

U.S. Department of Transportation Federal Aviation Administration

Memorandum

Subject: INFORMATION: Partial Transcript; Aircraft Accident; N153ER & N3038N; 1 NM NE of Deland Municipal Airport (DED), FL.; December 3, 1999; 1520 UTC Date: December 15, 1999

Reply to Attn of:

- From: Daytona Beach ATCT
 - To: Aircraft Accident File DAB-ATCT-252

This transcription covers the Daytona Beach ATCT Clearance Delivery position for the time period from December 3, 1999, 1345 UTC to December 3, 1999, 1431 UTC.

Agencies Making Transmissions N153ER Daytona Beach ATCT, Clearance Delivery N3038N Abbreviations R153 CD N3038N

I hereby certify that the following is a true transcription of the recorded conversations pertaining to the subject aircraft accident involving N153ER and N3038N:

Richard A. Marsh Air Traffic Control Specialist Daytona Beach ATCT

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Page 2 of 4		
1353 1354 1355 1356 1357 1358 1358:53	R153	daytona clearance uh riddle one five three requesting uh v f r departure to leesburg at uh two thousand five
1359		hundred feet and we have information alpha
1359:08	CD	november one five three daytona clearance delivery on request standby
1359:25	CD	riddle one five three maintain v f r at or below two thousand five hundred departure control frequency will be one two five point three five squawk zero one one two
1359:38	R153	ah riddle one five three at or below two thousand five hundred radio one two five point three five and squawking zero one one two
1359:47	CD	riddle one five three readback correct and uh ground one two one point niner to taxi
1359:52 1400 1401 1402 1403 1404 1405 1406	R153	one two one point niner to taxi thank you very much riddle one five three

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1407

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1413 1414 1415 1416 clearance delivery seminole three zero three eight 1416:19 N3038N november CD three zero three eight november daytona clearance 1416:32 delivery and good morning daytona three zero three eight N3038N 1416:35 november would like to request a local if r clearance ah ah we would shoot ah v o r two three approach deland to be followed by n d b approach runway thirty deland and uh then we'll break off and come back for an ils later 1417 CD three zero three eight november you have the current 1417:03 atis alpha ah three eight november we have affirmative alpha 1417:06 N3038N november three zero three eight november is cleared to 1417:25 CD the deland airport via radar vectors climb and maintain two thousand departure control frequency will be one two three point niner squawk zero two five seven 1417:40 N3038N okay uh seminole three zero three eight november is cleared to de deland via radar vectors climb maintain two thousand one two three point niner and squawk zero two five seven three zero three november readback correct where you CD 1417:55 parked now

1417:59 N3038N we're parked at the jet center sir

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1418:01	CD	contact ground one two one point niner to taxi
1418:04 1419 1420 1421 1422 1423 1424 1425 1426 1427 1428 1429 1430	N3038N	ah roger
1430		
		End of Transcript

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Memorandum

Administration
Subject: INFORMATION: Partial Transcript; Aircraft
Accident; N153ER and N3038N; 1 NM NE

December 3, 1999; 1520 UTC

Date: December 15, 1999

Reply to Attn of:

- From: Daytona Beach ATCT
 - To: Aircraft Accident File DAB-ATCT-252

This transcription covers the Daytona Beach ATCT Ground Control 2 position for the time period from December 3, 1999, 1402 UTC to December 3, 1999, 1432 UTC.

