



U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

# Memorandum

Subject: **INFORMATION:** Full Transcription;  
Aircraft Accident; UAL93; Somerset, PA;  
September 11, 2001

Date: September 13, 2001

From: New York TRACON

Reply to  
Attn. of:

To: Aircraft Accident File, ZOB-ARTCC-287

This transcription covers the New York TRACON Liberty West Departure position for the time period from September 11, 2001, 1241 UTC to September 11, 2001, 1256 UTC.

Agencies Making Transmissions

New York TRACON, Liberty West Departure position  
Federal Express Flight 3609  
Delta Airlines Flight 289  
Continental Airlines Flight 803  
United Airlines Flight 1523  
Blue Ridge Airlines Flight 527  
Blue Ridge Airlines Flight 215  
US Airlines Flight 542  
US Airlines Flight 1973  
Allegheny Airlines Flight 3525  
Continental Airlines Flight 1991  
United Airlines Flight 93  
United Parcel Service Flight 6053  
Continental Airlines Flight 1991  
Lear Jet N50MJ  
Piper Malibu N67VK  
Blue Ridge Airlines Flight 697  
Executive Jet Flight 956  
LearJet N815DD  
Continental Airlines Flight 211  
Cessna Citation N256W  
Colgan Air Flight 5981  
Allegheny Airlines Flight 3663  
Frontier Airlines Flight 575

Abbreviations

B43  
FDX3609  
DAL289  
COA803  
UAL1523  
BLR527  
BLR215  
USA542  
USA1973  
ALO3525  
COA1991  
UAL93  
UPS6053  
COA1991  
N50MJ  
N67VK  
BLR697  
EJA956  
N815DD  
COA211  
N256W  
CJC5981  
ALO3663  
FTA575

I hereby certify that the following is a true transcription of the recorded conversations pertaining to the subject aircraft accident involving UAL93:



Charles Schroeder  
Support Specialist Quality Assurance  
New York TRACON

1241  
1241:12 B43 fedex thirty six oh nine heavy go direct eliot on course

1241:15 FDX3609 o k direct eliot on course fedex thirty six oh nine

1241:19 DAL289 delta two eighty nine eight point seven for ten thousand

1241:22 B43 delta two eighty nine departure good morning climb maintain one seven thousand

1241:26 DAL289 delta two eighty nine one seven seventeen thousand

1241:29 B43 continental eight zero three climb maintain one seven thousand

1241:32 COA803 one seven thousand continental eight oh three

1241:55 UAL1523 and new york good morning united fifteen twenty three climbing through twelve for fifteen

1241:58 B43 united fifteen twenty three departure good morning climb maintain one seven thousand go direct eliot on course

1242  
1242:03 UAL1523 seventeen eliot united fifteen twenty three

1242:19 B43 continental eight zero three turn right heading two six zero

1242:23 COA803 two six zero continental eight oh three

1242:35 B43 fedex thirty six oh nine heavy contact new york center one three two point one maintain one seven thousand

1242:42 FDX3609 o k thirty two one and uh one seven thousand fedex uh thirty six oh nine

1242:47 B43 continental eight zero three resume normal speed on heading two six zero join j seventy five

1242:51 COA803 o k two sixty heading join jet seventy five normal speed continental eight oh three

1242:55 B43 and continental eight zero three have a good flight contact new york center one three four point six

1243:00 COA803 thirty four point six continental eight oh three good day

1243:03 (unintelligible)

1243:08 B43 did blue ridge five twenty seven check in

1243:13 B43 blue ridge five twenty seven new york

1243:14 BLR527 yeah sorry blue ridge five twenty seven at nine point six for one zero thousand

1243:18 B43 blue ridge five twenty seven climb maintain one two twelve thousand go direct east texas

1243:23 BLR527 awright up to twelve thousand and direct east texas blue ridge five twenty seven

1243:27 B43 delta two eighty nine proceed direct lanna on course

1243:30 DAL289 delta two eighty nine direct lanna

1243:32 BLR215 new york blue ridge two fifteen one two thousand two seventy heading

1243:36 B43 blue ridge two fifteen departure good morning climb maintain one four thousand go direct east texas

