



Federal Aviation Administration

Memorandum

Date: December 14, 2018

To: Aircraft Accident File 18-001-BIS

From: Bismarck Airport Traffic Control Tower

Subject: **INFORMATION**: Partial Transcript
Aircraft Accident, N441CX
Mandan, ND, November 19, 2018

This transcription covers the Bismarck Airport Traffic Control Tower (ATCT) E AP position for the time period from November 19, 2018, 0322 UTC, to November 19, 2018, 0543 UTC.

I certify that the following is a true transcription of the recorded conversations pertaining to the subject Accident involving N441CX.

DOUGLAS M HILSEN
Digitally signed by
DOUGLAS M HILSEN
Date: 2018.12.14
09:23:23 -06'00'

Doug Hilsen
Air Traffic Manager
Bismarck ATCT

Agencies Making Transmissions

Abbreviations

Bismarck Approach/Departure East/West

W

Positions (Combined)
C441, N441CX
Unknown Transmission Source Minneapolis
Center, Area 4, Sector 23 TRANS STATES
AIRLINES, INC., LOF4684

N441CX
UNKNOWN
R23
LOF4684

0402
(0402-0431
) 0432
0432:32 N441CX bismarck departure conquest four four one charlie x-ray's
off bismarck two thousand six hundred climbing to one
four thousand

0432:37 W conquest four four one charlie x-ray bismarck departure
radar contact cleared direct to williston

0432:42 N441CX direct williston one charlie x-ray
0433
(0434-0436)
0437
0437:15 UNKNOWN --mic click--
0438
(0439-0440)
0441
0441:05 W conquest four four one charlie x-ray bismarck

0441:10 W conquest four four one charlie x-ray bismarck

0441:29 W conquest four one charlie x-ray bismarck

0441:39 W twenty three bis

0441:42 R23 twenty three

0441:43 W hey you see four four one charlie x-ray out there about
eighteen miles northwest of bismarck

0441:48 R23 i don't see anybody

0441:50 W yeah i just lost his target on him thanks

0441:52 R23 okay thanks

0441:54 W conquest four four one charlie x-ray bismarck approach

0442 over

0442:04 W conquest four four one charlie x-ray bismarck approach

0442:22 W --mic click--

0442:24 W conquest four four one charlie x-ray bismarck approach
over

0442:31 W conquest four four one charlie x-ray bismarck approach on
emergency frequency one two one point five over

0442:45 W conquest four four one charlie x-ray bismarck approach
emergency one two one point five over

0443

0443:33 W conquest four four one charlie x-ray bismarck approach
over

0444

0444:20 W twenty three bis

0444:23 R23 twenty three

0444:24 W yeah i lost the target on four four one charlie x-ray if
he comes over to you let me know please

0444:29 R23 okay did you have uh a recent altitude

0444:32 W i am i'm pretty sure he's level at one four thousand and
is about uh fifteen to seventeen miles northwest of
bismarck on course to williston

0444:38 R23 i don't see him out there at all okay

0444:40 W right right just lost him thanks

0444:42 R23 okay thanks

0444:43 W yep

0445

0445:37 W conquest four four one charlie x-ray bismarck approach over

0445:43 W conquest four four one charlie x-ray bismarck approach one two one point five over

0446

0447

0447:11 W conquest four four one charlie x-ray bismarck approach

0448

0449

0449:20 W conquest four four one charlie x-ray bismarck approach on uh guard frequency one two one point five over

0450

0451

0452

0452:18 W twenty three bis

0452:22 R23 twenty three

0452:23 W take it nothing on that four four one charlie x-ray

0452:25 R23 nope i've been trying to and i hear you're trying so i'm not going to uh clog up uh

0452:29 W right does --- does your uh supervisor whoever the watch desk know what's going on

0452:35 R23 we are uh in the process of doing that yep so

0452:37 W okay thanks b t

0452:39 R23 we'll uh --- yeah we'll get back to you

0452:44 W yeah we're we're calling the den right now and we'll see what's going on yep

0453

(0454-0502)