<u>Agencies Making Transmissions</u> N153ER Daytona Beach ATCT, Ground Control 2 N3038N

of Deland Municipal Airport (DED), FL.;

Abbreviations R153 GC2 N3038N

I hereby certify that the following is a true transcription of the recorded conversations pertaining to the subject aircraft accident involving N153ER and N3038N:

Richard A. Marsh Air Traffic Control Specialist Daytona Beach ATCT

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1411 1411:40	R153	daytona ground riddle one five three is at the romeo three taxiway ah taxi for takeoff and we have alpha
1411:48	GC2	riddle one five three daytona ground runway seven right taxi via echo hold short runway seven left and your new departure frequency one two three point niner
1412		
1412:01	R153	riddle one five three i will take seven right via echo hold short seven left and departure frequency one two three point niner
1412:09	GC2	riddle one five three readback correct hold short of the runway
1412:13 1413	R153	one five three hold short of seven left
1413:27	GC2	riddle one five three hold short of the runway contact ground one two four point two five
1413:33 1414 1415 1416 1417	R153	riddle one five three hold short of the runway contact ah ground one two four point two five
1418 1418:36	N3038N	and daytona ground uh three zero three eight november at the jet center with uh alpha like to taxi
1418:45	GC2	understand three zero three eight november
1418:48	N3038N	ah that's affirmative sir
1418:50	GC2	cessna three zero three eight november taxi to

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		to runway seven left intersection departure november five
1418:57	N3038N	three zero three eight november is a seminole sir and we'd like to take ah either two or three if possible
1419:03	GC2	seminole three zero three eight november roger uh taxi to intersection departure november three
1419:09 1410 1411 1412 1413 1414 1415 1416 1417 1418 1419 1420 1421 1422 1423 1424 1425 1426 1427 1428 1429 1430	N3038N	okay november three for three eight november via november via november right side
1431 1432		
1432		End of Transcript

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Subject: INFORMATION: Partial Transcript; Aircraft Accident; N153ER and N3038N; 1 NM NE of Deland Municipal Airport (DED), FL.; December 3, 1999; 1520 UTC

Date: December 15, 1999

Reply to Attn of:

- From: Daytona Beach ATCT
 - To: Aircraft Accident File DAB-ATCT-252

This transcription covers the Daytona Beach ATCT Ground Control 1 position for the time period from December 3, 1999, 1405 UTC to December 3, 1999, 1422 UTC.

<u>Agencies Making Transmissions</u> N153ER Daytona Beach ATCT, Ground Control 1 Abbreviations R153 GC1

I hereby certify that the following is a true transcription of the recorded conversations pertaining to the subject aircraft accident involving N153ER and N3038N:

Richard A. Marsh Air Traffic Control Specialist Daytona Beach ATCT

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1414:08	R153	daytona ground riddle one five three is holding short seven left
1414:16	GC1	riddle one five three daytona ground hold short for landing traffic
1414:19	R153	one five three holding short
1414:43	GC1	riddle one five three cross runway seven left taxi seven right
1414:46 1415 1416 1417 1418 1419 1420 1421 1422	R153	one five tree three crossing seven left taxi seven right
		End of Transcript

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Reply to Attn of:

- From: Daytona Beach ATCT
 - To: Aircraft Accident File DAB-ATCT-252

This transcription covers the Daytona Beach ATCT Local Control 2 position for the time period from December 3, 1999, 1408 UTC to December 3, 1999, 1432 UTC.

<u>Agencies Making Transmissions</u> N153ER Daytona Beach ATCT, Local Control 2 Abbreviations R153 LC2

I hereby certify that the following is a true transcription of the recorded conversations pertaining to the subject aircraft accident involving N153ER and N3038N:

Richard A. Marsh Air Traffic Control Specialist Daytona Beach ATCT

- 1409
- 1410
- 1411
- 1412
- 1413
- 1414
- 1415
- 1416
- 1417

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1418 1419 1420 1420:47	R153	daytona tower riddle one five three is uh ready for takeoff
1420:52	LC2	riddle one five three use caution for birds fly runway heading runway seven right cleared for takeoff
1420:57 1421 1422	R153	runway heading seven right cleared for takeoff
1423 1423:07	LC2	riddle one five three i need you to squawk zero one one two and fly heading one one zero
1423:11	R153	zero one one two fly heading one one zero
1423:46	LC2	one five three contact departure one two three point niner
1423:49 1424 1425 1426 1427 1428 1429 1430 1431 1432	R153	contacting departure one two three point niner riddle one five three thanks
		End of Transcript

