

Memorandum

Subject:

INFORMATION: Full Transcript:

Aircraft Accident: UAL93: Somerset PA

September 11, 2001

From:

New York ARTCC

September 27, 2001

Reply to Attn. of:

Aircraft Accident File ZOB-ARTCC-287

This transcript covers the New York Center Sector R73 position for the time period from September 11, 2001, 1250 UTC to September 11, 2001, 1328 UTC.

Agencies Making Transmissions	Abbreviations
Piedmont Airlines Inc. Flight 3436	PDT3436
New York Center Radar Sector 73	R73
Kitty Hawk Air Cargo Inc. Flight 74	KHA74
United Airlines Inc. Flight 1523	UAL1523
Dassault-Brequet Falcon Aircraft N108KC	N108KC
Mesa Aviation Services Inc. Flight 5807	ASH5807
Delta Air Lines Flight 9930	DAL9930
United Airlines Inc. Flight 93	UAL93
Learjet Aircraft N456LM	N456LM
Executive Jet Aviation Inc. Flight 956	EJA956
New York Center Radar Sector 39	R39
New York Center Radar Sector 75	R75
American Trans Air Inc. Flight 797	AMT797
New York Center Radar Sector 93	R93
Pennsylvania Commuter Airlines Inc. Flight 3802	ALO3802
Air Canada Flight 685	ACA685
U S Air Flight 1753	USA1753
New York Center Radar Sector 10	R10
United Air Lines Flight 1211	UAL1211
New York Center Radar Associate Sector 39	RA39
Frontier Airlines Inc. Flight 575	FFT575
New York Center Radar Sector 27	R27
Westwind Aircraft N33MK	N33MK
New York Center Radar Associate Sector 10	RA10

Agencies Making Transmissions

Abbreviations

Israel Aircraft Industries and Astro Jet Aircraft N173W	N173W
Cleveland Center Franklin Sector	ZOB FKL
Cleveland Center Brecksville Sector	ZOB BKI
Cleveland Center	ZOB
Northwest Orient Airlines Inc. Flight 1419	NWA1419
Unknown Agency	Unknown
Cleveland Center Imperial Sector	ZOB IRL
Mesa Aviation Services Inc. Flight 5768	ASH5768
Continental Air Lines Inc. Flight 428	COA428
United Air Lines Inc. Flight 1141	UAL1141
Cleveland Center Tyrone Sector	ZOB TON
AMR American Eagle Inc. Flight 463	EGF463
U S Air Flight 2654	USA2654
New York Center Radar Sector 92	R92
Continental Air Lines Inc. Flight 132	COA132
U S Air Flight 1197	USA1197
United Air Lines Inc. Flight 172	UAL172
United Air Lines Inc. Flight 696	UAL696
Cessna Citation N12MA	N12MA
Cleveland Center Clarion Sector	ZOB CIP
Canadair Bombardier Challenger N689	N689

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

Kevin Delaney Support Manager Quality Assurance New York ARTCC

1250:00	PDT3436	piedmont thirty four thirty six is at two zero zero
1250:04	R73	piedmont thirty four thirty six new york center good morning
1250:09	PDT3436	morning
1250:16	R73	kitty hawk seventy four contact cleveland center one three three point zero seven

1250:20	KHA74	three three zero seven good morning kitty hawk seventy four
1250:22 1251	R73	thanks
1252:36	UAL1523	new york center good morning united fifteen twenty three climb through twenty seven for twenty eight
1252:41	R73	united fifteen twenty three new york center good morning higher altitude in just a moment
1252:45	UAL1523	thanks
1252:50	N108KC	center falcon one zero eight kilo charlie two nine o
1252:52 1253	R73	falcon one zero eight kilo charlie new york center roger
1253:23	ASH5807	air shuttle fifty eight o seven through flight level one eight o to two four o
1253:26	R73	air shuttle fifty eight o seven new york center roger
1253:30	DAL9930	delta ninety nine thirty at three five o
1253:33	R73	delta ninety nine thirty new york center roger
1253:43	R73	falcon eight kilo charlie contact new york center one two eight point five seven
1253:48 1254	N108KC	twenty eight five seven k c
1254:09	R73	united fifteen twenty three climb and maintain flight level three five zero

