

National Transportation Safety Board

Office of Aviation Safety

Denver, CO 80239



CEN20FA070

AIR TRAFFIC CONTROL COMMUNICATIONS SUMMARY

ACCIDENT

Location: Springfield, Illinois
Date: January 28, 2020
Time: 1503 central standard time
Airplane: Piper PA-60-601P, Registration No. N6071R

AIR TRAFFIC CONTROL COMMUNICATIONS SUMMARY

The following is a partial communication summary of the radio transmissions between the pilot of the accident airplane (Piper Aerostar, N6071R), the Springfield Approach Controller, and the Springfield Tower Controller on the afternoon of January 28, 2020. Additional radio transmissions between other airplanes and the controller have been omitted for brevity.

Legend

Local time, expressed as central standard time (HH:MM:SS)

Piper PA-60-601P (N6071R)

Springfield (SPI) Approach

SPI Tower

14:40:34 N6071R	Springfield, six zero seven one romeo with you with mike, one zero ten thousand.
14:40:40 SPI Approach	Aerostar six zero seven one romeo, Springfield approach, expect vectors to ILS runway three one zero for approach course, expect lower in nine miles.
14:40:49 N6071R	Okay, thirty-one will be the course and, ah, lower here shortly.
14:41:20 SPI Approach	November seven one romeo, I did have a couple PIREPS from an Embraer and a C-R-J for light to moderate mixed icing at three thousand, descend at pilot's discretion, maintain three thousand.
14:41:32 N6071R	Okay, we go out of one zero ten thousand for three thousand, seventy one romeo.

14:41:43 SPI Approach	November seven one romeo, fly heading three five zero, vectors I-L-S runway three one.
14:41:48 N6071R	(3)50 on the turn, here we go, seven one romeo.
14:48:54 N6071R	and Springfield, six zero seven one romeo, tops are right at three thousand.
14:49:00 SPI Approach	seven one romeo, roger, thank you, seven miles from CALDE, turn left heading three four zero, maintain three thousand until established on the localizer (unintelligible) I-L-S runway three one approach.
14:49:10 N6071R	three four zero on the turn, here we go.
14:49:29 N6071R	and seventy one romeo, we're not picking these navs on thirty one (unintelligible) or thirty one.
14:49:36 SPI Approach	Aerostar seven one romeo, say again.
14:49:39 N6071R	Yup, we still got neg nav lights on thirty one.
14:49:53 SPI Approach	Aerostar seven one romeo, ah, we're getting green indications here (unintelligible) just to verify that you are on one one zero point one five on the localizer?
14:50:01 N6071R	One one zero, three.
14:50:04 SPI Approach	and its one one zero point one five, would you like revector for the approach?
14:50:10 N6071R	Is it one one zero, five?

14:50:13 SPI Approach	It is one one, ah, zero point one five. one one zero point one five. ten point one five.
14:50:19 N6071R	(unintelligible)
14:50:24 SPI Approach	November seven one romeo verify that you are established on the localizer.
14:50:27 N6071R	We are on the localizer, seven one, ah, romeo.
14:50:31 SPI Approach	roger, thank you.
14:50:40 SPI Approach	November seven one romeo, are you picking up the glideslope also?
14:50:43 N6071R	Yes we are.
14:50:45 SPI Approach	November seven one romeo, roger, thank you, contact tower one two one point three.
14:50:49 N6071R	twenty one three, so long.

14:50:58 N6071R	and tower, ah, seventy one romeo, with you, ah, inbound.
14:51:03 SPI Tower	Aerostar six zero seven one romeo, Springfield tower, report established.
14:51:08 N6071R	We're established, seventy one romeo.

14:51:10 SPI Tower	Seventy one romeo, roger, runway 31 cleared to land and, ah, citation will be departing prior to your arrival.
14:51:16 N6071R	Okay, cleared to land, here we (unintelligible).
14:51:25 SPI Tower	Aerostar seven one romeo appear slightly left of course.
14:51:28 N6071R	correcting.
14:51:43 SPI Tower	seven one romeo appear on course.
14:51:46 N6071R	seventy one romeo, it looks like we went through the course.
14:51:56 SPI Tower	seven one romeo, ah, cancel any clearance, climb and maintain three thousand, turn right heading three six zero.
14:52:02 N6071R	Okay (unintelligible) thousand, here we go, seventy one romeo.
14:52:11 SPI Tower	seven romeo lima, again, cancel any clearance, climb and maintain three thousand, turn right heading three six zero.
14:52:16 N6071R	three six zero on the turn, here we go, seventy one romeo.
14:52:37 SPI Tower	seven one romeo, contact departure, they'll vector you around for another, ah, approach here, you were, ah, right left of course we, ah, it just didn't look safe from here so contact departure one two six point one five.
14:52:47 N6071R	twenty six fifteen, we've got it.

