

AIRCRAFT ACCIDENT PACKAGE

18-001-ZNY

SWA1380, B737

April 17, 2018, 1504 UTC

Destroy: October 17, 2020 UTC

SECTION 1.
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SECTION 2.

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 April 25, 2018		REPORT NO. 18-001-ZNY	
REPORT OF AIRCRAFT ACCIDENT				NAME OF REPORTING FACILITY New York ARTCC (ZNY)			
1. AIRCRAFT IDENTIFICATION AND TYPE SWA1380, B737		2. DATE/TIME OF ACCIDENT (UTC) April 17, 2018; 1504 UTC		3. LOCATION OF ACCIDENT: CITY, STATE (MAND) Lebanon, PA			
4. NATURE OF ACCIDENT SWA1380 experienced a catastrophic failure of engine number one.				LATITUDE/LONGITUDE (OPTL) N40 26 40.7400 W076 13 35.3100			
				5. TYPE OF FLIGHT IFR Flight Plan			
6. FLIGHT CREW	NAME	POSITION	ADDRESS (CITY AND STATE)	UNINJURED	INJURED	FATALITY	UNKNOWN
	Tammie Jo Shults	Check Pilot	Unknown, Unk	X			
7. PASSENGER DATA		NUMBER ABOARD AIRCRAFT 144	NUMBER UNINJURED 136	NUMBER INJURED 7	NUMBER FATALITIES 1		
8. AIRCRAFT DAMAGE Unknown			9. PROPERTY DAMAGE Unknown				
10. OPERATING STATUS OF NAVIGATIONAL AIDS/LIGHTS/COMMUNICATIONS Normal							
11. WEATHER DATA (USE UTC DATE/TIME)	REPORT JUST PRIOR TO ACCIDENT READING METAR - 1454 UTC: wind two six zero at one six gusts two one, visibility one zero statute miles, ceiling three thousand seven hundred broken, eight thousand five hundred overcast, temperature six, dew point minus two, altimeter two nine seven one						
	FIRST REPORT SUBSEQUENT TO ACCIDENT READING METAR - 1554 UTC: wind two six zero at one two gusts two two, visibility one zero statute miles, four thousand five hundred scattered, ceiling five thousand five hundred broken, seven thousand overcast, temperature six, dew point minus two, altimeter two nine seven two						
12. ATO PERSONNEL INVOLVED	NAME	FACILITY	OPERATING POSITION			CHECK IF EYEWITNESS	
	Peter M Polakos *(PD)	ZNY ARTCC	39 R				
	Steven D Guild (SG)	ZNY ARTCC	39 R				
	Cory E Davids (JH)	ZNY ARTCC	10 R				
	Joseph M D'Antona (JW)	ZNY ARTCC	25 R				
	Gintautas Rugienius (GR)	ZNY ARTCC	25 RA				
	Stephen A. Brown (ST)	PHL ATCT	ND DR				
	Aaron J. Leffard (LD)	PHL ATCT	NA AR				
*OPERATING INITIALS							
13. SIGNATURE OF FACILITY MANAGER James C. Schultz III							

18-001-ZNY

SWA1380

Electronic Version



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

REPORT DATE

April 20, 2018

REPORT NO.

18-001-ZNY

NAME OF REPORTING FACILITY

LaGuardia ATCT (LGA)

14. CHRONOLOGICAL SUMMARY OF FLIGHT

April 17, 2018

ALL TIMES BELOW ARE COORDINATED UNIVERSAL TIME
UNLESS OTHERWISE SPECIFIED

- 1432 SWA1380 B737 contacts the Ground Control 2 position and requests taxi. GC2 tells SWA1380 to "hold there, you are in the sequence."
- 1433 GC2 issued taxi instructions to SWA1380 to taxi to Runway 31.
- 1435 GC2 instructs SWA1380 to monitor the Local Control position.
- 1441 Local Control's first contact with SWA1380, Line up and Wait Runway 31.
- 1442 Traffic 2 mile final, Runway 31 Cleared for Takeoff, issued by Local Control.
- 1443 Local Control instructs SWA1380 to contact New York TRACON Departure control.

No More Follows



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

REPORT DATE

April 18, 2018

REPORT NO.

18-001-ZNY

NAME OF REPORTING FACILITY

New York TRACON (N90)

14. CHRONOLOGICAL SUMMARY OF FLIGHT

April 17, 2018

ALL TIMES BELOW ARE COORDINATED UNIVERSAL TIME
UNLESS OTHERWISE SPECIFIED

- 1443 SWA1380 reports on New York TRACON, LaGuardia Area, Departure Position (116) climbing to 5,000 feet.
- 1444 116 radar identifies SWA1380 and instructs SWA1380 to maintain 15,000 feet. SWA1380 acknowledges.
- 1445 116 instructs SWA1380 to turn left direct ZIMMZ. SWA1380 acknowledges.
- 1446 116 instructs SWA1380 to switch to frequency 120.85. SWA1380 acknowledges. SWA1380 reports on New York TRACON, Liberty Area, West Position (508). 508 instructs SWA1380 to proceed direct ZIMMZ.
- 1447 SWA1380 acknowledges. 508 instructs SWA1380 to climb and maintain 17,000 feet. SWA1380 acknowledges.
- 1451 508 instructs SWA1380 to contact New York Center on 132.1. SWA1380 acknowledges.

No More Follows



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

REPORT DATE

April 24, 2018

REPORT NO.

18-001-ZNY

NAME OF REPORTING FACILITY

New York ARTCC (ZNY)

14. CHRONOLOGICAL SUMMARY OF FLIGHT
April 17, 2018

ALL TIMES BELOW ARE COORDINATED UNIVERSAL TIME
UNLESS OTHERWISE SPECIFIED

- 1451 SWA1380 reports on New York ARTCC (ZNY) Sector 39 frequency level one seven thousand.
- 1452 R39 controller issues SWA1380 climb to flight level two four zero.
- 1453 R39 controller amends SWA1380 altitude clearance to flight level two two zero.
- 1456 R39 controller issues SWA1380 climb to flight level two eight zero.
- 1457 R39 controller issues SWA1380 climb to flight level three eight zero.
- 1500 R39 controller issues SWA1380 a communications transfer to ZNY Sector 10 frequency 133.47.
- 1501 SWA1380 reports on with ZNY Sector 10 leaving flight level three zero zero climbing to flight level three eight zero.
- 1504 SWA1380 climbed to flight level three two five then began descending. R10 controller clears SWA1380 direct VINSE intersection, there is no response. R10 controller calls out to SWA1380. SWA1380 responds after second call they have an engine fire and are descending.
- 1505 R10 controller advises SWA1380 the Middletown Airport (MDT) is the closest airport, SWA1380 advises they want to divert to Philadelphia International Airport (PHL). R39 controller clears SWA1380 direct PHL.
- 1507 R10 controller asks SWA1380 if they can maintain an altitude of one one thousand to which they advise they are able. R10 controller clears SWA1380 to maintain one one thousand. R10 controller asks SWA1380 if they require men and equipment on the ground, SWA1380 flight crew responds requesting fire equipment on the Captain's side of the aircraft.
- 1508 R10 controller issues SWA1380 a communications transfer to ZNY Sector 25 frequency 135.45. SWA1380 checks on ZNY Sector 25 frequency advising they are declaring an emergency leaving one seven thousand requesting the local altimeter. R25 controller issues SWA1380 the Baltimore altimeter two niner eight zero. SWA1380 advises one hundred forty nine souls on board and three plus hours of fuel.
- 1509 R25 controller issues SWA1380 descent to eight thousand feet.



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

REPORT DATE

April 24, 2018

REPORT NO.

18-001-ZNY

NAME OF REPORTING FACILITY

New York ARTCC (ZNY)

14. CHRONOLOGICAL SUMMARY OF FLIGHT

1510 R25 controller issues SWA1380 a communications transfer to Philadelphia Approach Control frequency 124.35.

Block 6. Flight Crew, Continued.

SWA1380 - Remaining crew information is unknown

No More Follows



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

REPORT DATE

May 02, 2018

REPORT NO.

18-001-ZNY

NAME OF REPORTING FACILITY

Philadelphia ATCT (PHL)

14. CHRONOLOGICAL SUMMARY OF FLIGHT
April 17, 2018

ALL TIMES BELOW ARE COORDINATED UNIVERSAL TIME
UNLESS OTHERWISE SPECIFIED

- 1506 New York Modena sector advises North Departure (ND) there is a single engine SWA1380 going direct into Philly as an emergency and to stop departures. ND advises Local Control West (LW) to stop departures, there is an emergency coming in.
- 1511 SWA1380 contacts ND. ND asks for fuel remaining and souls on board. SWA1380 advises 149 souls on board and 5 hours of fuel remaining. ND asks SWA1380 for the fuel in pounds and the exact nature of the emergency. SWA1380 advises severe engine damage, engine failure, and the exact pounds of fuel is 21,000.
- 1513 SWA1380 advises they need an extended final.
- 1514 SWA1380 contacts North Arrival (NA).
- 1515 SWA1380 advises there is part of the aircraft missing and they need to slow down.
- 1516 SWA1380 advises they would like to start turning inbound.
- 1517 SWA1380 asks for medical to meet them on the runway. They have injured passengers. NA asks SWA1380 if the plane is physically on fire. SWA1380 advises it is not on fire but part of it is missing. Then SWA1380 advises there is a hole and someone went out. SWA1380 is cleared for a visual approach to Runway 27L and is instructed to contact tower.
- 1518 Local Control East (LE) clears SWA1380 to land on Runway 27L.
- 1522 SWA1380 is instructed to contact tower (Local Control West on 135.1) to communicate with the Fire Department (F21). SWA1380 advises F21 the Captain's side is where they had the damage and that's the engine that went out. SWA1380 then advises F21 they have injured inside and as soon as they can have them taken care of that would be great.
- 1523 SWA1380 advises F21 they are putting the flaps down due to smoke initially up there.
- 1524 F21 asks SWA1380 how many injuries they have on the aircraft and SWA1380 advises him they are trying to figure that out right now.
- 1525 F21 advises the paramedics will board the aircraft to take a look at



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

REPORT DATE

May 02, 2018

REPORT NO.

18-001-ZNY

NAME OF REPORTING FACILITY

Philadelphia ATCT (PHL)

14. CHRONOLOGICAL SUMMARY OF FLIGHT

the passengers. SWA1380 advises to board on the left hand side.

1527 SWA1380 advises they need EMS and asks if there is a way to get them on the aircraft.

1528 F21 advises they are in the process of bringing EMS on.

No More Follows

SECTION 3.
Review of Services Memo(s)



Federal Aviation Administration

Memorandum

Date: April 19, 2018

To: New York Air Route Traffic Control Center Aircraft Accident File 18-001-ZNY

From: [REDACTED] Mark McCumber, Manager, LaGuardia Airport Traffic Control Tower

Subject: **INFORMATION:** Review Of Services Memo
Aircraft Accident, SWA1380
Ronkonkoma, NY, April 17, 2018

LGA ATCT conducted a review of services concerning SWA1380 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.

Certified Original Copy(ies) of Voice Recording(s)

Certified Working Copy(ies) of Voice Recording(s)

FAA Form 7230-4

FAA Form 8020-6-1



Federal Aviation Administration

Memorandum

Date: April 20, 2018

To: New York Air Route Traffic Control Center Aircraft Accident File 18-001-ZNY

From: [REDACTED]
Jeffrey Szczygielski, Manager, New York Terminal Radar Approach
Control Facility

Subject: **INFORMATION:** Review Of Services Memo
Aircraft Accident, SWA1380
Lebanon, PA, April 17, 2018

N90 TRACON conducted a review of services concerning SWA1380 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.

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

18-001-ZNY

SWA1380



Federal Aviation Administration

Memorandum

Date: April 24, 2018

To: New York Air Route Traffic Control Center Aircraft Accident File 18-001-ZNY

From:  James C. Schultz III, Manager, New York Air Route Traffic Control Center

Subject: **INFORMATION:** Review Of Services Memo
Aircraft Accident, SWA1380
Lebanon, PA, April 17, 2018

ZNY ARTCC conducted a review of services concerning SWA1380 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.

Certified Original Copy(ies) of Voice Recording(s)
Certified Working Copy(ies) of Voice Recording(s)
ERAM Local Adaptation File
FAA Form 7230-10
FAA Form 7230-4
FAA Form 8020-6-1
Facility Layout Chart(s)
Input Output Log Report
Mandatory Occurrence Report
National Track Analysis Report
Personnel Log(s)
SATORI
Surveillance Track History Report
Transcription(s) of Voice Recording(s)
Weather Data
ERAM SAR Files
Covered Event Review

18-001-ZNY
SWA1380



Federal Aviation Administration

Memorandum

Date: May 01, 2018

To: New York Air Route Traffic Control Center Aircraft Accident File 18-001-ZNY

From: [REDACTED] Manager, Philadelphia Airport Traffic Control Tower

Subject: **INFORMATION:** Review Of Services Memo
Aircraft Accident, SWA1380
Lebanon, PA, April 17, 2018

PHL ATCT conducted a review of services concerning SWA1380 and was determined to have pertinent services. As a supporting 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.

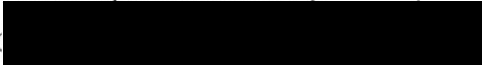
Airport Diagram
Certified Original Copy(ies) of Voice Recording(s)
Certified Working Copy(ies) of Voice Recording(s)
Continuous Data Recording (CDR)
FAA Form 7230-10
FAA Form 7230-4
FAA Form 8020-26
FAA Form 8020-6-1
FAA Form 8020-9
Flight Progress Strip(s)
Mandatory Occurrence Report
Weather Data

18-001-ZNY

SWA1380

SECTION 4.

