

Factual Report – Attachment 3
Aircraft Accident Package

AIR TRAFFIC CONTROL

CEN17MA183

AIRCRAFT ACCIDENT PACKAGE

TEB-ATCT-0091

N452DA, LJ35

May 15, 2017, 1929 UTC

Destroy: November 15, 2019 UTC

SECTION 1.
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FAA Form 8020-6, Report of Aircraft Accident, and
FAA Form(s) 8020-6-1, Report of Aircraft Accident (Continuation Sheet)

FAA Form 8020-6, Report of Aircraft Accident

 DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		REPORT DATE June 7, 2017	REPORT NO. TEB-ATCT-0091				
		NAME OF REPORTING FACILITY Teterboro ATCT (TEB)					
REPORT OF AIRCRAFT ACCIDENT							
1. AIRCRAFT IDENTIFICATION AND TYPE N452DA, LJ35	2. DATE/TIME OF ACCIDENT (UTC) May 15, 2017; 1929 UTC	3. LOCATION OF ACCIDENT (MANDATORY) Carlsdadt, NJ, Kero Road, Carlsdadt, NJ approximately 1/2 mile south of Runway 1 LATITUDE/LONGITUDE (OPTIONAL) N40 49 45.1600 W074 03 37.8400					
4. NATURE OF ACCIDENT Aircraft crashed on final approach 1/2 mile south of the airport.		5. TYPE OF FLIGHT IFR Flight Plan					
6. FLIGHT CREW	NAME	POSITION	ADDRESS (CITY AND STATE)	UNINJURED	INJURED	FATALITY	UNKNOWN
	William Ramsey	Pilot	Salt Lake City, UT			X	
	Jeffery Alino	Co-Pilot	Union, NJ			X	
7. PASSENGER DATA	NUMBER ABOARD AIRCRAFT 0	NUMBER UNINJURED 0	NUMBER INJURED 0	NUMBER FATALITIES 0			
8. AIRCRAFT DAMAGE Destroyed		9. PROPERTY DAMAGE Some buildings fire damaged. Between 10 and 13 vehicles fire damaged or destroyed.					
10. OPERATING STATUS OF NAVIGATIONAL AIDS/LIGHTS/COMMUNICATIONS Normal							
11. WEATHER DATA (USE UTC DATE/TIME)	REPORT JUST PRIOR TO ACCIDENT TETERBORO METAR - 1852 UTC: wind three five zero at two zero, gusts three zero knots, visibility one zero statute miles, four thousand five hundred scattered, temperature one nine, dew point six, altimeter two nine seven five						
	FIRST REPORT SUBSEQUENT TO ACCIDENT TETERBORO SPEC1 - 1945 UTC: wind three two zero at one five, gusts three two knots, visibility one zero statute miles, four thousand five hundred scattered, temperature one nine, dew point four, altimeter two nine seven five						
12. ATO PERSONNEL INVOLVED	NAME	FACILITY	OPERATING POSITION		CHECK IF EYEWITNESS		
	Marc Philip Cain *(MC)	TEB ATCT	LC LC		X		
	Louis Ferdinandi (LF)	TEB ATCT	LC LC		X		
	Erica L Locke (EP)	TEB ATCT	GC GC				
	Glass T Keith (GK)	TEB ATCT	AS SC				
*OPERATING INITIALS							
13. SIGNATURE OF FACILITY MANAGER Gary A. [Redacted]							

TEB-ATCT-0091
N452DA

Electronic Version

 DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION REPORT OF AIRCRAFT ACCIDENT (Continuation Sheet)	REPORT DATE May 24, 2017	REPORT NO. TEB-ATCT-0091
	NAME OF REPORTING FACILITY Philadelphia ATCT (PHL)	

14. CHRONOLOGICAL SUMMARY OF FLIGHT

May 15, 2017

ALL TIMES BELOW ARE COORDINATED UNIVERSAL TIME
UNLESS OTHERWISE SPECIFIED

1833 N452DA calls Clearance Delivery and requests instruments to Teterboro and advises they have Romeo. Clearance Delivery clears N452DA to Teterboro via the Philadelphia One as filed except maintain 3,000 expect 4,000 one zero minutes after departure, squawk 4226. N452DA reads back the clearance. Clearance Delivery advises the readback is correct and that information Romeo is current.

1853 N452DA calls Ground Control East and advises they are over at Atlantic and have the weather information.

1854 N452DA asks Ground Control East how do you read. Ground Control East advises loud and clear and asks if they are ready to go. N452DA advises he is over at Atlantic and is ready to taxi for Runway 35. Ground Control East instructs N452DA to taxi for Runway 35 full length and to taxi via Alpha, Delta and to hold short of Runway 26. N452DA reads back Alpha, Delta and to hold short of Runway 26.

1855 N452DA advises they are holding short of Runway 26 at Delta. Ground Control East says to stand by, then requests approval form Local Control East to cross Runway 26 at Delta. Local Control approves the runway crossing. Ground Control East instructs N452DA to cross Runway 26 and to hold short of Runway 27R. N452DA reads back the instructions.

1856 Ground Control East coordinates with Local Control East Runway 26 crossing complete and requests approval to cross Runway 27R at Delta behind traffic short final. Local Control East approves the crossing. Ground Control East instructs N452DA to cross Runway 27R with no delay and to taxi the full length of Runway 35, traffic on a 2 1/2 mile final . N452DA reads back the instructions.

1857 Ground Control East advises Local Control East crossing complete.

1901 N452DA advises Local Control East they are ready to go at Runway 35. Local Control East advises there will be one more to land.

1903 N452DA is instructed to line up and wait full length Runway 35, traffic four miles out landing Runway 27R. Local Control East advises N452DA he would be going as soon as the runway is clear. Approximately forty one seconds later, N452DA is instructed to fly runway heading, Runway 35 cleared for takeoff, and traffic is three out for Runway 27R.

1904 Local Control East instructs N452DA to fly runway heading and contact departure. Approximatley eleven seconds later, N452DA advises North Departure he is out of 1,000 for 2,000 runway heading. North Departure advises N452DA is radar contact.

1905 North Departure instructs N452DA to climb and maintain 4,000 and contact Philadelphia Approach on one two three point eight (123.8).

FAA Form 8020-6-1

TEB-ATCT-0091

N452DA

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DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
REPORT OF AIRCRAFT ACCIDENT
(Continuation Sheet)

REPORT DATE

May 24, 2017

REPORT NO.

TEB-ATCT-0091

NAME OF REPORTING FACILITY

Philadelphia ATCT (PHL)

14. CHRONOLOGICAL SUMMARY OF FLIGHT

- 1906 N452DA checks in with Yardley out of two point five for 4,000, runway heading. Yardley advises altimeter is two niner eight one. Approximately thirty-nine seconds later, Yardley instructs N452DA to proceed direct Mazie.
- 1908 Yardley issues traffic to N452DA - one o'clock and about four miles a Grumman VFR 3,500 westbound.
- 1909 Yardley instructs N452DA to turn left heading three six zero, it was a vector for sequence and they would be back direct Mazie in a few more moments. Approximately thirty-one seconds later, Yardley asks N452DA what their airspeed is. N452DA advises they are showing right now two sixty.
- 1911 Yardley instructs N452DA to turn right direct Mazie.
- 1912 N452DA asks if there is any chance they can get higher. Yardley responds unable higher, they would have to spin them back around and sequence them with the rest of the traffic going into Teterboro. N452DA responds with their call sign.
- 1913 Yardley instructs N452DA to contact New York Approach on one three two point eight.


