SECTION 9.
Transcription of Voice Recording(s)



Memorandum

Date: April 17, 2014

To: Aircraft Accident File ZJX-ARTCC-0231

From: Jacksonville Air Route Traffic Control Center

Subject: INFORMATION: Partial Transcript

Aircraft Accident, N923RS Brunswick, GA, March 24, 2014

This transcription covers the Jacksonville Air Route Traffic Control Center (ARTCC) D73 RA position for the time period from March 24, 2014, 2122 UTC, to March 24, 2014, 2235 UTC.

Agencies Making Transmissions	Abbreviations
N923RS	N923RS
Jacksonville ARTCC Allendale Radar Position	R73
R26527	R26527
Unknown	UNK
Jacksonville ARTCC Allendale Radar-Associate Position	D73
Beaufort ATCT	NBC
ATLANTIC SOUTHEAST AIRLINES (ATLANTA, GA), ASQ5527	ASQ5527
Jacksonville ATCT	JAX
N89RP	N89RP
N505GF	N505GF
N75VB	N75VB
Savannah ATCT	SAV

I certify that the following is a true transcription of the recorded conversations pertaining to the subject Aircraft Accident involving N923RS.

Constance W. Gahris Staff Support Specialist, Quality Control Jacksonville ARTCC

2122 (2123-2126) 2127

2127:23 N923RS denter seminole niner two three romeo sierra with you at eight thousand

ZJX-ARTCC-0 N923RS	231	
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2127:28	R73	seminole niner two three romeo sierra jax brunswick altimeter three zero zero eight
2127:32		all right three zero zero eight niner two three romeo . sierra
2128 (2129-2131) 2132		
2132:24	R73	attention all aircraft we've got airmets uh sierra tango zulu for the southeastern u s and coastal waters further information available on hiwas flight watch or flight service
2133 (2134-2138)		
2139 2139:27	R73	november nine two three romeo sierra jax
2139:42	R73	november nine two three romeo sierra jax
2139:54 2140	R73	november niner two three romeo sierra jax center
2140:36	R73	november niner two three romeo sierra jax center how do you hear
2141		
2141:33	R73	army two six five two seven jax
2141:43	R73	army two six five two seven jax
2141:47	R26527	ah two six five two seven go
2141:48	R73	could you do me a big big favor
2141:51	R26527	sure what can i do for you
2141:53	R73	ah could you reverse course head over towards golden isles about seven north your position i had a uh a p a forty four at eight thousand in your vicinity uh i uh saw him go down about three hundred feet and then uh completely lost him on radar i don't know if it was full electrical failure or what out i lost him right over the golden isles airport

Page		

2142:13	R26527	uh you need me to head back to golden isles uh give me a second i need to find out if i have fuel if you give me a heading right now i can start the turn
2142:20	R73	yeah yeah i understand the fuel situation uh be a three fifty from your present position
2142:25	R26527	okay we are un we are right three five zero
2142:28	R73	appreciate it
2142:56 2143	R73	november nine two three romeo sierra jax center
2143:11	R26527	jax center army two six five two seven
2143:13	R73	yes sir
2143:14	R26527	i'm gonna need you to descend me to probably two thousand five hundred so i can get out of the clouds
2143:20	R73	army two six five two seven roger and uh ah at your discretion maintain uh two thousand and again it's a twin it's a twin engine uh p a forty four
2143:35 2144	R26527	okay five two seven we'll be searching
2144:33	UNK	hey jax what was the origin of that p a forty four
2144:55	R73	and i had a question here
2144:57 2145	TINK	yeah what was the origin of that p a forty four
2145:07	R73	army two six five two seven he was just east of the golden isles airport southbound at eight and then uh i showed him at three hundred feet low and then uh i i lost '(everything didn't even get a) primary on him
2145:32	D73	peaufort approach allendale
	2142:20 2142:25 2142:28 2142:56 2143:11 2143:13 2143:14 2143:20 2143:20 2143:35 2144 2144:33 2144:55 2144:57 2145:07	2142:20 R73 2142:25 R26527 2142:28 R73 2142:56 R73 2143:11 R26527 2143:13 R73 2143:14 R26527 2143:20 R73 2144:33 UNK 2144:33 UNK 2144:55 R73 2144:57 UNK 2145:07 R73