1254:14	UAL1523	out of twenty eight for three five united fifteen twenty three
1254:27	R73	air shuttle fifty eight o seven climb and maintain flight level three one zero
1254:31 1255	ASH5807	flight level three one o air shuttle fifty eight o seven
1255:06	UAL93	morning new york united ninety three with you twenty five and a half for two eight o
1255:09	R73	united ninety three new york center good morning
1255:14	N456LM	good morning new york november four five six lima mike is one seven thousand we're joining up j sixty four
1255:18	R73	lear four five six lima mike new york center roger
1255:22	EJA956	execjet nine fifty six is out of sixteen thousand for seventeen thousand direct elliot
1255:26	R39	execjet nine fifty six new york center climb and maintain flight level two eight zero
1255:29	EJA956	two eight zero execjet nine fifty six
1255:33	R73	three nine seven three point out
1255:35	R39	go ahead
1255:37	R73	northwest of pottstown c d one nine five to climb
1255:41	R39	that is approved

	1255:43	R73	n m
	1255:44	R73	lear six lima mike climb and maintain flight level two eight zero
	1255:47 1256	N456LM	two eight zero lima mike thank you
·	1256:08	R73	seven five seven three point out
	1256:10	R75	yes sir
	1256:11	R73	southwest of vallo three eight is going direct buffalo
	1256:15	R75	three three eight point out is approved
e de la companya de	1256:17	R73	"n m "
er e e	1256:24	R73	delta ninety nine thirty contact cleveland center one three zero seven
	1256:29	DAL9930	delta ninety nine thirty one three three zero seven good bye
	1256:32 1257	R73	bye
	1257:02	R73	amtram seven ninety seven contact cleveland center one three three point zero seven
	1257:07	AMT797	okay one three zero seven amtram seven ninety seven good day
en e	1257:10	R73	bye
*			and the second of the second o

1257:12	R73	united ninety three climb and maintain flight level three five zero
1257:16	UAL93	leaving two eight for three five o united ninety three
1257:51	R93	seventy three
1257:52	R73	seventy three
1257:54	R93	ah this is ninety three eight forty nine is a maintenance flight selingsgrove williamsport wants to climb to twenty do you want to take a point out on him or un
1257:59	R73	selingsgrove williamsport climbing to twenty point out approved
1258:01	R93	alright
1258:02	R73	n m
1258:11	R73	gulfstream six ur correction learjet six lima mike climb and maintain flight level four three zero
1258:16	N456LM	thank you very much four three zero lima mike
1258:22	ALO3802	center allegahny thirty eight zero two sixteen seven for eighteen
1258:28	R73	alleghany thirty eight o two new york center roger
1258:43	R73	lear six lima mike I got a a flight short cut for you here if your interested in it
1258:48	N456LM	yes sirrr go ahead

1258:49	R73	six lima mike fly your present heading when you get it loaded up into the nav proceed direct to burni intersection that's bravo uniform romeo november india then direct to saint louis then the rest of the route unchanged
1259:02 1300	N456LM	okay we can do that real quickly burni saint louis and and changed
1301 1301:14	EJA956	new york center execjet nine a fifty six out of two four five for two eight zero
1301:19	R73	execjet nine fifty six new york center climb and maintain flight level three five zero
1301:23	EJA956	three five zero execjet nine fifty six
1301:27	R73	piedmont thirty four thirty six contact thee a cleveland center one two six point seven two
1301:33	PDT3436	okay cleveland on twenty six seventy two for piedmont thirty four thirty six we'll see you
1301:38	R73	bye
1301:43	EJA956	an center execjet nine fifty six a we're requesting three nine o as a final today
1301:47	R73	execjet nine fifty six climb and maintain flight level three niner zero
1301:50 1302	EJA956	three nine zero execjet nine fifty six thanks
1302:42	ACA685	ah center its air canada six eight five twenty one five for three three zero