No More Follows

FAA Form 8020-6-1

TEB-ATCT-0091

N452DA

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 DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION REPORT OF AIRCRAFT ACCIDENT <small>(Continuation Sheet)</small>	REPORT DATE May 16, 2017	REPORT NO. TEB-ATCT-0091
	NAME OF REPORTING FACILITY New York TRACON (N90)	


14. CHRONOLOGICAL SUMMARY OF FLIGHT

May 15, 2017

ALL TIMES BELOW ARE COORDINATED UNIVERSAL TIME
UNLESS OTHERWISE SPECIFIED

- 1913 N452DA reports on New York TRACON (N90) Newark Area Metro Position (412) at 4,000 feet. 412 issues local altimeter setting and instructs N452DA to fly heading 020, vectors for the ILS Runway 6, Circle to Runway 1 Approach.
- 1914 N452DA asks for verification, 412 repeats instructions and N452DA acknowledges.
- 1915 412 instructs N452DA to descend and maintain 3,000 feet. N452DA acknowledges. 412 instructs N452DA to turn right to a heading of 120 degrees. N452DA acknowledges.
- 1919 412 instructs N452DA to fly heading 090 to intercept the Runway 6 Localizer and to switch to frequency 127.6. N452DA acknowledges. N452DA reports on N90 Newark Area Mugzy Position (414) at 3,000 feet on a 090 degree heading. 414 acknowledges.
- 1920 414 verifies N452DA is on vectors to intercept the Localizer. N452DA acknowledges. 414 instructs N452DA to turn left to a 020 degree heading to join the Localizer. N452DA acknowledges.
- 1921 414 instructs N452DA to proceed to the VINGS intersection. N452DA acknowledges.
- 1922 414 instructs N452DA to descend and maintain 2,000 feet. N452DA acknowledges.
- 1923 414 advises N452DA is 8 miles from VINGS, instructs N452DA to cross VINGS at 2,000 feet and clears N452DA for the ILS Runway 6, circle Runway 1 Approach. N452DA acknowledges. 414 asks N452DA their current airspeed, N452DA replies 240 knots. 414 instructs N452DA to maintain 240 knots until VINGS then slow to 180 knots and maintain 180 until TORBY. N452DA acknowledges.
- 1926 414 instructs N452DA to contact Teterboro Tower on frequency 119.5 and proceed across DANDY at 1,500 feet and circle to TORBY. N452DA acknowledges.

No More Follows

 DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION REPORT OF AIRCRAFT ACCIDENT (Continuation Sheet)	REPORT DATE June 07, 2017	REPORT NO. TEB-ATCT-0091
	NAME OF REPORTING FACILITY Teterboro ATCT (TEB)	

14. CHRONOLOGICAL SUMMARY OF FLIGHT

May 15, 2017

ALL TIMES BELOW ARE COORDINATED UNIVERSAL TIME
UNLESS OTHERWISE SPECIFIED

- 1927 Local Control (LC) broadcasts in the blind to N452DA, as the aircraft is approximately 4.4 nautical miles southwest of the field and has not yet established radio contact.
- 1928 LC calls New York TRACON on an interfacility coordination voice line and requests communication transfer for the aircraft, and then once again broadcasts in the blind to N452DA in an attempt to establish communication. The aircraft is approximately 2.65 nautical miles southwest of the field and responds that they are on frequency and circling to Runway one. LC issues the wind conditions to N452DA with an instruction to continue towards Runway one as another aircraft is occupying Runway one awaiting departure.
- 1929 N452DA responds with aircraft call sign only. LC issues takeoff clearance to the aircraft occupying Runway one, receives acknowledgement, and then clears N452DA to land on Runway one. N452DA acknowledges the landing clearance. New York TRACON calls on the interfacility coordination line and asks if N452DA is circling to the assigned Runway one, LC in turn asks the aircraft if it is circling, and N452DA responds that they are circling. New York TRACON asks LC a second time if the aircraft is circling to Runway one, LC responds affirmatively.
- 1930 LC advises New York TRACON that N452DA went into the ground. The airfield emergency alert system is activated and the airport is closed shortly thereafter.

No More Follows

SECTION 3.
Review of Services Memo(s)



Federal Aviation Administration

Memorandum

Date: May 31, 2017

To: Teterboro Airport Traffic Control Tower

From: [REDACTED]
Dana Rose-Kelly, Manager, Philadelphia Airport Traffic Control Tower

Subject: **INFORMATION:** Review of Services Memo
Aircraft Accident, N452DA
Carlsdadt, NJ, May 15, 2017

PHL ATCT conducted a review of services concerning N452DA and was determined to have routine services. As a supporting facility with routine services I certify the following data has been retained in accordance with FAA Order 8020.16. Additionally, I certify that the following originals/digital copies are on file in this office.

FAA Form 7230-4
FAA Form 7230-10
FAA Form 8020-6-1
Personnel Log(s)
Certified Original Copy(ies) of Voice Recording(s)
Certified Working Copy(ies) of Voice Recording(s)
Transcription(s) of Voice Recording(s)
Flight Progress Strip(s)
RAPTOR replay
Falcon Bookmark held in CEDAR

TEB-ATCT-0091

N452DA



Federal Aviation Administration

Memorandum

Date: May 16, 2017

To: Teterboro Airport Traffic Control Tower

[REDACTED] New York Terminal Radar Approach

From: Control Facility

Subject: **INFORMATION:** Review of Services Memo
Aircraft Accident, N452DA
Carlsdadt, NJ, May 15, 2017

N90 TRACON conducted a review of services concerning N452DA and was determined to have routine services. As a supporting facility with routine services I certify the following data has been retained in accordance with FAA Order 8020.16. Additionally, I certify that the following originals/digital copies are on file in this office.

FAA Form 7230-4
FAA Form 7230-10
FAA Form 8020-6-1
Personnel Log(s)
Certified Original Copy(ies) of Voice Recording(s)
Certified Working Copy(ies) of Voice Recording(s)
Facility Layout Chart(s)
Continuous Data Recording (CDR)
Flight Progress Strip(s)

TEB-ATCT-0091

N452DA




Federal Aviation Administration

Memorandum

Date: June 07, 2017

To: Teterboro Accident File TEB-ATCT-0091

From:  Gary A. Palm (Manager), Teterboro Airport Traffic Control Tower

Subject: **INFORMATION**: Review of Services Memo
Aircraft Accident, N452DA
Carlsdadt, NJ, May 15, 2017

TEB ATCT conducted a review of services concerning N452DA and was determined to have pertinent services. As the holding facility with pertinent services I certify the following data has been retained in accordance with FAA Order 8020.16. Additionally, I certify that the following originals/digital copies are on file in this office.

FAA Form 7230-4
FAA Form 7230-10
FAA Form 8020-6
FAA Form 8020-6-1
FAA Form 8020-9
FAA Form 8020-3
Personnel Log(s)
Certified Original Copy(ies) of Voice Recording(s)
Certified Working Copy(ies) of Voice Recording(s)
Facility Layout Chart(s)
Airport Diagram
Transcription(s) of Voice Recording(s)
Flight Progress Strip(s)