14:53:10 N6071R	and depart (unintelligible) six zero seven (unintelligible) three six zero on the heading.
14:53:17 SPI Approach	November six zero seven one romeo, Springfield departure, radar contact, would you like ILS two two or ILS runway three one?
14:53:24 N6071R	(unintelligible).
14:53:29 SPI Approach	Aerostar six zero seven one romeo, the transmission was intermittent, how do you hear departure?
14:53:34 N6071R	Yeah, we've got departure, we're (unintelligible) three thousand, three six oh.
14:53:38 SPI Approach	Aerostar seven one romeo, ah, roger, the winds at two eight zero at four, would you like, ah, to try the I-L-S three one again or the I-L-S two two?
14:53:45 N6071R	How about we go back to three one?
14:53:49 SPI Approach	November seven one romeo, turn right heading zero niner zero, vectors for I-L-S runway three one front approach course.
14:53:55 N6071R	Zero nine zero on the turn for, ah, seventy one romeo, here we go.
14:54:11 SPI Approach	And Aerostar seven one romeo, are you having some issues with your nav head?
14:54:15 N6071R	Yup.

14:54:17 SPI Approach	Aerostar seven one romeo, would you like an ASR into Springfield, we can do an ASR for you into here if you would like that.
14:54:23 N6071R	(unintelligible).
14:54:27 SPI Approach	And Aerostar seven one romeo, ah, your transmissions are intermittent, and, ah, just to verify, are you having any electrical issues?
14:54:33 N6071R	Ah, that's negative.
14:54:35 SPI Approach	Alright seven one romeo, roger, got you loud and clear on that, and, ah, I understand that you want to continue with I-L-S three one?
14:54:39 N6071R	Yeah, we will just do three one over again and, ah, we're picking up a little ice.
14:54:45 SPI Approach	November seven one romeo, roger, now just advise if you would like the ASR approach we can work that out also if you need that if your equipment failed.
14:54:52 N6071R	Okay, no we will try it again, it just, ah, took off when we, ah, (unintelligible) when we were ah about twenty three hundred.
14:55:02 SPI Approach	November seven one romeo, roger.
14:55:22 SPI Approach	November seven one romeo, turn right heading one three zero, now are you still picking up any icing?
14:55:27 N6071R	Ah, no, actually we are above it at three thousand right here.

14:55:32 SPI Approach	November seven one romeo, roger.
14:55:35 N6071R	three oh on the heading, here we go.
14:56:10 SPI Approach	November seven one romeo, do you still have the gear down, or do you have it retracted?
14:56:15 N6071R	(unintelligible) gear is still down.
14:57:46 SPI Approach	November seven one romeo, turn right heading two two zero.
14:57:50 N6071R	two two oh on the turn, here we go, seventy one romeo.
14:58:09 SPI Approach	November seven one romeo, verify you are picking up the localizer.
14:58:12 N6071R	Oh yeah, we're picking up the localizer, seventy one romeo.
14:58:15 SPI Approach	Roger, thank you.
15:00:09 SPI Approach	November seven one romeo, six miles from CALDE, turn right heading two eight zero, maintain three thousand until established on the localizer, cleared I-L-S runway 31 approach.
15:00:19 N6071R	Okay, here we go, two eight oh on the turn, and three thousand until established, seventy one romeo.
15:02:03 SPI Approach	Aerostar seven one romeo, is everything looking good now, we are showing you on course.

15:02:07 N6071R	Yup, looking good.
15:02:11 SPI Approach	Aerostar seven one romeo, contact tower.
15:02:14 N6071R	Contact tower, seventy one romeo.

15:02:37 SPI Tower	Aerostar six zero one.
15:02:45 SPI Tower	Aerostar six zero seven one romeo, Springfield tower, how do you hear?
15:02:47 N6071R	We've got a prob (transmission cut off).
15:02:49 SPI Tower	Six zero seven one romeo, roger, are you able to climb?
15:02:54 Unknown	(modulation no voice).
15:02:56 SPI Tower	Six seven, climb and maintain three thousand, seven one romeo climb and maintain three thousand.
15:03:05 SPI Tower	Aerostar six zero seven one romeo, Springfield tower, climb and maintain three thousand.
15:03:15 SPI Tower	(unintelligible) climb and maintain three thousand, climb and maintain three thousand, turn left heading one eight zero.
15:03:41 SPI Tower	seven zero seven, correction, six zero seven one romeo, Springfield tower, how do you hear?

15:04:25
SPI Tower six seven zero seven romeo, Springfield tower, how do you hear?

15:02:37
SPI Approach Low altitude alert, november seven one romeo, check your
altitude immediately you still on frequency?

15:03:06
SPI Approach Aerostar six zero seven one romeo, if you can hear this
transmission, climb and maintain three thousand and immediately
fly one eight zero.

15:04:34
SPI Approach November six zero seven one romeo, Springfield approach.

--- End of Summary ---