



# Federal Aviation Administration

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## Memorandum

Date: September 17, 2009

To: Aircraft Accident File TEB-ATCT-0078

From: Teterboro Airport Traffic Control Tower

Subject: **INFORMATION:** Full Transcript  
Aircraft Accident, N71MC/N401LH  
Hoboken, NJ, August 08, 2009

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This transcription covers the Teterboro Airport Traffic Control Tower (ATCT) LC position for the time period from August 08, 2009, 1536 UTC, to August 08, 2009, 1606:00 UTC.

Agencies Making Transmissions

Abbreviations

|                                |        |
|--------------------------------|--------|
| Teterboro Tower, Local Control | LC     |
| Solutions, LJ40                | BJS610 |
| Teterboro Airport Operations   | OPS    |
| N355FF, Helicopter AS355F1     | N355FF |
| Unknown                        | UNK    |
| Starbase, E135                 | SBE809 |
| New York TRACON                | N90    |
| N71MC, PA32                    | N71MC  |
| N4409TD, Helicopter B407       | N409TD |
| N218EC, GLF5                   | N218EC |
| Newark ATCT                    | EWRT   |
| N407TD, Helicopter B407        | N407TD |
| N5060P, Cessna C172            | N5060P |
| N427ML, Helicopter B427        | N427ML |
| N220GS, LJ35                   | N220GS |

I hereby certify that the following is a true transcription of the recorded conversations pertaining to the subject aircraft accident involving N71MC.

Laurence F. Brady  
Staff Support Specialist  
Teterboro ATCT

1536:00 LC runway one nine an are you familiar with and can you accept the one nine dalton departure

1536:04 BJS610 ah yes we can ah accept the one nine dalton departure ah for ah for six ten

1536:09 LC for solutions six ten change teterboro five to read the runway one nine dalton departure and the rest (unintelligible)

1536:15 BJS610 okay we'll change the teterboro five to read to read the dalton solutions six ten

1536:18 OPS no problem thank you too

1536:20 LC what did you have a what did you have a shovel or something

1536:22 OPS hell yeah

1536:23 LC (unintelligible)

1536:24 OPS gloves shovel i had somebody come help me

1536:26 LC i saw that

1536:27 OPS i'm not pickin any shit up like that

1536:29 LC (unintelligible)

1536:30 OPS disgusting and then people were just like driving augh

1536:33 LC i drove over top of it this morning

1536:36 N355FF good morning teterboro helicopter three five five fox fox

1536:39 LC three five five fox fox ah let me call you back

1536:40 OPS alright bye

1536:40 LC alright

1536:42 LC helicopter three five five foxtrot foxtrot teterboro

1536:46 N355FF yeah we're at seventy nine so wonder if we could cut across the ah northern east corner of your a t a going up to stewart helicopter at eight hundred feet

1536:57 LC helicopter five foxtrot foxtrot squawk zero three one one

1536:59 N355FF zero three one one in the box fox fox  
1538

1538:17 UNK (unintelligible)

1538:18 BJS610 and ah just to confirm for ah solutions six ten full length runway one nine correct

1538:23 LC that's affirmative

1538:24 BJS610 okay

1538:35 SBE809 and tower starbase eight zero nine ready to taxi out of signature with hotel

1538:41 LC starbase eight zero nine teterboro tower taxi to runway one nine

1538:46 SBE809 four nine starbase (unintelligible) thank ya

1538:50 LC helicopter five foxtrot foxtrot radar contact a mile west of the g w and ah same requested altitude or you just gonna stay ah at five hundred  
1539

1539:04 LC helicopter five fox fox teterboro

1539:06 N355FF ah go for fox fox

1539:08 LC yeah helicopter five fox fox radar contact a mile northwest of the ah g w then ah you just gonna stay at five hundred

1539:13 N355FF ah yeah but we actually we're gonna climb up a little bit here but til we get out of your airspace we'll stay out of your way

1539:18 LC okay no problem i don't have any traffic on the ah east side anyway

1539:22 N355FF five fox  
1540

1540:10 BJS610 dah solutions six ten is ready

1540:18 LC solution six ten thank you i'm awaiting your release

1540:34 N90 departure ah solution six ten is released

1540:39 LC he's rollin (unintelligible) \*(der) all right

1540:41 LC solutions six ten runway one nine dalton departure cleared for take off

1540:45 BJS610 cleared for take off solutions six ten  
1541

1541:24 BJS610 confirm solution six ten cleared for take off

1541:27 LC affirmative

1541:28 BJS610 sir

1541:50 N71MC ah teterboro tower lance november seven one mike charlie

1541:58 LC and the lance callin say again the call sign

1542:00 N71MC ah that's lance november seven one one mike charlie at meridian with hotel ready to taxi

1542:05 LC lance seven one mike charlie taxi to runway one nine intersection bravo