1243:41 BLR215 one four thousand direct east texas blue ridge two fifteen

1243:44 USA542 and departure u s air five forty two through ten for one five thousand

1243:50 B43 u s airs uh i'm sorry who was that

1243:53 USA542 its u s air five forty two out of ten three for one five thousand

1243:56 B43 u s airs five forty two departure good morning maintain speed two hundred fifty knots for in trail spacing

1244  
1244:01 USA542 two hundred and fifty knots u s air five forty two

1244:04 USA1973 u s air nineteen seventy three ten thousand

1244:07 B43 u s airs nineteen seventy three departure good morning climb maintain one one thousand turn left heading two four zero

1244:13 USA1973 o k one one thousand two four zero on the heading u s air nineteen seventy three

1244:17 (unintelligible) twelve thousand

1244:20 B43 allegheny thirty five twenty five new york departure climb maintain one four thousand fly heading two fuh four zero

1244:26 ALO3525 two four zero and we can take ah twelve as a final if need be

1244:30 B43 awright you can stay at twelve thousand if you like sir

1244:32 ALO3525 we'll stay at twelve two forty on the heading allegheny thirty five twenty five

1244:35 COA1991 new york continental nineteen ninety one ten thousand

1244:38 B43 west

1244:39 Unknown uh west zero mike juliet can I get higher to get on top of victor uh kilo

1244:42 B43 uh zero mike juliet up to twelve thousand

1244:44 COA1991 new york continental nineteen ninety one ten thousand two ss two eight zero assigned

1244:48 B43 i'm sorry who's uh heading two eight zero

1244:50 COA1991 continental nineteen ninety one ten thousand

1244:52 B43 continental uh nineteen ninety one departure roger

1244:56 UPS6053 new york good morning u p s sixty fifty three heavy eighty five hundred feet for ten thousand

1245  
1245:01 B43 ok continental ninety nine ninety one climb maintain one three thirteen thousand and fly heading three zero zero

1245:07 COA9991 up to one three thousand three zero zero on the heading continental ninety nine ninety one

1245:11 B43 and uh continental ninety nine ninety one is this a maintenance flight

1245:14 COA9991 affirmative sir

1245:22 B43 u s air nineteen seventy three climb maintain one seven thousand go direct biggy

1245:26 USA1973 o k one seven thousand direct biggy u s air nineteen seventy three

1245:30 B43 blue ridge five twenty seven climb maintain one four thousand

1245:33 BLR527 one four thousand blue ridge five twenty seven

1245:40 B43 and delta two eight nine good flight contact new york center one three four point six and go direct lanna

1245:46 DAL289 thirty four six and was that direct pottstown for delta two eighty nine

1245:50 B43 yes sir tha thats fine go direct pottstown

1245:52 DAL289 delta two eighty nine thirty four six direct pottstown

1245:54 B43 united fifteen twenty three contact new york center one three two point one good day

1245:58 UAL1523 thirty two one united fifteen twenty three see ya

1246:01 B43 blue ridge two fifteen sir traffic at your eleven o clock and five north west bound out of twelve thousand for thirteen thousand

1246:07 BLR215 blue ridge two fifteen we're lookin for him

1246:09 B43 u s air five forty two climb maintain one seven thousand fly heading three one zero

1246:14 USA542 up to one seven thousand three one zero u s air five forty two

1246:19 UAL93 united ninety three is with you one zero thousand normal speed heading two eighty

1246:22 B43 united ninety three departure good morning climb maintain one four thousand

1246:27 UAL93 climb and maintain one four thousand united ninety three

1246:30 B43 continental ninety nine ninety one go direct east texas climb maintain one six thousand

1246:33 COA9991 (unintelligible) direct east texas up to one six thousand continental ninety nine ninety one

1246:38 BLR215 new york blue ridge two fifteen has traffic

1246:40 B43 blue ridge two fifteen roger thank you

1246:43 B43 blue ridge five twenty seven contact new york center one three two point one good day

1246:47 BLR527 alright uh thirty two point one for blue ridge five twenty seven

1246:54 B43 u s air nineteen seventy three good flight contact new york center one three four point six

