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Description of document: Records pertaining to the 9/11 Commission and any investigations and interactions between the Federal Aviation Administration (FAA), and the Northeast Air Defense Sector (NEADS) and the North American Aerospace Defense Command (NORAD), 2001-2005

Requested date: 06-July-2011

Released date: 30-December-2011

Posted date: 14-May-2012

Source of document: US Department of Transportation
Office of the Inspector General
FOIA Requester Service Center
1200 New Jersey Avenue, S.E., 7th Floor
Washington, DC 20590
Fax: 202-366-1975
[Online FOIA form](#)

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U.S. Department
of Transportation

**Federal Aviation
Administration**

DEC 30 2011

Mission Support Services
800 Independence Avenue, SW.
Washington, DC 20591

RE: Freedom of Information Act (FOIA 2012-2153)

This responds to your July 6, 2011 FOIA request to the Department of Transportation's Office of Inspector General (OIG), which they identified as FI-2012-0005. Your request sought records pertaining to the 9/11 Commission and any investigations; and interactions between the FAA, and NEADS and NORAD.

While processing your request, the OIG identified 255 pages of FAA records, which were forwarded to us for review. Based on our review, the enclosed records can be released in their entirety.

If you owe fees for the processing of this request, an invoice containing the amount due and payment instructions will be enclosed with this letter.

Sincerely,

Carol A. Might
Director, Mission Support Services Litigation Liaison Office
Air Traffic Organization

Enclosure

SEPTEMBER 11 PROJECT--INVENTORY OF DOCUMENTATION

FACILITY NAME: Boston ARTCC
COMPLETED BY: Karen Goff, Quality Assurance Technician
(603) 879-8807
DATE: December 23, 2004

DOCUMENT TYPE AND NUMBER (IF APPLICABLE)	DESCRIPTOR (SUBJECT/TITLE/ LOCAL LABEL/SECTOR/ETC.)	DATE	COPY OR ORIGINAL	AT OR AF DOCUMENT	FLIGHT IDENTIFICATION	AUTHOR(S) NAME AND TITLE	NUMBER OF PAGES	GIVEN TO BY/1 COMM.	MISC.
Accident Package	Aircraft Accident Package ZBW-ARTCC-146, AAL11.	9/11/2001	ORIGINAL	AT	AAL11	N/A	311	Y	FedEx to HQ, 09/21/04 ATTN: Jeff Myers
#1 Preliminary Transcript	Preliminary Transcript, Boston ARTCC 48 Radar position dated 9/11/01.	9/11/2001	ORIGINAL	AT	AAL11		8	Y	
#2 Preliminary Partial Transcript	Preliminary Partial Transcript, Boston ARTCC TMLU Severe Weather position dated 9/15/01.	9/15/2001	ORIGINAL	AT	AAL11	Rusty Baird, QA Support Specialist	11	Y	
#3 Preliminary Partial Transcript	Preliminary Partial Transcript, Boston ARTCC 47 Radar position dated 9/20/01.	9/20/2001	COPY	AT	AAL11	Rusty Baird, QA Support Specialist	2	Y	
#4 Radar ViewPoint	Radar ViewPoint Plot of AAL11 dated 9/11/01.	9/11/2001	COPY	AT	AAL11	N/A	23	Y	
#5 RDP Track Report	RDP Track Report for AAL11 dated 9/11/01.	9/11/2001	COPY	AT	AAL11	N/A	2	Y	
#6 General Information (GI's) Notices	General Information (GI's) notices dated 9/11/01.	9/11/2001	COPY	AT	N/A	N/A	2	Y	
#7 FAA Form 8020-9, Aircraft Accident Preliminary Notice	FAA Form 8020-9, Aircraft Accident Preliminary Notice.	9/11/2001	ORIGINAL	AT	AAL11	N/A	2	Y	
#8 Sign-In/Sign-out Printout	Sign-In/Sign-out Printout for 9/11/01.	9/11/2001	COPY	AT	AAL11	N/A	22	Y	
#9 Telephone Selection Detail Report	Telephone Selection Detail Report for 9/11/01.	9/11/2001	COPY	AT	AAL11	N/A	2	Y	
#10 ATCSCC position 15, Area East Log	ATCSCC position 15, Area East Log dated 9/11/01.	9/11/2001	COPY	AT	AAL11	N/A	12	Y	
#11 METAR Weather Reports	METAR Weather Reports from 9/11/01 for Newark, La Guardia, and Kennedy.	9/11/2001	COPY	AT	AAL11	N/A	6	Y	
#12 Chain Of Custody Document	Chain Of Custody document for ZBW/FBI dated 9/11/01.	9/11/2001	ORIGINAL	AT	AAL11	Robert Jones, QA Support Specialist	1	Y	
#13 Record of data released from ZBW reference AAL11 and UAL175	Record of data released from ZBW reference AAL11 and UAL175.	11-10/18/200	ORIGINAL	AT	AAL11/UAL175	R. Baird, R. Jones, K. Goff	4	Y	
#14 Fax Transmittal, Fax Receipt Confirmation, Email Communications	Fax Transmittal (5 total), Fax Receipt Confirmation pages (3 total), and email communications (2 total), dated 9/11-15/01.	9/11/2001	ORIGINAL	AT	AAL11/UAL175	Rusty Baird, QA Support Specialist	10	Y	
#15 Quality Assurance Bulletins	Quality Assurance Bulletins, dated 9/17/01 and 9/20/01.	9/17/2001	ORIGINAL	AT	AAL11	Rusty Baird, QA Support Specialist	4	Y	
#16 Chain of Custody Document	Chain of Custody document for ZBW/FBI dated 9/17/01.	9/17/2001	ORIGINAL	AT	AAL11/UAL175	Robert Jones, QA Support Specialist	2	Y	
#17 Email	Email dated 9/17/01 entitled Action Items Remaining Open.	9/17/2001	COPY	AT	AAL11/UAL175	Tom Benson	2	Y	
#18 Fax Receipt Confirmation attached NATCA document	Fax Receipt Confirmation page dated 9/17/01 with attached NATCA document.	9/17/2001	COPY	AT	AAL11	N/A	2	Y	
#19 Email	Email dated 9/17/01 listing involved personnel.	9/17/2001	COPY	AT	AAL11/UAL175	Robert Jones, QA Support Specialist	2	Y	
#20 Fax Transmittal and Email	Fax Transmittal and email dated 9/19/01 regarding ZBW MOS partial transcript.	9/19/2001	ORIGINAL	AT	AAL11	Rusty Baird, QA Support Specialist	3	Y	
#21 Fax Transmittal	Fax Transmittal dated 9/20/01 regarding transcripts and personnel statement.	9/20/2001	ORIGINAL	AT	AAL11	Rusty Baird, QA Support Specialist	4	Y	
#22 Email	Email dated 9/21/01 regarding NTAP's and DART's.	9/21/2001	COPY	AT	AAL11/UAL175	Rusty Baird, QA Support Specialist	2	Y	
#23 Email	Email dated 9/21/01 regarding NTSB request for NTAP and DART.	9/21/2001	COPY	AT	AAL11/UAL175	Kenneth Acker	2	Y	
#24 Memorandum and FedEx Airbill	Memorandum and FedEx Airbill dated 9/26/01 regarding certified re-recordings.	9/26/2001	COPY	AT	AAL11	Rusty Baird, QA Support Specialist	2	Y	
#25 Email	Email dated 9/26/01 regarding FBI request for certified re-recordings.	9/26/2001	COPY	AT	AAL11/UAL175	Tom Benson	9	Y	
#26 Email	Email 9/26/01 regarding FBI request for certified re-recordings.	9/26/2001	COPY	AT	AAL11/UAL175	Rusty Baird, QA Support Specialist	2	Y	
#27 Route Slip and FedEx Airbill	Route Slip dated 10/2/01 and FedEx Airbill regarding certified re-recordings.	10/2/2001	COPY	AT	AAL11	Karen Goff, QA Technician	2	Y	
#28 Route Slip and FedEx Airbill	Route Slip dated 10/3/01 and FedEx Airbill regarding certified re-recordings.	10/3/2001	COPY	AT	AAL11	Karen Goff, QA Technician	2	Y	
#29 Email	Email dated 10/4/01 regarding FOIA requests.	10/4/2001	COPY	AT	AAL11/UAL175	Kenneth Acker	1	Y	
#30 Email	Email dated 10/9/01 regarding NTSB & FBI Request.	10/9/2001	COPY	AT	N/A	Bob Locke	9	Y	
#31 Email	Email dated 10/16/01 regarding preparation of accident packages.	10/16/2001	COPY	AT	N/A	Bob Locke	2	Y	

DOCUMENT TYPE AND NUMBER (IF APPLICABLE)	DESCRIPTOR (SUBJECT/TITLE/ /LOCALE/LABEL/SECTION/ETC.)	DATE	COPY OR ORIGINAL	AT OR AF DOCUMENT	FLIGHT IDENTIFICATION	AUTHOR(S) NAME AND TITLE	NUMBER OF PAGES	GIVEN TO 9/11 COMM.	MISC.
#32 Chain of Custody Document	Chain of Custody document for ZBW/FBI dated 10/18/01.	10/18/2001	ORIGINAL	AT	AAL11/UAL175	Robert Jones, QA Support Specialist	2	Y	
#33 Email	Email dated 11/20/01 regarding security of accident packages.	11/20/2001	COPY	AT	N/A	Judge Coles	1	Y	
#34 Personnel Statement Tracking Sheet	Personnel Statement Tracking Sheet dated 12/18/01.	12/18/2001	ORIGINAL	AT	AAL11	N/A	2	Y	
#35 Memorandum	Memorandum dated 1/31/02 regarding ZNY accident file.	1/31/2002	COPY	AT	UAL175	Robert Jones, QA Support Specialist	1	Y	
#36 Email	Email dated 2/11/02 requesting copies of transcripts.	2/11/2002	COPY	AT	AAL11	Bob Locke	6	Y	
#37 Email	Email dated 4/15/02 regarding retention of documents.	4/15/2002	COPY	AT	N/A	Glenn Michael	1	Y	
#38 Email	Email dated 4/30/02 regarding release of the accident package.	4/30/2002	COPY	AT	N/A	Bob Locke	2	Y	
#39 Memorandum and Route Slip	Memorandum and Route Slip dated 5/3/02 regarding security of accident packages.	5/3/2002	COPY	AT	AAL11/UAL175	Rusty Baird, QA Support Specialist	7	Y	
#40 Fax Transmittal	Fax Transmittal dated 8/28/02 regarding Quality Assurance Bulletin dated 9/20/01 and FAA Form 8028-8 dated 9/21/01.	8/28/2002	ORIGINAL	AT	AAL11/UAL175	Rusty Baird, QA Support Specialist	1	Y	
#41 Email	Email dated 11/7/02 regarding inventory of AAL11 Accident File.	11/7/2002	COPY	AT	AAL11	Terry Biggio	4	Y	
#42 Route Slip	Route Slip dated 3/10/03 regarding SAR tapes from 9/11/01.	3/10/2003	ORIGINAL	AT	N/A	Rusty Baird, QA Support Specialist	4	Y	
#43 Memorandum	Memorandum dated 7/10/03 regarding transcripts requested by the National Commission on Terrorist Activities Upon the United States.	7/10/2003	COPY	AT	AAL11/UAL175	Rusty Baird, QA Support Specialist	4	Y	
#44 Memorandum	Memorandum dated 9/4/03 regarding a certified re-recording of Boston ARTCC Sector 18 requested by the National Commission on Terrorist Activities Upon the United States.	9/4/2003	COPY	AT	N/A	Rusty Baird, QA Support Specialist	3	Y	
#45 Fax Transmittal	Fax Transmittal dated 9/9/03 regarding a list of operational personnel working on September 11, 2001 at Boston ARTCC.	9/9/2003	COPY	AT	AAL11/UAL175	Rusty Baird, QA Support Specialist	1	Y	
#46 Fax Transmittal	Fax Transmittal dated 9/25/03 regarding Quality Assurance Bulletin provided to the National Commission on Terrorist Activities Upon the United States.	9/25/2003	COPY	AT	N/A	Rusty Baird, QA Support Specialist	1	Y	
#47 Memorandum	Memorandum dated 9/25/03 regarding inventory of AAL11 Accident File.	9/25/2003	ORIGINAL	AT	AAL11	Rusty Baird, QA Support Specialist	4	Y	
#48 Memorandum	Memorandum dated 9/29/03 regarding documents released to the National Commission on Terrorist Activities Upon the United States on 9/24/03.	9/29/2003	ORIGINAL	AT	AAL11	Rusty Baird, QA Support Specialist	7	Y	
#49 Route Slip	Route Slip dated 10/8/03 regarding transcripts from Boston ARTCC 18 Radar requested by the National Commission on Terrorist Activities Upon the United States.	10/8/2003	ORIGINAL	AT	N/A	Karen Goff, QA Technician	29	Y	
#50 Document	Document dated 10/8/03 listing individuals that accessed information regarding 9/11/01.	10/8/2003	COPY	AT	N/A	N/A	1	Y	
#51 Memorandum	#51 Memorandum dated 10/8/03 regarding Headquarters request for copies of all documents pertaining to 9/11/01.	10/8/2003	COPY	AT	N/A	Rusty Baird, QA Support Specialist	6	Y	
#52 Personnel Logs	Boston ARTCC personnel logs for 9/11/01.	9/11/2001	COPY	AT	N/A	N/A	24	Y	
CD	DART, NTAP, Flight Data	9/11/2001	COPY	AT				Y	
HOST Systems Analysis and Recording Tape (SAR)	ACES Output File	11/19/2001	COPY	AT				Y	
Zip Disk	ZBW-ARTCC-148	9/11/2001	COPY	AT				Y	
Information from the Boston ARTCC Flight Data Unit for 9/11-13/01.	Information from the Boston ARTCC Flight Data Unit for 9/11-13/01.						853	Y	
Boston ARTCC Security Gate Logs for June, July, August and September 2001.	Boston ARTCC Security Gate Logs for June, July, August and September 2001.						273	Y	
#1 Preliminary Partial Transcript	Preliminary Partial Transcript, Boston ARTCC 20 Radar position dated 9/13/01.	9/13/2001	ORIGINAL	AT	UAL175	Karen Goff, QA Technician	5	Y	
#2 Radar ViewPoint	Radar ViewPoint Plot of UAL175 dated 9/11/01.	9/11/2001	ORIGINAL	AT	UAL175	N/A	23	Y	
#3 RDP Track Report for UAL175 dated 9/11/01.	RDP Track Report for UAL175 dated 9/11/01.	9/11/2001	ORIGINAL	AT	UAL175	N/A	1	Y	
#4 Flight Progress Strips	Flight Progress Strips UAL175.	9/11/2001	ORIGINAL	AT	UAL175	N/A	1	Y	
#5 Email	Email dated 11/8/02 regarding UAL175 inventory.	11/8/2002	COPY	AT	UAL175	Rusty Baird, QA Support Specialist	3	Y	
#6 Preliminary Partial Transcript	Preliminary Partial Transcript, Boston ARTCC 46 Radar position dated 9/13/01.	9/13/2001	ORIGINAL	AT	UAL175	Rusty Baird, QA Support Specialist	2	Y	
#7 Preliminary Partial Transcript	Preliminary Partial Transcript, Boston ARTCC 47 Radar position dated 9/13/01.	9/13/2001	ORIGINAL	AT	UAL175	Robert Jones, QA Support Specialist	3	Y	
#8 Preliminary Partial Transcript	Preliminary Partial Transcript, Boston ARTCC 47 Radar position dated 9/13/01.	9/14/2001	COPY	AT	UAL175	Robert Jones, QA Support Specialist	3	Y	

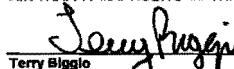
DOCUMENT TYPE AND NUMBER (IF APPLICABLE)	DESCRIPTOR (SUBJECT/TITLE/ /LOCAL LABEL/SECTOR/ETC.)	DATE	COPY OR ORIGINAL	AT OR AF DOCUMENT	FLIGHT IDENTIFICATION	AUTHOR(S) NAME AND TITLE	NUMBER OF PAGES	GIVEN TO 9/11 COMM.	MISC.
#9 NADIN Message	NADIN message from ZNY dated 9/17/03.	9/17/2001	COPY	AT	UAL175	New York ARTCC	1	Y	
#10 FAA Form 8020-6-1	FAA Form 8020-6-1 dated 9/21/01 for UAL175.	9/21/2001	ORIGINAL	AT	UAL175	Boston ARTCC	1	Y	
#11 Memorandum	Normal service statement and certified index UAL175.	9/25/2001	COPY	AT	UAL175	Hester Hemdal, Manager, Boston ARTCC	3	Y	
#12 Memorandum	Memorandum dated 9/27/01 regarding voice re-recordings.	9/27/2001	ORIGINAL	AT	UAL175	Rusty Baird, QA Support Specialist	3	Y	
#13 Personnel Statement	Personnel statement (WD).	12/4/2001	ORIGINAL	AT	UAL175	William Dean, CPC	1	Y	
#14 Personnel Statement	Personnel statement (HT).	12/4/2001	ORIGINAL	AT	UAL175	John Hartling, CPC	1	Y	
#15 Personnel Statement	Personnel statement (MO).	12/5/2001	ORIGINAL	AT	UAL175	Mark O'Neil, CPC	1	Y	
#16 Personnel Statement	Personnel statement (ZP).	12/5/2001	ORIGINAL	AT	UAL175	Peter A. Zalewski, CPC	1	Y	
#17 Personnel Statement	Personnel statement (TF).	12/12/2001	ORIGINAL	AT	UAL175	Gregory Taccini, CPC	1	Y	
#18 Personnel Statement	Personnel statement (FB).	12/12/2001	ORIGINAL	AT	UAL175	Francis Browne, CPC	1	Y	
#19 Personnel Statement	Personnel statement (TV).	12/17/2001	ORIGINAL	AT	UAL175	Alan Miller, CPC	1	Y	
#20 Personnel Statement Tracking Sheet	Personnel Statement Tracking Sheet dated 12/18/01.	12/18/2001	ORIGINAL	AT	AAL11/UAL175	N/A	2	Y	
#21 Document	Document dated 1/31/02 listing individuals that accessed information regarding 9/11/01.	1/31/2002	ORIGINAL	AT	N/A	N/A	1	Y	
#22 Memorandum	Memorandum dated 1/31/02 regarding ZNY-ARTCC-148 Accident File.	1/31/2002	ORIGINAL	AT	UAL175	Robert Jones, QA Support Specialist	1	Y	
#23 Memorandum	Memorandum dated 7/10/03 regarding transcripts requested by the National Commission on Terrorist Activities Upon the United States.	7/10/2003	ORIGINAL	AT	AAL11/UAL175	Rusty Baird, QA Support Specialist	2	Y	
Cassette Tape	ZBW-ARTCC-148 (AAL11) ZBW Sec05R	9/11/2001	COPY (2)	AT	AAL11	Karen Goff, QA Technician	N/A	Y	
Cassette Tape	ZBW-ARTCC-148 (AAL11) ZBW Sec09R	9/11/2001	COPY (2)	AT	AAL11	Karen Goff, QA Technician	N/A	Y	
Cassette Tape	ZBW-ARTCC-148 (AAL11) ZBW Sec09RA	9/11/2001	COPY (2)	AT	AAL11	Karen Goff, QA Technician	N/A	Y	
Cassette Tape	ZBW-ARTCC-148 (AAL11) ZBW Sec10R	9/11/2001	COPY (2)	AT	AAL11	Karen Goff, QA Technician	N/A	Y	
Cassette Tape	ZBW-ARTCC-148 (AAL11) ZBW Sec10RA	9/11/2001	COPY (2)	AT	AAL11	Karen Goff, QA Technician	N/A	Y	
Cassette Tape	ZBW-ARTCC-148 (AAL11) ZBW Sec18R	9/11/2001	COPY (2)	AT	AAL11	Karen Goff, QA Technician	N/A	Y	
Cassette Tape	ZBW-ARTCC-148 (AAL11) ZBW Sec18RA	9/11/2001	COPY (2)	AT	AAL11	Karen Goff, QA Technician	N/A	Y	
Cassette Tape	ZBW-ARTCC-148 (AAL11) ZBW Sec20R	9/11/2001	COPY (2)	AT	AAL11	Karen Goff, QA Technician	N/A	Y	
Cassette Tape	ZBW-ARTCC-148 (AAL11) ZBW Sec20RA	9/11/2001	COPY (2)	AT	AAL11	Karen Goff, QA Technician	N/A	Y	
Cassette Tape	ZBW-ARTCC-148 (AAL11) ZBW Sec21R	9/11/2001	COPY (2)	AT	AAL11	Karen Goff, QA Technician	N/A	Y	
Cassette Tape	ZBW-ARTCC-148 (AAL11) ZBW Sec22R	9/11/2001	COPY (2)	AT	AAL11	Karen Goff, QA Technician	N/A	Y	
Cassette Tape	ZBW-ARTCC-148 (AAL11) ZBW Sec24R	9/11/2001	COPY (2)	AT	AAL11	Karen Goff, QA Technician	N/A	Y	
Cassette Tape	ZBW-ARTCC-148 (AAL11) ZBW Sec31R	9/11/2001	COPY (2)	AT	AAL11	Karen Goff, QA Technician	N/A	Y	
Cassette Tape	ZBW-ARTCC-148 (AAL11) ZBW Sec31RA	9/11/2001	COPY (2)	AT	AAL11	Karen Goff, QA Technician	N/A	Y	
Cassette Tape	ZBW-ARTCC-148 (AAL11) ZBW Sec36R	9/11/2001	COPY (2)	AT	AAL11	Karen Goff, QA Technician	N/A	Y	
Cassette Tape	ZBW-ARTCC-148 (AAL11) ZBW Sec36RA	9/11/2001	COPY (2)	AT	AAL11	Karen Goff, QA Technician	N/A	Y	
Cassette Tape	ZBW-ARTCC-148 (AAL11) ZBW Sec38R	9/11/2001	COPY (2)	AT	AAL11	Karen Goff, QA Technician	N/A	Y	
Cassette Tape	ZBW-ARTCC-148 (AAL11) ZBW Sec38RA	9/11/2001	COPY (2)	AT	AAL11	Karen Goff, QA Technician	N/A	Y	
Cassette Tape	ZBW-ARTCC-148 (AAL11) ZBW Sec39R	9/11/2001	COPY (2)	AT	AAL11	Karen Goff, QA Technician	N/A	Y	

DOCUMENT TYPE AND NUMBER (IF APPLICABLE)	DESCRIPTOR (SUBJECT/TITLE/ /LOCALE/LABEL/SECTOR/ETC.)	DATE	COPY OR ORIGINAL	AT OR AF DOCUMENT	FLIGHT IDENTIFICATION	AUTHOR(S) NAME AND TITLE	NUMBER OF PAGES	GIVEN TO 9/11 COMM.	MISC.
Cassette Tape	ZBW-ARTCC-148 (AAL11) ZBW Sec39RA	9/11/2001	COPY (2)	AT	AAL11	Karen Goff, QA Technician	N/A	Y	
Cassette Tape	ZBW-ARTCC-148 (AAL11) ZBW Sec46R	9/11/2001	COPY (2)	AT	AAL11	Karen Goff, QA Technician	N/A	Y	
Cassette Tape	ZBW-ARTCC-148 (AAL11) ZBW Sec47R	9/11/2001	COPY (2)	AT	AAL11	Karen Goff, QA Technician	N/A	Y	
Cassette Tape	ZBW-ARTCC-148 (AAL11) ZBW Sec47RA	9/11/2001	COPY (2)	AT	AAL11	Karen Goff, QA Technician	N/A	Y	
Cassette Tape	ZBW-ARTCC-148 (AAL11) ZBW MOS	9/11/2001	COPY (2)	AT	AAL11	Karen Goff, QA Technician	N/A	Y	
Cassette Tape	ZBW-ARTCC-148 (AAL11) ZBW TMU	9/11/2001	COPY (2)	AT	AAL11	Karen Goff, QA Technician	N/A	Y	
Cassette Tape	9/11 Commission Request - ZBW Sec18R	9/11/2001	COPY (2)	AT	AAL11	Karen Goff, QA Technician	N/A	Y	
Cassette Tape	ZNY-ARTCC-148 (UAL175) ZBW Sec20R	9/11/2001	COPY (2)	AT	UAL175	Karen Goff, QA Technician	N/A	Y	
Cassette Tape	ZNY-ARTCC-148 (UAL175) ZBW Sec46R	9/11/2001	COPY (2)	AT	UAL175	Karen Goff, QA Technician	N/A	Y	
Cassette Tape	ZNY-ARTCC-148 (UAL175) ZBW Sec47R	9/11/2001	COPY (2)	AT	UAL175	Karen Goff, QA Technician	N/A	Y	
Cassette Tape	ZBW Sec18RA Tape 1 of 3 1240-1405 UTC	9/11/2001	COPY	AT	N/A	Karen Goff, QA Technician	N/A	Y	9/11 Commission Request
Cassette Tape	ZBW Sec18RA Tape 2 of 3 1404-1535 UTC	9/11/2001	COPY	AT	N/A	Karen Goff, QA Technician	N/A	Y	9/11 Commission Request
Cassette Tape	ZBW Sec18RA Tape 3 of 3 1534-1600 UTC	9/11/2001	COPY	AT	N/A	Karen Goff, QA Technician	N/A	Y	9/11 Commission Request
Cassette Tape	ZBW Sec 31R Tape 1 of 3 1240-1358 UTC	9/11/2001	COPY	AT	N/A	Karen Goff, QA Technician	N/A	Y	9/11 Commission Request
Cassette Tape	ZBW Sec 31R Tape 2 of 3 1357-1525 UTC	9/11/2001	COPY	AT	N/A	Karen Goff, QA Technician	N/A	Y	9/11 Commission Request
Cassette Tape	ZBW Sec 31R Tape 3 of 3 1524-1600 UTC	9/11/2001	COPY	AT	N/A	Karen Goff, QA Technician	N/A	Y	9/11 Commission Request
Cassette Tape	OSIC Area A Tape 1 of 3 1200-1330 UTC	9/11/2001	COPY	AT	N/A	Karen Goff, QA Technician	N/A	Y	9/11 Commission Request
Cassette Tape	OSIC Area A Tape 2 of 3 1329-1500 UTC	9/11/2001	COPY	AT	N/A	Karen Goff, QA Technician	N/A	Y	9/11 Commission Request
Cassette Tape	OSIC Area A Tape 3 of 3 1459-1600 UTC	9/11/2001	COPY	AT	N/A	Karen Goff, QA Technician	N/A	Y	9/11 Commission Request
Cassette Tape	OSIC Area B Tape 1 of 3 1200-1330 UTC	9/11/2001	COPY	AT	N/A	Karen Goff, QA Technician	N/A	Y	9/11 Commission Request
Cassette Tape	OSIC Area B Tape 2 of 3 1329-1500 UTC	9/11/2001	COPY	AT	N/A	Karen Goff, QA Technician	N/A	Y	9/11 Commission Request
Cassette Tape	OSIC Area B Tape 3 of 3 1459-1600 UTC	9/11/2001	COPY	AT	N/A	Karen Goff, QA Technician	N/A	Y	9/11 Commission Request
Cassette Tape	OSIC Area C Tape 1 of 3 1200-1317 UTC	9/11/2001	COPY	AT	N/A	Karen Goff, QA Technician	N/A	Y	9/11 Commission Request
Cassette Tape	OSIC Area C Tape 2 of 3 1316-1442 UTC	9/11/2001	COPY	AT	N/A	Karen Goff, QA Technician	N/A	Y	9/11 Commission Request
Cassette Tape	OSIC Area C Tape 3 of 3 1441-1600 UTC	9/11/2001	COPY	AT	N/A	Karen Goff, QA Technician	N/A	Y	9/11 Commission Request
Cassette Tape	OSIC Area D Tape 1 of 3 1200-1330 UTC	9/11/2001	COPY	AT	N/A	Karen Goff, QA Technician	N/A	Y	9/11 Commission Request
Cassette Tape	OSIC Area D Tape 2 of 3 1329-1500 UTC	9/11/2001	COPY	AT	N/A	Karen Goff, QA Technician	N/A	Y	9/11 Commission Request
Cassette Tape	OSIC Area D Tape 3 of 3 1459-1600 UTC	9/11/2001	COPY	AT	N/A	Karen Goff, QA Technician	N/A	Y	9/11 Commission Request
Cassette Tape	OSIC Area E Tape 1 of 3 1200-1324 UTC	9/11/2001	COPY	AT	N/A	Karen Goff, QA Technician	N/A	Y	9/11 Commission Request

DOCUMENT TYPE AND NUMBER (IF APPLICABLE)	DESCRIPTOR (SUBJECT/TITLE/ /LOCALE/LABEL/SECTOR/ETC.)	DATE	COPY OR ORIGINAL	AT OR AF DOCUMENT	FLIGHT IDENTIFICATION	AUTHOR(S) NAME AND TITLE	NUMBER OF PAGES	GIVEN TO 9/11 COMM.	MISC.
Cassette Tape	OSIC Area E Tape 2 of 3 1323-1449 UTC	9/11/2001	COPY	AT	N/A	Karen Goff, QA Technician	N/A	Y	9/11 Commission Request
Cassette Tape	OSIC Area E Tape 3 of 3 1448-1800 UTC	9/11/2001	COPY	AT	N/A	Karen Goff, QA Technician	N/A	Y	9/11 Commission Request
Cassette Tape	TMU AFM-11R Tape 1 of 3 1200-1330 UTC	9/11/2001	COPY	AT	N/A	Karen Goff, QA Technician	N/A	Y	9/11 Commission Request
Cassette Tape	TMU AFM-11R Tape 2 of 3 1329-1500 UTC	9/11/2001	COPY	AT	N/A	Karen Goff, QA Technician	N/A	Y	9/11 Commission Request
Cassette Tape	TMU AFM-11R Tape 3 of 3 1459-1800 UTC	9/11/2001	COPY	AT	N/A	Karen Goff, QA Technician	N/A	Y	9/11 Commission Request
Cassette Tape	TMU MOS Tape 1 of 4 1200-1330 UTC	9/11/2001	COPY	AT	N/A	Karen Goff, QA Technician	N/A	Y	9/11 Commission Request
Cassette Tape	TMU MOS Tape 2 of 4 1329-1500 UTC	9/11/2001	COPY	AT	N/A	Karen Goff, QA Technician	N/A	Y	9/11 Commission Request
Cassette Tape	TMU MOS Tape 3 of 4 1459-1800 UTC	9/11/2001	COPY	AT	N/A	Karen Goff, QA Technician	N/A	Y	9/11 Commission Request
Cassette Tape	TMU MOS Tape 4 of 4 1629-1800 UTC	9/11/2001	COPY	AT	N/A	Karen Goff, QA Technician	N/A	Y	9/11 Commission Request
Cassette Tape	TMU PIREP Tape 1 of 3 1200-1330 UTC	9/11/2001	COPY	AT	N/A	Karen Goff, QA Technician	N/A	Y	9/11 Commission Request
Cassette Tape	TMU PIREP Tape 2 of 3 1329-1500 UTC	9/11/2001	COPY	AT	N/A	Karen Goff, QA Technician	N/A	Y	9/11 Commission Request
Cassette Tape	TMU PIREP Tape 3 of 3 1459-1800 UTC	9/11/2001	COPY	AT	N/A	Karen Goff, QA Technician	N/A	Y	9/11 Commission Request
Cassette Tape	TMU DFM-12 Tape 1 of 3 1200-1330 UTC	9/11/2001	COPY	AT	N/A	Karen Goff, QA Technician	N/A	Y	9/11 Commission Request
Cassette Tape	TMU DFM-12 Tape 2 of 3 1329-1500 UTC	9/11/2001	COPY	AT	N/A	Karen Goff, QA Technician	N/A	Y	9/11 Commission Request
Cassette Tape	TMU DFM-12 Tape 3 of 3 1459-1800 UTC	9/11/2001	COPY	AT	N/A	Karen Goff, QA Technician	N/A	Y	9/11 Commission Request
Cassette Tape	TMU METER Tape 1 of 3 1200-1330 UTC	9/11/2001	COPY	AT	N/A	Karen Goff, QA Technician	N/A	Y	9/11 Commission Request
Cassette Tape	TMU METER Tape 2 of 3 1329-1500 UTC	9/11/2001	COPY	AT	N/A	Karen Goff, QA Technician	N/A	Y	9/11 Commission Request
Cassette Tape	TMU METER Tape 3 of 3 1459-1800 UTC	9/11/2001	COPY	AT	N/A	Karen Goff, QA Technician	N/A	Y	9/11 Commission Request
Cassette Tape	TMU RE-ROUTE Tape 1 of 3 1200-1330 UTC	9/11/2001	COPY	AT	N/A	Karen Goff, QA Technician	N/A	Y	9/11 Commission Request
Cassette Tape	TMU RE-ROUTE Tape 2 of 3 1329-1500 UTC	9/11/2001	COPY	AT	N/A	Karen Goff, QA Technician	N/A	Y	9/11 Commission Request
Cassette Tape	TMU RE-ROUTE Tape 3 of 3 1459-1800 UTC	9/11/2001	COPY	AT	N/A	Karen Goff, QA Technician	N/A	Y	9/11 Commission Request
Cassette Tape	TMU STMCIC Tape 1 of 3 1200-1324 UTC	9/11/2001	COPY	AT	N/A	Karen Goff, QA Technician	N/A	Y	9/11 Commission Request
Cassette Tape	TMU STMCIC Tape 2 of 3 1323-1449 UTC	9/11/2001	COPY	AT	N/A	Karen Goff, QA Technician	N/A	Y	9/11 Commission Request
Cassette Tape	TMU STMCIC Tape 3 of 3 1448-1800 UTC	9/11/2001	COPY	AT	N/A	Karen Goff, QA Technician	N/A	Y	9/11 Commission Request
Cassette Tape	TMU SVWX Tape 1 of 3 1200-1324 UTC	9/11/2001	COPY	AT	N/A	Karen Goff, QA Technician	N/A	Y	9/11 Commission Request
Cassette Tape	TMU SVWX Tape 2 of 3 1323-1449 UTC	9/11/2001	COPY	AT	N/A	Karen Goff, QA Technician	N/A	Y	9/11 Commission Request
Cassette Tape	TMU SVWX Tape 3 of 3 1448-1800 UTC	9/11/2001	COPY	AT	N/A	Karen Goff, QA Technician	N/A	Y	9/11 Commission Request
High Capacity Voice Recorder Master Reels (HCVR)	Master Reel #109	9/11/2001	ORIGINAL	AT	N/A	N/A	N/A	N	
High Capacity Voice Recorder Master Reels (HCVR)	Master Reel #201	9/11/2001	ORIGINAL	AT	N/A	N/A	N/A	N	
High Capacity Voice Recorder Master Reels (HCVR)	Master Reel #308	9/11/2001	ORIGINAL	AT	N/A	N/A	N/A	N	
High Capacity Voice Recorder Master Reels (HCVR)	Master Reel #307	9/11/2001	ORIGINAL	AT	N/A	N/A	N/A	N	

DOCUMENT TYPE AND NUMBER (IF APPLICABLE)	DESCRIPTOR (SUBJECT/TITLE/ /LOCALE/LABEL/SECTOR/ETC.)	DATE	COPY OR ORIGINAL	AT OR AF DOCUMENT	FLIGHT IDENTIFICATION	AUTHOR(S) NAME AND TITLE	NUMBER OF PAGES	GIVEN TO 9/11 COMM.	MISC.
High Capacity Voice Recorder Master Reels (HCVR)	Master Reel #308	9/11/2001	ORIGINAL	AT	N/A	N/A	N/A	N	
High Capacity Voice Recorder Master Reels (HCVR)	Master Reel #400	9/11/2001	ORIGINAL	AT	N/A	N/A	N/A	N	
High Capacity Voice Recorder Master Reels (HCVR)	Master Reel #508	9/11/2001	ORIGINAL	AT	N/A	N/A	N/A	N	
High Capacity Voice Recorder Master Reels (HCVR)	Master Reel #509	9/11/2001	ORIGINAL	AT	N/A	N/A	N/A	N	
HOST Systems Analysis and Recording Tape (SAR)	Tape # BW0799 0000 UTC to 0041 UTC	9/11/2001	ORIGINAL	AF	N/A	N/A	N/A	N	
HOST Systems Analysis and Recording Tape (SAR)	Tape # BW0800 0041 UTC to 0122 UTC	9/11/2001	ORIGINAL	AF	N/A	N/A	N/A	N	
HOST Systems Analysis and Recording Tape (SAR)	Tape # BW0801 0122 UTC to 0205 UTC	9/11/2001	ORIGINAL	AF	N/A	N/A	N/A	N	
HOST Systems Analysis and Recording Tape (SAR)	Tape # BW0802 0205 UTC to 0253 UTC	9/11/2001	ORIGINAL	AF	N/A	N/A	N/A	N	
HOST Systems Analysis and Recording Tape (SAR)	Tape # BW0803 0253 UTC to 0359 UTC	9/11/2001	ORIGINAL	AF	N/A	N/A	N/A	N	
HOST Systems Analysis and Recording Tape (SAR)	Tape # BW0805 0359 UTC to 0439 UTC	9/11/2001	ORIGINAL	AF	N/A	N/A	N/A	N	
HOST Systems Analysis and Recording Tape (SAR)	Tape # BW0806 0907 UTC to 1041 UTC	9/11/2001	ORIGINAL	AF	N/A	N/A	N/A	N	
HOST Environmental Report (EREP)	Tape # BW0807 0000 UTC to 0438 UTC	9/11/2001	ORIGINAL	AF	N/A	N/A	N/A	N	
HOST Systems Analysis and Recording Tape (SAR)	Tape # BW0808 0640 UTC to 0907 UTC	9/11/2001	ORIGINAL	AF	N/A	N/A	N/A	N	
HOST CORE (Used by Programmers No AT Data)	Tape # BW0809 0000 UTC to 0438 UTC	9/11/2001	ORIGINAL	AF	N/A	N/A	N/A	N	
HOST CORE (Used by Programmers No AT Data)	Tape # BW0810 2321 UTC to 0000 UTC	9/11/2001	ORIGINAL	AF	N/A	N/A	N/A	N	
HOST Aircraft Management Program (AMPP: SISO & Traffic Counts)	Tape # BW0811 0400 UTC to 0438 UTC	9/11/2001	ORIGINAL	AF	N/A	N/A	N/A	N	
HOST Radar Data Analysis Tape (ORR)	Tape # BW0812 1805 UTC to 2028 UTC	9/11/2001	ORIGINAL	AF	N/A	N/A	N/A	N	
HOST Systems Analysis and Recording Tape (SAR)	Tape # BW0813 1041 UTC to 1128 UTC	9/11/2001	ORIGINAL	AF	N/A	N/A	N/A	N	
HOST Systems Analysis and Recording Tape (SAR)	Tape # BW0814 1128 UTC to 1212 UTC	9/11/2001	ORIGINAL	AF	N/A	N/A	N/A	Y	
HOST Systems Analysis and Recording Tape (SAR)	Tape # BW0815 1212 UTC to 1255 UTC	9/11/2001	ORIGINAL	AF	N/A	N/A	N/A	Y	
HOST Systems Analysis and Recording Tape (SAR)	Tape # BW0816 1255 UTC to 1345 UTC	9/11/2001	ORIGINAL	AF	N/A	N/A	N/A	Y	
HOST Systems Analysis and Recording Tape (SAR)	Tape # BW0817 1345 UTC to 1508 UTC	9/11/2001	ORIGINAL	AF	N/A	N/A	N/A	Y	
HOST Systems Analysis and Recording Tape (SAR)	Tape # BW0818 1508 UTC to 1727 UTC	9/11/2001	ORIGINAL	AF	N/A	N/A	N/A	Y	
HOST Systems Analysis and Recording Tape (SAR)	Tape # BW0819 2020 UTC to 2321 UTC	9/11/2001	ORIGINAL	AF	N/A	N/A	N/A	N	
HOST Systems Analysis and Recording Tape (SAR)	Tape # BW0820 1727 UTC to 2020 UTC	9/11/2001	ORIGINAL	AF	N/A	N/A	N/A	Y	
HOST Environmental Report (EREP)	Tape # BW0821 2321 UTC to 0000 UTC	9/11/2001	ORIGINAL	AF	N/A	N/A	N/A	N	
HOST Systems Analysis and Recording Tape (SAR)	Tape # BW0823 2321 UTC to 0000 UTC	9/11/2001	ORIGINAL	AF	N/A	N/A	N/A	N	
HOST Systems Analysis and Recording Tape (SAR)	Tape # BW0824 0000 UTC to 0309 UTC	9/12/2001	ORIGINAL	AF	N/A	N/A	N/A	N	
HOST Systems Analysis and Recording Tape (SAR)	Tape # BW0828 0309 UTC to 0628 UTC	9/12/2001	ORIGINAL	AF	N/A	N/A	N/A	N	
HOST Systems Analysis and Recording Tape (SAR)	Tape # BW0829 0642 UTC to 0400 UTC	9/11/2001	ORIGINAL	AF	N/A	N/A	N/A	N	
Email	Email re: Word File listing all sectors at ZBW and which ones had contact with AAL & UAL175 as request by the 9/11 Commission	5/18/2004	COPY	AT	AAL11/UAL175	Karen Goff, Quality Assurance Technician	5	Y	
Email	Email re: Excel Spreadsheet listing everything Boston Center has provided the 9/11 Commission	5/27/2004	COPY	AT	N/A	Karen Goff, Quality Assurance Technician	9	N	
Memorandum (Grid)	Cover Memo for Voice Cassette Tapes requested by 9/11 Commission	3/25/2004	COPY	AT	N/A	Karen Goff, Quality Assurance Technician	6	Y	

AIR TRAFFIC MANAGER'S CERTIFICATION


Terry Biggio
Acting Air Traffic Manager, Boston ARTCC

12-27-4
Date



U.S. Department
of Transportation
**Federal Aviation
Administration**

Route Slip

To: Joseph McGovern
DOT - Office of Inspector General
55 Broadway - Room 1052
Cambridge, MA 02142

Date: January 4, 2005

Subject: 9/11 Documentation

Action: ☒ Per Your Request ☐ Discuss with Me ☐ Take Appropriate Action
☐ For Your Information ☐ For Your Approval ☐ Please Answer
☐ Per Our Conversation ☐ For your Signature ☐ Prepare Reply for:
☐ Note and Return ☐ Comment

Remarks:

Mr. McGovern:

Enclosed are the documents you requested pertaining to September 11, 2001.
If you have any questions please feel free to contact me.



Karen Goff
Quality Assurance Technician

Phone: 603-879-6807

FAX: 603-879-6809

106
completed 9/11/01

THE FOLLOWING IS A PRELIMINARY TRANSCRIPT INVOLVING AAL11

1208:54 46R: FDX3258 ROGER UH, FLY HEADING 180 MAINTAIN MACH 80 OR LESS

1209:02 FDX3258: 180 ROGER AND UH FOR THE HEADING UH IS MACH 8 OR LESS 3258.

1209:10 46R: FDX3601 MAINTAIN MACH 80 OR GREATER.

1209:12 FDX3601: MACH 80 OR GREATER FDX 3601 HEAVY.

1209:17 AAL11: BOSTON CENTER GOOD MORNING AAL11 WITH YOU PASSING THROUGH 190 FOR 230.

2019:22 46R: AAL11 BOSTON CENTER ROGER CLIMB AND MAINTAIN FL280.

1209:25 AAL11 280 AAL11.

1209:28 46R: FDX3258 YOUR RECLEARED DIRECT TO UH BARNES.

1209:34 FDX3258: DIRECT TO BARNES FDX3258.

12:09:52 46R: DAL544 CONTACT BOSTON CENTER 125.57.

1209:56 DAL544: 2557 FOR BOSTON DAL544 GOOD DAY.

1210:04 DAL1149: BOSTON DAL1149 LEVELING AT 310.

1210:06 46R: DAL1149 BOSTON CENTER ROGER.

1210:13 46R: AAL11 CLIMB MAINTAIN FL290.

1210:16 AAL11: 290 AAL11.

1210:37 46R: FDX3258 CLEARED DIRECT BIGGO.

1210:41 FDX3258: DIRECT BIGGO THANK YOU FDX3258.

1210:47 46R: FDX3258 YOUR TRAFFIC YOU'RE GOING TO BE FOLLOWING IS 12 O CLOCK AND ABOUT UH TEN MILES ALSO SOUTHBOUND WITH COMPANY COMPANY JET.

1210:54 FDX3258: UH WHERE'S THAT TRAFFIC SIR.

1210:56 46R: 12 O CLOCK AND ABOUT TEN MILES SAME DIRECTION
ALSO AT 350 COMPANY.

1211:01 FDX3258: OK THANKS.

1211:27 46R: FDX3601 CONTACT BOSTON CENTER 125.57.

1211:34 FDX3601: 2557 FDX3601 HEAVY.

1211:58 46R: AAL11 YOUR TRAFFIC IS AT UH 2 O CLOCK 20 MILES
SOUTHWEST BOUND MD80 310.

1212:04 AAL11: AAL11 ROGER.

1212:16 46R: FDX3258 YOU'RE CLEARED DIRECT SPARTA.

1212:19 FDX3258: DIRECT SPARTA FDX3258 HEAVY.

1213:02 46R: FDX3258 CONTACT BOSTON CENTER 125.57.

1213:07 FDX3258: 12557 THANK YOU FDX3258.

1213:08 46R: GOOD DAY

1213:29 46R: AAL11 TURN 20 DEGREES RIGHT.

1213:31 AAL11: 20 RIGHT AAL11.

1213:47 46R: AAL11 NOW CLIMB MAINTAIN FL350.

1213:57 46R: AAL11 CLIMB MAINTAIN FL350.

1214:08 46R: AAL11 BOSTON.

1214:19 46R: ER 7ML HOW DO YOU HEAR.

1214:20 N7ML: ML HAS YOU LOUD AND CLEAR.

1214:23 46R: AAL11 BOSTON.

1214:33 46R: AAL ONE ONE AH THE AMERICAN ON THE FREQUENCY
HOW DO YOU HEAR ME.

1214:45

38R: THIS IS UH ATHENS.

46R: THIS IS BOSTON I TURNED AMERICAN 20 LEFT AND I WAS GOING TO CLIMB HIM HE WILL NOT RESPOND TO ME NOW AT ALL

38R: LOOKS LIKE HE'S TURNING RIGHT.

46R: YEA I TURNED HIM 20 RIGHT

38R: OH, OK

46R: AND HE'S ONLY GOING TO UM I THINK 29.

38R: OK.

46R: UNREADABLE

38R: SURE THAT'S FINE.

46R: EH BUT I'M NOT TALKING TO HIM.

38R: HE WON'T ANSWER YOU, HE'S NORDO ROGER THANKS.

1215:02

1215:07 46R : N7ML DESCEND AT PILOTS DISCRETION MAINTAIN FL240.