0503

0503:19 W conquest four four one charlie x-ray bismarck approach over

0503:24 W conquest four four one charlie x-ray this is bismarck approach on uh emergency one two one point five over

0503:45 W and on guard frequency looking for a conquest four four one charlie x-ray this is bismarck approach --- four four one charlie x-ray bismarck approach over

0504
0505
0506

0506:11 LOF4684 hello bismarck waterski forty six eighty four's with you fourteen four descending eight thousand

0506:15 W waterski forty six eighty four bismarck approach good evening descend pilot's discretion maintain uh four thousand five hundred fly heading zero three zero that'll be vector i l s runway three one approach

0506:27 LOF4684 all right zero three zero on the heading down to four thousand for waterski forty six eighty four

0506:32 W waterski forty six eighty four altitude's four thousand five hundred do have new weather for you advise uh ready to copy

0506:42 LOF4684 all righty forty five hundred and we're ready to copy weather

0506:46 W kay and waterski uh forty six eighty four new weather is uh the wind zero four zero at niner visibility one zero few clouds at niner hundred ceiling's two thousand four hundred overcast temperature minus four dewpoint minus six altimeter three zero zero one field conditions remain the same and this will be i l s runway three one approach

0507

0507:05 LOF4684 all right copy all that and thanks for that waterski forty six eighty four

0507:08 W and waterski forty six eighty four if you could do me a favor try and get a hold of an aircraft

0507:19 LOF4684 all right ready to copy

0507:20 W okay the call sign is four four one charlie x-ray and we're looking for him on approach on this frequency if you could uh just reach out see if you get a hold of him i'd appreciate that

0507:46 LOF4684 and four four one charlie x-ray this is waterski forty six sixty four relaying a message

0508:00 LOF4684 four four one charlie x-ray this is waterski relaying a message

0508:13 LOF4684 all right four four one charlie x-ray waterski broadcasting in the blind uh look for bismarck approach on one twenty six point three if you would

0508:27 W and waterski forty six eighty four thanks for the help uh you got no response correct

0508:32 LOF4684 yeah no joy on them

0508:34 W roger that
0509
0510

0510:34 W waterski forty six eighty four uh got a question for you

0510:38 LOF4684 fire away

0510:40 W yeah we lost a target on an aircraft about eighteen miles northwest of bismarck is there any chance i could have you deviate over there and fly around that area see if you can see anything

0510:51 LOF4684 yeah we're in the soup right now uh we could uh yeah i guess we could do that

0510:57 W i appreciate that uh waterski forty six eighty four roger uh fly heading or turn left heading three one zero that'll be vectors just to circle around that spot i'll be able to get you down to three thousand seven hundred out there and you can let me know what it looks like

0511

0511:11 LOF4684 all right three one zero on the heading waterski forty six eighty four and i did hear a conquest trying to call you on the emergency frequency uh a long time ago probably about fifteen twenty minutes back

0511:22 W okay i know i've been trying to get a hold of them on the emergency frequency uh it might've been me but uh yeah we haven't heard anything

0512

0512:04 W and waterski forty six eighty four you got enough fuel for this be about uh probably a half hour delay i'm guessing

0512:10 LOF4684 yeah we can't do a half hour

0512:12 W okay uh yeah uh another twenty twenty five miles until you get to the spot

0512:17 LOF4684 yeah we're unable that

0512:19 W waterski forty six eighty four roger understand turn back to your right now heading of uh zero niner zero vector i l s runway three one approach

0512:26 LOF4684 all right sorry about that zero niner zero waterski forty six eighty four

0512:30 W i understand

0513

(0514-0542)

0543

End of Transcript



Federal Aviation Administration

Memorandum

Date: December 14, 2018

To: Aircraft Accident File 18-001-BIS

From: Minneapolis Air Route Traffic Control Center

Subject: **INFORMATION**: Partial Transcript
Aircraft Accident, N441CX
Mandan, ND, November 19, 2018

This transcription covers the Minneapolis Air Route Traffic Control Center (ARTCC) 20 R position for the time period from November 19, 2018, 0411 UTC, to November 19, 2018, 0542 UTC.