1302:46	R73	air canada six eighty five new york ceenter roger
1302:59	USA1753	good morning new york u s air seventeen fifty three one seven thousand
1303:02	R73	u s air seventeen fifty three new yoork center roger
1303:44	R10	seventy three
1303:45	R73	seventy three
1303:46	R10	ten is extreemely busy I have got an aircraft going to denver do you think I could bring him out j sixty or j six four way
1303:54	R73	sure
1303:55	R10	um what should I give him like pottstown pottstown three twenty two
1303:59	R73	you you go pottstown direct to philpsburg j sixty iowa city j ten to um lima bravo foxtrot
1304:08	UAL1211	new york center united twelve eleven one seven thousand
1304:10	R10	j te how bout I just give hime j 60 to iowa city and you
1304:12	R73	· i'll
1304:12	R10	you do the rest
1304:14	R73	yes

and the second of the second of

1304:14	R10	thanks
1304:15	R73	n m
1304:20	R73	three nine seven three point out
1304:22	RA39	thirty nine
1304:25	R73	suzie c i d nine three eight to climb
1304:26	RA39	approved
1304:27	R73	m
1304:28	R73	u s air seventeen fifty three climb and maintain flight level two six zero
1304:32 1305	USA1753	flight level two six zero u s air seventeen fifty three
1305:07	R73	air canada six eighty five amend your altitude to flight level two seven zero for now
1305:11	ACA685	flight level two seven zero air canda six eighty five
1305:24	R73	air shuttle fifty eight o seven contact the new york make it cleveland center one one niner point seven two
1305:30	ASH5807	nineteen seventy two fifty eight o seven
1305:33	FNT575	sir frontier five seventy five two six zero for two eight zero
1305:36	R73	frontier five seventy five new york center roger

1306:00	R73	twenty seven from a seventy three
1306:02	R27	go ahead
1306:03	R73	will you be able to take a baltimore jet your way going direct
1306:06	R27	yeah i'll try it
1306:07	R73	right e
1306:16	N33MK	new york good morning west wind three three mike kilo is out of of twelve two for one seven thousand
1306:22	R73	west wind three three mike kilo new york center roger
1306:30	R93	it'll be a moment go ahead seventy three
1306:32	R73	control on three mike kilo
1306:34	R93	yeah
1306:35	R73	n m
1306:36	R73	west wind three mike kilo fly heading of a two seven zero for traffic do not exceed two five zero knots until advised climb and maintain flight level two four zero
1306:45	N33MK	okay two seventy on the heading and not to exceed two five zero until advised and up to flight level two five zero mike kilo
1306:51	R73	roger the altitude is two four zero for now

1306:53	N33MK	yeah i apoligize two four zero
1306:56	R73	yes
1306:57	RA10	seven three
1306:58	RA10	do you have information on united twelve eleven some guy going um over philpsburg j sixty iowa city
1307:02	R73	somebody called about it before but that would be just fine
1307:03	RA10	okay
1307:04	N173W	hey new york astro jet one seven three
1307:07	RA10	what do i give him after that
1307:08	N173W	coming level two five zero
1307:10	R73	you ah just give him pottstown phillipsburg and i will give him the rest of the route here
1307:11	RA10	alright daaaa phillipsburg ga j sixty iowa city and you'll give him the rest
1307:15	R73	yeah right
1307:16	RA10	S S
1307:17	R73	m

1307:20	R73	west wind one se correction astro jet one seven three whiskey new york center descend and maintain flight level one eight zero
1307:26	N173W	cleared now to one eight zero seven three whiskey
1307:31	R73	air canada six eighty five contact new york center on one two eight point five seven
1307:36	ACA685	twenty eight fifty seven air canada six eight five so long
1307:39	R73	bye
1307:42	R73	lear six lima mike contact the a cleveland center one three three point zero seven
1307:48	N456LM	thirty three zero seven lima mike so long
1307:50	R73	thanks
1307:52	R73	u s air twelve fifty three climb and maintain flight level threeee one zero
1308:00	R73	i'm sorry it's a u s air seventeen fifty three seventeen fifty three climb and maintain flight level three one zero
1308:05	USA1753	flight level three one zero u s air seventeen fifty three
1308:08	R73	alleghany thirty eight o two contact new york center on one two eight point five seven
1308:14	ALO3802	one two eight point five seven alleghany thirty eight zero two

1308:17	ZOB FKL	phillipsburg franklin eight pointout
1308:17	R73	frontier five seventy five climb and maintain flight level three one zero
1308:22	FFT575	three one zero frontier five seventy five
1308:31	R73	astro jet seven three whiskey is cleared direct to the baltimore airport
1308:36	N173W	the baltimore airport seven three whiskey
1308:42	R73	united fifteen twenty three contact cleveland center one three three point zero seven
1308:48	UAL1523	thirty three o seven united fifteen twenty three shit
1308:52	R73	alright west wind three mike kilo turn right heading three two zero
1308:55 1309	N33MK	right turn to three two zero mike kilo
1309:40	ZOB FKL	phillipsburg franklin eight line point out
1309:41	R73	astro jet seven three whiskey contact the a new york center on one three two point two
1309:46	N173W	thirty two two we'll see you seven three whiskey
1309:48	R73	bye
1309:49	R73	phillipsburg is on the eight