1542:10 N71MC over to one niner intersection bravo

1542:16 LC solutions six ten contact new york departure one one niner point two we'll see ya

1542:19 BJS610 have a good day

1542:21 LC an lance one mike charlie you gonna be requesting of v f r down the river to ocean city or just ah southwest bound

1542:30 N71MC i'll \*(tell ya) the most direct so i can take either one

1542:33 LC okay just ah let me know so i know who to ah coordinate \*(da) handoff with

1542:38 N71MC alright i'll tell you what i'll take down the river that'd be fine

1542:40 LC no problem

1542:41 LC helicopter five foxtrot foxtrot contact new york approach one two zero point eight

1542:46 N355FF hey we're just gonna check out if that's okay with you

1542:48 LC okay no problem squawk v f r radar service terminated frequency change approved

1542:51 N355FF roger thanks very much go yankees  
1543

1543:09 SBE809 and starbase eight zero nine holding short of one nine in sequence ready

1543:14 LC starbase eight zero nine roger ah don't know how long it's going to be for your release ah with the teterboro five off of runway one nine it conflicts with newark final overhead so they have to a um make a hole in a ah final in order to get you out

1543:38 N71MC ah tower seven one mike charlie just pulling out of ah meridian ah at ah papa if you could give me a progressive i'd appreciate it

1543:47 LC lance one mike charlie turn left on papa join ah papa to lima to one nine at bravo

1543:52 N71MC papa to lima one nine to bravo thanks  
1544

1544:33 N90 departure starbase released

1544:38 LC hey dave he's not a dalton

1544:40 N90 what is he

1544:41 LC ah regular nineteen

1544:43 N90 whoop whoops let me get a release then thank you

1544:45 LC (unintelligible)  
1545

1545:11 N90 hey carlyle after air shuttle twenty six oh two five  
northwest he's ah released

1545:17 LC (unintelligible)

1545:18 N90 see ya

1545:19 N90 carlyle ask him where where air shuttle is

1545:22 LC (unintelligible)

1545:27 LC hey ah davey

1545:30 N90 yo

1545:30 LC where where is air shuttle at

1545:32 N90 almost over your head

1545:33 LC (unintelligible)

1545:35 N90 (unintelligible)

1545:52 LC starbase eight oh nine runway one nine position and hold

1545:54 SBE809 one nine position and hold starbase eight zero nine  
1546

1546:53 LC starbase eight oh nine runway one nine cleared for  
takeoff

1546:55 SBE809 one nine cleared for takeoff starbase eight zero nine  
1547

1547:40 LC starbase eight oh nine contact new york departure one  
one niner point two

1547:44 SBE809 an \*(depatures) starbase eight zero nine thank you

1547:52 N409TD and tower helicopter nine tango delta with hotel

1547:56 LC helicopter nine tango delta teterboro tower

1547:58 N409TD comin up on the lincoln tunnel lookin for ah juliet  
going to jet  
1548

1548:03 LC helicopter nine tango delta report georges squawk zero  
three zero one

1548:09 N409TD zero three zero one for nine t d

1548:15 N71MC ah teterboro tower seven one mike charlie's at ah bravo  
short of one niner ready for departure

1548:22 LC lance one mike charlie left turn to the southeast is  
approved one thousand one hundred and below runway one  
nine intersection bravo cleared for takeoff

1548:29 N71MC ah right it's a left turn at one thousand one ah try one  
thousand one niner an or below

1548:35 LC one thousand one hundred eleven hundred and below

1548:37 N71MC eleven hundred below and ah did you clear me for  
departure

1548:41 LC affirmative

1548:42 N71MC very much sir  
1549

1549:46 LC helicopter nine tango delta traffic departing runway one  
nine will be turnin to the southeast join the river  
climbing to one thousand one hundred it's a lance

1549:53 N409TD nine tango delta's look\*(ing)  
1550

1550:02 LC lance one mike charlie radar contact say altitude

1550:05 N71MC seven mike charlie climbing out of four hundred

1550:08 LC lance one mike charlie roger traffic eleven o'clock and  
two miles northwestbound one thousand a helicopter

1550:13 N71MC seven one mike charlie lookin

1550:15 N409TD nine tango delta's got em maintain visual

1550:17 LC helicopter nine tango delta thank you---lance one mike  
charlie helicopter has you in sight

1550:22 N71MC thank you sir

1550:24 N409TD and nine t d is comin up on georges

1550:26 LC helicopter nine tango delta taxiway juliet cleared to  
land

1550:29 N409TD cleared to land juliet nine t d

1550:32 LC (unintelligible)

1550:37 LC (unintelligible)

1550:41 OPS operations

1550:42 LC do we have plenty of gas in the grill



1550:44 OPS huh

1550:44 LC i said we got plenty of gas in the grill

1550:45 OPS (unintelligible) it kinda sucks that we can't we won't be able to do it today