1215:11 N7ML: PDM 240 WE'LL BEGIN DOWN (UNREADABLE)7ML.

1215:13 46R: AAL11 BOSTON.

1215:22 46R: AAL11 IF YOU HEAR BOSTON CENTER IDENT.

1215:37 COA683: BOSTON COA683 IS FLIGHT LEVEL 210 CLIMB 230.

1215:41 46R: COA683 BOSTON CENTER ROGER CLIMB MAINTAIN FL310.

1215:45 COA683: CLIMB MAINTAIN FL310.

1215:49 46R: AAL11 IF YOU HEAR BOSTON CENTER IDENT PLEASE OR ACKNOWLEDGE.

1216:32 46R: AAL11 IF YOU HEAR BOSTON CENTER RE CONTACT BOSTON CENTER ON 127.82 THAT'S AAL11 12782.

1217:05 46R: AAL11 AAL ONE ONE BOSTON.

1217:19 46R: DAL1149 CONTACT BOSTON CENTER 125.57.

1217:23 DAL1149: 1149 2557 GOOD DAY.

1217:56 46R: AAL11 IF YOU HEAR BOSTON CENTER IDENT PLEASE.

1218:01 FLEX JET: BOSTON CENTER FLEX JET 420 CHECKING IN
PASSING 18 FOR 230.

1218:04 46R: FLEX JET 420 BOSTON CENTER ROGER CLIMB MAINTAIN
FL240.

1218:12 :FLEX420: CLIMBING TO 240 FLEX JET 420.

1218:31 46R: 7ML CONTACT BOSTON CENTER 128.2.

1218:36 N7ML: 28 POINT 2 07ML THANKS.

1218:56 46R: AAL11 BOSTON.

1220:07 46R: AAL11 AAL ONE ONE HOW DO YOU HEAR THE CENTER.

1220:29
46R: THIS IS UH BOSTON.

RADAR CONTROLLER: POINT OUT NWA157

46R: NWA157 IS POINT OUT APPROVED.

RADAR CONTROLLER; THANK YOU RT

1221:46 46R: FLEX JET 420 SAY AIR SPEED

1221:49 FLEX420: AH INCREASING AIRSPEED NOW PASSING THROUGH
POINT AH 68.

1221:52 46R: ROGER INDICATED

1221:57 FLEX420: 290.

1221:59 46R: FLEX420 MAINTAIN AH WHAT ARE YOU GOING TO
INCREASE TO.

1222:02 FLEX420: 320.

1222:03 46R: THANK YOU.

5 of 6

1222:06 46R: COA683 CONTACT BOSTON CENTER 125.57.

1222:09 COA683: 2557 COA683 SEE YA.

1222:13 DAL351 DAL351 LEAVING 15.4 FOR 230.

1222:20 46R: DAL351 BOSTON UH CENTER ROGER CLIMB MAINTAIN FL350.

1222:23 DAL351: CLIMBING NOW TO 350 DAL351.

1222:27 46R: AAL11 BOSTON.

1223:01 UAL175: BOSTON MORNING UAL175 OUT OF 19 FOR 230.

1223:06 46R: UAL175 BOSTON UH CENTER ROGER.

1224:32 46R: IS THAT AAL11 TRYING TO CALL.

1224:38 UNKNOWN: (UNREADABLE) WE HAVE SOME PLANES JUST STAY QUIET AND YOU'LL BE OK WE ARE RETURNING TO THE AIRPORT.

1224:46 46R: AND UH WHO'S TRYING TO CALL ME HERE.

1224:53 46R: AAL11 ARE YOU TRYING TO CALL.

1224:57 UNKNOWN: NOBODY MOVE EVERYTHING WILL BE OK IF YOU TRY TO MAKE ANY MOVES YOU'LL ENDANGER YOURSELF AND THE AIRPLANE JUST STAY QUIET.

1226:03 46R: DAL351 BOSTON CENTER ON 125.57

1226:08 DAL351: 2557 DAL351.

1226:21 46R: FLEX JET 420 BOSTON CENTER 125.57.

1226:24 FLEX420: 12557 FLEX JET 420 SO LONG.

1227:20 46R: UAL175 CONTACT THE UM BOSTON CENTER ON 133.42.

1227:27 UAL175: OK 3342 UAL175 SO LONG.

1229:08
RADAR CONTROLLER: HELLO

46R: GO A HEAD

6 of 6

RADAR CONTROLLER: YA POINT OUT THERE NORTHWEST OF BRADLEY
BTA4042 BE A FEW MINUTES SO I CAN GET EM DOWN

46R : POINT OUT APPROVED

RADAR CONTROLLER: W E
1229:13

1233:59 UNKNOWN NOBODY MOVE PLEASE, WE ARE GOING BACK TO
THE AIRPORT, DON'T TRY TO MAKE ANY STUPID MOVES



U.S. Department
of Transportation
**Federal Aviation
Administration**

Memorandum

AAL11

Subject: **INFORMATION: PRELIMINARY Partial
Transcript; Aircraft Accident; AAL11; New York,
NY; September 11, 2001**

Date: **September 15, 2001**

Reply To
Attn of:

From: **Boston ARTCC**

To: **Investigations Division, AAT-200**

This transcription covers the Boston ARTCC Boston TMU Severe Weather Position for the time period from September 11, 2001, 1227 UTC to September 11, 2001, 1250 UTC.

Agencies Making Transmissions

Command Center East Position
Boston ARTCC TMU Severe Weather Position
Cleveland ARTCC TMU
New York ARTCC TMU
Cape Approach Control Position
Cape Approach Supervisor Position
New York TRACON TMU

Abbreviations

CCEAST
ZBWTMU
ZOBTMU
ZNYTMU
CAPE1
CAPE2
N90

I hereby certify that the following is a true transcription of the recorded conversations pertaining to the subject aircraft accident involving AAL11:

Rusty Baird
Support Specialist, Quality Assurance
Boston ARTCC

1227

1227:50 CCEAST command center east tony

1227:53 ZBWTMU hi tony uh good morning uh boston center i got a situation here
with american one one american eleven—boston departure to
uh uh I a x---we believe it's a uh possible hijack situation

1228:08	CCEAST	okay tell me more
1228:10	ZBWTMU	okay uh he departed boston uh we lost radio communications with him and we lost uh his transponder and they believe that they heard in the background something a threat—and right now
1228:24	CCEAST	what was that a threat you said
1228:26	ZBWTMU	a threat—and right now the uh aircraft is is just west of albany going southbound
1228:34	CCEAST	okay i see him
1228:35	ZBWTMU	and he's at
1228:36	CCEAST	nobody's talkin to him right
1228:37	ZBWTMU	nobody's talking to him right at this time correct
1228:43	CCEAST	okay anything i can do to help you right now
1228:45	ZBWTMU	and nope i mean uh just at the time we have no idea where this aircraft is going maybe a head up heads up to new york center
1228:52	CCEAST	okay uh well probably some caution might be good if we uh call up cleveland and new york and at least let them know just in case this guy starts heading there way they'll have a heads up on it
1229:00	ZBWTMU	right

1229:01	CCEAST	okay lets do that
1229:21	ZNYTMU	new york center
1229:23	ZBWTMU	hi new york boston standby---waitin for cleveland
1229:33	ZOBTMU	cleveland
1229:34	ZBWTMU	hi cleveland new york boston uh i got a little situation with american one one american eleven---he is a uh seventy sixty seven departed boston going to l a x---uh we don't know where the aircraft is going he uh in uh originally going to l a x was uh going westbound we lost him off frequency and lost his transponder and now the aircraft is uh just west of albany heading due south
1230:00	ZNYTMU	oh my goodness---okay---we had do we have uh the data block on him uh who's got the uh
1230:06	ZBWTMU	yeah we we uh it's a primary target presently and uh its heading southwestbound
1230:11	ZNYTMU	okay uh
1230:13	ZBWTMU	no altitude encoding right now
1230:14	ZNYTMU	i'll i'll advise the area
1230:17	ZBWTMU	last altitude uh observed was uh flight level two niner zero
1230:20	ZNYTMU	twenty nine southbound

1230:22 ZBWTMU heading southwestbound he's like towards uh hancock uh---
right at right around there---he's uh southwest of albany by one
five miles

1230:33 ZOBTMU you have no idea where he's going

1230:35 ZBWTMU no idea sir

1230:36 ZOBTMU alrighty

1230:37 CCEAST you can tag him on the uh t s d i i you should pick him up

1230:39 ZOBTMU primary only

1230:40 ZBWTMU primary only

1230:41 ZOBTMU okay

1230:42 ZBWTMU okay

1230:43 ZOBTMU that's good thank you
1231
1232
1233
1234

1234:32 CAPE1 cape tracon

1234:33 ZBWTMU yea hi uh are you uh able to able to talk to otis on this line

1234:41 CAPE1 umm i not sure but if i need if you need to get in touch with them
i can uh

1234:45 ZBWTMU yea i got a little situation here

1234:46 CAPE1 seven line i think there on the seven line

1234:48 ZBWTMU i have a little situation with a uh american eleven

1234:50 CAPE1 what

1234:52 ZBWTMU i have a situation with american eleven

1234:54 CAPE1 you want to talk to otis tower

1234:56 ZBWTMU i want to talk to otis tra i need to scramble some uh fighters

1234:58 CAPE1 alright well hold on a second let me give you the sup—hey
timmy pick up on the forty one something about a scramble i
don't know

1235:10 CAPE2 cape approach

1235:11 ZBWTMU hi cape uh dan bueno calling from boston center

1235:13 CAPE2 yes

1235:14 ZBWTMU i have a situation with american eleven possible hijack

1235:17 CAPE2 american eleven

1235:18 ZBWTMU yes sir departed boston going to l a x right now he's south of
albany i'd like to scramble some fighters to go tail him

1235:24 CAPE2 uh okay well we'll talk to otis here

1235:27 ZBWTMU okay and uh just put ah flight uh if he wants just depart and uh we'll flight plan in for him and uh we'll aim him towards uh hampton direct

1235:35 CAPE2 okay i'll talk to these guys over here and see what we can do

1235:37 ZBWTMU okay

1235:38 CAPE2 and right now he's on the ground at albany

1235:40 ZBWTMU uh no no no no he's uh right now

1235:42 CAPE2 he's airborne

1235:43 ZBWTMU he's eh airborne about forty south of albany primary only

1235:48 CAPE2 uh okay---i'll talk to em right now and who's this here

1235:52 ZBWTMU dan dan bueno from boston center t m u

1235:54 CAPE2 dan at t m u okay

1235:56 ZBWTMU great

1235:57 CAPE2 alright t j

1235:58 ZBWTMU thanks

1236

1237

1238

1239

1240

1240:02 CCEAST command center east tony

1240:03 ZBWTMU hi tony ah command center here i mean um boston center here
can i get new york tracon

1240:08 CCEAST you bet

1240:12 CCEAST still nothing with the ah hijak

1240:13 ZBWTMU yes with american eleven

1240:15 CCEAST say it again

1240:16 ZBWTMU ah reference american eleven

1240:18 CCEAST have you any contact with him yet

1240:20 ZBWTMU ahh nope no contact but it is a confirmed ahh hijak though

1240:23 CCEAST i

1240:25 ZBWTMU hey tracon hi boston center ahh good morning american eleven
ahh seven sixty seven possible hijak

1240:34 N90 ok american eleven a seven seven five and ahh

1240:36	ZBWTMU	seven six
1240:38	N90	where's he landing
1240:39	ZBWTMU	ahh right now we don't have any idea but ah he was to the northwest of albany and now he's ahh out by sparta loosing speed very rapidly we believe he's a primary only and ahh we believe he's in the descent that's why he's ah he's slowin down
1241:00	N90	i'm just trying to ahh and he's around the sparta area now you say
1241:03	ZBWTMU	yeah he's around the sparta area right now
1241:05	N90	wow I just don't see anything ahh
1241:07	ZBWTMU	yeah it's a primary target right now
1241:09	N90	yeah i'm looking pretty hard for any kinda primary target it we still should be able to see it and I don't see ahh
1241:15	CCEAST	I do have something on the t s d if it gives ya an idea of which way he's headin
1241:19	N90	yeah i'm just lookin at the real raw radar here and I just don't see ahh I just don't see anything out there ill start ill let the area know to start lookin for it but
1241:28	ZBWTMU	we just have any idea what altitude last altitude we had ahh was flight level two niner zero but ahh his ahh speed has diminished quite a bit

1241:36 N90 ok

1241:37 ZBWTMU so we believe he might be in a descent

1241:39 N90 ok all righty i'll i'll pass it along to the sector

1241:41 ZBWTMU alright just be careful

1241:42 N90 understand

1241:43 ZBWTMU check

1241:44 CCEAST hey boston

1241:45 ZBWTMU yes

1241:46 CCEAST you said you confirmed the hijak howd you ahh

1241:48 ZBWTMU well the ahh what has ahh happened is the pilot has kept the ah
mike keyed while the ahh persons in the ahh the cockpit stuff
like that

1242:00 CCEAST ok and what are you hearing

1242:02 ZBWTMU ahh the threat you know I don't really know what their hearing
but that the sup came down and confirmed the ahh that it is the
hijak

1242:13 CCEAST ok if you learn of anything else please give us a call so we can
help you out as best we can does new york know about this guy
heading ahh

1242:17 ZBWTMU new york knows cleveland knows ahh maybe washington will be next were going to scramble some fighters to tail him

1242:25 CCEAST ok coming out of otis

1242:26 ZBWTMU yes

1242:28 CCEAST ok i'll i'll take care of the coordination with washington ah center ill advise them of whats goin on

1242:33 ZBWTMU thank you

1243
1243:08 ZBWTMU tmu

1243:09 CAPE2 yeah it's cape tracon here is dan there

1243:11 ZBWTMU that's me

1243:12 CAPE2 hey ah we just i just talked to otis here and they said they needed a ah needs authorization

1243:16 ZBWTMU were ah working with needs to see if ah they should be calling you now

1243:20 CAPE2 ok just to let you know ok we got ah call on a panta p a n t a papa alpha november tango alpha four five and four six flight of two thell be airborne soon

1243:30 ZBWTMU great thank you

1243:32 CAPE2 alright t j

1244:36 ZBWTMU cape tracon ahh t m u on the forty one

1244:40 CAPE2 cape tracons on

1244:41 ZBWTMU you said panta four six

1244:42 CAPE2 four five or four six and er four six yeah

1244:43 ZBWTMU ok got it

1244:45 CAPE2 alright t j
1245

End of Transcript



U.S. Department
of Transportation
**Federal Aviation
Administration**

Memorandum

ZBW-ARTCC-148
AAL11

Subject: INFORMATION: PRELIMINARY Partial
Transcript; Aircraft Accident; AAL11; New York,
NY; September 11, 2001

Date: September 20, 2001

Reply To
Attn of:

From: Boston ARTCC

To: Investigations Division, AAT-200

This transcription covers the Boston ARTCC Bosox Sector, Sector 47, Radar Position for the time period from September 11, 2001, 1200 UTC to September 11, 2001, 1214 UTC.

Agencies Making Transmissions

American Airlines Inc. Flight 11
Boston ARTCC Bosox Sector Radar Position

Abbreviations

AAL11
47R

I hereby certify that the following is a true transcription of the recorded conversations pertaining to the subject aircraft accident involving AAL11:

Rusty Baird
Support Specialist, Quality Assurance
Boston ARTCC

1200

1201

1202

1203

1204

1205

1205:32 AAL11

boston center good morning american eleven with you passing
through one one thousand for one four thousand

1205:36 47R

american eleven boston center good morning climb maintain
flight level two three zero proceed direct chester

ZBW-ARTCC-148

AAL11

Page 2 of 2

1205:41 AAL11 two three zero direct chester american eleven

1206

1207

1208

1208:47 47R american eleven contact boston center one two seven point
eight two

1208:50 AAL11 twenty seven eighty two so long american eleven

1209

1210

1211

1213

1214

End of Transcript

ZBW-ARTCC-148
AAL11

AAL11
Sept 11, 01
1200:52-1220:48 UTC

OBOS

PUT

OPVD

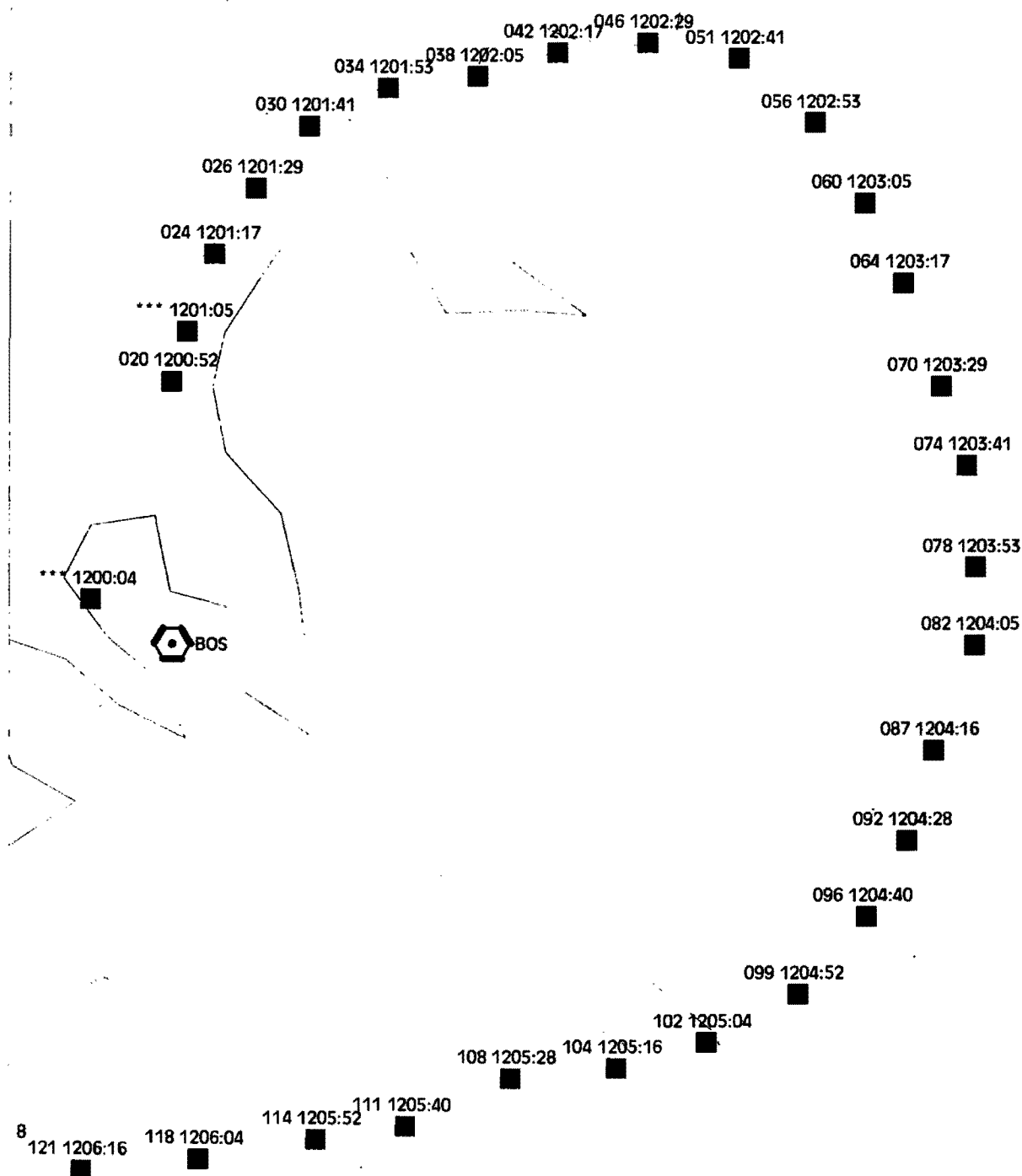
HTO

1:1,305,441 (17.90nm per Inch) Radar ViewPoint(tm) by Airways Technology, Inc.

9/11/01

4

27



161 1208:16 157 1208:04 153 1207:52 148 1207:40 143 1207:28 139 1207:16 134 1207:04 130 1206:52 127 1206:40 125 1206:28 121 1206:16

1:100,888 (1.38nm per inch) Radar ViewPoint(tm) by Airways Technology, Inc.

200 1210:04 195 1209:52 190 1209:40 188 1209:28 185 1209:16 179 1209:04 175 1208:52 170 1208:40 165 1208:28 161 1208:16 15

1:100,888 (1.38nm per inch) Radar ViewPoint(tm) by Airways Technology, Inc.

1211:52



*** 1211:40



225 1211:28



221 1211:16



218 1211:04



214 1210:52



211 1210:40



207 1210:28



204 1210:16



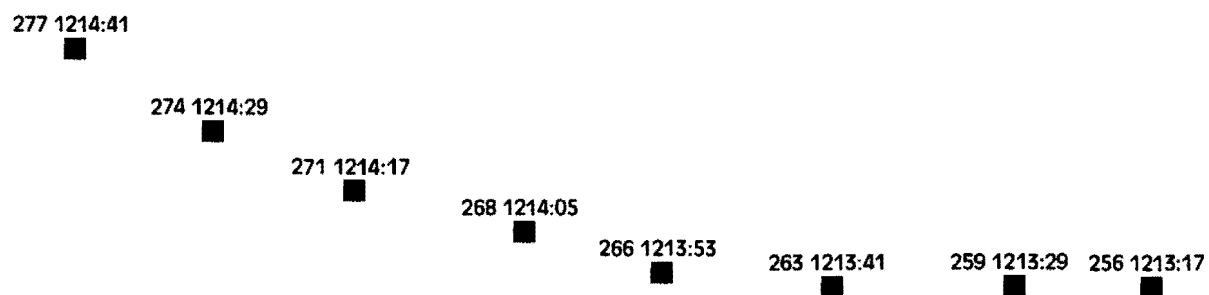
200 1210:04



19

1:400,888 (1.38nm per inch) Radar ViewPoint(tm) by Airways Technology, Inc.

259 1213:29 256 1213:17 254 1213:05 251 1212:53 247 1212:41 244 1212:29 240 1212:16 237 1212:05 *** 1211:52 *** 121



1:117,175 (1.61nm per inch) Radar ViewPoint(tm) by Airways Technology, Inc.

215:41

287 1215:29

284 1215:17

281 1215:05

279 1214:53

277 1214:41

274 1214:29

271 1214:

1:100,888 (1.38nm per inch) Radar ViewPoint(tm) by Airways Technology, Inc.

89 1216:53



288 1216:41



289 1216:29



289 1216:17



289 1216:05



289 1215:53



289 1215:41



287



1:100,888 (1.38nm per Inch) Radar ViewPoint(tm) by Airways Technology, Inc.

289 1217:52



289 1217:41



289 1217:29



289 1217:17



289 1217:05



289 1216:53



288 1216:41



1:100,888 (1.38nm per inch) Radar ViewPoint(tm) by Airways Technology, Inc.

289 1218:51



289 1218:40



289 1218:16



289 1218:04



289 1217:52



1:100,888 (1.38nm per inch) Radar ViewPoint(tm) by Airways Technology, Inc.

1220:01
■

289 1219:49
■

289 1219:37
■

289 1219:25
■

289 1219:14
■

289 1218:51
■

289

1:100,888 (1.38nm per inch) Radar ViewPoint(tm) by Airways Technology, Inc.

289 1220:48



289 1220:36



289 1220:24



289 1220:12



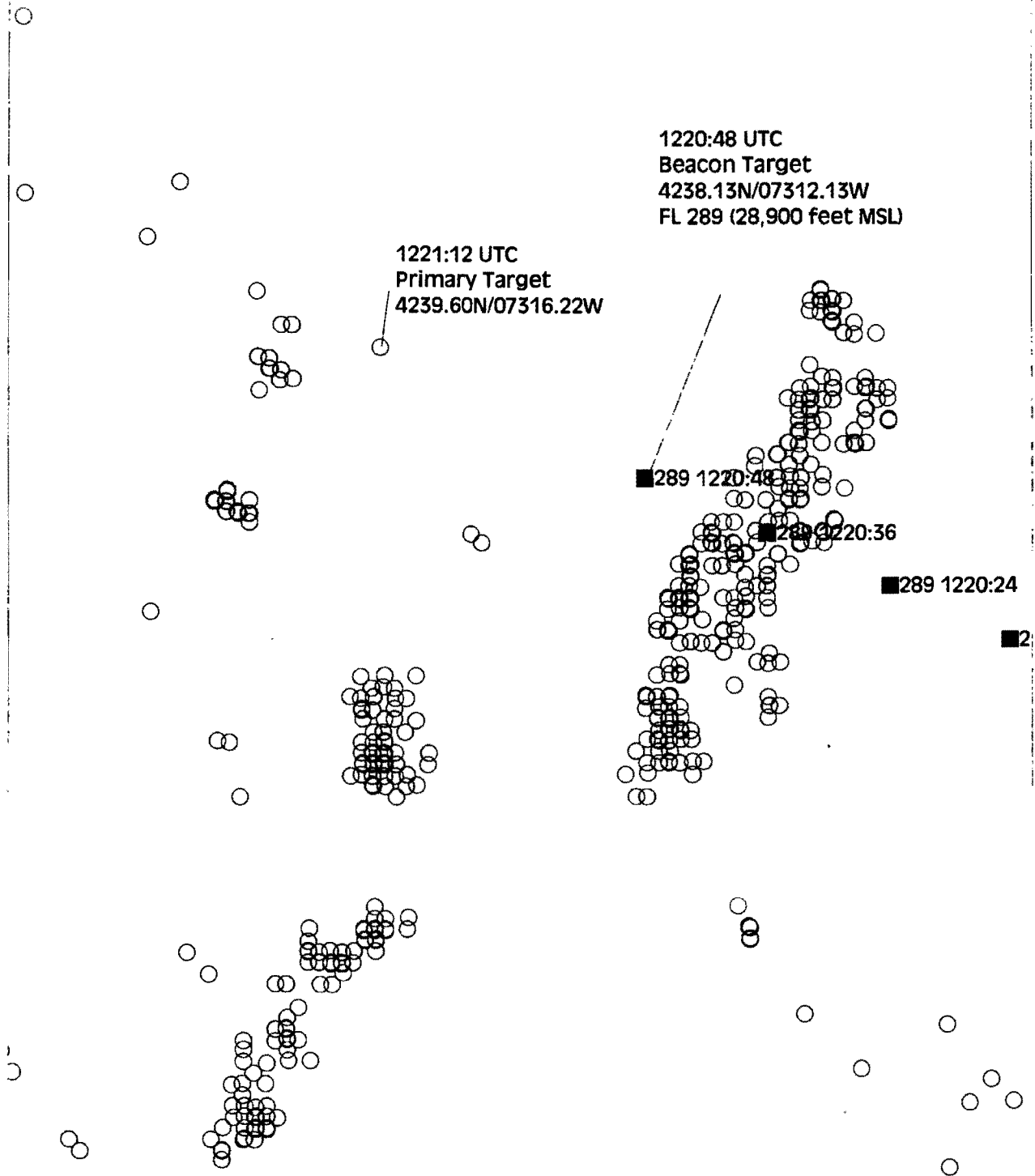
289 1220:01



289 1219:49

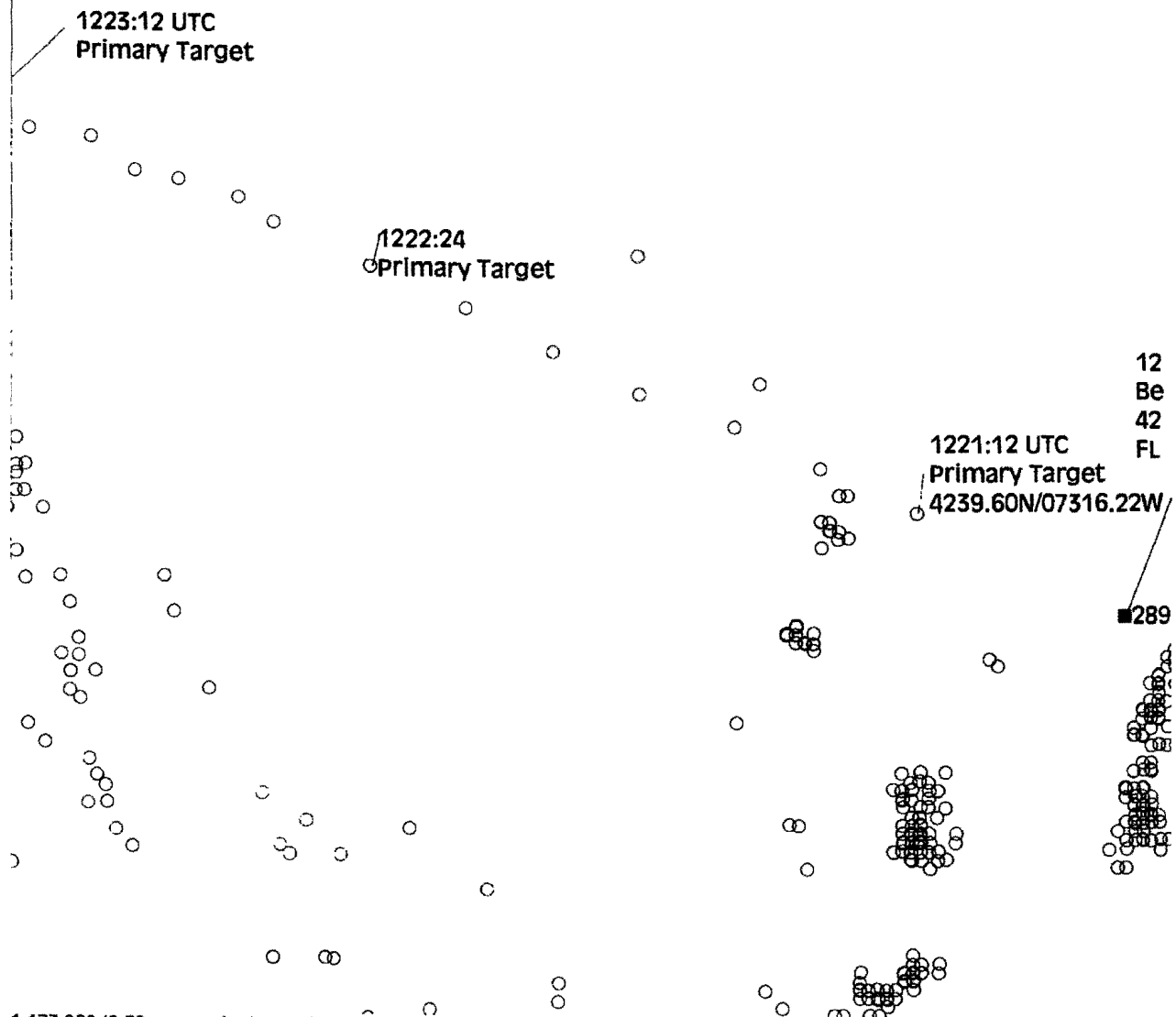


1:100,888 (1.38nm per inch) Radar ViewPoint(tm) by Airways Technology, Inc.

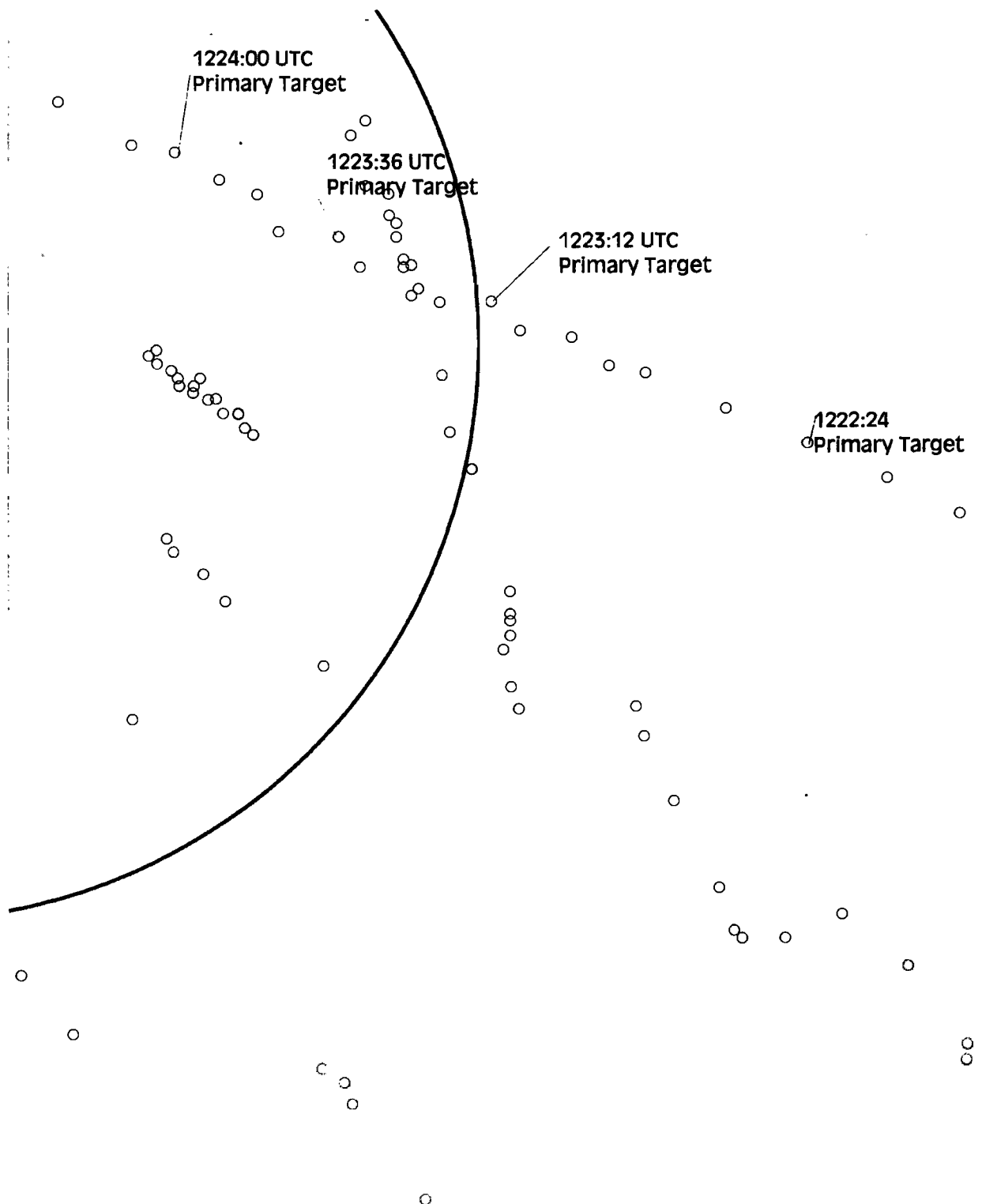


1:120,593 (1.65nm per inch) Radar ViewPoint(tm) by Airways Technology, Inc.

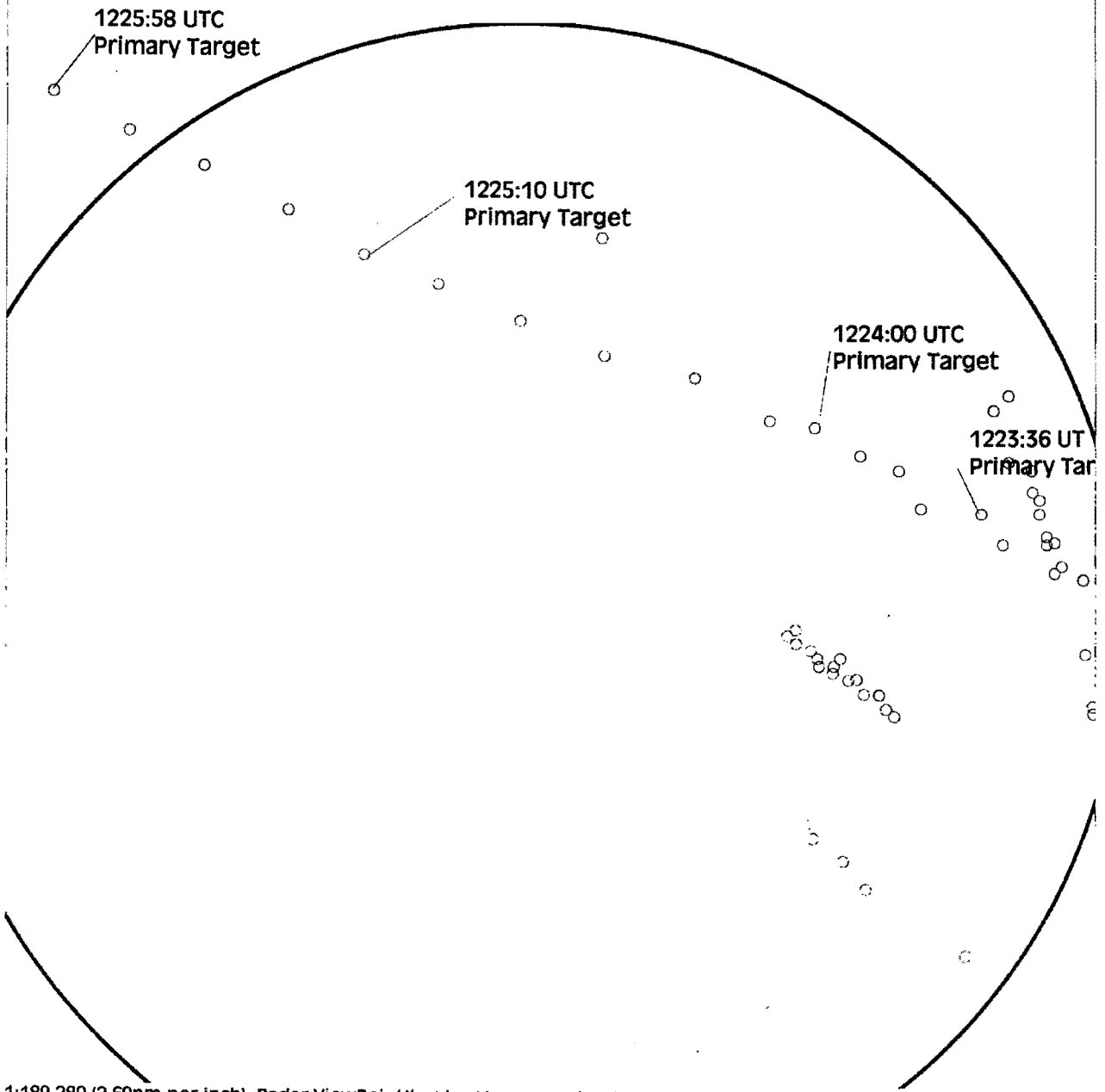
AAL11, (RF) 9/17/01
Sept 8, 01
Primary Targets
1221:12 - 1234:32 UTC



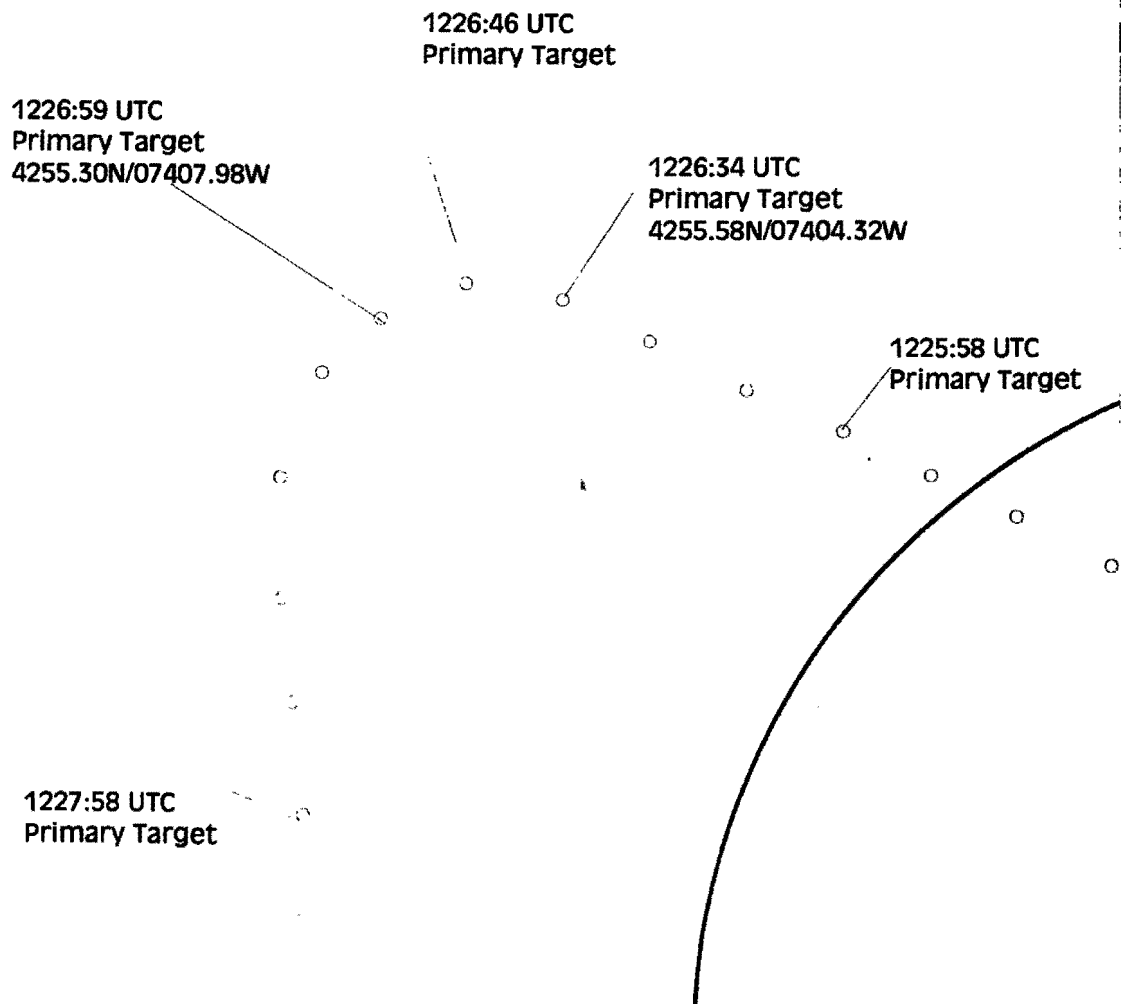
1:173,999 (2.39nm per inch) Radar ViewPoint(tm) by Airways Technology, Inc.



1:177,809 (2.44nm per inch) Radar ViewPoint(tm) by Airways Technology, Inc.



1:189,280 (2.60nm per inch) Radar ViewPoint(tm) by Airways Technology, Inc.



1:189,280 (2.60nm per Inch) Radar ViewPoint(tm) by Airways Technology, Inc.

1227:58 UTC
Primary Target

1228:35 UTC
Primary Target

1229:23 UTC
Primary Target

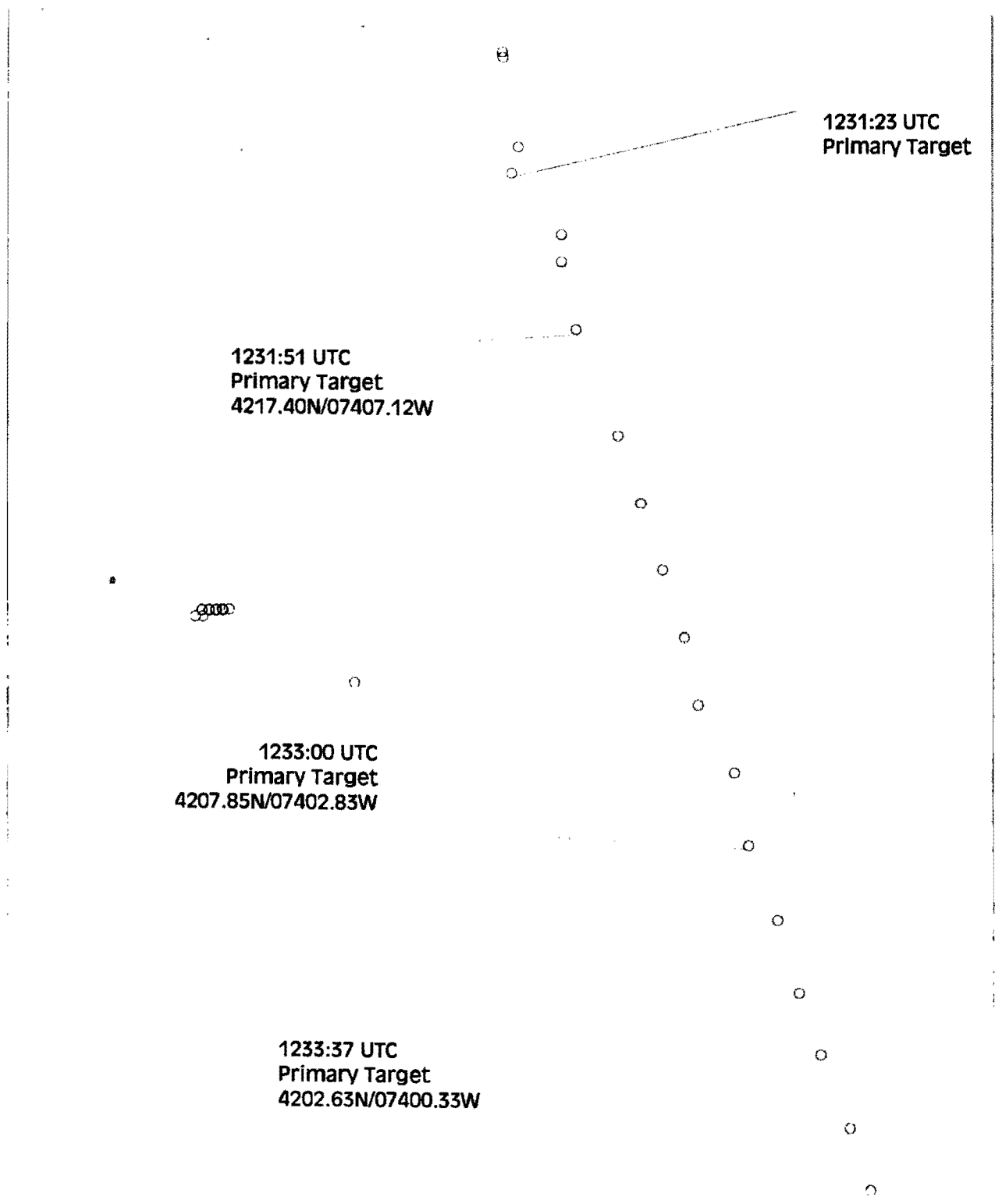
1:189,280 (2.60nm per inch) Radar ViewPoint(tm) by Airways Technology, Inc.

1229:23 UTC
Primary Target

1230:12 UTC
Primary Target

1230:59 UTC
Primary Target

1231:23 UTC
Primary Target



1:189,280 (2.60nm per inch) Radar ViewPoint(tm) by Airways Technology, Inc.