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End of Transcript



U.S. Department of Transportation Federal Aviation Administration

Memorandum

Subject: INFORMATION: Partial Transcript; Aircraft Accident; N153ER and N3038N; 1 NM North of Deland Municipal Airport (DED), FL.; December 3, 1999; 1520 UTC

Date: December 15, 1999

Reply to Attn of:

- From: Daytona Beach ATCT
 - To: Aircraft Accident File DAB-ATCT-252

This transcription covers the Daytona Beach ATCT Departure-Departure Radar position for the time period from December 3, 1999, 1414 UTC to December 3, 1999, 1434 UTC.

<u>Agencies Making Transmissions</u> N153ER Daytona Beach ATCT, Departure-Departure Radar Abbreviations R153 D-DR

I hereby certify that the following is a true transcription of the recorded conversations pertaining to the subject aircraft accident involving N153ER and N3038N:

Richard A. Marsh Air Traffic Control Specialist Daytona Beach ATCT

- 1414
- 1415
- 1416
- 1417
- 1418
- 1419
- 1420 1421
- 1422
- 1423

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1424 1424:04	R153	daytona departure uh riddle one five three climbing through one thousand five hundred feet
1424:08	D-DR	riddle one five three daytona departure radar contact
1424:13	R153	one five three
1424:15	D-DR	riddle one five three contact approach one two five point three five
1424:19 1425 1426 1427	R153	contacting approach one two five point three five riddle one five three
1427 1427:03 1428 1429 1430 1431 1432 1433 1434	D-DR	riddle one five three daytona you still with me
		End of Transcript



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Date: December 15, 1999

Reply to Attn of:

- From: Daytona Beach ATCT
 - To: Aircraft Accident File DAB-ATCT-252

This transcription covers the Daytona Beach ATCT South-Arrival Radar position for the time period from December 3, 1999, 1400 UTC to December 3, 1999, 1445 UTC.

<u>Agencies Making Transmissions</u> N153ER Daytona Beach ATCT, South-Arrival Radar Abbreviations R153 S-AR

I hereby certify that the following is a true transcription of the recorded conversations pertaining to the subject aircraft accident involving N153ER and N3038N:

Richard A. Marsh Air Traffic Control Specialist Daytona Beach ATCT

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1410 1411 1412 1413 1414 1415 1416 1417 1418 1419 1420 1421 1422 1423		
1424 1424:45 1425	R153	daytona departure riddle one five three
1425:01	S-AR	who else called me please
1425:18	R153	daytona departure riddle one five three is climbing through two thousand three hundred feet
1425:24	S-AR	riddle one five three daytona is radar contact proceed on course
1425:28 1426 1427 1428 1429 1430	R153	one five three on course
1431 1431:06	S-AR	riddle one five three fly heading one eight zero vector on course
1431:10	R153	one five three uh one eight zero vector on course thank you

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1431:40	S-AR	riddle one five three fly southbound please one eighty heading have on course for you in three miles thanks
1431:46	R153	(unintelligible) roger one five three
1431:48	S-AR	riddle one five three daytona fly heading one eight zero please
1431:53	R153	one five three this is heading one eight zero
1431:55 1432	S-AR	that's correct thank you
1433 1433:31	S-AR	riddle one five three proceed on course company is twelve o'clock and two miles northwest bound at two thousand five hundred do you see him
1433:39 1434	R153	*(riddle one) five three negative we're looking
1434:04	S-AR	riddle one five three do you see the company issued two o'clock and a mile northwest bound your altitude
1434:08	R153	riddle one five three we have traffic in sight
1434:11	S-AR	thank you mam you can proceed on course riddle one five three maintain visual separation with the company squawk v f r radar service terminated and next frequency will be orlando on one two one point one good day now
1434:20	R153	ah one five three ah thank you good day
1434:23 1435	S-AR	good day

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End of Transcript

* This portion of the rerecording is not entirely clear, but this represents the best interpretation possible under the circumstances.



