

Papillon Airways, Inc.  
Peach Springs, AZ  
February 10, 2018  
WPR18MA087

**NATIONAL TRANSPORTATION SAFETY BOARD  
WASHINGTON, D.C.**

ATTACHMENT 4

SAR Timeline

4 Pages

Local Time	Event	Source
17:18:48	LIKELY TIME OF IMPACT	Estimation based on multiple data sources
17:18:49	Passenger photo #1 showed smoke coming from helicopter	Photo metadata
17:18:50	Beacon activation +/- 2.5 seconds	NOAA
17:18:56	Passenger photo #2 showed helicopter on fire	Photo metadata
17:19:42	ELT Detection	AFRCC Log
17:20:00	AFRCC initial notification to Papillon; Papillon believed aircraft was flying	Papillon timeline
17:20:00	Radio call from Papillon to 1G4; helicopter crashed at Quartermaster	1G4 airport log
17:30:00	Papillon repositioned helicopter to pick up first responders and EMS at 1G4	Papillon timeline
17:31:00	AFRCC initial call to Papillon about ELT detection	AFRCC Log
17:34:00	LA Center (ATC) contacted AFRCC to report multiple aircraft reported helicopter went down east of 1G4	AFRCC Log
17:35:00	Papillon helicopter 37 arrived 1G4 (spot A8) to pick up EMS	1G4 airport log
17:37:00	Papillon 37 lifted off from 1G4 with EMS personnel; reported 7 occupants on board accident helicopter	1G4 airport log
17:40:00	Careflight notified by 1G4	1G4 airport log
18:23:00	AFRCC notified Grand Canyon NP of reports that helicopter crashed in park; passed information; GCNP was dispatching SAR	AFRCC Log
17:40:00	Approximate on-scene arrival time of Papillion pilots and Royal Australian Air Force members	Witness statements
17:43:00	Papillon notified Department of Public Safety (DPS) Air Wing	Papillon timeline
17:45:00	Papillon helicopter landed at Quartermaster with first responders; confirmed it was aircraft 34 with pilot and 6 passengers	Papillon timeline
17:46:40	HNPd dispatch notified about aircraft accident by Grand Canyon West Security	HNPd radio log
17:57:00	AFRCC called Papillon who reported that tower had not been able to contact aircraft; 7 SOB	AFRCC Log
18:03:00	Standby page for Classic 02 (Park)	Classic helicopter run report
18:05:00	Estimate of arrival of first responders at accident site	Estimation based on multiple data sources
18:06:00	Papillon confirmed DPS Ranger 56 (Supai) and Ranger 58 (Flagstaff) enroute; Ranger 56 was 20 minutes out.	Papillon timeline

Local Time	Event	Source
18:07:00	Papillon notified AFRCC that ELT that was going off was from accident site	Papillon timeline
18:11:00	AFRCC called GCNP; GCNP had contacted DPS for flyover but they were on another mission	AFRCC Log
18:13:00	Papillon chief pilot called AFRCC; accident helo not responding; Papillon had been in contact with DPS who was responding with helos	AFRCC Log
18:13:00	Careflight landed 1G4 (A8)	1G4 airport log
18:19:00	Launch Page for Classic 02 (Park)	Classic helicopter run report
18:06:00	Standby page for Classic 09 (Doyel)	Classic helicopter run report
18:14:19	HNPd Officer Demke arrived at 1G4 ARFF building	HNPd radio log
18:16:32	HNPd Officer Demke stated that there was a helicopter at the airport standing by and that DPS had been notified	HNPd radio log
18:20:05	HNPd Officer Demke confirmed only way to reach accident site was by helicopter; sending Careflight in right now to see if they can get any survivors	HNPd radio log
18:25:28	HNPd Chief Bradley called MCSO dispatch for possible SAR assist	HNPd radio log
18:29:00	AFRCC received call from GCNP; confirmed crash was on Hualapai Indian Reservation on Quartermaster Bluff and that they were responding	HNPd radio log
18:30:52	HNPd Hammontree reported MCSO SAR and DPS Ranger had been called out; "line of red and blues heading to 1G4"	HNPd radio log
18:34:00	Mercy Air flying in vicinity rerouted to Quartermaster	1G4 timeline
18:38:00	Classic 02 (Park) departed Kanab Base (Utah) enroute Quartermaster	Classic helicopter run report
18:38:41	HNPd Officer Demke reported 2 medical helicopters had landed; DPS Ranger enroute; believed 8 SOB, 3 deceased, 3 injured	HNPd radio log
18:44:00	Launch page for Classic 09 (Doyel)	Classic helicopter run report
18:45:00-19:00:00	2 DPS Ranger helicopters arrived at 1G4; crews received briefing at command post; 3 confirmed critically injured being treated and one unaccounted for	1G4 airport manager
18:50:00	Classic 09 (Doyel) departed Fort Mohave Base	Classic helicopter run report
18:56:00	Classic 09 (Doyel) landed A20 for fuel	Classic helicopter run report

