

Suffern Paul

From: [REDACTED]
Sent: Monday, May 6, 2019 12:46 PM
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: questions regarding HEMS wx tool and FAA requirement documentation for it..
Attachments: [REDACTED]

Hi Paul,

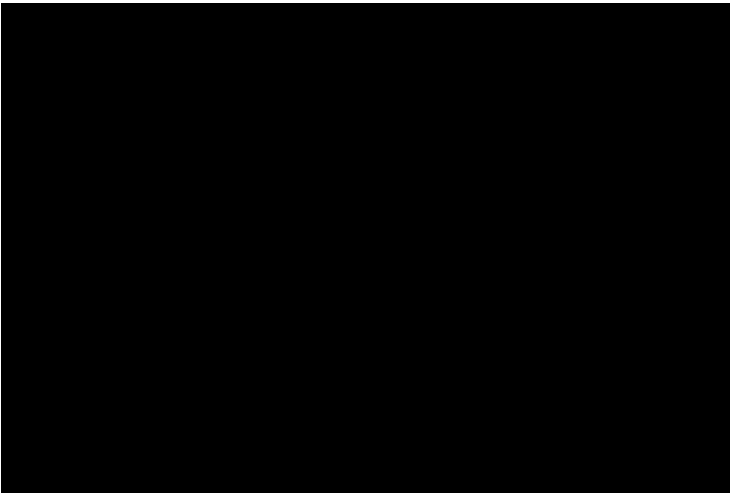
I've done some more digging and I haven't been able to find a requirements letter for the operational HEMS tool. I circled back with the NWS and they don't have a formal requirement on file. We don't either. We do have a requirements letter for the CVA, which is the C&V information provided in the HEMS tool. It is attached. The only other documentation we have is what I've already sent you:

Current Advisory Circulars:

- 00-45H – Aviation Weather Services, last update Jan 2018
 - o 3.7.2 METARs on Aviationweather.gov, p 3-77
 - o 4.2.1 Ceiling and Visibility Analysis (CVA), p 4-13
 - o 6.1 Helicopter Emergency Medical Services (HEMS) Tool, p 6-1
- 135-14B – Helicopter Air Ambulance Operations, March 2015
 - o P 17: “d. Flight Into Locations Without Weather Reporting (refer to § 135.611(a)(3)). In accordance with the provisions of § 135.611(a)(3), the PIC may assess the weather at a departure point where weather reporting is not provided. This is a process where the PIC applies his own professional judgment to determine the weather conditions. The pilot may be assisted by access to enhanced situational awareness provided by the OCC or other aviation or non-aviation weather sources. (See Chapter 6 of this AC and AC 120-96 for more information.)”

Other Background Information:

- HEMS Safety Risk Management Document (SRMD), April 2015
- NTSB Safety Recommendation, Sep 2009
 - o See page 12 and 13 regarding the then experimental HEMS weather tool: “the NTSB believes that this tool should be established as an official tool for obtaining weather information as soon as practicable.”
- Canceled Notice N8000.333, HELICOPTER EMERGENCY MEDICAL SERVICES (HEMS) USE OF THE AVIATION DIGITAL DATA SERVICE (ADDS) EXPERIMENTAL HEMS TOOL, Effective Nov 2006 Canceled Nov 2007



[REDACTED]

From: [REDACTED]

Sent: Wednesday, May 1, 2019 9:32 AM

To: [REDACTED]

Subject: Re: questions regarding HEMS wx tool and FAA requirement documentation for it...

thank you Jenny! very helpful and i appreciate the support. Have a good day,

Paul

Sent: Wednesday, May 1, 2019 9:27:43 AM

To: [REDACTED]

Subject: RE: questions regarding HEMS wx tool and FAA requirement documentation for it...

Hi Paul and David,

I'm still working to get the bottom of where the requirement is documented. I got a hold of one more helpful document, which is probably background more so than answering your requirement question. The attached document is the canceled FAA notice that gave the original guidance for the use of the experimental HEMS tool by HEMS pilots. I know what you're looking for – a letter from the FAA to the NWS to document the requirement for the tool. The people who would have written that letter are no longer with the FAA, but I know where to find them if I can't get the letter through traditional means. There is also a possibility that the requirement was never formally documented and the advisory circulars are all there is. I will find out.

Regards,
Jenny

From: [REDACTED]

Sent: Wednesday, May 1, 2019 8:35 AM

To: [REDACTED]

Subject: Fwd: questions regarding HEMS wx tool and FAA requirement documentation for it...

Jenny,

It looks like what you provided was helpful to the Board. Paul had one more question below. You're more than welcome to email him directly back if you know his answer or you can just email me back.

Thanks again for all your help!!

[REDACTED]

[REDACTED]

Begin forwarded message:

From: [REDACTED]
Date: May 1, 2019 at 8:28:52 AM EDT
To: [REDACTED]
Cc: [REDACTED]
Subject: Re: questions regarding HEMS wx tool and FAA requirement documentation for it...

Hi David,

This is very helpful! I appreciate the support. This is great background information. One more question.. regarding the FAA requirement for this now... where does that fall under? I see the NWS [Service Change Notice 15-20](#) but was curious as to which AC, etc... this HEMS Wx Tool requirement now falls under? I see the training/knowledge for users in AC 00-45H and description therein... but i didn't know where the HEMS Wx tool falls under a specific FAA requirement?

"Pursuant to Title 49 United States Code Section 44720, the Federal Aviation Administration (FAA) establishes requirements for the weather information and services necessary for the safe and efficient conduct of operations in the National Airspace System (NAS). As such, NOAA/NWS may be tasked to provide the weather information and services necessary to meet the requirements established by the FAA. **Operational implementation of the HEMS tool has been identified as an FAA requirement.**"

The background info in these documents outside the above question is perfect. Again, i just want to make sure that when writing up the factual i reference the correct FAA requirement and NWS service change notice... Thank you!

Paul

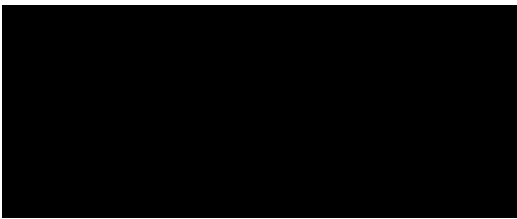
From: [REDACTED]
Sent: Tuesday, April 30, 2019 3:37:13 PM
To: [REDACTED]
Subject: FW: questions regarding HEMS wx tool and FAA requirement documentation for it...

Paul,

Here is some additional information from our Wx folks. See if this document answers your questions.

David

[REDACTED]



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