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

DAILY RECORD OF FACILITY OPERATION				PAGE NO Page 1 of 1
				DATE Apr 17, 2018
LOCATION	IDENTIFICATION	TYPE FACILITY	OPERATING POSITION	CHECKED BY
Ronkonkoma, NY	ZNY	ARTCC	OMIC	AIR TRAFFIC MANAGER James C. Schultz
UTC TIME	REMARKS			
0400	CFPL: NAVAIDS: // ULW VOR LM-87956 VOR OTS PER ATSS/DSB. // FJC VOR OTS // MRB VOR FLIGHT RESTRICTION NOTAMED // SBY VOR OTS // COL VOR OTS // OOD TACAN OTS // CYN TACAN OTS // DDP NDB OTS // IPT RWY 27 MALSR OTS // HTO VOR OTS // ENO VOR OTS // GVE TACAN OTS // IGN VOR OTS // HZL VOR OTS // IPT RWY 27 MALSR OTS // WRI RADAR OTS -- SK			
0400	T. Kanzler on. WCLC. -- SK			
0400	Weather Coordinator position at OMIC. -- SK			
0900	Areas walk through completed. -- SK			
0904	AIRMETs SIERRA/TANGO/ZULU updt 1 valid until 1500Z. Areas notified. -- SK			
0904	SIGMET QUEBEC 1 valid until 1237Z. Areas notified. -- SK			
1030	T O'Neill on. WCLC. -- TO			
M 1247	ZNY-M-2018/04/17-0001 -- AAL1496 -- JK			
E 1327	ELZ DME RTS. -- TO			
E 1448	LVZ VOR RTS. -- TO			
M 1632	ZNY-M-2018/04/17-0002 -- SWA1380 -- TO			
2150	AIRMET UPDATE 5 ZULU . Areas notified. -- TB			
2350	AIRMET UPDATE 8 ZULU -- TB			
M 0158	ZNY-M-2018/04/17-0003 -- AAL2034/DAL410 -- DR			
M 0205	ZNY-M-2018/04/17-0004 -- AAL2418/AAL94 -- DR			
0300	J. Issac on WCLC -- JK			
0313	AIRMET Sierra, Tango, Zulu. Areas notified. -- JK			
0359	Traffic Count: 7560 COB. -- JK			
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
18-ZNY-001
SWA1380

DAILY RECORD OF FACILITY OPERATION				PAGE NO Page 1 of 2
				DATE Apr 17, 2018
LOCATION	IDENTIFICATION	TYPE FACILITY	OPERATING POSITION	CHECKED BY [REDACTED]
Philadelphia, PA	PHL	ATCT	Watch Desk	AIR TRAFFIC MANAGER Dana Rose-Kelly
UTC TIME	REMARKS			
0400	R GOODMAN ON AS OCIC. ILS RWY 27L IN USE. RWY 27R, 26, 35 CLOSED. ASR-11 CHNL B/B/B, ASR-9 CHNL-A, MODE-S CHNL-A. RIVER WATCH OFF DUTY CFPL: RWY 35 PAPI NOTAMED OTS CFPL: ASR-9 PANEL SHOWS RML IN ALARM. CFPL: RWY 27L ALS OTS. CFPL: ITWS IN ALARM STATUS, AOCC NOTIFIED. -- GG			
0600	J SNIVELY ON AS OCIC -- JE			
0930	J. PAN ON AS OSIC. ABOVE NOTED -- JP			
0956	TTN AND PNE ARE STAFFED AND WILL OPEN ON TIME -- JP			
1001	RIVER WATCH ON DUTY -- JP			
1002	ALL RUNWAYS OPEN. ILS RWY 27R, V35 OP -- JP			
1015	ILG IS STAFFED AND WILL OPEN ON TIME -- JP			
1025	D. MULLIN ON OMIC. -- DM			
1102	10 MINUTE INBOUND CARGO SHIP. ADDITIONAL SHIP DUE IN 30 MINUTES. -- DM			
1115	SHIP CLEAR. -- DM			
1128	WRI CALLED ON THE 0094 LINE TO REPORT ATC ZERO. FACILITY IS EVACUATING DUE TO A FIRE ALARM. -- DM			
1145	WRI ATC ZERO TERMINATED. -- DM			
1230	WCLC, NOTAMS POSTED AND DALR CHECK COMPLETE. -- DM			
E 1323	RWY 17 LOC & GS RTM -- JP			
1327	CIGA PDT5014 E145 OUTSIDE 1/2 MILE FINAL RWY 35 DUE TO CONFLICTING TRAFFIC AAL1801 A321 LANDING RWY 27R -- JP			
M 1519	PHL-M-2018/04/17-0001 -- SWA1380 -- DM - <i>Emergency - engine failure</i>			
1648	A. HOLDEN ON AS OMIC. ABV. NOTED. -- AH			
1730	RWY 27L OPEN FOR DEPARTURES. ILS27R, V35 APCH IN USE. NEW ALERTS LAND RWY 27R UNTIL ADVISED. -- AH			
E 1758	RWY 17 LOC & GS RTS. -- AH			
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

18-001-ZNY
SWA1380

DAILY RECORD OF FACILITY OPERATION				PAGE NO Page 2 of 2
				DATE Apr 17, 2018
LOCATION	IDENTIFICATION	TYPE FACILITY	OPERATING POSITION	CHECKED BY
Philadelphia, PA	PHL	ATCT	Watch Desk	AIR TRAFFIC MANAGER Dana Rose-Kelly
UTC TIME	REMARKS			
1814	RWY 27L OPERATIONS NORMAL. -- AH			
1823	JIA5616, CRJ7, CIGA RWY 35 TO ENSURE SEPARATION WITH RPA4653, E170, LANDING RWY 27R. -- AH			
1826	ILS27L, V17 APCH IN USE. -- AH			
1939	RWY 26 CLSD. -- AH			
2023	ILS27R, V35 APCH IN USE. -- AH			
2056	AAL1632, A321, CIGA RWY 27R TO ENSURE SEPARATION WITH N715CS, C25A, LANDING RWY 35. -- AH			
2105	S. LOVICK ON AS OMIC, ABOVE NOTED. -- UD			
2215	RWY 27L CLSD. -- UD			
2219	RWY 27L OPEN. -- UD			
2228	A. HOLDEN ON AS OMIC. ABV. NOTED. -- AH			
2250	PDT4914, E145, CIGA RWY 35 TO ENSURE SEPARATION WITH RPA4643, E175, LANDING RWY 27R. -- AH			
2305	WCLC. -- AH			
2334	NOTAM CHK CMPLT. -- AH			
M 2336	PHL-M-2018/04/17-0002 -- FLC70 -- AH <i>Public inquiry</i>			
0005	T. HUGHES ON OSIC -- TM			
0248	B. BERNHARDT ON OCIC -- TM			
0300	ILS RUNWAY 27L IN USE, RUNWAYS 26, 27R AND 35 ARE CLOSED. -- BE			
0359	COB. -- BE			
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

18-001-ZNY
SWA1380

SECTION 5.
Personnel Log(s)

PERSONNEL LOG		REGION		FACILITY		AREA ID			DATE		
		AEA		ZNY		AREA A			MONTH: APR	DAY: 17	YEAR: 2018
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		
SINGH, TARANJEET (TJ) 05:46 - 13:46	R	05:46	13:46	08+00			00+00	05+09			
WALTER, JONATHAN (JQ) 05:50 - 13:50	R	05:50	13:50	16+00			00+00	05+12			
DAVIDS, CORY (JH) 06:30 - 14:30	R	06:30	14:30	08+00			01+29	04+08			
LOMBARDI, ROBERT (RR) 06:30 - 14:30	R	06:30	14:30	08+00			00+00	05+13			
GAMBINO, DANIEL (AO) 06:33 - 14:33	R	06:33	14:33	08+00			00+00	06+47			
FOLEY, MATTHEW (ME) 06:34 - 14:34	R	06:34	12:34	14+00	02+00	Leave	00+00	03+12			
	50	22:34	06:34								
AMATO, ANTHONY (AX) 06:41 - 14:41	R	06:41	14:41	08+00			00+00	05+17			
D'AMBROSIO, ERIC (DE) 06:49 - 14:49	R	06:49	14:49	08+00			00+00	06+42			
HARRIS, ROBERT (BV) 06:49 - 14:49	R	06:49	14:49	10+00			01+07	03+36			
	51	14:49	16:49								
FLEISCHER, FRANK (FT) 07:55 - 15:55	R	07:55	15:55	10+00			00+00	04+25			
	50	15:55	17:55								
HARDT, CHRISTIAN (OH) 09:32 - 17:32	R	09:32	17:32	08+00			04+46	03+09			
D'ANTONA, JOSEPH (JW) 12:30 - 20:30	51	10:30	12:30	07+51	02+09	Leave	01+11	01+38			
	R	12:30	18:21								
BOGDANOWICH, DEAN (ZZ) 11:37 - 19:37	R	11:37	19:37	10+00			00+00	06+03			
	94	19:37	21:37								
FENNER, RICHARD (HU) 12:30 - 20:30	R	12:30	20:30	08+00			02+39	00+00			
SMITH, LUTHER (LV) 12:30 - 20:30	R	12:30	20:30	08+00			01+35	03+54			
KALBERER, GEORGE (GG) 14:40 - 22:40	94	12:40	14:40	10+00			00+00	04+47			
	R	14:40	22:40								
PRWIVO, ANTHONY (HA) 12:56 - 20:56	R	12:56	20:56	08+00			07+33	00+00			
SOUCHECK, RICHARD (WR) 14:30 - 22:30	9	13:19	14:30	09+11			00+00	05+05			
	R	14:30	22:30								
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		
NAME	CODE	AEA		ZNY		AREA A			MONTH: APR	DAY: 17	YEAR: 2018
		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		
ZIMMERMAN, BRIAN (EZ) 14:30 - 22:30	R	14:30	22:30	08+00			01+52	02+46			
SEIDENSPINNER, JOHN (SI) 14:33 - 22:33	R	14:33	22:33	08+00			00+00	05+03			
KEENAN, THOMAS (TX) 14:39 - 22:39	R	14:39	22:39	09+00			00+00	04+55			
	51	22:39	23:39								
KHAN, KESHAD (LK) 14:43 - 22:43	R	14:43	22:43	08+00			03+39	04+21			
SARDAR, SAYED (SA) 15:00 - 23:00	R	15:00	23:00	08+00			00+00	03+05			
CORNBROOKS, JAMES (JI) 15:58 - 23:58	R	15:58	23:58	08+00			00+00	03+43			
DOEGE, JEFFREY (JJ) 15:00 - 23:00	R	17:45	23:00	05+15	02+45	Leave	00+00	04+18			
RABOLT, DANIEL (RB) 22:30 - 06:30	R	22:30	06:30	08+00			00+00	03+00			
PAZDRO, JAROSLAW (EE) 06:00 - 14:00					08+00	Leave	00+00	00+00			
KOEHLER, GEORGE (KR) 07:00 - 15:00					08+00	Leave	00+00	00+00			
DIEZ, JAMIE (OV) 07:00 - 15:00					08+00	Leave	00+00	00+00			
PACE, JOSEPH (XL) 15:00 - 23:00					08+00	Leave	00+00	00+00			
PUCKEY, JARED (PY) 15:00 - 23:00					08+00	Leave	00+00	00+00			
KING, PATRICK (RJ) 16:00 - 00:00					08+00	Leave	00+00	00+00			
PAZDRO, JAROSLAW (EE) 23:00 - 07:00					08+00	Leave	00+00	00+00			
DILLON, JEFFREY (DZ) RDO	99	06:31	14:31	10+00			00+00	05+01			
	51	14:31	16:31								
RUGIENIUS, GINTAUTAS (GR) RDO	50	06:33	14:33	08+00			00+00	05+10			
ROBERTSON, JEFFREY (JV) NAS											
SUPERVISORY CERTIFICATE	NAME	CODE	TIME ON	TIME OFF	INTLS	NAME	CODE	TIME ON	TIME OFF	INTLS	

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(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		ZNY		AREA A			MONTH: APR	DAY: 17	YEAR: 2018
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		
AMATO, TIFFANY (TF) RDO											
LAU, CHIU (CP) RDO											
MERRIS, DANIEL (HD) RDO											
OSWALD, GREGORY (OZ) RDO											
PENTHEROS, PETER (PP) RDO											
RODRIGUEZ, CHRISTOPHER (LA) RDO											
STAROSTA, DENIS (DX) RDO											
SUPERVISORY CERTIFICATE	NAME	CODE	TIME ON	TIME OFF	INTLS	NAME	CODE	TIME ON	TIME OFF	INTLS	
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Form 7230-4 (Dec 08)

Official Version

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

18-001-ZNY
SWA1380

PERSONNEL LOG		REGION		FACILITY		AREA ID			DATE		
NAME	CODE	AEA		ZNY		AREA B			MONTH: APR	DAY: 17	YEAR: 2018
		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		
FOX, MEREDITH (VT) 05:30 - 13:30	R	05:30	13:30	08+00			00+00	03+58			
HODA, JASON (MH) 05:30 - 13:30	R	05:30	13:30	08+00			00+00	04+18			
POLAKOS, PETER (PD) 05:33 - 13:33	R	05:33	13:33	08+00			00+00	04+22			
GUILD, STEVEN (SG) 06:30 - 14:30	9	06:15	06:30	08+15			00+23	04+37			
	R	06:30	14:30								
POPOW, JON (PW) 06:30 - 14:30	9	06:25	06:30	08+05			00+22	04+22			
	R	06:30	14:30								
BONEILLO, CHRISTOPHER (CQ) 06:30 - 14:30	R	06:30	14:30	08+00			00+29	04+18			
BROGAN, PHILIP (BP) 06:38 - 14:38	R	06:38	14:38	08+00			00+03	03+17			
ZERAFA, STEVEN (SZ) 06:38 - 14:38	R	06:38	14:38	08+00			01+16	05+36			
JEFFORDS, DEREK (JS) 06:42 - 14:42	R	06:42	14:42	08+00			00+39	03+39			
ACAMPORA, GEORGE (AP) 06:45 - 14:45	R	06:45	14:45	09+00			07+03	00+58			
	9	14:45	15:45								
ORDON, WILLIAM (WO) 06:45 - 14:45	R	06:45	14:45	08+00			00+22	03+57			
TRUPIANO, FERNANDO (FS) 06:45 - 14:45	R	06:45	14:45	08+00			07+53	00+00			
ROSICA, MATTHEW (TI) 06:47 - 14:47	R	06:47	14:47	08+00			00+00	04+19			
O'HANLEY, MICHAEL (MO) 06:49 - 14:49	R	06:49	14:49	08+00			00+08	03+52			
LIGUORI, TIMOTHY (ZT) 06:50 - 14:50	R	06:50	14:50	08+00			00+34	06+36			
LITTLE, JOSHUA (LT) 06:55 - 14:55	R	06:55	14:55	08+00			07+50	00+00			
HENRIQUES, JULIO (XJ) 07:00 - 15:00	R	07:00	15:00	08+00			08+00	00+00			
HAGERMANN, JOSHUA (XX) 07:40 - 15:40	R	07:40	15:40	08+00			01+18	03+49			
SUPERVISORY CERTIFICATE	NAME	CODE	TIME ON	TIME OFF	INTLS	NAME	CODE	TIME ON	TIME OFF	INTLS	