1247:00 USA1973 thirty four point six u s air nineteen seventy three

1247:03 B43 u p s sixty fifty three heavy climb maintain one seven thousand

1247:06 UPS6053 on seven thousand sixty fifty three heavy

1247:09 N50MJ new york departure lear five november five zero mike juliet at ten point five for twelve thousand two seventy heading assigned

1247:15 B43 november five zero mike juliet departure good morning climb maintain one uh six thousand

1247:21 N50MJ sixteen one six thousand mike juliet

1247:24 N67VK new york malibu six seven victor kilo out of nine two for ten

1247:27 B43 malibu six seven victor kilo departure good morning climb maintain one four thousand

1247:32 N67VK up to one four thousand roger

1247:34 B43 u p s sixty fifty three heavy best rate of climb through one five thousand please

1247:38 UPS6053 yeah we'll give you a rate three thousand feet a minute o k

1247:40 B43 thank you sir

1247:41 B43 and continental ninety nine ninety one contact new york center one three two point one good day

1247:49 B43 continental ninety nine ninety one contact new york center one three two point one

1247:53 COA9991 thirty two one thanks for the help continental nine ninety nine ninety one

1247:56 B43 allegheny thirty five twenty five go direct biggy on course

1247:59 ALO3525 direct biggy on course thirty five twenty five

1248:03 B43 united ninety three right turn of uh three one zero

1248:07 UAL93 right heading three one zero united ninety three

1248:09 B43 lear five zero mike juliet go direct lanna on course

1248:12 N50MJ uh sure direct lanna on course mike juliet

1248:15 B43 u s air five forty two turn left heading one five zero

1248:18 USA542 left to one five zero u s air five forty two

1248:24 BLR697 blue ridge six ninety seven with you out of fourteen and a half for fifteen

1248:27 B43 blue ridge uh six ninety seven departure roger



1248:34 B43 blue ridge two fifteen have a good flight contact new york center one three two point one good day

1248:35 BLR215 thirty two one thanks for your help blue ridge two fifteen

1248:41 B43 united ninety three climb maintain one six thousand

1248:44 UAL93 climb and maintain one six thousand united ninety three

1248:47 B43 u p s sixty fifty three heavy thanks for the climb go direct to parke intersection and contact new york center one three two point one good day

1248:54 UPS6053 o k direct parke thirty two one you have a good day also

1249

1249:05 B43 lear five zero mike juliet uh disregard

1249:21 B43 u s air five forty two resume normal speed

1249:23 USA542 normal speed u s air five forty two

1249:32 B43 united ninety three climb maintain one seven thousand go direct eliot on course

1249:36 UAL93 up to one seven thousand direct eliot united ninety three

1249:39 B43 november six seven victor kilo go direct east texas

1249:44 N67VK uh direct what sir

1249:45 B43 direct to east texas

1249:47 N67VK o k i got it direct e east texas seven victor kilo roger

1249:51 B43 blue ridge six ninety seven climb maintain one six thousand go direct parke on course

1249:55 BLR697 direct parke one six thousand blue ridge six ninety seven

1249:59 USA542 approach u s air five forty two confirm that was one fifty heading for us

1250  
1250:06 B43 allegheny thirty five twenty five contact new york center on one three five point uh seven five good day

1250:11 ALO3525 three five seven five for allegheny thirty five twenty five good day

1250:14 B43 u s air five forty two turn right heading one eight zero

1250:16 USA542 right one eight zero u s air five forty two

1250:19 B43 actually five forty two go direct to biggy and uh contact new york center on one three four point six good day

1250:28 B43 u s air five forty two go direct to biggy contact new york center on one three four point six

1250:32 USA542 direct biggy one three four point six u s air five forty two

1250:38 B43 united ninety three contact new york center one three two point one good day

1250:42 UAL93 thirty two one good day united ninety three

1250:05 EJA956 uh new york approach exec jet nine fifty six out of niner thousand for ten thousand

1250:09 B43 execjet nine fifty six departure good morning climb maintain one two twelve thousand

1250:14 EJA956 o k one two twelve thousand for execjet nine fifty six and we're on a two eight zero heading assigned