A radar plot showing the movement of a primary target over time. The plot is a series of small circles connected by a dashed line, indicating a path. The path starts at the top left and moves generally downwards and to the right, with some fluctuations. The background is white with some faint, scattered marks.

1233:00 UTC
Primary Target
4207.85N/07402.83W

1233:37 UTC
Primary Target
4202.63N/07400.33W

1234:32 UTC
Primary Target
4155.55N/07356.67W

ZBW-ARTCC-148

1 AAL11

ZBW ARTCC - DOW.DINDX SEP 11, 2001
RDP TRACK REPORT FOR AIRCRAFT AAL11

0	ENTRY TIME	EXIT TIME	ENTRY MEANS	EXIT MEANS	DAT	AC TYPE	FP TYPE	FLIGHT PLAN			
SECTOR 47	1205	1208	START	TO-S46	A/C	8762	DEPT	805	TO	LAX	FL 350
SECTOR 46	1208	1213	FM-S47	TO-S38	A/C	8762	DEPT	805	TO	LAX	FL 350
SECTOR 38	1213	1226	FM-S46	TO-S09	A/C	8762	DEPT	805	TO	LAX	FL 350
SECTOR 09	1226	1227	FM-S38	TO-S38	A/C	8762	DEPT	805	TO	LAX	FL 350
SECTOR 38	1227	1233	FM-S09	TO-S20	A/C	8762	DEPT	805	TO	LAX	FL 350
SECTOR 20	1233	1259	FM-S38	DROP	A/C	8762	DEPT	805	TO	LAX	FL 350

E2 TMU ADVSY REQUEST ELT REPORTS ON FREQ 121.5
CMK DIAL TMU AT 02 WITH RPTS ZBWTMU101215ZWD

E2 TMU ADVS..GROUND STOP ALL DEPTS VIA CMK AND SAXAIRBORNE
HOLDING.....ZBWTMU111258ZZX

E2 TMU ADVS..GROUND STOP ALL DEPTS.....ZBWTMU111304ZZX

E2 TMU ADVS...GROUND STOP ALL AIRCRAFT IFR OR VFR EVERYTHING UNTIL
UFANO EXCEPTIONS....ZBWTMU111327OP

E2 TMU ADVS..ALL MILITARY AIRCRAFT....IN TRAINING... VERIFY IN
TRAINING.... MUST RETURN TO BASE AS SOON AS POSSIBLE....
ZBWTMU111338OP

2 TMU ADVS..ALL AIRBORNE AIRCRAFT...PLEASE ASK AIRCRAFT TO LAND AS
SOON AS POSSIBLE....GET EVERYBODY ON THE GROUND ASAP.....SOLICIT
IVERTS....ZBWTMU111349ZZX

ZBW-ARTCC-148
AAL11

6

E3 ZBW IS ATC ZERO....ZBWOM111448MJ

E3 ALL REQUEST FOR MEDICAL EMERGENCY MILITARY LAW ENFORCEMENT
FLIGHTS IN THE CONTINENTAL US ARE TO BE MADE TO TMU FOR COORDINATION.
..ZBWTM111502

E3 ZBW ADVZY.....EXPECT CALLS FROM ZBW AS WE RETURN TO OPS...
ZBWOM111538MJ

AIRCRAFT ACCIDENT/INCIDENT PRELIMINARY NOTICE			
US Department of Transportation Federal Aviation Administration			
FROM (Office of origin)		TO	DATE (GMT)
CODE	(First words of text) AIRCRAFT ACCIDENT/INCIDENT PRELIMINARY NOTICE—Part 1		
A	1 INFORMATION FROM BOSTON ARTCC		
B	1 REGISTRATION NO. AAL11	2 MAKE AND MODEL BOEING 762	3 OPERATOR OF AIRCRAFT AMERICAN AIRLINES, INC
	4 TYPE OF ACTIVITY (Air taxi, instruction, pleasure, aerial appl., business, executive, sightseeing, etc.) IF KNOWN COMMERCIAL		
	5 BRIEF DESCRIPTION OF CIRCUMSTANCES SURROUNDING OCCURRENCE AIRCRAFT IMPACT WITH WORLD TRADE CENTER NORTH TOWER		
6 WEATHER DATA			
7 AIRCRAFT DAMAGE A <input checked="" type="checkbox"/> DESTROYED B <input type="checkbox"/> SUBSTANTIAL C <input type="checkbox"/> MINOR D <input type="checkbox"/> FIRE E <input type="checkbox"/> NONE			
C	OCCUPANTS—INDICATE INJURIES: FATAL, SERIOUS, MINOR, NONE		
	1 NAME AND ADDRESS OF PILOT/INJURY JOHN OGONOWSKI / FATAL DRA CUT, MA		2 NAMES OF CREW/INJURIES THOMAS MCGWINNESS / FATAL
			3 NO. OF PASSENGERS/INJURIES 81 / FATAL
D	1 LOCATION OF OCCURRENCE (Nearest city/town and state (give route if overdue or missing)) NEW YORK, NY		
E	1 DATE AND TIME OF OCCURRENCE IN GMT 9/11/2001 1246 UTC		
F	1 INFORMATION ON COVERAGE OF OCCURRENCE BY FAA, NTSB, OTHER UNKNOWN		
G	FAA AIR TRAFFIC SERVICES SUMMARY OF FLIGHT HANDLING		
	1A LAST DEPARTURE POINT BOSTON (BOS)	1B DATE AND TIME (GMT) 9/11/2001 1159 UTC	1C INTENDED DESTINATION LOS ANGELES (LAX)
	2A LAST RADIO CONTACT/POSITION AND/OR RADAR POSITION 1213:31 UTC / 16 MILES SOUTHWEST OF GARDNER, MA		
	3A LAST ATC CONTROL CLEARANCE TWENTY DEGREE RIGHT TURN		
	4 FLIGHT PLAN A <input checked="" type="checkbox"/> IFR B <input type="checkbox"/> VFR C <input type="checkbox"/> NONE D <input type="checkbox"/> UNKNOWN		
	5 PILOT BRIEFING A <input type="checkbox"/> YES B <input type="checkbox"/> NO C <input checked="" type="checkbox"/> UNKNOWN		
	6A OTHER		
RECEIVED AT		DELIVERED TO	TIME
RECEIVED VIA <input type="checkbox"/> IN PERSON <input type="checkbox"/> RADIO <input type="checkbox"/> TELEPHONE		RECEIVED BY (Signature & Title)	
NOTE: Part 2 <input type="checkbox"/> ON OTHER SIDE <input type="checkbox"/> ON SEPARATE FORM <input checked="" type="checkbox"/> NOT REQUIRED			

AIRCRAFT ACCIDENT/INCIDENT PRELIMINARY NOTICE

FROM (Office of origin)	PREPARED BY	DATE (GMT)	TIME (GMT)
-------------------------	-------------	------------	------------

CODE	(First words of text) AIRCRAFT ACCIDENT/INCIDENT PRELIMINARY NOTICE—Part 2
------	---

H	1 REGISTRATION NO.	2 MAKE AND MODEL	3 DATE OF ACCIDENT/INCIDENT (GMT)
----------	--------------------	------------------	-----------------------------------

I	STATUS OF POTENTIALLY INVOLVED AIRWAY FACILITIES (CHECK <input checked="" type="checkbox"/> MARK STATUS AS INDICATED BY MONITOR OR REPORTED BY A. F. TECHNICIAN)									
	1 FACILITY TYPE	2 LOCATION/RUNWAY IDENTIFIER	3 JUST PRIOR TO OCCURRENCE		4 AT TIME OF OCCURRENCE		5 FLIGHT INSPECTION			
			A NORMAL	B ABNORMAL OR OUT OF SERVICE	A NORMAL	B ABNORMAL OR OUT OF SERVICE	CON-DUCTED		SATIS-FACTORY	
							A YES	B NO	C YES	D NO

6 REMARKS (Explain briefly any entry above that is check marked as abnormal, or out of service)

J	STATUS REPORT RECEIVED FROM PILOTS OR OTHERS				
	List below any facilities reported by pilots or other persons as either operating normally, abnormally, or out of service just prior to, at the time of, or immediately following the time of the accident				
	1 FACILITY TYPE	2 LOCATION/RUNWAY IDENTIFIER	3 IDENTIFICATION NO. OF AIRCRAFT AND NAME OF PERSON FROM WHOM REPORT WAS RECEIVED	4 STATUS REPORT (Normal, abnormal, out of service, etc.)	5 TIME OBSERVATION (GMT)

RECEIVED AT	DELIVERED TO	DATE (GMT)	TIME (GMT)
-------------	--------------	------------	------------

RECEIVED VIA	RECEIVED BY (Signature & Title)
<input type="checkbox"/> IN PERSON <input type="checkbox"/> RADIO <input type="checkbox"/> TELEPHONE	

NOTE: PART 1	<input type="checkbox"/> ON OTHER SIDE <input type="checkbox"/> ON SEPARATE FROM
--------------	--

ZBW-ARTCC-148
AAE11

HCSZBW ZBWQA 11/14/01 18:15:34 UTC WAS THE ORIGIN
DEST: FRT202 FILE: 208 NAME: SIE00911 AREA-ALL DIST: GAS
RECS: 490 PRINT DATE: 11/14/01 18:15:34

8

D09	DX	07	00:25	00:59	00:34	000:48
D09	XL	04	00:59	01:15	00:16	000:59
D09	SP	04	01:15	01:26	00:11	004:13
D09	EY	07	01:26	01:43	00:17	002:22
D09	DD	01	01:43	01:56	00:13	000:43
D09	SP	04	01:56	03:39	01:43	005:56
D09	BK	09	03:39	04:00	00:21	000:21
D09	ET	03	09:29	11:11	01:42	001:42
D09	WE	05	11:11	11:16	00:05	000:05
D09	RC	06	11:16	12:16	01:00	001:11
D09	PN	05	12:16	13:22	01:06	003:06
D09	CH	05	13:22	14:13	00:51	002:13
D09	WE	05	14:13	14:23	00:20	001:33
D09	GG	05	14:33	15:39	01:06	002:00
D09	CC	02	15:41	18:23	02:42	006:47
D09	BL	06	18:23	18:35	00:12	000:12
D09	KH	02	18:35	19:21	00:46	000:46
D09	XL	04	19:21	19:26	00:05	000:05
D09	BL	06	19:26	20:23	00:57	001:09
D09	MN	01	20:23	21:04	00:41	000:41
D09	BL	06	21:04	21:30	00:26	001:35
D09	IB	02	21:30	22:03	00:33	000:33
D09	DD	01	22:03	22:33	00:30	000:30
D09	BL	06	22:33	22:44	00:11	001:46
D09	EY	07	22:44	23:34	00:50	002:05
D09	KH	02	23:34	23:44	00:10	000:56
D09	SP	04	23:44	00:25	00:41	004:02
R09	KH	06	00:11	00:44	00:33	001:29
R09	KC	04	00:44	01:22	00:38	001:13
R09	KH	02	01:22	01:40	00:18	001:47
R09	NJ	02	01:40	01:43	00:03	000:03
R09	DX	07	01:43	03:11	01:28	002:16
R09	PN	05	03:11	04:00	00:49	004:14
R09	WX	03	04:00	04:01	00:01	000:01
R09	DX	07	04:01	04:15	00:14	000:14
R09	WX	03	04:15	04:35	00:20	000:21
R09	HV	03	07:34	09:23	01:49	001:49
R09	PN	05	09:23	11:23	02:00	002:00
R09	HJ	04	11:23	12:18	00:55	001:52
R09	CC	02	12:18	13:24	01:06	002:59
R09	MK	06	13:24	14:14	00:50	001:30
R09	PN	05	14:14	14:33	00:19	003:25
R09	CC	02	14:33	15:39	01:06	004:05
R09	GG	05	15:39	17:17	01:38	003:38
R09	LN/H	05	16:49	18:24	01:35	004:35
R09	SP	04	17:17	19:12	01:55	001:55
R09	EY	07	19:12	20:27	01:15	001:15
R09	SP	04	20:27	21:29	01:02	002:57
R09	JR	06	21:29	22:02	00:33	000:33
R09	SP	04	22:02	22:26	00:24	003:21
R09	KC	04	22:26	23:01	00:35	000:35
R09	BL	06	23:01	23:33	00:32	002:18
R09	XL	04	23:33	00:11	00:38	000:43
D10	PH	05	11:33	12:05	00:32	001:03
D10	ET	03	12:05	13:17	01:12	002:54

*

BOS

EOS

D10	LN	05	13:17	14:29	01:12	002:17
R10	OD	08	09:38	11:31	01:53	001:53
R10	LN	05	11:31	12:36	01:05	001:05
R10	RY	04	12:36	13:31	00:55	002:43
R10	ZR	03	13:31	14:29	00:58	002:06
R10	LN	05	15:39	16:22	00:43	003:00
R10	TC	09	16:22	16:48	00:26	000:26
D22	DN	05	10:42	11:02	00:20	000:20
D22	PH	05	11:02	11:33	00:31	000:31
D22	DC	04	13:46	14:29	00:43	001:50
R22	HJ	04	09:30	10:27	00:57	000:57
R22	CH	05	10:27	10:54	00:27	000:27
R22	ZR	03	10:54	11:11	00:17	000:17
R22	RP	01	11:11	12:09	00:58	001:38
R22	WE	05	12:09	13:17	01:08	001:13
R22	RC	06	13:17	14:06	00:49	002:00
R22	ST	03	14:06	14:29	00:23	003:17
D23	RY	04	10:47	12:35	01:48	001:48
D23	PH	05	12:35	13:35	01:00	002:03
D23	GO	05	13:35	13:41	00:06	000:06
R23	RP	01	09:54	10:34	00:40	000:40
R23	DC	04	10:34	11:41	01:07	001:07
R23	CH	05	11:41	12:36	00:55	001:22
R23	MK	06	12:36	12:49	00:13	000:40
R23	RP	01	12:49	13:41	00:52	002:30
R23	GO	05	13:41	14:29	00:48	000:54
D24	EZ	05	13:54	14:13	00:19	002:18
R24	EZ	05	09:29	10:23	00:54	000:54
R24	RC	06	10:23	10:34	00:11	000:11
R24	MK	06	10:34	11:01	00:27	000:27
R24	EZ	05	11:01	12:06	01:05	001:59
R24	ZR	03	12:06	12:57	00:51	001:08
R24	HJ	04	12:57	14:13	01:16	003:08
R24	EZ	05	14:13	14:29	00:16	002:34
D36	AH	15	09:58	10:36	00:38	000:38
D36	ZJ	15	10:36	10:53	00:17	000:17
D36	OF	16	10:53	11:35	00:42	000:42
D36	ZJ	15	11:35	12:19	00:44	001:01
D36	JO	14	12:19	13:02	00:43	002:30
D36	RT	16	13:02	13:39	00:37	001:35
D36	EN	16	13:39	14:28	00:49	002:25
D36	VW	11	18:59	19:54	00:55	001:11
R36	AG	17	00:00	00:32	00:32	002:32
R36	WB	17	00:32	00:40	00:08	005:22
R36	FZ	11	00:40	00:53	00:13	001:08
R36	NG	11	00:53	01:19	00:26	003:24
R36	TJ	11	01:19	01:49	00:30	001:52
R36	DH	11	01:49	02:07	00:18	001:09
R36	FZ	11	02:07	02:25	00:18	001:26
R36	NO	15	02:25	02:27	00:02	002:58
R36	FZ	11	02:27	02:46	00:19	001:45
R36	NO	15	09:34	10:12	00:38	000:38
R36	BO	15	10:12	10:37	00:25	000:25
R36	PU	16	10:37	11:00	00:23	000:23
R36	EN	16	11:00	11:44	00:44	000:44

Selection Detail Report

Date: Monday, September 17, 2001

Time: 8:32:27 AM

FAA

DATE	TIME	DURATION HHH:MM:SS	Extension	DIALED NUMBER	LOCATION	CALL TYPE	Trunk	ACCO
09/11/01	08:28	0:01:30	6779	673-9352	MILFORD	LOCAL	19126	
09/11/01	08:29	0:00:00	6752	7812740357	LEXINGT MA	INCOM	19101	
09/11/01	08:29	0:00:36	6317	1-800-468-4647		SPCL	19127	
09/11/01	08:29	0:01:48	6729	6035295813	WEARE	INCOM	19101	
09/11/01	08:29	0:02:12	6605	7812740357	LEXINGT MA	INCOM	19102	
09/11/01	08:29	0:02:42	6812	1-781-238-7420	BURLING MA	OS-OL	12523	
09/11/01	08:30	0:00:06	6454	7702107758	JONESBO GA	INCOM	19104	
09/11/01	08:30	0:13:42	6655	781-238-7011	BURLING MA	OS-OL	12522	
09/11/01	08:31	0:00:54	6656	631-468-1402		IS-IL	12521	
09/11/01	08:31	0:00:48	6677	6034293027	MERRIMACK	INCOM	19101	
09/11/01	08:31	0:01:12	6475	504-587-9700	NEWORLE LA	OS-OL	12518	
09/11/01	08:32	0:00:36	6812	1-781-238-7921	BURLING MA	OS-OL	12523	
09/11/01	08:32	0:00:48	6317	1-800-468-4647		SPCL	19129	
09/11/01	08:32	0:01:18	6909	673-5455	MILFORD	LOCAL	19130	
09/11/01	08:32	0:03:12	6666			INCOM	19104	
09/11/01	08:33	0:00:36	6395			INCOM	19101	
09/11/01	08:33	0:00:06	6905			INCOM	12501	
09/11/01	08:33	0:00:54	6377	617-355-7114	BROOKLI MA	OS-OL	12521	
09/11/01	08:33	0:00:48	6749			INCOM	19102	
09/11/01	08:33	0:04:30	6860	888-0243	NASHUA	LOCAL	19131	
09/11/01	08:34	0:00:00	6965	5089818813	WORCEST MA	INCOM	19101	
09/11/01	08:34	0:00:06	6379	5089818813	WORCEST MA	INCOM	19101	
09/11/01	08:34	0:00:06	6409	6094856627	PLEASAN NJ	INCOM	19102	
09/11/01	08:34	2:42:42	6920	1-800-578-6939		SPCL	19132	
09/11/01	08:35	0:00:06	6722			INCOM	19101	
09/11/01	08:36	0:00:48	6656	440-774-0425	OBERLIN OH	OS-OL	12523	
09/11/01	08:36	0:00:12	6655	9252944131 SFO ARINC	LIVERMO CA	INCOM	19101	
09/11/01	08:38	0:00:18	6811			INCOM	12501	
09/11/01	08:39	0:11:36	6868	4059549983	OKLA CI OK	INCOM	12501	
09/11/01	08:39	0:22:06	6876	484-3470	NASHUA	LOCAL	19134	
09/11/01	08:40	0:00:18	6655			INCOM	19101	
09/11/01	08:41	0:00:24	6808	6314681019		INCOM	12502	
09/11/01	08:41	0:00:24	6632			INCOM	19101	
09/11/01	08:41	0:00:24	6728			INCOM	19103	
09/11/01	08:41	2:00:36	6898	484-4638	NASHUA	LOCAL	19135	
09/11/01	08:42	0:01:00	6494			INCOM	19104	
09/11/01	08:42	0:00:06	6728			INCOM	19101	

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09/11/01	08:43	0:00:12	6517	2028631917	WASHING DC	INCOM	19102
09/11/01	08:43	0:02:24	6656	6038880969	NASHUA	INCOM	19102
09/11/01	08:44	0:00:06	6675	2028631917	WASHING DC	INCOM	19103
09/11/01	08:44	0:00:48	6789			INCOM	19101
09/11/01	08:44	0:00:54	6813	893-4640	SALEM	LOCAL	19136
09/11/01	08:44	0:01:36	6933			INCOM	12502
09/11/01	08:44	0:09:18	6722	5188846642	BALLSTN NY	INCOM	19104
09/11/01	08:44	0:48:48	6658	781-238-7011	BURLING MA	OS-OL	12523
09/11/01	08:45	0:01:12	6919			INCOM	19101
09/11/01	08:46	0:00:42	6826	703-771-3491	LEESBUR VA	OS-OL	12522
09/11/01	08:46	0:01:06	6841			INCOM	12502
09/11/01	08:47	0:00:36	6655	631-468-5959		IS-IL	12522
09/11/01	08:47	0:06:06	6665	888-4122	NASHUA	LOCAL	19144
09/11/01	08:48	0:00:36	6682	6038970136	NASHUA	INCOM	19102
09/11/01	08:49	0:00:54	6729			INCOM	19101

R36	PU		16	11:44	12:25	00:41	001:04
R36	EN		16	12:25	13:14	00:49	001:33
R36	RU		16	13:14	13:47	00:35	000:42
R36	JX		15	13:49	13:52	00:03	000:55
R36	JO		14	13:52	14:15	00:23	002:53
R36	AH		15	14:15	14:28	00:13	001:33
R36	EN		16	15:36	17:10	01:34	003:59
R36	AG		17	17:10	18:00	00:50	000:50
R36	NQ		11	18:00	18:58	00:58	000:58
R36	DH		11	18:58	19:09	00:11	000:11
R36	GR		11	19:09	19:23	00:14	000:14
R36	WW		17	19:23	19:41	00:18	000:18
R36	AG		17	19:41	19:54	00:13	001:37
R36	VW		11	19:54	20:20	00:26	001:37
R36	WW		17	20:20	20:26	00:06	000:24
R36	TJ		11	20:26	21:01	00:35	000:59
R36	NQ		11	21:01	21:30	00:29	001:27
R36	DH		11	21:30	21:31	00:01	000:19
R36	VW		11	21:30	21:30	00:00	001:37
R36	NQ		11	21:31	21:31	00:00	001:27
R36	VW		11	21:31	21:31	00:00	001:37
R36	VW		11	21:31	21:59	00:28	002:05
R36	TJ		11	21:59	22:16	00:17	001:16
R36	FZ		11	22:16	22:24	00:08	000:45
R36	GR		11	22:24	22:39	00:15	001:02
R36	VW		11	22:39	23:04	00:25	002:30
R36	WW		17	23:04	23:13	00:09	000:50
R36	NQ		11	23:13	23:48	00:35	002:34
R36	DH		11	23:48	00:00	00:12	000:51
R37	RT		16	10:34	10:46	00:12	000:12
R37	KI		15	10:46	10:58	00:12	000:12
R37	KI	JX	15	10:58	11:03	00:05	000:22
R37	XH		14	11:03	11:41	00:38	001:28
R37	KI	JX	15	11:41	12:25	00:44	001:06
R37	OF		16	12:25	13:07	00:42	001:24
R37	RU		16	13:07	13:14	00:07	000:07
R37	KI	JX	15	13:16	13:47	00:31	001:37
R37	KI		15	13:47	13:52	00:05	000:17
R37	XH		14	13:52	14:14	00:22	002:34
D38	SO		14	11:36	12:51	01:15	001:15
D38	ZJ		15	13:28	13:51	00:23	001:47
D38	RL		14	13:51	14:15	00:24	001:48
D38	RS		19	14:15	18:24	04:09	006:51
D38	WB		17	18:24	19:17	00:53	000:53
D38	WB		17	21:48	00:32	02:44	005:14
R38	NQ		11	00:10	00:34	00:24	002:58
R38	GR		11	00:34	00:57	00:23	001:28
R38	WW		17	00:57	01:03	00:06	000:56
R38	WB		17	01:03	01:20	00:17	005:39
R38	JF		19	01:20	01:39	00:19	000:24
R38	GR		11	01:39	02:27	00:48	002:16
R38	ID		15	02:27	03:26	00:59	001:36
R38	AH		15	03:26	04:00	00:34	002:07
R38	FY		14	BOS 04:00	04:35	00:35	000:35
R38	LP		14	07:37	09:32	01:55	001:55

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EOS

R38	ID	15	09:32	09:45	00:13	000:13
R38	JD	14	09:45	11:32	01:47	001:47
R38	JW	12	11:32	11:58	00:26	000:26
R38	NO	15	11:58	12:49	00:51	002:19
R38	AH	15	12:49	13:31	00:42	001:20
R38	NO	15	13:31	14:09	00:38	002:56
R38	LY	16	14:09	14:21	00:12	000:47
R38	RU	16	14:21	15:35	01:14	001:56
R38	RT	17	15:35	15:43	00:08	001:44
R38	RT	16	15:43	16:49	01:06	002:50
R38	CF	16	16:49	17:34	00:45	003:10
R38	EN	16	17:34	18:09	00:35	004:34
R38	VW	11	18:09	18:25	00:16	000:16
R38	AG	17	18:25	18:59	00:34	001:24
R38	YY	16	18:59	19:17	00:18	000:18
R38	WB	17	19:17	19:41	00:24	001:17
R38	DH	11	19:41	19:48	00:07	000:18
R38	YY	16	19:48	20:22	00:34	000:52
R38	FZ	11	20:22	20:50	00:28	000:28
R38	WW	17	20:50	21:07	00:17	000:41
R38	YY	16	21:07	21:29	00:22	001:14
R38	FZ	11	21:29	21:38	00:09	000:37
R38	GR	11	21:38	22:11	00:33	000:47
R38	NQ	11	22:11	22:43	00:32	001:59
R38	DH	11	22:43	23:03	00:20	000:39
R38	AG	17	23:03	23:26	00:23	002:00
R38	FZ	11	23:26	23:36	00:10	000:55
R38	TJ	11	23:36	23:42	00:06	001:22
R38	GR	11	23:42	23:45	00:03	001:05
R38	YY	16	23:45	23:53	00:08	001:22
R38	VW	11	23:53	00:10	00:17	002:47
D39	RS	19	10:00	11:01	01:01	001:01
D39	RS	19	11:42	13:05	01:23	002:24
D39	ZJ	15	13:05	13:28	00:23	001:24
D39	RS	19	14:11	14:14	00:03	002:42
R39	JX	15	09:36	10:28	00:52	000:52
R39	RL	14	10:28	10:48	00:20	000:20
R39	LY	16	10:48	11:23	00:35	000:35
R39	RL	14	11:23	11:47	00:24	000:44
R39	RT	16	11:47	12:33	00:46	000:58
R39	JW	12	12:33	13:23	00:50	001:16
R39	PU	16	13:23	14:09	00:46	001:50
R39	JW	12	14:09	14:14	00:05	001:21
A52	GI	YB	19	EOS 04:00	04:35	00:35
A52	JL		12	EOS 04:00	04:35	00:35
A52	PQ	YB	15	09:43	13:17	03:34
A52	PQ		15	13:17	13:56	00:39
A52	RS	YB	16	13:17	13:56	00:39
A52	PQ	YB	15	13:56	19:40	05:44
A52	RS		16	13:56	14:11	00:15
A52	PQ		15	19:40	04:00 EOS	08:20
A52	TJ	YB	15	19:40	20:02	00:22
A52	JF	YB	11	20:02	20:30	00:28
A52	TJ		15	20:02	20:26	00:24
A52	JF		11	20:30	20:35	00:05

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E: SIS00911 AREA-ALL A1 VM/ESA V2.4.0 Host Computer System

A52	WB	YB	17	20:30	20:35	00:05	005:44	
A52	JF	YB	11	20:35	01:20	04:45	005:37	*
A52	WB		17	20:35	21:48	01:13	002:30	
D52	LY	EH	16	11:57	12:34	00:37	001:24	
D52	RL		14	12:34	13:04	00:30	001:14	
D52	LY	EH	16	13:04	13:36	00:32	001:56	
D52	EN		16	13:36	13:39	00:03	001:36	
D52	RT		16	13:41	13:42	00:01	001:36	
D52	CF		16	13:42	14:28	00:46	002:10	
R52	XH		14	09:23	10:22	00:50	000:50	
R52	ID		15	10:23	10:47	00:24	000:37	
R52	NO		15	10:47	11:36	00:49	001:27	
R52	ID	BB	15	11:36	12:21	00:45	002:21	
R52	XH		14	12:21	13:05	00:44	002:12	
R52	RL		14	13:05	13:15	00:10	001:24	
R52	ID	BB	15	13:15	14:07	00:52	003:13	
R52	ZJ		15	14:07	14:23	00:16	002:03	
R52	JW		12	14:23	14:27	00:04	001:25	
R52	JX		15	14:27	14:28	00:01	000:56	
R52	CF		16	16:02	16:17	00:15	002:25	
D31	YR		25	13:01	14:11	01:10	001:29	
R31	RB		25	10:18	10:58	00:40	000:40	
R31	ZP		26	10:58	11:12	00:14	000:14	
R31	YR		25	11:12	11:24	00:12	000:12	
R31	SJ		24	11:24	11:45	00:21	001:28	
R31	GH		26	11:45	12:44	00:59	001:06	
R31	SR		25	12:44	13:22	00:38	001:10	
R31	GH		26	13:22	13:58	00:36	001:42	
R31	RB		25	13:58	14:25	00:27	002:25	
D32	BE		27	17:53	18:37	00:44	000:44	
D32	SV		26	18:42	04:00	09:18	009:18	*
R32	AO		24	02:27	04:00	01:33	002:08	
R32	AO	BO5	24	04:00	04:04	00:04	000:04	
R32	SJ		24	09:40	10:30	00:50	000:50	
R32	OL		24	10:30	10:59	00:29	000:29	
R32	TF		24	10:59	11:35	00:36	001:22	
R32	OL		24	11:35	12:17	00:42	001:11	
R32	GF		26	12:17	13:00	00:43	000:43	
R32	LM		23	13:00	13:24	00:24	000:24	
R32	VI		25	13:24	14:03	00:39	002:31	
R32	SR		25	14:03	16:28	02:25	003:35	*
R32	BT		25	16:28	18:37	02:09	002:09	*
R32	BE		27	18:37	19:18	00:41	001:25	
R32	BN		27	19:18	19:29	00:11	001:04	
R32	YH		27	19:29	20:12	00:43	000:43	
R32	OU		22	20:12	21:21	01:09	001:09	
R32	CP		27	21:21	21:22	00:01	000:05	
R32	YH		27	21:22	22:08	00:46	001:29	
R32	OU		22	22:08	23:12	01:04	002:13	
R32	CP		27	23:12	23:49	00:37	000:42	
R32	YH		27	23:49	01:42	01:53	004:33	
R34	OV		26	10:17	10:35	00:18	000:18	
R34	LT		24	10:35	11:09	00:34	000:34	
R34	VI		25	11:09	11:49	00:40	001:39	
R34	SC		25	11:49	12:50	01:01	001:01	

R34	VI	25	12:50	13:03	00:13	001:52
R34	RB	25	13:03	13:29	00:26	001:58
R34	SJ	24	13:29	14:28	00:59	002:48
R34	DL	24	14:28	15:38	01:10	002:50
D46	TV	25	12:27	12:29	00:02	001:07
R46	TV	25	10:07	10:34	00:27	000:27
R46	GB	24	10:34	11:09	00:35	000:35
R46	TV	25	11:09	11:47	00:38	001:05
R46	ZP	26	11:47	12:29	00:42	000:56
R46	MO	26	13:16	13:29	00:13	000:22
D47	YR	25	02:59	04:00	01:01	002:30
D47	DL	26	BOS 04:00	04:35	00:35	000:35
D47	VI	25	10:01	11:00	00:59	000:59
D47	GH	26	11:00	11:07	00:07	000:07
D47	SJ	24	11:07	11:24	00:17	001:07
D47	YR	25	11:29	11:36	00:07	000:19
D47	RB	25	11:36	12:28	00:52	001:32
D47	MO	26	12:28	12:37	00:09	000:09
D47	SJ	24	12:37	12:58	00:21	001:49
D47	UC	25	13:47	13:53	00:06	001:23
D47	BN	27	18:25	19:18	00:53	000:53
D47	YH	22	20:13	20:37	00:24	000:24
D47	GA	27	20:37	22:33	01:56	001:56
D47	YM	27	22:38	23:49	01:11	002:40
D47	GA	27	23:59	02:59	03:00	005:33
R47	OR	21	01:03	01:38	00:35	000:54
R47	OU	22	01:38	01:42	00:04	003:28
R47	YM	27	01:42	02:19	00:37	005:10
R47	OR	21	02:19	02:59	00:40	001:34
R47	XU	24	02:59	04:00	01:01	002:33
R47	XU	24	BOS 04:00	04:04	00:04	000:04
R47	AQ	24	04:04	04:35	00:31	000:35
R47	QN	24	07:37	08:04	00:27	000:27
R47	XU	24	08:04	09:32	01:28	001:32
R47	TF	24	09:32	10:18	00:46	000:46
R47	UC	25	10:18	11:35	01:17	001:17
R47	SR	25	11:35	12:07	00:32	000:32
R47	TF	24	12:07	12:55	00:48	002:10
R47	LT	24	12:55	12:58	00:03	000:37
R47	DL	24	13:05	13:34	00:29	001:40
R47	GF	26	13:34	13:53	00:19	001:02
R47	UC	25	13:53	13:54	00:01	001:24
R47	GF	26	13:54	14:27	00:33	001:35
R47	RB	25	14:27	15:40	01:13	003:38
R47	UC	25	15:40	16:31	00:51	002:15
R47	LT	24	16:31	16:33	00:02	000:39
R47	LM	23	16:33	17:44	01:11	001:35
R47	VI	25	17:44	18:18	00:34	003:05
R47	AN	27	18:18	19:41	01:23	001:23
R47	OP	27	19:41	19:45	00:04	000:04
R47	OR	21	19:45	20:04	00:19	000:19
R47	BE	27	20:04	21:23	01:19	002:44
R47	YH	22	21:23	21:58	00:35	000:59
R47	BE	27	21:58	22:33	00:35	003:19
R47	GA	27	22:33	23:10	00:37	002:33

*

R47	YH	22	23:10	23:52	00:42	001:41	
R47	OU	22	23:52	01:03	01:11	003:24	
D02	FM	31	10:37	11:52	01:15	001:15	
D02	DB	33	13:17	14:06	00:49	001:46	
D02	SA	36	14:06	18:51	04:45	006:01	*
R02	XD	35	10:31	11:09	00:38	000:38	
R02	SU	35	11:09	11:21	00:12	000:42	
R02	SA	36	11:21	11:50	00:29	000:39	
R02	XD	35	11:50	12:05	00:15	000:53	
R02	DB	33	12:05	12:21	00:16	000:57	
R02	BA	36	12:21	13:24	01:03	001:10	
R02	DQ	32	13:24	18:51	05:27	006:24	*
D15	SB	33	14:03	14:29	00:26	001:01	
R15	AU	35	12:47	13:40	00:53	000:53	
R15	SU	35	13:40	14:29	00:49	002:03	
D16	SU	35	03:11	04:00	00:49	002:52	
D16	BI	31	07:35	09:57	02:22	002:57	*
D16	SU	35	09:57	10:27	00:30	000:30	
D16	MD	32	10:27	10:38	00:11	000:11	
D16	DQ	32	10:38	11:18	00:40	000:40	
D16	BA	36	11:18	11:25	00:07	000:07	
D16	MD	32	11:25	12:02	00:37	000:48	
D16	DQ	35	12:02	13:33	01:31	002:10	
D16	DQ	35	14:31	18:22	03:51	006:21	*
D16	TP	32	18:22	19:00	00:38	000:38	
D16	PM	31	19:00	19:50	00:50	000:50	
D16	SK	35	19:50	21:28	01:38	001:38	
D16	PM	31	21:28	21:53	00:25	001:23	
D16	PM	31	21:54	02:19	04:25	005:49	*
R16	DA	31	01:15	02:19	01:04	002:49	
R16	PM	31	02:19	02:37	00:18	006:07	
R16	DB	33	02:37	03:28	00:51	002:37	
R16	PJ	35	03:28	04:00	00:32	002:10	
R16	BI	31	BOS 04:00	04:35	00:35	000:35	
R16	PJ	35	07:34	10:12	02:38	002:38	*
R16	SB	33	10:12	10:35	00:23	000:23	
R16	DB	33	10:35	11:16	00:41	000:41	
R16	JY	35	11:16	12:00	00:44	000:44	
R16	DQ	32	12:00	12:17	00:17	000:57	
R16	PE	36	12:17	13:08	00:51	000:51	
R16	MV	33	13:08	13:51	00:43	001:42	
R16	BA	36	13:51	14:33	00:42	001:52	
R16	XD	35	14:33	15:35	01:02	002:42	
R16	AJ	36	15:40	18:22	02:42	002:42	*
R16	HB	35	18:22	19:12	00:50	000:50	
R16	DA	31	19:12	20:08	00:56	000:56	
R16	TP	32	20:08	21:27	01:19	001:57	
R16	DA	31	21:27	21:53	00:26	001:22	
R16	PM	31	21:53	21:54	00:01	001:24	
R16	HH	37	22:00	22:16	00:16	000:16	
R16	TP	32	22:16	22:38	00:22	002:19	
R16	SK	35	22:38	23:36	00:58	002:36	
R16	DA	31	23:36	23:59	00:23	001:45	
R16	VV	37	23:59	00:43	00:44	002:35	
D18	RN	39	03:11	04:00	EOS 00:49	000:49	

D18	LO	37	10:32	12:01	01:29	001:29	
D18	FM	31	12:02	12:14	00:12	001:27	
D18	SU	35	12:14	12:46	00:32	001:14	
D18	XD	35	12:46	13:20	00:34	001:27	
D18	LO	37	14:36	15:46	01:10	003:21	
D18	MD	32	15:46	19:15	03:29	004:17	*
D18	LO	37	19:15	03:11	07:56	011:17	*
R18	TP	32	00:00	00:20	00:20	002:39	
R18	HH	37	00:20	00:43	00:23	000:39	
R18	VV	37	00:43	01:14	00:31	003:06	
R18	SK	35	01:14	01:55	00:41	003:17	
R18	DZ	31	01:55	04:00	02:05	002:05	*
R18	EO	37	805 04:00	04:35	00:35	000:35	
R18	EO	37	07:34	10:01	02:27	003:02	*
R18	MV	33	10:01	10:31	00:30	000:30	
R18	SA	36	10:31	10:41	00:10	000:10	
R18	DO	35	10:41	11:20	00:39	000:39	
R18	SB	33	11:20	11:32	00:12	000:35	
R18	MV	33	11:32	12:01	00:29	000:59	
R18	LO	37	12:01	12:43	00:42	002:11	
R18	SA	36	12:43	13:20	00:37	001:16	
R18	XD	35	13:20	13:33	00:13	001:40	
R18	DO	35	13:33	13:53	00:20	002:30	
R18	PE	36	13:53	15:35	01:42	002:33	
R18	XD	34	15:35	15:37	00:02	002:44	
R18	XD	35	15:37	17:55	02:18	005:02	*
R18	VV	37	17:55	19:20	01:25	001:25	
R18	BP	31	19:20	19:53	00:33	000:33	
R18	TN	31	19:53	20:03	00:10	000:10	
R18	PM	31	20:03	20:11	00:08	000:58	
R18	VV	37	20:11	20:37	00:26	001:51	
R18	TN	31	20:37	00:00	03:23	003:33	*
D05	GP	45	03:39	04:00	00:21	004:25	
D05	PV	44	805 04:00	04:35	00:35	000:35	
R05	ZA	46	00:14	00:19	00:05	000:05	
R05	NY	41	00:19	01:01	00:42	000:42	
R05	ZA	46	01:01	01:41	00:40	000:45	
R05	KL	46	01:41	03:25	01:44	003:24	
R05	GP	45	03:25	03:39	00:14	004:04	
R05	KL	46	03:39	04:00	00:21	003:45	
R05	JZ	44	805 04:00	04:35	00:35	000:35	
R05	KY	44	07:23	09:26	02:03	002:03	*
R05	BR	44	09:26	10:30	01:04	001:04	
R05	FX	46	10:30	10:38	00:08	000:08	
R05	HK	46	10:38	11:10	00:32	000:32	
R05	BR	44	11:10	11:59	00:48	001:52	
R05	DE	45	11:59	12:22	00:24	001:25	
R05	KT	46	12:22	12:57	00:35	001:07	
R05	FX	46	12:57	13:38	00:41	001:19	
R05	KT	46	13:38	13:58	00:20	001:27	
R05	DE	45	13:58	16:03	02:05	004:05	*
R05	ZX	47	16:03	16:49	00:46	001:10	
R05	DE	45	16:49	17:06	00:17	004:22	
R05	KR	47	17:06	18:17	01:11	001:11	
R05	MG	47	18:17	18:55	00:38	000:38	

R05	KR	47	12:55	19:32	00:37	001:48
R05	EK	41	19:32	20:08	00:36	000:36
R05	MG	47	20:08	20:30	00:22	001:00
R05	OD	41	20:30	21:13	00:43	000:43
R05	EK	41	21:13	21:50	00:37	001:13
R05	OD	41	21:50	22:44	00:54	001:37
R05	KR	47	22:44	23:36	00:52	002:40
R05	OD	41	23:36	00:14	00:38	002:15
D06	BR	44	12:19	12:54	00:35	002:27
D06	OT	46	12:54	13:13	00:19	000:43
R06	DE	45	10:22	11:29	01:01	001:01
R06	ST	46	11:29	11:38	00:09	001:01
R06	KL	46	11:38	12:04	00:26	001:02
R06	GP	45	12:04	13:54	01:50	003:42
R19	HT	46	11:14	11:45	00:31	000:32
R19	HK	46	11:45	12:04	00:19	000:51
R19	HC	45	12:04	12:47	00:43	000:43
R19	KL	46	12:47	13:10	00:23	001:25
R19	FB	43	13:10	13:55	00:45	001:27
D20	ST	46	11:00	11:29	00:29	000:52
D20	WD	49	12:08	13:13	01:05	001:05
D20	OT	46	13:13	14:29	01:16	001:59
R20	GP	45	09:29	11:21	01:52	001:52
R20	FX	46	11:21	11:51	00:30	000:38
R20	FS	43	11:51	12:33	00:42	000:42
R20	HT	46	12:33	13:03	00:30	001:03
R20	DE	45	13:03	13:38	00:35	002:00
R20	HT	46	13:38	13:59	00:21	001:24
R20	HC	45	13:59	14:06	00:07	000:57
R20	KL	46	14:06	14:21	00:15	001:40
R20	GP	45	14:21	14:29	00:08	003:50
R21	ST	46	10:07	10:30	00:23	000:23
R21	HT	46	10:30	10:32	00:02	000:02
R21	KL	46	10:32	11:08	00:36	000:36
R21	KT	46	11:08	11:40	00:32	000:32
R21	OT	46	11:40	12:04	00:24	000:24
R21	ST	46	12:04	12:44	00:40	001:41
R21	HK	46	12:44	13:11	00:27	001:18
R21	ST	46	13:11	13:48	00:37	002:18
R21	HC	45	13:48	13:55	00:07	000:50
R21	ZX	49	15:38	16:02	00:24	000:24

28

DATE: TUESDAY, SEPTEMBER 11, 2001
SHIFT: DAY NTMS: II NTMO: MA

POSITION: 15
AREA: EAST

WX: BOS 110524Z 110606 27010KT P6SM SCT025 OVC035
TEMPO 0608 BKN025
FM0800 29010KT P6SM SCT040 BKN250
FM1300 30008KT P6SM SCT250
FM1600 33011G20KT P6SM SCT050
FM2200 34010KT P6SM FEW050
BECMG 0002 SKC
DTW 110530Z 110606 27006KT P6SM SKC
FM1400 30007KT P6SM FEW050
BECMG 1618 VRB03KT
FM0400 18005KT P6SM SKC
PIT 110525Z 110606 29003KT P6SM SKC
TEMPO 0912 4SM BR
FM1500 33008KT P6SM SCT040
FM0000 VRB03KT P6SM SKC

CENTERS:

CENTER	STAFFING	OUTAGES THAT MAY CAUSE DELAYS
ZBW	NORMAL	NONE
ZOB	NORMAL	NONE

TERMINALS:

ARPT/GDP CODE	TIME	OUTAGES	ARRVL RWYS	DPTR RWYS
BOS B	1000	NONE	4R/L 68	4L/R/9 VAPS 55
PIT P	1000	NONE	32/28R 80	28R/L VAPS
DTW D	1000	NONE	22L/21L 72	22L/21R/L VAPS
CLE H	1000	NONE	6L/R 40	6L/R VAPS