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Page	- 73	m.	7.7

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2145:34	NBC	beaufort
2145:36	D73	are you working that november one two four delta romeo
2145:37	NBC	i am
2145:38	NBC	uh i took radar on him he's not talking to me yet
2145:42	D73	yeah we're we're trying to find uh an aircraft down around brunswick but uh we'll switch him here to you in a minute and piedmont on as well
2145:49	NBC	okay thanks
2145:50	D73	tango xray
2145:51	NBC	tango pop
2145:56 2146	ASQ5527	nothing (unintelligible) around the area either
2146:22	R26527	and jax center army two six five two seven
2146:37	R73	army two six five two seven go ahead
2146:40	R26527	ah army two six five two seven we have ah golden isles in sight we see no uh we don't see that aircraft anywhere in the area
2146:48	R73	okay
2146:54		army two six five two seven roger i do show a v f r track nine hundred appears to be in your general vicinity use caution there and i i thanks for looking and uh if you want to uh head back south that that'd be fine also if
2147:15	R/3	un that he may have gone in there as well

N923RS		
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2147:20	R26527	uh five two seven wilco and un do you have contact with uh with golden isles yet
2147:27	R73	army two six five two seven and uh for mckinnon airport about a one forty heading for that you're asking what are you asking about on golden isles
2147:36	R26527	i just wanted to know if you had communication with golden isles or if you need me to *(see if they) landed
2147:40	R73	uh i've we've got uh we've got communications with the f b o there uh they can do a ramp check for us i have a i have a regional jet just departed out of there he didn't see it either
2147:55	R26527	okay uh what we're gonna do is uh we'll head toward malcolm mckinnon and we're going to have to expedite our uh our check down south
2148:02 2149 2150	R73	okay understand
2150:24	R26527	(unintelligible) army two six five two seven no uh uh we have no visual on the aircraft that uh may be down in the vicinity of golden isles or mckinnon we're gonna turn (unintelligible)
2150:35	R73	army two six five two seven appreciate all your help there maintain four thousand thank you
2150:40 2151 2152 2153	R26527	five two seven four thousand
2153:56	R73	army two six five two seven contact jax approach one two seven point zero
2154		
2154:04	R73	army two six five two seven appreciate your help contact jax approach one two seven point zero

2154:09 R26527 twenty seven nothing for uh army five two seven you bet

bye

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2155 2156		
2156:52	D73	jax north brunswick jekyli
2156:54	D73	thirty one
2156:58	JAX	north
2156:59	D73	coordination you might be showing him overdue right now november nine two three romeo sierra
2157:01	JAX	yeah
2157:02	D73	uhm we we lost radar on him over the brunswick golden isles airport
2157:07	JAX	ökay
2157:09	D73	so if if you could block eight thousand for him and
2157:11	JAX	i'll look for him yep (unintelligible)
2157:12 2158 (2159-2203)	D73	thank you t x
2204 2204:04	D73	okay relief briefing checklist is up status board is up to date equipment is functioning normally here there's no outages on the board concerning us weather everybody's asking for instruments er actually no they they're doing the visuals now uhm it's kinda marginal okay were you here earlier no no i haven't worked these sectors yet okay i know what's going on now yeah it's marginal *(up) a little above altimeters support flight level one eight zero special use is up there sealord is up to ten surface to the surface to five elsewhere yeah see where it is

yeah where it is not gotcha charlotte atlanta metering jax is runway eight operations and uh traffic november uh nine two three romeo sierra is uh cleared off of there i'm sorry no he's (unintelligible) niner romeo papa is cleared off of there all right all right i know about the

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uh other guy nine two three romeo sierra is the guy that dropped off our radar at eight thousand uhm hm i called jax and told him i called jax okay and the tower i called the sup they said they are looking for him too yeah uhm right now that uh six five niner juliett at seven thousand he's routed right right through there all right i put a new route and *(hold) time that'll get him around it sardi uh savannah sardi asheville okay and that is all that's going on the the other one uh five zero five golf foxtrot is the next one coming off uh huh heard him clear him off there i got this guy capped over here nine two three romeo sierra okay and that's that's *(everett) that's it all right t x

2206

2206:08 N89RP on the e 1 t nine romeo papa

2206:09 R73 nothing on it you say

2206:10 N89RP that's correct negative

2206:11 R73 all right thanks for checking 2207

2207:56 D73

all right jason you have brunswick and allendale here two three alpha i'll fix that yeah savannah direct all right let's see savannah he just needs uh monia victor four forty one gainesville you've got time to do that here once we get you briefed in he's way up by brown north of brown yeah all right status board is up and posted dark radar comm works and notams you know where to find 'em weather uh marginal v m c out there he said they're doing visuals now okay they were doing approaches earlier warning restricted areas moas one fifty seven alpha north is ten thousand everything else is five thousand over land alpha bravo charlie to fourteen thousand delta echo to ten bulldogs are hot and we got rob roy drawn up that went cold okay eh restrictions runway eight at jax special ops get back to that non r v s m comm status traffic okay special ops look at the data block for at brunswick nine three nine two three romeo sierra he was southbound at eight thousand and fell off the radar so oh okay an alnot put out for him uh they been looking looking for him listening for him and were look can't find him right now so but everybody approach has been told if they hear to let us know they ckay checked e 1 t's and they're calling the sheriff up at the watch desk so other than that you've got a bad route on this guy going to sarasota uhm hm from victor four forty one to