TEB-ATCT-0091
N452DA

SECTION 4.
FAA Form(s) 7230-4, Daily Record of Facility Operation

DAILY RECORD OF FACILITY OPERATION				PAGE NO Page 1 of 3
				DATE May 15, 2017
LOCATION	IDENTIFICATION	TYPE FACILITY	OPERATING POSITION	CHECKED [Redacted]
Teterboro, NJ	TEB	ATCT	ALL	AIR TRAFFIC MANAGER Gary A. Palm [Redacted]
UTC TIME	REMARKS			
0402	E ALL 11/20/15 - 00:18 WATER DRIPPING DOWN ON INSIDE OF WINDOW BEHIND CIC POSITION. SOC NOTIFIED -- HA E ALL 1/20/16 - 21:28 CONDENSATION BUILDING BETWEEN PANES OF GLASS BEHIND CLEARANCE DELIVERY POSITION. SOC NOTIFIED -- HA E ALL 6/24/16 - 15:14 TOPS OF TREES/FOLIAGE OBSTRUCTING VIEW OF RUNWAY 1/19. -- HA E ALL 1/31/17 - 08:16 RWY 6 REILS OTS -- JW E ALL 5/2/17 - 11:52 RWY 6 RVR RTM -- JW E ALL 5/8/17 - 15:38 THE 801 LINE, EWR LINE, HAARP LINE AND CDW LINE ACTIVATE ON THE IVSR. SOC NOTIFIED. -- LF E ALL 5/9/17 - 22:09 PILOT REPORTED HEARING INTERFERENCE FROM A RADIO STATION ON 119.5. SOC NOTIFIED. -- GM E ALL 5/12/17 - 18:02 RUNWAY 19 DME RTM -- HA -- JR			
0406	POSITION OPEN, JR ONW, DEPARTURE FREQUENCY 128.55, INDIVIDUAL RELEASES, LUAW TERMINATED, WCLC -- JR			
0407	ILS RWY 6 APPROACH IN USE CIRCLE TO LAND RWY 1 DEPART RWY 1 -- JR			
0610	JR OFF MP ONW -- MP			
0703	ILS RWY 19 APPROACH IN USE CIR TO LAND RWY 24 DEPART RWY 24 -- MP			
0855	ASOS IS ADVERTISING RAIN ON EVERY METAR EVEN WHEN THERE IS NO RAIN. I TALKED WITH OPS AND THEY SAID WHEN THE SYSTEM WENT AND CAME BACK IT HAS NOT STOPPED ADVERTISING RAIN. OPS SAID THEY ARE TALKING TO THE NATIONAL WEATHER SERVICE TO TRY AND FIX THE PROBLEM. I ALSO NOTIFIED MJB AT THE SOC AND HE SAID HE WILL CONTACT THE NATIONAL WEATHER SERVICE AS WELL. -- MP			
0906	SOC JUST CALLED BACK SAID THEY GOT IN TOUCH WITH THE NATIONAL WEATHER SERVICE AND SOMEONE SHOULD BE OUT TODAY TO WORK ON THE ISSUE. -- MP			
1003	MP OFF JR ONW -- JR			
1045	DEPARTURE FREQUENCY 119.2, INDIVIDUAL RELEASES -- JR			
1049	JR OFF SS ON -- SS			
1055	SS OFF RV ONW -- RV			
1135	DEPARTURE FREQUENCY 128.55, INDIVIDUAL RELEASES -- RV			
1212	RV OFF, JT ON -- JT			
1217	DEPARTURE FREQUENCY 119.2, INDIVIDUAL RELEASES -- JT			
1335	JT OFF, SS ON -- SS			
1355	RV ON, SS OFF -- RV			
1356	BC ON, RV OFF -- BC			
1419	BC OFF JT ON -- JT			
1451	RV ON, JT OFF -- RV			
I CERTIFY that entries above are correct, that all scheduled operations have been accomplished except as noted, and that all abnormal occurrences and conditions have been recorded.		SIGNATURE(S) OF WATCH SUPERVISOR(S) [Redacted]		

FAA Form 7230-4

TEB-ATCT-0091

N452DA

DAILY RECORD OF FACILITY OPERATION				PAGE NO	
				Page 2 of 3	
				DATE	
				May 15, 2017	
LOCATION		IDENTIFICATION	TYPE FACILITY	OPERATING POSITION	CHECKED BY
Teterboro, NJ		TEB	ATCT	ALL	AIR TRAFFIC MANAGER Gary A. Palm
UTC TIME	REMARKS				
1452	LUAW IN PROGRESS -- RV				
1528	LUAW TERMINATED -- RV				
1552	ILS RWY 6 APPROACH IN USE CIRCLE TO LAND RWY 1 DEPART RWY 1 -- RV				
1556	BC ON, RV OFF -- BC				
1628	RV ON, BC OFF -- RV				
1629	LUAW IN PROGRESS -- RV				
1718	BC ON, RV OFF -- BC				
1719	LUAW TERMINATED -- BC				
1816	BC OFF EP ONW -- EP				
1841	GK ON. EP OFF -- GK				
1925	AIRPORT CLSD -- RV				
M 1927	TEB-M-2017/05/15-0002 -- GTH832 -- GK				
1930	AIRCRAFT ACCIDENT OFF FIELD. -- RV				
2000	RV ON, GK OFF -- RV				
E 2111	RWY 06 GLIDESLOPE OTS. MPB -- RV				
E 2113	RWY 01 VASI OTS. MPB -- RV				
2116	RV OFF EP ONW -- EP				
2117	AIRPORT OPEN DEPARTURES ONLY AND HELICOPTERS RNAV GPS Y RWY 6 APPROACH IN USE CIRCLE TO LAND RWY 1 DEPART RWY 1 -- RV				
2147	LUAW IN PROGRESS -- RV				
2250	EP OFF, SK ONW -- SK				
2316	RV ON, SK OFF -- RV				
E 2325	RWY 01 VASI RTS. MPB -- RV				
E 0022	RWY 06 GLIDESLOPE RTS. -- RV				
0030	TEB OPEN TO FIXED WING ARRIVALS -- RV				
0030	ILS RWY 6 APPROACH IN USE CIRCLE TO LAND RWY 1 DEPART RWY 1 -- RV				
0110	SD ON, RV OFF -- SD				
0110	LUAW TERMINATED -- SD				
0214	SD OFF JW ONW -- JW				
0230	DEPARTURE FREQUENCY 120.15, INDIVIDUAL RELEASES -- SD				
I CERTIFY that entries above are correct, that all scheduled operations have been accomplished except as noted, and that all abnormal occurrences and conditions have been recorded.		SIGNATURE(S) OF WATCH SUPERVISOR(S)			

FAA Form 7230-4

TEB-ATCT-0091

N452DA

DAILY RECORD OF FACILITY OPERATION				PAGE NO
				Page 3 of 3
				DATE
				May 15, 2017
				CHECKED BY
				AIR TRAFFIC MANAGER
				Gary A. Palm
LOCATION	IDENTIFICATION	TYPE FACILITY	OPERATING POSITION	
Teterboro, NJ	TEB	ATCT	ALL	
UTC TIME	REMARKS			
0300	JW OFF SD ONW -- SD			
0359	COB -- SD			
I CERTIFY that entries above are correct, that all scheduled operations have been accomplished except as noted, and that all abnormal occurrences and conditions have been recorded.		SIGNATURE(S) OF WATCH SUPERVISOR(S)		

FAA Form 7230-4

TEB-ATCT-0091
N452DA

SECTION 5.
Personnel Log(s)

PERSONNEL LOG		REGION		FACILITY		AREA ID			DATE			
		AEA	TEB	OPERATIONS			MONTH: MAY	DAY: 15	YEAR: 2017			
NAME	CODE	TIME ON	TIME OFF	HOURS ON DUTY	HOURS ON LEAVE	LEAVE TYPE	HOURS NON POSITION DUTIES ASGNDE	HOURS POSITION DUTIES ASGNDE	REMARKS FOR: ALL ABSENCES FROM FACILITY, TRNG, TDY AND NON POSITIONAL DUTIES			
SCHIMMEL, STEPHANIE (SS) 06:00 - 14:00	R	06:00	14:00	08+00			00+00	05+18				
VILINSKY, RICHARD (RV) 06:10 - 14:10	R	06:10	14:10	13+58			00+43	08+49				
	99	15:45	21:43									
BIANCOSPINO, JOSEPH (JR) 22:15 - 06:15		06:15	07:15	05+34	08+00	Leave	00+00	02+11				
	97	16:00	20:34									
BORBON, JAIME (MT) 06:45 - 14:45	R	06:45	14:45	08+00			00+00	05+16				
CHEN, BRADLEY (BC) 07:30 - 15:30	R	07:30	15:30	08+00			00+00	04+48				
TINSMAN, JEFFREY (JT) 07:00 - 15:00	R	08:00	15:00	07+00	01+00	Leave	00+00	04+46				
CAIN, MARC (MC) 14:15 - 22:15	R	14:15	20:12	05+57	02+03	Leave	04+40	01+13				
FERDINANDI, LOUIS (LF) 14:15 - 22:15	R	14:15	20:13	05+58	02+02	Leave	04+40	00+43				
LOCKE, ERICA (EP) 14:15 - 22:15	R	14:15	20:13	05+58	02+02	Leave	00+59	03+30				
MUNESHAR, NAVIN (NM) 14:15 - 22:15	R	14:15	22:15	08+00			00+00	05+41				
AVILA, KATELYN (KA) 14:30 - 22:30	R	14:30	20:13	05+43	02+17	Leave	01+37	03+14				
GLASS, KEITH (GK) 14:30 - 22:30	R	14:30	20:14	05+44	02+16	Leave	03+10	02+10				
DODSON, STEPHANIE (SD) 22:15 - 06:15	97	20:15	22:15	10+00			00+00	05+08				
	R	22:15	06:15									
WYRE, CARLOS (OC) 06:00 - 14:00					08+00	Leave	00+00	00+00				
WINJUM, SARAH (SW) 06:00 - 14:00					08+00	Leave	00+00	00+00				
MAHMOUD, EHAB (EB) 07:30 - 16:00					08+30	Leave	00+00	00+00				
PATEL, ROHAN (BS) 14:15 - 22:15					08+00	Leave	00+00	00+00				
BIANCOSPINO, JOSEPH (JR) NAS		06:15	07:15	05+34			00+00	02+11				
	97	16:00	20:34									
SUPERVISORY CERTIFICATE	NAME	CODE	TIME ON	TIME OFF	INTLS	NAME	CODE	TIME ON	TIME OFF	INTLS		

