



US Department
of Transportation

**Federal Aviation
Administration**

Memorandum

Subject: **INFORMATION**: Full Transcript;
Miscellaneous Investigation ZKC-01-027;
September 11, 2001

Date: April 1, 2004

From: Kansas City ARTCC

Reply to
Attn. of:

To: Manager,
Air Traffic Investigations Division, AAT-200

This transcription covers the Kansas City ARTCC, D98 manual position for the time period from 09/11/01, 1310 UTC to 09/11/01, 1324 UTC.

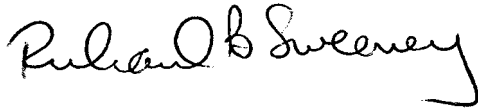
Agencies Making Transmissions

Kansas City ARTCC, R98 (Rock High Radar)
Chicago ARTCC, G45 (Roberts High)
Memphis ARTCC, M63 (Clarksville High)
Northwest Airlines Flight #570
America West Airlines Flight #681
Kansas City ARTCC, D94 (Fargo High Manual)
American Airlines Flight #1242
Indianapolis ARTCC, (Unknown Sector)
Delta Airlines Flight #1716
Southwest Airlines Flight #135
Delta Airlines Flight #231
Northwest Airlines Flight #585
Indianapolis ARTCC, I91 (Impel High)
Indianapolis ARTCC, I80 (King High)
United Airlines Flight #95
Chicago ARTCC, (Unknown Sector)
America West Airlines Flight #533
U.S. Air Flight #2415
America West Airlines Flight #49
United Parcel Service Flight #2901
America West Airlines Flight #779
Continental Airlines Flight #1535
Kansas City ARTCC, R94, (Fargo High Radar)

Abbreviations

R98
G45
M63
NWA570
AWE681
D94
AAL1242
ZID
DAL1716
SWA135
DAL231
NWA585
I91
I80
UAL95
ZAU
AWE533
USA2415
AWE49
UPS2901
AWE779
COA1535
R94

I hereby certify the following is a true transcription of the recorded conversations pertaining to the subject aircraft accident involving AAL77:



Richard B. Sweeney
Air Traffic Control Specialist
Kansas City ARTCC

1310:15 R98 delta twenty ninety nine contact kansas city center one two five point seven two

1310:53 G45 fargo roberts three point out

1311

1311:04 UNKNOWN clarksville thirty three

1311:06 M63 clarksville

1311:07 UNKNOWN ah

1311:25 NWA570 northwest five seventy checking in three seven oh

1311:29 R98 northwest five seventy kansas city center roger

1311:32 UNKNOWN king coves six three king

1312

1312:06 R98 cactus six eighty one contact kansas city center one two five point seven two

1312:11 AWE681 cactus six eighty one two five seven two so long

1312:18	D98	sector ninety eight
1312:20	D94	ninety four pointout delta twenty one fifty eight flight level three seven zero southeast bound --- over by saint louis
1312:26	D98	delta twenty one fifty eight point out approved
1312:27	D94	a g
1312:28	D98	(unintelligible)
1312:46	AAL1242	center american twelve forty two three seven oh
1312:49	R98	american twelve forty two kansas city center roger
1312:57	AAL1242	and center american twelve forty two you got time for a question
1313		
1313:01	R98	go ahead
1313:02	AAL1242	do you know like uh coming out of d f w they'll usually give us direct to fort wayne then we get uh on the last frequency they give us back direct to brickyard and then fort wayne and then da down the road after then they'll give us vectors which will turn us towards fort wayne is there some kind of an airspace restriction or somethin out here why they do that
1313:23	R98	yeah they have a uh restriction out that kansas city any aircraft coming through kansas city center going to detroit can't go past the fur the clo the furthest we can clear ya is brickyard --- at the set in set in stone i can't change it uh without uh prior coordination right up when in so indianapolis can do the spacing they use brickyard as the spacing fix and that's why you get turned away from brickyard toward fort wayne is when they're they got another aircraft they're trying to get behind ya

and they want to shortcut ya if we clear everybody to fort wayne they don't get a chance to do that they have to have 'em in trail a beam a brickyard uh for going into detroit

1313:59 AAL1242 o k so ah there's the next so that to ask direct to fort wayne wouldn't do any good til we get to what ah to the next frequency

1314

1314:08 R98 yeah when your talkin to indianapolis center that's when ah the the direct fort wayne they can do it if if memphis center gives it to you we're just required to put you back over brickyard

1314:16 AAL1242 o k real good appreciate it thanks

1314:18 R98 yes sir a and there is a logic to it it just that the controllers down there is memphis center don't understand they probably gave you fort wayne to break a tie with some converging traffic somewhere else and and they're not aware that well you can't go to fort wayne not not til you get a little closer there