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2210		gainesville that's all i got to add right now i just sat down questions uhm nope
(2211-2212)		
2213 2213:22	R73	november five zero five golf foxtrot contact jax center one two seven point five seven
2213:27	N505GF	twenty seven fifty seven and negative on the e 1 t
2213:30 2214 (2215-2217) 2218	R73	appreciate you checking
2218:27	N75VB	(unintelligible) on the ground at golden isles with a request
2218:30	R73	someone on uh on the ground who's got that
2218:35 2219	R73	someone on the ground at golden isles again
2219:09	R73	i had somebody at golden isles
2219:11	N75VB	gulfstream seven five victor bravo on the ground at golden isles with a request
2219:14	R73	okay say request
2219:17	N75VB	ah yes sir we're uh *(ah maybe) just fifteen twenty minutes away from starting up we're just doing a maintenance flight uhm we heard a rumor that there's an alroraft that went down on the uhm the uh east side of the field off of runway two five is that gonna affect us at all
2219:31	R73	well i uh i don't know that he went down i just uh he was on radar i i lost him just east of golden isles there but at that time he was at eight thousand now he may have been a full electrical failure i don't know but uh we haven't we've lost communications but uh as far as you getting out of that field there's no issue there

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2219:48	N75VB	okay thank you sir uhm i'll give you a call when we're holding short of runway seven for seven five victor bravo
2219:53 2220 2221 2222	R73	bkay
2222:12	D73	savannah south eighty five brunswick jekyll i've got a question
2222:16	SAV	savannah i didn't do it
2222:17	D73	hey uh
2222:18	SAV	what
2222:19	D73	niner two three romeo sierra he went through your airspace about uh thirty five four forty minutes ago
2222:23	SAV	okay
2222:24	D73	uhm and uh we just lost lost him on on radar on two one four five zulu and i we were wondering if it might be an electrical failure or anything have you heard anything from an aircraft like that maybe turned back northbound
2222:37	SAV	okay he came from me to you
2222:39	D73	affirmative he was uh uh columbia allendale
2222:41	SAV	what what's the call sign
2222:42	D73	uh november niner two three romeo sierra his route through your airspace would have been allendale uh from allendale then south to brunswick
2222:51	SAV	nine two three romeo sierra i i'll go look it up *(and see if i'll get it to you) i haven't heard of anything coming

and on five or ten depending upon where you're at over

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here patchy shelf is still depicted i think that's ten right there a b and c are fourteen d and e are ten still hot here at the un the bulldogs runway eight at jax uhm i'll take this so they don't start whining starting from here so that's new new brunswick freq that was apreged but he's leveled off now cut him loose just going to twenty two voided at three five i've got a golden isles guy uh looking for clearance too you'll hook him up he's the only one i got no he's not uh two seven eight five zero it's a * (p a thirty one) all right i'm going to ignore him okay new stuff this one here went uh southbound to *(scope) everybody's looking for him we've we've done everything we can do with him right now okay uh dave can fill you in later on him if you want some details all right but anyway he's our special ops and that's keep an eye and that's everything okay questions i have no questions okey dokey thanks jason

2230 (2231-2234) 2235

End of Transcript

*This portion of the copy of the recording is not entirely clear, but this represents the best interpretation possible under the circumstances.



Memorandum

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Aircraft Accident, N923RS Brunswick, GA, March 24, 2014

This transcription covers the Jacksonville Air Route Traffic Control Center (ARTCC) R73 R position for the time period from March 24, 2014, 2038 UTC, to March 24, 2014, 2235 UTC.

Agencies Making Transmissions	Abbreviations
N923RS	N923RS
Jacksonville ARTCC Allendale Radar Position	R73
Columbia ATCT	CAE
Savannah ATCT	SAV
R26527	R26527
Unknown	UNK
ATLANTIC SOUTHEAST AIRLINES (ATLANTA, GA), ASQ5527	ASQ5527
N988EC	N988EC
N89RP	N89RP
N505GF	N505GF
N75VB	N75VB
Jacksonville ATCT	JAX

I certify that the following is a true transcription of the recorded conversations pertaining to the subject Aircraft Accident involving N923RS.