ATCSCC EAST AREA LOG

1000 | | T. SMITH (II) ON, BRIEFED.
1014 | | ZOB/ZID...20 MIT, DTW, 1045-1130, VOL. VIA CETUS.
1100 | | FACILITY CHECK INS: ZBW/ZOB BOTH EXPECTING GOOD SHIFTS.
1131 | | ZBW/ZNY...DISCUSSED SWF DEPARTURES WITH LHY OTS. THE FLIGHT PLANS
| | FOR MDW110/CAA689 ARE SHOWING XXX AND NOT ASSIGNED ROUTE.
1200 | | ZOB/ZAU...DYNAMIC MIT APPLIED TO 3 DTW ARRIVALS. 20 MIT.
1204 | | ZOB/ZAU...REQUESTING RELIEF ON THE OXI MIT FOR 4 AIRCRAFT THAT
| | ARE BUNCHED UP IN SOUTHWEST ZOB. ZAU APPROVED 20 MIT.
1228 | | ZBW...ADVISES THEY HAVE LOST RADIO CONTACT WITH AAL11, BOS-LAX.
| | THE FLIGHTS TRANSPONDER IS NOT BEING RECIEVED AT THIS TIME. ZBW
| | STATES THE CONTROLLERS BELIEVE THEY HEARD SOME SORT OF THREAT
| | COMING FROM THE COCKPIT AND ARE CONCERNED THAT IT COULD BE A
| | POTENTIAL HIJACK SITUATION. THE AIRCRAFT IS CURRENTLY ON THE TSD
| | APPROXIMATELY 37 MILES SW OF ALB TRACKING SOUTHWESTBOUND. ZBW IS
| | TRACKING THE PRIMARY TARGET AND ARE PULLING THE TAPES TO REVIEW
| | TRANSMISSIONS. ZOB/ZNY (ADJACENT CENTERS) ADVISED. NTMO/NOM
| | ADVISED. NTMO CONTACTED AAL WHO SAID THEY ARE ALSO TRYING TO
| | CONTACT THE FLIGHT.
1240 | | ZBW/N90...ADVISED OF AAL11. THE AIRCRAFT APPEARS TO BE SLOWING

| | DOWN AND IS HEADING IN THE DIRECTION OF NYC. ZBW STATES THAT THE
 | | PILOT IS KEEPING THE MIKE KEYED AND THE HIJACK HAS BEEN
 | | CONFIRMED. THE SPECIFIC THREAT WAS NOT RELAYED. FIGHTERS FROM FMH
 | | (OTIS) ARE BEING SCRAMBLED.
 1244 | | DCC/ZDC...ADVISED OF AAL11. IF FLIGHT CONTINUES SOUTH IT WILL
 | | ENTER ZDC'S AIRSPACE.
 1251 | | ZBW ADVISES THEY HAVE LOST THE TRACK ON AAL11, B767. AN ELT IS
 | | BEING RECIEVED.
 1252 | | AIRCRAFT OBSERVED CRASHED INTO SIDE OF WORLD TRADE CENTER IN NEW
 | | YORK. IT IS BELIEVED TO BE AAL11.
 1255 | | ZDC/ZOB ADVISED OF AAL11.
 1303 | | 2ND A/C HITS WORLD TRADE CENTER. THIS ONE HITS THE OTHER TOWER.
 1304 | | ZBW...ALL DEPARTURES ARE STOPPED.
 1305 | | DCC...GROUND STOP ON ZNY1 DEPARTURES AND ALL ARRIVALS INTO NY.
 1314 | | ZBW...ADVISES THAT THE SECOND AIRCRAFT THAT CRASHED INTO THE
 | | WORLD TRADE CENTER WAS ALSO A BOS-LAX FLIGHT, UAL175, B767. ZBW
 | | DAL1989 IS ANOTHER BOS-LAX FLIGHT, STATUS BEING CHECKED.
 1324 | | BOS GROUND STOP DUE TO SECURITY CONCERNS, UPDATE 1430. ADVSY 029.
 1327 | | DEPARTURES STOPPED NATIONWIDE.
 1340 | | ZOB ADVISES THAT UAL93 HAS STARTED TO DESCEND. THERE HAS NOT BEEN
 | | ANY CONTACT WITH THE FLIGHT FOR SOME TIME. UAL93, EWR-SFO, B757.
 1342 | | AIRCRAFT CRASHES INTO PENTAGON. TYPE/CALLSIGN UNKNOWN.
 1345 | | ZOB ADVISES THAT THEY THINK THEY HAVE LOCATED THE PRIMARY FOR
 | | UAL93, THEY BELIEVE IT IS HEADING FOR WASHINGTON, 29 MINUTES OUT.
 | | UAL93, B757, EWR-SFO. ON TSD THE FLIGHT SHOWS 50 SOUTH OF CLE.
 1350 | | ZOB ADVISES. PIT ATCO. REASON UNKNOWN.
 1352 | | ZOB ADVISES DAL1989 IS DESCENDING, LOCATION 20 SOUTH OF EWC.
 1354 | | ZOB STATES THERE IS "MILITARY ACTIVITY"?
 1355 | | ZOB GIVES ESTIMATED LOCATION OF UAL 93 AS OVER JST SE BOUND.
 1357 | | DAL ADVISES THAT DAL1989 IS NOT A TRIP FLIGHT.
 1403 | | DAL1989 TALKING TO CLE, NOT BEING TREATED AS HIJACK.
 1405 | | ADVISED THERE IS A NWA AIRCRAFT, PIT-DC MISSING.
 1405 | | ZOB...UAL HAS TURNED ON TRANSPODER (SAME CODE) INDICATING 8,200'.
 1406 | | ZOB ADVISES CLE WILL TREAT DAL1989 AS A TRIP AIRCRAFT.
 1406 | | ZOB...UAL93 POSITION IS 16 SOUTH OF JST, 140 HEADING. WHEN IT
 | | LOST RADAR.
 1407 | | ZOB ADVISES THERE IS A REPORT OF BLACK SMOKE IN VICINITY OF LAST
 | | REPORTED POSITION OF UAL93.
 1407 | | ADVISED BY J.WHITE THAT NWA, PIT-DC, AIRCRAFT IS FOUND.
 1408 | | ZOB...LAST KNOWN POSITION OF UAL93 IS 3951N-07846W.
 1408 | | DCC NOTE: AIRCRAFT BEING TRACKED. 3295/2355
 1411 | | DCC NOTE: A1 DEPARTING SRQ. CHANGED DESTINATION/ROUTE.
 1412 | | ZOB...CONFIRMATION BY A VFR AIRCRAFT OF DOWNED AIRCRAFT IN THE
 | | AREA SUSPECTED TO BE UAL93.
 1417 | | ZOB/PIT...NOW ACCEPTING AIRCRAFT. NO LONGER ATCO.
 1418 | | DAL1989, ON THE GROUND IN CLE, TAXIING TO REMOTE AREA.
 1420 | | ZOB/PIT...PIT ADVISES THEY CAN ACCEPT UP TO 6 MORE AIRCRAFT.
 1422 | | ZOB...NTMO ADVISES THAT PIT WILL BE CONSIDERED AN ALTERNATE,
 | | POSSIBLY FORCING USE OF RUNWAYS FOR PARKING.
 1423 | | ZOB...CHECKING ON MEP411, MKE-DCA. ZDC CANNOT LOCATE AIRCRAFT.
 1425 | | PIT ADVISES THAT WITH RWY'S USED , 50 A/C ARE POSSIBLE.
 1426 | | DCC NOTE: TSD TRAFFIC COUNTS: ALL-2151, SHOWN (US/CANADA) 1205.
 1430 | | MEP411 CONFIRMED DIVERTED TO CMH. CONFIRMED W/MEP OPS-ZID.
 1430 | | ZOB...FACILITY IS USING ONLY SKELETON CREW. NON ESSENTIAL
 | | PERSONNEL HAVE BEEN SENT HOME. ESSENTIALS ARE IN PARKING LOT.
 1431 | | ALL WASHINGTON METRO TERMINALS CLOSED IN/OUT.
 1435 | | ADVISED ZBW EVACUATING.
 1435 | | ZOB ADVISES THAT CLE/DTW ARE AVAILABLE FOR DIVERTS.
 1435 | | ATCO AT ZBW.
 1439 | | ZOB...N4 (ATTORNEY GENERAL) REFUSING TO LAND IN ZOB, REQUESTING

| TO CONTINUE TO ADW. J. WHITE APPROVED CONTINUING ONTO ADW.
 | ADVISED THERE MAY NOT BE ANY ATC SERVICES.
 1440 | DCC NOTE: UAL93 SUSPECTED OF HITTING CAMP DAVID. UNCONFMED.
 1444 | ZOB ADVISED THAT N4 WILL NOT BE ALLOWED INTO ZDC AIRSPACE.
 1446 | ZOB...ZID LOST RADIO/RADAR
 1447 | N4 APPROVED FOR PHL LANDING, CHECKING ON RIC.
 1448 | N4 APPROVED TO RIC.
 1450 | ZOB...ZID ADVISES THE LAST KNOWN POSITION FOR AAL77 WAS YRK080/10
 | AT 1256Z.
 1451 | AAL DOES NOT KNOW WHEREABOUTS OF AAL77.
 1455 | DCC NOTE: TSD TRAFFIC COUNTS: ALL-1416, SHOWN (US/CANADA) 893.
 1456 | PHL ADVISES THEY LOST USA633. PHL-LAS.. ON TSD, FL310 NEAR NY.
 1456 | ZOB...ADVISES THAT N4 REQUESTED A FIGHTER ESCORT AS THEY LEFT
 | FREQ. ZID ADVISED.
 1500 | ZOB REDUCING STAFFING EVEN MORE AS STATE POLICE REPORT A SMALL
 | AIRCRAFT CIRCLING ZOB. FACILITY ESSENTIALLY EVACUATED.
 1503 | ZOB NOW ON NATIONAL TELCON AT SPO POSITION. ZOB ATC0.
 1504 | N4 ADVISES ZID THEY HAVE CONFIRMED WITH B. PEACOCK TO LAND AT
 | DCA. FOR NOW, CONTINUE TO RIC.
 1511 | N4 APPROVED FOR LANDING IN WASHINGTON.
 1515 | JEFF BROOKS, ROC ANG, REQUESTING TO ALLOW OH58'S TO DEPART FORT
 | DRUM (GTB) TO NYC. NTMO ADVISES. FLIGHTS ARE NOT GOING TO RECEIVE
 | ATC SERVICE, BUT WILL NOT BE DENIED TO DEPART.
 1523 | N4 GIVEN ZDC FREQUENCY/CODE.
 1525 | BOS TOWER...MASSPORT REQUESTING DCC TO CONFIRM THAT IT WAS UAL175
 | THAT CRASHED. DCC ADVISES THE CONFIRMATION WOULD HAVE TO COME
 | FROM UAL.
 1528 | IAD CONFIRMS THAT AAL77 DEPARTED FOR LAX AT 0820L/1220Z.
 1546 | FTW ADVISES THERE IS A VFR A/C 20 SE
 1550 | D. MAHER (DM) ON.
 1556 | CLE ADVISES THAT DAL1989 IS ON THE WEST SIDE OF THE FIELD. FBI IS
 | ON SCENE. NO ONE HAS GOTTEN OFF AIRCRAFT. ONLY AIRCRAFT IN
 | AIRSPACE IS AN F16 CIRCLING ABOVE.
 1607 | BDL ADVISED OF NOMAD FLIGHTS FROM BDL-TEB., NOMAD261/097/077/ 2ND
 | FLIGHT IS NOMAD216/004/120.
 1610 | 2 FLIGHTS SAID TO BE IN DISTRESS. ACA065/COA57...COA57 RETURNING
 | TO LFPG.
 1620 | SCATANA NOT APPROVED AT THIS TIME.
 1622 | DCC ABOUT TO ADVISE MILITARY THEY HAVE AIRSPACE.
 1624 | NOMAD FLIGHTS APPROVED TO DEPART. BDL-TEB.
 1626 | SCATANA ABOUT TO BE DECLARED.
 1628 | ZBW...ADVISES THEY RECIEVED A FAX SHOWING SCATANA LEVEL D.
 1629 | ZAN...UAL REFUSING TO LAND AT WHITEHORSE CANADA. INSISTING TO
 | LAND AT ZNC OR FAI.
 1638 | ZOB...REQUEST FOR TRP6 (GOV OF PA) ERI DEPT APPVD.
 1644 | SCT ADVISES OF A POSSIBLE HIJACK BTWN SAN-SFO. ZOA/ZLA NO AWARE.
 1657 | FLIGHT REQUEST: JEFF BROOKS, NY ANG, REQUESTING APPROVAL FOR
 | BLACKHEART758, TAIL #16758, ROC-ALB, OH58 HELO, P1800. INFO
 | FORWARDED.
 1658 | UAL FLIGHTS IN ZAN ARE NOT ALLOWED TO LAND AT ANC OR FAI.
 1659 | NAVCANADA IS ADVISING THAT US FLIGHTS ARE NOT ALLOWED TO LAND AT
 | THE MAJOR CANADIAN TERMINALS. THE SECONDARY AIRPORTS ARE APPRVD.
 1706 | FLIGHT REQUEST: BDL-TEB, NOMAD04, 2/UH1, P1800, BEACON CODE
 | 3453. INFORMATION FORWARDED TO MAKESHIFT UNIT HANDLING REQ.
 1711 | FLIGHT REQUEST: BDL-DXR-34TH ST. HELIPAD. N76UT, SK76, P-NOW,
 | INFORMANTION FORWARDED TO MAKESHIFT UNIT HANDLING REQ. THIS IS
 | THE FIRST OF THE BDL HELICOPTER REQUESTS MADE.
 1746 | ATCSCC ADVZY 039 DCC 09/11/01 ADVISORY
 | ALL MILITARY FLIGHTS REQUESTING TO DEPART ARE REQ TO FORWARD
 | THEIR REQUESTS THROUGH MILITARY CHANNELS.

111740-112359
01/09/11 17:46 FSA.//wkstn15 703-708-5115
1749 | | ZMA/ZNY...DISCUSSED STATUS OF LDA31, B763, EDDM-MIA. ZNY ADVISES
| | THAT THEY ARE NOT WORKING THE FLIGHT AND HAVE NO INFORMATION ON
| | IT. THE TSD SHOWS THE FLIGHT NORTH OF BDA.
1752 | | BOS...REQUESTING APPROVAL FOR 2 FLIGHTS. SP (STATE POLICE) 04,
| | HELO, CODE 4661 AND SP9, PA32, CODE 4677. THIS FLIGHT IS
| | AIRBORNE. BOS SAYS THAT OWD TOWER RELEASED THE FLIGHT.
1759 | | COL. ADAMS, PILOT IN SJU THAT HAD TO DIVERT IS REQUESTING INFO ON
| | HOW TO GET APPROVAL ON FERRY FLIGHT TO LFI IN A C12, GIVEN INFO.
1817 | | TELCON..STILL NOT IN SCATANA YET. MILITARY IS APPROVING ALL FLT.S.
1821 | | TELCON: FROM NORAD-LOCAL LAW ENFORCEMENT, MEDEVACS AS WELL AS
| | MILITARY, DO NOT REQUIRE NORAD APPROVAL.
1830 | | ATCSCC ADVISORY 041 ADVISES OF THE AUTHORIZATION OF MEDICAL
| | EMERGENCY, MILITARY, AND LAW ENFORCEMENT FLIGHTS.
1844 | | TORONTO CENTER ADVISES THEY WILL ACCEPT FLIGHTS INTO CANADIAN
| | AIRPORTS. YYZ/YUL, ETC.
1854 | | CLARIFICATION: THE COAST GUARD IS CONSIDERED THE MILITARY AT THIS
| | TIME.
1900 | | ZJX...ASKING ABOUT SOME LOCAL LAW ENFORCEMENT HELO FLIGHTS, I
| | REFERRED THEM TO ATCSCC ADVISORY 041 FOR GUIDANCE.
1915 | | TELCON...ZLA ADVISES THERE IS A BOMB IN THE PARKING LOT OF LAX.
1942 | | AAL9015, DFW-BOS, B757, IS APPROVED FOR FLIGHT.
1945 | | ZBW...FLINT311, DEA AIRCRAFT, OWD-FRG, CODE3560. APPROVED.
1953 | | ZOB FACILITY CHECK...INQUIRED AS THE AVAIL. OF FAA FACILITIES
| | AND EQUIPMENT. ZOB STATES THEY HAVE ALL FACILITIES AND NAVAIDS UP
| | AND USABLE. ZOB STAFFING IS NOT AN ISSUE.
1955 | | ZBW FACILITY CHECK: NORMAL OPERATIONS, NO DIFFULTIES.
2005 | | MASSPORT CALL...NO FIRM DECISION ABOUT STATUS OF BOS. ESTIMATES
| | FOR REOPENING TERMINAL IS NOON TOMORROW.
2008 | | IAD ADVISES THAT MWAA IS SAYING THE AIRPORT IS CLOSED AT THIS
| | TIME. ALL APROVALS WILL HAVE TO COME THROUGH MWAA.
*****SHIFT SUMMARY*****
| | 1228 - AAL11 HIJACKED, BOS-LAX.
| | 1252 - AAL11 CRASHES INTO WORLD TRADE CENTER IN NEW YORK.
| | 1303 - 2ND AIRCRAFT CRASHES INTO WORLD TRADE CENTER.
| | 1327 - ALL TRAFFIC STOPPED IN COUNTRY.
| | 1342 - AIRCRAFT CRASHES INTO PENTAGON IN WASH DC. AAL77/UNCONFIRM
| | 1340-1407 UAL93, EWR-SFO, B757, HIJACKED, CRASHES IN PA.
| | 1418 - DAL1418, BOS-LAX, ON GROUND IN CLE, IN BOMB ALERT AREA.
| | 1830 - ATCSCC ADVSY 041 AUTHORIZES LIFEGUARD/MILITARY/LAW FLT.S.

2030 | | POSITION COMBINED AT POS 14, II OFF.

DATE: TUESDAY, SEPTEMBER 11, 2001
 SHIFT: DAY NTMS: II NTMO: MA
 EVE NTMS: @ NTMO: @
 POSITION: 15
 AREA: EAST
 WX: BOS 110524Z 110606 27010KT P6SM SCT025 OVC035
 TEMPO 0608 BKN025
 FM0800 29010KT P6SM SCT040 BKN250
 FM1300 30008KT P6SM SCT250
 FM1600 33011G20KT P6SM SCT050
 FM2200 34010KT P6SM FEW050
 BECMG 0002 SKC
 DTW 110530Z 110606 27006KT P6SM SKC
 FM1400 30007KT P6SM FEW050
 BECMG 1618 VRB03KT
 FM0400 18005KT P6SM SKC
 PIT 110525Z 110606 29003KT P6SM SKC
 TEMPO 0912 4SM BR
 FM1500 33008KT P6SM SCT040
 FM0000 VRB03KT P6SM SKC

CENTERS:

CENTER	STAFFING	OUTAGES THAT MAY CAUSE DELAYS
ZBW	NORMAL	NONE
ZOB	NORMAL	NONE

TERMINALS:

ARPT/GDP CODE	TIME	OUTAGES	ARRVL RNWYS AAR	DPTR RNWYS APCH ADR
BOS B	1000	NONE	4R/L 68	4L/R/9 VAPS 55
PIT P	1000	NONE	32/28R 80	28R/L VAPS
DTW D	1000	NONE	22L/21L 72	22L/21R/L VAPS
CLE H	1000	NONE	6L/R 40	6L/R VAPS

ATCSCC EAST AREA LOG

1000 | T. SMITH (II) ON, BRIEFED.
 1014 | ZOB/ZID...20 MIT, DTW, 1045-1130, VOL. VIA CETUS.
 1100 | FACILITY CHECK INS: ZBW/ZOB BOTH EXPECTING GOOD SHIFTS.
 1131 | ZBW/ZNY...DISCUSSED SWF DEPARTURES WITH LHY OTS. THE FLIGHT PLANS
 | FOR MDW110/CAA689 ARE SHOWING XXX AND NOT ASSIGNED ROUTE.
 1200 | ZOB/ZAU...DYNAMIC MIT APPLIED TO 3 DTW ARRIVALS. 20 MIT.
 1204 | ZOB/ZAU...REQUESTING RELIEF ON THE OXI MIT FOR 4 AIRCRAFT THAT
 | ARE BUNCHED UP IN SOUTHWEST ZOB. ZAU APPROVED 20 MIT.
 1228 | ZBW...ADVISES THEY HAVE LOST RADIO CONTACT WITH AAL11, BOS-LAX.
 | THE FLIGHTS TRANSPONDER IS NOT BEING RECIEVED AT THIS TIME. ZBW
 | STATES THE CONTROLLERS BELIEVE THEY HEARD SOME SORT OF THREAT
 | COMING FROM THE COCKPIT AND ARE CONCERNED THAT IT COULD BE A
 | POTENTIAL HIJACK SITUATION. THE AIRCRAFT IS CURRENTLY ON THE TSD
 | APPROXIMATELY 37 MILES SW OF ALB TRACKING SOUTHWESTBOUND. ZBW IS
 | TRACKING THE PRIMARY TARGET AND ARE PULLING THE TAPES TO REVIEW
 | TRANSMISSIONS. ZOB/ZNY (ADJACENT CENTERS) ADVISED. NTMO/NOM
 | ADVISED. NTMO CONTACTED AAL WHO SAID THEY ARE ALSO TRYING TO
 | CONTACT THE FLIGHT.
 1240 | ZBW/N90...ADVISED OF AAL11. THE AIRCRAFT APPEARS TO BE SLOWING

DOWN AND IS HEADING IN THE DIRECTION OF NYC. ZBW STATES THAT THE PILOT IS KEEPING THE MIKE KEYED AND THE HIJACK HAS BEEN CONFIRMED. THE SPECIFIC THREAT WAS NOT RELAYED. FIGHTERS FROM FMH (OTIS) ARE BEING SCRAMBLED.

1244 | DCC/ZDC...ADVISED OF AAL11. IF FLIGHT CONTINUES SOUTH IT WILL ENTER ZDC'S AIRSPACE.

1251 | ZBW ADVISES THEY HAVE LOST THE TRACK ON AAL11, B767. AN ELT IS BEING RECIEVED.

1252 | AIRCRAFT OBSERVED CRASHED INTO SIDE OF WORLD TRADE CENTER IN NEW YORK. IT IS BELIEVED TO BE AAL11.

1255 | ZDC/ZOB ADVISED OF AAL11.

1303 | 2ND A/C HITS WORLD TRADE CENTER. THIS ONE HITS THE OTHER TOWER.

1304 | ZBW...ALL DEPARTURES ARE STOPPED.

1305 | DCC...GROUND STOP ON ZNY1 DEPARTURES AND ALL ARRIVALS INTO NY.

1314 | ZBW...ADVISES THAT THE SECOND AIRCRAFT THAT CRASHED INTO THE WORLD TRADE CENTER WAS ALSO A BOS-LAX FLIGHT, UAL175, B767. ZBW DAL1989 IS ANOTHER BOS-LAX FLIGHT, STATUS BEING CHECKED.

1324 | BOS GROUND STOP DUE TO SECURITY CONCERNS, UPDATE 1430. ADVSY 029.

1327 | DEPARTURES STOPPED NATIONWIDE.

1340 | ZOB ADVISES THAT UAL93 HAS STARTED TO DESCEND. THERE HAS NOT BEEN ANY CONTACT WITH THE FLIGHT FOR SOME TIME. UAL93, EWR-SFO, B757.

1342 | AIRCRAFT CRASHES INTO PENTAGON. TYPE/CALLSIGN UNKNOWN.

1345 | ZOB ADVISES THAT THEY THINK THEY HAVE LOCATED THE PRIMARY FOR UAL93, THEY BELIEVE IT IS HEADING FOR WASHINGTON, 29 MINUTES OUT. UAL93, B757, EWR-SFO. ON TSD THE FLIGHT SHOWS 50 SOUTH OF CLE.

1350 | ZOB ADVISES. PIT ATCO. REASON UNKNOWN.

1352 | ZOB ADVISES DAL1989 IS DESCENDING, LOCATION 20 SOUTH OF EWC.

1354 | ZOB STATES THERE IS "MILITARY ACTIVITY"?

1355 | ZOB GIVES ESTIMATED LOCATION OF UAL 93 AS OVER JST SE BOUND.

1357 | DAL ADVISES THAT DAL1989 IS NOT A TRIP FLIGHT.

1403 | DAL1989 TALKING TO CLE, NOT BEING TREATED AS HIJACK.

1405 | ADVISED THERE IS A NWA AIRCRAFT, PIT-DC MISSING.

1405 | ZOB...UAL HAS TURNED ON TRANSPODER (SAME CODE) INDICATING 8,200'.

1406 | ZOB ADVISES CLE WILL TREAT DAL1989 AS A TRIP AIRCRAFT.

1406 | ZOB...UAL93 POSITION IS 16 SOUTH OF JST, 140 HEADING. WHEN IT LOST RADAR.

1407 | ZOB ADVISES THERE IS A REPORT OF BLACK SMOKE IN VICINITY OF LAST REPORTED POSITION OF UAL93.

1407 | ADVISED BY J.WHITE THAT NWA, PIT-DC, AIRCRAFT IS FOUND.

1408 | ZOB...LAST KNOWN POSITION OF UAL93 IS 3951N-07846W.

1408 | DCC NOTE: AIRCRAFT BEING TRACKED. 3295/2355

1411 | DCC NOTE: A1 DEPARTING SRQ. CHANGED DESTINATION/ROUTE.

1412 | ZOB...CONFIRMATION BY A VFR AIRCRAFT OF DOWNED AIRCRAFT IN THE AREA SUSPECTED TO BE UAL93.

1417 | ZOB/PIT...NOW ACCEPTING AIRCRAFT. NO LONGER ATCO.

1418 | DAL1989, ON THE GROUND IN CLE, TAXIING TO REMOTE AREA.

1420 | ZOB/PIT...PIT ADVISES THEY CAN ACCEPT UP TO 6 MORE AIRCRAFT.

1422 | ZOB...NTMO ADVISES THAT PIT WILL BE CONSIDERED AN ALTERNATE, POSSIBLY FORCING USE OF RUNWAYS FOR PARKING.

1423 | ZOB...CHECKING ON MEP411, MKE-DCA. ZDC CANNOT LOCATE AIRCRAFT.

1425 | PIT ADVISES THAT WITH RWY'S USED , 50 A/C ARE POSSIBLE.

1426 | DCC NOTE: TSD TRAFFIC COUNTS: ALL-2151, SHOWN (US/CANADA) 1205.

1430 | MEP411 CONFIRMED DIVERTED TO CMH. CONFIRMED W/MEP OPS-ZID.

1430 | ZOB...FACILITY IS USING ONLY SKELETON CREW. NON ESSENTIAL PERSONNEL HAVE BEEN SENT HOME. ESSENTIALS ARE IN PARKING LOT.

1431 | ALL WASHINGTON METRO TERMINALS CLOSED IN/OUT.

1435 | ADVISED ZBW EVACUATING.

1435 | ZOB ADVISES THAT CLE/DTW ARE AVAILABLE FOR DIVERTS.

1435 | ATCO AT ZBW.

1439 | ZOB...N4 (ATTORNEY GENERAL) REFUSING TO LAND IN ZOB, REQUESTING

| TO CONTINUE TO ADW. J. WHITE APPROVED CONTINUING ONTO ADW.
 | ADVISED THERE MAY NOT BE ANY ATC SERVICES.
 1440 | DCC NOTE: UAL93 SUSPECTED OF HITTING CAMP DAVID. UNCONFMED.
 1444 | ZOB ADVISED THAT N4 WILL NOT BE ALLOWED INTO ZDC AIRSPACE.
 1446 | ZOB...ZID LOST RADIO/RADAR
 1447 | N4 APPROVED FOR PHL LANDING, CHECKING ON RIC.
 1448 | N4 APPROVED TO RIC.
 1450 | ZOB...ZID ADVISES THE LAST KNOWN POSITION FOR AAL77 WAS YRK080/10
 | AT 1256Z.
 1451 | AAL DOES NOT KNOW WHEREABOUTS OF AAL77.
 1455 | DCC NOTE: TSD TRAFFIC COUNTS: ALL-1416, SHOWN (US/CANADA) 893.
 1456 | PHL ADVISES THEY LOST USA633. PHL-LAS.. ON TSD, FL310 NEAR NY.
 1456 | ZOB...ADVISES THAT N4 REQUESTED A FIGHTER ESCORT AS THEY LEFT
 | FREQ. ZID ADVISED.
 1500 | ZOB REDUCING STAFFING EVEN MORE AS STATE POLICE REPORT A SMALL
 | AIRCRAFT CIRCLING ZOB. FACILITY ESSENTIALLY EVACUATED.
 1503 | ZOB NOW ON NATIONAL TELCON AT SPO POSITION. ZOB ATC0.
 1504 | N4 ADVISES ZID THEY HAVE CONFIRMED WITH B. PEACOCK TO LAND AT
 | DCA. FOR NOW, CONTINUE TO RIC.
 1511 | N4 APPROVED FOR LANDING IN WASHINGTON.
 1515 | JEFF BROOKS, ROC ANG, REQUESTING TO ALLOW OH58'S TO DEPART FORT
 | DRUM (GTB) TO NYC. NTMO ADVISES. FLIGHTS ARE NOT GOING TO RECEIVE
 | ATC SERVICE, BUT WILL NOT BE DENIED TO DEPART.
 1523 | N4 GIVEN ZDC FREQUENCY/CODE.
 1525 | BOS TOWER...MASSPORT REQUESTING DCC TO CONFIRM THAT IT WAS UAL175
 | THAT CRASHED. DCC ADVISES THE CONFIRMATION WOULD HAVE TO COME
 | FROM UAL.
 1528 | IAD CONFIRMS THAT AAL77 DEPARTED FOR LAX AT 0820L/1220Z.
 1546 | FTW ADVISES THERE IS A VFR A/C 20 SE
 1550 | D. MAHER (DM) ON.
 1556 | CLE ADVISES THAT DAL1989 IS ON THE WEST SIDE OF THE FIELD. FBI IS
 | ON SCENE. NO ONE HAS GOTTEN OFF AIRCRAFT. ONLY AIRCRAFT IN
 | AIRSPACE IS AN F16 CIRCLING ABOVE.
 1607 | BDL ADVISED OF NOMAD FLIGHTS FROM BDL-TEB., NOMAD261/097/077/ 2ND
 | FLIGHT IS NOMAD216/004/120.
 1610 | 2 FLIGHTS SAID TO BE IN DISTRESS. ACA065/COA57...COA57 RETURNING
 | TO LFPG.
 1620 | SCATANA NOT APPROVED AT THIS TIME.
 1622 | DCC ABOUT TO ADVISE MILITARY THEY HAVE AIRSPACE.
 1624 | NOMAD FLIGHTS APPROVED TO DEPART. BDL-TEB.
 1626 | SCATANA ABOUT TO BE DECLARED.
 1628 | ZBW...ADVISES THEY RECIEVED A FAX SHOWING SCATANA LEVEL D.
 1629 | ZAN...UAL REFUSING TO LAND AT WHITEHORSE CANADA. INSISTING TO
 | LAND AT ZNC OR FAI.
 1638 | ZOB...REQUEST FOR TRP6 (GOV OF PA) ERI DEPT APPVD.
 1644 | SCT ADVISES OF A POSSIBLE HIJACK BTWN SAN-SFO. ZOA/ZLA NO AWARE.
 1657 | FLIGHT REQUEST: JEFF BROOKS, NY ANG, REQUESTING APPROVAL FOR
 | BLACKHEART758, TAIL #16758, ROC-ALB, OH58 HELO, P1800. INFO
 | FORWARDED.
 1658 | UAL FLIGHTS IN ZAN ARE NOT ALLOWED TO LAND AT ANC OR FAI.
 1659 | NAVCANADA IS ADVISING THAT US FLIGHTS ARE NOT ALLOWED TO LAND AT
 | THE MAJOR CANADIAN TERMINALS. THE SECONDARY AIRPORTS ARE APPRVD.
 1706 | FLIGHT REQUEST: BDL-TEB, NOMAD04, 2/UH1, P1800, BEACON CODE
 | 3453. INFORMATION FORWARDED TO MAKESHIFT UNIT HANDLING REQ.
 1711 | FLIGHT REQUEST: BDL-DXR-34TH ST. HELIPAD. N76UT, SK76, P-NOW,
 | INFORMANTION FORWARDED TO MAKESHIFT UNIT HANDLING REQ. THIS IS
 | THE FIRST OF THE BDL HELICOPTER REQUESTS MADE.
 1746 | ATCSCC ADVZY 039 DCC 09/11/01 ADVISORY
 | ALL MILITARY FLIGHTS REQUESTING TO DEPART ARE REQ TO FORWARD
 | THEIR REQUESTS THROUGH MILITARY CHANNELS.

111740-112359
 01/09/11 17:46 FSA//wkstn15 703-708-5115
 1749 | ZMA/ZNY...DISCUSSED STATUS OF LDA31, B763, EDDM-MIA. ZNY ADVISES
 | THAT THEY ARE NOT WORKING THE FLIGHT AND HAVE NO INFORMATION ON
 | IT. THE TSD SHOWS THE FLIGHT NORTH OF BDA.
 1752 | BOS...REQUESTING APPROVAL FOR 2 FLIGHTS. SP (STATE POLICE) 04,
 | HELO, CODE 4661 AND SP9, PA32, CODE 4677. THIS FLIGHT IS
 | AIRBORNE. BOS SAYS THAT OWD TOWER RELEASED THE FLIGHT.
 1759 | COL. ADAMS, PILOT IN SJU THAT HAD TO DIVERT IS REQUESTING INFO ON
 | HOW TO GET APPROVAL ON FERRY FLIGHT TO LFI IN A C12, GIVEN INFO.
 1817 | TELCON...STILL NOT IN SCATANA YET. MILITARY IS APPROVING ALL FLTS.
 1821 | TELCON: FROM NORAD-LOCAL LAW ENFORCEMENT, MEDEVACS AS WELL AS
 | MILITARY, DO NOT REQUIRE NORAD APPROVAL.
 1830 | ATCSCC ADVISORY 041 ADVISES OF THE AUTHORIZATION OF MEDICAL
 | EMERGENCY, MILITARY, AND LAW ENFORCEMENT FLIGHTS.
 1844 | TORONTO CENTER ADVISES THEY WILL ACCEPT FLIGHTS INTO CANADIAN
 | AIRPORTS. YYZ/YUL, ETC.
 1854 | CLARIFICATION: THE COAST GUARD IS CONSIDERED THE MILITARY AT THIS
 | TIME.
 1900 | ZJX...ASKING ABOUT SOME LOCAL LAW ENFORCEMENT HELO FLIGHTS, I
 | REFERRED THEM TO ATCSCC ADVISORY 041 FOR GUIDANCE.
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 | FOR REOPENING TERMINAL IS NOON TOMORROW.
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 | 1830 - ATCSCC ADVSY 041 AUTHORIZES LIFEGUARD/MILITARY/LAW FLTS.

 2030 | POSITION COMBINED AT POS 14, II OFF.

EAST AREA DAILY SUMMARY: TUESDAY, 9/11/01

NATIONAL TRAFFIC MANAGEMENT PROGRAMS:

Airport name; Start/Stop time; - Reason and Description

NONE

OTHER TRAFFIC MANAGEMENT PROGRAMS:

Local or Internal Programs; Excessive In-Trail Restrictions, etc.

NONE

GROUND STOPS AND OTHER DELAYS:

Center, Airport, Times, Facility Implementing, Reasons

EWR 1209-1330 DEPARTURE DELAYS +15, MULTI-TAXI.

PHL 1242-1330 DEPARTURE DELAYS +15, ZNY SECTOR VOLUME.

CLT 1245-1255 DEPARTURE DELAYS +15, TERMINAL VOLUME.

ZNY ****-1305 GROUND STOP TRAFFIC TO AND THROUGH ZNY, EMERGENCY.

ZBW ****-1325 GROUND STOP TRAFFIC TO AND THROUGH ZBW, EMERGENCY.

ALL ****-1330 GROUND STOP ALL DEPARTURES IN THE NAS UNTIL 1500Z,
NATIONAL EMERGENCY.

OTHER SIGNIFICANT EVENTS:

Accidents/Incidents, Equipment Outages, etc.

1045 POSITION OPEN, M. ARTIST (MA) ON.

1115 SPO TELCON MONITORED, EAST EXPECTING VFR AT MAJOR TERMINALS,
NO SIGNIFICANT TMI'S EXPECTED.

1200 MA OFF, POSITION COMBINED AT 26, WEST NTMO.

1250 POSITION DECOMBINED FROM WEST POS 26, MA ON.

1250 ADVISED OF POSSIBLE HIJACK ZNY AIRSPACE.

1305 GROUND STOP ZNY1 IN ZNY, EMERGENCY.

1325 ADDED ZBW TO GROUND STOP.

1330 GROUND STOPPED ALL NAS DEPARTURES.

2300 COMBINED AT POSITION 44, MA OFF.

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GROUND DELAY PROGRAM CRITIQUES: N/A  
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SPECIAL TRAFFIC MANAGEMENT AND TACTICAL CUSTOMER ADVOCATE POSITION LOG  
 DATE: TUESDAY, SEPTEMBER 11, 2001

1400 || POSITION OPEN. J. HART (JC) ON, BRIEFED..JC  
 1417 || ATCSCC ADVZY 034 DCC 09/11/01 USER HOTLINE ACTIVATION  
 || ATCSCC HAS ACTIVATED THE USER HOTLINE AS A MEANS OF RAPID  
 || INFORMATION FLOW.  
 || THE USER HOTLINE PHONE NUMBER IS THE NORMAL TELCON ATCSCC TELCON  
 || PHONE NUMBER, PIN 9186#. BE SURE TO ENTER THE POUND SIGN AFTER  
 || THE PIN.  
 || 111416-112359  
 1825 || NUMEROUS ISSUES WORKED AND DATA COLLECTED VIA THE USER HOTLINE.  
 || MOST OF THE INFORMATION PASSED TO THE PROCEDURES BRANCH WHO WILL  
 || ACCOMPLISH A TIMELINE OF EVENTS. DUE TO THE NATURE OF THE  
 || SITUATION AND HOW THE ISSUES WERE UNFOLDING, NO USER COMMENTS WERE  
 || SOLICITED..JC  
 1830 || B. CAMERON [BC] ON, BRIEFED.  
 1901 || PASS FROM NOM, DAL AIRLINES HAS SEVERAL FLIGHTS IN GANDER, HALIFAX  
 || AND ST JOHNS WITH PASSENGERS NOT BEING ALLOWED TO DEPART AIRCRAFT,  
 || WHO IS NOT LETTING PASSENGERS OFF. DAL VERIFYS CORRECT STATEMNET,  
 || CANADIAN GOVERNMENT. NWA AND USA ALSO REPORT SAME PROBLEM.  
 1930 || TIME APX. PASS FROM DAN, NO DETERMINATION HAS BEEN MADE ON NAS  
 || OPERATION, ATP100 IS IN THE PROCESS DEVELOPING A PLAN THIS COULD  
 || TAKE SOME TIME SINCE AGENCIES OUTSIDE THE FAA WILL NEED TO HAVE  
 || INPUT, ATA WILL BE PART OF THIS PLANNING EFFORT. ADDITONAL  
 || INFORMATION WILL BE PASSED WHEN WE HAVE IT, CALLS TO FAA ON THIS  
 || SUBJECT FROM USERS ARE DEPELETING RESOURCES AVAILABLE TO WORK ON  
 || THIS EFFORT.  
 2014 || ATCSCC ADVZY 042 DCC 09/11/01 VOLCANIC ASH RETRANSMISSION  
 || FVXX21 KWBC 112005 WSI DDS:112007  
 || VOLCANIC ASH ADVISORY  
 || ISSUED: 2001SEP11/2000Z VAAC: WASHINGTON  
 || VOLCANO: TUNGURAHUA 1502-08  
 || LOCATION: 0128S 7826W AREA: ECUADOR  
 || SUMMIT ELEVATION: 16480 FT (5023 M)  
 || ADVISORY NUMBER: 2001/228  
 2035 || PASS FROM J. WHITE - USER TELCON. ATP100 [ERIC] WILL HOLD TECLON  
 || ON RECOVERY PLANNING FOR TOMMMROW USERS NEED TO THINK OF DIVERSION  
 || RECOVERY OR HOW THEY PLAN TO RESCHEDULE TRAFFIC. ADDITIONAL INFO  
 || WILL FOLLOW WHEN WE HAVE IT.  
 2130 || ATCSCC ADVZY 043 DCC 09/11/01 REQUESTS TO USE THE NATIONAL  
 || AIRSPACE SYSTEM  
 || THIS ADVZY REPLACES ADVZY 041.  
 || ATCSCC ADVISES THAT SERVICING FAA ARTCC'S ARE AUTHORIZED  
 || TO RELEASE MEDICAL EMERGENCY, MILITARY, LAW ENFORCEMENT  
 || AND EMERGENCY EVACUATION FLIGHTS INTO THE NATIONAL AIRSPACE  
 || SYSTEM.  
 || 112130-121359  
 || 01/09/11 21:30 FSA./nfs/wkstn33 703-708-5139  
 2318 || ATCSCC ADVZY 044 09/11/01 USER HOTLINE/CONFERENCE ACTIVATION  
 || ATCSCC WILL ACTIVATE THE USER HOTLINE/CONFERENCE AS A MEANS  
 || OF COLLECTING AIRLINE SPECIFIC INFORMATION.  
 || THE USER HOTLINE/CONFERENCE PHONE NUMBER IS, 1-800-882-7610 PIN  
 || 7539#.  
 || BE SURE TO ENTER THE POUND SIGN AFTER THE PIN. THIS CONFERENCE  
 || WILL BE CONDUCTED AT 0000Z.  
 || AIRLINE REPRESENTATIVES SHOULD HAVE THE FOLLOWING INFORMATION  
 || AVAILABLE AND BE PREPARED TO DISCUSS THE FOLLOWING ISSUES:  
 || 1. HOW MANY DIVERTED FLIGHTS THEIR COMPANIES HAVE?

2. LOCATIONS OF THEIR DIVERTED FLIGHTS?  
 3. PRIORITY OF RECOVERY?  
 4. MINIMUM NUMBER AND IDENTITY OF AIRPORTS CONSIDERED BY USERS  
 NECESSARY TO RESUME OPERATIONS?  
 5. PRIORITY OF AIRPORT OPENINGS?  
 USERS SHOULD CONSIDER THE FOLLOWING:  
 SECURITY PLANS CALL FOR ALL AIRPORTS TO UNDERGO A SECURITY CHECK.  
 SECURITY ISSUES MAY VARY AT DIFFERENT AIRPORTS AND NOT ALL  
 AIRPORTS WILL BE AVAILABLE WHEN NAS OPERATIONS RESUME.  
 AIRPORTS BEING USED INCONJUNCTION WITH EMERGENCY RECOVERY WILL  
 HAVE REDUCED AAR'S.  
 112314-120059  
 01/09/11 23:18 FSB.//wkstn03 703-708-5139  
 2330 ATCSCC ADVZY 045 09/11/01 USER HOTLINE/CONFERENCE ACTIVATION  
 PHONE NUMBER CORRECTION  
 ATCSCC WILL ACTIVATE THE USER HOTLINE/CONFERENCE AS A MEANS  
 OF COLLECTING AIRLINE SPECIFIC INFORMATION.  
 THE USER HOTLINE/CONFERENCE PHONE NUMBER IS, 1-800-882-3610 PIN  
 7539#. 800-882-3610 7539#  
 BE SURE TO ENTER THE POUND SIGN AFTER THE PIN. THIS CONFERENCE  
 WILL BE CONDUCTED AT 0000Z.  
 AIRLINE REPRESENTATIVES SHOULD HAVE THE FOLLOWING INFORMATION  
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 AIRPORTS BEING USED INCONJUNCTION WITH EMERGENCY RECOVERY WILL  
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 112314-120059  
 01/09/11 23:18 FSB.//wkstn03 703-708-5139  
 01/09/11 23:30 FSB.//wkstn03 703-708-5139  
 0008 USER TELECOM TO DISCUSS WHAT PRIORITIES THEY HAVE WITH REGARD TO  
 FLIGHTS AND AIRPORTS. USERS ASKED TO PROVIDE VIA AIRINC OR FAX  
 LIST OF AIRCRAFT DIVERTED OR THAT THEY WISH TO ASSIGN PRIORITY  
 TOO AS PART OF RECOVERY PLANNING. IN ADDITION USERS ASKED TO  
 IDENTIFY WHAT CITIES THEY SEE AS PRIORITY FOR RESUMPTION OF  
 OPERATIONS.  
 0103 ATCSCC ADVZY 001 09/11/01 0000Z USER HOTLINE/CONFERENCE  
 FOLLOW-UP  
 AS A FOLLOW-UP TO THE 0000Z USER HOTLINE/CONFERENCE,  
 USERS ARE REQUESTED TO FORWARD THE FOLLOWING  
 INFORMATION TO THE ATCSCC WITHIN TWO HOURS.  
 1. NUMBER OF DIVERTED FLIGHTS.  
 2. ORIGIN AND DESIRED DESTINATION OF DIVERTED FLIGHTS.  
 3. NUMBER OF DIVERTED FLIGHTS IN CANADA.  
 AGAIN, FORWARD THIS INFORMATION TO THE ATCSCC WITHIN  
 TWO HOURS VIA ARINC [ADDRESS ACYZZYA] AND VIA  
 FAX 703-904-4459.  
 112314-120059  
 01/09/12 01:03 FSB.//wkstn03 703-708-5139  
 0123 ATCSCC ADVZY 002 DCC 09/12/01 VOLCANIC ASH RETRANSMISSION  
 FVXX21 KWBC 120007 WSI IDS:120011  
 VOLCANIC ASH ADVISORY

| | ISSUED: 2001SEP12/0005Z VAAC: WASHINGTON  
| | VOLCANO: TUNGURAHUA 1502-08  
| | LOCATION: 0128S 7826W AREA: ECUADOR  
| | SUMMIT ELEVATION: 16480 FT (5023 M)  
| | ADVISORY NUMBER: 2001/229  
| | 120123-120559  
| | 01/09/12 01:23 FSB.//wkstn03 703-708-5139  
0359 | | COB

ZBW-ARTCC-148  
AAL11

Procomm Plus Terminal

File Edit View Options Data Tools Window Help

LGA DATA #1 MSM

11/10/01 03/17/01 16-02 NEW YORK LA GUARDIA ARPT

09/11/01 06:52:54 METAR KLGA 111151Z 32008KT 10SM FEW250 13/14 A3011 RMK  
R02 SLP195 T0853 T01040199 12011 20184 51016 (P05)

09/11/01 07:52:52 METAR KLGA 111251Z 32008KT 10SM FEW250 20/14 A3013 RMK  
R02 SLP201 T02000135 (P03)

09/11/01 08:53:01 METAR KLGA 111351Z 34009KT 10SM FEW010 SCT250 22/13  
A3013 RMK R02 SLP204 FU FEW010 FU PLUME SW DFTG SE T02200133 (P03)

09/11/01 09:40:52 SPECI KLGA 111430Z 33008KT 10SM FEW001 SCT250 23/12  
A3012 RMK R02 FU FEW000 FU AND DEBRIS PLUME SW FROM SFC-035 DFTG SE F161  
(P05)

09/11/01 09:42:07 SPECI KLGA 111430Z CON 33008KT 10SM FEW000 SCT250 23/12  
A3012 RMK R02 FU FEW000 FU AND DEBRIS PLUME SW FROM SFC-035 DFTG SE RTX  
(P05)

REVIEW OBSERVATION

DATE PREV

EXIT BACK NEXT

| Alt                | Host | Chw               | Logon/Off         | Writ/ok        | End Mode | Session       | Expire | DOS Print |
|--------------------|------|-------------------|-------------------|----------------|----------|---------------|--------|-----------|
| VT 220             | ASCH | MDP30341 MDP30341 | 11/10/01 11:40:11 | id @ ad @ ch @ | 10:40    | How 21 C04 01 |        |           |
| Port opened - TAPI |      |                   |                   |                |          |               |        | Connected |

11

Procom Plus Terminal

File Edit View Options Help Tools Window Help

LGA DATA #1 MSM

11:30:43 09/11/01 00:00

NEW YORK LA GUARDIA ARPT

09/11/01 00:53:18 METAR KLG 110551Z 35005KT 105M FEW000 21/17 A3007 RMK  
A02 SLP182 60002 T0210170 10244 20211 51005 (R2)  
09/11/01 01:52:50 METAR KLG 110651Z 34006KT 105M CLR 21/16 A3006 RMK A02  
SLP180 T02060161 (R2)  
09/11/01 02:52:54 METAR KLG 110751Z 35005KT 105M CLR 20/16 A3005 RMK A02  
SLP180 T02000155 (R2)  
09/11/01 03:52:54 METAR KLG 110851Z 33010KT 105M CLR 21/15 A3005 RMK A02  
SLP180 T02060150 56002 (R2)  
09/11/01 04:52:53 METAR KLG 110951Z 34008KT 105M FEW250 19/14 A3008 RMK  
A02 SLP185 T01940144 (R2)  
09/11/01 05:18:48 R2 LOGGED OFF AS OBSERVER FROM DID#1  
09/11/01 05:18:48 PAS LOGGED ON AS OBSERVER FROM DID#1  
09/11/01 05:52:53 METAR KLG 111051Z 33008KT 105M FEW250 19/14 A3011 RMK  
A02 SLP194 T01940144 (PAS)