1250:19 B43 nine fifty six go direct to uh eliot on course

1251  
1251:21 EJA956 direct eliot on course execjet nine fifty six thanks

1251:25 ALO3525 new york allegheny ah thirty five twenty five nobody home on one three five point seven five

1251:31 B43 uh st st stand sir by let me verify the frequency

1251:48 N815DD uh hello new york lear eight one five delta delta up to ten thousand

1251:54 B43 i'm sorry who was at ten thousand

1251:56 N815DD and five delta delta we're five point four for ten

1251:58 B43 (unintelligible) eight one five delta delta departure climb maintain one seven thousand

1252  
1252:02 N815DD up to seventeen thousand

1252:05 B43 and uh allegheny thirty five twenty five i'm sorry i gave you the wrong frequency it's uh one one eight point four five

1252:07 ALO3525 eighteen forty five allegheny thirty five twenty five thanks

1252:15 B43 november six seven victor kilo traffic off your left side two and a half miles west bound is a uh citation seven fifty out of one one thousand for one two thousand

1252:24 N67VK seven victor kilo we're watching him

1252:27 B43 you got him in sight

1252:28 N67VK yes sir i see him

1252:30 unknown (unintelligible)

1252:35 B43 eight one five delta delta turn left heading two five zero

1252:38 N815DD left two five zero five delta delta

1252:40 B43 o k don't check in i'll call you

1252:43 B43 o k six seven victor kilo maintain visual with that traffic sir he'll be climbing through your altitude

1252:47 N67VK all right

1252:49 B43 execjet nine fifty six climb maintain one seven thousand

1252:52 EJA956 one seven thousand execjet nine fifty six

1252:57 B43 lear five zero mike juliet maintain one seven thousand contact new york center on one three four point six good day

1253  
1253:05 N50MJ thirty four six out of sixteen for seventeen mike juliet so long

1253:09 B43 continental two eleven heavy climb maintain one seven thousand

1253:15 N256W new york citation two five six whiskey one zero thousand

1253:19 B43 citation two five six whiskey departure climb maintain one six thousand

1253:22 N256W leaving ten for one six thousand five six whiskey

1253:25 B43 continental two eleven heavy climb maintain one seven thousand

1253:28 COA211 one seven thousand continental two eleven

1253:31 B43 colgan fifty nine eighty one climb maintain one four thousand fly heading two four zero

1253:35 CJC5981 two forty one four thousand colgan fifty nine eighty one

1253:50 B43 lear eight one five delta delta go direct parke intersection on course

1253:55 N815DD o k direct parke intersection on course five delta delta

1253:59 ALO3663 allegheny thirty six sixty three uh eleven five for twelve five we're still on a two seventy heading

1254  
1254:05 B43 allegheny thirty six sixty three departure resume your own navigation now

1254:08 ALO3663 thank you thirty six sixty three

1254:11 FTA575 departure frontier five seventy five one one thousand five hundred for one five thousand

1254:14 B43 frontier five seventy five departure roger

1254:17 B43 continental two eleven heavy go direct lanna resume own navigation

1254:23 COA211 was that lanna own navigation continental two eleven

1254:26 B43 yes sir continental two eleven heavy go direct to lanna intersection maintain one seven thousand

1254:31 COA211 maintain one seven thousand direct lanna continental two eleven

1254:42 B43 and who was transmitting before

1254:58 B43 frontier five seventy five climb maintain one seven thousand go direct eliot on course

1255  
1255:03 FTA575 one seven thousand direct eliot on course frontier five seventy five

1255:10 B43 execjet nine fifty six contact new york center on one three two point one good day

1255:15 EJA956 one three two one execjet nine fifty six so long

1255:18 B43 blue ridge six ninety seven contact new york center one three two point one

1255:22 BLR697 thirty two one blue ridge six ninety seven i'll see ya

1255:25 B43 november two five six whiskey go direct eliot and uh resume own navigation

1255:29 N256W direct eliot five six whiskey

1255:32 B43 continental two eleven heavy good flight contact new york center on one three four point six

1255:36 COA211 one three four six continental two eleven

1255:39 B43 colgan fifty nine eight one climb maintain one six thousand

1255:41 CJC5981 all righty one six thousand fifty nine eighty one  
1256