Constance W. Gahris
Staff Support Specialist, Quality Control
Jacksonville ARTCC

2038 (2039-2042) 2043

2043:08 N923RS *(jax this is) seminole miner two three romeo sierra with you at eight thousand

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2043:14	R73	november niner two three romeo sierra jax center the uh augusta altimeter three zero one one
2044 (2045-205	5)	
2056 2056:30	R73	november nine two three romeo sierra contact savannah approach one two five point three good day
2056:46	R73	november nine two three romeo sierra jax
2056:57	R73	columbia twelve allendale
2057:00	CAE	columbia
2057:01	R73	could you see if uh nine two three romeo sierra went batto your frequency put him on me
2057:04	CAE	(unintelligible)
2057:05	CAE	nine two three romeo sierra
2057:06	R73	yes
2057:07	CAE	*(juliett) bravo
2057:44 2058	R73	november nine two three romeo sierra jax ident
2058:05	R73	savannah north allendale fifty four
2058:07	SAV	savannah north
2058:08	R73	did november nine two three romed sierra come over
2058:10	SAV	yes he did
2058:11	R73	all right thanks

1:	ZJX-ARTCC-0 N923RS	231	
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	2058:11 2059 2100	SAV	*(b) k
	2100:30	SAV	allendale (unintelligible) fifty four point out
- 1	2100:32	R73	allendale
	2100:33	SAV	yeah at the corner between me you and uh beaufort code three six three four uh dog inbound to savannah descending out of ninety seven hundred for uh four thousand
4.	2100:41	R73	yeah point out approved sorry about romeo sierra
- 1	2100:43	SAV	hey no problem
. 1	2100:44	R73	(unintelligible) warning area there
9	2100:45 2101 (2102-2126) 2127	SAV	yeah no problem yeah yeah
	2127:23	N923RS	center seminole niner two three romeo sierra with you at eight thousand
1	2127:28	R73	seminole niner two three romeo sierra jax brunswick altimeter three zero zero eight
	2127:32 2128 (2129-2131) 2132	N923RS	all right three zero zero eight niner two three romeo sierra
	2132:24	R73	attention all aircraft we've got airmets uh sierra tango zulu for the southeastern u s and coastal waters further information available on hiwas flight watch or flight service
	2133 (2134-2138) 2139		
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ZJX-ARTCC- N923RS	-0231	
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2141:47	R26527	ah two six five two seven go
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2142:13	R26527	un you need me to head back to golden isles un give me a second i need to find out if i have fuel if you give me a heading right now i can start the turn
2142:20	R73	yeah yeah i understand the fuel situation uh be a three fifty from your present position
2142:25	R26527	okay we are uh we are right three five zero
2142:28	R73	appreciate it
2142:56 2143	R73	november nine two three romeo sierra jax center
2143:12	826527	jax center army two six five two seven

ASQ5527 nothing (unintelligible) around the area either B26527 and jax center army two six five two seven 2146:37 R73 army two six five two seven go ahead

2146

2146:22

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2146:40	R26527	ah army two six five two seven we have ah golden isles in sight we see no un we don't see that aircraft anywhere in the area
2146:48	R73	okay
2146:54	R73	army two six five two seven roger i do show a v f r track nine hundred appears to be in your general vicinity use caution there and i i thanks for looking and uh if you want to uh head back south that that'd be fine also if if you wouldn't mind just ah flying ah just west of uh malcolm mckinnon airport just uh for a chance uh that he may have gone in there as well
2147:20	R26527	uh five two seven wilco and uh do you have contact with uh with golden isles yet
2147;27	R73	army two six five two seven and un for mckinnon airport about a one forty heading for that you're asking what are you asking about on golden isles
2147:36	R26527	i just wanted to know if you had communication with golden isles or if you need me to *(see if they) landed
2147:40	R73	uh i've we've got uh we've got communications with the f b o there uh they can do a ramp check for us i have a i have a regional jet just departed out of there he didn't see it either
2147:55	R26527	okay un what we're gonna do is un we'll head toward malcolm mckinnon and we're going to have to expedite our un our check down south
2148:02 2149 2150	R73	okay understand
2150:24	R26527	(unintelligible) army two six five two seven no uh uh we have no visual on the aircraft that uh may be down in the vicinity of golden isles or mckinnon we're gonna turn (unintelligible)