1550:50 LC (unintelligible) fire up the the cat

1550:52 OPS ooh disgusting augh that thing was disgusting

1550:56 LC chinese people do it so why can't we

1550:58 OPS augh stop it

1550:59 LC (unintelligible)  
1551

1551:01 OPS i ah let me let me find out you guys were like with your binoculars looking all over the place

1551:05 LC well i saw you come out and the stop down \*(the end of the) road i said what the hell is she doing

1551:09 OPS yah

1551:10 LC so i got the binoculars and \*(he skipped out there said)

1551:12 OPS ooh you saw my face

1551:14 LC (unintelligible) somewhat

1551:15 OPS (unintelligible)

1551:17 LC one mike charlie start a left turn to join the hudson river

1551:20 N71MC one mike charlie

1551:21 LC this freeking guy

1551:22 OPS i know (unintelligible)

1551:24 LC (unintelligible)

1551:25 OPS oh my god it yeah it was it was pretty bad augh

1551:28 LC but it smell it couldn't a smell it ain't been there that long

1551:30 OPS you know what i how i held everything because i get nauseous really quick and things were squirtin all over the place that shouldn't have been

1551:42 LC get outta here

1551:43 OPS ooh it was disgusting

1551:44 LC no

1551:45 OPS yeah it seems like when they ran over the cat ah it basically came out like the cats mouth and (unintelligible) if you know what i mean

1551:48 N218EC november two one eight echo charlie taxi with hotel from jet aviation

1551:55 LC no shit (unintelligible) \*(hold on one sec)

1551:58 OPS yeah

1551:59 LC beech one eight echo charlie (unintelligible) tower taxi runway one nine cross (unintelligible) i'll tell you what cross one nine at kehbeck an taxi to one nine

1552:10 N218EC we'll ah taxi to one nine cross one nine at quebec

1552:13 LC damn i'll (unintelligible) get the damn dude here

1552:15 OPS yeah i know (unintelligible) no but no it it was pretty bad

1552:19 LC lance one mike charlie contact newark tower one two seven point eight five

1552:20 N71MC one two seven point (unintelligible)

1552:20 EWRT (unintelligible) \*(putting him on a two twenty heading)

1552:23 OPS are you ah doing everything on your own

1552:25 LC somewhat ho hold on real quick

1552:27 OPS okay

1552:28 LC say again newark (unintelligible) uh i did --- keep an eye on him though (unintelligible)

1552:37 LC one mike charlie newark twenty seven eighty five

1552:41 LC he's lost in the hertz (unintelligible)

1552:43 OPS ah \*(just about)

1552:48 LC lance seven one mike charlie teterboro tower

1552:53 LC (unintelligible) that's why i don't---try not give them the frequency 'cuz

1552:57 OPS yeah makes sense he probably switched over already

1552:59 LC to the wrong frequency that's the problem

1553:01 OPS oh shit

1553:02 LC (unintelligible)

1553:04 OPS mm mm mm

1553:07 LC damn

1553:08 OPS ya got ah baby sit \*(home)

1553:09 LC yeah let me straighten \*(sh) stuff out

1553:09 OPS alright

1553:10 LC alright

1553:10 OPS um bye

1553:17 LC hey newark teterboro did you get em yet

1553:19 EWRT nope

1553:20 LC alright

1553:24 LC (unintelligible) hey ah departure t eight oh one

1553:31 N90 \*(bravo charlie) try approach one two seven six --- what

1553:33 LC you haven't happen to have some seven one mike charlie call you did you

1553:38 N90 seven one mike charlie

1553:39 LC yeah

1553:39 N90 no

1553:40 LC alright if he does give him to newark twenty seven eighty five

1553:43 N90 twenty seven eight five okay (unintelligible)

1553:45 LC alright

1554

1555

1555:02 EWRT teterboro newark

1555:04 LC teterboro

1555:05 EWRT and that guy that you ah handed off

1555:08 LC yeah

1555:09 EWRT what was his call sign again

1555:10 LC seven one mike charlie

1555:12 N407TD teterboro tower helicopter four zero seven tango delta

1555:14 EWRT seven one what

1555:15 LC seven one mike charlie

1555:17 EWRT seven one mike charlie okay i think he went down in the hudson what type aircraft was he

1555:22 LC he was a lance p a thirty two

1555:22 N407TD \*(teterboro tower helicopter four zero seven tango delta)

1555:23 EWRT p a thirty two

1555:23 LC alright

1555:24 EWRT okay thanks

1555:25 LC thanks

1555:32 LC helicopter four zero seven tango delta teterboro tower

1555:34 N407TD at lincoln tunnel one thousand we're inbound \*(sierra) for juliet

