

Weather Study – Attachment 2

Email correspondence between FAA and NTSB regarding
PATQ AWOS and Atqasuk FAA weather cameras

METEOROLOGY

ANC18LA031

*Submitted by: Mike Richards
NTSB, AS-30*

From: [REDACTED]@faa.gov
To: [REDACTED]
Subject: FW: Action: Data Request (NTSB/FSDO) Aircraft Accident HAG4GV/N814GV 4/11/2018 NTSB# ANC18LA031
Date: Tuesday, April 24, 2018 1:23:56 PM

FYI

Jene Zullo
Quality Control Group
Western Service Center AJV-W13

[REDACTED]
[REDACTED]
(206) [REDACTED]

From: Cheeseman, Doneva (FAA)
Sent: Tuesday, April 24, 2018 11:11 AM
To: Zullo, Jene (FAA) [REDACTED]@faa.gov>; Grant, Gary (FAA) [REDACTED]t@faa.gov>; Lovett, Vered (FAA) [REDACTED]@faa.gov>
Subject: RE: Action: Data Request (NTSB/FSDO) Aircraft Accident HAG4GV/N814GV 4/11/2018 NTSB# ANC18LA031

Hi Jene - response to #5 below

5. We request information on what the issue is (or was), when the outage began, and when it was resolved (or when resolution is expected).

Accident occurred on 13APR2018

PATQ/ATK/AWOS/SERVIC E A OTS on 19APR2018 0959Z MASS ALARM; EVT 1566176504; Opened telco ticket(tkt) with telco provider to troubleshoot found circuit(ckt) in loop and would not release then opened telco tkt with local telco provider who removed loop from ckt 4APR2018 1449Z; SVC-A still not operational; referred back to FAA 4APR2018; ATSS forecasted to travel to site 17-18 April 2018 but delayed due to weather; awaiting travel to repair when TOARR releases site for maintenance

ATK/AWOS CEILOMETER MISSING 26DEC2017 1739Z; EVT 1746010603; ordered new Ceilometer; arrived damaged; ordered new Ceilometer; Ceilometer arrived; scheduled travel delayed due to weather 22MAR2018; planned travel for 17APR2018; awaiting travel to repair when TOARR releases site for maintenance – released travel week of April 30 to physically extract data.

Can you/did you post to KSN for us?

Thanks!

Doneva Cheeseman
Anchorage District
North Tech Ops Manager
Ofc: 907 [REDACTED]
Cell: 907 [REDACTED]

From: Zullo, Jene (FAA)
Sent: Tuesday, April 24, 2018 9:55 AM
To: Cheeseman, Doneva (FAA) [REDACTED]@faa.gov>; Grant, Gary (FAA) [REDACTED]t@faa.gov>
Subject: RE: Action: Data Request (NTSB/FSDO) Aircraft Accident HAG4GV/N814GV 4/11/2018 NTSB# ANC18LA031

Hi Doneva
I've added you as a user and moved the .pdf files. Thanks again for all your help.

Jene Zullo
Quality Control Group
Western Service Center AJV-W13

[REDACTED]
[REDACTED]
(206) [REDACTED]

From: Cheeseman, Doneva (FAA)
Sent: Tuesday, April 24, 2018 9:57 AM
To: Lovett, Vered (FAA) [REDACTED]@faa.gov>; Zullo, Jene (FAA) [REDACTED]@faa.gov>
Cc: Grant, Gary (FAA) [REDACTED]@faa.gov>; Koch, Rick (FAA) [REDACTED]@faa.gov>
Subject: Action: Data Request (NTSB/FSDO) Aircraft Accident HAG4GV/N814GV 4/11/2018 NTSB# ANC18LA031

Hi Vered & Jene - Gary and I tried to enter data into KSN but was denied access. Below in red are the necessary response to NTSB inquiry.

Thanks

Doneva Cheeseman
Anchorage District
North Tech Ops Manager
Ofc: 907 [REDACTED]
Cell: 907 [REDACTED]

From: Zullo, Jene (FAA)
Sent: Monday, April 23, 2018 11:24 AM
To: Lovett, Vered (FAA) <[REDACTED]@faa.gov>; Grant, Gary (FAA) [REDACTED]@faa.gov>
Cc: Cheeseman, Doneva (FAA) [REDACTED]@faa.gov>; Sones, John (FAA) [REDACTED]@faa.gov>; Davis, Dan (FAA) [REDACTED]@faa.gov>; Howery, James (FAA) [REDACTED]@faa.gov>; Ondra, Thomas (FAA) [REDACTED]@faa.gov>
Subject: Action: Data Request (NTSB / FSDO) Aircraft Accident HAG4GV/N814GV 4/11/2018 NTSB# ANC18LA031

Good Morning Vered,

Please see the official NTSB request seeking information regarding an aircraft accident from 4/11/18.