REVIEW OBSERVATION

DATE PREV

EXIT BACK NEXT

| Alt    | Host  | Dev                | Logon/Off | Serials      |                   | Ctrl Mode | Send To       | Printer | DOS-Print |
|--------|-------|--------------------|-----------|--------------|-------------------|-----------|---------------|---------|-----------|
| VT 220 | ASCII | MTBF00001 Modem B2 |           | 110500 11061 | 00 00 00 00 00 00 | 1030      | Row 21 Col 30 |         |           |

Port opened - TAPI

Connected 00:01:43

Procomm Plus Terminal
NEWARK (EWR) ... MSM

11/11/01 09:17:01 18:37
NEWARK INTL AIRPORT

09/11/01 06:52:51 METAR KEWA 111151Z 33008KT 10SM CLR 19/13 A3012 RMK A02  
SLP199 T01890133 10194 20179 51015 (OH)  
09/11/01 07:52:50 METAR KEWA 111251Z 33008KT 10SM CLR 21/13 A3014 RMK A02  
SLP204 T02110133 (OH)  
09/11/01 08:58:58 METAR KEWA 111351Z 35011KT 10SM CLR 23/13 A3014 RMK A02  
SLP207 T02200120 ATX F181 (OH)  
09/11/01 09:59:58 METAR KEWA 111451Z 35008G18KT 10SM CLR 24/13 A3014 RMK  
A02 SLP204 T02440133 50025 ATX F181 (OH)  
09/11/01 10:57:10 METAR KEWA 111551Z 36016G21KT 10SM FEW032 26/11 A3012  
RMK A02 SLP198 T02560106 ATX (OH)  
09/11/01 11:52:50 METAR KEWA 111651Z 34008KT 10SM FEW035 26/11 A3010 RMK  
A02 SLP193 T02610111 (OH)  
09/11/01 12:17:15 OH LOGGED OFF AS OBSERVER FROM O1041  
09/11/01 12:17:15 OH LOGGED ON AS OBSERVER FROM O1041

REVIEW OBSERVATION

DATE PREV

EXIT BACK NEXT

|                  |       |                     |                |                         |      |               |          |           |           |
|------------------|-------|---------------------|----------------|-------------------------|------|---------------|----------|-----------|-----------|
| Alt              | Host  | Char                | Logon/Off      | View/Log                |      | Cmd Mode      | Send/Par | Explorer  | DOS Finok |
| VT 230           | ASCII | MDP3005841 Newen #2 | 11/02/01 11:51 | 14 14 14 14 14 14 14 14 | 1843 | Row 21 Col 30 |          |           |           |
| Port opened TAPI |       |                     |                |                         |      |               |          | Connected | 05:00:57  |

FB

| Procomm Plus Terminal                                                     |  |  |  |  |                     |  |  |  |  |
|---------------------------------------------------------------------------|--|--|--|--|---------------------|--|--|--|--|
| File Edit View Options Data Tools Window Help                             |  |  |  |  |                     |  |  |  |  |
| NEWARK (EWR) MSM                                                          |  |  |  |  |                     |  |  |  |  |
| 11/13/00 00:17:00 16:32                                                   |  |  |  |  | NEWARK INTL AIRPORT |  |  |  |  |
| 08/11/01 00:53:13 METAR KEWR 110551Z 33006KT 10SM CLR 19/17 A3008 RMK A02 |  |  |  |  |                     |  |  |  |  |
| SLP106 60000 T01940167 10228 20194 51022 (DH)                             |  |  |  |  |                     |  |  |  |  |
| 09/11/01 01:52:50 METAR KEWR 110651Z 29003KT 10SM CLR 18/17 A3008 RMK A02 |  |  |  |  |                     |  |  |  |  |
| SLP185 T01830167 (DH)                                                     |  |  |  |  |                     |  |  |  |  |
| 08/11/01 02:52:50 METAR KEWR 110751Z 32004KT 10SM CLR 19/16 A3008 RMK A02 |  |  |  |  |                     |  |  |  |  |
| SLP185 T01890161 (DH)                                                     |  |  |  |  |                     |  |  |  |  |
| 09/11/01 03:52:50 METAR KEWR 110851Z 35004KT 10SM CLR 18/16 A3008 RMK A02 |  |  |  |  |                     |  |  |  |  |
| SLP105 T01830161 56001 (DH)                                               |  |  |  |  |                     |  |  |  |  |
| 09/11/01 04:52:50 METAR KEWR 110951Z 08003KT 10SM CLR 18/16 A3009 RMK A02 |  |  |  |  |                     |  |  |  |  |
| SLP198 T01780156 (DH)                                                     |  |  |  |  |                     |  |  |  |  |
| 09/11/01 05:14:00 DH LOGGED OFF AS OBSERVER FROM 010#1                    |  |  |  |  |                     |  |  |  |  |
| 09/11/01 05:14:12 DH LOGGED ON AS OBSERVER FROM 010#1                     |  |  |  |  |                     |  |  |  |  |
| 09/11/01 05:52:50 METAR KEWR 111051Z 33007KT 10SM CLR 18/14 A3012 RMK A02 |  |  |  |  |                     |  |  |  |  |
| SLP198 T01780139 (DH)                                                     |  |  |  |  |                     |  |  |  |  |
| REVIEW OBSERVATION                                                        |  |  |  |  |                     |  |  |  |  |
| DATE PREV                                                                 |  |  |  |  |                     |  |  |  |  |
| EXIT BACK NEXT                                                            |  |  |  |  |                     |  |  |  |  |

| Alt               | Host  | Char                | Logon/Off | WtLink | End Mode | Send Fax      | Expire | DOS Print          |
|-------------------|-------|---------------------|-----------|--------|----------|---------------|--------|--------------------|
| VI 220            | ASCII | MDP3858-J Martin #2 | 115200    | N 81   | 16:40    | Row 21 Col 30 |        |                    |
| Port opened: TAPI |       |                     |           |        |          |               |        | Connected 00:00:42 |



KENNEDY INTERNATIONAL ARPT

09/11/01 05:52:51 METAR KJFK 111051Z 35004KT 10SM FEW030 SCT250 18/14  
R3011 FMK R02 SLP195 T01730144 (J6C)

REVIEW OBSERVATION

DATE \_\_\_\_\_ PAGE \_\_\_\_\_

EXIT BACK NEXT™

Procomm Plus Terminal: JFK DATA #1

JFK DATA #1
MSM

11:34:02 09/11/01 10242
KENNEDY INTERNATIONAL APRT

09/11/01 07:52:49 METAR KJFK 111251Z 31010KT 10SM FEW250 21/14 A3013 RMK  
A02 SLP203 T02110139 (JGC)  
09/11/01 08:31:00 JGC LOGGED OFF AS OBSERVER FROM DID#1  
09/11/01 08:32:03 OH LOGGED ON AS OBSERVER FROM DID#1  
09/11/01 08:54:20 METAR KJFK 111351Z 35007KT 10SM FEW010 SCT250 23/13  
A3014 RMK A02 SLP205 FU FEW010 FU PLUME DSNT NW DFTG SE T02280133 (BH)  
09/11/01 09:52:59 METAR KJFK 111451Z 34006KT 10SM FEW010 SCT250 24/12  
A3013 RMK A02 SLP203 SFC VIS LWR SW-NW FU FEW010 FU PLUME DSNT NW DFTG  
S-SE T02440122 58006 (BH)  
09/11/01 10:52:58 METAR KJFK 111551Z 01011KT 10SM FEW010 SCT250 26/11  
A3012 RMK A02 SLP198 SFC VIS LWR SW-NW FU FEW010 FU PLUME DSNT NW DFTG  
SE-S T02560111 (OH)

REVIEW OBSERVATION

DATE PREV

EXIT BACK NEXT

| Alt    | Host  | Out     | Logfile   | WPAID       | End Mode           | Send Fax | Expire        | DOS Print |
|--------|-------|---------|-----------|-------------|--------------------|----------|---------------|-----------|
| VT-220 | ASCII | MDP3600 | Hidden.R2 | 115200 N-44 | id 0 0 0 0 0 0 0 0 | 1634     | Rev 21 Col 30 |           |

Port opened - API
Corrected
10:01:40

ZBW-ARTCC-148  
AAL11CHAIN OF CUSTODY

This form serves as chain of custody for the following facility's specified data/information

FACILITY: BOSTON ARTCCDATA/INFORMATION: 1 CERT REREC SEC 46 1209-1233 Z1 CERT REREC VAL175 1227-1242 Z 1 CERT REREC SEC 46 1233-1238 ZSAR TAPES BW0806, BW0813, BW0814, BW0815, BW0816PURPOSE/REMARKS: FBI INVESTIGATIONBEDFORD, NH FIELD OFFICEFrom: Robert Jones Title: ZBW-5053Signature: [Signature] Date: 9/11/01 9/11/01To: John Mulvaney Title: SA, FBISignature: John Mulvaney Date: 9/11/01

Witness: \_\_\_\_\_ Title: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

From: \_\_\_\_\_ Title: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

To: \_\_\_\_\_ Title: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Witness: \_\_\_\_\_ Title: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

'ert REREC AAL46, SEC46, 1209-1233Z TO FBI, MARK OLSON  
 " AAL46, SEC46, 1233-1238 TO FBI, MARK OLSON  
 " UAL175, SEC20, 1227-1242 TO FBI, MARK OLSON  
 SAR TAPES (COPIES) BW0806, BW0814, BW0816 TO FBI  
 Transcript AAL11 SEC46 TO ANE-505  
 VTAP DATA (Printed) aal11.txt aalpri2.txt  
 SATORI AAL11 SEC46 1212-1227 TO AAT-200

9/13/01

Transcript AAL11 Sec 46 TO AAT-200

Transcript UAL175 Sec 47, SEC 46, SEC 20 TO AAT-200, ANE-500, ANE-505.4

SATOR1 American 11 Sec 46 1226-1241 TO AAT-200.

13

9/15/01

11 way files ZBW TMU SVRWX POSITION TO AAT-200 & ANE-505  
1 way file time line TO AAT-200 & ANE-505  
Flight Progress Strips AAL11 <sup>SECT</sup> UAL175 <sup>SECT</sup> TO AAT-200 & ANE-505  
Traffic Count SECTOR 46 C 1220 UTC (4ACFT) TO ANE-50.  
Traffic Count SECTOR 20 C 1230 UTC (4ACFT) TO ANE-50.  
Transcripts ZBW TMU SEVERE WX POSITION TO ANE-505 & AAT-200  
Personnel Statements Bueno/Biggio TO ANE-505

9/17/01

Radar Viewpoint Plot AAL11 1200:52-1220:48 to FBI J. Mulvaney

Radar Viewpoint Plot UAL175 1214:52-1246:34 to FBI J. Mulvaney

(1) Cert Rec ZBW TMU SVR WX 1220-1255 UTC to FBI J. Mulvaney

Excel Spreadsheet of employees involved with UAL175/AAL11 CC mail to Jimmy Mills - AAT-15  
& Tom Benson - ANE-5

9/18/01

Personnel Statement Shippani TO ANE-505

9/19/01

anscript ZBWMOS POSITION/3 wavefiles/1 wavefile timeline <sup>fax email</sup> <sub>ftp</sub> TO ANE-50

120/01

Personnel Statement Scoggins TO ANE-505

Personnel Statement Scoggins Page 2, Signed & Docketed TO AAT-200 CHRISSON  
11/20/01 11:00 AM AAT-200 D. Brown

Record of Data Release From ZBW AAL11 & UAL175

9/21/01

NTAP aal11.txt, aalpri1.txt, aalpri2.txt, aalpri3.txt FTP TO AAT-200  
DART aal11d.dat ual175d.dat FTP TO AAT-200  
HTAP ual175a.txt, ual175.txt FTP TO AAT-200  
ZBWNTAPDART.DOC explaining DART'S & HTAP'S TO AAT-200

9/26/01

Cert Rerec ZBW 46R, 47R, SVWC, MOS Regarding AAL11 TO AAT-200

9/27/01

Cert Rerec ZBW 47R, 46R, 20R UAL175 TO AAT-200 #367 FEDEX

10/02/01

Cert Rerec ZBW 46R, 47R, 47RA, SVWC, MOS re: AAL11 to AAT200  
FedEx

10/03/01

Cert Rerec ZBW 09R, 09RA, 10R, 10RA, 20R, 20RA, 31R, 31RA  
30R, 30RA AAL11 TO AAT-200

10/18/01

Transcript 46R 9/11/01 - 1204-1240Z To FBI - Kenneth Mann

Voice Recording via DAT - 9/11/01 Sec 46, Ch 27 1220-1226 UTC

Voice Recording via DAT - 9/11/01 ~~Sec 46, Ch 27~~ <sup>Sec 37, Ch 07</sup> - 1223:50-1226:00

Voice Recording via DAT - 9/11/01 Sec 46, Ch 27 - 1230:30-1234:30

\*\* JOB STATUS REPORT \*\*

AS OF SEP 11 2001 15:06 PAGE. 01

ZBW-ARTCC-148  
AAL11

BOSTON ARTCC

|     | DATE | TIME  | TO/FROM    | MODE  | MIN/SEC | PGS | STATUS |
|-----|------|-------|------------|-------|---------|-----|--------|
| 001 | 9/11 | 15:05 | 7812387595 | EC--S | 00' 26" | 001 | OK     |

---

CHAIN OF CUSTODY LETTER WITH FBI TO ANE-505



\*\* JOB STATUS REPORT \*\*

AS OF SEP 12 2001 13:01

PAGE. 01

BOSTON ARTCC

JOB #419

|     | DATE | TIME  | TO/FROM | MODE  | MIN/SEC | PGS | STATUS |
|-----|------|-------|---------|-------|---------|-----|--------|
| 001 | 9/12 | 13:00 | ANE 530 | EC--S | 01' 02" | 002 | OK     |

---

ZBW 7230-4 9/11/01

FAA 8020-3 9/11/01 TO ANE-505

\*\* JOB STATUS REPORT \*\*

AS OF SEP 13 2001 16:38 PAGE. 01

BOSTON ARTCC

JOB #440

|     | DATE | TIME  | TO/FROM      | MODE  | MIN/SEC | PGS | STATUS |
|-----|------|-------|--------------|-------|---------|-----|--------|
| 001 | 9/13 | 16:35 | 781 238 7585 | EC--S | 02' 34" | 011 | OK     |

---

LAL175 TRANSCRIPTS TO AHE-500

**Date:** 9/15/01 3:40 PM  
**Sender:** Clifford R Baird  
**To:** Tom Benson  
**Priority:** Normal  
Receipt requested  
**Subject:** ZBW Wave Files

---

Tom, wave files regarding coordination with Command Center and Cape Approach regarding AAL11.

Rusty Baird

  
zbowwavtimes.doc

  
wavtmu1.wav

  
wavtmu2.wav

  
wavtmu3.wav

  
wavtmu4.wav


  
wavtmu5.wav

  
wavtmu6.wav

  
wavtmu7.wav

  
wavtmu8.wav

  
wavtmu9.wav

  
wavtmu10.wav

  
wavtmu11.wav

**Date:** 9/15/01 7:52 PM  
**Sender:** Clifford R Baird  
**To:** Dan Diggins; Tom Benson  
**Priority:** Normal

Receipt requested  
**Subject:** Partial Transcripts ZBW TMU

---

Attached are partial transcripts concerning TMU communication at ZBW.  
These were faxed to Dan. Thanks.

Rusty Baird



tmu.doc

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# Quality Assurance Bulletin

BOSTON CENTER BULLETIN

DATE: September 17, 2001

SUBJECT: AAL11

INFORMATION: The following information is provided regarding Aircraft Accident AAL11 on September 11, 2001.

|             |                                                                                                                                 |
|-------------|---------------------------------------------------------------------------------------------------------------------------------|
| 1209:17 UTC | AAL11 reports on ZBW Sector 46 frequency leaving FL190 for FL230.                                                               |
| 1209:22 UTC | AAL11 instructed to climb to FL280. AAL11 acknowledges clearance.                                                               |
| 1210:13 UTC | AAL11 instructed to climb to FL290. AAL11 acknowledges clearance.                                                               |
| 1211:58 UTC | AAL11 issued a traffic advisory for a MD80 at FL310. AAL11 acknowledges the advisory.                                           |
| 1213:29 UTC | AAL11 instructed to turn 20 degrees right. AAL11 acknowledges the clearance.                                                    |
| 1213:47 UTC | AAL11 instructed to climb to FL350. AAL11 does not reply to the clearance.                                                      |
| 1213:57 UTC | AAL11 instructed to climb to FL350. AAL11 does not reply to the clearance.                                                      |
| 1214:08 UTC | Sector 46 attempts contact with AAL11. AAL11 does not reply.                                                                    |
| 1214:23 UTC | Sector 46 attempts contact with AAL11. AAL11 does not reply.                                                                    |
| 1214:33 UTC | Sector 46 attempts contact with AAL11. AAL11 does not reply.                                                                    |
| 1214:45 UTC | Sector 46 advises Sector 38 AAL11 was turned 20 degrees right, is NORDO and is possibly climbing to FL290 only.                 |
| 1215:13 UTC | Sector 46 attempts contact with AAL11. AAL11 does not reply.                                                                    |
| 1215:22 UTC | Sector 46 instructs AAL11 to ident if the aircraft can hear ZBW. AAL11 does not reply. No ident is received from the aircraft.  |
| 1216:32 UTC | Sector 46 attempts contact with AAL11. AAL11 does not reply.                                                                    |
| 1217:05 UTC | Sector 46 attempts contact with AAL11. AAL11 does not reply.                                                                    |
| 1217:56 UTC | Sector 46 instructs AAL11 to ident if the aircraft can hear ZBW. AAL11 does not reply. No ident is received from the aircraft.  |
| 1218:56 UTC | Sector 46 attempts contact with AAL11. AAL11 does not reply.                                                                    |
| 1220:07 UTC | Sector 46 attempts contact with AAL11. AAL11 does not reply.                                                                    |
| 1220:48 UTC | Last radar hit on AAL11 squawking discrete beacon code. All further radar data is primary only.                                 |
| 1222:27 UTC | Sector 46 attempts contact with AAL11. AAL11 does not reply.                                                                    |
| 1224:38 UTC | Transmission on frequency from hijacker.                                                                                        |
| 1224:46 UTC | Sector 46 requests if someone is calling ZBW.                                                                                   |
| 1224:53 UTC | Sector 46 request if AAL11 is trying to call ZBW.                                                                               |
| 1224:57 UTC | Transmission on frequency from hijacker.                                                                                        |
| 1227:50 UTC | ZBW STMC contacts Central Flow East Position regarding AAL11 and advises of a possible hijack situation.                        |
| 1229:01 UTC | ZBW STMC with Central Flow East Position conferences with ZNY and ZOB TMU regarding AAL11.                                      |
| 1230:13 UTC | Time stamp on phone records indicates OMIC contacts ROC regarding AAL11.                                                        |
| 1233:59 UTC | Transmission on frequency from hijacker.                                                                                        |
| 1234:32 UTC | ZBW STMC contacts CAPE Approach and requests coordination with OTIS AFB regarding a military aircraft scramble regarding AAL11. |
| 1240:02 UTC | ZBW STMC contacts Central Flow East Position and requests a conference with N90 regarding AAL11.                                |

As you can tell, the time line indicates ZBW was very responsive to the hijack situation. It doesn't appear Sector 46 had a full understanding of the situation until 1224:57 UTC. To complete CPC to OS coordination regarding AAL11 and have the STMC contacting Central Flow approximately three minutes later is outstanding. Sector 46, Area C OS, STMC and OMIC did excellent and timely work. I'm sure many others at ZBW did also. I hope the time line helps

answer any questions you might have regarding this situation. This information was provided to your office only. If you have any further questions, please contact the Quality Assurance Office.



Rusty Baird  
Support Specialist  
Quality Assurance

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Dist: ZBW-2/1

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# ***Quality Assurance Bulletin***

**BOSTON CENTER BULLETIN**

**DATE: September 20, 2001**

**SUBJECT: AAL11**

**INFORMATION:** The following information is provided regarding Aircraft Accident AAL11 on September 11, 2001.

|             |                                                                                                                                                                                                                                               |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1209:17 UTC | AAL11 reports on ZBW Sector 46 frequency leaving FL190 for FL230.                                                                                                                                                                             |
| 1209:22 UTC | AAL11 instructed to climb to FL280. AAL11 acknowledges clearance.                                                                                                                                                                             |
| 1210:13 UTC | AAL11 instructed to climb to FL290. AAL11 acknowledges clearance.                                                                                                                                                                             |
| 1211:58 UTC | AAL11 issued a traffic advisory for a MD80 at FL310. AAL11 acknowledges the advisory.                                                                                                                                                         |
| 1213:29 UTC | AAL11 instructed to turn 20 degrees right. AAL11 acknowledges the clearance.                                                                                                                                                                  |
| 1213:47 UTC | AAL11 instructed to climb to FL350. AAL11 does not reply to the clearance.                                                                                                                                                                    |
| 1213:57 UTC | AAL11 instructed to climb to FL350. AAL11 does not reply to the clearance.                                                                                                                                                                    |
| 1214:08 UTC | Sector 46 attempts contact with AAL11. AAL11 does not reply.                                                                                                                                                                                  |
| 1214:23 UTC | Sector 46 attempts contact with AAL11. AAL11 does not reply.                                                                                                                                                                                  |
| 1214:33 UTC | Sector 46 attempts contact with AAL11. AAL11 does not reply.                                                                                                                                                                                  |
| 1214:45 UTC | Sector 46 advises Sector 38 AAL11 was turned 20 degrees right, is NORDO and is possibly climbing to FL290 only.                                                                                                                               |
| 1215:13 UTC | Sector 46 attempts contact with AAL11. AAL11 does not reply.                                                                                                                                                                                  |
| 1215:22 UTC | Sector 46 instructs AAL11 to ident if the aircraft can hear ZBW. AAL11 does not reply. No ident is received from the aircraft.                                                                                                                |
| 1216:32 UTC | Sector 46 attempts contact with AAL11. AAL11 does not reply.                                                                                                                                                                                  |
| 1217:05 UTC | Sector 46 attempts contact with AAL11. AAL11 does not reply.                                                                                                                                                                                  |
| 1217:56 UTC | Sector 46 instructs AAL11 to ident if the aircraft can hear ZBW. AAL11 does not reply. No ident is received from the aircraft.                                                                                                                |
| 1218:56 UTC | Sector 46 attempts contact with AAL11. AAL11 does not reply.                                                                                                                                                                                  |
| 1219:00 UTC | Area B OS attempts to contact AAL11 through SFO ARINC.                                                                                                                                                                                        |
| 1220:07 UTC | Sector 46 attempts contact with AAL11. AAL11 does not reply.                                                                                                                                                                                  |
| 1220:48 UTC | Last radar hit on AAL11 squawking discrete beacon code. All further radar data is primary only. Sector 46 advises the Area C OS that AAL is NORDO and no transponder. Area C OS coordinates updated information concerning AAL11 with Area B. |
| 1222:27 UTC | Sector 46 attempts contact with AAL11. AAL11 does not reply.                                                                                                                                                                                  |
| 1224:38 UTC | Transmission on frequency from hijacker.                                                                                                                                                                                                      |
| 1224:46 UTC | Sector 46 requests if someone is calling ZBW.                                                                                                                                                                                                 |
| 1224:53 UTC | Sector 46 request if AAL11 is trying to call ZBW.                                                                                                                                                                                             |
| 1224:57 UTC | Transmission on frequency from hijacker. Area C OS advises the OMIC and Area B that AAL11 is possibly being hijacked.                                                                                                                         |
| 1227:50 UTC | ZBW STMC contacts Central Flow East Position regarding AAL11 and advises of a possible hijack situation.                                                                                                                                      |
| 1229:01 UTC | ZBW STMC with Central Flow East Position conferences with ZNY and ZOB TMU regarding AAL11.                                                                                                                                                    |
| 1230:13 UTC | Time stamp on phone records indicates OMIC contacts ROC regarding AAL11.                                                                                                                                                                      |
| 1233:59 UTC | Transmission on frequency from hijacker.                                                                                                                                                                                                      |
| 1234:32 UTC | ZBW STMC contacts CAPE Approach and requests coordination with OTIS AFB regarding a military aircraft scramble regarding AAL11.                                                                                                               |
| 1237:54 UTC | ZBW MOS contacts NEADS requesting a military aircraft scramble regarding AAL11.                                                                                                                                                               |
| 1240:02 UTC | ZBW STMC contacts Central Flow East Position and requests a conference with N90 regarding AAL11.                                                                                                                                              |

|             |                                                                                                                                                                        |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1253:39 UTC | CAPE APPROACH contacts Sector 18 and advises PANTA45 (military scramble aircraft) has departed and is out of 5,000 feet. Sector 18 approves PANTA45 climbing to FL290. |
| 1253:59 UTC | Sector 18 advises CAPE APPROACH PANTA45 is radar contact.                                                                                                              |
| 1255:11 UTC | PANTA45 reports on Sector 18 frequency climbing to FL290.                                                                                                              |
| 1303:55 UTC | ZBW TMU advises internal facilities to ground stop all traffic.                                                                                                        |
| 1311:02 UTC | ZBW CPC's advise all aircraft to increase cockpit security                                                                                                             |
| 1327:00 UTC | ZBW TMU advises internal facilities to ground stop all IFR and VFR traffic.                                                                                            |
| 1342:20 UTC | ZBW CPC's advise all military aircraft in training to RTB.                                                                                                             |
| 1349:00 UTC | ZBW TMU advises internal facilities and ZBW control positions that all airborne aircraft must land as soon as possible.                                                |

Rusty Baird  
Support Specialist  
Quality Assurance

---

Dist: ZBW-2/1

13<sup>45</sup><sup>55</sup> - ATCSCC advises to shortcut airborne flights.



### CHAIN OF CUSTODY

This form serves as chain of custody for the following facility's specified data/information

**FACILITY:** BOSTON ARTCC

**DATA/INFORMATION:** BADAB VIEWPOINT PLOT AAL11 1200:52  
1220:4E

BADAB VIEWPOINT PLOT WAL175 1214:52-1226:30

1 CERT REBEC ZBW TMU SEVERE WX 1220-1255 UTC

**PURPOSE/REMARKS:** FBI INVESTIGATION

Bedford, NH FIELD OFFICE (603) 472-2224

**From:** Robert Jones

**Title:** Support Specialist

**Signature:** [Signature]

**Date:** 9/17/01

**To:** John Mulvaney

**Title:** SA, FBI

**Signature:** [Signature]

**Date:** 9/17/01

**Witness:** \_\_\_\_\_

**Title:** \_\_\_\_\_

**Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**From:** \_\_\_\_\_

**Title:** \_\_\_\_\_

**Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**To:** \_\_\_\_\_

**Title:** \_\_\_\_\_

**Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Witness:** \_\_\_\_\_

**Title:** \_\_\_\_\_

**Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Date:** 9/17/01 3:07 PM  
**Sender:** Robert K Jones  
**To:** Tom Benson  
**Priority:** Normal  
**Subject:** Information Release to FBI

---

Mr. Benson:

For your information:

Boston Center provided the following information to FBI Agent John Mulvaney on September 17, 2001:

- Radar Viewpoint Plot of AAL11 (1200:52-1220:48)
- Radar Viewpoint Plot of UAL175 (1214:52-1246:34)
- (1) Certified Re-recording - ZBW TMU Severe Weather (1220-1255)

Please contact me if you have any questions.

Regards,

Bob Jones, ZBW-505.3  
(603) 879-6376

ZBW-ARTCC-148  
AAL11

**Date:** 9/17/01 9:58 AM  
**Sender:** Tom Benson  
**To:** Bettina Peronti; Allan Turmelle; Joseph Davies; Tracie Henry; Heather E Hemdal; Kenneth F Acker; Clifford R Baird  
**Priority:** Urgent  
**Subject:** Fwd:Action items remaining open

The requests for information from HQ will be sporadic and probably with short timeframes. I believe we are in good shape and just have follow-up re-recordings and transcripts to go. There are two issues were dealing with here and I want to try and help doing things more than once if we can. HQ is in a push for the Congressional hearings and in the continuation of the investigation, both accident and criminal, so please bear with them and us.

We also have the accident packages. ZBW is compiling AAL11, ZNY - UAL175.

The first two events listed below are all that effect ANE. If you believe otherwise, please let me know. Please let me know what information you will be preparing and forwarding to Headquarters, then send directly to them. Please check the cassettes and disks to ensure we don't send blank or inoperable ones. I only mention that because it has been done in the past and due to the urgency, we will not be reviewing them here intially. If your capable of posting directly to the FTP site, proceed accordingly.

I want to commend all of you for the job you've done so far, you've been great. If there's anything we can do here to help, please let me know.

Tom

Forward Header

**Subject:** Action items remaining open  
**Author:** Douglas Gould  
**Date:** 9/17/2001 8:27 AM

Good Morning all,

I have to thank all of you for the incredible dedication and work that you've all done this past week. I apologize that some items had to be duplicated, but we've had a lot of data coming in.... Unfortunately several more IOU's are still awaiting completion. Below you will find a list of items needed ASAP. Please review and forward either electronically, fax or overnight.

**AEA The IAD wave files are up on ANE's site in a folder labeled IAD and DCA.**

**AAL11:**

**Transcript**

I have LCE, ID, SL, ZBW TMU and K90/HST.

All other facilities that spoke with AAL11 and communication ref. Hijack/accident that is on a recorded line, including with the Military/NEOD/NORAD or any other agency.

**Voice re-recording**

Certified Cassettes of all communications with AAL11 and coordination of said aircraft

Wave recording of all pertinent transmission to or from AAL11

**Flight Progress strip from all facilities**

**Employee Statements**

**UAL175**

**Transcript**

I have BOS GC, LCW, ID, SL, ZBW 47R, 20R, ZNY R42 AND HUNTRESS.

All other facilities that spoke with UAL175 and communication ref. Hijack/accident that is on a

recorded line, including with the Military/NEOD/NORAD or any other agency.

**Voice re-recording**

Certified Cassettes of all communications with UAL175 and coordination of said aircraft

Wave recording of all pertinent transmission to or from UAL175

**Flight Progress strip from all facilities**

**Employee Statements**

AAL77

**Transcript**

I have outbound IAD GC, LCW, ND, NH, ZDC R05 R03, ZID HNN R, HNN RA, DAC R, DAC RA.

(need inbound from IAD and DCA)

All other facilities that spoke with AAL75 and communication ref. Hijack/accident that is on a recorded line, including with the Military/NEOD/NORAD or any other agency.

**Voice re-recording**

Certified Cassettes of all communications with AAL75 and coordination of said aircraft

Wave recording of all pertinent transmission to or from AAL75

**Flight Progress strip from all facilities**

**Employee Statements**

UAL93

**Transcript**

I have EWR GC2, GC, LC and ZOB R49 AND R67.

All other facilities that spoke with UAL93 and communication ref. Hijack/accident that is on a recorded line, including with the Military/NEOD/NORAD or any other agency.

**Voice re-recording**

Certified Cassettes of all communications with UAL93 and coordination of said aircraft

Wave recording of all pertinent transmission to or from UAL93

**Flight Progress strip from all facilities**

**Employee Statements**

Please forward partial pertinent transcripts and wave files NLT COB Wednesday 9/19th (deadline with FBI). Statements should be gathered and forwarded as the employee's return to work. All management shall do them today, no excuse. We understand, several facilities may not have logged all actions, so it is critical that this information is captured in statements with approximate times on each notification (very critical). It may be easier to complete a timeline with action/notification taken with time and by whom and have all sign to validate these actions.

Again I thank you all and apologize for being so demanding.. As you know this AM the Administrator will be standing in front of Congress explaining our actions vs. inaction's... Everyone did an exceptional job. Keep your heads up and ensure you all take care of yourselves and families.

To Better Times

Doug

BOSTON ARTCC

JOB #462

|     | DATE | TIME  | TO/FROM     | MODE  | MIN/SEC | PGS | STATUS |
|-----|------|-------|-------------|-------|---------|-----|--------|
| 001 | 9/17 | 09:40 | 781 2387593 | EC--S | 00' 29" | 001 | OK     |

---

PA FILE.  
DONT KNOW IF  
YOU GUYS HAD A  
COPY OF THIS FOR THE  
FILES.

*[Signature]*

ZBW-ARTCC-148  
AAL11

**Date:** 9/17/01 2:51 PM  
**Sender:** Robert K Jones  
**To:** Jimmy C Mills  
**cc:** Tom Benson  
**Priority:** Urgent  
Receipt requested  
**Subject:** ZBW Personnel

---

Mr. Mills:

Attached is a Microsoft Excel File containing names of Boston Center personnel who handled data in reference to UAL175 and AAL11.

Please contact me if you require more information.

Regards,

Bob Jones, ZBW-505.3  
(603) 879-6376



Sept 11 Accident  
Personnel.xls

| Employee Name      | Operating Initials | Title  | Operational Position | Time on Position (UTC) | AAL11 | UAL175 |
|--------------------|--------------------|--------|----------------------|------------------------|-------|--------|
| Biggio, Terry      | OE                 | OM     | OMIC                 | 1030-1814              | X     | X      |
| Bueno, Daniel      | BD                 | STMCIC | STMCIC               | 0930-1800              | X     | X      |
| Zalewski, Peter    | ZP                 | CPC    | Sector 46 R          | 1147-1229              | X     | X      |
| Poncet, Glen       | PN                 | CPC    | Sector 09 RA         | 1216-1322              | X     |        |
| McGlaufflin, David | CC                 | CPC    | Sector 09 R          | 1218-1324              | X     |        |
| Oliver, Shirley    | SO                 | OS     | Sector 38 RA         | 1136-1251              | X     |        |
| Martins, Brazilino | NO                 | CPC    | Sector 38 RA         | 1158-1249              | X     |        |
| Miller, Alan       | TV                 | CPC    | Sector 46 RA         | 1227-1229              | X     | X      |
| Beringer, Richard  | RB                 | CPC    | Sector 47 RA         | 1136-1228              | X     | X      |
| Oniel, Mark        | MO                 | CPC    | Sector 47 RA         | 1228-1237              |       | X      |
| Taccini, Gregory   | TF                 | CPC    | Sector 47 RA         | 1207-1255              | X     | X      |
| Dean, William      | WD                 | TMC    | Sector 20 RA         | 1208-1313              | X     | X      |
| Hartling, John     | HT                 | CPC    | Sector 20 R          | 1233-1303              | X     | X      |
| Schmalz, Stephen   | ST                 | CPC    | Sector 20 RA         | ????-1207              | X     |        |
| Schiappani, John   | SH                 | OS     | Area C OSIC          | 1216-1359              | X     | X      |

# Fax Transmittal

|                                      |                                 |
|--------------------------------------|---------------------------------|
| <b>To:</b> Tom Benson                | <b>From:</b> Rusty Baird        |
| <b>Fax:</b> 781-238-7598             | <b>Date:</b> September 19, 2001 |
| <b>Pages:</b> 9 (Including This One) | <b>Phone:</b> 603 879 6672      |
| <b>Re:</b> Partial Transcript        |                                 |

**•Comments:**

ZBW MOS. Please call if you need further assistance. Thank you.



**Date:** 9/19/01 2:02 PM  
**Sender:** Clifford R Baird  
**To:** Tom Benson; Heather E Hermdal; Glenn W Michael  
**Priority:** Normal  
Receipt requested  
**Subject:** MOS Transcripts

---

Attached is the MOS transcript. Thanks.

Rusty Baird



UTC times of wave files for ZBW MOS Position.  
The missing gaps of time are dead space on the  
rerecording.

zbwmos1 1237:50  
1238:15

zbwmos2 1239:00  
1242:15

zbwmos3 1252:00  
1253:05

wave files forwarded to ANE-505  
9/19/01

# Fax Transmittal

|                                       |                                 |
|---------------------------------------|---------------------------------|
| <b>To:</b> Tom Benson                 | <b>From:</b> Rusty Baird        |
| <b>Fax:</b> 781-238-7598              | <b>Date:</b> September 20, 2001 |
| <b>Pages:</b> 16 (Including This One) | <b>Phone:</b> 603 879 6672      |
| <b>Re:</b> Transcripts AAL11          |                                 |

**•Comments:**

Tom, copies faxed to Doug Gould. Please call if you need further assistance.  
Thank you.

# Fax Transmittal

**To:** Doug Gould

**From:** Rusty Baird

**Fax:** 202-267-7389

**Date:** September 20, 2001

**Pages:** 16 (Including This One)

**Phone:** 603 879 6672

**Re:** Transcripts AAL11

**•Comments:**

Please call if you need further assistance. Thank you.

Full Transcript AAL 11 SECTOR 46  
Partial Transcript AAL 11 SECTOR 47

# Fax Transmittal

**To:** Tom Benson

**From:** Rusty Baird

**Fax:** 781-238-7598

**Date:** September 20, 2001

**Pages:** 3 (Including This One)

**Phone:** 603 879 6672

**Re:** Personnel Statement

**•Comments:**

Please call if you need further assistance. Thank you.

*Colin Scoggins Statement*

# Fax Transmittal

**To:** Chris Soucy

**From:** Rusty Baird

**Fax:** 202-267-7389

**Date:** September 20, 2001

**Pages:** 2 (Including This One)

**Phone:** 603 879 6672

**Re:** Personnel Statement

**•Comments:**

Page 2 of Personnel Statement with signature and date. Please call if you need further assistance. Thank you.

*Colin Scoggins Statement Page 2*

ZBW-ARTCC-148  
AAL11

**Date:** 9/21/01 2:24 PM  
**Sender:** Clifford R Baird  
**To:** Dan Diggins; Tom Benson  
**Priority:** Normal  
Receipt requested

**Subject:** NTAP & DART Data AAL11 - UAL175

---

Dan, the requested NTAP's and DART's were forwarded via FTP. There is a word document zdwntapdart.doc that explains the files. Thanks.

Rusty Baird

Information regarding NTAP and DART data provided to AAT-200 concerning AAL and UAL175 on September 11, 2001.

#### **AAL11**

aal11.txt      1<sup>st</sup> radar target at 422398N,0705938W at 1200:52 UTC on code 1443  
last radar target at 423813N,0731213W at 1220:48 UTC on code 1443

aalpri1.txt    last radar target at 423813N,0731213W at 1220:48 UTC on code 1443  
1<sup>st</sup> primary target at 423960N,0731622W at 1221:12 UTC  
last primary target at 415555N,0735667W at 1234:32 UTC

aalpri2.txt    1<sup>st</sup> primary target at 420785N,0740283W at 1233:00 UTC  
last primary target at 414435N,0735287W at 1236:05 UTC

aalpri3.txt    1<sup>st</sup> primary target at 415207N,0735523W at 1235:00 UTC  
last primary target at 404400N,0735910W at 1246:14 UTC

aal11d.dat     DART data from 1155:00 UTC to 1250:00 UTC

#### **UAL175**

ual175.txt     1<sup>st</sup> radar target at 422195N,0705722W at 1214:52 UTC on code 1470  
last radar target at 410132N,0743895W at 1246:34 UTC on code 1470

ual175a.txt    last radar target at 410132N,0743895W at 1246:34 UTC on code 1470  
1<sup>st</sup> radar target at 410068N,0744042W at 1246:43 UTC on code 3020  
last radar target at 405830N,0744628W at 1247:25 UTC on code 3020  
1<sup>st</sup> radar target at 405765N,0744790W at 1247:37 UTC on code 3321  
last radar target at 404145N,0740232W at 1302:50 UTC on code 3321

ual175d.dat    DART data from 1210:00 UTC to 1305:00 UTC



ZBW-ARTCC-148  
AAL11

Date: 9/21/01 7:38 AM  
Sender: Kenneth F Acker  
To: Clifford R Baird; Robert K Jones  
Priority: Normal  
Subject: Fwd[2]:NTSB Request 01-096  
FYI

Forward Header

Subject: Fwd:NTSB Request 01-096  
Author: Tom Benson  
Date: 9/21/01 6:41 AM

Please review and see if there's anything you haven't *already* provided to someone else. I believe this request has a typo in that UAL77 should be UAL175.

Thanks

Tom

Forward Header

Subject: NTSB Request 01-096  
Author: Robin Holmes  
Date: 9/20/2001 3:08 PM

**NTSB Request #01-096**

**Date of Request 09/20/01**

**SUBJECT: Information in support of the FBI's investigation of the hijackings that involved United Airlines flight's 77 and 93, and American Airlines flight's 11 and 77.**

A/C Identification: UAL 77 and 93, and AAL 11 and 77 Date: September 11, 2001  
Action Region(s): AEA, ANE, AGL,  
HQ Primary Contact: Doug Gould, 267-7010  
Backup: Chris Soucy, 267-9127  
or: Dan Diggin, 267-9124

NTSB specialists assess existing inventory of data and product in possession of AAT-200 for necessary items. The NTSB is requesting the following:

1. NTAP extractions from FAA enroute facilities, ZBW, ZNY, ZOB and *completed 9/21/01* ZDC covering flights of all four airplanes. (Excluding NTAPs already provided.)
2. CDR extractions from FAA terminal facilities underlying entire route of each flight. Times covering each flight, use filters TG and TD (or TA/TU) RAPTOR style extraction acceptable. Please use separate files for TG and track data.
3. FAA enroute tracking information (i.e. DART extractions) for each airplane from ZBW, ZNY, ZDC, ZOB and ZID as *completed 9/21/01* appropriate.

4. Eyewitness reports by controllers or records of reports to ATC facilities by pilots, etc.

5. ATC voice recordings all contracts with airplanes. Starting with initial clearance delivery contact, through last frequency with established communication. Recording of last frequency through impact time. Check Airways Facilities at Cleveland, New York and Boston ARTCC's for possible maintenance recordings at transceiver sites of last established frequency. Include communications about hijacked airplanes between controllers and other flight crews. (i.e. witness or chase) *completed 10/3/01*

6. ATC recordings of all landline communications about airplanes - both intra and inter-facility, and notifications to Command Center, Military, etc. Include communication about witness or chase aircraft.

7. Personnel statements, record of events from ATC facility personnel doing any notification of military, SAR, etc. on unrecorded lines.

8. Any transcripts, logs, sequence of events, telecon, etc. records from above facilities and associated regions and HQ.

Please forward your responses to Robin Holmes, AAT-200, before October 9, 2001.

thanks



U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

# Memorandum

**Subject:** **INFORMATION:** AAT-200 Request, Aircraft  
Accident, AAL11

**Date:** September 26, 2001

**From:** Quality Assurance Support Specialist,  
ZBW-505.4

**Reply to  
Attn. of:**

**To:** Manager, Investigations Division, AAT-200  
ATTN: Doug Gould

Per your request, attached are the following certified voice rerecordings concerning AAL11 on September 11, 2001.

Boston ARTCC Sector 47 Radar Position.

Boston ARTCC Sector 46 Radar Position.

Boston ARTCC Traffic Management Unit Severe Weather Position.

Boston ARTCC Traffic Management Unit Military Operations Specialist  
Position.

If we can be of further assistance, please contact the Quality Assurance Office at (603) 879-6672.

  
Rusty Baird

Attachments

**FedEx** USA AirbillFedEx  
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I.D. No.

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SPH33

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Company FAA BOSTON CENTER  
Address 35 NORTHEASTERN BLVD Dept./Floor/Suite/Room  
City NASHUA State NH ZIP 03062

**2 Your Internal Billing Reference Information**  
(Optional) (First 24 characters will appear on invoice)

**3 To** (please print and press hard)  
Recipient's Name DOUG GOULD, AAT-200 Phone (202) 267-9119  
Company FAA HEADQUARTERS

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RETAIN THIS COPY FOR YOUR RECORDS

ZBW-ARTCC-148  
AAL11

**Date:** 9/26/01 1:36 PM  
**Sender:** Tom Benson  
**To:** Clifford R Baird  
**Priority:** Urgent  
**Subject:** Fwd: IOU's for FBI  
Rusty,

---

I thought we did these, but apparently we didn't. Can you send these direct to Doug.

Thanks,

Tom

---

Forward Header  
**Subject:** IOU's for FBI  
**Author:** Douglas Gould  
**Date:** 9/26/2001 12:51 PM

Certified Voice cassettes from the following facilities ASAP...

UAL93  
EWR LC, ZNY R42? (Whom ever worked aircraft between R39 and ZID)

AAL11  
ZBW R47, R46  
UAL175  
ZBW R47, R46, R20, R42

See attached below for our master inventory list..