THE SIGNATURES ABOVE CERTIFY THAT THE ABOVE ENTRIES ARE CORRECT
(Signatures and times in charge are noted on FAA Form 7230-4, Daily Record of Facility Operation)

PERSONNEL LOG		REGION		FACILITY		AREA ID			DATE		
		AEA		TEB		OPERATIONS			MONTH: MAY	DAY: 15	YEAR: 2017
NAME	CODE	TIME ON	TIME OFF	HOURS ON DUTY	HOURS ON LEAVE	LEAVE TYPE	HOURS NON POSITION DUTIES ASGNDE	HOURS POSITION DUTIES ASGNDE	REMARKS FOR: ALL ABSENCES FROM FACILITY, TRNG, TDY AND NON POSITIONAL DUTIES		
PETERSEN, MATTHEW (MP) NAS		22:15	06:15	08+00			00+00	05+21			
BEIM, JASON (JW) RDO		17:30	01:30	08+00			00+00	04+37			
HALL, SHAMAR (SK) RDO		18:45	22:30	03+45			00+00	02+50			
DODSON, STEPHANIE (SD) RDO	97	20:15	22:15	02+00			00+00	01+17			
ARONSON, HARLEY (HA) RDO											
DEMATTEO, LORA-NICOLE (LA) RDO											
O'BRIEN, PATRICK (PQ) RDO											
SUPERVISORY CERTIFICATE	NAME	CODE	TIME ON	TIME OFF	INTLS	NAME	CODE	TIME ON	TIME OFF	INTLS	
THE SIGNATURES ABOVE CERTIFY THAT THE ABOVE ENTRIES ARE CORRECT (Signatures and times in charge are noted on FAA Form 7230-4, Daily Record of Facility Operation)											

Form 7230-4 (Dec 08)

Official Version

FOR OFFICIAL USE ONLY Public Availability to be determined under 5 U.S.C. 552

TEB-ATCT-0091
N452DA

SECTION 6.

FAA Form(s) 7230-10, Position Log, or automated equivalent

POSITION LOG					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) POS	(4) DATE		
TEB	LC	LC	05/15/2017		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	WHERE COMBINED	
				(9) POSITION IDENTIFIER	(10) POSITION TYPE
0400	JR	0610	C		
0611	MP	1002	C		
1003	SS	1049	C		
1050	SS	1053	C		
1054	RV	1147	S		
1148	SS	1302	C		
1303	BC	1355	C		
1356	BC	1419	C		
1420	JT	1450	C		
1451	JT	1558	C		
1559	SS	1719	C		
1720	RV	1736	S		
1737	BC	1815	C		
1816	NM	1835	C		
CODE: C - ATCS/ATA S - Supervisor/Staff Spec T - Trainee/Developmental M - Trainee/Developmental Monitoring R - Trainee/Developmental Certification/ Evaluation					

FAA Form 7230-10 (6-94) NSN: 0052-00-024-6102 Electronic Version (OmniForm)

FOR OFFICIAL USE ONLY Public Availability to be determined under 5 U.S.C. 552

TEB-ATCT-0091
N452DA

POSITION LOG

POSITION LOG					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) POS	(4) DATE		
TEB	LC	LC	05/15/2017		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	WHERE COMBINED	
				(9) POSITION IDENTIFIER	(10) POSITION TYPE
1836	MC	1901	T		
1836	NM	1901	C		
1902	LF	1929	C		
1902	MC	1929	T		
1930	NM	2141	C		
2142	JW	2315	C		
2316	SK	0045	C		
0046	NM	0157	C		
0158		0158		AS	SC
0159	SK	0213	C		
0214	JW	0259	C		
0300	SD	0359	C		

CODE:

C - ATCS/ATA	M - Trainee/Developmental Monitoring
S - Supervisor/Staff Spec	R - Trainee/Developmental Certification/ Evaluation
T - Trainee/Developmental	

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TEB-ATCT-0091
N452DA

POSITION LOG					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) POS	(4) DATE		
TEB	GC	GC	05/15/2017		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	WHERE COMBINED	
				(9) POSITION IDENTIFIER	(10) POSITION TYPE
0400		1404		LC	LC
1405	MT	1506	T		
1405	SS	1506	C		
1507	BC	1555	C		
1556	BC	1628	C		
1629	BC	1630	C		
1631	JT	1815	C		
1816	MC	1835	C		
1836	EP	1841	C		
1842	EP	2009	C		
2010		2106		LC	LC
2107	RV	2113	S		
2114	RV	2228	S		
2229	NM	2359	C		
CODE: C - ATCS/ATA S - Supervisor/Staff Spec T - Trainee/Developmental M - Trainee/Developmental Monitoring R - Trainee/Developmental Certification/ Evaluation					

FAA Form 7230-10 (6-94) NSN: 0052-00-024-6102 Electronic Version (OmniForm)

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TEB-ATCT-0091
N452DA

POSITION LOG											
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) POS	(4) DATE								
TEB	GC	GC	05/15/2017								
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	WHERE COMBINED							
				(9) POSITION IDENTIFIER	(10) POSITION TYPE						
0000	JW	0130	C								
0131	SK	0158	C								
0159		0359		LC	LC						
CODE: <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">C - ATCS/ATA</td> <td style="width: 50%; border: none;">M - Trainee/Developmental Monitoring</td> </tr> <tr> <td style="border: none;">S - Supervisor/Staff Spec</td> <td style="border: none;">R - Trainee/Developmental Certification/ Evaluation</td> </tr> <tr> <td style="border: none;">T - Trainee/Developmental</td> <td style="border: none;"></td> </tr> </table>						C - ATCS/ATA	M - Trainee/Developmental Monitoring	S - Supervisor/Staff Spec	R - Trainee/Developmental Certification/ Evaluation	T - Trainee/Developmental	
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S - Supervisor/Staff Spec	R - Trainee/Developmental Certification/ Evaluation										
T - Trainee/Developmental											

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TEB-ATCT-0091
 N452DA

POSITION LOG					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) POS	(4) DATE		
TEB	AS	SC	05/15/2017		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	WHERE COMBINED	
				(9) POSITION IDENTIFIER	(10) POSITION TYPE
0400	JR	0610	C		
0611	MP	1002	C		
1003	JR	1014	C		
1015	JR	1049	C		
1050	SS	1053	C		
1054	RV	1212	S		
1213	JT	1334	C		
1335	SS	1354	C		
1355	RV	1355	S		
1356	BC	1419	C		
1420	JT	1450	C		
1451	RV	1555	S		
1556	BC	1628	C		
1629	RV	1717	S		
CODE: C - ATCS/ATA S - Supervisor/Staff Spec T - Trainee/Developmental M - Trainee/Developmental Monitoring R - Trainee/Developmental Certification/ Evaluation					

FAA Form 7230-10 (6-94) NSN: 0052-00-024-6102 Electronic Version (OmniForm)

FOR OFFICIAL USE ONLY Public Availability to be determined under 5 U.S.C. 552

TEB-ATCT-0091
N452DA

POSITION LOG					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) POS	(4) DATE		
TEB	AS	SC	05/15/2017		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	WHERE COMBINED	
				(9) POSITION IDENTIFIER	(10) POSITION TYPE
1718	BC	1815	C		
1816	EP	1841	C		
1842	GK	1959	C		
2000	RV	2113	S		
2114	EP	2249	C		
2250	SK	2315	C		
2316	RV	0109	S		
0110	SD	0213	C		
0214	JW	0259	C		
0300	SD	0359	C		
CODE: C - ATCS/ATA S - Supervisor/Staff Spec T - Trainee/Developmental M - Trainee/Developmental Monitoring R - Trainee/Developmental Certification/ Evaluation					