1309:51	ZOB FKL	look northwest of phillipsburg the code is zero seven seven seven we're making a right turn out there back into our airspace at thirty three
1309:59	R73	point out approved m
1310:00	ZOB FKL	c b
1310:07	R73	u s air seventeen fifty three climb and maintain flight level three five zero
1310:13	USA1753	flight level three five zero u s air seventeen fifty three
1310:15	R73	roger what is your rate of climb right now
1310:17	USA1753	ah 2500 feet per minute
1310:18	ZOB BKI	phillipsburg brecks on the eight line another point out
1310:22	R73	roger would you be able to keep that rate of climb all the way to thirty five
1310:25	USA1753	ah pretty close to it it will slow down some
1310:27	R73	alright do the best you can if you would for me right up to thirty five
1310:29	USA1753	okay
1310:32 1311	ZOB	swissdale ten line this is cleveland center

1311:09	R73	west wind three mike kilo cleared direct to phillipsburg resume navigation climb and maintain flight level three one zero
1311:16	N33MK	okay direct phillipsburg own navigation up to three one zero mike kilo thank you
1311:21	R73	three mike kilo you can resume normal speed at this time thanks
1311:25	N33MK	normal speed mike kilo thank you
1311:27	NWA1419	new york northwest fourteen nineteen twelve in a half for one seven thousand
1311:30	Unknown	american thirty two
1311:31	ZOB IRL	middletown six six this is imperial got a ga
1311:35	R73	northwest fourteen nineteen new york center roger
1311:41	R73	northwest fourteen nineteen climb and maintain flight level two eight zero
1311:47	NWA1419	well two eight o northwest fourteen nineteen
1311:50	ASH5768	new york center air shuttle fifty seven sixty eight three three o
1311:54 1312	R73	air shuttle fifty seven sixty eight new york center roger
1312:28	COA428	center continental four twenty eight climbing to ahhhhhh out of two six zero for two eight zero
1311:50 1311:54 1312	ASH5768 R73	new york center air shuttle fifty seven sixty eight three three o air shuttle fifty seven sixty eight new york center roger center continental four twenty eight climbing to ahhhhhh

1312:36	R73	continental four twenty eight new york center climb and maintain flight level three one zero
1312:40	COA428	maintain three one zero contenental four twenty eight
1312:58	UAL1211	new york good morning united a twelve eleven with you leveling one seven thousand
1313:03	R73	united twelve eleven new york center roger
1313:08	UAL1211	and do you you still want us on a three two two zero heading for united twelve eleven
1313:13	R73	united twelve eleven cleared direct to phillipsburg resume nav climb and maintain flight level two six zero
1313:19	UAL1211	okay two six zero direct phillipsburg own nav united twelve eleven
1313:24	R73	roger
1313:29	UAL1141	hey center united eleven forty one with you passing one five thousand for one seven thousand
1313:37	R73	sorry i got hung up on the line there who's calling
1313:39	UAL1141	that was united eleven forty one passing one five two for one seven thousand
1313:47 1314	R73	united eleven forty one new york center roger
1314:12	R73	united eleven forty one resume normal speed

1314:15	UAL1141	normal speed united eleven forty one
1314:31	R73	execjet nine fifty six contact cleveland center one three three point zero seven
1314:36	EJA956	three three zero seven execjet nine fifty six so long
1314:39	R73	bye
1314:44	R73	air shuttle fifty seven sixty eight traffic at one o'clock ten miles west bound is at thirty one
1314:49 1314:51	ASH5768 R73	ah roger looking fifty seven sixty eight frontier five seventy five traffic at ten o'clock and eight northbound at thirty three
1314:57 1315	FFT575	five seventy five we're looking
1315:05	FFT575	traffic in site fifty seven sixty eight
1315:10	R73	continental four twenty eight da turn right heading three three zero join j sixty resume navigation
1315:18	COA428	three three zero join jet sixty normal nav continental four twenty eight thank you
1315:23	R73	continental four twenty eight climb and maintain flight level three five zero
1315:26	COA428	climb and maintain three five zero continental four twenty eight
1315:26	ZOB TON	phillipsburg eight line tyrone question