  
NTSB Request  
Inventory.doc

**NTSB Request List for September 11, 2001,  
AAL11**

**AAL11, B767, BOS to LAX**

**Radar Data**

| Facility | Time Period | File Name   | Type Extraction | Rec'd AAT-200 | To NTSB |
|----------|-------------|-------------|-----------------|---------------|---------|
| BOS      |             | Cdr_out.txt | CDR             | 9/11          | 9/21    |
| ZBW      | Varied      | Varied      | SAR/SATORI      | 9/11          | 9/21    |
| N90      |             | AaLEWR.txt  | CDR             | 9/11          | 9/21    |
|          |             |             |                 |               |         |

**Voice Communication**

| Facility | Time Period     | Position           | Type Voice | Transcript  | Rec'd AAT-200 | To NTSB |
|----------|-----------------|--------------------|------------|-------------|---------------|---------|
| BOS      | 1139:07-1150:17 | CD                 | Tape       | Full        | 9/21          | 9/21    |
| BOS      | 1140:40-1200:49 | GC                 | Tape       | Full        | 9/21          | 9/21    |
| BOS      | 1145:27-1202:24 | LCW                | Tape       | Full        | 9/21          | 9/21    |
| BOS      | 1152:37-1217:48 | LCE                | Tape       | Full        | 9/21          | 9/21    |
| BOS      | 1155:32-1210:49 | Initial Dept       | Tape       | Full        | 9/21          | 9/21    |
| BOS      | 1157:42-1210:00 | Lincoln Dept       | Tape       | Full        | 9/21          | 9/21    |
| ZBW      | 1205:32-1208:50 | Sector 47R         |            | Partial (D) | 9/20          | 9/21    |
| ZBW      | 1204:51-1233:59 | Sector 46R         |            | Full        | 9/20          | 9/21    |
| ZBW      | 1227:50-1244:45 | Severe WX          |            | Partial (D) | 9/15          | 9/21    |
| ZBW      | 1237:54-1253:06 | Military Ops       |            | Partial     | 9/19          | 9/21    |
| N90      | 1240:23-1243:06 | Departure Director |            | Partial     | 9/18          | 9/21    |
| N-90     | 1235-1315       | TMU-DD             | Tape       |             |               | 9/26    |
|          |                 |                    |            |             |               |         |
|          |                 |                    |            |             |               |         |

**Miscellaneous**

| Facility | Item                         | Position |  | Rec'd AAT-200 | To NTSB |
|----------|------------------------------|----------|--|---------------|---------|
| HQ       | General File Folder          |          |  |               | 9/21    |
|          | AGL-500 Bfng. Sheet          |          |  | 9/16          | 9/21    |
|          | Chronology of Events         |          |  |               | 9/21    |
|          | Flight Strips                |          |  | 9/15          | 9/21    |
|          | AEA Chronology of Events     |          |  | 9/12          | 9/21    |
|          | Facilities Daily Logs (Summ) |          |  |               | 9/21    |
|          | ZBW Chronology of Events     |          |  |               | 9/21    |
|          | ZBW Transcript               |          |  | 9/13          | 9/21    |
|          | ISP/AIFSS Form 7230-4        |          |  | 9/12          | 9/21    |

**AAL11, B767, BOS to LAX**

[illegible]

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**NTSB Request List for September 11, 2001,  
UAL175**

**UAL175, B767, BOS to LAX**

**Miscellaneous**

| Facility | Item                                            |  |  | Rec'd AAT-200 | To NTSB |
|----------|-------------------------------------------------|--|--|---------------|---------|
| HQ       | General File Folder                             |  |  |               | 9/21    |
|          | AGL-500 Bfng. Sheet                             |  |  | 9/16          | 9/21    |
|          | Timeline                                        |  |  |               | 9/21    |
|          | Flight Strips (BOS)                             |  |  | 9/15          | 9/21    |
|          | Chronology of Events                            |  |  | 9/12          | 9/21    |
|          | ZDC Form 7230-4                                 |  |  | 9/12          | 9/21    |
|          | EWR Form 7230-4                                 |  |  | 9/12          | 9/21    |
|          | N-90 Form 7230-4                                |  |  | 9/12          | 9/21    |
|          | PIT Form 7230-4                                 |  |  | 9/12          | 9/21    |
|          | IAD Form 7230-4                                 |  |  | 9/12          | 9/21    |
|          | DCA Form 7230-4                                 |  |  | 9/12          | 9/21    |
|          | ZBW Form 7230-4                                 |  |  | 9/12          | 9/21    |
|          | A90 Form 7230-4                                 |  |  | 9/12          | 9/21    |
|          | ZOB Form 7230-4                                 |  |  | 9/12          | 9/21    |
|          | ZNY Form 7230-4                                 |  |  | 9/12          | 9/21    |
|          | ZID Form 7230-4                                 |  |  | 9/12          | 9/21    |
|          | AEA-6 Form 7230-4                               |  |  | 9/14          | 9/21    |
|          | AGL-6 Form 7230-4                               |  |  | 9/14          | 9/21    |
|          | BOS Form 7230-4                                 |  |  | 9/14          | 9/21    |
|          | ADA-30 Ops Center Activity Rpt.                 |  |  | 9/14          | 9/21    |
|          | Facilities Daily Logs (Summ)                    |  |  |               | 9/21    |
|          | Briefing Item AAL11, UAL175                     |  |  | 9/11          | 9/21    |
|          | OAG Flight Details                              |  |  | 9/11          | 9/21    |
|          | AEA Ops Center Prelim Aircraft<br>Accident Rpt. |  |  | 9/11          | 9/21    |
|          | Chronology of Events                            |  |  |               | 9/21    |
|          | Personnel Statements BOS, ZBW,<br>N-90          |  |  | 9/14-20       | 9/21    |
|          | ZBW/ZNY Tracks and Timeline                     |  |  |               | 9/21    |
|          |                                                 |  |  |               |         |

**NTSB Request List for September 11, 2001,  
UAL93**

**UAL93, B757, EWR to SFO**

**Radar Data**

| Facility | Time Period | File Name     | Type Extraction | To NTSB |
|----------|-------------|---------------|-----------------|---------|
| N90      |             | cdr_out.txt   | CDR             | 9/21    |
| ZNY      | Varied      | Varied        | SAR/SATORI      | 9/21    |
| ZOB      | Varied      | Varied        | SAR/SATORI      | 9/21    |
| PIT      |             | PIT UAL93.txt | CDR             | 9/21    |
| ZOB      |             | ual93         | NTAP            | 9/18    |
| ZOB      |             | ual93a        | NTAP            | 9/18    |
| ZOB      |             | ual93b        | NTAP            | 9/18    |
| ZOB      |             | ual93c        | NTAP            | 9/18    |
| ZOB      |             | ual93x        | NTAP            | 9/18    |
| ZDC      |             | ual93-zdc4    | NTAP            | 9/18    |
| ZDC      |             | ual93-zdc5    | NTAP            | 9/18    |
| ZDC      |             | ual93-zdc6    | NTAP            | 9/18    |
| ZDC      |             | ual93-zdc7    | NTAP            | 9/18    |
| ZDC      |             | ual93-zdc8    | NTAP            | 9/18    |
| ZOB      |             | ual93-file 1  | NTAP            | 9/26    |
| ZOB      |             | ual93-file 10 | NTAP            | 9/26    |
| ZOB      |             | ual93-file 2  | NTAP            | 9/26    |
| ZOB      |             | ual93-file 3  | NTAP            | 9/26    |
| ZOB      |             | ual93-file 4  | NTAP            | 9/26    |
| ZOB      |             | ual93-file 5  | NTAP            | 9/26    |
| ZOB      |             | ual93-file 6  | NTAP            | 9/26    |
| ZOB      |             | ual93-file 8  | NTAP            | 9/26    |
| ZOB      |             | ual93-file 9  | NTAP            | 9/26    |

**Voice Communication**

| Facility | Time Period     | Position                    | Type Voice | Transcript      | Rec'd AAT-200 | To NTSB |
|----------|-----------------|-----------------------------|------------|-----------------|---------------|---------|
| EWR      | 1145-1210       | GC2                         | Tape       | Partial         | 9/13          | 9/21    |
| EWR      | 1204-1226       | GC                          |            | Partial         | 9/13          | 9/21    |
| EWR      | 1235-1247       | LC                          |            | Partial         | 9/13          | 9/21    |
| N90      | 1238-1256       | Newark Dept<br>Liberty West | Tape       | Full<br>Partial | 9/20          | 9/21    |
| ZNY      | 1245-1258       | R39                         | Tape       |                 |               | 9/26    |
| ZNY      |                 |                             |            |                 |               |         |
| ZOB      | 1301-1331       | Franklin-R                  | Tape       | Partial         | 9/20          | 9/21    |
| ZOB      | 1318-1331       | Franklin-R                  |            | Partial         |               | 9/26    |
| ZOB      | 1314-1348       | Lorain-R                    | Tape       | Partial         | 9/20          | 9/21    |
| ZOB      | 1333-1344       | Lorain-R                    | Tape       |                 | 9/20          | 9/21    |
| ZOB      | 1344-1400       | Lorain-R                    | Tape       |                 | 9/20          | 9/21    |
| ZOB      | 1344-1418       | Imperial-R                  | Tape       | Partial         | 9/20          | 9/21    |
| ZOB      | 1355-1416       | Imperial-D                  | Tape       | Partial         | 9/20          | 9/21    |
| ZOB      | 1358-1410       | Indianhead-R                | Tape       | Partial         | 9/20          | 9/21    |
| ZOB      | 1409-1421       | Indianhead-R                | Tape       |                 | 9/20          | 9/21    |
| ZOB      | 1338-1401       | Allegheny-R                 | Tape       | Partial         | 9/20          | 9/21    |
| ZOB      | 1359:44-1401    | Allegheny-D                 |            | Partial         | 9/20          | 9/21    |
| ZOB      | 1348-1409       | Westmoreland-R              | Tape       | Partial         | 9/20          | 9/21    |
| ZOB      | 1401-1440       | Military Ops                | Tape       | Partial         | 9/20          | 9/21    |
| PIT      | 1339-1351       | Arrival North               |            | Partial         | 9/20          | 9/21    |
| ZOB      | 1403:40-1426:34 | Huntress Military           |            | Partial (D)     | 9/20          | 9/21    |
| BWI      | 1356-1407       | Balt. Lo.                   | Tape       |                 |               | 9/26    |

**NTSB Request List for September 11, 2001,  
UAL93**

**UAL93, B757, EWR to SFO**

**Miscellaneous**

| Facility | Item                                            | Position | Rec'd AAT-200 | To NTSB |
|----------|-------------------------------------------------|----------|---------------|---------|
| HQ       | General File Folder                             |          |               | 9/21    |
|          | ACARS Data                                      |          |               | 9/21    |
|          | AGL-500 Bfng. Sheet                             |          | 9/16          | 9/21    |
|          | Chronologies of Events                          |          | 9/12          | 9/21    |
|          | Timeline(s)                                     |          |               | 9/21    |
|          | PIT Synopsis                                    |          | 9/14          | 9/21    |
|          | Flight Strip (ZOB)                              |          | 9/16          | 9/21    |
|          | Flight Strip (EWR)                              |          | 9/13          | 9/21    |
|          | ADA-30 Ops Center<br>Activity Rpt.              |          | 9/14          | 9/21    |
|          | AEA-6 Form 7230-4                               |          | 9/14          | 9/21    |
|          | AGL-6 Form 7230-4                               |          | 9/14          | 9/21    |
|          | ANE ROC Log                                     |          | 9/14          | 9/21    |
|          | OAG Flight Details                              |          | 9/11          | 9/21    |
|          | ZOB Aircraft Accident<br>Prelim Notic.          |          | 9/12          | 9/21    |
|          | ZOB Sector Staffing                             |          | 9/12          | 9/21    |
|          | ZOB Chain of Custody Ltr.                       |          | 9/12          | 9/21    |
|          | ZOB SATORI List                                 |          |               | 9/21    |
|          | AEA Ops Center Prelim<br>Aircraft Accident Rpt. |          | 9/11          | 9/21    |
|          | Req. List from Fac.                             |          |               | 9/21    |
|          | ZOB Misc. Questions                             |          |               | 9/21    |
|          |                                                 |          |               |         |
|          |                                                 |          |               |         |
|          |                                                 |          |               |         |

**NTSB Request List for September 11, 2001,  
AAL77**

**AAL77, B757, IAD to LAX**

**Radar Data**

| Facility | Time Period | File Name       | Type Extraction | Rec'd AAT-200 | To NTSB |
|----------|-------------|-----------------|-----------------|---------------|---------|
| IAD      |             | IADAAL.txt      | CDR             | 9/11          | 9/21    |
| ZDC      | Varied      | Varied          | SAR/SATORI      | 9/11          | 9/21    |
| ZID      | Varied      | Varied          | SAR/SATORI      | 9/11          | 9/21    |
| ZID      |             | aal77a          | NTAP            | 9/17          | 9/18    |
| ZID      |             | aal77a1         | NTAP            | 9/17          | 9/18    |
| ZID      |             | aal77a2         | NTAP            | 9/17          | 9/18    |
| ZID      |             | aal77a3         | NTAP            | 9/17          | 9/18    |
| ZID      |             | aal77b          | NTAP            | 9/17          | 9/18    |
| ZID      |             | aal77c          | NTAP            | 9/17          | 9/18    |
| IAD      |             | cdr911.txt      | CDR             | 9/11          | 9/21    |
| DCA      |             | DCA 9.11(2).txt | CDR             | 9/11          | 9/21    |
| DCA      |             | DCA 9-11.txt    | CDR             | 9/11          | 9/21    |
|          |             |                 |                 |               |         |
|          |             |                 |                 |               |         |
|          |             |                 |                 |               |         |
|          |             |                 |                 |               |         |
|          |             |                 |                 |               |         |
|          |             |                 |                 |               |         |

**Voice Communication**

| Facility | Time Period | Position                 | Type Voice | Transcript  | Rec'd AAT-200 | To NTSB |
|----------|-------------|--------------------------|------------|-------------|---------------|---------|
| IAD      | 1207-1218   | GCW                      | Tape       | Full        | 9/20          | 9/21    |
| IAD      | 1211-1226   | LCW                      | Tape       | Partial     | 9/13          | 9/21    |
| IAD      | 1209-1211   | ATIS                     | Tape       | None        | 9/20          | 9/21    |
| IAD      | 1215-1230   | North Departure          | Tape       | Partial     | 9/13          | 9/21    |
| IAD      | 1215-1230   | North High               | Tape       | Partial     | 9/13          | 9/21    |
| ZDC      | 1220-1236   | D05                      | Tape       | None        | 9/20          | 9/21    |
| ZDC      | 1220-1236   | R05                      | Tape       | Partial     | 9/20 (D)      | 9/21    |
| ZDC      | 1226-1246   | R03                      | Tape       | Partial     | 9/20 (D)      | 9/21    |
| ZID      | 1234-1320   | Henderson Radar          | Tape       | Partial (D) | 9/15          | 9/26    |
| ZID      | 1234-1320   | Henderson RA             | Tape       | Partial (D) | 9/15          | 9/26    |
| IAD      | 1327-1346   | Final West               | Tape       | None        | 9/20          | 9/21    |
| IAD      | 1328-1347   | North Departure          | Tape       | None        | 9/20          | 9/21    |
| IAD      | 1328-1340   | Area Supervisor          | Tape       | None        | 9/20          | 9/21    |
| IAD      | 1329-1348   | AD/DD                    | Tape       | None        | 9/20          | 9/21    |
| DCA      | 1329-1348   | RS, TS, DEP, FI          | Tape       |             |               | 9/26    |
| DCA      | 1332-1348   | LC                       | Tape       | Partial     |               | 9/26    |
| DCA      | 1325-1348   | F2, TYSON, KRANT         | Tape       | Partial     |               | 9/26    |
| DCA      | 1332-1344   | FI                       | Tape       | Partial     |               | 9/26    |
| DCA      | 1334-1348   | Tower Supervisor         |            | Partial     |               | 9/26    |
| DCA      | 1334-1345   | Tower Departure Overhead |            | Partial     |               | 9/26    |
| DCA      | 1329-1344   | Tower TRACON Supervisor  |            | Partial     |               | 9/26    |

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**NTSB Request List for September 11, 2001,  
AAL77**

**AAL77, B757, IAD to LAX**

**Miscellaneous**

| <b>Facility</b> | <b>Item</b>                                     | <b>Position</b> | <b>Rec'd AAT-200</b> | <b>To NTSB</b> |
|-----------------|-------------------------------------------------|-----------------|----------------------|----------------|
| HQ              | General File Folder                             |                 |                      | 9/21           |
|                 | AGL-500 Bfng. Sheet                             |                 | 9/16                 | 9/21           |
|                 | Chronologies of Events                          |                 | 9/12                 | 9/21           |
|                 | Timeline(s)                                     |                 | 9/16                 | 9/21           |
|                 | Tour of DCA                                     |                 | 9/14                 | 9/21           |
|                 | Flight Strip (ZID)                              |                 | 9/17                 | 9/21           |
|                 | ADA-30 Ops Center<br>Activity Rpt.              |                 | 9/14                 | 9/21           |
|                 | ZDC Form 7230-4                                 |                 | 9/12                 | 9/21           |
|                 | EWR Form 7230-4                                 |                 | 9/12                 | 9/21           |
|                 | N-90 Form 7230-4                                |                 | 9/12                 | 9/21           |
|                 | PIT Form 7230-4                                 |                 | 9/12                 | 9/21           |
|                 | IAD Form 7230-4                                 |                 | 9/12                 | 9/21           |
|                 | DCA Form 7230-4                                 |                 | 9/12                 | 9/21           |
|                 | ZBW Form 7230-4                                 |                 | 9/12                 | 9/21           |
|                 | A90 Form 7230-4                                 |                 | 9/12                 | 9/21           |
|                 | ZOB Form 7230-4                                 |                 | 9/12                 | 9/21           |
|                 | ZNY Form 7230-4                                 |                 | 9/12                 | 9/21           |
|                 | ZID Form 7230-4                                 |                 | 9/12                 | 9/21           |
|                 | AEA-6 Form 7230-4                               |                 | 9/14                 | 9/21           |
|                 | AGL-6 Form 7230-4                               |                 | 9/14                 | 9/21           |
|                 | BOS Form 7230-4                                 |                 | 9/14                 | 9/21           |
|                 | OAG Flight Details                              |                 | 9/11                 | 9/21           |
|                 | AEA Ops Center Prelim<br>Aircraft Accident Rpt. |                 | 9/11                 | 9/21           |
|                 | Alert Bulletin                                  |                 |                      | 9/21           |
|                 | ANE ROC Log                                     |                 | 9/14                 | 9/21           |
|                 | Timeline DCA (TYSON)                            |                 | 9/16                 | 9/26           |
|                 | Flight Strip (IAD)                              |                 | 9/25                 | 9/26           |

ZBW-ARTCC-148  
AAL11

Date: 9/26/01 10:27 AM  
Sender: Clifford R Baird  
To: Tom Benson  
Priority: Normal  
Receipt requested  
Subject: Fwd[2]:Re[2]:9/11/01 Voice Tapes

Tom, these rerecordings have been forwarded to AAT-200 as requested.

Rusty Baird

Forward Header

Subject: Fwd:Re[2]:9/11/01 Voice Tapes  
Author: Tom Benson  
Date: 9/24/01 1:06 PM

FYI, sorry guys, I thought they were done with us.

Forward Header

Subject: Re[2]:9/11/01 Voice Tapes  
Author: Douglas Gould  
Date: 9/24/2001 12:17 PM

Hi Tom,

We are still awaiting the following voice tapes:  
ZBW AAL11 R47 & R46 and when they can find the time we would like Severe wx & military ops

Thanks  
Doug

Reply Separator

Subject: Re:9/11/01 Voice Tapes  
Author: Tom Benson  
Date: 09/24/2001 8:23 AM

Doug,

In addition to what you've listed below, please send me any outstanding items you need from ANE from whoever wants it. In our correspondence last week you indicated you have received everything you needed from ANE and we want to make sure the field gets the right info..

Thanks,

Tom

Reply Separator

Subject: 9/11/01 Voice Tapes  
Author: Douglas Gould  
Date: 9/24/2001 7:54 AM

Good morning,

The FBI is still waiting for a complete set of certified voice tapes on cassettes on each leg on all four flights.. If a Controller spoke to one of these aircraft's, then you must forward a cassette. Please forward certified copies ASAP. They were due last Wednesday the 20th with the transcripts.....

26'

128

Any questions or problems, please call me.



U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

# Route Slip

To: Doug Gould, AAT-200

Date: October 2, 2001

Subject: Certified Voice Re-Recordings AAL11

Action: ☒ Per Your Request    ☐ Discuss with Me    ☐ Take Appropriate Action  
☐ For Your Information    ☐ For Your Approval    ☐ Please Answer  
☐ Per Our Conversation    ☐ For your Signature    ☐ Prepare Reply for:  
☐ Note and Return    ☐ Comment

Remarks:

Doug –

Enclosed are the following Certified Voice Re-Recordings for AAL11:

ZBW Boston Sector 46R  
ZBW Bosox Sector 47R  
ZBW Bosox Sector 47RA  
ZBW Severe Weather Coordinator Position (SVWC)  
ZBW Military Operations Specialist Position (MOS)

If you have any questions please feel free to contact myself, Rusty Baird (603-879-6672) or Robert Jones (603-879-6376).

  
Karen L. Goff  
Quality Assurance Technician

Phone: 603-879-6807

FAX: 603-879-6809



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Dept./Floor/Suite/Room

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☐ Cargo Aircraft Only

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Credit Card No. \_\_\_\_\_

| Total Packages | Total Weight | Total Declared Value* | Total Charges |
|----------------|--------------|-----------------------|---------------|
|                |              | \$ .00                | \$            |

\*When declaring a value higher than \$100 per shipment, you pay an additional charge. See SERVICE CONDITIONS, DECLARED VALUE, AND LIMIT OF LIABILITY section for further information.

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U.S. Department  
of Transportation  
**Federal Aviation—  
Administration**

# Route Slip

To: Doug Gould, AAT-200

Date: October 3, 2001

Subject: NTSB Request #01-096

Action: ☒ Per Your Request      ☐ Discuss with Me      ☐ Take Appropriate Action  
☐ For Your Information      ☐ For Your Approval      ☐ Please Answer  
☐ Per Our Conversation      ☐ For your Signature      ☐ Prepare Reply for:  
☐ Note and Return      ☐ Comment

Remarks:

Doug —

Enclosed are the following Certified Voice Re-Recordings for AAL11:

ZBW Utica Sector 09R  
ZBW Utica Sector 09RA  
ZBW Cape Sector 18R  
ZBW Cape Sector 18RA  
ZBW Kingston Sector 20R  
ZBW Kingston Sector 20RA  
ZBW Hampton Sector 31R  
ZBW Hampton Sector 31RA  
ZBW Athens Sector 38R  
ZBW Athens Sector 38RA

If you have any questions please feel free to contact myself, Rusty Baird (603-879-6672) or Robert Jones (603-879-6376).

  
Karen L. Goff  
Quality Assurance Technician

Phone: 603-879-6807

FAX: 603-879-6809

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(Optional) (First 24 characters will appear on invoice)**3 To** (please print and press hard)Recipient's Name DOUG GOULD, AAT-200 Phone (202) 267-9119Company FAA HEADQUARTERSAddress 800 INDEPENDENCE AVENUE, SW. BLDG. 10A, 428

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RETAIN THIS COPY FOR YOUR RECORDS

**Date:** 10/4/01 9:30 AM  
**Sender:** Kenneth F Acker  
**To:** Robert K Jones; Clifford R Baird; Karen L Goff  
**Priority:** Normal  
**Subject:** Fwd[2]:FOIA Related to the Events of September 11, 2001  
FYI

---

Forward Header

**Subject:** Fwd:FOIA Related to the Events of September 11, 2001  
**Author:** Heather E Hemdal  
**Date:** 10/4/01 9:13 AM

Forward Header

**Subject:** FOIA Related to the Events of September 11, 2001  
**Author:** Bob Locke  
**Date:** 10/2/2001 7:14 AM

FAA has received numerous requests for information regarding the events of September 11. In addition to ATC related data, requests are being made for copies of "all documents related to the events." Any documentation or material in your possession not directly related to the events of September 11 should be discarded.

FAA Order 8020.11B par. 387 states, "FAA personnel are to gather and preserve documents that are responsive to the request. If an investigation is ongoing when the FOIA is received, FAA personnel shall preserve the responsive records until such time as the request is processed."

Currently, FAA is not releasing information that could interfere with investigation efforts. Please continue to inventory and safeguard relevant information.

ZBW-ARTCC-148  
AAL11

**Date:** 10/9/01 9:04 AM

**Sender:** Bob Locke

**To:** Tom Benson; Bertrand R Ouellette; Bill Tobin; Heather E Hemdal; Glenn W Michael; Joseph Davies; Bettina Peronti; Clifford R Baird; Tracie Henry; Allan Turmelle

**Priority:** Normal

**Subject:** Fwd[2]:AAT-200 Inventory/NTSB & FBI Request

FYI, AAT-200 is maintaining the attached inventory of data regarding the events of September 11. As of today (October 9), ANE has complied with all requests.

Forward Header

**Subject:** Fwd:AAT-200 Inventory/NTSB & FBI Request

**Author:** Tom Benson

**Date:** 10/5/01 7:41 AM

Bob,

Could you please follow-up on the inventory.

Thanks - Tom

Forward Header

**Subject:** AAT-200 Inventory/NTSB & FBI Request

**Author:** Douglas Gould

**Date:** 10/3/2001 1:55 PM

Please review and provide those items that are blank. If you have any questions, please call.



Data Inventory.doc

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**NTSB Request List for September 11, 2001,  
AAL11**

**AAL11, B767, BOS to LAX**

**Radar Data**

| Facility | Time Period | File Name   | Type Extraction | Rec'd AAT-200 | To NTSB |
|----------|-------------|-------------|-----------------|---------------|---------|
| BOS      |             | Cdr_out.txt | CDR             | 9/11          | 9/21    |
| ZBW      | Varied      | Varied      | SAR/SATORI      | 9/11          | 9/21    |
| N90      |             | AalEWR.txt  | CDR             | 9/11          | 9/21    |
| N90      | 1200-1330   | N90ERIT     | ERIT            | 9/27          | 9/27    |

**Voice Communication**

| Facility | Time Period     | Position           | Type Voice | Transcript  | Rec'd AAT-200 | To NTSB |
|----------|-----------------|--------------------|------------|-------------|---------------|---------|
| BOS      | 1139:07-1150:17 | CD                 | Tape       | Full        | 9/21          | 9/21    |
| BOS      | 1140:40-1200:49 | GC                 | Tape       | Full        | 9/21          | 9/21    |
| BOS      | 1145:27-1202:24 | LCW                | Tape       | Full        | 9/21          | 9/21    |
| BOS      | 1152:37-1217:48 | LCE                | Tape       | Full        | 9/21          | 9/21    |
| BOS      | 1155:32-1210:49 | Initial Dept       | Tape       | Full        | 9/21          | 9/21    |
| BOS      | 1157:42-1210:00 | Lincoln Dept       | Tape       | Full        | 9/21          | 9/21    |
| ZBW      | 1205:32-1208:50 | Sector 47R         | Tape       | Partial (D) | 9/20          | 9/21    |
| ZBW      | 1200-1214       | Sector 47RA        | Tape       |             | 10/2          |         |
| ZBW      | 1204:51-1233:59 | Sector 46R         | Tape       | Full        | 9/20          | 9/21    |
| ZBW      | 1227:50-1244:45 | Severe WX          | Tape       | Partial (D) | 9/15          | 9/21    |
| ZBW      | 1237:54-1253:06 | Military Ops       | Tape       | Partial     | 9/19          | 9/21    |
| N90      | 1240:23-1243:06 | Departure Director |            | Partial     | 9/18          | 9/21    |
| N-90     | 1235-1315       | TMU-DD             | Tape       |             | 9/28          | 9/26    |

**Miscellaneous**

| Facility | Item                         | Position |  | Rec'd AAT-200 | To NTSB |
|----------|------------------------------|----------|--|---------------|---------|
| HQ       | General File Folder          |          |  |               | 9/21    |
|          | AGL-500 Bfng. Sheet          |          |  | 9/16          | 9/21    |
|          | Chronology of Events         |          |  |               | 9/21    |
|          | Flight Strips                |          |  | 9/15          | 9/21    |
|          | AEA Chronology of Events     |          |  | 9/12          | 9/21    |
|          | Facilities Daily Logs (Summ) |          |  |               | 9/21    |
|          | ZBW Chronology of Events     |          |  |               | 9/21    |
|          | ZBW Transcript               |          |  | 9/13          | 9/21    |
|          | ISP/AIFSS Form 7230-4        |          |  | 9/12          | 9/21    |

**NTSB Request List for September 11, 2001,  
AAL11**

**AAL11, B767, BOS to LAX**

**Miscellaneous (Continued)**

| Facility | Item                                            | Position |  | Rec'd AAT-200 | To NTSB |
|----------|-------------------------------------------------|----------|--|---------------|---------|
| HQ       | ZDC Form 7230-4                                 |          |  | 9/12          | 9/21    |
|          | EWR Form 7230-4                                 |          |  | 9/12          | 9/21    |
|          | N-90 Form 7230-4                                |          |  | 9/12          | 9/21    |
|          | PIT Form 7230-4                                 |          |  | 9/12          | 9/21    |
|          | IAD Form 7230-4                                 |          |  | 9/12          | 9/21    |
|          | DCA Form 7230-4                                 |          |  | 9/12          | 9/21    |
|          | ZBW Form 7230-4                                 |          |  | 9/12          | 9/21    |
|          | A90 Form 7230-4                                 |          |  | 9/12          | 9/21    |
|          | ZOB Form 7230-4                                 |          |  | 9/12          | 9/21    |
|          | ATSCC Logs Pos 14, 22, 25                       |          |  | 9/14          | 9/21    |
|          | Alert Bulletin 4 Flights                        |          |  |               | 9/21    |
|          | Briefing Item AAL11,<br>UAL175                  |          |  | 9/11          | 9/21    |
|          | AEA Ops Center Prelim<br>Aircraft Accident Rpt. |          |  | 9/11          | 9/21    |
|          | OAG Flight Details                              |          |  | 9/11          | 9/21    |
|          | Personnel Statements<br>BOS, ZBW, N-90          |          |  | 9/14-20       | 9/21    |
|          | ZBW/ZNY Tracks and<br>Timeline                  |          |  |               | 9/21    |
|          |                                                 |          |  |               |         |
|          |                                                 |          |  |               |         |
|          |                                                 |          |  |               |         |
|          |                                                 |          |  |               |         |
|          |                                                 |          |  |               |         |
|          |                                                 |          |  |               |         |
|          |                                                 |          |  |               |         |
|          |                                                 |          |  |               |         |

**NTSB Request List for September 11, 2001,  
UAL175**

**UAL175, B767, BOS to LAX**

**Radar Data**

| Facility | Time Period | File Name                     | Type Extraction | Rec'd AAT-200 | To NTSB   |
|----------|-------------|-------------------------------|-----------------|---------------|-----------|
| ZBW      | Varied      | Varied                        | SAR/SATORI      | 9/11          | 9/21      |
| ZNY      | Varied      | Varied                        | SAR/SATORI      | 9/11          | 9/21      |
| N90      |             | total_data.txt                | CDR             | 9/15          | 9/21 & 27 |
| N90      |             | ual175p.txt                   | CDR             | 9/11          | 9/21 & 27 |
| BOS      |             | N612UA<br>UA0175 09-11-01.txt | CDR             | 9/16          | 9/27      |
| BOS      |             | UA75.txt                      | CDR             | 9/11          | 9/27      |
| BOS      |             | Ua7a.txt                      | CDR             | 9/15          | 9/27      |
| BOS      |             | ual175.txt                    | CDR             | 9/21          | 9/27      |
| BOS      |             | ual175a.txt                   | CDR             | 9/21          | 9/27      |
| BOS      |             | ual175d.dat                   | CDR             | 9/21          | 9/27      |
| BOS      |             | ual175p.txt                   | CDR             | 9/12          | 9/27      |
| BOS      |             | Ual7.txt                      | CDR             | 9/11          | 9/27      |
| BOS      |             | UAL75.txt                     | CDR             | 9/11          | 9/27      |
| BOS      |             | ul75                          | CDR             | 9/15          | 9/27      |
|          |             |                               |                 |               |           |
|          |             |                               |                 |               |           |
|          |             |                               |                 |               |           |
|          |             |                               |                 |               |           |

**Voice Communication**

| Facility | Time Period     | Position          | Type Voice | Transcript  | Rec'd AAT-200 | To NTSB |
|----------|-----------------|-------------------|------------|-------------|---------------|---------|
| BOS      | 1152:40-1202    | CD                | Tape       | Full        | 9/21          | 9/21    |
| BOS      | 1152:51-1212:30 | GC1               | Tape       | Full        | 9/21          | 9/21    |
| BOS      | 1202-1214:44    | LCW               | Tape       | Full        | 9/21          | 9/21    |
| BOS      | 1202:11-1220:33 | LCE               | Tape       | Full        | 9/21          | 9/21    |
| BOS      | 1209:11-1228:58 | Initial Dept      | Tape       | Full        | 9/17          | 9/21    |
| BOS      | 1211:49-1224:53 | Lincoln Dept      | Tape       | Full        | 9/17          | 9/21    |
| ZBW      | 1219:24-1230:56 | Sector 47R        | Tape       | Partial (D) | 9/13          | 9/21    |
| ZBW      | 1222:33-1227:28 | Sector 46R        | Tape       | Partial (D) | 9/13          | 9/21    |
| ZBW      | 1231:04-1239:44 | Sector 20R        | Tape       | Partial (D) | 9/13          | 9/21    |
| ZNY      | 1237:20-1307:58 | Sector 42R        | Tape       | Full (D)    | 9/19          | 9/21    |
| N90      | 1257:44-1301:08 | Liberty So. Dept. |            | Partial     | 9/18          | 9/21    |
| ZOB      | 1403:40-1426:34 | Huntress Military |            | Draft       | 9/18          | 9/21    |
| ZNY      | 1255-1308       | RA42              | Tape       |             | 9/28          | 9/26    |
| ZNY      | 1249-1316       | RA55              | Tape       |             | 9/28          | 9/26    |
| ZNY      | 1249-1316       | R55               | Tape       |             | 9/28          | 9/26    |
| ZNY      | 1230-1331       | OMIC 5959         | Tape       |             | 9/18          | 9/26    |
| ZNY      | 1331-1340       | OMIC 5959         | Tape       |             | 9/28          | 9/26    |
| ZNY      | 1245-1314       | TMU/DC 1087       | Tape       |             | 9/28          | 9/26    |
| ZNY      | 1305-1334       | TMU-DSP           | Tape       |             | 9/28          | 9/26    |
| ZNY      | 1230-1330       | TMU-STM           | Tape       |             | 9/18          | 9/26    |
| ZNY      | 1255-1315       | TMU-STMCIC        | Tape       |             | 9/28          | 9/26    |
| ZNY      | 1224-1324       | TMU-AD            | Tape       |             | 9/28          | 9/26    |
| ZNY      | 1230-1331       | TMC/STMC          | Tape       |             | 9/28          | 9/26    |



**NTSB Request List for September 11, 2001,  
UAL175**

**UAL175, B767, BOS to LAX**

**Miscellaneous**

| <b>Facility</b> | <b>Item</b>                                     |  | <b>Rec'd AAT-200</b> | <b>To NTSB</b> |
|-----------------|-------------------------------------------------|--|----------------------|----------------|
| HQ              | General File Folder                             |  |                      | 9/21           |
|                 | AGL-500 Bfing. Sheet                            |  | 9/16                 | 9/21           |
|                 | Timeline                                        |  |                      | 9/21           |
|                 | Flight Strips (BOS)                             |  | 9/15                 | 9/21           |
|                 | Chronology of Events                            |  | 9/12                 | 9/21           |
|                 | ZDC Form 7230-4                                 |  | 9/12                 | 9/21           |
|                 | EWR Form 7230-4                                 |  | 9/12                 | 9/21           |
|                 | N-90 Form 7230-4                                |  | 9/12                 | 9/21           |
|                 | PIT Form 7230-4                                 |  | 9/12                 | 9/21           |
|                 | IAD Form 7230-4                                 |  | 9/12                 | 9/21           |
|                 | DCA Form 7230-4                                 |  | 9/12                 | 9/21           |
|                 | ZBW Form 7230-4                                 |  | 9/12                 | 9/21           |
|                 | A90 Form 7230-4                                 |  | 9/12                 | 9/21           |
|                 | ZOB Form 7230-4                                 |  | 9/12                 | 9/21           |
|                 | ZNY Form 7230-4                                 |  | 9/12                 | 9/21           |
|                 | ZID Form 7230-4                                 |  | 9/12                 | 9/21           |
|                 | AEA-6 Form 7230-4                               |  | 9/14                 | 9/21           |
|                 | AGL-6 Form 7230-4                               |  | 9/14                 | 9/21           |
|                 | BOS Form 7230-4                                 |  | 9/14                 | 9/21           |
|                 | ADA-30 Ops Center Activity Rpt.                 |  | 9/14                 | 9/21           |
|                 | Facilities Daily Logs (Summ)                    |  |                      | 9/21           |
|                 | Briefing Item AAL11, UAL175                     |  | 9/11                 | 9/21           |
|                 | OAG Flight Details                              |  | 9/11                 | 9/21           |
|                 | AEA Ops Center Prelim Aircraft<br>Accident Rpt. |  | 9/11                 | 9/21           |
|                 | Chronology of Events                            |  |                      | 9/21           |
|                 | Personnel Statements BOS, ZBW,<br>N-90          |  | 9/14-20              | 9/21           |
|                 | ZBW/ZNY Tracks and Timeline                     |  |                      | 9/21           |
|                 |                                                 |  |                      |                |

**NTSB Request List for September 11, 2001,  
UAL93**

**UAL93, B757, EWR to SFO**

**Radar Data**

| Facility | Time Period | File Name     | Type Extraction | To NTSB |
|----------|-------------|---------------|-----------------|---------|
| N90      |             | cdr_out.txt   | CDR             | 9/21    |
| ZNY      | Varied      | Varied        | SAR/SATORI      | 9/21    |
| ZOB      | Varied      | Varied        | SAR/SATORI      | 9/21    |
| PIT      |             | PIT UAL93.txt | CDR             | 9/21    |
| ZOB      |             | ual93         | NTAP            | 9/18    |
| ZOB      |             | ual93a        | NTAP            | 9/18    |
| ZOB      |             | ual93b        | NTAP            | 9/18    |
| ZOB      |             | ual93c        | NTAP            | 9/18    |
| ZOB      |             | ual93x        | NTAP            | 9/18    |
| ZDC      |             | ual93-zdc4    | NTAP            | 9/18    |
| ZDC      |             | ual93-zdc5    | NTAP            | 9/18    |
| ZDC      |             | ual93-zdc6    | NTAP            | 9/18    |
| ZDC      |             | ual93-zdc7    | NTAP            | 9/18    |
| ZDC      |             | ual93-zdc8    | NTAP            | 9/18    |
| ZOB      |             | ual93-file 1  | NTAP            | 9/26    |
| ZOB      |             | ual93-file 10 | NTAP            | 9/26    |
| ZOB      |             | ual93-file 2  | NTAP            | 9/26    |
| ZOB      |             | ual93-file 3  | NTAP            | 9/26    |
| ZOB      |             | ual93-file 4  | NTAP            | 9/26    |
| ZOB      |             | ual93-file 5  | NTAP            | 9/26    |
| ZOB      |             | ual93-file 6  | NTAP            | 9/26    |
| ZOB      |             | ual93-file 7  | NTAP            | 9/27    |
| ZOB      |             | ual93-file 8  | NTAP            | 9/26    |
| ZOB      |             | ual93-file 9  | NTAP            | 9/26    |

**Voice Communication**

| Facility | Time Period     | Position                    | Type Voice | Transcript      | Rec'd AAT-200 | To NTSB |
|----------|-----------------|-----------------------------|------------|-----------------|---------------|---------|
| EWR      | 1145-1210       | GC2                         | Tape       | Partial         | 9/13          | 9/21    |
| EWR      | 1204-1226       | GC                          | Tape       | Partial         | 9/13 & 26     | 9/27    |
| EWR      | 1235-1247       | LC                          | Tape       | Partial         | 9/13 & 26     | 9/27    |
| N90      | 1238-1256       | Newark Dept<br>Liberty West | Tape       | Full<br>Partial | 9/20          | 9/21    |
| ZNY      | 1245-1258       | R39                         | Tape       |                 | 9/27          | 9/27    |
| ZNY      | 1250-1328       | R73                         | Tape       |                 | 9/27          | 9/27    |
| ZNY      | 1308-1328       | RA73                        | Tape       |                 | 9/27          | 9/27    |
| ZOB      | 1301-1331       | Franklin-R                  | Tape       | Partial         | 9/20          | 9/21    |
| ZOB      | 1318-1331       | Franklin-R                  |            | Partial         |               | 9/26    |
| ZOB      | 1314-1348       | Lorain-R                    | Tape       | Partial         | 9/20          | 9/21    |
| ZOB      | 1333-1344       | Lorain-R                    | Tape       |                 | 9/20          | 9/21    |
| ZOB      | 1344-1400       | Lorain-R                    | Tape       |                 | 9/20          | 9/21    |
| ZOB      | 1344-1418       | Imperial-R                  | Tape       | Partial         | 9/20          | 9/21    |
| ZOB      | 1355-1416       | Imperial-D                  | Tape       | Partial         | 9/20          | 9/21    |
| ZOB      | 1358-1410       | Indianhead-R                | Tape       | Partial         | 9/20          | 9/21    |
| ZOB      | 1409-1421       | Indianhead-R                | Tape       |                 | 9/20          | 9/21    |
| ZOB      | 1338-1401       | Allegheny-R                 | Tape       | Partial         | 9/20          | 9/21    |
| ZOB      | 1359:44-1401    | Allegheny-D                 | Tape       | Partial         | 9/20          | 9/21    |
| ZOB      | 1348-1409       | Westmoreland-R              | Tape       | Partial         | 9/20          | 9/21    |
| ZOB      | 1401-1440       | Military Ops                | Tape       | Partial         | 9/20          | 9/21    |
| PIT      | 1339-1351       | Arrival North               | Tape       | Partial         | 9/20          | 9/21    |
| ZOB      | 1403:40-1426:34 | Huntress Military           |            | Partial (D)     | 9/20          | 9/21    |
| BW1      | 1356-1407       | Balt. Lo.                   | Tape       |                 | 9/28          | 9/26    |

**NTSB Request List for September 11, 2001,  
UAL93**

**UAL93, B757, EWR to SFO**

**Miscellaneous**

| <b>Facility</b> | <b>Item</b>                                     | <b>Position</b> | <b>Rec'd AAT-200</b> | <b>To NTSB</b> |
|-----------------|-------------------------------------------------|-----------------|----------------------|----------------|
| HQ              | General File Folder                             |                 |                      | 9/21           |
|                 | ACARS Data                                      |                 |                      | 9/21           |
|                 | AGL-500 Bfng. Sheet                             |                 | 9/16                 | 9/21           |
|                 | Chronologies of Events                          |                 | 9/12                 | 9/21           |
|                 | Timeline(s)                                     |                 |                      | 9/21           |
|                 | PIT Synopsis                                    |                 | 9/14                 | 9/21           |
|                 | Flight Strip (ZOB)                              |                 | 9/16                 | 9/21           |
|                 | Flight Strip (EWR)                              |                 | 9/13                 | 9/21           |
|                 | ADA-30 Ops Center<br>Activity Rpt.              |                 | 9/14                 | 9/21           |
|                 | AEA-6 Form 7230-4                               |                 | 9/14                 | 9/21           |
|                 | AGL-6 Form 7230-4                               |                 | 9/14                 | 9/21           |
|                 | ANE ROC Log                                     |                 | 9/14                 | 9/21           |
|                 | OAG Flight Details                              |                 | 9/11                 | 9/21           |
|                 | ZOB Aircraft Accident<br>Prelim Notic.          |                 | 9/12                 | 9/21           |
|                 | ZOB Sector Staffing                             |                 | 9/12                 | 9/21           |
|                 | ZOB Chain of Custody Ltr.                       |                 | 9/12                 | 9/21           |
|                 | ZOB SATORI List                                 |                 |                      | 9/21           |
|                 | AEA Ops Center Prelim<br>Aircraft Accident Rpt. |                 | 9/11                 | 9/21           |
|                 | Req. List from Fac.                             |                 |                      | 9/21           |
|                 | ZOB Misc. Questions                             |                 |                      | 9/21           |
|                 |                                                 |                 |                      |                |
|                 |                                                 |                 |                      |                |
|                 |                                                 |                 |                      |                |

**NTSB Request List for September 11, 2001,  
AAL77**

**AAL77, B757, IAD to LAX**

**Radar Data**

| Facility | Time Period | File Name       | Type Extraction | Rec'd AAT-200 | To NTSB   |
|----------|-------------|-----------------|-----------------|---------------|-----------|
| IAD      |             | IADAAL.txt      | CDR             | 9/11          | 9/21 & 27 |
| ZDC      | Varied      | Varied          | SAR/SATORI      | 9/11          | 9/21      |
| ZID      | Varied      | Varied          | SAR/SATORI      | 9/11          | 9/21      |
| ZID      |             | aal77a          | NTAP            | 9/17          | 9/18      |
| ZID      |             | aal77a1         | NTAP            | 9/17          | 9/18      |
| ZID      |             | aal77a2         | NTAP            | 9/17          | 9/18      |
| ZID      |             | aal77a3         | NTAP            | 9/17          | 9/18      |
| ZID      |             | aal77b          | NTAP            | 9/17          | 9/18      |
| ZID      |             | aal77c          | NTAP            | 9/17          | 9/18      |
| IAD      |             | cdr911.txt      | CDR             | 9/11          | 9/21      |
| DCA      |             | DCA 9.11(2).txt | CDR             | 9/11          | 9/21 & 27 |
| DCA      |             | DCA 9-11.txt    | CDR             | 9/11          | 9/21      |
|          |             |                 |                 |               |           |
|          |             |                 |                 |               |           |
|          |             |                 |                 |               |           |
|          |             |                 |                 |               |           |
|          |             |                 |                 |               |           |
|          |             |                 |                 |               |           |
|          |             |                 |                 |               |           |

**Voice Communication**

| Facility | Time Period | Position           | Type Voice | Transcript  | Rec'd AAT-200 | To NTSB |
|----------|-------------|--------------------|------------|-------------|---------------|---------|
| IAD      | 1207-1218   | GCW                | Tape       | Full        | 9/20          | 9/21    |
| IAD      | 1211-1226   | LCW                | Tape       | Partial     | 9/13          | 9/21    |
| IAD      | 1209-1211   | ATIS               | Tape       | None        | 9/20          | 9/21    |
| IAD      | 1215-1230   | North Departure    | Tape       | Partial     | 9/13          | 9/21    |
| IAD      | 1215-1230   | North High         | Tape       | Partial     | 9/13          | 9/21    |
| ZDC      | 1220-1236   | D05                | Tape       | None        | 9/20          | 9/21    |
| ZDC      | 1220-1236   | R05                | Tape       | Partial     | 9/20 (D)      | 9/21    |
| ZDC      | 1226-1246   | R03                | Tape       | Partial     | 9/20 (D)      | 9/21    |
| ZID      | 1234-1320   | Henderson Radar    | Tape       | Partial (D) | 9/15          | 9/26    |
| ZID      | 1234-1320   | Henderson RA       | Tape       | Partial (D) | 9/15          | 9/26    |
| IAD      | 1327-1346   | Final West         | Tape       | None        | 9/20          | 9/21    |
| IAD      | 1328-1347   | North Departure    | Tape       | None        | 9/20          | 9/21    |
| IAD      | 1328-1340   | Area Supervisor    | Tape       | None        | 9/20          | 9/21    |
| IAD      | 1329-1348   | AD/DD              | Tape       | None        | 9/20          | 9/21    |
| DCA      | 1329-1348   | RS, TS, DEP, FI    | Tape       |             | 9/28          | 9/26    |
| DCA      | 1332-1348   | LC                 | Tape       | Partial     | 9/28          | 9/26    |
| DCA      | 1325-1348   | F2, TYSON, KRANT   | Tape       | Partial     | 9/28          | 9/26    |
| DCA      | 1332-1344   | FI                 | Tape       | Partial     | 9/28          | 9/26    |
| DCA      | 1334-1348   | Tower Supervisor   |            | Partial     |               | 9/26    |
| DCA      | 1334-1345   | Departure Overhead |            | Partial     |               | 9/26    |
| DCA      | 1329-1344   | TRACON Supervisor  |            | Partial     |               | 9/26    |

**NTSB Request List for September 11, 2001,  
AAL77**

**AAL77, B757, IAD to LAX**

**Miscellaneous**

| <b>Facility</b> | <b>Item</b>                                     | <b>Position</b> | <b>Rec'd AAT-200</b> | <b>To NTSB</b> |
|-----------------|-------------------------------------------------|-----------------|----------------------|----------------|
| HQ              | General File Folder                             |                 |                      | 9/21           |
|                 | AGL-500 Bfng. Sheet                             |                 | 9/16                 | 9/21           |
|                 | Chronologies of Events                          |                 | 9/12                 | 9/21           |
|                 | Timeline(s)                                     |                 | 9/16                 | 9/21           |
|                 | Tour of DCA                                     |                 | 9/14                 | 9/21           |
|                 | Flight Strip (ZID)                              |                 | 9/17                 | 9/21           |
|                 | ADA-30 Ops Center<br>Activity Rpt.              |                 | 9/14                 | 9/21           |
|                 | ZDC Form 7230-4                                 |                 | 9/12                 | 9/21           |
|                 | EWR Form 7230-4                                 |                 | 9/12                 | 9/21           |
|                 | N-90 Form 7230-4                                |                 | 9/12                 | 9/21           |
|                 | PIT Form 7230-4                                 |                 | 9/12                 | 9/21           |
|                 | IAD Form 7230-4                                 |                 | 9/12                 | 9/21           |
|                 | DCA Form 7230-4                                 |                 | 9/12                 | 9/21           |
|                 | ZBW Form 7230-4                                 |                 | 9/12                 | 9/21           |
|                 | A90 Form 7230-4                                 |                 | 9/12                 | 9/21           |
|                 | ZOB Form 7230-4                                 |                 | 9/12                 | 9/21           |
|                 | ZNY Form 7230-4                                 |                 | 9/12                 | 9/21           |
|                 | ZID Form 7230-4                                 |                 | 9/12                 | 9/21           |
|                 | AEA-6 Form 7230-4                               |                 | 9/14                 | 9/21           |
|                 | AGL-6 Form 7230-4                               |                 | 9/14                 | 9/21           |
|                 | BOS Form 7230-4                                 |                 | 9/14                 | 9/21           |
|                 | OAG Flight Details                              |                 | 9/11                 | 9/21           |
|                 | AEA Ops Center Prelim<br>Aircraft Accident Rpt. |                 | 9/11                 | 9/21           |
|                 | Alert Bulletin                                  |                 |                      | 9/21           |
|                 | ANE ROC Log                                     |                 | 9/14                 | 9/21           |
|                 | Timeline DCA (TYSON)                            |                 | 9/16                 | 9/26           |
|                 | Flight Strip (IAD)                              |                 | 9/25                 | 9/26           |

Date: 10/16/01 2:12 PM  
Sender: Bob Locke  
To: Clifford R Baird  
Priority: Normal  
Subject: Fwd[2]:AIR TRAFFIC ACCIDENT PACKAGES: SEPTEMBER 11, 2001

---

Forward Header

Subject: Fwd:AIR TRAFFIC ACCIDENT PACKAGES: SEPTEMBER 11, 2001  
Author: Douglas Gould  
Date: 10/16/01 1:33 PM

FYI:

Forward Header

Subject: AIR TRAFFIC ACCIDENT PACKAGES: SEPTEMBER 11, 2001  
Author: Jeffery Myers  
Date: 10/16/2001 12:37 PM

Ron Ruggeri;

Although some of the questions were addressed on the Quality Assurance telephone conference earlier today, we believe some of your questions still may need to be addressed on a one-on-one basis. In general, ALL Air Traffic facilities will retain, prepare, and distribute the Air Traffic Accident Files (and Packages) as in accordance with FAA Order 8020.11B. Specific questions can be forwarded to our office as necessary, however, if we stay with the order everything will work out.