Please email, or post to the KSN site linked below, and I will forward to the NTSB via a secure website.

[REDACTED]

Please give me a call if you have any questions. Thank you.

Jene Zullo
Quality Control Group
Western Service Center AJV-W13

[REDACTED]

[REDACTED]

(206)

From: Richards Michael [REDACTED] [\[REDACTED\]@ntsb.gov](mailto:[REDACTED]@ntsb.gov)
Sent: Monday, April 23, 2018 11:47 AM
To: Zullo, Jene (FAA) [REDACTED] [\[REDACTED\]@faa.gov](mailto:[REDACTED]@faa.gov)>
Cc: Johnson Clinton [REDACTED] [\[REDACTED\]@ntsb.gov](mailto:[REDACTED]@ntsb.gov)>; Williams Shaun [REDACTED] [\[REDACTED\]@ntsb.gov](mailto:[REDACTED]@ntsb.gov)>; Howery, James (FAA) [REDACTED] [\[REDACTED\]@faa.gov](mailto:[REDACTED]@faa.gov)>; Richards Michael [REDACTED] [\[REDACTED\]@ntsb.gov](mailto:[REDACTED]@ntsb.gov)>
Subject: request for data/information NTSB# ANC18LA031

Hello Ms. Zullo...

In support of our investigation into an aircraft accident near Atkasuk, Alaska, on 11 April 2018, we request the following four items listed below. Would greatly appreciate your assistance in obtaining this information. Over the last week, there have been numerous emails exchanged with FAA personnel on these items, and its possible someone is already working on gathering the information, however at this point I am not sure on status...so I am consolidating everything in one request.

If possible, please keep Mr. James Howry (cc'ed here) in the loop on responses. I am not sure whom else in FAA should be looped-in as well.

1. Request all available (highest temporal-resolution) recorded observations from the Atkasuk (PATQ) AWOS for the time period **0000 UTC – 2359 UTC on 11 April 2018**. This will likely need to be physically retrieved from the PATQ AWOS by a technician.

All data available, in highest temporal resolution that are the recorded observations for Atkasuk (PATK) AWOS for the time between 0000UTC – 2359 UTC on 11 April 2018 when a qualified/Certified technician becomes available. This data will be downloaded during week of 30 April – 4 May 2018. The data will be physically retrieved from the site by this technician.

2. Our understanding is that local SVC-A was inoperative during the times leading up to and including

the accident day, and this outage affected (1) longline AWOS data and (2) weather camera imagery dissemination from Atqasuk. We request documentation to confirm this was the case, and to provide the beginning date of this outage (when it was identified) and the status of this outage from then through the accident day.

See attachment for OCC comments for the LIR #1566176504 that cover Service A and WEBCAM. SERV-A was OTS and does effect 1) long line and webcam data and, 2) weather camera imagery from Atqasuk. Data attached (Item 1)

3. If a SVC-A outage is confirmed, we request a status update on when this outage is intended to be resolved (or when since the accident day the outage was resolved).

The LIR #1566176504 still indicates awaiting for TOAR. TOAR advised concurrence that technician can travel to site to retrieve data. SERV-A outage should be resolved during week of 30 April – 4 May (during technician visit)

4. We identified the following current NOTAM for PATQ regarding the PATQ wx station:

SERV-A data is backed-up by VHF transmissions and telephone line transmissions that are serviceable in the subject AWOS and have been for the past several months. SERV-A data is not NOTAM'ed. The Ceilometer, however, is a sensor and is the subject of the NOTAM :

!ATK 04/001 ATK SVC AUTOMATED WX BCST SYSTEM CEILING OUT OF SERVICE
1804030615-1804211400EST

Have there been any NOTAMs identifying any (1) longline AWOS information or (2) weather camera imagery dissemination issue issued since mid-March? Would a longline dissemination issue with either of these two systems normally be NOTAM'ed?

No requirements issue NOTAMs on Service A or Weather cameras.

Thanks for your help here,
Mike

Mike Richards
Aviation Safety Investigator - Senior Meteorologist
Operational Factors Division
National Transportation Safety Board
[REDACTED]@[ntsb.gov](mailto:[REDACTED]@ntsb.gov)
+1 202 [REDACTED]

ZAN MCC E.M. EVENT REPORT

4/19/2018 1:32:02 PM

LOG ID	EVENT/FACILITY	STATUS	TYPE	COORD STAGE	OPEN DATE/TIME	CLOSE DATE/TIME
1566176504	ATK AWOS	0	5		03/19/18 0959	

*** 04/19/18 19:05:59 *** WWQ21WWR ***

ATSS/DMS reports FAA has not received clearance from TOAR to enter site. ATT/MG notified.