1315:30	R73	united eleven forty one climb and maintain flight level three one zero
1315:35	UAL1141	three one zero for united eleven forty one
1315:38	R73	roger
1315:40	EGF463	u center eagle four six three is out of er coming up on two seven o for two eight o
1315:41	ZOB TON	swissdale ten line tyrone
1315:42	R73	eagle flight four sixty three new york center roger
1315:46	R73	united twelve eleven i have the remainder of your routing when your ready for it
1315:50	UAL1211	go ahead
1315:51	R73	united twelve eleven your cleared to the a denver airport via phillipsburg j sixty ioowa city j ten north plat the sage three arrival climb and maintain flight level three one zero
1316:08	UAL1211	okay for united twelve eleven we have a phillipsburg j one sixty iowa city j ten a north plat sage three three one zero and a we're cleared to climb three one zero at this time
1316:21	R73	affirmative climb and maintain flight level three one zero united twelve eleven
1316:25	UAL1211	three one zero united twelve eleven
1316:36	R73	west wind three mike kilo amend your altitude to flight level two seven zero

1316:41	N33MK	we're leveling flight level two seven zero mike kilo
1316:52	R73	air shuttle fifty seven sixty eight contact new york center on one two eight point five seven
1316:58 1317	ASH5768	two eight five seven fifty seven sixty eight
1317:04	USA2654	new york u s air twenty six fifty four two seven o climbing two eight o
1317:08	R73	u s air twenty six fifty four new york center roge
1317:18	R73	u s air twenty sixty four if i climbed you how fast can you get out of thirty three
1317:24	USA2654	a we can hurry right on up today
1317:27	R73	u s air twenty six fifty four climb and maintain flight level three five zero good rate through thirty three is helpful
1317:33	USA2654	okay sir good rate through thirty three and on up to three five o twenty six fifty four
1317:37	R73	thanks
1317:40	R73	northwest fourteen nineteen climb and maintain flight level three five zero
1317:44	NWA1419	kay up to three five o northwest fourteen ninteen
1317:52	R73	u s air seventeen fifty three contact cleveland center one three three point zero seven

1317:57	USA1753	one three point zero seven u s air seventeen fifty three
1318:08	ZOB IRL	andmiddleton six six imperial
1318:22	R73	u s air eleven ninety seven climb and maintain flight level two eight zero
1318:27	Unknown	three eight kilo
1318:31	R92	airway one forty seven to mazie then direct philly
1318:34	Unknown	thats what we got thank you
1318:35	R92	okay navy j t seven five three fly heading of three two zero
1318:37	COA132	hey new york ca good morning continental one thirty two flight level at two eight o
1318:38	R92	certainly u s air eleven
1318:42	R73	continental one thirty two climb and maintain flight level three five zero
1318:50	COA132	three five continental one thirty two previous controller restricted us to two eight zero knots
1318:54	R73	roger i'll need that for right now
1318:56	R73	eagle flight four sixty three climb and maintain flight level three one
1319:00	EGF463	three one o eagle four sixty three

1319:03	USA1197	u s air eleven ninety seven at one seven thousand
1319:06	R73	u s air eleven ninety seven new york center climb and maintain flight level two eight zero
1319:11	USA1197	two eight zero u s air eleven ninety seven and if you would note we would request three nine o for a final
1319:17	R73	u s air eleven ninety seven climb and maintain flight level three niner zero
1319:20	USA1197	three niner zero u s air eleven ninety seven
1319:25	R73	west wind three mike kilo climb and maintain flight level two eight zero
1319:30	N33MK	it's up to two eight zero mike kilo
1319:32	R73	west wind three mike kilo contact cleveland center on one one niner point seven two
1319:37	N33MK	nineteen seventy two nice day sir
1319:39	R73	thanks
1319:44	UAL172	say new york united one seven two do you know how the ride is west bound
1319:47	R73	i've got no complaints anywhere any altitude at the moment
1319:50	UAL172	yes sir