Regarding your questions:

1. If FAA Order 802.11B is followed, the Air Traffic Aircraft Accident Files (and Packages) will be consistent. Yes, Personnel Statements will be collected from every person that should provide a Personnel Statement.
2. The names will be included as they have been with every other major air carrier accident. If you receive resistance, then contact your local or appropriate FSDO; if "push back" is persistent, call our office (i.e., Douglas Gould) and we will contact AAI-100.
3. Personnel Statements as outlined in FAA Order 8020.11B will be collected and provided as necessary. As the Washington ARTCC is the data collection facility, thus, it will be up to the Washington ARTCC (with AEA-505's assistance) to determine what should be provided by the Indianapolis ARTCC.

NOTE - If someone should ask our office, we would in all likelihood state that a Normal Service Statement from the Indianapolis ARTCC is not appropriate and pertinent documents should be provided to the Washington ARTCC for inclusion into the Air Traffic Aircraft Accident Package. Also, in general and if asked, our office would probably state that under the circumstances, Normal Service Statements are not appropriate from any Air Traffic facility.

4. Good question. We believe a hold has been placed on all original voice recordings, if so, then splicing the tape is not appropriate.

If you have any questions regarding FAA Order 8020.11B, please call me. Specific questions regarding the four air carriers should be directed to Mr. Gould.

Jeffery A. Myers  
(202) 267-8025

Reply Separator

Subject: Fwd[2]:Accident packages  
Author: Ron Ruggeri  
Date: 10/16/2001 9:08 AM

Some input pls.

Forward Header

Subject: Fwd:Accident packages  
Author: Maria A Siewert  
Date: 10/16/2001 8:54 AM

Morning Ron....ZDC has some ?s concerning the Sept. 11 Accident Packages being prepared by ZDC-ZNY-ZBW-ZOB. I suggested that he send them in a cmail msg so we could forward them to HQS for their guidance....Here they are,

Forward Header

Subject: Accident packages  
Author: Glen R Trautner  
Date: 10/15/2001 10:37 AM

Per our conversation on 10/12/01, concerning the continuity of the accident packages surrounding the events of 09/11/01, I present the following questions:

1. Are all of the packages going to be consistent, I.E. It was brought to my attention that ZBW's package will not contain personnel statements due to some NATCA concern. This would affect the Certified Index. Please call the New England region and see if this is true and if so, does that affect everyone?
2. Is every facility going to track down the names and addresses of the fatalities, injuries, and property damage. This number could be large and require a period of time to gather. I know we received word last week from HQ through AEA-505, that said the 8020-6 should contain this info, but will we have access to it?
3. Will INDY provide normal service statements? Personally, I don't see how that could be possible. If not, what info will they be required to send. Has this been addressed yet?
4. Will the facilities be authorized to splice the original voice tapes as per the order? If not, some direction should come out, in writing so we can keep in the file.

These are some of the questions that come up, if I think of anything else, I'll let you know.

Glen

### CHAIN OF CUSTODY

This form serves as chain of custody for the following facility's specified data/information

FACILITY: Boston ARTCC

DATA/INFORMATION: Transcript - Sec 46R - 9/11/01 - 1204-1240 UTC

Voice Recordings - 9/11/01, Sec 46, Chan 27 - 1220-1226 UTC ;

9/11/01, Sec 32, Chan 07 - 1223:50-1226:00 ; 9/11/01, Sec 46, Chan 27, -1230:30-1234:30

PURPOSE/REMARKS: FBI Investigation

From: Robert Jones, ZBW-505.3 Title: Support Specialist, QA

Signature: [Signature] Date: 10/18/01

To: Kenneth Marr Title: Electronics Engineer, FBI

Signature: [Signature] Date: 10/18/01

Witness: Karen Goff Title: QA Technician

Signature: [Signature] Date: 10/18/01

From: \_\_\_\_\_ Title: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

To: \_\_\_\_\_ Title: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Witness: \_\_\_\_\_ Title: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_



**Date:** 10/18/01 11:17 AM  
**Sender:** Robert K Jones  
**To:** Tom Benson  
**cc:** Clifford R Baird  
**Priority:** Normal  
Receipt requested  
**Subject:** Information Release to FBI

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Mr. Benson:

For your information:

Boston Center provided the following information to FBI Electronics Engineer Kenneth Marr on October 18, 2001:

- Sector 46R Transcript - 9/11/01 - 1220-1240 UTC
- The following DAT Voice Recordings:
  - Sector 46, Chan 27 - 1220-1226 UTC
  - Sector 32, Chan 07 - 1223:50-1226 UTC
  - Sector 46, Chan 07 - 1230:30-1234:30 UTC

Please contact me if you have any questions.

Regards,

Bob Jones, ZBW-505.3  
(603) 879-6376



**FEDERAL BUREAU OF  
INVESTIGATION**

---

**Kenneth Marr**  
Electronics Engineer  
Audio/Video Media Analysis Unit

Building 27958A  
Quantico, VA 22135

Telephone: (703) 632-6238  
Fax: (703) 632-6202

ZBW-ARTCC-148  
AAL11

**Date:** 11/20/01 1:07 PM  
**Sender:** Judge R Coles  
**To:** Clifford R Baird  
**Priority:** Normal  
**Subject:** Fwd[2]:September 11, 2001 Data

---

Forward Header

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**Subject:** Fwd:September 11, 2001 Data  
**Author:** Ellen King  
**Date:** 11/16/2001 1:55 PM

Hello, All,  
Please see the message below.  
Ellen

Forward Header

---

**Subject:** September 11, 2001 Data  
**Author:** Douglas Gould  
**Date:** 11/16/01 8:26 AM

Good Morning All,

Please forward to all Air Traffic Managers and Staff:

Please ensure all data being retained from 9/11/01 is secured and all access is restricted and documented. There is to be absolutely no release of this data to ANYONE or AGENCY (this includes FBI, FSDO, NTSB, FAA Security) without direct approval from AAT-20. Additionally, this data is not to be reviewed, copied or handled by anyone without direct supervision (2nd level management or higher). We expect all ATM's to have documented all individuals whom had access to and have received copies of any/all data (including reviewing SATORI/Playback tools).

At the present time, several keys pieces of information have been leaked to the press, and the FBI has requested that we tighten up the security of this data, in order to prevent future leaks and hinder this very critical and sensitive investigation.

I also request that either the Division or the individual ATM's, distribute a mandatory briefing item, requesting all personnel to limit conversations of known or speculated information regarding these events, until after the FBI completes its investigations and the danger toward its investigators has been eliminated.

If you have any questions, or receive a request for any data please don't hesitate to contact me.

Doug Gould  
WP 202-267-7010  
PGR 888-761-9924

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ZBW-ARTCC-148  
AAL11

| AAL11 | UAL175 | Employee Name      | Interview Status | Operating Initials | Title   | Operational Position | Time on Position (UTC) |
|-------|--------|--------------------|------------------|--------------------|---------|----------------------|------------------------|
| X     | X      | Biggio, Terry      | Complete         | OE                 | OM      | OMIC                 | 1030-1358              |
| X     | X      | Bueno, Daniel      | Complete         | BD                 | STMCIC  | STMCIC               | 0930-1800              |
| X     | X      | Zalewski, Peter    | Complete         | ZP                 | CPC     | Sector 46 R          | 1147-1229*             |
| X     |        | Poncet, Glen       | Complete         | PN                 | CPC     | Sector 09 RA         | 1216-1322              |
| X     |        | McGlaufflin, David | Complete         | CC                 | CPC     | Sector 09 R          | 1218-1324              |
| X     |        | Kula, Shirley      | Complete         | SO                 | OS      | Sector 38 RA         | 1136-1251              |
| X     |        | Martins, Brazilino | Complete         | NO                 | CPC     | Sector 38 RA         | 1158-1249              |
| X     | X      | Miller, Alan       | Complete         | TV                 | CPC     | Sector 46 RA         | 1227-1229* (1248)      |
| X     |        | Beringer, Richard  | Complete         | RB                 | CPC     | Sector 47 RA         | 1136-1228* (1210)      |
| X     | X      | Oniel, Mark        | Complete         | MO                 | CPC     | Sector 47 RA         | (1210) 1228*-1237      |
| X     |        | Roebuck, Stephen   | Complete         | SR                 | CPC     | Sector 47R           | 1135-1207              |
| X     | X      | Taccini, Gregory   | Complete         | TF                 | CPC     | Sector 47 R          | 1207-1255              |
| X?    | X      | Brown, Frank       | Complete         | FB                 | CPC     | Sector 20R           | 1151-1233              |
| X     | X      | Dean, William      | Complete         | WD                 | TMC     | Sector 20 RA         | 1208-1313              |
| X     | X      | Hartling, John     | Complete         | HT                 | CPC     | Sector 20 R          | 1233-1303              |
| X     | X      | Schippani, John    | Complete         | SH                 | OS      | Area C OSIC          | 1216-1359              |
| X     |        | White, Henry       | Complete         | WE                 | CPC     | Sector 22R           | 1209-1317              |
| X     |        | Roberts, Thomas    | Complete         | RT                 | CPC     | Sector 39R           | 1147-1233              |
| X     |        | Smith, Myron       | Complete         | RS                 | OS      | Sector 39RA          | 1142-1305              |
| X     |        | Smith, William     | Complete         | PU                 | CPC     | Sector 36R           | 1144-1225              |
| X     |        | Johnson, Scott     | Complete         | JO                 | CPC     | Sector 36RA          | 1219-1302              |
| X     |        | Schmalz, Steven    | Complete         | ST                 | CPC     | Sector 21R           | 1204-1244              |
| X     |        | Royer, Michael     | Complete         | RY                 | CPC     | Sector 10R           | 1236-1331              |
| X     |        | Larson, Donald     | Complete         | LN                 | CPC     | Sector 10R           | 1131-1236              |
| X     |        | Moran, Maria       | Complete         | ET                 | CPC     | Sector 10RA          | 1205-1317              |
| X     |        | Waggoner, Karen    | Complete         | KT                 | CPC     | Sector 05R           | 1222-1257              |
| X     |        | Cooper, Joseph     | Complete         | OP                 | TMC     | TMU DSP2             | 1204-1315              |
| X     |        | Wishart, Dennis    | N/A              | DW                 | TMC     | General Duties       |                        |
|       |        | de Lacy, Ed        | N/A              | MJ                 | OM      | OMIC                 | 1359-1814              |
| X     |        | Miller, Toby       | N/A              | TO                 | TMC     | General Duties       |                        |
| X     |        | Dillon, Mike       | N/A              | ZX                 | TMC     | General Duties       |                        |
| X     |        | Pasquale, Peter    | N/A              | PQ                 | OS      | Area B OSIC          | 0943-1317              |
| X     |        | McEwen, Ronald     | N/A              | QU                 | OS      | Area E OSIC          | 1000-1819              |
| X     |        | Mills, Steven      | N/A              | RV                 | TMC     | TMU DSP1             | 1145-1630              |
| X     |        | Jones, Robert      | N/A              | RF                 | QAS     | General Duties       |                        |
| X     |        | Scoggins, Colin    | Complete         | CS                 | APS/MOS | General Duties       |                        |

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**Function Provided During Event**

Coordinated overall event, provided notifications. Coordinated with FAA ATCSCC and military for restrictions and scramble.  
Coordinated overall event, provided notifications. Coordinated with FAA ATCSCC and military for restrictions and scramble.  
Radar controller working AAL11 when hijack conversations were heard/Transferred UAL 175 to ZBW Sector 47  
Observed point-out of AAL11 pass through airspace  
Observed point-out of AAL11 pass through airspace  
Observed point-out of AAL11 pass through airspace  
Observed point-out of AAL11 pass through airspace  
Radar Associate controller when hijack conversations were heard  
Radar Associate controller during transit of AAL11.  
Received aircraft from Sector 46 to sterilize frequency so AAL11 communications could be heard more clearly from Sector 46. Radar Associate controller during transit of UAL175.  
Radar controller during transit of AAL11/UAL175  
Received aircraft from Sector 46 to sterilize frequency so AAL11 communications could be heard more clearly from Sector 46. Radar controller during transit of UAL175.  
  
Associate controller when AAL11 transits airspace as primary target.  
Radar controller when AAL11 transits airspace as primary target, requests aircraft to confirm sighting and altitude of AAL11.  
Supervising Area C operations when AAL11 identified as a hijack. Notified OMIC of hijack, advised QAS of time of communications to aid in timely voice tape review.

Notified military of hijack in progress and request scramble. Coordinated with surrounding ATC facilities for ground-stop.  
Coordinated with surrounding ATC facilities for ground-stop.  
Provided relief to OMIC Biggio, coordinated resumption of NAS.  
Coordinated with surrounding ATC facilities for ground-stop.  
Coordinated with surrounding ATC facilities for ground-stop.  
Supervising Area B CPCs when AAL11 identified as a hijack.  
Supervising Area E CPCs when AAL11 identified as a hijack.  
Coordinated with surrounding ATC facilities for ground-stop.  
Reviewed voice recordings while hijacking in progress to determine conversation of hijacker, and reported hijacker statement of more than one aircraft to OMIC.  
Coordinated with military regarding intercept operations for AAL11.

ZBW-ARTCC-148  
AAL11

Subject: **INFORMATION**: ZNY-ARTCC-148 Accident File

Date: January 31, 2002

From: Support Specialist, Quality Assurance, ZBW-505.3

Reply to  
Attn. of:

To: ZNY-ARTCC-148 Accident File

The originals of ZBW Forms 7230-1, Personnel Logs; FAA Form 7230-4; FAA Form 7230-10 and Automated Equivalent for September 11, 2001, that are required in support of ZNY-ARTCC-148 Accident Package, are contained within ZBW-ARTCC-148 Accident Package.

Robert K. Jones

File:  
WP: ZNY-ARTCC-148 Memo to File.doc  
ZBW-505.3:R.Jones:RKJ:6376:01/31/2002

READING FILE COPY

35

151

ZBW-ARTCC-148  
AAL11

**Date:** 2/11/02 10:08 AM  
**Sender:** Bob Locke  
**To:** Clifford R Baird; Terry Biggio  
**cc:** Deborah L James; Bertrand R Ouellette  
**Priority:** Normal  
**Subject:** Request Electronic Copy of Transcripts AAL11

---

Rusty,

Could you please send an electronic copy of the transcripts from the AAL11 package to headquarters? Send to Doug Gould, cc:Deborah L. James.

Thanks,  
Bob

**Date:** 2/12/2002 10:25 AM

**Sender:** Karen L Goff

**To:** Douglas Gould

**cc:** Deborah L James

Terry Biggio

Clifford R Baird

**Priority:** Urgent

Receipt requested

**Subject:** AAL11 Transcript Request - Part 1

---

Author: Karen L Goff at ANEZBW

Date: 2/12/2002 10:25:46 AM

Priority: Urgent

Receipt Requested

To: Douglas Gould at AWAATS3A

cc: Deborah L James at ANE500

cc: Terry Biggio

cc: Clifford R Baird

Subject: AAL11 Transcript Request - Part 1

---

Doug -

Per your request attached are the AAL11 Transcript Files. There will be a Part 1 and a Part 2 message because cc:Mail would only let me attach up to 19 files on one message. These are the first 15. The last 6 are attached to the Part 2 message. If you have any questions please feel free to contact me at (603) 879-6807.

Karen Goff

Quality Assurance Technician

Boston ARTCC



sec47R.doc



sec46R.doc



sec38R.doc



sec38RA.doc



sec47RA.doc



sec39R.doc



sec36R.doc



sec10RA.doc



sec09R.doc



sec22R.doc



sec39RA.doc



tmu final.doc



sec20RA.doc



sec24R.doc



sec10R.doc

**Date:** 2/12/2002 10:25 AM

**Sender:** Karen L Goff

**To:** Douglas Gould

**cc:** Deborah L James

Terry Biggio

Clifford R Baird

**Priority:** Urgent

Receipt requested

**Subject:** AAL11 Transcript Request - Part 2

---

Author: Karen L Goff at ANEZBW

Date: 2/12/2002 10:25:55 AM

Priority: Urgent

Receipt Requested

To: Douglas Gould at AWAATS3A

cc: Deborah L James at ANE500

cc: Terry Biggio

cc: Clifford R Baird

Subject: AAL11 Transcript Request - Part 2

---

Here are the rest of the files.....

  
sec36RA.doc

  
sec21R.doc

  
sec05R.doc

  
sec09RA.doc

  
sec20R.doc

  
mos final.doc



---

Printed by KGoff - ZBW-505.2

---

**Date:** 2/12/2002 10:44 AM

**Sender:** Douglas Gould

**To:** Karen L Goff

**Priority:** Normal

**Subject:** Receipt of 2/12/2002 10:25 AM message

---

Author: Douglas Gould at awaats3a

Date: 2/12/2002 10:44:00 AM

Priority: Normal

To: Karen L Goff at ANEZBW

Subject: Receipt of 2/12/2002 10:25 AM message

---

Your message

To: Douglas Gould

Subject: AAL11 Transcript Request - Part 1

Sent: 2/12/2002 10:25:00 AM

was read on 2/12/2002 10:44:00 AM

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Printed by KGoff - ZBW-505.2

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**Date:** 2/12/2002 10:43 AM

**Sender:** Douglas Gould

**To:** Karen L Goff

**Priority:** Normal

**Subject:** Receipt of 2/12/2002 10:25 AM message

---

Author: Douglas Gould at awaats3a

Date: 2/12/2002 10:43:53 AM

Priority: Normal

To: Karen L Goff at ANEZBW

Subject: Receipt of 2/12/2002 10:25 AM message

---

Your message

To: Douglas Gould

Subject: AAL11 Transcript Request - Part 2

Sent: 2/12/2002 10:25:00 AM

was read on 2/12/2002 10:43:53 AM

ccmail

|    |               |      |             |
|----|---------------|------|-------------|
| 1  | sec 05r.doc ✓ | (18) | 2nd message |
| 2  | 09r ✓         | (9)  |             |
| 3  | 09ra ✓        | (19) | 2nd message |
| 4  | 10r ✓         | (15) |             |
| 5  | 10ra ✓        | (8)  |             |
| 6  | 20r ✓         | (20) | 2nd message |
| 7  | 20ra ✓        | (13) |             |
| 8  | 21r ✓         | (17) | 2nd message |
| 9  | 22r ✓         | (10) |             |
| 10 | 24r ✓         | (14) |             |
| 11 | 36r ✓         | (7)  |             |
| 12 | 36ra ✓        | (16) | 2nd message |
| 13 | 38r ✓         | (3)  |             |
| 14 | 38ra ✓        | (4)  |             |
| 15 | 39r ✓         | (6)  |             |
| 16 | 39ra ✓        | (11) |             |
| 17 | 46r ✓         | (2)  |             |
| 18 | 47r ✓         | (1)  |             |
| 19 | 47ra ✓        | (5)  |             |
| 20 | tmu svnc ✓    | (12) |             |
| 21 | mos ✓         | (21) | 2nd message |

ZBW-ARTCC-148  
AAL11

**Date:** 4/15/02 3:32 PM  
**Sender:** Glenn W Michael  
**To:** #QA  
**Priority:** Normal  
**Subject:** Fwd[2]:9-11 data

---

Forward Header

---

**Subject:** Fwd:9-11 data  
**Author:** Walter Knof  
**Date:** 4/15/2002 2:10 PM

Forward Header

---

**Subject:** 9-11 data  
**Author:** Douglas Gould  
**Date:** 4/15/2002 7:55 AM

Please continue to hold all data from 9-11-01. This data is still being reviewed by the FBI and other agencies. AAT-20 will be requesting portions from several facilities as needed.

Thank you

Douglas Gould  
Office of Air Traffic Investigations, AAT-200  
WP: (202) 267-7010  
PGR: (888) 761-9924  
Cell: (202) 366-8328

ZBW-ARTCC-148  
AAL11

**Date:** 4/30/02 1:53 PM  
**Sender:** Bob Locke  
**To:** Walter Knof; Clifford R Baird; Terry Biggio; Bertrand R Ouellette; Alecia E Cox; Bob Locke  
**Priority:** Normal  
**Subject:** Re:Fwd:AIR TRAFFIC AIRCRAFT ACCIDENT PACKAGES OF SEPTEMBER 1  
Rusty,

AAL11 package is released. Please read the email below for restrictions. Specifically:

No copies of the accident package are to be made without the expressed consent of AAT-200.

Place a cover sheet on each package restricting distribution and access.

Forward two complete copies to the FAA Investigator-In-Charge (Lyle Streeter, AAI-101). Please contact Mr. Streeter for mailing instructions due to the current mail restrictions at headquarters.

The remaining package shall be secured and access denied. No one is to be allowed to "review" and/or otherwise permitted access to any part of the files without the expressed consent of Mr. Wayne Pierce.

Thanks,  
Bob

Reply Separator

**Subject:** Fwd:AIR TRAFFIC AIRCRAFT ACCIDENT PACKAGES OF SEPTEMBER 11  
**Author:** Walter Knof  
**Date:** 4/30/02 1:26 PM

Forward Header

**Subject:** AIR TRAFFIC AIRCRAFT ACCIDENT PACKAGES OF SEPTEMBER 11  
**Author:** Jeffery Myers  
**Date:** 4/25/2002 5:00 PM

Importance: High  
-----

Walter Knof, Ron Ruggeri, Kevin Christy;

With the release of the Air Traffic Aircraft Accident Package regarding American Airlines 11 and the anticipated release of the remaining three packages within the next few days, we wish to remind you that no copies of the Air Traffic Aircraft Accident Packages are to be made without the expressed consent of this office. The Federal Bureau of Investigation has informed us that due to the unique nature of the circumstances surrounding the four aircraft, distribution outside that specifically identified in Federal Aviation Administration (FAA) Order 8020.11B, Aircraft Accident and Incident Notification, Investigation and Reporting, is not permitted (i.e., forward only to the FAA Investigator-In-Charge [Lyle Streeter, AAI-101], and the National Transportation Safety Board). Please inform all involved Air Traffic facilities and personnel that each of the four packages shall have a cover sheet over restricting distribution and access.

Also, litigation has been initiated. We would like to take this opportunity to assure you that our office will work closely with the region(s), facility(ies), and involved Air Traffic employee(s) to minimize the impact and disruption the litigation process sometimes causes. Please let us know if any problems arise. Together we will work to eliminate or reduce as many of these problems as possible. A. Wayne Pierce, Air Traffic Investigations Division, AAT-200, ([202] 267-3215) has been assigned as the Air Traffic Safety Investigator to assist in the litigation process regarding the four aircraft. After the release of each Air Traffic Aircraft Accident Package Mr. Pierce will be your focal point regarding the four aircraft.

Occasionally, attorneys and/or investigators not associated with this office have presented themselves to the region, facility, and/or Air Traffic employees attempting to gain insight into the facts surrounding the aircraft accident. Thus, we ask that initiatives be taken to make sure inappropriate contacts be avoided. In other words, do not entertain or give out information regarding the aircraft accident. To successfully accomplish this we remind you that all coordination, requests for information, and/or other contacts will be conducted through Mr. Pierce. This process has been established to reduce the duplication of efforts, avoid confusion, and to maintain the operational safety, priority, integrity, and security of Air Traffic Control.

Litigation is pending and the discovery process may be long and in-depth. Therefore, we request that all files be secured and access be denied. No one is to be allowed to "review" and/or otherwise permitted access to any part of these files without expressed consent of Mr. Pierce. Any opportunity to review the files, documentation, information, notes, recordings, rerecordings, and/or data, etc., may present itself in the presence of an attorney from the Office of the Chief Counsel, Litigation Division (AGC-400) and/or U.S. Department of Justice attorney. This is a legal and strategy issue; it also serves as a benefit for the witnesses.

Please share this information with all involved facilities within your region.

We fully understand and appreciate the problems this may present the region, facility, and individuals, however, it is unavoidable. Should you have any questions, please contact me at (202) 267-8025.

Thank you;

Jeffery A. Myers  
AAT-200



U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

# Route Slip

To: Lyle Streeter, AAI-101

Date: May 3, 2002

Subject: Aircraft Accident, AAL11

Action: ☐ Per Your Request ☐ Discuss with Me ☒ Take Appropriate Action  
☐ For Your Information ☐ For Your Approval ☐ Please Answer  
☐ Per Our Conversation ☐ For your Signature ☐ Prepare Reply for:  
☐ Note and Return ☐ Comment

Remarks:

Attached are two copies of Aircraft Accident Package, AAL11, ZBW-ARTCC-148. By direction of the Federal Bureau of Investigation, distribution and access to Aircraft Accident Package, AAL11, ZBW-ARTCC-148 is restricted to the Accident Investigation Division, AAI-100 and the National Transportation Safety Board. A memorandum stating such has been placed inside each copy of Aircraft Accident Package, AAL11, ZBW-ARTCC-148.

If you have any questions, please contact the Boston ARTCC Quality Assurance Office.

  
Rusty Baird

ZBW-505.4  
Boston ARTCC Quality Assurance  
Phone: (603) 879-6672

FAX: (603) 879-6809

Attachments



U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

# Memorandum

Subject: **INFORMATION:** Aircraft Accident Package, AAL11,  
ZBW-ARTCC-148

Date: May 3, 2002

From: Quality Assurance Specialist, Boston ARTCC

Reply to  
Attn. of:

To: Aircraft Accident Package, AAL11, ZBW-ARTCC-148

By direction of the Federal Bureau of Investigation, distribution and access to Aircraft Accident Package, AAL11, ZBW-ARTCC-148 is restricted. Distribution and access to Aircraft Accident Package, AAL11, ZBW-ARTCC-148 is limited to the Accident Investigation Division, AAI-100 and the National Transportation Safety Board.

  
Rusty Baird





U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

# Memorandum

Subject: **INFORMATION:** Aircraft Accident Package, AAL11,  
ZBW-ARTCC-148


Date: May 3, 2002

From: Quality Assurance Specialist, Boston ARTCC

Reply to  
Attn. of:

To: Aircraft Accident Package, AAL11, ZBW-ARTCC-148

By direction of the Federal Bureau of Investigation, distribution and access to Aircraft Accident Package, AAL11, ZBW-ARTCC-148 is restricted. Distribution and access to Aircraft Accident Package, AAL11, ZBW-ARTCC-148 is limited to the Accident Investigation Division, AAI-100 and the National Transportation Safety Board.

  
Rusty Baird

Date: 4/30/02 3:12 PM  
Sender: Glenn W Michael  
To: #QA  
Priority: Normal  
Subject: Fwd[2]:AIR TRAFFIC AIRCRAFT ACCIDENT PACKAGES OF SEPTEMBER 1

---

Forward Header

Subject: Fwd:AIR TRAFFIC AIRCRAFT ACCIDENT PACKAGES OF SEPTEMBER 11  
Author: Walter Knof  
Date: 4/30/2002 1:26 PM

Forward Header

Subject: AIR TRAFFIC AIRCRAFT ACCIDENT PACKAGES OF SEPTEMBER 11  
Author: Jeffery Myers  
Date: 4/25/2002 5:00 PM

Importance: High  
-----

Walter Knof, Ron Ruggeri, Kevin Christy;

With the release of the Air Traffic Aircraft Accident Package regarding American Airlines 11 and the anticipated release of the remaining three packages within the next few days, we wish to remind you that no copies of the Air Traffic Aircraft Accident Packages are to be made without the expressed consent of this office. The Federal Bureau of Investigation has informed us that due to the unique nature of the circumstances surrounding the four aircraft, distribution outside that specifically identified in Federal Aviation Administration (FAA) Order 8020.11B, Aircraft Accident and Incident Notification, Investigation and Reporting, is not permitted (i.e., forward only to the FAA Investigator-In-Charge [Lyle Streeter, AAI-101], and the National Transportation Safety Board). Please inform all involved Air Traffic facilities and personnel that each of the four packages shall have a cover sheet over restricting distribution and access.

Also, litigation has been initiated. We would like to take this opportunity to assure you that our office will work closely with the region(s), facility(ies), and involved Air Traffic employee(s) to minimize the impact and disruption the litigation process sometimes causes. Please let us know if any problems arise. Together we will work to eliminate or reduce as many of these problems as possible. A. Wayne Pierce, Air Traffic Investigations Division, AAT-200, ([202] 267-3215) has been assigned as the Air Traffic Safety Investigator to assist in the litigation process regarding the four aircraft. After the release of each Air Traffic Aircraft Accident Package Mr. Pierce will be your focal point regarding the four aircraft.

Occasionally, attorneys and/or investigators not associated with this office have presented themselves to the region, facility, and/or Air Traffic employees attempting to gain insight into the facts surrounding the aircraft accident. Thus, we ask that initiatives be taken to make sure inappropriate contacts be avoided. In other words, do not

entertain or give out information regarding the aircraft accident. To successfully accomplish this we remind you that all coordination, requests for information, and/or other contacts will be conducted through Mr. Pierce. This process has been established to reduce the duplication of efforts, avoid confusion, and to maintain the operational safety, priority, integrity, and security of Air Traffic Control.

Litigation is pending and the discovery process may be long and in-depth. Therefore, we request that all files be secured and access be denied. No one is to be allowed to "review" and/or otherwise permitted access to any part of these files without expressed consent of Mr. Pierce. Any opportunity to review the files, documentation, information, notes, recordings, rerecordings, and/or data, etc., may present itself in the presence of an attorney from the Office of the Chief Counsel, Litigation Division (AGC-400) and/or U.S. Department of Justice attorney. This is a legal and strategy issue; it also serves as a benefit for the witnesses.

Please share this information with all involved facilities within your region.

We fully understand and appreciate the problems this may present the region, facility, and individuals, however, it is unavoidable. Should you have any questions, please contact me at (202) 267-8025.

Thank you;

Jeffery A. Myers  
AAT-200

Date: 4/30/02 1:53 PM

Sender: Bob Locke

To: Walter Knof; Clifford R Baird; Terry Biggio; Bertrand R Ouellette; Alecia E Cox; Bob Locke

Priority: Normal

Subject: Re:Fwd:AIR TRAFFIC AIRCRAFT ACCIDENT PACKAGES OF SEPTEMBER 1

---

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Thanks,  
Bob

---

Reply Separator

Subject: Fwd:AIR TRAFFIC AIRCRAFT ACCIDENT PACKAGES OF SEPTEMBER 11  
Author: Walter Knof  
Date: 4/30/02 1:26 PM

---

Forward Header

Subject: AIR TRAFFIC AIRCRAFT ACCIDENT PACKAGES OF SEPTEMBER 11  
Author: Jeffery Myers  
Date: 4/25/2002 5:00 PM

Importance: High

-----

Walter Knof, Ron Ruggeri, Kevin Christy;

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Please share this information with all involved facilities within your region.

We fully understand and appreciate the problems this may present the region, facility, and individuals, however, it is unavoidable. Should you have any questions, please contact me at (202) 267-8025.

Thank you;

Jeffery A. Myers  
AAT-200

# Fax Transmittal

**To:** Lynn McCloud

**From:** Rusty Baird

**Fax:** 202-267-5047

**Date:** August 28, 2002

**Pages:** 4 (Including This One)

**Phone:** 603 879 6672

**Re:** AAL11 - UAL175

**•Comments:**

Information concerning AAL11 and UAL175 on September 11, 2001. Thank you.

Data forwarded      QA Bulletin      9/20/2001      AAL11  
8020-6-1      9/21/2001      UAL175

40'



**Terry Biggio**

11/07/02 03:01 PM

To: Wayne Pierce/AWA/FAA@FAA  
cc: Glenn W Michael/ANE/FAA@FAA, Clifford R Baird/ANE/FAA@FAA,  
Bob Locke/ANE/FAA@FAA  
Subject: 9/11/01 Inventory- AAL11

Wayne,

Attached is a soft copy of the inventory we have for AAL11. As you can see it is extensive. We are currently working on the inventory for UAL175. Rusty will send the soft copy out tomorrow. If you need a signed Memorandum just let me know.

Terry



AAL11 Accident Package Inventory P



U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

# Memorandum

Subject: **INFORMATION:** AAL11 ACCIDENT FILE

Date:

From: Air Traffic Manager, Boston ARTCC

Reply to  
Attn. of:

To: Manager, Investigations Division, AAT-200  
ATTN: Wayne Pierce

Per headquarters request of November 5, 2002, the following is a list of the materials held by Boston ARTCC regarding AAL11, Aircraft Accident, on September 11, 2001.

1. Aircraft Accident Package, ZBW-ARTCC-148, AAL11.
2. Facility Master Tapes 109, 201, 306, 307, 308, 400, 508, and 509: Certified Re-Recordings for sector/positions 05R, 09R, 09RA, 10R, 10RA, 18R, 18RA, 20R, 20RA, 21R, 22R, 24R, 31R, 31RA, 36R, 36RA, 38R, 38RA, 39R, 39RA, 46R, 47R, 47RA, MOS, TMU.
3. Radar ViewPoint Plot (23 pages) of AAL11, dated September 11, 2001.
4. RDP Track Report for AAL11, dated September 11, 2001.
5. General Information (GI's) notices from September 11, 2001.
6. FAA Form 8020-9, Aircraft Accident Preliminary Notice.
7. Sign-In/Sign-out Printout, for September 11, 2001.
8. Telephone Selection Detail Report for September 11, 2001, covering telephone calls from 08:28am to 08:49am.
9. Air Traffic Control System Command Center "Workstation 15 – East Log", dated September 11, 2001 (12 pages).
10. METAR Weather Reports on September 11, 2001 for Newark, La Guardia, and Kennedy.
11. ZBW/FBI Chain Of Custody Document, dated September 11, 2001, regarding SAR tapes and certified re-recordings.
12. Record of data released from ZBW reference AAL11 and UAL175.
13. Misc. Fax Transmittal Cover Sheets (5 total), Fax Receipt Confirmation pages (3 total), and cc-mail communications (2 total), dated September 11-15, 2001.
14. Quality Assurance Bulletins, dated September 17, 2001 and September 20, 2001.



15. ZBW/FBI Chain of Custody Document, dated September 17, 2001 regarding Radar ViewPoint Plot and certified re-recording.
16. Cc-mail communication, dated September 17, 2001 entitled Action Items Remaining Open.
17. Fax Receipt Confirmation page, dated September 17, 2001, with attached NATCA document.
18. Cc-mail communication, dated September 17, 2001 listing involved personnel.
19. Misc. Fax Transmittal Cover Sheet and cc-mail communication, dated September 19, 2001 regarding ZBW MOS partial transcript.
20. Misc. Fax Transmittal Cover Sheets, dated September 20, 2001 regarding transcripts and personnel statement.
21. Cc-mail from Rusty Baird, dated September 21, 2001 regarding NTAP's and DART's.
22. Cc-mail from Ken Acker, dated September 21, 2001 regarding NTSB request for NTAP and DART.
23. Memorandum, dated September 26, 2001 regarding certified re-recordings.
24. Cc-mail from Tom Benson, dated September 26, 2001 regarding FBI request for certified re-recordings.
25. Cc-mail from Rusty Baird, dated September 26, 2001 regarding FBI request for certified re-recordings.
26. Route Slip, dated October 2, 2001 regarding certified re-recordings.
27. Route Slip, dated October 3, 2001 regarding certified re-recordings.
28. Cc-mail communication from Ken Acker, dated October 4, 2001 regarding FOIA requests.
29. Cc-mail communication from Bob Locke, dated October 9, 2001 regarding NTSB & FBI Request.
30. Cc-mail communication from Bob Locke, dated October 16, 2001 regarding preparation of accident packages.
31. ZBW/FBI Chain of Custody Document, dated October 18, 2001.
32. Cc-mail communication, dated November 20, 2001 regarding security of accident packages.
33. Personnel Statement Tracking Sheet, dated December 18, 2001.
34. Information Access Sheet, dated January 31, 2002.
35. Memorandum, dated January 31, 2002 regarding ZNY accident file.
36. Cc-mail communications, dated February 11-12, 2002 requesting copies of transcripts.
37. Cc-mail communication, dated April 15, 2002 regarding retention of documents.
38. Cc-mail communication, dated April 30, 2002 regarding release of the accident package.
39. Memorandum and Route Slip to Lyle Streeter, AAI-101, dated May 3, 2002 regarding security of accident packages.
40. Fax Transmittal Cover Letter, dated August 28, 2002, used to transmit Quality Assurance Bulletin, dated September 20, 2001.

41. SAR Tapes from September 11, 2001 at 0000UTC through September 11, 2001 at 0439UTC and from September 11, 2001 at 0640UTC through September 12, 2001 at 0309UTC.
42. One (1) Maxell DOS Formatted Disc containing DART and NTAP data.

If we can be of further assistance, please contact the Quality Assurance Office at (603) 879-6672.

Glenn W. Michael



U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

# Route Slip

To: Steve Reynolds, AOS-300

Date: March 10, 2003

Subject: September 11, 2001

Action: ☒ Per Your Request    ☐ Discuss with Me    ☐ Take Appropriate Action  
☐ For Your Information    ☐ For Your Approval    ☐ Please Answer  
☐ Per Our Conversation    ☐ For your Signature    ☐ Prepare Reply for:  
☐ Note and Return    ☐ Comment

Remarks:

Attached are the following materials concerning September 11, 2001.

Copy of SAR tapes BW0806, BW0813, BW0814, BW0815 and BW0816  
for September 11, 2001.



Rusty Baird, ZBW-505.4  
Phone: (603) 879-6672

FAX: (603) 879-6809

Attachments

Wayne Pierce

03/06/03 12:45 PM

To: Terry Biggio/ANE/FAA@FAA, Maureen Cragen/ANE/FAA@FAA

cc: Clifford R Baird/ANE/FAA@FAA

Subject:

Please have a copy of the following SAR tapes sent to Steve Reynolds, Acting Manager AOS-300 at the Tech Center right away via FEDEX. Include his phone number (609-485-6550) on the waybill. He also said to include a copy of the 'recover' or 'restore' tape for 9-11-01.

| <u>Number</u>  | <u>Sys</u> | <u>Time</u> | <u>ID-</u> |  |
|----------------|------------|-------------|------------|--|
| M-BSD-20000004 | BW0806     | 0907-1041   | 9          |  |
| M-BSD-20000005 | BW0813     | 1041-1128   | 10         |  |
| M-BSD-20000006 | BW0814     | 1128-1212   | 11         |  |
| M-BSD-20000007 | BW0815     | 1212-1255   | 12         |  |
| M-BSD-20000008 | BW0816     | 1255-1345   | 13         |  |

Also prepare a printout of the DSR recorded data for the sectors that worked AAL11 and UAL175.

Thank you,

A. Wayne Pierce, AAT-200

FedEx  
Tracking  
Number

8349 7496 1117

TO/TH Please print and print hard.

Date 3/11/2003 Sender's FedEx Account Number 1509-0216-9

Sender's Name Rusty Baird Phone (603) 879-6638

Company FAA BOSTON CENTER

Address 35 NORTHEASTERN BLVD # C5

Dept./Floor/Suite/Room

City NASHUA State NH ZIP 03062

Our Internal Billing Reference  
# 24 characters will appear on invoice.

OPTIONAL

Recipient's Name Steve Reynolds Phone (609) 485 6550

Company FAA Manager AOS-310

Address William J. Hughes Technical Center  
HOLD\* at FedEx location, print FedEx address. We cannot deliver to P.O. boxes or P.O. ZIP codes.Address Atlantic City International Airport  
Atlantic City State NJ ZIP 08405

Try online shipping at fedex.com

By using this Airbill you agree to the service conditions on the back of this Airbill  
and in our current Service Guide, including terms that limit our liability.Questions? Visit our Web site at fedex.com  
or call 1.800.Go.FedEx® 800.463.3339.

0214932458

SPH13

0215

Sender's Copy

## 4a Express Package Service

Packages up to 150 lbs.

☒ FedEx Priority Overnight  
Next business morning☐ FedEx Standard Overnight  
Next business afternoon☐ FedEx First Overnight  
Earliest next business morning  
delivery to select locations☐ FedEx 2Day  
Second business day☐ FedEx Express Saver  
Third business day

## 4b Express Freight Service

Packages over 150 lbs.

☐ FedEx 1Day Freight®  
Next business day☐ FedEx 2Day Freight  
Second business day☐ FedEx 3Day Freight  
Third business day

\* Call for Confirmation:

## 5 Packaging

\* Declared value limit \$500

☐ FedEx Envelope®☐ FedEx Pak®  
Includes FedEx Small Pak, FedEx  
Large Pak, and FedEx Sturdy Pak☒ Other

## 6 Special Handling

Include FedEx address in Section 1.

☐ HOLIDAY Delivery  
Available ONLY for  
FedEx Priority Overnight and  
FedEx 2Day to select ZIP codes☐ HOLD Weekday  
at FedEx Location  
NOT Available for  
FedEx First Overnight☐ HOLD Saturday  
at FedEx Location  
Available ONLY for  
FedEx Priority Overnight and  
FedEx 2Day to select locations

Does this shipment contain dangerous goods?

One box must be checked.

☐ No☐ YesAs per attached  
Shipper's Declaration☐ YesShipper's Declaration  
not required☐ Dry Ice  
Dry Ice, 6, IATA 1845

Dangerous Goods (excluding Dry Ice) cannot be shipped in FedEx packaging.

☐ Cargo Aircraft Only

## 7 Payment Bill to:

Enter FedEx Acct. No. or Credit Card No. below.

☐ Sender  
Acct. No. in Section 1  
I will be billed.☒ Recipient☐ Third Party☐ Credit Card☐ Cash/CheckFedEx Acct. No.  
Credit Card No.

1825-7104-0

Exp.  
Date

Total Packages

Total Weight

Total Declared Value\*

1

4

.00

\* Our liability is limited to \$100 unless you declare a higher value. See back for details.

FedEx Use Only

## 8 Release Signature

Sign to authorize delivery without obtaining signature.

By signing you authorize us to deliver this shipment without obtaining a signature  
and agree to indemnify and hold us harmless from any resulting claims.

447

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U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

# Memorandum

**Subject:** **INFORMATION:** AAT-200 Request, Aircraft  
Accidents, AAL11 - UAL175

**Date:** July 10, 2003

**From:** Quality Assurance Support Specialist,  
ZBW-505.4

**Reply to  
Attn. of:**

**To:** Manager, Investigations Division, AAT-200  
ATTN: Jeffery Myers

Per the request by the National Commission on Terrorist Attacks Upon the United States, attached are the following certified copies of transcripts concerning Aircraft Accidents AAL11 and UAL175 on September 11, 2001. Please note the transcripts concerning UAL175 were not included in the Aircraft Accident Package, ZNY-ARTCC-148 completed by New York ARTCC. The Investigations Division, AAT-200, originally requested these transcripts.

UAL175 transcripts in chronological summary of flight:

- Boston ARTCC Sector 47 Radar Position
- Boston ARTCC Sector 46 Radar Position
- Boston ARTCC Sector 20 Radar Position

AAL11 transcripts in chronological summary of flight:

- Boston ARTCC Sector 47 Radar Position
- Boston ARTCC Sector 46 Radar Position
- Boston ARTCC Sector 38 Radar Position
- Boston ARTCC Sector 38 Radar Associate Position
- Boston ARTCC Sector 47 Radar Associate Position
- Boston ARTCC Sector 39 Radar Position
- Boston ARTCC Sector 36 Radar Position
- Boston ARTCC Sector 10 Radar Associate Position
- Boston ARTCC Sector 09 Radar Position
- Boston ARTCC Sector 22 Radar Position
- Boston ARTCC Sector 39 Radar Associate Position
- Boston ARTCC Sector TMU Severe Weather Position
- Boston ARTCC Sector 20 Radar Associate Position



Bertrand R Ouellette

07/10/03 06:43 AM

To: Edmund M DeLacy/ANE/FAA@FAA  
cc: Clifford R Baird/ANE/FAA@FAA  
Subject: SEPTEMBER 11 TRANSCRIPTS

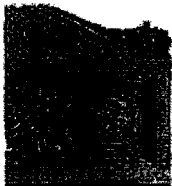
Call me when you receive this.