1314:32 AAL1242 yeah i guess down there in memphis they don't understand i thought everybody was just mad but i guess there is something to it thanks

1314:37 R98 no trust me we we don't do things just to be doing it we we try to keep it as simple as possible with it but we got also take in account the requirements that next guy when he's got in twenty minute period he's got to put thirty or forty airplanes in a line going into detroit over one fix if we got to give him something to work with

1314:52 AAL1242 yeah o k yeah i just thought it was kind of unusual that they would re-clear us back direct to indy and then give us vectors for fort wayne but ah i understand it now

1315

1315:02 R98 o k now i'm not doing this to punish you but i got traffic that's going to run over you and since you are going to detroit i'm gonna start you

down here descend and maintain flight level three five zero american
twelve forty two

1315:12 AAL1242 o k out of thirty seven three five oh american twelve forty two

1315:16 R98 united eighty one fifty one contact kansas city center one two five
point seven

1315:17 ZID rock on the sixty three line

1315:20 D98 rock

1315:21 ZID anybody tell you about this american seventy seven coming yet

1315:24 D98 no

1315:25 ZID o k you should have a flight plan on him it's american seventy seven

1315:29 D98 o k

1315:30 ZID o k we have lost his transponder no radios we're blocking for him out
there at thirty five coming down j one thirty four estimating carol at
one three three eight

1315:45 D98 o k

1315:46 ZID alright

1315:46 D98 all alright thanks

1315:47	ZID	yep
1315:47	D98	(unintelligible)
1315:47	ZID	(unintelligible)
1315:49	AAL1242	down to three three oh american twelve forty two
1315:51	DAL1716	kansas city delta seventeen sixteen is with you three five zero
1316:00	SWA135	kansas city do you have ah frequency change for southwest one thirty five
1316:04	R98	southwest one thirty five affirmative kansas city center one two five point seven two
1316:08	SWA135	twenty five point seven two you have a good morning now southwest one thirty five
1316:13	UNKNOWN	(unintelligible)
1316:22	NWA570	kansas city northwest five seventy just wanted to make sure we checked in with you
1316:26	R98	northwest five
1316:28	D94	ninety four
1316:29	D98	sector ah ninety eight you got a second

1316:31	D94	go ahead
1316:33	D98	american seventy seven you have strips on him
1316:34	D94	uh --- no but he's been throwing strips away a a l seven seven niner
1316:42	D98	(unintelligible) you'd better pull him up
1316:45	D94	d d one four nine enter --- can you pull this can you keep that stuff out of the way so i ninety eights got some --- what's going on i can't see he's got (unintelligible)
1316:54	D98	you got american seventy seven is nordo and no transponder he's estimating carol at one three three eight
1317		
1317:01	D94	nordo and no transponder
1317:02	D98	affirmative he's at thirty five ah nobody knows where he is
1317:06	D94	lovely o k thanks
1317:07	D98	o k thank you
1317:08	D98	(unintelligible)
1317:08	D94	(unintelligible)
1317:09	R98	ah two thirty one go ahead
1317:12	DAL231	yeah we uh suppose to go up to three nine zero but want to make sure

the ride is uh pretty good up there ah do you ah had any reports up at three nine

1317:20 R98 and that's delta two thirty one

1317:22 DAL231 affirm

1317:23 R98 delta two thirty one uh we haven't had any complaints you need to be with kansas city center one two five point seven two please

1317:30 DAL231 twenty five seventy two we'll see ya

1317:33 NWA585 kansas city northwest uh five eight five

1317:51 D98 impel rock twenty four

1318

1318:01 D98 impel rock twenty four

1318:03 I91 (unintelligible)

1318:04 D98 that uh reference to american seventy seven

1318:05 I91 yeah

1318:06 D98 uh is that estimate good or are you just got guessing cause you not real sure where he is

1318:11 I91 that is a very ball park estimate

1318:14 D98 o k when was the last time you heard from him

1318:16 I91 um about two sectors ago near fallmouth --- just south of cincinatti

1318:21 D98 o k thanks

1318:22 I91 about a hundred and twenty miles back

1318:24 D98 o k (unintelligible)

1318:25 R98 (unintelligible) you your company's got a cars doesn't it

1318:28 UNKNOWN sure does

1318:29 R98 would you try to send a message from me through the a cars system to american seventy seven

1318:35 UNKNOWN tell them to contact you on this frequency

1318:38 R98 tell them to contact center on uh i'm looking at his estimate time on uh one two seven point zero two and that his transponder's not working and they're trying to get a hold of him

1318:48 UNKNOWN o k we'll do that

1318:50 DAL1716 center delta seventeen sixteen we're thirty degrees right is that what you needed

1318:54 R98 delta seventeen sixteen affirmative and i'll get you back on course here in just a minute