*** 04/17/18 23:08:04 *** WWQ21JY ***

ATSS tentative TVL 4/18

*** 04/06/18 18:11:31 *** WWQ21DGC ***

*** 04/06/18 17:15:35 *** WWQ13JWS ***

Update LIR#1566176604 Summary to reflect "ATSS trvl week of Apr 17"

*** 04/04/18 14:49:07 *** WWQ21DGC ***

PATQ AWOS SVC-A/WCAM OTS. Dial up good. ASTEC advised hard loop is removed. Referred back to FAA to chk equip for add'l loop. ATSS TVL 4/17

*** 04/04/18 14:46:49 *** WWQ21DGC ***

EVENT TYPE SET TO ADVISED

*** 04/04/18 14:41:01 *** WWQ13DMS ***

ACKNOWLEDGE Log ID1566176504. UPDATE Summary to reflect and include - Technician to travel on 17 April.

*** 04/04/18 00:01:49 *** WWQ21MXS ***

EVENT TYPE SET TO NOTIFY

PATQ AWOS SVC-A/WCAM OTS. Dial up good. ASTEC advised hard loop is removed. Referred back to FAA to check our equipment for additional loop.

*** 04/03/18 23:49:19 *** WWQ21MXS ***

WCPO/WC advised circuit shows a loop. Notified ATT that the loop has returned.

*** 04/03/18 23:41:16 *** WWQ21MXS ***

ASTEC removed a hard loop in the circuit. Monitoring. ATT will check back in a few.

*** 04/02/18 19:56:49 *** WWQ21JY ***

ATT/JDS rpts ASTEC will be onsite 4/3 if wx holds.

ZAN MCC E.M. EVENT REPORT

4/24/2018 7:32:03 AM

1566176504

LOG ID	IDENT/FACILITY	STATUS	TYPE	COORD STAGE	OPEN DATE/TIME	CLOSE DATE/TIME
1566176504	ATK AWOS	O	5		03/19/18 0959	

COMMENTS

*** 03/23/18 00:30:33 *** WWQ21TEO ***

*** 03/23/18 00:13:09 *** WWQ13JAV ***

Please Update Log Summary LIR: 1566176504 to reflect and include: Flight canceled due to deteriorating weather conditions in Atkasuk and Barrow. Tech to travel 17 Apr

*** 03/21/18 19:22:34 *** WWQ21RWK ***

ATT/JDS reports they see a loop in the circuit they can't drop. ASTEC(LEC) scheduled to travel week of 4/1. CATSS/DMS will have ATSS on site contact SOC to attempt test with telco. ATSS/JAV traveling but currently on WX hold, ATT/MG advised.

*** 03/19/18 14:33:18 *** WWQ21JY ***

EVENT TYPE SET TO ADVISED

*** 03/19/18 14:29:32 *** WWQ13JAV ***

Please Update LIRs Summarys 1566176604 and 1566176504 to reflect and include: Tech to travel 21 Mar.

*** 03/19/18 10:02:11 *** WWQ21CXR ***

STATUS SET TO OPEN (O)

EVENT TYPE SET TO NOTIFY

COORDINATION STAGE SET TO

PATQ AWOS SVC-A/WCAM OTS. Dial up good. Link status alarm in MASS.

Details

Log Record Information

Log ID	1566176604	Coord Required	False
Audit/Seq	Select Sequence ▾	Record Status	O
Event Type	N/A	Cat/Suppl/MAC	80/5/C
Start Date	03/19/2018 09:59z	End Date	
Created Date	03/19/2018 10:03z	Duration	
Mod Date	04/19/2018 19:06z	Mod By	[REDACTED]@faa.gov
SAL Sync Date			

Location Information

Fac ID	ATK	Fac Type	WCAM	SvcArea/Dir	Western
ATOW	WWQ13	Location	ATQASUK, AK	Arpt/Rwy	-/-
ATOW Desc	ARCTIC CENTRAL SSC			Work Area	WX
Fac Desc	WEATHER CAMERA				

Log Summary Information

PATQ AWOS SVC-A/WCAM OTS. Dial up good. Link status alarm in MASS.