FAA Form 7230-10 (6-94) NSN: 0052-00-024-6102 Electronic Version (OmniForm)

FOR OFFICIAL USE ONLY Public Availability to be determined under 5 U.S.C. 552

TEB-ATCT-0091
 N452DA

POSITION LOG

POSITION LOG											
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) POS	(4) DATE								
TEB	TMDC	TM	05/15/2017								
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	WHERE COMBINED							
				(9) POSITION IDENTIFIER	(10) POSITION TYPE						
0400		0359		Closed							
<p>CODE:</p> <table style="width: 100%;"> <tr> <td>C - ATCS/ATA</td> <td>M - Trainee/Developmental Monitoring</td> </tr> <tr> <td>S - Supervisor/Staff Spec</td> <td>R - Trainee/Developmental Certification/ Evaluation</td> </tr> <tr> <td>T - Trainee/Developmental</td> <td></td> </tr> </table>						C - ATCS/ATA	M - Trainee/Developmental Monitoring	S - Supervisor/Staff Spec	R - Trainee/Developmental Certification/ Evaluation	T - Trainee/Developmental	
C - ATCS/ATA	M - Trainee/Developmental Monitoring										
S - Supervisor/Staff Spec	R - Trainee/Developmental Certification/ Evaluation										
T - Trainee/Developmental											

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TEB-ATCT-0091
 N452DA

POSITION LOG					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) POS	(4) DATE		
TEB	CC	CC	05/15/2017		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	WHERE COMBINED	
				(9) POSITION IDENTIFIER	(10) POSITION TYPE
0400		0359		AS	SC
CODE:					
C - ATCS/ATA		M - Trainee/Developmental Monitoring			
S - Supervisor/Staff Spec		R - Trainee/Developmental Certification/ Evaluation			
T - Trainee/Developmental					

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TEB-ATCT-0091
N452DA

POSITION LOG					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) POS	(4) DATE		
TEB	CD	CD	05/15/2017		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	WHERE COMBINED	
				(9) POSITION IDENTIFIER	(10) POSITION TYPE
0400		1003		GC	GC
1004	JR	1014	C		
1015	JR	1048	C		
1049	MT	1131	C		
1132	BC	1212	C		
1213	MT	1336	C		
1337	SS	1354	C		
1338		1404		GC	GC
1355	SS	1404	C		
1356	RV	1450	S		
1451	BC	1506	C		
1507	MT	1527	C		
1528	RV	1539	S		
1540	SS	1558	C		
CODE: C - ATCS/ATA S - Supervisor/Staff Spec T - Trainee/Developmental M - Trainee/Developmental Monitoring R - Trainee/Developmental Certification/ Evaluation					

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TEB-ATCT-0091
N452DA

POSITION LOG					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) POS	(4) DATE		
TEB	CD	CD	05/15/2017		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	WHERE COMBINED	
				(9) POSITION IDENTIFIER	(10) POSITION TYPE
1559	MT	1705	C		
1706	BC	1717	C		
1718	BC	1736	C		
1737	MT	1815	C		
1816	LF	1830	C		
1831	KA	2009	C		
2010	JR	2146	C		
2147	KA	2321	C		
2322	GK	0013	C		
0014	RV	0046	S		
0047	SK	0057	C		
0058	SD	0109	C		
0110	SD	0213	C		
0214	SD	0214	C		
CODE: C - ATCS/ATA S - Supervisor/Staff Spec T - Trainee/Developmental M - Trainee/Developmental Monitoring R - Trainee/Developmental Certification/ Evaluation					

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TEB-ATCT-0091
N452DA

POSITION LOG					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) POS	(4) DATE		
TEB	CD	CD	05/15/2017		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	WHERE COMBINED	
				(9) POSITION IDENTIFIER	(10) POSITION TYPE
0215	MP	0359	C		
CODE: C - ATCS/ATA S - Supervisor/Staff Spec T - Trainee/Developmental M - Trainee/Developmental Monitoring R - Trainee/Developmental Certification/ Evaluation					

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TEB-ATCT-0091
N452DA

POSITION LOG					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) POS	(4) DATE		
TEB	FD	FD	05/15/2017		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	WHERE COMBINED	
				(9) POSITION IDENTIFIER	(10) POSITION TYPE
0400		0359		CD	CD
CODE:					
C - ATCS/ATA			M - Trainee/Developmental Monitoring		
S - Supervisor/Staff Spec			R - Trainee/Developmental Certification/ Evaluation		
T - Trainee/Developmental					

FAA Form 7230-10 (6-94) NSN: 0052-00-024-6102 Electronic Version (OmniForm)
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TEB-ATCT-0091
N452DA

POSITION LOG

(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) POS	(4) DATE		
TEB	GH	GH	05/15/2017		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	WHERE COMBINED	
				(9) POSITION IDENTIFIER	(10) POSITION TYPE
0400		0359		GC	GC

CODE:

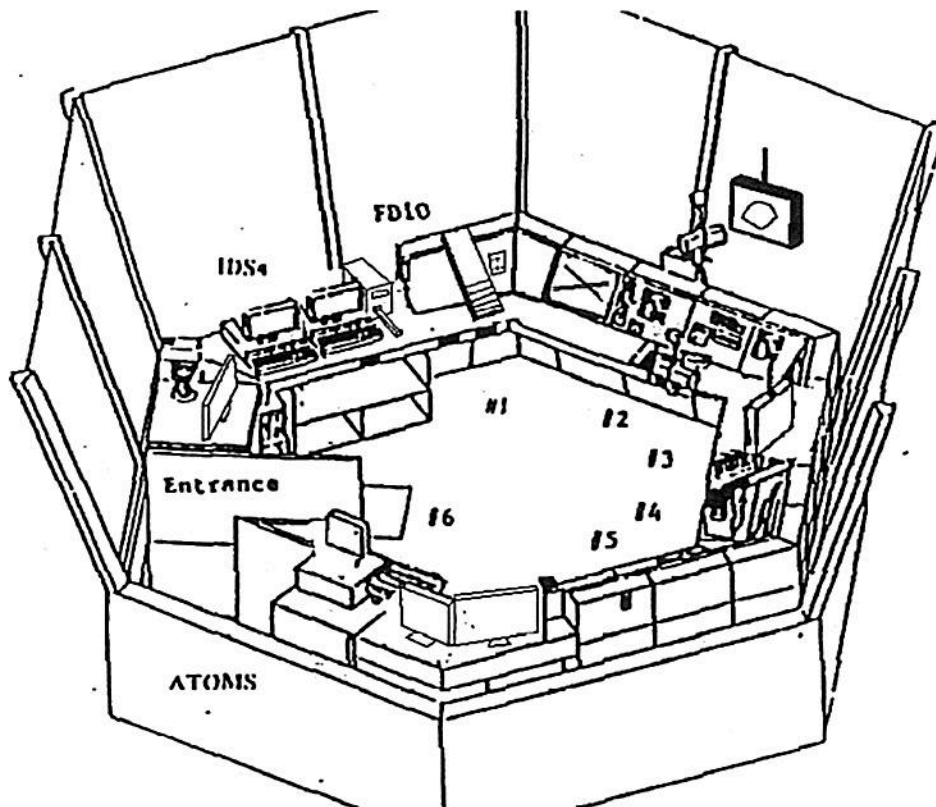
C - ATCS/ATA	M - Trainee/Developmental Monitoring
S - Supervisor/Staff Spec	R - Trainee/Developmental Certification/ Evaluation
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FAA Form 7230-10 (6-94) NSN: 0052-00-024-6102 Electronic Version (OmniForm)
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TEB-ATCT-0091
 N452DA

SECTION 7.
Facility Layout Chart(s)

Teterboro Tower CAB Layout



OPERATING POSITIONS

Position number:

1. Flight Data/Clearance Delivery
2. Gate-Hold
3. Ground Control
4. Local Control
5. Cab Coordinator
6. Operational Supervisor/TMC.