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PERSONNEL LOG		REGION		FACILITY		AREA ID			DATE		
NAME	CODE	AEA		ZNY		AREA B			MONTH: APR	DAY: 17	YEAR: 2018
		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		
PEREIRA, WILLIAM (XW) 07:49 - 15:49	R 64	07:49	15:49	10+00			06+28	01+27			
GIL, BENIGNO (GB) 07:00 - 15:00	R	08:45	15:00	06+15	01+45	Leave	00+00	04+57			
HOPPE, JOHN (HO) 12:30 - 20:30	R	12:30	20:30	08+00			01+00	04+32			
VACCARELLA, LOUIS (AV) 12:37 - 20:37	R	12:37	20:37	08+00			00+29	04+43			
SCAVONE, ANTHONY (XV) 13:30 - 21:30	9 R	13:00	13:30	08+30			01+18	04+02			
BENNETT, JAMES (HB) 13:30 - 21:30	R	13:30	21:30	08+00			07+50	00+00			
WALDHOLZ, JORDAN (FO) 13:30 - 21:30	R	13:30	21:30	08+00			01+02	05+52			
LUND, STEVEN (YZ) 13:41 - 21:41	R	13:41	21:41	08+00			00+25	02+32			
GLASS, RYAN (RK) 14:43 - 22:43	9 R	13:43	14:43	09+00			00+36	04+31			
KELLEY-MARINO, SUSAN (KE) 13:47 - 21:47	R	13:47	21:47	08+00			00+30	03+28			
RUSSO, MELISSA (MZ) 14:30 - 22:30	R	14:30	22:30	08+00			00+50	04+06			
GRAZIANO, ANTHONY (TG) 14:33 - 22:33	R	14:33	22:33	08+00			00+21	01+54			
LOCASCIO, JOHN (BL) 14:33 - 22:33	R	14:33	22:33	08+00			04+49	02+58			
CORTINA, ENRI (AC) 15:45 - 23:45	R	15:45	23:45	08+00			00+32	03+34			
STEINHAUFF, RICO (IQ) 15:46 - 23:46	R	15:46	23:46	08+00			00+28	03+41			
FRANCIS, HARRY (AU) 16:00 - 00:00	R	16:00	00:00	08+00			00+10	04+25			
FOX, MEREDITH (VT) 22:30 - 06:30	R	22:30	06:30	08+00			00+00	07+16			
HODA, JASON (MH) 22:30 - 06:30	R	22:30	06:30	08+00			00+00	08+00			
SUPERVISORY CERTIFICATE	NAME	CODE	TIME ON	TIME OFF	INTLS	NAME	CODE	TIME ON	TIME OFF	INTLS	
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NAME	CODE	AEA		ZNY		AREA B			MONTH: APR	DAY: 17	YEAR: 2018
		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		
POLAKOS, PETER (PD) 22:30 - 06:30	R	22:30	06:30	08+00			00+00	08+00			
UDDIN, JAVERIA (AJ) 07:00 - 15:00					08+00	Leave	00+00	00+00			
COOK, JODY (JL) 13:00 - 21:00					08+00	Leave	00+00	00+00			
MERCED, MARK (KM) 15:00 - 23:00					08+00	Leave	00+00	00+00			
MAGRO, MICHELLE (OL) 15:00 - 23:00					08+00	Leave	00+00	00+00			
ELLIS, NIGEL (EN) RDO	94	06:30	14:30	08+00			00+00	04+53			
MCCLOSKEY, JAMES (JZ) RDO	94	06:30	14:30	08+00			00+00	05+15			
GULLO, JEFFREY (NE) RDO	50	06:51	14:51	08+00			00+31	03+54			
BRUCHHAUSER, ANTON (AB) RDO	241	13:00	21:00				00+00	06+06			
	9	21:00	23:00	10+00							
HOFFMANN, JOHN (JN) RDO	50	14:31	22:31	08+00			00+08	05+17			
FELSER, JASON (FE) RDO	241	14:33	22:33	08+00			00+50	03+52			
CLAUS, WILLIAM (BQ) RDO	57	14:36	22:36	08+00			00+19	04+38			
GUZMAN, ALEXIS (GA) NAS											
RIES, JOHN (TZ) NAS											
RUSHNOCK, DUSTIN (PA) NAS											
GUAGLIONE, DONATO (DU) RDO											
REY, CHARLES (FZ) RDO											
ROMANO, DAVID (DO) RDO											
SUPERVISORY CERTIFICATE	NAME	CODE	TIME ON	TIME OFF	INTLS	NAME	CODE	TIME ON	TIME OFF	INTLS	
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Federal Aviation Administration

Memorandum

Date: May 7, 2018

To: Accident file for 18-001-ZNY, SWA1380

From: [REDACTED]
Dana Rose-Kelly, Air Traffic Manager, Philadelphia ATCT/TRACON, ENG-PHL

Subject: Personnel on Other Duties Memo
SWA1380 on April 17, 2018

I certify the following personnel were on Other Duties on April 17, 2018.

Off-site meeting:

John Blanco (VC)

Training off-site:

Jimmie White (JQ)

Article 114 duties – ATC:

Corey Grafe (CG)

PERSONNEL LOG		REGION		FACILITY		AREA ID			DATE			
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BERNHARDT, BRIAN (BE) 05:30 - 13:30	R	05:30	13:30	08+00			00+51	04+30				
CHETTA, GAETANO (GC) 05:30 - 13:30	R	05:30	13:30	08+00			00+00	04+02				
FROLIO, ANTHONY (AF) 05:30 - 13:30	R	05:30	13:30	08+00			01+29	03+24				
PAN, JENNIFER (JP) 05:30 - 13:30	R	05:30	13:30	08+00			01+08	04+37				
REDNER, BRYAN (BR) 05:30 - 13:30	R	05:30	13:30	08+00			00+00	04+05				
REGAN, SHAUN (SR) 05:30 - 13:30	R	05:30	13:30	08+00			00+00	06+13				
RUSSO, STEPHEN (XO) 05:30 - 13:30	R	05:30	13:30	08+00			05+00	00+48				
OLIVAS, MARK (MO) 05:35 - 15:35	R	05:35	15:35	10+00			00+01	05+01				
MILECA, CLAIRE (AC) 05:45 - 13:45	R	05:45	13:45	08+00			03+35	03+17				
BENSON, LEVI (LB) 06:15 - 16:15	R	06:15	16:15	10+00			00+56	05+04				
FRASCELLA, LAWRENCE (LG) 06:15 - 14:15	R	06:15	14:15	08+00			01+34	03+21				
LEFFARD, AARON (LD) 06:15 - 14:15	R	06:15	14:15	08+00			00+00	03+44				
MORGAN, ADRIENNE (AM) 06:15 - 16:15	R	06:15	16:15	10+00			03+52	03+02				
ROSS, MICHAEL (ME) 06:15 - 16:15	R	06:15	16:15	10+00			00+00	04+19				
SMITH, JOHN (ZS) 06:15 - 14:15	R	06:15	14:15	08+00			00+04	04+01				
WATSON, LATRICE (JA) 06:15 - 14:15	R	06:15	14:15	08+00			00+04	03+26				
MULLIN, DANIEL (DM) 06:00 - 14:00	R	06:20	14:00	07+40	00+20	Leave	01+12	06+23				
KIRNER, ERIC (EZ) 06:30 - 14:30	R	06:30	14:30	08+00			07+43	00+00				
SUPERVISORY CERTIFICATE	NAME	CODE	TIME ON	TIME OFF	INTLS	NAME	CODE	TIME ON	TIME OFF	INTLS		
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MEYERS, DANIEL (DW) 06:30 - 16:30	R	06:30	16:30	10+00			00+35	05+28				
STRICKLER, MICHAEL (TI) 06:30 - 14:30	R	06:30	14:30	08+00			00+51	03+38				
ASKEW, DESIREE (DF) 07:00 - 15:00	R	07:00	15:00	08+00			05+15	01+32				
BLANCO, JOHN (VC) 07:00 - 15:00	R	07:00	15:00	08+00			08+00	00+00				
MARMOL, JOSE (JM) 07:00 - 15:00	R	07:00	15:00	08+00			01+58	04+05				
URBAN, DAVID (DD) 07:00 - 15:30	R	07:00	15:30	08+30			00+00	00+00				
ASTOR, MATTHEW (MC) 07:07 - 15:07	R	07:07	15:07	08+00			07+56	00+00				
COHEN, ADAM (CN) 07:15 - 17:15	R	07:15	17:15	10+00			01+48	03+52				
HENDRICKSON, NATHAN (NH) 07:15 - 15:15	R	07:15	15:15	08+00			01+48	02+52				
GRAFE, COREY (CG) 07:45 - 15:45	R	07:45	15:45	08+00			08+00	00+00				
LYNCH, SEAN (SL) 07:45 - 15:45	R	07:45	15:45	08+00			00+00	04+21				
WHITE, JIMMIE (JQ) 07:45 - 15:45	R	07:45	15:45	08+00			08+00	00+00				
BROWN, STEPHEN (ST) 09:30 - 17:30	R	09:30	14:14	04+44	03+16	Leave	00+39	03+58				
SHERRELL, NATHAN (NS) 10:00 - 20:00	R	10:00	20:00	10+00			00+10	04+56				
PARR, MATTHEW (MP) 10:05 - 18:05	R	10:05	18:05	08+00			00+11	04+29				
BECK, DAVID (DB) 10:30 - 20:30	R	10:46	20:30	09+44	00+16	Leave	00+01	05+11				
LOVICK, SCOTT (UD) 11:05 - 19:05	R	11:05	19:05	08+00			06+15	01+08				
HOLDEN, AARON (AH) 12:15 - 20:15	R	12:15	20:15	08+00			00+32	06+13				
SUPERVISORY CERTIFICATE	NAME		CODE	TIME ON	TIME OFF	INTLS	NAME		CODE	TIME ON	TIME OFF	INTLS
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PEARCY, GEORGE (GP) 12:15 - 22:15	R	12:15	22:15	10+00			00+09	05+01				
RYAN, WILLIAM (BJ) 12:25 - 22:25	R	12:25	22:25	10+00			00+40	04+45				
COLBURN, MATTHEW (CC) 12:30 - 20:30	R	12:30	20:30	08+00			00+12	04+04				
DONAHUE, MICHAEL (HO) 12:30 - 20:30	R	12:30	20:30	08+00			00+09	04+08				
SWEISTHAL, KARL (JJ) 12:30 - 20:30	R	12:30	20:30	08+00			00+27	05+33				
THOMPSON, IRA (IT) 12:30 - 20:30	R	12:30	20:30	08+00			00+00	04+55				
WILSON, JASON (LV) 12:35 - 22:35	R	12:35	22:35	10+00			00+24	04+40				
HARRIS, RANIKA (OO) 12:40 - 20:40	R	12:40	20:40	08+00			00+00	04+06				
SWINDLE, NATHANAEL (AZ) 12:55 - 20:55	R	12:55	20:55	08+00			00+57	02+59				
SMITH, GARRETT (GR) 13:00 - 23:00	R	13:00	23:00	10+00			00+00	04+22				
COLLISON, KATELYNN (KS) 13:05 - 21:05	R	13:05	21:05	08+00			02+55	02+17				
BENTZ, CHAD (CB) 14:00 - 22:00	9 R	13:30 14:00	14:00 22:00	08+30			02+08	04+37				
VISCONTI, WILLIAM (VB) 14:00 - 22:00	R	14:00	22:00	08+00			00+00	07+40				
RANSOM, MICHAEL (UR) 14:05 - 22:05	R R	14:05 16:45	14:06 22:05	05+21	02+39	Leave	02+39	02+19				
BRACKEN, JOHN (BK) 14:15 - 22:15	R	14:15	22:15	08+00			00+09	04+39				
BUPP, WILLIAM (BB) 14:15 - 22:15	R	14:15	22:15	08+00			00+00	05+05				
KELLEY, THOMAS (TJ) 14:15 - 22:15	R	14:15	22:15	08+00			00+00	04+42				
LINDER, MARCIA (KT) 14:15 - 22:15	R	14:15	22:15	08+00			00+03	05+00				
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PAYNTER, JEFFREY (PW) 14:15 - 22:15	R	14:15	22:15	08+00			00+00	04+31				
SPINA, ADAM (NY) 14:15 - 22:15	R	14:15	22:15	08+00			00+00	04+08				
MOUNT, ERIC (MT) 14:25 - 22:25	R	14:25	22:25	08+00			00+24	04+24				
HUGHES, TIMOTHY (TM) 15:00 - 23:00	R	15:00	23:00	08+00			00+04	06+09				
BERNHARDT, BRIAN (BE) 21:45 - 05:45	R	21:45	05:45	08+00			00+00	03+29				
REDNER, BRYAN (BR) 21:45 - 05:45	R	21:45	05:45	08+00			00+00	04+33				
TISDALL, ANTHONY (TS) 21:45 - 05:45	R	21:45	05:45	08+00			00+00	05+02				
RUSSO, STEPHEN (XO) 22:00 - 06:00	R	22:00	06:00	08+00			00+00	04+13				
PERKS, CHRISTOPHER (MM) 05:30 - 15:30					10+00	Leave	00+00	00+00				
AGOSTO, JESSICA (PA) 06:00 - 14:00					08+00	Leave	00+00	00+00				
DOAK, RICHARD (RC) 07:00 - 15:00					08+00	Leave	00+00	00+00				
CHAPMAN, DON (CD) 10:30 - 18:30					08+00	Leave	08+00	00+00				
KIRNER, ERIC (EP) 10:30 - 20:30					10+00	Leave	00+00	00+00				
BOYDE, JASON (SO) 13:00 - 21:00					08+00	Leave	00+00	00+00				
MURDOCK, ERIN (EJ) 14:00 - 22:00					08+00	Leave	00+00	00+00				
DERECOLA, ANDREW (DA) 14:45 - 22:45					08+00	Leave	00+00	00+00				
MURDOCK, JOHN (XY) 14:45 - 22:45					08+00	Leave	00+00	00+00				
NAGY, SCOTT (OT) 22:00 - 06:00					08+00	Leave	00+00	00+00				
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SNIVELY, JENNIFER (JE) 22:00 - 06:00					08+00	Leave	00+00	00+00				
SCHERER, ANDREW (AS) RDO	89	06:15	14:15	08+00			00+01	03+46				
BONILLA, ISRAEL (BA) NAS												
GOODMAN, ROBERT (GG) NAS												
LITTLE, ARMON (AW) NAS												
ABBOTT, DANIEL (AD) RDO												
ATCHLEY, CAROLYN (NE) RDO												
BLOOMER, RICHARD (RA) RDO												
BUNYARD, RAYMOND (RB) RDO												
CLOTHIER, JAMES (OL) RDO												
DELGADO, FREDDIE (FD) RDO												
DIDONATO, JOSEPH (AK) RDO												
DREYER, DAVID (DR) RDO												
FERVER, TREVOR (OZ) RDO												
FOSKEY, SHANE (SF) RDO												
GIBERSON, DAVID (DG) RDO												
HILBERT, CHRISTOPHER (CH) RDO												
JACQUES, CHARLES (JX) 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)												