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2150:35	R73	army two six five two seven appreciate all your help there maintain four thousand thank you
2150:40 2151 2152 2153	R26527	five two seven four thousand
2153:56	R73	army two six five two seven contact jax approach one two seven point zero
2154		
2154:04	R73	army two six five two seven appreciate your help contact jax approach one two seven point zero
2154:09	R26527	twenty seven nothing for uh army five two seven you bet bye
(2156-2202	2)	
2203:02	R73	november nine eight echo charlie jax
2203:04	N988EC	yeah go ahead for echo charlie
2203:06	R73	yeah if you would just uh monitor one twenty one five and let me know if you're picking up any e l t's
2203:10 2204	N988EC	(unintelligible) that
2204:16	R73	november eight nine romeo papa if you would uh monitor one two one point five let me know if you're picking up any e 1 t's
2204:20	N89RP	eight nine romeo pop will do it
2204:23	N988EC	echo charlie not getting anything there
2204:25 2205	R73	okay thanks for your check
2206:00	B73	lear eight nine romeo pop contact jax center one two seven point five seven
2206:06	N89RP	two seven five seven we have nothing on the e I t nine

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		romeo papa
2206:09	R73	nothing on it you say
2206:10	N89RP	that's correct negative
2206:11 2207 2208 2209	R73	all right thanks for checking
2209:05	R73	november five golf foxtrot if you would uh monitor one two one five let me know if you're picking up an e l t
2209:10 2210 (2211-2212) 2213	N505GF	will do golf fox
2213:22	R73	november five zero five golf foxtrot contact jax center one two seven point five seven
2213:27	N505GF	twenty seven fifty seven and negative on the e 1 t
2213:30 2214 (2215-2217) 2218	R73	appreciate you checking
2218:27	N75VB	(unintelligible) on the ground at golden isles with a request $% \left(1\right) =\left(1\right) \left(1\right) +\left(1\right) \left(1\right) \left(1\right) +\left(1\right) \left(1\right) \left(1\right) \left(1\right) +\left(1\right) \left(1\right) \left($
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2219:14	R73	okay say request

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2219:17	N75VB	ah yes sir we're uh *(ah maybe) just fifteen twenty minutes away from starting up we're just doing a maintenance flight uhm we heard a rumor that there's an aircraft that went down on the uhm the uh east side of the field off of runway two five is that gonna affect us at all
2219:31	R73	well i uh i don't know that he went down i just uh he was on radar i i lost him just east of golden isles there but at that time he was at eight thousand now he may have been a full electrical failure i don't know but uh we haven't we've lost communications but uh as far as you getting out of that field there's no issues there
2219:48	N75VB	okay thank you sir uhm i'll give you a call when we're holding short of runway seven for seven five victor bravo
2219:53 2220 2221	R73	okay
2221:17	R73	north brunswick thirty one
2221:19	JAX	north
2221:20	R73	yeah you knew '(earlier) we were looking we're looking for that nine
2221:22	JAX	three romeo sierra
2221:23	R73	yeah
2221:23	JAX	yeah we're still locking
2221:24	R73	have you have you guys just uh worked him or
2221:26	JAX	we have not worked him or a
2221:27	R73	(unintelligible)

ZJX-ARTCC-0231 N923RS Page 10 of 11 2221:27 JAX yeah 2221:27 UNK (unintelligible) 2221:28 JAX yeah 2221:29 JAX veah 2221:30 R73 okey dokey 2221:31 JAX (unintelligible) 2221:31 R73 k e 2222

> here we go status good equipment's working uh eighteen works uh pretty breezy i believe at least it was twenty to twenty six knots twenty four there at mckinnon uh light rain looking for clearances out of there uhm off and on five or ten depending upon where you're at over here patchy shelf is still depicted i think that's ten right there a b and c are fourteen d and e are ten still hot here at the uh the bulldogs runway eight at jax uhm i'll take this so they don't start whining starting from here so that's new new brunswick free that was apreced but he's leveled off now cut him loose just going to twenty two voided at three five i've got a golden isles guy uh looking for clearance too you'll hook him up he's the only one i got no he's not uh two seven eight five zero it's a '(p a thirty one) all right i'm going to ignore him okay new stuff this one here went uh southbound to '(scope) everybody's looking for him we've we've done everything we can do with him right now okay uh dave can fill you in later on him if you want some details all right but anyway he's our special ops and that's keep an eye and that's everything okay questions i have no questions okey dokey thanks jason

2230 (2231-2234) 2235

(2223-2228) 2229 2229:34

R73

End of Transcript

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*This portion of the copy of the recording is not entirely clear, but this represents the best interpretation possible under the circumstances.

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