1319:55	R73	northwest fourteen nineteen whats your speed in the climb and your planned mach number for the cruise today
1320		and your prainted mach number for the cruise today
1320:02	NWA1419	two seventy now and point seven six for the cruise
1320:04	R73	northwest fourteen nineteen amend you altitude to flight level three one zero
1320:08	NWA1419	three one zero northwest a fourteen nineteen
1320:36	R73	air twenty six fifty four if you could zoom it right through thirty three for me and report leaving the altitude
1320:42	USA2654	okay we're doing that twenty six fifty four
1320:47	NWA1419	how bout if northwest fourteen nineteen stays at twenty eight for the final
1320:50	R73	northwest fourteen nineteen ma roger maintain flight level two eight zero
1320:54 1321	NWA1419	two eight o thanks
1321:02	USA2654	and we're out of thirty three twenty six fifty four
1321:03	R73	u s twenty six fifty four thank you contact the cleveland center now one three three point zero seven
1321:08	USA2654	three three zero seven twenty six fifty four

1321:16	R73	united twelve eleven flight level three one zero is going to be as high as i can get you due to other traffic a if your still looking for higher on the next frequency you can just ask them then
1321:23 1322	UAL1211	not a problem united twelve eleven
1322:23	UAL696	united six ninety six with you twenty seven five descend to one eight zero
1322:27	R73	united six ninety six new york center roger
1322:30	R73	frontier five seventy five contact cleveland center on one one niner point seven two
1322:35	FFT575	nineteen seventy two frontier five seventy five so long
1322:39	UAL93	united ninety three starting to pick up some light chop at thirty five any ride reports
1322:44	R73	its the a first complaint i've had and united ninety three contact the cleveland center now on one three three point zero seven
1322:52	ZOB IRL	middletown six line imperial quick question
1322:56	UAL93	thirty three o seven united ninety three
1323:00	R73	northwest fourteen nineteen contact cleveland center on one one niner point seven two
1323:05	NWA1419	nineteen seventy two northwest fourteen nineteen
1323:10	Unknown	phillipsburg ten line

1323:15	Unknown	okay
1323:19	Unknown	phillipsburg ten line
1323:31	R73	u s air eleven ninety seven fly heading of two eight five it will be to parallel traffic
1323:39 1324	USA1197	two eight five heading u s air eleven ninety seven
1324:05	ZOB TON	swissdale ten tyrone
1324:07	R73	united twelve eleven contact the a cleveland center one one niner point seven two
1324:12	UAL1211	nineteen seventy two will see you later for united twelve eleven
1324:15	R73	right
1324:19	N12MA	this is citation one two mike alpha through two zero three for two eight zero good morning
1324:31	R73	citation one two mike alpha new york center roger climb and maintain flight level three one zero
1324:36	N12MA	climbing to three one zero mike alpha
1324:40	R73	united eleven forty one resume normal speed if you were still assigned anything contact cleveland center one one niner point seven two
1324:48 1325	UAL1141	a nineteen seventy two united eleven forty one good day

1325:24	R73	united six ninety six contact new york center on one three two point two
1325:29	UAL696	thirty two two united six ninety six so long
1325:31 1326	R73	thanks
1326:10	Unknown	secret
1326:10	R73	franklin phillipsburg eight line hand off
1326:11	Unknown	p d all the ways up
1326:13	Unknown	now locally yes
1326:14	ZOB FKL	sorry about that
1326:16	ZOB FKL	just keep them all coming phillipsburg will work we're busy right now
1326:19	R73	we should be just about done here any minute
1326:20	ZOB FKL	we'll unfortunately were not
1326:21	R73	i'm sorry
1326:21	ZOB FKL	we got all the eastbound stuff that we were holding now
1326:24	R73	i'm sorry
1326:24	ZOB FKL	just keep them all coming

1326:26	R73	okay
1326:28	R73	continental four twenty eight contact cleveland center on one three point zero seven
1326:33	COA428	thirty three zero seven four twenty eight good night
1326:34	R73	bye
1326:58 1327	ZOB CIP	swissdale ten line clarion
1327:08	N689	center good morning challenger six eighty seven six eighty nine with you twenty four point six for two eight zero
1327:14	R73	challenger six eighty nine new york center roge
1327:43	ZOB CIP	swissdale ten from clarion
1327:55	R73	u s air eleven ninety seven fly heading two niner zero in a minute you can load up dryer in the nav i have a direct course here in a little bit
1328:00	USA1197	okay two nine

End of Transcript