PERSONNEL LOG		REGION		FACILITY		AREA ID			DATE		
		AEA		PHL		OPERATIONS			MONTH: APR	DAY: 17	YEAR: 2018
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		
LAUBACH, KRISTEN (KM) RDO											
LEAMY, KEVIN (LM) RDO											
OBRIEN, WILLIAM (PB) RDO											
OCONNOR, KEVIN (KO) RDO											
PACINHIK, PATRICK (PK) RDO											
PHILLIPS, DANIEL (PS) RDO											
REAM, PATRICK (PR) RDO											
SHERIDAN, ADRIENNE (JZ) RDO											
SIMMONS, CHARLES (CS) RDO											
STONEBACK, EVA (EV) RDO											
STRIBBLE, RYAN (RS) RDO											
TAMULONIS, JOSEPH (JL) RDO											
THOMAS, MICHAEL (MB) RDO											
WAGNER, JOSEPH (WA) 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

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SECTION 6.

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

POSITION LOG					
Fac ID: ZNYC		Log Date: 4/17/2018			
Pos ID: R39		Pos Type: R			
TIME ON	Initials	TIME OFF	Code	Where Combined To:	
				Pos ID	Pos Type
0400		0932		R55	R
0933	PD	1050	C		
1051	PW	1102	C		
1103	PD	1141	C		
1103	SG	1141	T		
1142	CQ	1156	C		
1157		1220		R55	R
1221	PD	1343	C		
1221	SG	1343	T		
1344	NE	1427	C		
1428	PD	1529	C		
1428	SG	1529	T		
1530	MO	1646	C		
1647	HO	1721	C		
1647	SG	1721	T		
1722	CQ	1744	C		
1722	SG	1744	T		
1746	NE	1807	C		
1808	RK	1842	C		
1843	RK	1845	C		

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POSITION LOG					
Fac ID: ZNYC			Log Date: 4/17/2018		
Pos ID: R25			Pos Type: R		
TIME ON	Initials	TIME OFF	Code	Where Combined To:	
				Pos ID	Pos Type
0400		1030		R26	R
1031	JH	1155	C		
1156	BV	1244	C		
1245	ME	1301	C		
1302	BV	1346	C		
1347	ME	1441	C		
1442	JW	1620	C		
1621	TJ	1718	C		
1719	ZZ	1726	C		
1727	RR	1816	C		
1817	ZZ	1833	C		
1834	LV	1834	C		
1835	LV	1941	C		
1835	TE	1941	T		
1942	FT	1954	C		
1955	FT	2003	C		
2004	JI	2034	C		
2035	LV	2240	C		
2035	TE	2240	T		
2241	JI	2324	C		

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POSITION LOG

Fac ID: ZNYC

Log Date: 4/17/2018

Pos ID: RA27

Pos Type: RA

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POSITION LOG					
Fac ID: ZNYC		Log Date: 4/17/2018			
Pos ID: SUPA		Pos Type: O			
TIME ON	Initials	TIME OFF	Code	Where Combined To:	
				Pos ID	Pos Type
0400		1034		A25	A
1035	DZ	1117	C		
1118	GR	1244	C		
1245	JH	1351	C		
1352	GR	1424	C		
1425	RR	1504	C		
1505	GR	1626	C		
1627	FT	1739	C		
1740		2003		Closed	
2004	FT	2135	C		
2136	TX	2147	C		
2148	JJ	0040	S		
0041	ZZ	0130	C		
0131	JJ	0255	S		
0256		0359		A25	A

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POSITION LOG					
Fac ID: ZNYC		Log Date: 4/17/2018			
Pos ID: R9		Pos Type: R			
TIME ON	Initials	TIME OFF	Code	Where Combined To:	
				Pos ID	Pos Type
0400		1030		R10	R
1031	RR	1039	C		
1040	JQ	1155	C		
1156	DZ	1215	C		
1216	TJ	1313	C		
1314	DZ	1357	C		
1358	TJ	1517	C		
1518	BV	1600	C		
1601	ZZ	1718	C		
1719	JQ	1725	C		
1726	WR	1801	C		
1802	GG	1825	C		
1826	BV	1847	C		
1848	TX	1946	C		
1947	WR	2017	C		
2018	ZZ	2048	C		
2049	GG	2240	C		
2241	SA	2353	C		
2354	GG	0036	C		
0037	SA	0128	C		

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Fac ID: ZNYC	Log Date: 4/17/2018
Pos ID: A27	Pos Type: A

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POSITION LOG					
Fac ID: ZNYC		Log Date: 4/17/2018			
Pos ID: R42		Pos Type: R			
TIME ON	Initials	TIME OFF	Code	Where Combined To:	
				Pos ID	Pos Type
0400		1029		R56	R
1030	CQ	1031	C		
1032		1135		R56	R
1136	BP	1236	C		
1237	EN	1344	C		
1345	MO	1451	C		
1452	EN	1613	C		
1614	VT	1638	C		
1639	GB	1746	S		
1639	TI	1746	R		
1747	BP	1802	C		
1803	AV	1922	C		
1923	XV	1951	C		
1952	AC	2009	C		
2010	AU	2149	C		
2150	YZ	2214	C		
2215	RK	2320	C		
2321	YZ	2352	C		
2353	TG	0020	C		
0021	AC	0111	C		

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POSITION LOG					
Fac ID: ZNYC		Log Date: 4/17/2018			
Pos ID: R56		Pos Type: R			
TIME ON	Initials	TIME OFF	Code	Where Combined To:	
				Pos ID	Pos Type
0400	GA	0932	C		
0933	MH	1029	C		
1030	GQ	1132	S		
1133	CQ	1137	C		
1138	MH	1139	C		
1140	MH	1310	C		
1140	TI	1310	T		
1311	BP	1401	C		
1402	GB	1515	S		
1402	TI	1515	R		
1516	MH	1629	C		
1630	PW	1652	C		
1653	BP	1709	C		
1710	PW	1747	C		
1748	YZ	1807	C		
1808	HO	1859	C		
1900	AB	1903	C		
1904	YZ	1927	C		
1928	HO	1958	C		
1959	IQ	2019	C		

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POSITION LOG					
Fac ID: ZNYC		Log Date: 4/17/2018			
Pos ID: R56		Pos Type: R			
TIME ON	Initials	TIME OFF	Code	Where Combined To:	
				Pos ID	Pos Type
2020	BQ	2243	C		
2244	KE	2328	C		
2329	AU	0001	C		
0002	IQ	0038	C		
0039	XV	0111	C		
0112	AC	0122	C		
0123	JN	0158	C		
0159	AB	0159	C		
0200	JN	0205	C		
0206	IQ	0229	C		
0230	MH	0359	C		

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POSITION LOG					
Fac ID: ZNYC		Log Date: 4/17/2018			
Pos ID: R68		Pos Type: R			
TIME ON	Initials	TIME OFF	Code	Where Combined To:	
				Pos ID	Pos Type
0400		1015		R56	R
1016	SG	1029	C		
1030	SG	1050	C		
1051	TI	1116	C		
1117	NE	1144	C		
1145	WO	1145	C		
1146	WO	1255	C		
1146	XX	1255	T		
1256	PW	1316	C		
1317	NE	1335	C		
1336	WO	1430	C		
1336	XX	1430	T		
1431	VT	1500	C		
1501	NE	1522	C		
1523	WO	1636	C		
1523	XX	1636	T		
1637	EN	1731	C		
1732	XV	1738	C		
1739	MO	1743	C		
1745	WO	1803	C		

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POSITION LOG					
Fac ID: ZNYC		Log Date: 4/17/2018			
Pos ID: R68		Pos Type: R			
TIME ON	Initials	TIME OFF	Code	Where Combined To:	
				Pos ID	Pos Type
1745	XX	1803	T		
1804	XV	1845	C		
1846	BQ	1929	C		
1930	XW	1948	C		
1949	XW	2056	C		
2057	YZ	2110	C		
2111	KE	2147	C		
2148	HO	2342	C		
2343	XV	0034	C		
0035	YZ	0111	C		
0112	AB	0122	C		
0123	AU	0229	C		
0230	PD	0359	C		

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POSITION LOG					
Fac ID: ZNYC			Log Date: 4/17/2018		
Pos ID: R55			Pos Type: R		
TIME ON	Initials	TIME OFF	Code	Where Combined To:	
				Pos ID	Pos Type
0400	TZ	0932	C		
0933	VT	1050	C		
1051	JZ	1126	C		
1127	PW	1207	C		
1208	JZ	1252	C		
1253	VT	1315	C		
1316	JZ	1548	C		
1549	PW	1629	C		
1630	JZ	1750	C		
1751	KE	1846	C		
1847	FE	1917	C		
1918	RK	1931	C		
1932	FE	2022	C		
1932	MZ	2022	T		
2023	AV	2039	C		
2040	AC	2107	C		
2108	FE	2209	C		
2108	MZ	2209	T		
2210	TG	2301	C		
2302	AU	2324	C		

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Fac ID: ZNYC	Log Date: 4/17/2018
Pos ID: RA42	Pos Type: RA

Log Date: 4/17/2018

Pos Type: RA

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POSITION LOG					
Fac ID: ZNYC		Log Date: 4/17/2018			
Pos ID: RA55		Pos Type: RA			
TIME ON	Initials	TIME OFF	Code	Where Combined To:	
				Pos ID	Pos Type
0400		1034		R55	R
1035	CQ	1052	C		
1053	MO	1058	C		
1059	WO	1059	C		
1100	JS	1116	T		
1100	WO	1116	C		
1117		1156		R55	R
1157	CQ	1258	C		
1157	JS	1258	T		
1259	NE	1316	C		
1317	MO	1342	C		
1343	CQ	1437	C		
1343	JS	1437	T		
1438		1511		R55	R
1512	CQ	1629	C		
1512	JS	1629	T		
1630	HO	1646	C		
1647		1845		R55	R
1846	MZ	1930	C		
1931		0359		R55	R

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POSITION LOG					
Fac ID: ZNYC		Log Date: 4/17/2018			
Pos ID: RA56		Pos Type: RA			
TIME ON	Initials	TIME OFF	Code	Where Combined To:	
				Pos ID	Pos Type
0400		1052		R56	R
1053	JS	1059	C		
1100	MO	1103	C		
1104	MH	1112	C		
1113		1137		R56	R
1138	VT	1236	C		
1237		1659		R56	R
1700	PW	1709	C		
1710		1747		R56	R
1748	RK	1807	C		
1808	NE	1833	C		
1834		1923		R56	R
1924	AV	1938	C		
1939	KE	1958	C		
1959	TG	2014	C		
2015	RK	2024	C		
2025	HO	2032	C		
2033	XV	2056	C		
2057	HO	2110	C		
2111	IQ	2252	C		

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POSITION LOG					
Fac ID: ZNYC		Log Date: 4/17/2018			
Pos ID: SUPB		Pos Type: O			
TIME ON	Initials	TIME OFF	Code	Where Combined To:	
				Pos ID	Pos Type
0400		1029		A39	A
1030	EN	1039	C		
1040	BP	1104	C		
1105	EN	1222	C		
1223		1244		A39	A
1245	GB	1356	S		
1357	PW	1448	C		
1449	BP	1515	C		
1516	GB	1638	S		
1639	AV	1728	C		
1729		1805		Closed	
1806	AP	1844	C		
1845	AP	1904	C		
1905	AB	2115	C		
2116	AV	2207	C		
2208		2252		Closed	
2253	AV	0001	C		
0002	RK	0044	C		
0045	BQ	0125	C		
0126	RK	0200	C		