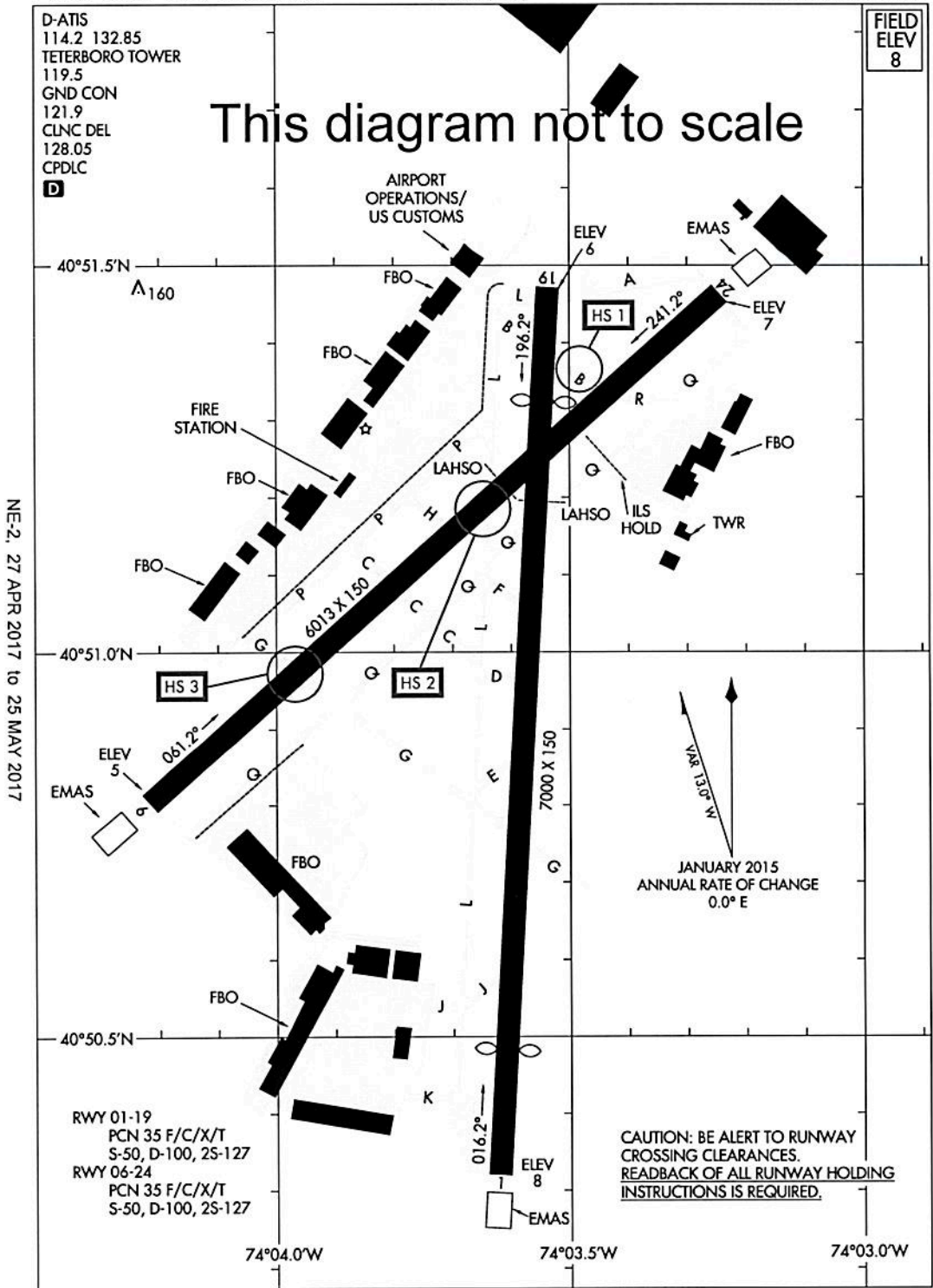
TEB-ATCT-0091
N452DA

SECTION 8.
Airport Diagram

17117
AIRPORT DIAGRAM

AL-890 (FAA)

TETERBORO (TEB)
TETERBORO, NEW JERSEY



AIRPORT DIAGRAM
17117

TETERBORO, NEW JERSEY
TETERBORO (TEB)

TEB-ATCT-0091
N452DA

SECTION 9.

Flight Progress Strip(s) and/or In-Flight Contact Record(s)

Flight Progress Strip(s)

FPS Teterboro ATCT May 15, 2017 UTC

N452DA
LJSS
FAA 7230-8 (5-88)

1

IFR
TEB

T

TEB-ATCT-0091
N452DA

...

SECTION 10.
Transcription of Voice Recording(s)



Federal Aviation Administration

...

Memorandum

Date: June 07, 2017

To: Aircraft Accident File TEB-ATCT-0091

From: Teterboro Airport Traffic Control Tower

Subject: **INFORMATION:** Partial Transcript
 Aircraft Accident, N452DA
 Carlsdadt, NJ, May 15, 2017

This transcription covers the Teterboro Airport Traffic Control Tower (ATCT) LC LC position for the time period from May 15, 2017, 1857 UTC, to May 15, 2017, 2030 UTC.

Agencies Making Transmissions	Abbreviations
Teterboro ATCT, Local Control	LC
N452DA	N452DA
N90 Newark Area, Mugzy Position	414
Unknown	UNK
N90 Flight Data	425
Newark ATCT	EWR
N90 TMU	STMC
Teterboro Tower, Area Supervisor	SC
Airport Operator	OPS

I certify that the following is a true transcription of the recorded conversations pertaining to the subject Aircraft Accident involving N452DA.



Ted Zimmerman
 Front Line Manager
 Morristown ATCT

1857
 (1858-1926)

1927
 1927:54 LC lear four five two delta alpha teterboro tower
 1928

1928:12 LC approach can you try ah lear four five two delta alpha again

TEB-ATCT-0091
N452DA

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1928:29 LC lear four five two delta alpha teterboro tower

1928:32 N452DA yeah we're up ah for the circling now one two delta alpha

1928:35 LC roger lear four five two delta alpha wind three six zero
one six gust three two runway one continue traffic
holding in position

1928:41 N452DA four five two delta alpha

1928:51 LC lear two delta alpha runway one cleared to land say
parking

1928:53 N452DA ah we're going to be at jet aviation four five two delta
alpha cleared to land one

1929

1929:07 LC uh five delta alpha you going to start that turn

1929:09 N452DA yes sir we're doing it right now four (unintelligible)
delta alpha

1929:16 414 tee mugzy

1929:17 LC teterboro

1929:20 LC no he said he was in a circle when he came over

1929:44 UNK ah fuck

1929:51 LC departure teterboro gotham eight thirty two ah go around

1929:57 414 tee

1929:58 LC ah we we (unintelligible) the guy just uhm just uhm went
into the ground

1929:59 414 he went into the ground
1930

1930:20 414 tee airport's closed i'm going to take everybody out
(unintelligible)

1930:22 LC airport's closed

1930:25 UNK and tower confirm the airport's closed

1930:27 LC airport's closed airport's closed gotham eight thirty two
teterboro tower
1931
1932
1933

1933:57 425 tee coordinator eighty one i know you're busy

1934:00 LC teterboro

1934:01 425 uh i don't the extent of it it's going to be a while

1934:04 LC yeah it's going to be a while (unintelligible) uhm he's
not on the runway but (unintelligible) i don't think
anybody made it i don't think anybody made it no

1934:10 425 did it burn

1934:11 LC yeah it's on burn

1934:12 425 okay (unintelligible)
1935
1936
1937

1937:20 EWR teterboro newark

1937:22 LC teterboro

1937:23 EWR hey that smoke uh

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N452DA

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1937:25 LC yeah

1937:26 EWR you see it from up there

1937:27 LC (unintelligible) it's one of ours

1937:28 EWR okay

1937:28 LC yep

1937:29 EWR alright

1937:30 LC thanks
1938
(1939-1944)
1945

1945:24 LC yeah he's good to go tower

1945:26 STMC hey tower how's it going so you guys are closed obviously
right

1945:29 LC yeah we're closed

1945:30 SC teterboro

1945:31 STMC oh whoa two people

1945:32 LC yeah yeah that ah that's the guy on the watch

1945:34 STMC alright ah so any other information that we
1946

1946:59 LC attention all aircraft on the frequency uh down by the
departure end uh uh the crash vehicles did report to that
aircraft incident so uhm the field will be or will will
be closed no arrival or departures until they return to
the field i'm not exactly sure when they will be