I certify that the following is a true transcription of the recorded conversations pertaining to the subject Accident involving N441CX.

Brian Vaughan
Quality Control Specialist
Minneapolis ARTCC

Agencies Making Transmissions	Abbreviations
Bismarck Air Traffic Control Center	BIS ATCT
Minneapolis Air Route Traffic Control Center, Sector 20 Radar Controller Position	R20
Salt Lake Air Route Traffic Control Center, Sector Seventeen Controller	ZLC 17

0411
(0412-0440)

0441
0441:39 BIS ATCT twenty three bis

0441:43 R20 twenty three

0441:44 BIS ATCT do you see four four one charlie xray out there about eighteen miles northwest of bismarck

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N441CX

0441:47 R20 i don't see anybody

0441:49 BIS ATCT yep i just lost his target on him thanks

0441:51 R20 okay thanks
0442
0443
0444
0444:23 R20 twenty three

0444:24 BIS ATCT ya i just lost a target on four four one charlie xray if
he comes over to you let me know please

0444:27 R20 okay did you have ah ah recent altitude

0444:32 BIS ATCT i've am i'm pretty sure he's level at one four thousand
and

0444:34 R20 really

0444:35 BIS ATCT about ah fifteen to seventeen miles northwest of bismarck

0444:37 R20 that's odd ya i don't see him out there at all okay

0444:40 BIS ATCT right right just lost him thanks

0444:41 R20 okay thanks j
0445

0445:01 R20 november four four one charlie xray minneapolis

0445:40 R20 november four four one charlie xray minneapolis
0446
0447
0447:08 R20 november four four one charlie xray minneapolis center
0448
0449
0449:30 R20 conquest four four one charlie xray minneapolis center
ident
0450

0451

0451:07 R20 conquest four four one charlie xray minneapolis center
0452

0452:17 BIS ATCT twenty three bis

0452:21 R20 twenty three

0452:22 BIS ATCT you didn't get nothing on that four four one charlie xray

0452:24 R20 nope i've been trying too i hear you're trying so i'm not
gonna clog up ah

0452:25 BIS ATCT right

0452:26 R20 the line and

0452:30 BIS ATCT did does your supervisor whoever the watch desk know
what's going on

0452:34 R20 we are ah in the process of doing that yep

0452:36 BIS ATCT okay thanks

0452:37 R20 so

0452:38 BIS ATCT b t

0452:39 R20 we'll ah ya we'll get back to ya

0452:40 BIS ATCT ya we're we're calling the den right now

0452:41 R20 okay thanks

0452:42 BIS ATCT *(just to tell them what's going on)

0453

0454

0451

0451:07 R20 conquest four four one charlie xray minneapolis center
0452

0452:17 BIS ATCT twenty three bis

0452:21 R20 twenty three

0452:22 BIS ATCT you didn't get nothing on that four four one charlie xray

0452:24 R20 nope i've been trying too i hear you're trying so i'm not
gonna clog up ah

0452:25 BIS ATCT right

0452:26 R20 the line and

0452:30 BIS ATCT did does your supervisor whoever the watch desk know
what's going on

0452:34 R20 we are ah in the process of doing that yep

0452:36 BIS ATCT okay thanks

0452:37 R20 so

0452:38 BIS ATCT b t

0452:39 R20 we'll ah ya we'll get back to ya

0452:40 BIS ATCT ya we're we're calling the den right now

0452:41 R20 okay thanks

0452:42 BIS ATCT *(just to tell them what's going on)

0453

0454

to (unintelligible)

0459:06 R20 ah why don't i just keep the data block so that i can so
he doesn't drop off my scope

0459:11 ZLC 17 okay

0459:12 R20 since we're the ones out looking for him

0459:13 ZLC 17 okay that'll work

0459:14 R20 thanks

0459:15 ZLC 17 alright thanks (unintelligible)

0500

(0501-0504)

0505

0505:12 R20 november four four one charlie xray minneapolis

0506

(0507-0510)

0511

0511:24 R20 november four four one charlie xray minneapolis

0512

(0513-0541)

0542

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.