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POSITION LOG

Fac ID: ZNYC	Log Date: 4/17/2018
Pos ID: A39	Pos Type: A

Log Date: 4/17/2018

Pos Type: A

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POSITION LOG					
Fac ID: PHL		Log Date: 4/17/2018			
Pos ID: ND		Pos Type: DR			
TIME ON	Initials	TIME OFF	Code	Where Combined To:	
				Pos ID	Pos Type
0400	JE	0559	C		
0600	JE	0934	C		
0935	BE	1013	C		
1014	XO	1027	C		
1028	JA	1119	C		
1120	GC	1132	C		
1133	CN	1206	C		
1207	CN	1214	C		
1215	JA	1301	C		
1302	CN	1349	C		
1350		1440		SD	DR
1441	ST	1605	C		
1606	JA	1653	C		
1654	LD	1701	C		
1702	LB	1753	C		
1754	GP	1829	C		
1830	DW	1919	C		
1920	DB	1925	C		
1926	DW	1947	C		
1948	NY	2108	C		

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POSITION LOG					
Fac ID: PHL		Log Date: 4/17/2018			
Pos ID: ND		Pos Type: DR			
TIME ON	Initials	TIME OFF	Code	Where Combined To:	
				Pos ID	Pos Type
2109	BK	2116	C		
2117	GR	2125	C		
2126	UR	2237	C		
2238	GP	2311	C		
2312	GR	2317	C		
2318	DB	2354	C		
2355	GP	0101	C		
0102	NY	0124	C		
0125	GR	0144	C		
0145	BR	0149	C		
0150	GR	0157	C		
0158	BE	0214	C		
0215	XO	0247	C		
0248	BE	0359	C		

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POSITION LOG					
Fac ID: PHL		Log Date: 4/17/2018			
Pos ID: LE		Pos Type: LC			
TIME ON	Initials	TIME OFF	Code	Where Combined To:	
				Pos ID	Pos Type
0400	AW	0613	C		
0614	TS	0925	C		
0926	TS	0929	C		
0930	BR	1018	C		
1019	AM	1102	C		
1103	BR	1139	C		
1140	AM	1216	C		
1217	BR	1315	C		
1316	LG	1402	C		
1403	BR	1429	C		
1430	AM	1523	C		
1524	MP	1637	C		
1638	HO	1716	C		
1717	LG	1730	C		
1731	LV	1802	C		
1803	HO	1839	C		
1840	MT	1929	C		
1930	HO	2033	C		
2034	MP	2117	C		
2118	LV	2211	C		

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POSITION LOG					
Fac ID: PHL Pos ID: LE			Log Date: 4/17/2018 Pos Type: LC		
TIME ON	Initials	TIME OFF	Code	Where Combined To:	
				Pos ID	Pos Type
2212	TJ	2313	C		
2314	LV	2349	C		
2350	KT	0115	C		
0116	MT	0144	C		
0145	TS	0307	C		
0308	BR	0359	C		

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POSITION LOG					
Fac ID: PHL			Log Date: 4/17/2018		
Pos ID: LW			Pos Type: LC		
TIME ON	Initials	TIME OFF	Code	Where Combined To:	
				Pos ID	Pos Type
0400		1027		LE	LC
1028	AC	1131	S		
1132		1209		AD	DI
1210	AS	1248	C		
1249	AM	1335	C		
1336		1448		LE	LC
1449	ME	1556	C		
1557	CW	1657	S		
1658	BJ	1810	C		
1811	CC	1851	C		
1852	LV	1958	C		
1959	CC	2117	C		
2118	BJ	2220	C		
2221	CC	2346	C		
2347	TJ	0001	C		
0002		0359		LE	LC

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POSITION LOG					
Fac ID: PHL		Log Date: 4/17/2018			
Pos ID: FV1		Pos Type: FR			
TIME ON	Initials	TIME OFF	Code	Where Combined To:	
				Pos ID	Pos Type
0400		1016		ND	DR
1017	ZS	1052	C		
1053	BE	1056	C		
1057	BE	1119	C		
1057	TI	1119	T		
1120	BE	1137	C		
1120	TI	1137	T		
1138		1237		NA	AR
1238	NH	1242	C		
1243	ZS	1303	C		
1304	BE	1306	C		
1307	BE	1341	C		
1307	TI	1341	T		
1342	BE	1346	C		
1347		1531		NA	AR
1532	BE	1532	C		
1533	BE	1625	C		
1533	TI	1625	T		
1626	BE	1634	C		
1635	IT	1709	C		

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POSITION LOG					
Fac ID: PHL		Log Date: 4/17/2018			
Pos ID: FV1		Pos Type: FR			
TIME ON	Initials	TIME OFF	Code	Where Combined To:	
				Pos ID	Pos Type
1710	NH	1721	C		
1722		1806		NA	AR
1807	OO	1835	C		
1836	SL	1856	C		
1857	IT	1950	C		
1951	OO	1958	C		
1959	BK	2046	C		
2047	OO	2159	C		
2200	GP	2234	C		
2235	IT	2351	C		
2352	PW	0000	C		
0001	VB	0143	C		
0144		0359		Closed	

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POSITION LOG						
Fac ID: PHL		Log Date: 4/17/2018				
Pos ID: ARD		Pos Type: AP				
TIME ON	Initials	TIME OFF	Code	Where Combined To:		
				Pos ID	Pos Type	
0400		1230		ND	DR	
1231	DW	1239	C			
1240	GC	1302	C			
1303	LD	1404	C			
1405	GC	1439	C			
1440	BE	1523	C			
1524	DW	1612	C			
1613	CN	1656	C			
1657	GP	1701	C			
1702	GR	1751	C			
1752	CN	1821	C			
1822	PW	1925	C			
1926	GP	2051	C			
2052	BK	2108	C			
2109		0359		ND	DR	
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POSITION LOG						
Fac ID: PHL	Log Date: 4/17/2018					
Pos ID: OOD	Pos Type: AP					
TIME ON	Initials	TIME OFF	Code	Where Combined To:		
				Pos ID	Pos Type	
0400		1050		SA	AR	
0400		1035		SA	AR	
1036	LB	1050	C			
1051	BE	1052	C			
1053	DW	1125	C			
1126		1227		SA	AR	
1228	CW	1228	S			
1229		1242		SA	AR	
1243	DW	1310	C			
1311	CW	1339	S			
1340		1536		SA	AR	
1537	LB	1614	C			
1615		1839		SA	AR	
1840	BB	1917	C			
1918	NS	1932	C			
1933		2032		SA	AR	
2033	GR	2115	C			
2116		2254		SA	AR	
2255	GR	2309	C			
2310		0359		SA	AR	

FAA Form 7230-10 (Electronic)

[illegible]

FAA Form 7230-10 (Electronic)

18-001-ZNY
SWA1380

[illegible]

18-001-ZNY
SWA1380

[illegible]

18-001-ZNY
SWA1380

POSITION LOG

Fac ID:	PHL	Log Date:	4/17/2018	
Pos ID:	CICR	Pos Type:	SI	
TIME ON	Initials	TIME OFF	Code	Where Combined To:
			Pos ID	Pos Type
0400	GG	0559	C	
0600	JE	0934	C	
0935	GC	1017	C	
1018	LB	1031	C	
1032		1356		OSI SI
1357	JA	1448	C	
1449	SL	1535	C	
1536		1714		Closed
1715	DB	1814	C	
1815	BB	1839	C	
1840		2359		OSI SI
0000	GR	0024	C	
0025	BB	0127	C	
0128		0247		Closed
0248	BE	0359	C	

FAA Form 7230-10 (Electronic)

18-001-ZNY
SWA1380

[illegible]

FAA Form 7230-10 (Electronic)

18-001-ZNY
SWA1380

POSITION LOG

Fac ID:	PHL	Log Date:	4/17/2018
Pos ID:	NAHO	Pos Type:	HO

TIME ON	Initials	TIME OFF	Code	Where Combined To:	
				Pos ID	Pos Type
0400		0359		Closed	

0400	0359	Closed
------	------	--------

FAA Form 7230-10 (Electronic)

18-001-ZNY
SWA1380

[illegible]

FAA Form 7230-10 (Electronic)

18-001-ZNY
SWA1380

POSITION LOG

[illegible]

FAA Form 7230-10 (Electronic)

18-001-ZNY
SWA1380

POSITION LOG

Fac ID: PHL
Log Date: 4/17/2018

TIME	Initials	TIME	Code	Where Combined To:

ON	OFF	Pos ID	Pos Type
----	-----	--------	----------

0400	0359	OOD	AP
------	------	-----	----

[illegible]

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[illegible]

FAA Form 7230-10 (Electronic)

18-001-ZNY
SWA1380

POSITION LOG

[illegible]

FAA Form 7230-10 (Electronic)

18-001-ZNY
SWA1380

[illegible]

18-001-ZNY
SWA1380

[illegible]

18-001-ZNY
SWA1380

[illegible]

18-001-ZNY
SWA1380

18-001-ZNY
SWA1380

[illegible]

POSITION LOG						
Fac ID:	PHL	Log Date:	4/17/2018			
Pos ID:	CD	Pos Type:	CD			
TIME ON	Initials	TIME OFF	Code	Where Combined To:		
				Pos ID	Pos Type	
0400		0936		GCE	GC	
0937	MO	1002	C			
1003	MO	1019	C			
1020	IG	1114	C			
1115	MO	1154	C			
1155	IG	1243	C			
1244	MO	1334	C			
1335	AF	1358	C			
1359	ME	1408	C			
1409	MO	1455	C			
1456	AS	1614	C			
1615	AF	1640	C			
1641	CC	1718	C			
1719	ME	1730	C			
1731	MP	1824	C			
1825	TJ	1914	C			
1915	BJ	1959	C			
2000	TJ	2120	C			
2121	HO	2220	C			
2221	MT	2329	C			

FAA Form 7230-10 (Electronic)

[illegible]

[illegible]

18-001-ZNY
SWA1380

[illegible]

FAA Form 7230-10 (Electronic)

18-001-ZNY
SWA1380

18-001-ZNY
SWA1380

[illegible]

[illegible]

FAA Form 7230-10 (Electronic)

18-001-ZNY
SWA1380

POSITION LOG						
Fac ID:	PHL	Log Date:		4/17/2018		
Pos ID:	OST	Pos Type:		SC		
TIME ON	Initials	TIME OFF	Code	Where Combined To:		
				Pos ID	Pos Type	
0400		1002		CICT	SC	
1003	AC	1026	S			
1027		1131		Closed		
1132	AC	1151	S			
1152	JM	1304	S			
1305		1349		AD	DI	
1350	JM	1556	S			
1557	AC	1725	S			
1726	JJ	1801	S			
1802	CB	1924	S			
1925	JJ	2024	S			
2025	CB	2159	S			
2200	JJ	2257	S			
2258	CB	0036	S			
0037		0359		AD	DI	

18-001-ZNY
SWA1380

POSITION LOG						
Fac ID:	PHL	Log Date:	4/17/2018			
Pos ID:	SD	Pos Type:	DR			
TIME ON	Initials	TIME OFF	Code	Where Combined To:		
				Pos ID	Pos Type	
0400		1147		ND	DR	
1148	SL	1228	C			
1229	BE	1302	C			
1303	SL	1404	C			
1405	DW	1434	C			
1435	LB	1448	C			
1449	DB	1601	C			
1602	SL	1657	C			
1658	DW	1744	C			
1745	SL	1818	C			
1819	NY	1919	C			
1920	CN	1950	C			
1951	AZ	2139	T			
1951	BB	2139	C			
2140	DB	2234	C			
2235	AZ	2344	T			
2235	BB	2344	C			
2345	NY	0019	C			
0020	PW	0122	C			
0123	GR	0124	C			

FAA Form 7230-10 (Electronic)

18-001-ZNY
SWA1380

[illegible]

POSITION LOG

Fac ID: PHL
Pos ID: SA
Log Date: 4/17/2018
Pos Type: AR

[illegible]

FAA Form 7230-10 (Electronic)

18-001-ZNY
SWA1380

18-001-ZNY
SWA1380

[illegible]

[illegible]

18-001-ZNY
SWA1380

18-001-ZNY
SWA1380

[illegible]

[illegible]

18-001-ZNY
SWA1380

18-001-ZNY
SWA1380

[illegible]

POSITION LOG

Log Date: 4/17/2018
Pos Type: CC

TIME	Initiale	TIME	Code	Where Combined To:
------	----------	------	------	--------------------

Pos Type	Pos ID	OFF	ON
GC	GCE	0359	0400

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[illegible]

FAA Form 7230-10 (Electronic)

18-001-ZNY
SWA1380

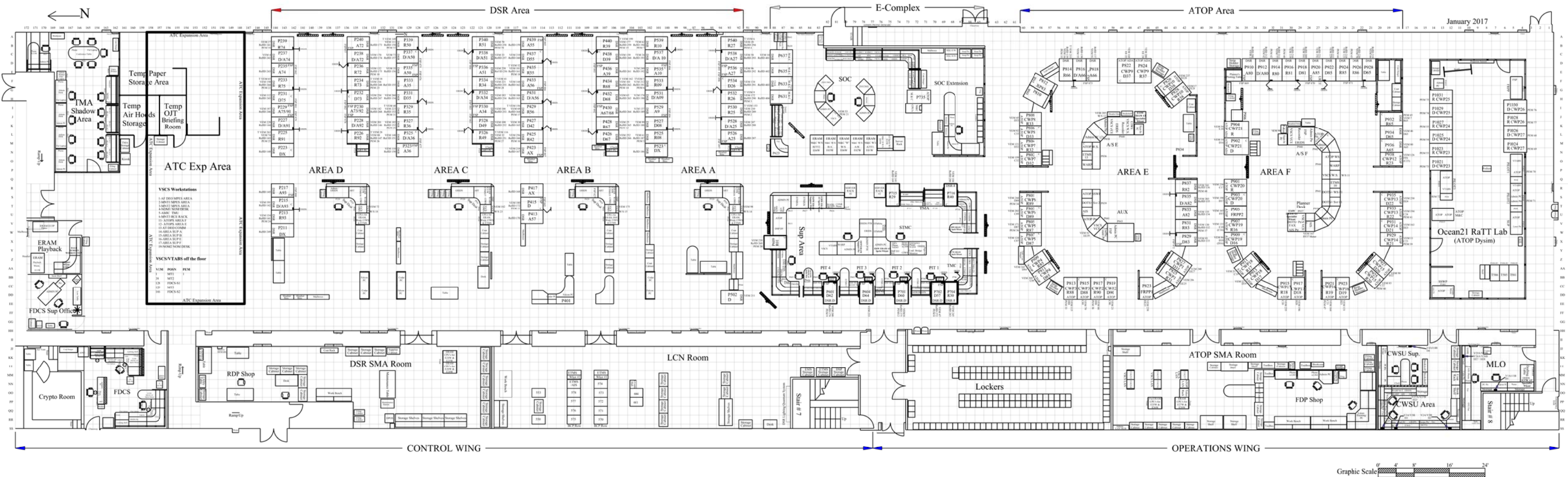
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FAA Form 7230-10 (Electronic)