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Reply to Attn of:

From: Daytona Beach ATCT

To: Aircraft Accident File DAB-ATCT-252

This transcription covers the Daytona Beach ATCT Local Control 1 position for the time period from December 3, 1999, 1425 UTC to December 3, 1999, 1449 UTC.

Agencies Making Transmissions N3038N Daytona Beach ATCT, Local Control 1 Abbreviations N3038N LC1

I hereby certify that the following is a true transcription of the recorded conversations pertaining to the subject aircraft accident involving N153ER and N3038N:

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Richard A. Marsh Air Traffic Control Specialist Daytona Beach ATCT

- 1425
- 1426
- 1427
- 1428
- 1429
- 1430
- 1431
- 1432 1433
- 1434

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1435 1435:55	N3038N	november three zero three eight november at november three ready for takeoff
1436:04	LC1	and missed the last call say again please
1436:08	N3038N	ah yes sir that was ah seminole three zero three eight november on november three ready for takeoff
1436:14	LC1	seminole three zero three eight november daytona tower hold short of runway seven left landing and departing traffic
1436:19 1437	N3038N	three eight november holding short
1438 1438:08	LC1	seminole three eight november runway seven left november three taxi into position and hold
1438:13	N3038N	position and hold three eight november
1438:29	N3038N	and tower three eight november do you have the exact time sir
1438:33	LC1	okay the time one four three eight and three one eight three four and a ha one eight
1438:38	LC1	one four three eight and one half zulu or local time nine thirty eight
1438:43	N3038N	nine thirty eight thank you
1438:48	LC1	seminole three eight november runway seven left runway heading cleared for takeoff

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1438:52 1439 1440	N3038N	ah three eight november cleared for takeoff
1440 1440:19	LC1	seminole three eight november turn left heading zero three zero contact departure
1440:22 1441 1442 1443 1444 1445 1445 1446 1447 1448 1449	N3038N	three eight november zero three zero contacting departure
		End of Transcript



U.S. Department of Transportation

Federal Aviation Administration

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Subject: **INFORMATION:** Partial Transcript; Aircraft Accident; N153ER and N3038N; 1 NM NE of Deland Municipal Airport (DED), FL.; December 3, 1999; 1520 UTC Date: December 15, 1999

From: Daytona Beach ATCT

Reply to Attn of:

To: Aircraft Accident File DAB-ATCT-252

This transcription covers the Daytona Beach ATCT North-Arrival Radar position for the time period from December 3, 1999, 1432 UTC to December 3, 1999, 1523 UTC.

<u>Agencies Making Transmissions</u> N3038N Daytona Beach ATCT, North-Arrival Radar Daytona Beach ATCT, North-Arrival Radar (Relieving Controller)

Abbreviations N3038N N-AR

N-AR(R)

I hereby certify that the following is a true transcription of the recorded conversations pertaining to the subject aircraft accident involving N153ER and N3038N:

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Richard A. Marsh Air Traffic Control Specialist Daytona Beach ATCT

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1440 1441 1441:55	N3038N	daytona approach three zero three eight november is with you out of eighteen hundred
1441:59	N-AR	november three zero three eight november daytona beach departure uh radar contact maintain one thousand six hundred expect vectors or correction uh maintain one thousand six hundred expect vectors to final
1442:10	N3038N	ah three zero three eight november is it possible we can have the full approach sir uh to fly over the v o r
1442:21	N-AR	november three zero three eight november unable v o r uh v o r deland approach
1442:58	N3038N	three eight november a mile north of ormond is fine sir
1443:01	N-AR	okay three eight november not for you sir unable v o r two three approaches fly tower assigned heading for now
1443:42	N-AR	three zero three november turn left heading three four zero and say your next request unable v o r two three at deland
1443:47	N3038N	ah three eight november we like to have ah n d b runway thirty deland if possible sir
1443:53	N-AR	okay three eight november delands saturated right now unable any approaches at deland let me rephrase that unable any approaches at deland