1947
1948

1948:55 LC and behind him teterboro tower
1949

1949:07 LC uhm actually it's actually going to be longer than that
uhm yeah because we we thought the rescue vehicles
weren't going but they did go so we're not going to land
or depart anybody until the rescue vehicles come back

1949:17 STMC okay and any fatalities you guys aware of yet

1949:20 LC (unintelligible) we don't know anything about it right now

1949:22 STMC so it's actually on the airport or not on the airport

1949:24 LC ah i don't think it's on the airport i think it's just
outside of (unintelligible)

1949:27 STMC ah it is okay alright sounds good let us know if you hear
anything

1949:30 LC okay

1949:31 STMC alright thanks bye

1949:52 425 tee coordinator eighty one

1949:53 LC teterboro

1949:55 425 hey is it uhm is it actually off the field

1949:58 LC uhm you ah it's hard to tell i really don't know
1950

1950:01 425 (unintelligible) you don't get a view (unintelligible)

1950:02 LC yeah we we can't really see it because trees are blocking
it (unintelligible)

1950:04 425 the port hasn't said anything

1950:05 LC no we haven't gotten any word yet no

1950:07 425 and what's the wind doing right now

1950:08 LC ah three five zero at one eight gust three two

1950:08 425 three fifty eighteen gust twenty two so one will be the only option anyway

1950:14 LC yeah yeah

1950:15 425 alright

1950:15 LC it's going to be a while so

1950:16 425 when he checked in do you (unintelligible)

1950:18 LC i didn't work him i didn't work him someone else did

1950:19 425 okay because i know the guy here asked it looked like he was if he was landing straight in okay

1950:24 LC yep

1950:25 425 alright sounds good thanks
1951
1952
1953

1953:08 OPS hello hey uhm i finally got a location

1953:11 LC say again

1953:12 OPS i said i got a location for for the incident

1953:14 LC uhm stand by

TEB-ATCT-0091
N452DA

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1953:15 OPS (unintelligible)

1953:16 LC you want to pick up the line he's got a location ops three
gary's picking up

1953:27 LC (unintelligible) my fingers not working what's up
1954
(1955-1958)
1959

1959:07 LC tower

1959:08 OPS hey it's ops by any chance are you able to tell me if that
lear was on i f r v f r

1959:13 LC i f r

1959:14 OPS thank you very much bye bye
2000
(2001-2029)
2030

End of Transcript



Federal Aviation Administration

Memorandum

Date: June 07, 2017

To: Aircraft Accident File TEB-ATCT-0091

From: Teterboro Airport Traffic Control Tower

Subject: **INFORMATION**: Partial Transcript
 Aircraft Accident, N452DA
 Carlsdadt, NJ, May 15, 2017

This transcription covers the Teterboro Airport Traffic Control Tower (ATCT) GC GC position for the time period from May 15, 2017, 1859 UTC, to May 15, 2017, 2008 UTC.

Agencies Making Transmissions	Abbreviations
N90 Newark Area, Mugzy Position	414
Unidentified aircraft or vehicle	UNK
Teterboro ATCT, Ground Control	GC
N90 Newark Area, Mugzy Handoff Position	413
TRAVEL MANAGEMENT COMPANY, LTD (ELKHART, IN), TMC450	TMC450
NETJETS AVIATION, INC. (COLUMBUS, OH), EJA200	EJA200

I certify that the following is a true transcription of the recorded conversations pertaining to the subject Aircraft Accident involving N452DA.



Ted Zimmerman
 Front Line Manager
 Morristown ATCT

1859
 (1900-1928)
 1929

1929:07 414 he's landing six that two delta alpha

1929:16 414 tee mugzy

1929:49 UNK tower ah a lear jet just crashed

1929:52 GC i got that thanks

1929:59 GC approach (unintelligible) yeah he crashed
1930

1930:02 414 wow alright i'm going to take gotham out then

1930:05 GC okay thanks

1930:06 414 alright

1930:20 414 tee airport's closed i'm going to take everybody out
(unintelligible)

1930:40 413 tee coordinator eighty one

1930:43 GC teterboro

1930:44 413 so you had an incident which runway

1930:46 GC i'm sorry he's off the approach end of runway one

1930:48 413 say again

1930:49 GC what say again what what are you saying (unintelligible)

1930:50 413 you had an incident off what runway

1930:51 GC runway one

1930:53 413 okay who was it

1930:54 GC uh four five zero bravo alpha i think the lear that was
just landing hold on four five two delta alpha lear

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N452DA

Page 3 of 4

1931:00 413 four five two delta alpha

1931:02 GC yeah

1931:03 413 okay so the field's closed

1931:05 GC closed

1931:05 413 okay

1931:06 GC thank you
1932

1932:09 TMC450 teterboro ground trail blazer four fifty signature east
with information zulu taxi

1932:14 GC and trail blazer four fifty the airport is closed remain
on the ramp please

1932:17 TMC450 okay how long is it going to be closed do you know

1932:23 GC and ah trail blazer four fifty we have a incident off the
approach end runway one airport's currently closed i have
no idea when it's going to be open again

1933
(1934-1936)
1937

1937:12 EJA200 ground execjet two hundred

1937:14 GC execjet two hundred teterboro ground

1937:16 EJA200 hey we're over here at ah signature south we're seeing
some ah smoke rising over to our left over there any idea
what that is

1937:24 GC execjet two hundred ah airport's closed of the crash off
the field

1937:32 EJA200 i'm sorry i copy airport's closed ah what was the reason

TEB-ATCT-0091
N452DA

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1937:35 GC the smoke at the approach end of the runway

1937:37 EJA200 okay thanks
1938
(1939-2007)
2008

End of Transcript



Federal Aviation Administration

...

Memorandum

Date: June 07, 2017

To: Aircraft Accident File TEB-ATCT-0091

From: Teterboro Airport Traffic Control Tower

Subject: **INFORMATION:** Partial Transcript
 Aircraft Accident, N452DA
 Carlsdadt, NJ, May 15, 2017

This transcription covers the Teterboro Airport Traffic Control Tower (ATCT) AS SC position for the time period from May 15, 2017, 1859 UTC, to May 15, 2017, 2037 UTC.

Agencies Making Transmissions	Abbreviations
N90 Newark Area, Mugzy Position	414
N90 Flight Data	425
Teterboro ATCT, Area Supervisor	SC
Unknown	UNK
Newark ATCT	EWR
N90 TMU	STMC
Teterboro ATCT, Local Control	LC
Airport Operator	OPS

I certify that the following is a true transcription of the recorded conversations pertaining to the subject Aircraft Accident involving N452DA.



Ted Zimmerman
 Front Line Manager
 Morristown ATCT

1859
 (1900-1928)
 1929
 1929:07 414 he's landing six that two delta alpha

1929:16 414 tee mugzy
 1930

1930:05 414 alright

TEB-ATCT-0091
N452DA

Page 2 of 6

1930:20 414 tee airport's closed i'm going to take everybody out okay

1930:40 425 tee coordinator eighty one
1931

1931:20 SC tower

1931:21 UNK tower how far off the end of the end of the runway is that
aircraft

1931:24 SC ah it looks like it's aproximately a half mile ah
somehwere in that vicinity

1931:28 UNK half mile copy thank you

1931:30 SC yep
1932
1933

1933:57 425 tee coordinator eighty one i know you're busy
1934
(1935-1936)
1937

1937:20 EWR teterboro newark
1938
(1939-1944)
1945

1945:28 STMC obviously right

1945:29 LC yeah we're closed

1945:30 SC teterboro

1945:31 STMC oh whoa two people

1945:32 LC yeah yeah that ah that's the guy on the watch

1945:34 STMC alright ah so any other information that we would put a
ground stop out for you guys obviously we're taking all
the ah diverts elsewhere um just give you know keep us
updated on anything else that goes on if you guys need
anything let us know

1945:53 STMC where it's it's not on a runway right

1945:54 SC no it's it's uh prior to the approach end

1945:57 STMC uh okay alright

1945:59 SC okay

1946:00 STMC so uh yeah so let us know if you need anything

1946:02 SC yeah well let us we'll let you know thanks

1946:03 STMC thank you very much (unintelligible)

1946:45 OPS operations

1946:46 SC oh they did leave the airport they did okay that's why uhm
hey guys you know where this went down