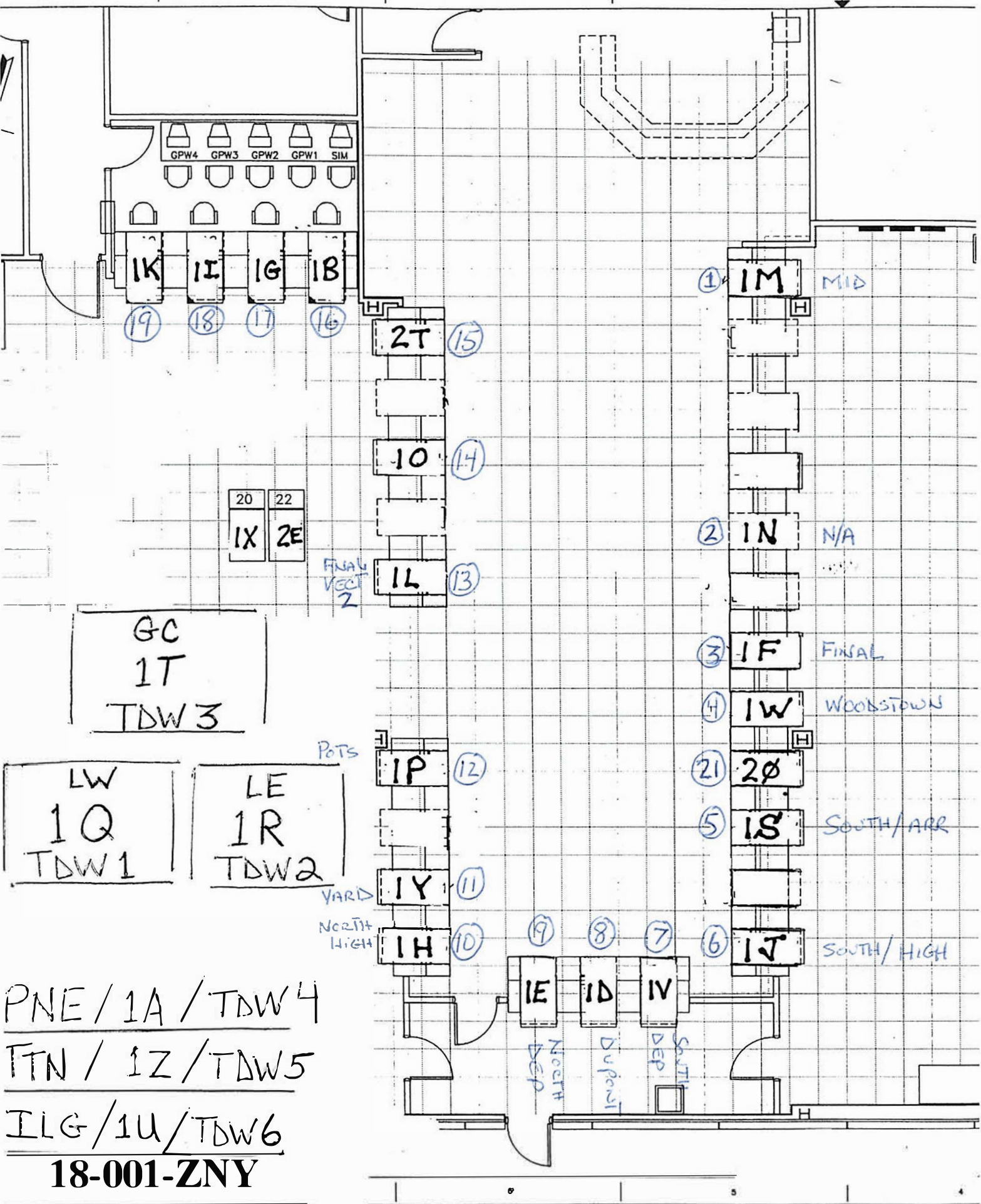
18-001-ZNY
SWA1380

SECTION 7.
Facility Layout Chart(s)

AIR TRAFFIC CONTROL ROOM AT THE NEW YORK ARTCC (ZNY)



18-001-ZNY
SWA1380

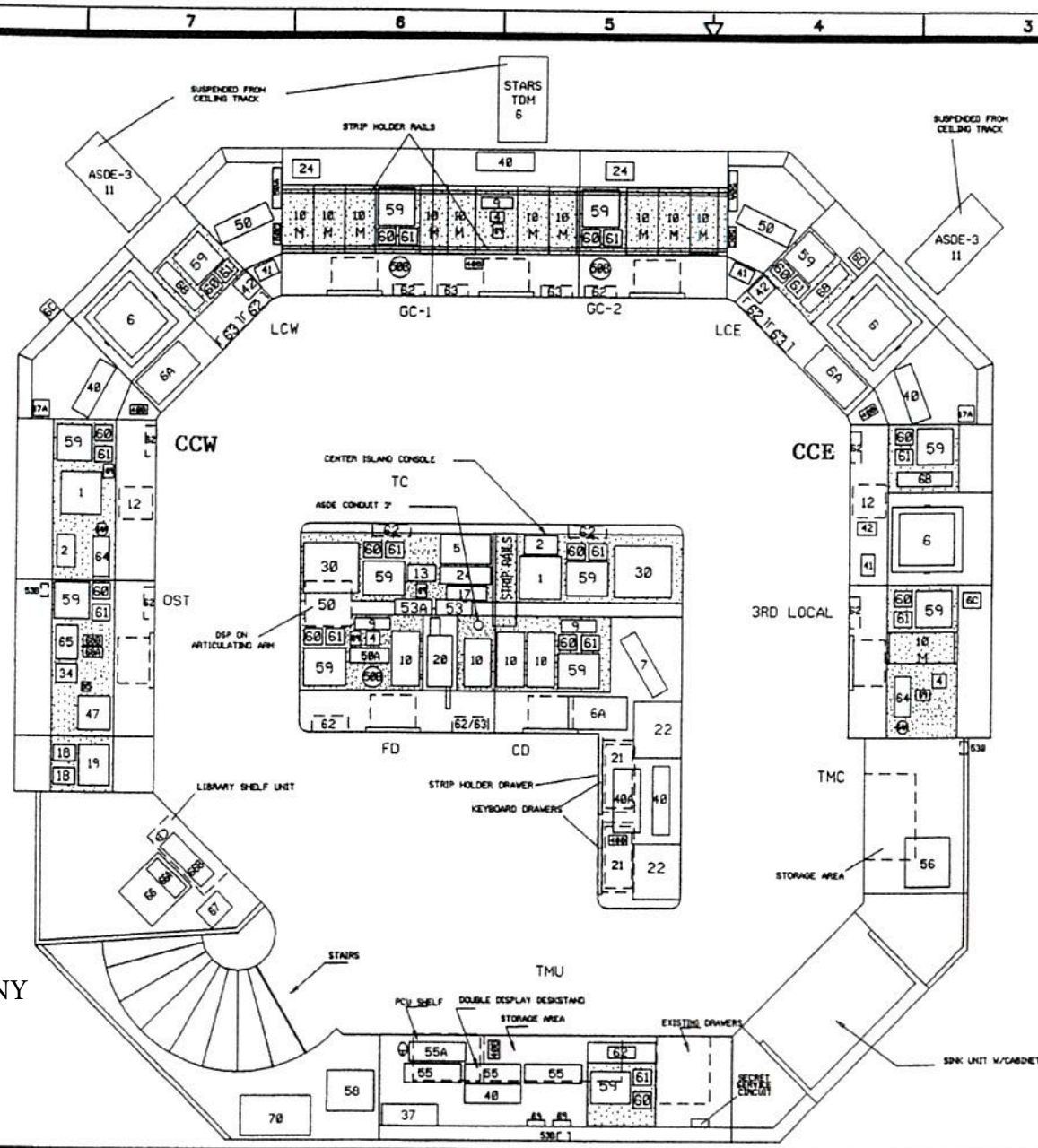


PNE / 1A / TDW4
FTN / 1Z / TDW5
ILG / 1U / TDW6
18-001-ZNY
SWA1380

THIS DRAWING PRODUCED ON THE EASTERN REGION MICROSTATION SYSTEM

18-001-ZNY
SWA1380

SCALE: 1" = 8'-0"
0 8' 32'



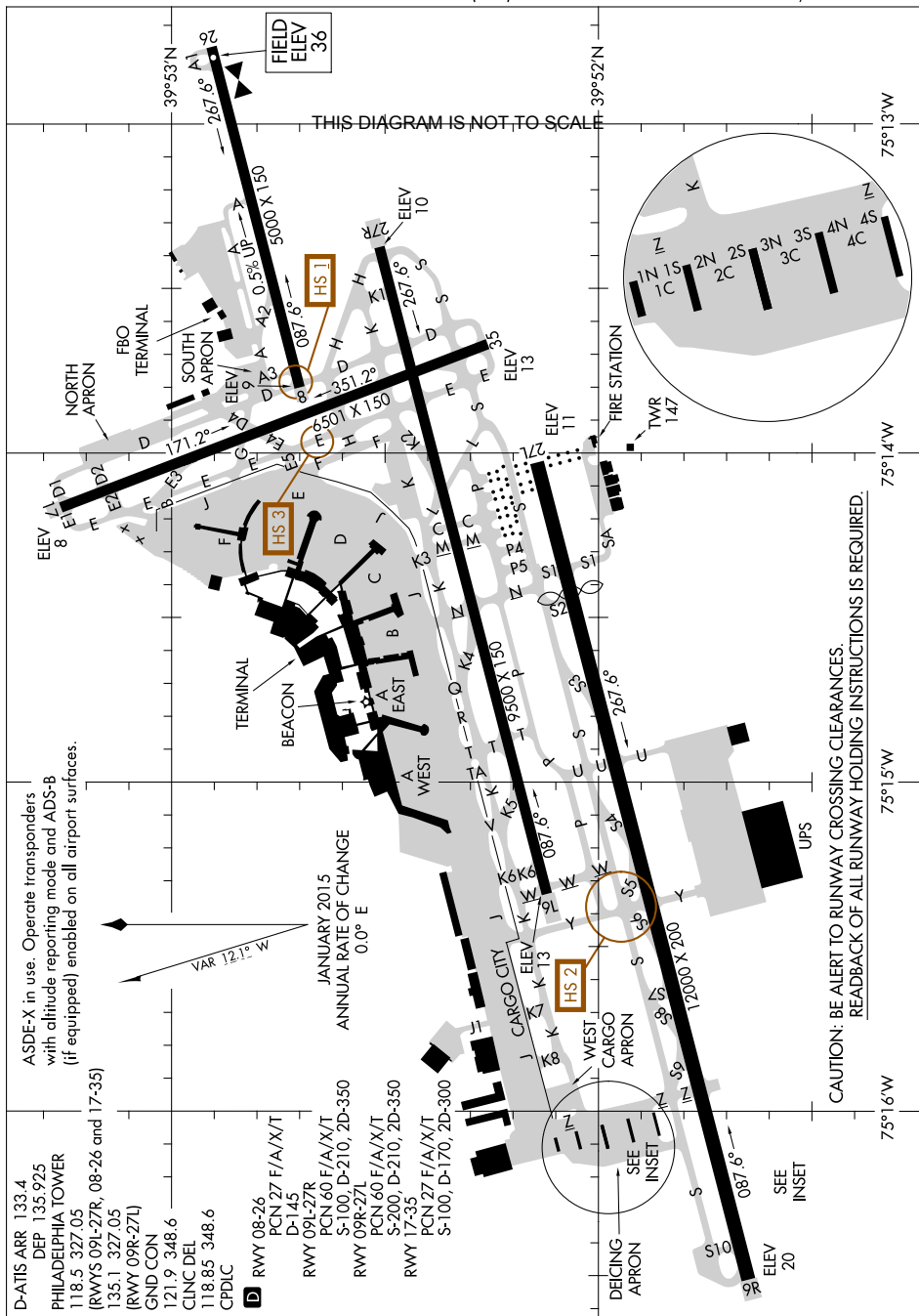
- EQUIPMENT LEGEND
- 1. LWR AND TOWER POSITION DISPLAY
 - 2. SW. CONTROL
 - 3. DIAL
 - 4. DIAL
 - 5. STARS TDM 6A DIGITAL CONTROL PANEL (DCP) KEYPACK, 6A DCP, 6C TAU
 - 6. STARS KEY
 - 7. DIGITAL CLOCK
 - 8. STRIP RAILS
 - 9. ASDE-3 II DISPLAY
 - 10. STRIP STORAGE
 - 11. AS. 6A KEY
 - 12. 6A KEY
 - 13. 6A KEY
 - 14. 6A KEY
 - 15. 6A KEY
 - 16. 6A KEY
 - 17. 6A KEY
 - 18. 6A KEY
 - 19. 6A KEY
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 - 68. 6A KEY
 - 69. 6A KEY
 - 70. 6A KEY

NOTES: 1. HATCHED AREA INDICATES ELEVATED EQUIPMENT

REVIEWED BY:	DATE:
PHL ATCTA REP.	
REVIEWED BY:	DATE:
PHL ADR TRAFFIC MGR	
APPROVED BY:	DATE:
AEA-SIS	

14	12/14/90	AS BUILT - TOWER CAB MOD PROJECT	TWJ	100
13	8/1/90	UPDATED - TOWER CAB MOD PROJECT	TWJ	100
12	6/2/90	TOWER CAB MOD INSTALLATION PROJECT	TWJ	100
11	2/29/90	AS BUILT	TWJ	100
REV	DATE	DESCRIPTION	BY	REVISION
PHILADELPHIA INTERNATIONAL AIRPORT CONTROL TOWER CAB EQUIPMENT LAYOUT				
PHILADELPHIA	DESIGNED BY: L. LYONS	APPROVED BY: C. ABRAMS	PA	
REVIEWED BY:	DATE:	APPROVED BY:	DATE:	
DESIGNED BY:	DATE:	APPROVED BY:	DATE:	
DRAWN BY:	DATE:	APPROVED BY:	DATE:	
CHECKED BY:	DATE:	APPROVED BY:	DATE:	
AEA-D-29350				

SECTION 8.
Airport Diagram



SECTION 9.