Comments ▲

14 Comments

Date	Name	Comment
04/19/2018 19:05:59z	WILLIAM RICHARDS	+++ -- Comment dated <04/19/18 19:05:59 by WWQ21WWR> from Parent Log ID : 1566176504 ATSS/DMS reports FAA has not received clearance from TOAR to enter site. ATT/MG notified. +++
04/17/2018 23:08:04z	JOANNA YOUNGER	+++ -- Comment dated <04/17/18 23:08:04 by WWQ21JY> from Parent Log ID : 1566176504 ATSS tentative TVL 4/18 +++
04/06/2018 18:11:31z	DONALD COFFMAN	+++ -- Comment dated <04/06/18 18:11:31 by WWQ21DGC> from Parent Log ID : 1566176504 *** 04/06/18 17:15:35 *** WWQ13JWS *** Update LIR#1566176604 Summary to reflect "ATSS trvl week of Apr 17" +++
04/04/2018 14:49:07z	DONALD COFFMAN	+++ -- Comment dated <04/04/18 14:49:07 by WWQ21DGC> from Parent Log ID : 1566176504 PATQ AWOS SVC-A/WCAM OTS. Dial up good. ASTEC advised hard loop is removed. Referred back to FAA to chk equip for add'l loop. ATSS TVL 4/17 +++
04/04/2018 14:46:49z	DONALD COFFMAN	+++ -- Comment dated <04/04/18 14:46:49 by WWQ21DGC> from Parent Log ID : 1566176504 EVENT TYPE SET TO ADVISED *** 04/04/18 14:41:01 *** WWQ13DMS *** ACKNOWLEDGE Log ID1566176504. UPDATE Summary to reflect and include - Technician to travel on 17 April +++
04/04/2018 00:01:49z	MICAH STRAUGHN	+++ -- Comment dated <04/04/18 00:01:49 by WWQ21MXS> from Parent Log ID : 1566176504 EVENT TYPE SET TO NOTIFY PATQ AWOS SVC-A/WCAM OTS. Dial up good. ASTEC advised hard loop is removed. Referred back to FAA to check our equipment for additional loop. +++
04/03/2018 23:49:19z	MICAH STRAUGHN	+++ -- Comment dated <04/03/18 23:49:19 by WWQ21MXS> from Parent Log ID : 1566176504 WCPOWC advised circuit shows a loop. Notified ATT that the loop has returned. +++
04/03/2018 23:41:18z	MICAH STRAUGHN	+++ -- Comment dated <04/03/18 23:41:18 by WWQ21MXS> from Parent Log ID : 1566176504 ASTEC removed a hard loop in the circuit. Monitoring. ATT will check back in a few. +++
04/02/2018 19:56:49z	JOANNA YOUNGER	+++ -- Comment dated <04/02/18 19:56:49 by WWQ21JY> from Parent Log ID : 1566176504 ATT/JDS rpts ASTEC will be onsite 4/3 if wx holds. +++
03/23/2018 00:30:33z	THOMAS OLDHAM	+++ -- Comment dated <03/23/18 00:30:33 by WWQ21TEO> from Parent Log ID : 1566176504 *** 03/23/18 00:13:09 *** WWQ13JAV *** Please Update Log Summary LIR: 1566176504 to reflect and include: Flight canceled due to deteriorating weather conditions in Atkasuk and Barrow Tech to travel 17 Apr +++
03/21/2018 19:22:34z	ROBERT KINCHELDE	+++

+++
-- Comment dated <03/21/18 19:22:34 by WWQ21RWK> from Parent Log ID : 1566176504
ATT/JDS reports they see a loop in the circuit they can't drop. ASTEC(LEC) scheduled to travel week of 4/1. CATSS/DMS will have ATSS on site
contact SOC to attempt test with telco. ATSS/JAV traveling but currently on WX hold, ATT/MG advised.

+++
03/19/2018 14:33:18z JOANNA YOUNGER
+++
-- Comment dated <03/19/18 14:33:18 by WWQ21JY> from Parent Log ID : 1566176504
EVENT TYPE SET TO ADVISED
*** 03/19/18 14:29:32 *** WWQ13JAV ***
Please Update LIRs Summarys 1566176604 and 1566176504 to reflect and include: Tech to travel 21 Mar.
+++
03/19/2018 10:03:44z CRAIG RENNISON
03/19/2018 10:03:44z CRAIG RENNISON
+++
This is an Associated/Related entry of the Log ID : 1566176504
+++
-- Comment dated <03/19/18 10:02:11 by WWQ21CXR> from Parent Log ID : 1566176504
STATUS SET TO OPEN (O)
EVENT TYPE SET TO NOTIFY
COORDINATION STAGE SET TO
PATQ AWOS SVC-AWCAM OTS. Dial up good, Link status alarm in MASS.
+++

LIR Record Information ▲

Int Condition	IN: INFORMATIONAL ENTRY	Notam			
Coord Status		Repair Time			
Cause Code	LN: LINE (REQ. FOR CC 61/81)	LogOut Abort Text			
Cause Desc		Prime Rec Mode			
Fault Loc		ILS COS? No			
Backup Info	System Start Datetime	Used as Primary End Datetime			
Line ID	Channel	Telco #	Provider	UHF	VHF
1926001	WCAM		ATT		

Related Logs ▲

ID	Type	Ident	Code/Supl/MAC	Int	Start	End	Rel
1566176504	AWOS	ATK	80/ 5/ C	RS	03/19/2018 09:59z		P

Related Facilities ▲

No related facilities found

Coordination Details ▲

No Coordination details found