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1443:58	N3038N	i understand and ah let's go ahead and do ah v o r ah one six and ah we'll ah we'll do a new smyrna n d b approach ah two niner sir
1444:09	N-AR	november three eight november thank you turn left heading three four zero one thousand six hundred
1444:14	N3038N	heading three four zero sixteen hundred can we do the full approach on a v o r one six
1444:19	N-AR	okay climb and maintain two thousand one hundred for the full approach for three eight november
1444:24	N3038N	ah roger understand climb to three thousand
1444:49	N-AR	november three zero three eight november that's climb and maintain two thousand five hundred
1444:53 1445	N3038N	two thousand five hundred three eight november
1445:51	N-AR	okay three eight november you can turn left proceed direct ormond beach vortac proceed outbound approach two thousand five hundred and uh make sure are you on frequency one two five point eight
1445:59	N3038N	that's affirmative sir
1446:01 1447 1448 1449	N-AR	thank you
1449:15	N-AR	november three eight november proceed outbound approach maintain two thousand five hundred

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1449:22	N3038N	that three eight november sir
1449:24	N-AR	three eight november proceed outbound approach two thousand five hundred
1449:27 1450	N3038N	three eight november roger uh that was the previous clearance two thousand five hundred
1450 1451 1451:35	N-AR	seminole three zero three eight november start your descent now cleared v o r one six approach plan to break your approach off four miles north of daytona
1451:42 1452 1453	N3038N	ah three eight november leaving twenty five hundred for sixteen hundred sir
1453 1454 1454:42	N-AR	seminole three november traffic alert eleven o'clock less than a mile mode c indicating one thousand seven hundred
1454:48	N3038N	that for three eight november sir
1454:50 1455	N-AR	that is correct sir
1455:52	N-AR	seminole three zero three eight november can you increase speed about one zero two zero knots for me
1455:57 1456 1457 1458	N3038N	ah three eight november roger
1459 1459:28	N-AR	seminole three zero three eight november after this v o r you said you want the i I s

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1459:34	N-AR	seminole three eight november after this v o r one six uh do you want the i l s at daytona or do you want another request
1459:43	N3038N	three eight november (unintelligible)
1459:46	N-AR	three eight november after this i ah v o r one six would you like an approach at deland now
1459:51	N3038N	ah yes we'll take the deland after this one sir
1459:54	N-AR	okay roger what approach would you like at deland
1459:56	N3038N	we'd like ah the v o r two three if possible
1459:59	N-AR	okay you can expect that
1500:01	N3038N	okay can we do the full approach
1500:03	N-AR	standby one
1500:10	N-AR	three eight november you expect that (unintelligible) i'll call your breakoff in about another mile and a half
1500:15 1501	N3038N	ah three eight november roger
1501:23	N-AR	seminole three zero three eight november cancel approach clearance now turn right right turn heading two niner zero climb and maintain two thousand one hundred
1501:30	N3038N	two thousand one hundred and right heading two seven zero

N-AR(R)

1504:38

*(c t) okay m e

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1501:34	N-AR	three eight november that's uh turn right two niner zero if you can expedite your climb to two thousand one hundred for for three eight november heading two niner zero expect uh full approach v o r two three
1501:43 1502	N3038N	ah roger uh two niner zero and two thousand one hundred and expediting my climbing
1503 1503:48	N-AR	ah this is the briefing for north and your portion of departure
1503:51	N-AR(R)	(unintelligible) status one through four
1503:53	N-AR	no flight check i guess you're training six traffic uh no uh pointouts primaries holding handoffs still on frequency awaiting service requests (unintelligible) traffic is nine four tango on uh arrival one two six five five he's still on tower assigned heading (unintelligible) three eight november i f r i got him two ninety now he wants full v o r two three
1504:11	N-AR(R)	okay
1504:13	N-AR	six five four three six still two seventy want to break off his approach go to new smyrna beach i believe he said
1504:19	N-AR(R)	yeah he said that
1504:21	N-AR	okay he's on two seven zero one thousand six hundred v f r four two six on you frequency straight in one six four two seven has four two six in sight on your frequency straight in one six one seven one cleared for the approach told him i'd break off approach four miles north v f r he wants to go to new smyrna and hold first you can switch him to mateo any time that's it