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

Flight Progress Strip(s)

FPS Philadelphia ATCT April 17, 2018 UTC

SWA1380	2656	A1511	IFR			
² C/B737/L	MXE 307/011					
71P 	PHL 296/028	KPHL				

SECTION 10.
Transcription of Voice Recording(s)



Federal Aviation Administration

Memorandum

Date: April 24, 2018
To: Aircraft Accident File 18-001-ZNY
From: New York Air Route Traffic Control Center
Subject: **INFORMATION**: Partial Transcript
Aircraft Accident, SWA1380
Lebanon, PA, April 17, 2018

This transcription covers the New York Air Route Traffic Control Center (ARTCC) 39 R position for the time period from April 17, 2018, 1421 UTC, to April 17, 2018, 1531 UTC.

I certify that the following is a true transcription of the recorded conversations pertaining to the subject Accident involving SWA1380.

[REDACTED]

kerry r lane
Support Specialist Quality Control
New York ARTCC

Agencies Making Transmissions	Abbreviations
SOUTHWEST AIRLINES CO. (SAN ANTONIO, TX), SWA1380	SWA1380
New York Center Sector 39 Radar	39 R

1421
(1422-1450)
1451

1451:56 SWA1380 center good morning southwest thirteen eighty one seven thousand

1452:00 39 R southwest thirteen eighty new york center climb and maintain flight level two four zero

1452:05 SWA1380 southwest thirteen eighty up to flight level two four zero
1453

1453:29 39 R southwest thirteen eighty amend altitude maintain flight level two two zero

18-001-ZNY
SWA1380

1453:33 SWA1380 stop now at two two zero southwest thirteen eighty
1454
1455
1456
1456:53 39 R southwest thirteen eighty climb and maintain flight level
two eight zero

1456:58 SWA1380 southwest thirteen eighty up to flight level two eight
zero
1457

1457:35 39 R southwest thirteen eighty climb and maintain flight level
three eight zero

1457:43 SWA1380 southwest thirteen eighty up to flight level three eight
zero
1458
1459
1500
1500:52 39 R southwest thirteen eighty contact new york center one
three three point four four seven

1500:57 SWA1380 southwest thirteen eighty three three four seven good day
1501
(1502-1530)
1531

End of Transcript



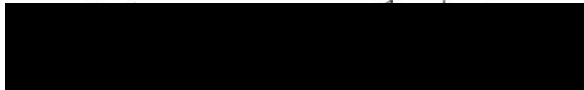
Federal Aviation Administration

Memorandum

Date: April 24, 2018
To: Aircraft Accident File 18-001-ZNY
From: New York Air Route Traffic Control Center
Subject: **INFORMATION**: Partial Transcript
Aircraft Accident, SWA1380
Lebanon, PA, April 17, 2018

This transcription covers the New York Air Route Traffic Control Center (ARTCC) 10 R position for the time period from April 17, 2018, 1431 UTC, to April 17, 2018, 1539 UTC.

I certify that the following is a true transcription of the recorded conversations pertaining to the subject Accident involving SWA1380.



kerry r lane
Support Specialist Quality Control
New York ARTCC

Agencies Making Transmissions	Abbreviations
SOUTHWEST AIRLINES CO. (SAN ANTONIO, TX), SWA1380	SWA1380
New York Center Sector 10 Radar	10 R
New York Center Sector 25 Radar	25 R

1431
(1432-1500)
1501

1501:33 SWA1380 center southwest thirteen eighty flight level three zero zero for three eight zero

1501:38 10 R southwest thirteen eighty new york hello
1502
1503

1503:58 10 R envoy thirty nine sixty nine climb and maintain flight level three four zero

1504

1504:21 10 R southwest thirteen eighty cleared direct vinse v i n s e
18-001-ZNY
SWA1380

1504:28 10 R ahh you know what you don't yeah you do go direct vinse v
i n s e

1504:29 10 R southwest thirteen eighty new york

1504:50 10 R southwest thirteen eighty if you're trying to get me all i
hear is static

1504:54 SWA1380 southwest thirteen eighty has an engine fire descending

1504:59 10 R southwest thirteen eighty uh are you you're descending
right now

1505 1505

1505:03 SWA1380 yes sir we're single engine descending have a fire in
number one

1505:07 10 R alright southwest thirteen eighty uh okay where would you
like to go to which airport

1505:12 SWA1380 give us a vector for your closest

1505:16 10 R um okay how about uh middletown airport just fly heading
two five zero

1505:21 SWA1380 okay heading two five zero we're looking at uh philly
(unintelligible)

1505:28 10 R southwest thirteen eighty roger and uh stand

1505:40 10 R seven one papa is uh an emergency descending single engine
gonna turn direct philly do you want to work him

1505:48 25 R uh yeah if he's going direct

1505:51 10 R okay

1505:52 10 R southwest thirteen eighty cleared direct to the uh

philadelphia airport via direct

1506:00 SWA1380 direct philadelphia direct southwest fourteen eighty

1506:29 10 R southwest thirteen eighty you do have traffic just below
you a seven thirty seven leaving sixteen and a half for
fourteen

1506:51 10 R southwest thirteen eighty new york

1506:54 SWA1380 southwest thirteen eighty go ahead

1506:56 10 R southwest thirteen eighty uh understand so there's a fire
you're single engine cause of fire
1507

1507:02 SWA1380 actually there's no fire but we are single engine

1507:09 10 R okay you are single engine now okay cleared direct to
philly and uh i guess just uh can you maintain one one
eleven thousand

1507:15 SWA1380 yes sir

1507:17 10 R okay southwest thirteen eighty descend and maintain one
one eleven thousand

1507:20 SWA1380 okay down to one one eleven thousand

1507:36 10 R southwest thirteen eighty just so i can understand you
said that you are still single engine and uh what else

1507:45 SWA1380 okay southwest thirteen (unintelligible) eighty we're
single engine that's it

1507:51 10 R okay single engine just maintain one one thousand do you
need anything standing by on the ground

Page 4 of 4

1507:55 SWA1380 yes if you would tell all the trucks that it's on the
engine number one captain's side

1508

1508:01 10 R okay thank you southwest thirteen eighty contact new york
center one tree five point four five

1508:06 SWA1380 three five four five good day

1509

(1510-1538)

1539

End of Transcript



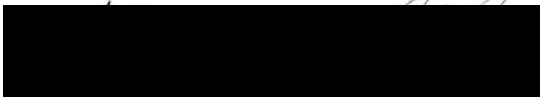
Federal Aviation Administration

Memorandum

Date: April 24, 2018
To: Aircraft Accident File 18-001-ZNY
From: New York Air Route Traffic Control Center
Subject: **INFORMATION**: Partial Transcript
Aircraft Accident, SWA1380
Lebanon, PA, April 17, 2018

This transcription covers the New York Air Route Traffic Control Center (ARTCC) 25 R position for the time period from April 17, 2018, 1438 UTC, to April 17, 2018, 1541 UTC.

I certify that the following is a true transcription of the recorded conversations pertaining to the subject Accident involving SWA1380.



kerry r lane
Support Specialist Quality Control
New York ARTCC

Agencies Making Transmissions

Abbreviations

SOUTHWEST AIRLINES CO. (SAN ANTONIO,
TX), SWA1380
New York Center Sector 25 Radar
Philadelphia Approach Control North
Departure

SWA1380

25 R

PHLN DEP

1438
(1439-1507)
1508

1508:13 SWA1380 center southwest thirteen eighty declaring an emergency
going through seventeen thousand need your local
altimeter

1508:19 25 R uh southwest thirteen eighty uh new york uh the baltimore
altimeter is uh two niner eight zero and you said you're
going to one one thousand

18-001-ZNY
SWA1380

1508:26 SWA1380 going down to one one thousand two nine eight zero

1508:31 25 R southwest thirteen eighty thank you

1508:34 SWA1380 all right southwest thirteen eighty ah one hundred forty
nine souls on board

1508:38 25 R i'm sorry how many souls on board and hours of fuel

1508:41 SWA1380 four niner

1508:43 25 R forty nine

1508:45 SWA1380 one hundred forty nine

1508:46 25 R okay thank you mam and how many hours of fuel you have

1508:52 SWA1380 three plus

1508:59 25 R hey departure fourteen line is eight thousand good on the
(unintelligible)

1509

1509:03 PHLN DEP give him eight that's fine

1509:04 25 R twenty four thirty five right

1509:05 PHLN DEP twenty four thirty five

1509:06 25 R alright i'll take the brickyard on like a two seventy
heading also

1509:08 PHLN DEP two seventy show it

1509:10 25 R southwest thirteen eighty descend and maintain eight
thousand

1509:12 SWA1380 southwest thirteen eighty down to eight thousand

1509:17 25 R southwest thirteen eighty you need all sorts of assistance
at the airport correct

1509:20 SWA1380 yes sir we would like ah a fire truck on the captain's
side please

1509:26 25 R fire truck on the captain's side thank you mam
1510

1510:08 25 R and southwest thirteen eighty is the engine on fire

1510:11 SWA1380 negative

1510:14 25 R southwest thirteen eighty contact philly approach one two
four point three five

1510:19 SWA1380 two four three five southwest thirteen eighty
1511
(1512-1540)
1541

End of Transcript



Federal Aviation Administration

Memorandum

Date: April 24, 2018
To: Aircraft Accident File 18-001-ZNY
From: New York Air Route Traffic Control Center
Subject: **INFORMATION:** Partial Transcript
Aircraft Accident, SWA1380
Lebanon, PA, April 17, 2018

This transcription covers the New York Air Route Traffic Control Center (ARTCC) 25 RA position for the time period from April 17, 2018, 1439 UTC, to April 17, 2018, 1540 UTC.

I certify that the following is a true transcription of the recorded conversations pertaining to the subject Accident involving SWA1380.

[REDACTED]

kerry r lane
Support Specialist Quality Control
New York ARTCC

Agencies Making Transmissions

Abbreviations

New York Center Sector 25 Radar
Associate
Philadelphia Approach Control North
Departure

25 RA

PHLN DEP

1439
(1440-1508)
1509

1509:30 25 RA hey departures

1509:35 25 RA departure modena

1509:37 PHLN DEP yeah what do you got

1509:38 25 RA southwest thirteen eighty they need fire trucks and
they'll be on the captain's side i guess there's a fire

18-001-ZNY
SWA1380

Page 2 of 2

there on the engine there on the captain's side

1509:45 PHLN DEP alright captain's side

1509:47 25 RA left side of the airplane

1509:48 PHLN DEP thank you

1509:49 25 RA eight thousand

1510

(1511-1539)

1540

End of Transcript



Federal Aviation Administration

Memorandum

Date: May 02, 2018
To: Aircraft Accident File 18-001-ZNY
From: Philadelphia Airport Traffic Control Tower
Subject: **INFORMATION**: Partial Transcript
Aircraft Accident, SWA1380
Lebanon, PA, April 17, 2018

This transcription covers the Philadelphia Airport Traffic Control Tower (ATCT) ND DR position for the time period from April 17, 2018, 1436 UTC, to April 17, 2018, 1545 UTC.

I certify that the following is a true transcription of the recorded conversations pertaining to the subject Accident involving SWA1380.