Local Time	Event	Source
19:01:00	Classic 09 (Doyel) departed A20 for 1G4	Classic helicopter run report
19:07:10	Papillon reported to HNPd - 6 SOB, 2 fatal, 3 injured, 1 unknown; stated Papillon flew first responders to crash site shortly after crash	HNPd radio log
19:18:00	AFRCC contacted Bureau of Indian Affairs who reported 2 medic helos on scene; no indication of status of occupants	AFRCC Log
19:18:58	HNPd received phone call from AFRCC informing them ELT was activated; confirmed they had people on scene	HNPd radio log
19:20:00	Classic 02 (Park) arrived Quartermaster	Classic helicopter run report
19:42:58	HNPS Hammontree at accident site; reported 4 trauma victims, 3 deceased; they will be dropping medics at the site and Air Force will be coming out to assist; 30 people trapped at picnic tables.	HNPd radio log
19:43:00	Mercy Air landed A8 and picked up blankets and water for crash site	1G4 timeline
19:45:00	Classic 09 (Doyel) arrived at 1G4; picked up supplied departed immediately	Classic helicopter run report
19:48:00	Mercy Air lifted for canyon LZ	1G4 timeline
19:56:00	AFRCC contacted BIA who requested a helo with hoist for 4 Level 1 trauma patients to Las Vegas; state assets were unable to support	AFRCC Log
19:57:00	AFRCC received call from AZ State SAR coordinator who reported that DPS commander was determining if state assets could support; AFRCC on standby to source a Federal asset until determination made	AFRCC Log
20:18:00	AFRCC received call from AZ State SAR coordinator who reported that determination had not yet been made; requested that AFRCC proceed with initiating request for Federal asset	AFRCC Log
20:22:00	Classic 09 landed with Papillon tourists	1G4 timeline
20:38:00	Classic 09 (Doyel) arrived Quartermaster	Classic helicopter run report
20:45:00	Papillon employee on scene reported to Papillon that no injured were transported out yet; were trying to evaluate ravine; was technical recovery	Papillon timeline
21:29:00	Classic 02 (Park) departed for 1G4 (shuttle flight up)	Classic helicopter run report
21:33:00	Papillon informed that DPS got 9 guests to 1G4 for transportation back to Las Vegas	Papillon timeline
22:25:00	DPS Ranger 58 lifted from A4	1G4 timeline

Local Time	Event	Source
22:42:00	Classic 09 (Doyel) departed Quartermaster with patient (pilot) for University Medical Center after transfer from Classic 02 (Park)	Classic helicopter run report
23:00:00	Papillon reported that DPS had to stop flying due to poor visibility; 5 guests and 4 pilots remained at Quartermaster with first responders	Papillon timeline
23:00:00	Mercy Air 21 positioned at 1G4 A8	1G4 timeline
23:05:00	US. Air Force 312 1 mile out from 1G4	1G4 timeline
23:49:00	DPS Ranger 58 landed 1G4 to transfer patient (passenger #3) to Mercy Air 21	1G4 timeline
23:58:00	Classic 09 (Doyel) arrived at University Medical Center with patient (pilot)	Classic helicopter run report
00:20:00	Mercy Air 21 lifted from A8 with patient (passenger #3) for University Medical Center	1G4 timeline
00:22:00	Classic 02 (Park) departed 1G4 for University Medical Center with patient (passenger #5)	Classic helicopter run report
00:50:00	Papillon informed AFRCC that 4 survivors had been evacuated; three confirmed fatalities were still in the wreckage and would remain until later in the day	Papillon timeline
00:54:00	Air Force AR006 departed accident site with patient (passenger #4); enroute to University Medical Center	1G4 timeline
01:00:00	Mercy Air 21 arrived at University Medical Center with patient (passenger #3)	Medical records
01:05:00	Classic 02 (Park) arrived at University Medical Center with patient (passenger #5)	Classic helicopter run report
01:28:00	Air Force AR 006 arrived at University Medical Center with patient (passenger #4)	Medical records