1318:58 DAL1716 all right seventeen sixteen no problem

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1319

1319:03 NWA585 ah kansas city northwest five eighty five

1319:05 R98 northwest five eighty five go ahead

1319:08 NWA585 oh you guys didn't hear anything about uh aircraft accident in new york did you

1319:12 R98 yes uh yes there is uh why don't you uh

1319:17 I80 coves sixty three king

1319:17 R98 due to increased security concerns right now i can't discuss it on a frequency but there was a major accident in new york with two aircraft of unknown they don't know whether they were hijacked or what but uh two transport category aircraft uh flew into the world trade center about ten minutes apart

1319:33 NWA585 yeah that's what we heard o k thanks

1319:46 R98 united ninety five contact kansas city center one two five point seven two

1319:51 UAL95 one two five seven two united ninety five

1319:54 R98 affirmative

1319:57 R98 cactus five thirty three uh

1319:58 G45 saint louis roberts three

1319:58 R98 i need you on another code here if i could find it here for you standby

1320

1320:03 G45 roberts

1320:04 UNKNOWN (unintelligible)

1320:05 G45 hold on a second plano

1320:06 G45 saint louis roberts three line

1320:07 R98 let's try one one five four cactus five thirty three one one five four

1320:12 AWE533 uh eleven fifty four five three three

1320:16 R98 u s air twenty four fifteen contact indianapolis center on one three two
point seven seven

1320:21 USA2415 thirty two seventy seven u s air uh twenty four fifteen good day now

1320:25 R98 american twelve forty two uh showin you coming up level now at
three three zero confirm

1320:30 AAL1242 ah yes sir about to level off

1320:31 R98 american twelve forty two direct brickyard on course contact
indianapolis center one three four point one seven thank you

1320:37 AAL1242 brickyard on course (unintelligible) three three four seven american
twelve forty two (unintelligible)

1320:42	D94	ninety four
1320:43	D98	ninety eight be advised that american seventy seven estimate they said is a ball park estimate
1320:48	D94	i'm sorry say again
1320:49	D98	they said it's a ball park estimate
1320:50	D94	ball park roughly thirteen forty seven
1320:52	D98	yeah
1320:53	D94	(unintelligible)
1320:53	D98	(unintelligible)
1320:54	AWE49	nine with ya uh three five zero
1320:58	R98	uh cactus forty nine kansas city center roger
1321		
1321:03	R98	united ninety five united ninety five contact kansas city center one two five point seven two
1321:21	R98	delta seventeen sixteen direct to iowa city now thank you
1321:25	DAL1716	k direct iowa city delta seventeen sixteen
1321:34	R98	u s air twenty four fifteen radio check

1321:50 UPS2901 good morning kansas city u p s twenty nine zero one flight level three seven zero

1321:55 R98 u p s twenty nine zero one kansas city center roger

1322

1322:08 AWE779 center cactus seven seventy nine flight level three five zero

1322:13 R98 cactus seven seventy nine kansas city center roger

1322:17 COA1535 kansas city continental fifteen thirty five three five oh

1322:20 R98 continental fifteen thirty five kansas city center roger

1322:46 D98 ninety eight

1322:49 D94 ninety four delta seventeen sixteen did you turn him back

1322:53 D98 ah --- i believe so he's going direct iowa city

1322:57 D94 he's going to go right into the vanguard now

1322:59 D98 you want us to turn him somewhere else

1323

1323:01 D94 uh or you talkin to the vanguard

1323:04 D98 ah --- talkin to him right

1323:08 D94 i mean they're pointed right at each other now

1323:10	D98	he just put the vanguard on you you want us to do something with the other (unintelligible)
1323:12	NWA585	(unintelligible) northwest five eighty five with you three niner zero
1323:15	D94	ah oh i'll guess i'll fix it
1323:17	D98	o k
1323:19	R98	seven oh five kansas city
1323:24	R98	vanguard seven oh five kansas city
1323:32	D94	ninety four
1323:33	D98	ninety eight vanguard did come over right
1323:35	D94	are we talking to vanguard seven oh five
1323:37	R94	vanguard seven zero five (pause) no you're not o k he's not responding to us
1323:40	D94	no
1323:41	D98	you're not o k he's not responding to us
1323:43	D94	a g
1323:44	D98	(unintelligible)

1323:47 R98 delta seventeen sixteen um i'm sorry but there's a a problem here and
you're about to turn back to the right to the right heading of ah three
four zero please

1323:55 DAL1716 k three four

1323:55 D98 ninety eight

1323:56 UNKNOWN (unintelligible) i guess you're going to have to turn the delta up behind
(unintelligible)

1323:58 D98 he's gone

1323:58 D94 (unintelligible)

1323:58 D98 he's going right now

1324

End of Transcript