1555:37 LC helicopter seven tango delta squawk zero three one four

1555:42 N407TD zero three one four be advised there was an airplane crashed into a helicopter just south of the lincoln a minute ago

1555:51 LC yep you know what and i worked him i wasn't we were looking for him also  
1556

1556:02 LC tower

1556:03 OPS did he say what i thought he said

1556:04 LC yeah

1556:05 OPS where at

1556:05 LC over the river

1556:06 OPS oh my lord okay thanks

1556:08 LC alright

1556:09 OPS bye

1556:10 N5060P (unintelligible) teterboro this is cessna five zero six zero papa at one thousand five hundred crossing the ah george washington request transition over the field

1556:17 LC cessna five zero six zero papa your radio is very scratchy almost unreadable you can proceed westbound to caldwell just remain below the floor of the bravo

1556:24 N5060P roger six zero papa

1556:26 LC gulfstream echo charlie you can cross runway ah two four at the end then waiting your release

1556:31 N218EC one eight echo charlie

1556:34 LC and seven tango delta you said the ah you said he did hit a helicopter

1556:38 N407TD yeah he smacked into him they both went down in the hudson

1556:56 N5060P teterboro six zero papa you you gave us ah permission to transition over the airport to caldwell

1557:00 LC helicopter six zero papa affirmative proceed westbound to caldwell altimeter three zero two three

1557:05 N5060P six zero papa

1557:38 N407TD seven tango delta we're at georges

1557:41 LC seven tango delta taxiway juliet cleared to land  
1558

1558:20 LC tower

1558:21 OPS hey sorry to bother you wasn't the guy that departed from here right

1558:23 LC yeah it was that lance

1558:24 OPS get it it it was ah seven one mike charlie

1558:27 LC yes

1558:28 OPS oh my lord okay thanks

1558:29 LC alright

1558:30 OPS bye yeah  
1559

1559:10 N407TD seven tango delta we're clear see ya

1559:14 LC seven t d have a good one

1600:00 UNK (unintelligible)

1600:03 LC say again

1600:04 EWRT (unintelligible) hold on one second bro i'll be with you in a minute

1600:09 EWRT you know this cat done this cat put it in the hudson right

1600:12 LC yeah i just one of my helicopters inbound a sierra just told me

1600:14 EWRT yeah p a thirty two he's down (unintelligible) handed off to we never talk to him though but he's he's down they said the debris field and everything so

1600:21 LC yeah he he departed from here

1600:22 EWRT yeah oh he did depart from there then right

1600:24 LC yeah he departed here and he was just headed southbound and told him to turn towards the river

1600:28 EWRT (unintelligible) we're just lettin' you know they have \*(forwards) going out so and we just wanted confirm he actually did depart there okay

1600:33 LC alright hey

1600:34 EWRT alright when they come looking for um you where to tell them

1600:36 LC okay did ya whatever you need to call back for cause i'll get dennis to start i guess whatever paperwork we need to do

1600:41 EWRT you got it chico

1600:42 LC alright

1600:42 EWRT alright papa

1600:43 LC see ya



1600:43 EWRT nine o

1600:56 N5060P teterboro cessna six zero papa request frequency change

1601:00 LC cessna six zero papa squawk v f r frequency change  
approved radar service terminated

1601:05 N5060P squawk ah v f r (unintelligible)  
1602

1602:34 N427ML teterboro tower helicopter four two seven mike lima good  
morning

1602:41 LC helicopter four two seven mike lima

1602:43 N427ML yes sir four two seven mike lima

1602:46 LC helicopter seven mike lima go ahead

1602:48 N427ML yes down here on first would like a present location  
departure to the south of your ah

1602:52 N90 departure eight echo charlie is released

1602:54 LC helicopter seven mike lima from first proceed outbound  
on the sierra

1602:57 LC released him

1602:57 N427ML (unintelligible) mike lima (unintelligible)  
1603

1603:17 N220GS two twenty golf sierra is with you on the visual

1603:20 LC lear two two zero golf sierra teterboro tower continue  
altimeter three zero two three

1603:24 N220GS roger (unintelligible) golf sierra  
1604

1604:21 LC gulfstream eight echo charlie runway one nine dalton  
departure cleared for takeoff traffic for final is a  
lear

1604:25 N218EC one nine cleared for takeoff two one eight echo charlie

1604:49 LC lear zero golf sierra reduce to final approach speed  
1605 traffic about to departs a gulfstream

1605:30 N427ML teterboro tower helicopter four two seven mike lima  
request frequency change over river

1605:48 LC learjet golf sierra runway one nine cleared to land

1605:50 N220GS cleared to land one nine golf sierra

1605:54 N427ML teterboro tower helicopter four two seven mike lima  
request frequency change for river

1605:58 LC seven mike lima squawk v f r frequency change approved

1606:00 N427ML seven mike lima

End of Transcript

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