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1504:39 1505	N-AR	j k
1506 1506:07	N-AR(R)	seminole three zero three eight november maintain two thousand one hundred proceed direct ormond beach join the ormond two one two radial
1506:15 1507 1508 1509	N-AR(R)	ah roger twenty one hundred uh proceed direct to ormond beach and join the uh two two twelve radial
1509:37 1510 1511	N3038N	is that three eight november sir
1511:25	N-AR(R)	seminole three eight november report established on the two one two radial
1511:30	N-AR(R)	seminole three eight november report established on the two one two radial
1511:33	N3038N	proceeding for establishment and also we're uh leaving twenty one hundred for sixteen hundred
1511:38	N-AR(R)	seminole three eight november uh roger sir descend and maintain one thousand six hundred and contact daytona beach approach on one two five correction one two six point five five
1511:50	N3038N	ah three eight november twenty six five five and descending to sixteen hundred
1512 1513 1514 1515 1516 1517 1518 1519		

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End of Transcript

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* This portion of the rerecording is not entirely clear, but this represents the best interpretation possible under the circumstances



Memorandum

U.S. Department of Transportation Federal Aviation

Administration

Subject: INFORMATION: Partial Transcript; Aircraft Accident; N153ER and N3038N; 1 NM NE of Deland Municipal Airport (DED), FL.; December 3, 1999; 1520 UTC Date: December 15, 1999

From: Daytona Beach ATCT

Reply to Attn of:

To: Aircraft Accident File DAB-ATCT-252

This transcription covers the Daytona Beach ATCT Arrival-Arrival Radar position for the time period from December 3, 1999, 1505 UTC to December 3, 1999, 1527 UTC.

<u>Agencies Making Transmissions</u> N3038N Daytona Beach ATCT, Arrival-Arrival Radar

Abbreviations N3038N A-AR

I hereby certify that the following is a true transcription of the recorded conversations pertaining to the subject aircraft accident involving N153ER and N3038N:

Richard A. Marsh Air Traffic Control Specialist Daytona Beach ATCT

and daytona departure uh three zero three eight november uh descending to sixteen hundred about

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1514 1515

1516 1517

1518

on v o r two three deland

1512:30 A-AR november three zero three november daytona approach maintain one thousand six hundred established final approach course inbound cleared for the v o r two three approach at deland maintain one thousand six hundred until established on the final approach course inbound

- 1512:41 N3038N ah three eight november roger maintain sixteen hundred until established 1513
- 1515:11 A-AR november three zero three eight november use caution in deland area constant parachute jumping in progress thirteen thousand five hundred and below
- 1515:17 N3038N three eight november roger
- 1517:32A-ARnovember three zero three november i understand you all
gonna full stop at deland is that correct
- 1517:36 N3038N negative sir we uh we gonna breakoff and do some air work and then come back with an i I s full stop we'll advise you
- 1517:43 A-AR okay report canceling on this frequency please
- 1517:46 N3038N three eight november roger
- 1518:02 N3038N and three eight november we'd like to cancel at this time uh we'll advise you later when we come back to daytona
- 1518:08 A-AR november three zero eight november radar service terminated squawk one two zero zero frequency change is approved

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1518:13	N3038N	ah three eight november
1519		
1520		
1521		
1522		
1523		
1524		
1525		
1526		
1527		
		End of Transcript