[REDACTED]
Sharon M Colvin
Quality Control Staff Specialist
Philadelphia ATCT

Agencies Making Transmissions	Abbreviations
New York Center	ZNY
North Departure position	ND
Local Control West	LCW
Yardley position	ARD
SOUTHWEST AIRLINES CO. (SAN ANTONIO, TX), SWA1380	SWA1380
North Arrival position	NA

1436
(1437-1505)

1506
1506:10 ZNY fourteen

1506:11 ND yes sir

1506:14 ZNY i got a single engine southwest thirteen eighty going
direct into philly he's an emergency you wanna just stop

18-001-ZNY
SWA1380

the departures after the u p s

1506:21 ND stop all departures uh modena and stoen

1506:22 ZNY well he's gonna go he's gonna go right in over modena so i don't what uh what uh altitude you would like him at

1506:28 ND um like eight would be good somewhere around there

1506:32 ZNY eight thousand

1506:33 ND yeah

1506:33 ZNY alright i'm not talking to him yet but uh i'll take the u p s and i'll let you know as soon as i talk to him (unintelligible) what he wants

1506:39 ND there's another one right there behind him i can stop em after that if you need me to

1506:42 ZNY alright yeah that's fine i'll take him

1506:43 ND alright

1506:53 ND hey local west

1506:54 LCW hey whoever this is

1506:56 ND stop north departures please we got an emergency coming in

1506:59 LCW stop north departures check
1507

1507:09 ND alright

1507:28 ZNY hey departure fourteen modena

1507:31 ND yeah go ahead

1507:31 ZNY i'll take the u p s on a uh two seven zero heading

1507:34 ND two seven zero climbing to twelve

1507:35 ZNY uh yeah that's fine

1507:36 ND alright

1507:45 ARD that's the guy west of tragg southwest thirteen eighty
coming back as an emergency there he's at one eight oh
1508

1508:59 ZNY hey departure fourteen modena eight thousand's good on the
southwest
1509

1509:02 ND yeah keep him going down to eight that's fine

1509:03 ZNY twenty four thirty five right

1509:04 ND uh twenty four thirty five alright

1509:05 ZNY alright i'll take brickyard on a a two seventy heading
also

1509:08 ND two seventy show it

1509:47 SWA1380 (unintelligible) eight thousand

1509:49 ND southwest thirteen eighty philadelphia approach roger
descend and maintain seven thousand
1510

1510:09 ND southwest thirteen eighty descend and maintain seven
thousand

1510:56 ND hey modena switch that southwest thirteen eighty

1510:59 ZNY uh he should be on you twenty four thirty five right
1511

1511:01 ND alright

1511:02 ND southwest thirteen eighty philly

1511:04 SWA1380 go ahead

1511:05 ND southwest thirteen eighty you're descending to descend and
maintain six thousand

1511:10 SWA1380 southwest thirteen eighty down to six thousand

1511:13 ND and when you get a chance i need ah fuel remaining and
souls on board

1511:16 SWA1380 okay one hundred and forty nine souls on board five hours
of fuel

1511:23 ND thank you very much

1511:24 SWA1380 roger

1511:37 ND southwest thirteen eighty fly heading zero niner zero
please

1511:40 SWA1380 heading zero niner zero southwest thirteen eighty

1511:53 ND southwest thirteen eighty can i get the fuel in pounds and
the exact nature of the emergency please

1511:59 SWA1380 engine ah engine severe damage engine failure and exact
pounds of fuel six seventeen twenty one thousand
1512

1512:13 ND thank you
1513

1513:13 NA yo

1513:14 ND i'm gonna take him down to four thousand and put him on a
ninety heading southwest thirteen eighty

1513:17 NA yeah

1513:18 ND alright

1513:19 ND southwest (unintelligible) thirteen eighty fly heading
zero niner zero descend and maintain four thousand

1513:26 SWA1380 four thousand heading zero nine zero southwest thirteen
eighty

1513:44 ND and southwest thirteen eighty you gonna go right in or do
you need an extended final

1513:48 SWA1380 extended final

1513:50 ND thank you

1513:51 NA yo

1513:52 ND she said she needs an extended final

1513:54 NA okay

1513:54 ND southwest thirteen eighty here she comes
1514

1514:02 ND southwest thirteen eighty contact approach now on one two
eight point four

1514:07 SWA1380 southwest thirteen eighty

1514:12 ZNY hey departure modena fourteen ah modena can you just give
use a call with a down time

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1514:16 ND sure will

1514:17 ZNY thank you

1515

(1516-1544)

1545

End of Transcript



Federal Aviation Administration

Memorandum

Date: May 02, 2018
To: Aircraft Accident File 18-001-ZNY
From: Philadelphia Airport Traffic Control Tower
Subject: **INFORMATION**: Partial Transcript
Aircraft Accident, SWA1380
Lebanon, PA, April 17, 2018

This transcription covers the Philadelphia Airport Traffic Control Tower (ATCT) NA AR position for the time period from April 17, 2018, 1437 UTC, to April 17, 2018, 1548 UTC.

I certify that the following is a true transcription of the recorded conversations pertaining to the subject Accident involving SWA1380.

[REDACTED]
Sharon M Colvin
Quality Control Staff Specialist
Philadelphia ATCT

Agencies Making Transmissions

Abbreviations

Yardley position	ARD
North Arrival position	NA
SOUTHWEST AIRLINES CO. (SAN ANTONIO, TX), SWA1380	SWA1380
Local Control East position	LCE

1437
(1438-1506)
1507

1507:45 ARD watch the guy west of tragg southwest thirteen eighty coming back as an emergency there he's at one eight oh

1507:53 NA okay oh yeah yeah yeah i see him
1508
(1509-1513)
1514

1514:10 SWA1380 one two we need a single channel no more channel switching

18-001-ZNY
SWA1380

1514:14 NA southwest thirteen eighty you're on approach frequency one two eight point four you're where you should be maintain four thousand and ah do you need any further assistance from me what type of final do you want i heard short or long

1514:23 SWA1380 yeah we're gonna need a long final

1514:25 NA okay i'm gonna let you drive until you tell me you wanna turn base okay so ah that will be at least a twenty five mile final longer than that i'll have to do some coordination but that will be fine i'll get that done for you

1514:25 NA you let me know when you want to come in

1514:37 SWA1380 okay twenty is good and ah we may need shorter here in a moment tell me the runway we are setting up for

1514:43 NA you're gonna set up for two

1514:47 SWA1380 say again

1514:49 NA southwest thirteen eighty you'll be landing two seven left two seven left today and ah you just let me know when you need to turn base ah i ah right now i only have one person in front of you which is a southwest

1514:49 NA and i'm sure he'll pull off if you need to go right in
1515

1515:09 SWA1380 okay

1515:22 NA southwest thirteen eighty thirteen eighty i got a fourteen fifty eight on frequency i just cleared him for the approach southwest thirteen eighty i understand you're an emergency let me know when you want to go in

1515:28 SWA1380 yeah we have part of the aircraft missing so we're going to need to slow down a bit

1515:34 NA southwest thirteen eighty speed is your discretion
maintain ah at any altitude above three thousand feet and
you let me know when you want to turn base

1515:43 SWA1380 alright down to three thousand two ten on the speed

1515:47 NA absolutely you just let me know anything you need
1516

1516:31 SWA1380 southwest thirteen eighty'd like to turn start turning
inbound

1516:41 NA cancel that southwest and put him southbound right now
please i'm turning southwest thirteen eighty in

1516:45 LCE alright

1516:46 NA southwest thirteen eighty turn ah just start turning
southbound there there's a southwest seven three seven on
a four mile final will be turning southbound start
looking for the airport it's off your right and slightly
behind ya there and ah altitude is your

1516:46 NA discretion use caution for the ah downtown area ah
maintain ah advise you maintain at or above two thousand
two hundred for a the m v a
1517

1517:03 SWA1380 okay could you have the ah medical meet us there on the
runway as well we've got injured passengers

1517:11 NA injured passengers okay and ah you is your airplane
physically on fire

1517:15 SWA1380 no it's not on fire but part of it's missing

1517:22 SWA1380 they said there's a hole and ah someone went out

1517:27 NA um i'm sorry you said there was a hole and somebody went
out

1517:32 NA southwest thirteen eighty it doesn't matter we'll work it out there ah so the airport's just off to your right report it in sight please

1517:37 SWA1380 in sight southwest thirteen eighty airport's in sight

1517:40 NA southwest thirteen eighty you're cleared visual approach two seven right contact the tower on one one eight point five

1517:46 NA southwest thirteen eighty i'm sorry cleared visual approach two seven left two seven left and tower's on eighteen five

1517:50 SWA1380 we're going on two seven left switching to tower good day
1518
(1519-1547)
1548

End of Transcript



Federal Aviation Administration

Memorandum

Date: May 02, 2018
To: Aircraft Accident File 18-001-ZNY
From: Philadelphia Airport Traffic Control Tower
Subject: **INFORMATION**: Partial Transcript
Aircraft Accident, SWA1380
Lebanon, PA, April 17, 2018

This transcription covers the Philadelphia Airport Traffic Control Tower (ATCT) LE LC position for the time period from April 17, 2018, 1448 UTC, to April 17, 2018, 1553 UTC.

I certify that the following is a true transcription of the recorded conversations pertaining to the subject Accident involving SWA1380.


Sharon M Colvin
Quality Control Staff Specialist
Philadelphia ATCT

Agencies Making Transmissions	Abbreviations
SOUTHWEST AIRLINES CO. (SAN ANTONIO, TX), SWA1380	SWA1380
Local Control East	LCE

1448
(1449-1517)

1518
1518:45 SWA1380 and a tower southwest uh thirteen eighty landing on uh two seven right

1518:53 LCE southwest thirteen eighty you wanna land two seven right

1518:57 SWA1380 two seven left i'm sorry two seven

1518:59 LCE southwest thirteen eighty runway two seven left cleared to land wind two eight zero at one nine gust two five

18-001-ZNY
SWA1380

1519

1519:06 SWA1380 two seven left cleared to land uh southwest thirteen
eighty

1520

1521

1521:17 LCE southwest thirteen eighty right turn when you're able you
wanna stop wherever you need to it's fine

1521:23 SWA1380 thanks (unintelligible) we're gonna stop right here by the
uh fire truck thanks guys for the help

1522

1522:13 SWA1380 do you have a frequency for the fire chief

1522:16 LCE southwest thirteen eighty if you go over to one three five
point one they will be there

1522:21 SWA1380 one three five one

1523

(1524-1552)

1553

End of Transcript



Federal Aviation Administration

Memorandum

Date: May 02, 2018
To: Aircraft Accident File 18-001-ZNY
From: Philadelphia Airport Traffic Control Tower
Subject: **INFORMATION**: Partial Transcript
Aircraft Accident, SWA1380
Lebanon, PA, April 17, 2018

This transcription covers the Philadelphia Airport Traffic Control Tower (ATCT) LW LC position for the time period from April 17, 2018, 1452 UTC, to April 17, 2018, 1559 UTC.

I certify that the following is a true transcription of the recorded conversations pertaining to the subject Accident involving SWA1380.

[REDACTED]
Sharon M Colvin
Quality Control Staff Specialist
Philadelphia ATCT

Agencies Making Transmissions

Abbreviations

Foxtrot 21
Local Control West
SOUTHWEST AIRLINES CO. (SAN ANTONIO,
TX), SWA1380

F21
LCW
SWA1380

1452
(1453-1521)

1522
1522:15 F21 philly (unintelligible) foxtrot twenty one

1522:17 LCW foxtrot twenty one tower

1522:20 F21 um i need to talk to the pilot

1522:24 LCW foxtrot twenty one go to tower one one ah correction he's coming over to my frequency now

18-001-ZNY
SWA1380

1522:28 SWA1380 this is captain (unintelligible) seven seven two

1522:33 LCW foxtrot twenty one that's the captain there go ahead

1522:35 SWA1380 yes sir (unintelligible) captain's side is where we had the damage and that's the engine that went out

1522:42 F21 uh yeah we're we're we're (unintelligible) ah is there any injuries inside the aircraft itself and also we have no signs of any smoke or fire from outside right now

1522:55 SWA1380 okay we do have injured inside so as soon as ah we can get those taken care of it would be great

1523

1523:11 F21 ah we're gonna get you back to the gate but first we want to make sure (unintelligible)

1523:26 SWA1380 uh we're putting we're putting our flaps down in case because we've been have some smoke initially up here

1524

1524:12 F21 foxtrot twenty one (unintelligible) command to (unintelligible) seven three seven southwest

1524:30 F21 philly tower foxtrot twenty one

1524:31 LCW foxtrot twenty one tower

1524:34 F21 can we talk to the pilot again

1524:40 SWA1380 go ahead for southwest thirteen eighty

1524:45 SWA1380 southwest thirteen eighty is up on thirty five one

1524:51 LCW foxtrot twenty one that's the pilot there go ahead

1524:55 F21 ah how many injuries do you have on the aircraft

1524:58 SWA1380 we tried to we're trying to figure that out right now
1525

1525:20 F21 (unintelligible) we're gonna have (unintelligible) come
over four eight and we're gonna deplane the uh and have
some paramedics come on and take away some patients

1525:36 F21 pilot copy that information

1525:38 SWA1380 say again for the pilot

1525:39 F21 truck coming over and we're gonna board the plane and take
a look at the passengers (unintelligible)

1525:46 SWA1380 uh board on the (unintelligible) left hand side

1525:55 F21 are we able to board on the are one
1526

1526:02 SWA1380 we can if you need that yes
1527

1527:25 LCW everybody waiting to depart runway two seven left we have
an emergency in progress going to be ten fifteen minutes
stand by

1527:59 SWA1380 and this is uh thirteen eighty we need e m s on board is
there a way to get them up here
1528

1528:11 LCW foxtrot twenty one did you copy that

1528:24 F21 foxtrot twenty one

1528:25 LCW yeah they wanna know if they can get e m s on the aircraft

1528:39 F21 we are in the process of bringing e m s on
1529
(1530-1558)
1559

End of Transcript

SECTION 11.

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

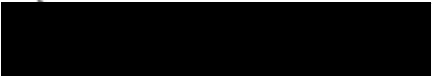


Federal Aviation Administration

Memorandum

Date: May 1, 2018

To: Accident file for 18-001-ZNY

From:  Dana Rose-Kelly, Air Traffic Manager, Philadelphia ATCT/TRACON, ENG-PHL

Subject: Aircraft Accident Package: 18-001-ZNY
FAA Form 8020-3
SWA1380 on April 17, 2018

I certify that Philadelphia Approach does not have FAA Form 8020-3 on file pertaining to the aircraft accident involving SWA1380 on April 17, 2018. This is due to considering the flight an inbound emergency from another facility.

18-001-ZNY
SWA1380

SECTION 12.
Weather Products

New York ARTCC

Weather Products 4/17/2018 UTC

METAR KRDG 171454Z 26016G21KT 10SM BKN037 OVC085 06/M02 A2971 RMK AO2 SLP068
T00611022 58000

METAR KRDG 171554Z 26012G22KT 10SM SCT045 BKN055 OVC070 06/M02 A2972 RMK AO2
SLP070 T00611022

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


kerry r lane
Support Specialist Quality Control
New York ARTCC

18-001-ZNY
SWA1380

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)

18-001-ZNY

SWA1380