3/27/2021	20:39	4:39	Mike Rheam contacts Jeff Hoke who is organizing TEH/Alpha response; multiple calls made between Mike Rheam and Jeff Hoke over next several hours	TML Report; phone call log provided	
3/27/2021	20:40	4:40	Josiah Freeman departs TEH base for ANC; about this time, Alpha dispatcher noticed N351SH had not moved and called Josiah.	Freeman interview	
3/27/2021	20:50	4:50	Josiah Freeman and 2 TEH guides departed ANC to search for N351SH	Freeman interview	
3/27/2021	20:52	4:52	John Baechler arrived at the office and notified RCC	Baechler interview	
3/27/2021	21:03	5:03	Josiah Freeman learns a Blackhawk was enroute from Chad Emswiler via radio	Freeman interview	
3/27/2021	21:10	5:10	John Baechler calls RCC	RCC log	
3/27/2021	21:12	5:12	Chad Emswiler notified a Blackhawk was on its way	Emswiler interview	
3/27/2021	21:10	5:10	Josiah Freeman arrived in area of last known location of N351SH	Freeman interview	
3/27/2021	21:23	5:23	Alpha Aviation communication: "Zak. Lifting for recon. 3pob. 80%"	Emswiler provided text message	
3/27/2021	21:31	5:31	Alpha Aviation communication: "Heading toward metal creek area. In coms with Josiah. No sighting yet. Full moon good"	Emswiler provided text message	
3/27/2021	21:32	5:32	John Baechler calls RCC	RCC log	
3/27/2021	21:36	5:36	Wreckage located; another Alpha helicopter arrived around this time	Freeman interview	
3/27/2021	21:39	5:39	Alpha Aviation communication: "They see wreckage waiting on more info"	Emswiler provided text message	
3/27/2021	21:50	5:50	Alpha Aviation communication: "3ak and 2ak heading back to Meier. Leaving it to SAR"	Emswiler provided text message	
3/27/2021	22:10	6:10	Josiah Freeman landed back at Alpha base and communicated with Chad Emswiler what they found	Freeman interview	

For additional information regarding search and rescue efforts by the RCC, see the Survival Factors Factual Report and Attachments.