1946:52 OPS uhm about three thirty

1946:54 SC oh i know what time do you know where it where it crashed
can you can you guys have a location yet

1946:59 OPS no they're starting to get there right now they'll let me
know when they get to the scene

1947

1947:02 SC okay alright uhm somebody else is calling me here uh i
understand our fire equipment is gone over too

1947:11 OPS they both (unintelligible) were on their way

1947:12 SC okay okay very good as soon as you guys have a location
like if it's in you know wherever it crashed or whatever
it hit uhm let me know would you please call the tower

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1947:23 OPS i will

1947:23 SC alright

1947:24 OPS (unintelligible)

1947:24 SC thank you very much bye
1948
(1949-1952)
1953

1953:30 OPS there you go

1953:31 SC my fingers not working what's up

1953:33 OPS hello

1953:33 SC yeah where's the location

1953:34 OPS uh kero road and carlstad

1953:35 SC what's that

1953:35 OPS kero road and carlstad

1953:38 SC any uh any homes or anything

1953:43 OPS uh not too sure they just got on scene

1953:46 SC okay so that say say the address again

1953:47 OPS kero road and carlstad

1953:50 SC (unintelligible) j i lo road

1953:52 OPS yeah

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1953:53 SC in carlstad

1953:54 OPS yeah

1953:54 SC in carlstad

1953:56 OPS by any chance you know how many souls on board

1953:59 SC we don't know anything that guy just went down out of the clear blue he wasn't an inbound emergency or anything like that just an arrival so we don't have any of that info

1954

1954:08 OPS okay

1954:08 SC yeah what we got to find out if there's any vehicles residential you know structures or buildings involved anything along those lines can you ask your guys if they can tell us that

1954:20 OPS (unintelligible) i'll give them a minute and ask for it

1954:21 SC what's that again

1954:23 OPS i said they just on scene i'll give a minute and ask for it

1954:25 SC okay and you want to call me back

1954:26 OPS yeah i will

1954:27 SC okay alright bye

1955
(1956-2005)
2006

2006:58 SC alright briefing for uh the watch uh we are on the i l s six circle to one approach however the airport is closed there was a accident off the approach end of runway one about this says one nine three zero uhm we are ah talking

to multiple people uhm we are trying to get people in on overtime i called unintelligible with no response uh called (unintelligible) he answered ah and gary said it's an emergency recall so essentially i told him i said he's gonna he said i'm gonna i'm i'm going to call you back and let you know when i'm coming is what he told me ah stephanie dodson although she's on the o t list is on the mid ah erika spoke to her uhm he told me to call these three people and that's all i've called so far so nothing from jason although he told me afterwards that it's an emergency recall so when i called (unintelligible) i didn't say that on his answering machine uhm and then also there's laura and and pat so you got him ah so (unintelligible) is supposed to call back she spoke to stephanie dodson who's on the mid that's all the people we've called uhm the the information right now is the airport is closed uh we have no update at exactly when it's going to open the aircraft is approximately a half mile to a quarter mile somewhere in that vicinity off the approach end of runway one uhm let's see if there's anything there ah gary spoke to the operations center i'm not really sure who wrote that here uhm so basically that's it i was in the middle of writing an m o r (unintelligible) who was not up here when this happened he was not up here ah was there anybody else who was not up here (unintelligible) you were up here too i was on the watch yeah (unintelligible) g k

2010
(2011-2036)
2037

End of Transcript

SECTION 11.

FAA Form(s) 8020-3, Facility Accident/Incident Notification Record



FACILITY ACCIDENT/INCIDENT NOTIFICATION RECORD

Aircraft Identification
N452DA
Date
5/15/2017
Airport
Teterboro

The order and number of calls will be determined by the situation involved.

	Phone No.	Time	Initials	
			Caller	Recipient
Airport Emergency Equipment	EANS or Crash (Red) Phone	1530		
Additional Emergency Equipment				
Search and Rescue (VIA ZNY)	[Redacted]			
*Washington Operations Center (WOC)	VIA ROC			
Region Operations Center (ROC)	[Redacted]	1540	KG	M?
Air Traffic Manager: Gary Palm:	[Redacted] cell	DU SITE		
Flight Standards District Office (FSDO)	VIA ROC	/		
System Safety Investigations	VIA ROC	✓		
National Transportation Safety Board (NTSB)	VIA ROC	✓		
System Maintenance Organization Manager (SOC)	[Redacted]			
Law Enforcement PANYNJ:	[Redacted]			
Weather Observation Operations:	[Redacted]			
Military Authority	VIA ZNY			
Airport Authority J. Panarello via Operations	[Redacted]	EANS		
Aircraft Operator				
District Manager: Laura Stensland via TEB ATM (call only if TEB ATM not available)	office: [Redacted] cell: [Redacted]	1531	AM	LS
Airport Manager (PANYNJ) R. Spann:	[Redacted]			
NATCA Joseph Biancospino:	[Redacted]	1536 L	AM	JB

Form Updated by (Name, Title, Facility): L. Brady, Staff Specialist, TEBT Date: 03/11/2016
*Accidents requiring telephone notification to Washington shall be made immediately following notification for emergency equipment and/or search and rescue.

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SECTION 12.
Weather Products


Teterboro ATCT

Weather Products 5/15/2017 UTC

METAR KTEB 151852Z 35020G30KT 10SM SCT045 19/06 A2975

SPECI KTEB 151945Z 32015G32KT 10SM SCT045 19/04 A2975 RMK SMOKE ON APCH

I certify the attached copy of the METARs originated from the APG-link to archived weather is an accurate copy of the original.



Gary Palm
Air Traffic Manager
Teterboro Tower

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SECTION 13.

Other

UTC (Zulu) Time Conversion Chart

UTC (Zulu)	PST/ ALDT	PDT/ MST	MDT/ CST	CDT/ EST	EDT/ AST	ALST	HST
0000*	1600	1700	1800	1900	2000	1500	1400
0100	1700	1800	1900	2000	2100	1600	1500
0200	1800	1900	2000	2100	2200	1700	1600
0300	1900	2000	2100	2200	2300	1800	1700
0400	2000	2100	2200	2300	0000*	1900	1800
0500	2100	2200	2300	0000*	0100	2000	1900
0600	2200	2300	0000*	0100	0200	2100	2000
0700	2300	0000*	0100	0200	0300	2200	2100
0800	0000*	0100	0200	0300	0400	2300	2200
0900	0100	0200	0300	0400	0500	0000*	2300
1000	0200	0300	0400	0500	0600	0100	0000*
1100	0300	0400	0500	0600	0700	0200	0100
1200	0400	0500	0600	0700	0800	0300	0200
1300	0500	0600	0700	0800	0900	0400	0300
1400	0600	0700	0800	0900	1000	0500	0400
1500	0700	0800	0900	1000	1100	0600	0500
1600	0800	0900	1000	1100	1200	0700	0600
1700	0900	1000	1100	1200	1300	0800	0700
1800	1000	1100	1200	1300	1400	0900	0800
1900	1100	1200	1300	1400	1500	1000	0900
2000	1200	1300	1400	1500	1600	1100	1000
2100	1300	1400	1500	1600	1700	1200	1100
2200	1400	1500	1600	1700	1800	1300	1200
2300	1500	1600	1700	1800	1900	1400	1300
2400	1600	1700	1800	1900	2000	1500	1400

The time *0000 and 2400 are interchangeable. The time 2400 is associated with the date of the day ending, and 0000 with the day just starting.

UTC = Coordinated Universal Time, or Zulu
PST = Pacific Standard Time (UTC - 8 hours)
ALDT = Alaskan Daylight Time (UTC - 8 hours)
PDT = Pacific Daylight Time (UTC - 7 hours)
MST = Mountain Standard Time (UTC - 7 hours)
MDT = Mountain Daylight Time (UTC - 6 hours)
CST = Central Standard Time (UTC - 6 hours)
CDT = Central Daylight Time (UTC - 5 hours)
EST = Eastern Standard Time (UTC - 5 hours)
EDT = Eastern Daylight Time (UTC - 4 hours)
AST = Atlantic Standard Time (UTC - 4 hours)
ALST = Alaskan Standard Time (UTC - 9 hours)
HST = Hawaiian Standard Time (UTC - 10 hours)

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