Bertrand Ouellette

ANE 505.4

781-238-7584

— Forwarded by Bertrand R Ouellette/ANE/FAA on 07/10/2003 06:41 AM —



Jeffery Myers

07/10/2003 05:41 AM

To: Bob Whitworth/AEA/FAA@FAA, Bertrand R Ouellette/ANE/FAA@FAA,  
Dorothy Davis/AGL/FAA@FAA  
cc: Jeffery Myers/AWA/FAA@FAA, Anthony Ferrante/AWA/FAA@FAA,  
Tony Mello/AWA/FAA@FAA, Thomas R Davidson/ANE/FAA@FAA,  
Nancy Shelton/AGL/FAA@FAA, Rick Ducharme/AEA/FAA@FAA,  
Cindy Coram/AGL/FAA@FAA  
Subject: SEPTEMBER 11 TRANSCRIPTS



The National Commission on Terrorist Attacks Upon the United States has requested first generation certified copies of *ALL* transcripts that were created by Air Traffic as the result of the events surrounding September 11, 2001. This includes transcripts of communications between all agencies, offices, facilities, positions, ground-to-air, air-to-air, and air-to-ground, etc. Do not have any new transcripts prepared as a result of this request. Our office has been directed to produce these items immediately. Therefore, it is requested this documentation be forwarded to this office, to my attention (see address below), so as to be received **NLT COB, Friday, July 11** (tomorrow). There can be no extension to this request.

Use Federal Express account billing number 182 571 040 for the shipping. The use of this account number is a one time event and we have to account for the use of the account, therefore, have a copy of the shipping bill forwarded to me via facsimile (see number provided below) then ensure the account number is no longer available for future use.

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Express

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8349 7496 1161

**1 From** Please print and press hard.

Date **7/10/2003**

Sender's FedEx  
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\*\*\*\*\*

Sender's Name **Boston ARTCC - Rusty Baird**

Phone **(603) 879-6638**

Company **FAA BOSTON CENTER**

Address **35 NORTHEASTERN BLVD # C5**

Dept./Floor/Suite/Room

City **NASHUA**

State

**NH**

ZIP

**03062**

**2 Your Internal Billing Reference**

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OPTIONAL

**3 To**

Recipient's

Name **Jeffery A. Myers**

Phone **(202) 267 8025**

Company **Air Traffic Investigations Division**

Address **Federal Aviation Administration**

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Third business day

\* Call for Confirmation.

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Shipper's Declaration not required

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Dry Ice, 5, UN 1845

kg

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182 571 040

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Total Declared Value\*

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# Fax Transmittal

**To:** Jeff Myers

**From:** Rusty Baird

**Fax:** 202-267-9151

**Date:** July 11, 2003

**Pages:** 2 (Including This One)

**Phone:** 603 879 6672

**Re:**

**•Comments:**

Jeff, copy of FedEx shipping bill for transcripts concerning 9/11/2001. Thank you.



U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

# Memorandum

Subject: **INFORMATION**: September 11, 2001

Date: September 4, 2003

From: Quality Assurance Support Specialist,  
ZBW-505.4

Reply to  
Attn. of:

To: Manager, Investigations Division, AAT-200  
ATTN: Jeffery Myers

Per the request by the National Commission on Terrorist Attacks Upon the United States, attached is a certified re-recording concerning communications between Boston ARTCC Sector 18 and military aircraft that were scrambled as a result of the events on September 11, 2001.

If we can be of further assistance, please contact the Quality Assurance Office at (603) 879-6672.

  
Rusty Baird

Attachments

FedEx  
Tracking  
Number

8349 7496 1183

1 From Please print and print hard.  
Date 9/4/2003 Sender's FedEx Account Number 1509-0216-9

Sender's Name Boston ARTCC - Rusty Baird Phone (603) 879-6638

Company FAA BOSTON CENTER

Address 35 NORTHEASTERN BLVD # C5

City NASHUA State NH ZIP 03062

2 Your Internal Billing Reference  
First 24 characters will appear on invoice.

OPTIONAL

3 To Recipient's Name Jeffery A. Myers Phone (202) 267 8025

Company Federal Aviation Administration

National Headquarters

Address Air Traffic Service - Investigations Division  
To "HOLD" at FedEx location, print FedEx address. We cannot deliver to P.O. boxes or P.O. ZIP codes.

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Next business afternoon

Packages up to 150 lbs.  
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☐ FedEx First Overnight  
Earliest next business morning  
delivery to select locations

☐ FedEx 2Day  
Second business day  
FedEx Envelope not available. Minimum charge: One-pound rate☐ FedEx Express Saver  
Third business day

## 4b Express Freight Service

☐ FedEx 1Day Freight\*  
Next business day☐ FedEx 2Day Freight  
Second business day

Packages over 150 lbs.  
Delivery commitment may be later in some areas.  
☐ FedEx 3Day Freight  
Third business day

\* Call for Confirmation.

\* Declared value limit \$500

## 5 Packaging

☐ FedEx Envelope\*☐ FedEx Pak\*

Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak

☒ Other

## 6 Special Handling

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Available ONLY for  
FedEx Priority Overnight and  
FedEx 2Day to select ZIP codes☐ HOLD Weekday  
at FedEx Location  
NOT Available for  
FedEx First Overnight☐ HOLD Saturday  
at FedEx Location  
Available ONLY for  
FedEx Priority Overnight and  
FedEx 2Day to select locations

Does this shipment contain dangerous goods?  
One box must be checked.

☐ No ☐ Yes  
As per attached  
Shipper's Declaration☐ Yes  
Shipper's Declaration  
not required☐ Dry Ice  
Dry Ice, 8 UN 1845

Dangerous Goods (including Dry Ice) cannot be shipped in FedEx packaging.

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Date

Total Packages

Total Weight

Total Declared Value\*

\$ .00

\*Our liability is limited to \$100 unless you declare a higher value. See back for details.

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447

Alecia E Cox

08/29/03 11:41 AM

To: Jeff Myers/AWP/FAA@FAA

cc: Clifford R Baird/ANE/FAA@FAA, Pete Wyman/ANE/FAA@FAA

Subject: Request from AAT-200 for ATC tapes on September 11, 2001

Good morning Jeff,

Per our telephone conversation this morning you have requested the following documents be Federal Expressed to you NLT September 8, 2003.

Certified copy of Air Traffic Control communications of military aircraft at Otis from 8:45 to 9:30 on September 11, 2001.

This certified copy is being made for the National Commission on Terrorist Attacks Upon the United States.

Boston ARTCC covers that airspace and I am also checking with the Military Rep here in the Region to check to see if Otis kept anything on that day.

I just want to make sure this is all you need, so please reply back.

Take Care

Alecia E. Cox

Management and Program Analyst

Quality Assurance Staff, ANE-505.2

(781) 238-7582

Sec 18 1245 - 1330

# Fax Transmittal

**To:** Bert Ouellette

**From:** Rusty Baird

**Fax:** 781-238-7598

**Date:** September 9, 2003

**Pages:** 3 (Including This One)

**Phone:** 603 879 6672

**Re:**

**•Comments:**

Requested data concerning AAL11 & UAL175 on September 11, 2001. Thank you.

AAL11 data is on 8020-6 & 8020-6-1.

UAL175 data is as follows:

Sector 47 Radar Associate - Mark O'Neil

Sector 47 Radar - Gregory Taccini

Sector 46 Radar Associate - Alan Miller

Sector 46 Radar - Peter Zalewski

Sector 20 Radar Associate - William Dean

Sector 20 Radar - Francis Browne

Sector 20 Radar - John Hartling

All of the individuals listed for UAL175 also worked AAL11 with the exception of Francis Browne.

# Fax Transmittal

**To:** Jeff Meyers

**From:** Rusty Baird

**Fax:** 202-267-9151

**Date:** September 25, 2003

**Pages:** 5 (Including This One)

**Phone:** 603 879 6672

**Re:**

**•Comments:**

Requested Quality Assurance Bulletins provided to representatives of the National Commission on Terrorist Attacks Upon the United States concerning September 11, 2001. Thank you.

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U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

# Memorandum

Subject: **INFORMATION:** AAL11 Accident File

Date: September 25, 2003

From: Support Specialist, Quality Assurance, Boston  
ARTCC

Reply to  
Attn. of:

To: Manager, Investigations Division, AAT-200

Per headquarters request of September 25, 2003, the following is a list of the materials contained in the Accident File held by Boston ARTCC regarding Aircraft Accident, AAL11, on September 11, 2001.

1. Radar ViewPoint Plot (23 pages) of AAL11, dated September 11, 2001.
2. RDP Track Report for AAL11, dated September 11, 2001.
3. General Information (GI's) notices from September 11, 2001.
4. FAA Form 8020-9, Aircraft Accident Preliminary Notice.
5. Sign-In/Sign-out Printout, for September 11, 2001.
6. Telephone Selection Detail Report for September 11, 2001, covering telephone calls from 08:28am to 08:49am.
7. Air Traffic Control System Command Center "Workstation 15 – East Log", dated September 11, 2001 (12 pages).
8. METAR Weather Reports on September 11, 2001 for Newark, La Guardia, and Kennedy.
9. ZBW/FBI Chain Of Custody Document, dated September 11, 2001, regarding SAR tapes and certified re-recordings.
10. Record of data released from ZBW reference AAL11 and UAL175.
11. Misc. Fax Transmittal Cover Sheets (5 total), Fax Receipt Confirmation pages (3 total), and cc-mail communications (2 total), dated September 11-15, 2001.
12. Quality Assurance Bulletins, dated September 17, 2001 and September 20, 2001.
13. ZBW/FBI Chain of Custody Document, dated September 17, 2001 regarding Radar ViewPoint Plot and certified re-recording.
14. Cc-mail communication, dated September 17, 2001 entitled Action Items Remaining Open.

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15. Fax Receipt Confirmation page, dated September 17, 2001, with attached NATCA document.
16. Cc-mail communication, dated September 17, 2001 listing involved personnel.
17. Misc. Fax Transmittal Cover Sheet and cc-mail communication, dated September 19, 2001 regarding ZBW MOS partial transcript.
18. Misc. Fax Transmittal Cover Sheets, dated September 20, 2001 regarding transcripts and personnel statement.
19. Cc-mail from Rusty Baird, dated September 21, 2001 regarding NTAP's and DART's.
20. Cc-mail from Ken Acker, dated September 21, 2001 regarding NTSB request for NTAP and DART.
21. Memorandum, dated September 26, 2001 regarding certified re-recordings.
22. Cc-mail from Tom Benson, dated September 26, 2001 regarding FBI request for certified re-recordings.
23. Cc-mail from Rusty Baird, dated September 26, 2001 regarding FBI request for certified re-recordings.
24. Route Slip, dated October 2, 2001 regarding certified re-recordings.
25. Route Slip, dated October 3, 2001 regarding certified re-recordings.
26. Cc-mail communication from Ken Acker, dated October 4, 2001 regarding FOIA requests.
27. Cc-mail communication from Bob Locke, dated October 9, 2001 regarding NTSB & FBI Request.
28. Cc-mail communication from Bob Locke, dated October 16, 2001 regarding preparation of accident packages.
29. ZBW/FBI Chain of Custody Document, dated October 18, 2001.
30. Cc-mail communication, dated November 20, 2001 regarding security of accident packages.
31. Personnel Statement Tracking Sheet, dated December 18, 2001.
32. Information Access Sheet, dated January 31, 2002.
33. Memorandum, dated January 31, 2002 regarding ZNY accident file.
34. Cc-mail communications, dated February 11-12, 2002 requesting copies of transcripts.
35. Cc-mail communication, dated April 15, 2002 regarding retention of documents.
36. Cc-mail communication, dated April 30, 2002 regarding release of the accident package.
37. Memorandum and Route Slip to Lyle Streeter, AAI-101, dated May 3, 2002 regarding security of accident packages.
38. Fax Transmittal Cover Letter, dated August 28, 2002, used to transmit Quality Assurance Bulletin, dated September 20, 2001.
39. Cc-mail communication and Memorandum, dated November 7, 2002 regarding list of materials held for AAL11.
40. Cc-mail communication and Route Slip, dated March 10, 2003 concerning SAR tapes from September 11, 2001.



41. Cc-mail communication and Memorandum, dated July 10, 2003 concerning transcripts requested by the National Commission on Terrorist Activities Upon the United States.
42. Cc-mail communication and Memorandum, dated September 4, 2003 concerning a certified re-recording of Boston ARTCC Sector 18.
43. Fax Transmittal, dated September 9, 2003 concerning a list of operational personnel working on September 11, 2001.

If we can be of further assistance, please contact the Quality Assurance Office at (603) 879-6672.

  
Rusty Baird

Clifford R Baird  
09/25/03 03:05 PM

To: Anthony Ferrante/AWA/FAA@FAA, Glenn W Michael/ANE/FAA@FAA  
cc:  
Subject: Inventory Of AAL11 Accident

Attached is a memorandum concerning information contained in the AAL11 Accident File.

Rusty Baird



AAL11 Accident File Inventory Pa



U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

# Memorandum

Subject: **INFORMATION**: Aircraft Accident, AAL11

Date: September 29, 2003

From: Quality Assurance Support Specialist,  
ZBW-505.4

Reply to  
Attn. of:

To: Manager, Investigations Division, AAT-200  
ATTN: Jeffery Myers

Per the request by the National Commission on Terrorist Attacks Upon the United States, the following documents were released on September 24, 2003 at Boston ARTCC.

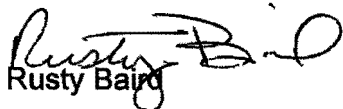
Quality Assurance Bulletins dated September 17, 2001 and September 20, 2001 concerning ZBW timeline for Aircraft Accident, AAL11.

Copy of Boston ARTCC High Altitude Sectors and Frequencies in use on September 11, 2001.

Copy of Boston ARTCC Low Altitude Sectors and Frequencies in use on September 11, 2001.

Map of plotted flight path of AAL11 on September 11, 2001.

If we can be of further assistance, please contact the Quality Assurance Office at (603) 879-6672.

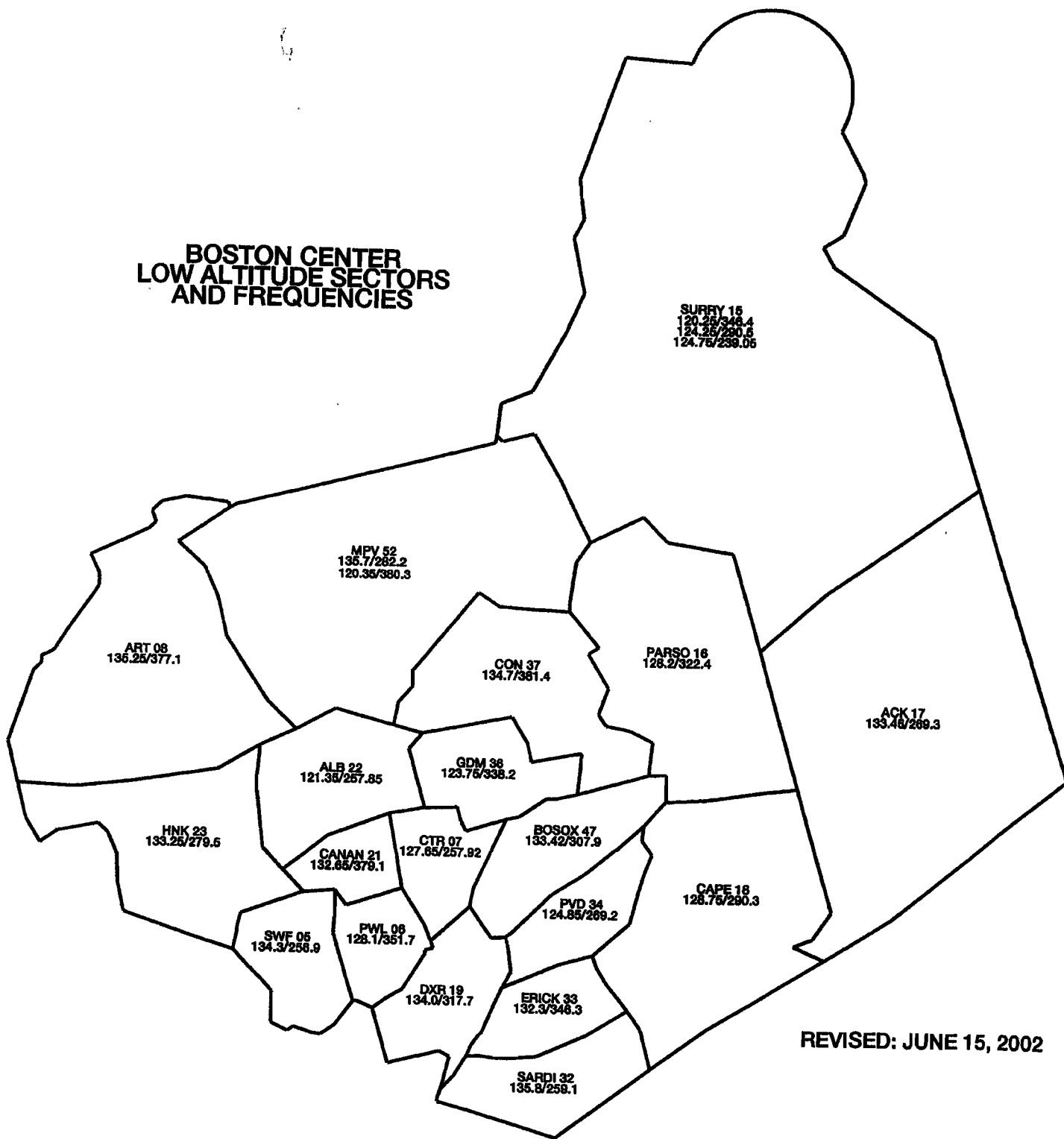
  
Rusty Baird

Attachments

4B

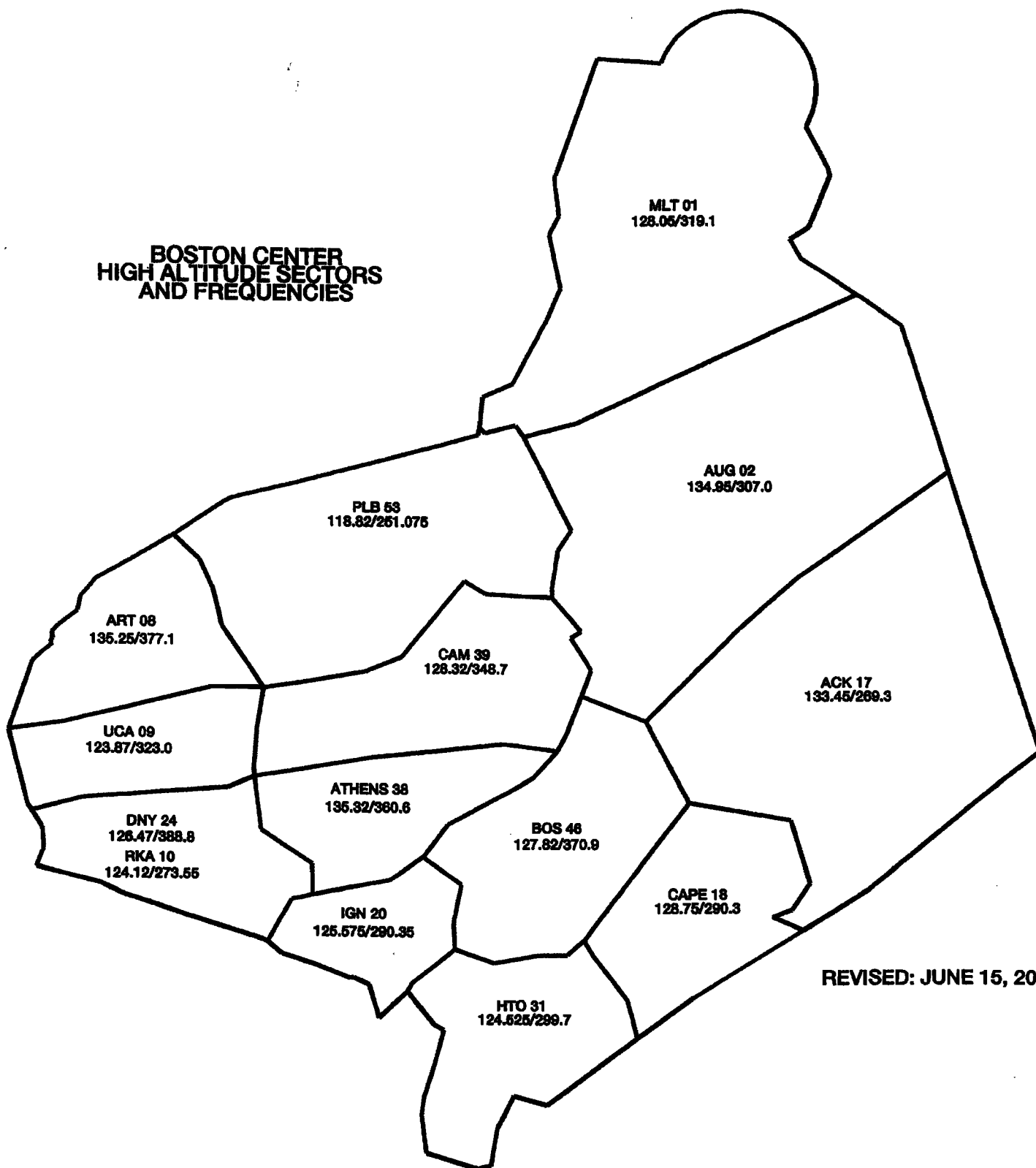
189

# BOSTON CENTER LOW ALTITUDE SECTORS AND FREQUENCIES



REVISED: JUNE 15, 2002

**BOSTON CENTER  
HIGH ALTITUDE SECTORS  
AND FREQUENCIES**



REVISED: JUNE 15, 2001

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# Quality Assurance Bulletin

## BOSTON CENTER BULLETIN

DATE: September 17, 2001

SUBJECT: AAL11

INFORMATION: The following information is provided regarding Aircraft Accident AAL11 on September 11, 2001.

|             |                                                                                                                                 |
|-------------|---------------------------------------------------------------------------------------------------------------------------------|
| 1209:17 UTC | AAL11 reports on ZBW Sector 46 frequency leaving FL190 for FL230.                                                               |
| 1209:22 UTC | AAL11 instructed to climb to FL280. AAL11 acknowledges clearance.                                                               |
| 1210:13 UTC | AAL11 instructed to climb to FL290. AAL11 acknowledges clearance.                                                               |
| 1211:58 UTC | AAL11 issued a traffic advisory for a MD80 at FL310. AAL11 acknowledges the advisory.                                           |
| 1213:29 UTC | AAL11 instructed to turn 20 degrees right. AAL11 acknowledges the clearance.                                                    |
| 1213:47 UTC | AAL11 instructed to climb to FL350. AAL11 does not reply to the clearance.                                                      |
| 1213:57 UTC | AAL11 instructed to climb to FL350. AAL11 does not reply to the clearance.                                                      |
| 1214:08 UTC | Sector 46 attempts contact with AAL11. AAL11 does not reply.                                                                    |
| 1214:23 UTC | Sector 46 attempts contact with AAL11. AAL11 does not reply.                                                                    |
| 1214:33 UTC | Sector 46 attempts contact with AAL11. AAL11 does not reply.                                                                    |
| 1214:45 UTC | Sector 46 advises Sector 38 AAL11 was turned 20 degrees right, is NORDO and is possibly climbing to FL290 only.                 |
| 1215:13 UTC | Sector 46 attempts contact with AAL11. AAL11 does not reply.                                                                    |
| 1215:22 UTC | Sector 46 instructs AAL11 to ident if the aircraft can hear ZBW. AAL11 does not reply. No ident is received from the aircraft.  |
| 1216:32 UTC | Sector 46 attempts contact with AAL11. AAL11 does not reply.                                                                    |
| 1217:05 UTC | Sector 46 attempts contact with AAL11. AAL11 does not reply.                                                                    |
| 1217:56 UTC | Sector 46 instructs AAL11 to ident if the aircraft can hear ZBW. AAL11 does not reply. No ident is received from the aircraft.  |
| 1218:56 UTC | Sector 46 attempts contact with AAL11. AAL11 does not reply.                                                                    |
| 1220:07 UTC | Sector 46 attempts contact with AAL11. AAL11 does not reply.                                                                    |
| 1220:48 UTC | Last radar hit on AAL11 squawking discrete beacon code. All further radar data is primary only.                                 |
| 1222:27 UTC | Sector 46 attempts contact with AAL11. AAL11 does not reply.                                                                    |
| 1224:38 UTC | Transmission on frequency from hijacker.                                                                                        |
| 1224:46 UTC | Sector 46 requests if someone is calling ZBW.                                                                                   |
| 1224:53 UTC | Sector 46 request if AAL11 is trying to call ZBW.                                                                               |
| 1224:57 UTC | Transmission on frequency from hijacker.                                                                                        |
| 1227:50 UTC | ZBW STMC contacts Central Flow East Position regarding AAL11 and advises of a possible hijack situation.                        |
| 1229:01 UTC | ZBW STMC with Central Flow East Position conferences with ZNY and ZOB TMU regarding AAL11.                                      |
| 1230:13 UTC | Time stamp on phone records indicates OMIC contacts ROC regarding AAL11.                                                        |
| 1233:59 UTC | Transmission on frequency from hijacker.                                                                                        |
| 1234:32 UTC | ZBW STMC contacts CAPE Approach and requests coordination with OTIS AFB regarding a military aircraft scramble regarding AAL11. |
| 1240:02 UTC | ZBW STMC contacts Central Flow East Position and requests a conference with N90 regarding AAL11.                                |

As you can tell, the time line indicates ZBW was very responsive to the hijack situation. It doesn't appear Sector 46 had a full understanding of the situation until 1224:57 UTC. To complete CPC to OS coordination regarding AAL11 and have the STMC contacting Central Flow approximately three minutes later is outstanding. Sector 46, Area C OS, STMC and OMIC did excellent and timely work. I'm sure many others at ZBW did also. I hope the time line helps

answer any questions you might have regarding this situation. This information was provided to your office only. If you have any further questions, please contact the Quality Assurance Office.

  
Rusty Baird  
Support Specialist  
Quality Assurance

---

Dist: ZBW-2/1

---

# ***Quality Assurance Bulletin***

**BOSTON CENTER BULLETIN**

**DATE: September 20, 2001**

**SUBJECT: AAL11**

**INFORMATION:** The following information is provided regarding Aircraft Accident AAL11 on September 11, 2001.

|             |                                                                                                                                                                                                                                               |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1209:17 UTC | AAL11 reports on ZBW Sector 46 frequency leaving FL190 for FL230.                                                                                                                                                                             |
| 1209:22 UTC | AAL11 instructed to climb to FL280. AAL11 acknowledges clearance.                                                                                                                                                                             |
| 1210:13 UTC | AAL11 instructed to climb to FL290. AAL11 acknowledges clearance.                                                                                                                                                                             |
| 1211:58 UTC | AAL11 issued a traffic advisory for a MD80 at FL310. AAL11 acknowledges the advisory.                                                                                                                                                         |
| 1213:29 UTC | AAL11 instructed to turn 20 degrees right. AAL11 acknowledges the clearance.                                                                                                                                                                  |
| 1213:47 UTC | AAL11 instructed to climb to FL350. AAL11 does not reply to the clearance.                                                                                                                                                                    |
| 1213:57 UTC | AAL11 instructed to climb to FL350. AAL11 does not reply to the clearance.                                                                                                                                                                    |
| 1214:08 UTC | Sector 46 attempts contact with AAL11. AAL11 does not reply.                                                                                                                                                                                  |
| 1214:23 UTC | Sector 46 attempts contact with AAL11. AAL11 does not reply.                                                                                                                                                                                  |
| 1214:33 UTC | Sector 46 attempts contact with AAL11. AAL11 does not reply.                                                                                                                                                                                  |
| 1214:45 UTC | Sector 46 advises Sector 38 AAL11 was turned 20 degrees right, is NORDO and is possibly climbing to FL290 only.                                                                                                                               |
| 1215:13 UTC | Sector 46 attempts contact with AAL11. AAL11 does not reply.                                                                                                                                                                                  |
| 1215:22 UTC | Sector 46 instructs AAL11 to ident if the aircraft can hear ZBW. AAL11 does not reply. No ident is received from the aircraft.                                                                                                                |
| 1216:32 UTC | Sector 46 attempts contact with AAL11. AAL11 does not reply.                                                                                                                                                                                  |
| 1217:05 UTC | Sector 46 attempts contact with AAL11. AAL11 does not reply.                                                                                                                                                                                  |
| 1217:56 UTC | Sector 46 instructs AAL11 to ident if the aircraft can hear ZBW. AAL11 does not reply. No ident is received from the aircraft.                                                                                                                |
| 1218:56 UTC | Sector 46 attempts contact with AAL11. AAL11 does not reply.                                                                                                                                                                                  |
| 1219:00 UTC | Area B OS attempts to contact AAL11 through SFO ARINC.                                                                                                                                                                                        |
| 1220:07 UTC | Sector 46 attempts contact with AAL11. AAL11 does not reply.                                                                                                                                                                                  |
| 1220:48 UTC | Last radar hit on AAL11 squawking discrete beacon code. All further radar data is primary only. Sector 46 advises the Area C OS that AAL is NORDO and no transponder. Area C OS coordinates updated information concerning AAL11 with Area B. |
| 1222:27 UTC | Sector 46 attempts contact with AAL11. AAL11 does not reply.                                                                                                                                                                                  |
| 1224:38 UTC | Transmission on frequency from hijacker.                                                                                                                                                                                                      |
| 1224:46 UTC | Sector 46 requests if someone is calling ZBW.                                                                                                                                                                                                 |
| 1224:53 UTC | Sector 46 request if AAL11 is trying to call ZBW.                                                                                                                                                                                             |
| 1224:57 UTC | Transmission on frequency from hijacker. Area C OS advises the OMIC and Area B that AAL11 is possibly being hijacked.                                                                                                                         |
| 1227:50 UTC | ZBW STMC contacts Central Flow East Position regarding AAL11 and advises of a possible hijack situation.                                                                                                                                      |
| 1229:01 UTC | ZBW STMC with Central Flow East Position conferences with ZNY and ZOB TMU regarding AAL11.                                                                                                                                                    |
| 1230:13 UTC | Time stamp on phone records indicates OMIC contacts ROC regarding AAL11.                                                                                                                                                                      |
| 1233:59 UTC | Transmission on frequency from hijacker.                                                                                                                                                                                                      |
| 1234:32 UTC | ZBW STMC contacts CAPE Approach and requests coordination with OTIS AFB regarding a military aircraft scramble regarding AAL11.                                                                                                               |
| 1237:54 UTC | ZBW MOS contacts NEADS requesting a military aircraft scramble regarding AAL11.                                                                                                                                                               |
| 1240:02 UTC | ZBW STMC contacts Central Flow East Position and requests a conference with N90 regarding AAL11.                                                                                                                                              |



1253:39 UTC

CAPE APPROACH contacts Sector 18 and advises PANTA45 (military scramble aircraft) has departed and is out of 5,000 feet. Sector 18 approves PANTA45 climbing to FL290.

1253:59 UTC

Sector 18 advises CAPE APPROACH PANTA45 is radar contact.

1255:11 UTC

PANTA45 reports on Sector 18 frequency climbing to FL290.

1303:55 UTC

ZBW TMU advises internal facilities to ground stop all traffic.

1311:02 UTC

ZBW CPC's advise all aircraft to increase cockpit security

1327:00 UTC

ZBW TMU advises internal facilities to ground stop all IFR and VFR traffic.

1342:20 UTC

ZBW CPC's advise all military aircraft in training to RTB.

1349:00 UTC

ZBW TMU advises internal facilities and ZBW control positions that all airborne aircraft must land as soon as possible.

Rusty Baird  
Support Specialist  
Quality Assurance

---

Dist: ZBW-2/1

13<sup>45</sup><sup>55</sup> - ATCSCC advises to shortcut airborne flights.



U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

# Route Slip

To: **Jeff Myers**  
**Air Traffic Investigations Division,**  
**AAT-200**

Date: October 8, 2003

Subject: **Transcript Request from the National Commission on Terrorist Attacks  
Upon the United States**

Action: ☒ Per Your Request    ☐ Discuss with Me    ☐ Take Appropriate Action  
☐ For Your Information    ☐ For Your Approval    ☐ Please Answer  
☐ Per Our Conversation    ☐ For your Signature    ☐ Prepare Reply for:  
☐ Note and Return    ☐ Comment

Remarks:

Enclosed is the transcript pertaining to Boston ARTCC Cape Sector, Sector 18,  
Radar Position, for the time period on September 11, 2001, requested by the  
National Commission on Terrorist Attacks Upon the United States.

  
Karen L. Goff  
Quality Assurance Technician  
ZBW-505.2

Phone (603) 879-6807

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Enclosure

49

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U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

# Memorandum

Subject: **INFORMATION:** Full Transcript Request for the  
National Commission on Terrorist Attacks Upon  
the United States

Date: October 7, 2003

Reply To  
Attn of:

From: Boston ARTCC

To: National Commission on Terrorist Attacks Upon  
the United States

This transcription covers the Boston ARTCC Cape Sector, Sector 18, Radar Position, for the time period from September 11, 2001, 1254 UTC to September 11, 2001, 1330 UTC.

## Agencies Making Transmissions

Boston ARTCC Cape/Nantucket Sector Radar Position  
Coast Guard Flight 2121  
Unknown  
American Air Lines Flight 1971  
Southwest Airlines Flight 510  
Fleet Area Control and Surveillance Facility Virginia Capes  
Northeast Air Defense Sector  
Providence Terminal Radar Approach Control  
AMR American Eagle Flight 969  
Boston ARTCC Erick Sector Radar Position  
United States Military Flight MAINE85  
Cape Terminal Radar Approach Control  
United States Military Flight PANTA45  
AMR American Eagle Flight 940  
US Air Flight 2847  
N91ML  
Air France Flight 022  
United States Military Flight JEEP1  
Moncton Centre Digby Sector  
American Air Lines Flight 115  
US Air Flight 1168  
New York ARTCC Kennedy Sector  
N309G  
United States Military Flight MADDOG1  
N981AR  
Boston ARTCC Boston Sector Radar Associate Position  
Moncton Centre St. John High Sector

## Abbreviations

18R  
C2121  
UNK  
AAL1971  
SWA510  
GKILLER  
HUNTRESS  
PVD  
EGF969  
33R  
MAINE85  
K90  
PANTA45  
EGF940  
USA2847  
N91ML  
AFR022  
JEEP1  
DIGBY  
AAL115  
USA1168  
ZNY56  
N309G  
MADDOG1  
N981AR  
46RA  
ZQM YSJ

Colgan Air Flight 5941  
New York ARTCC Manta Sector  
Moncton Centre Yarmouth Sector  
Airtours International Flight 025 (Kestrel)  
Bangladesh Biman Flight 011

CJC5941  
ZNY66  
ZQM YQI  
AIH025  
BBC011

I hereby certify that the following is a true transcription of the recorded conversations pertaining to Boston ARTCC Cape Sector, Sector 18, Radar Position, for the time period on September 11, 2001, requested by the National Commission on Terrorist Attacks Upon the United States:

  
Karen L. Goff  
Quality Assurance Technician  
Boston ARTCC

|         |       |                                                                                      |
|---------|-------|--------------------------------------------------------------------------------------|
| 1245:00 | 18R   | change to my frequency one three three point four five                               |
| 1245:09 | C2121 | one three three point four five two one two one                                      |
| 1245:13 | 18R   | southwest five ten climb maintain flight level one niner zero                        |
| 1245:16 | 18R   | *(southwest five ten) up to flight level one nine zero                               |
| 1245:20 | C2121 | boston center coast guard two one two one checkin in one three three point four five |
| 1245:23 | 18R   | coast guard two one two one roger                                                    |
| 1246    |       |                                                                                      |
| 1246:08 | UNK   | (unintelligible)                                                                     |
| 1246:17 | 18R   | american nineteen seventy one contact new york center one three two point one five   |

|         |          |                                                                                                                |
|---------|----------|----------------------------------------------------------------------------------------------------------------|
| 1246:22 | AAL1971  | *(okay) boston american nineteen seventy one three two one five                                                |
| 1246:32 | 18R      | southwest five ten climb maintain level two zero zero                                                          |
| 1246:35 | SWA510   | *(southwest) five ten flight level two zero zero                                                               |
| 1247    |          |                                                                                                                |
| 1247:38 | 18R      | southwest five ten climb maintain flight level two four zero                                                   |
| 1247:42 | GKILLER  | hampton giant killer fifty nine line                                                                           |
| 1247:44 | SWA510   | *(southwest) five ten flight level two four zero                                                               |
| 1247:59 | UNK      | say again initials                                                                                             |
| 1248    |          |                                                                                                                |
| 1248:29 | HUNTRESS | boston cape sector huntress mode three request                                                                 |
| 1248:32 | PVD      | erick providence we're out of ten with that november three eight alpha *(echo)                                 |
| 1248:46 | GKILLER  | sardi giant killer fifty nine line activating one o five                                                       |
| 1249    |          |                                                                                                                |
| 1249:01 | 18R      | southwest five ten climb maintain flight level two four zero contact boston center one two four point five two |
| 1249:07 | SWA510   | southwest five ten flight level two four zero good day                                                         |
| 1249:08 | GKILLER  | cape giant killer fifty nine line                                                                              |
| 1249:16 | 18R      | eagle flight nine sixty nine boston                                                                            |
| 1249:18 | EGF969   | this is nine sixty nine go ahead                                                                               |

|         |          |                                                                                        |
|---------|----------|----------------------------------------------------------------------------------------|
| 1249:22 | 33R      | erick                                                                                  |
| 1249:23 | 18R      | uh cape point out climbing eagle nine sixty nine<br>(unintelligible)                   |
| 1249:25 | EGF969   | boston eagle flight nine sixty nine go ahead                                           |
| 1249:27 | 33R      | approved                                                                               |
| 1249:28 | 18R      | eagle flight nine sixty nine boston center one three uh one<br>two four point five two |
| 1249:32 | EGF969   | one two four point five two eagle flight nine sixty nine                               |
| 1250    |          |                                                                                        |
| 1251    |          |                                                                                        |
| 1251:13 | GKILLER  | cape giant killer fifty nine line *(activate)                                          |
| 1252    |          |                                                                                        |
| 1252:04 | MAINE85  | radio *(maine eight five) (unintelligible)                                             |
| 1252:29 | MAINE85  | maine eight five *(fifty) five clear                                                   |
| 1253    |          |                                                                                        |
| 1253:01 | MAINE85  | maine eight uh five is seventy miles northeast of boston                               |
| 1253:14 | MAINE85  | maine eight five radio check on two four three decimal zero                            |
| 1253:23 | MAINE85  | five clear (unintelligible)                                                            |
| 1253:29 | MAINE85  | (unintelligible)                                                                       |
| 1253:38 | K90      | (unintelligible) cape twenty one line                                                  |
| 1253:46 | HUNTRESS | cape sector huntress on the eighty nine line reference for<br>active air               |

|         |          |                                                                                                                                        |
|---------|----------|----------------------------------------------------------------------------------------------------------------------------------------|
| 1253:51 | 18R      | cape go ahead                                                                                                                          |
| 1253:53 | HUNTRESS | uh yes sir re reference of an active air the heading that we gave him on i guess is a bad heading now actually he's now south of j f k |
| 1253:59 | 18R      | you gave a heading to who                                                                                                              |
| 1254:00 | HUNTRESS | uh that target we're going against---the hijack                                                                                        |
| 1254:04 | 18R      | yes                                                                                                                                    |
| 1254:05 | HUNTRESS | c can you uh direct the uh panta flight towards that now                                                                               |
| 1254:08 | 18R      | uh if i'm talkin to him i don't know where that target i don't even see the target at all but (unintelligible)                         |
| 1254:12 | HUNTRESS | yeah i uh guess we just talked to uh scroggins there at the t m u and he said he's south of j f k now                                  |
| 1254:17 | 18R      | okay                                                                                                                                   |
| 1254:18 | HUNTRESS | we we want to get him headed in that direction (unintelligible)                                                                        |
| 1254:19 | 18R      | i'll do that                                                                                                                           |
| 1254:21 | HUNTRESS | alright thanks                                                                                                                         |
| 1254:25 | UNK      | *(boston)                                                                                                                              |
| 1254:26 | PANTA45  | boston center panta four five with you out of thirteen five for two nine o                                                             |



|         |         |                                                                                                                        |
|---------|---------|------------------------------------------------------------------------------------------------------------------------|
| 1254:39 | PANTA45 | boston center panta four five                                                                                          |
| 1254:53 | PANTA45 | boston center panta four five                                                                                          |
| 1254:57 | 18R     | panta four five go ahead                                                                                               |
| 1254:59 | PANTA45 | *(panta) with ya out of seventeen for two nine o                                                                       |
| 1255:01 | 18R     | panta four five roger fly heading of two six zero                                                                      |
| 1255:04 | PANTA45 | *(two) six zero on the heading panta *(four)                                                                           |
| 1255:06 | 18R     | maintain block two niner zero                                                                                          |
| 1255:09 | UNK     | (unintelligible)                                                                                                       |
| 1255:11 | PANTA45 | six zero on the heading climbing to flight level two nine zero<br>panta four five                                      |
| 1255:14 | 18R     | uh panta four five boston                                                                                              |
| 1255:19 | 18R     | panta four five boston                                                                                                 |
| 1255:21 | PANTA45 | go ahead panta                                                                                                         |
| 1255:22 | 18R     | okay i understand you're goin out to look for american<br>eleven is that correct                                       |
| 1255:26 | PANTA45 | affirmative                                                                                                            |
| 1255:27 | 18R     | okay i just got information that the aircraft has been uh<br>crashed into the world trade center so i'm not quite sure |

what your intentions are if you're still going to head that way  
or you may want to talk to uh your operations

|         |         |                                                                                           |
|---------|---------|-------------------------------------------------------------------------------------------|
| 1255:38 | PANTA45 | *(okay) we're going to go over and talk to huntress right now                             |
| 1255:43 | PANTA45 | okay with you                                                                             |
| 1255:57 | PANTA45 | (unintelligible) panta four five (unintelligible)                                         |
| 1256    |         |                                                                                           |
| 1256:22 | UNK     | nantucket thirty two                                                                      |
| 1256:39 | EGF940  | center eagle uh nine forty is with you out of eleven for one<br>four thousand             |
| 1256:42 | 18R     | eagle flight nine forty roger climb maintain sixteen one six<br>thousand                  |
| 1256:46 | EGF940  | one six thousand eagle nine forty and uh any chance of<br>getting higher along this route |
| 1256:52 | 18R     | alright what altitude are you requesting                                                  |
| 1256:54 | EGF940  | (unintelligible) uh say two eight o                                                       |
| 1256:58 | 18R     | uh roger climb maintain level two eight zero eagle nine eagle<br>flight nine forty        |
| 1257:02 | EGF940  | two eight o eagle nine forty                                                              |
| 1257:22 | USA2847 | boston u s air twenty eight forty seven out of eight for one<br>four thousand             |
| 1257:26 | 18R     | u s air twenty eight forty seven uh roger (unintelligible)                                |

|         |         |                                                                                      |
|---------|---------|--------------------------------------------------------------------------------------|
| 1257:44 | N91ML   | center november nine one mike lima flight level two nine zero                        |
| 1257:50 | 18R     | (unintelligible) roger air france zero two two boston                                |
| 1258:00 | AFR022  | uh boston center air france uh zero two two heavy good morning level three nine zero |
| 1258:05 | 18R     | air france zero two two boston center roger                                          |
| 1258:31 | 18R     | panta four five boston                                                               |
| 1258:45 | 18R     | panta four five boston                                                               |
| 1258:51 | 18R     | eagle flight nine forty fly heading now of uh two one zero                           |
| 1258:56 | EGF940  | two one zero eagle nine forty                                                        |
| 1258:56 | PANTA45 | (unintelligible) four five boston calling                                            |
| 1259:00 | 18R     | panta four five boston                                                               |
| 1259:08 | UNK     | (unintelligible) check                                                               |
| 1259:11 | JEEP1   | boston jeep checking in at level one zero thousand                                   |
| 1259:15 | 18R     | jeep one roger climb maintain uh block two one zero two three zero                   |
| 1259:19 | JEEP1   | jeep for the block                                                                   |
| 1259:34 | DIGBY   | nantucket digby thirty two handoff for kanni                                         |

|         |         |                                                                            |
|---------|---------|----------------------------------------------------------------------------|
| 1259:57 | 18R     | u s twenty eight forty seven boston                                        |
| 1259:58 | DIGBY   | nantucket digby on thirty two handoff                                      |
| 1300    |         |                                                                            |
| 1300:01 | USA2847 | go ahead                                                                   |
| 1300:02 | 18R     | u s twenty eight forty seven climb maintain level two six zero             |
| 1300:05 | USA2847 | two six zero u s air twenty eight forty seven                              |
| 1300:10 | 18R     | eagle flight nine forty direct sandy point now                             |
| 1300:13 | EGF940  | sandy point eagle nine forty                                               |
| 1300:15 | DIGBY   | nantucket digby can i keep em coming                                       |
| 1300:28 | DIGBY   | okay nantucket i'm spinnin american                                        |
| 1300:38 | UNK     | callin (unintelligible)                                                    |
| 1300:42 | PANTA45 | boston center panta four five                                              |
| 1300:45 | 18R     | alright panta four five go ahead                                           |
| 1300:49 | PANTA45 | (unintelligible)                                                           |
| 1300:52 | 18R     | okay you're breaking up panta four five uh uh go ahead uh try again please |
| 1301    |         |                                                                            |
| 1301:01 | AAL115  | boston american one one five level *(two) (unintelligible)                 |

|         |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1301:03 | USA1168 | *(boston u s) air eleven sixty eight is out of one one eleven thousand for one four fourteen thousand                                                                                                                                                                                                                                                                                                                                                                                                |
| 1301:07 | 18R     | u s air eleven sixty eight uh climb maintain flight level two eight zero                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 1301:11 | USA1168 | two eight o u s eleven sixty eight thank you                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1301:14 | 18R     | panta four five you're breaking up uh try it again                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 1301:17 | PANTA45 | (unintelligible) proceeding our present heading of two five zero for about a hundred miles and uh huntress wants us to hold uh just south of long island to see if we can get anymore *(assistance)                                                                                                                                                                                                                                                                                                  |
| 1301:26 | 18R     | okay that's fine uh you are heading into the warning area so um um if you want—if you can't contact me you can go to um giant killer on three three eight point one let them know or come up on boston centers frequency of uh two five nine point one two five nine point one actually go two five nine point one first and then at the same time you can contact three three eight point one huntress and uh giant killer let their intentions *(please) cause you're going through their airspace |
| 1301:44 | ZNY56   | hampton kennedy thirty nine                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 1301:56 | PANTA45 | okay i'll do all that thanks                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1301:58 | 18R     | u s air twenty eight forty seven direct to sandy point                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 1302    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 1302:01 | USA2847 | direct sandy point twenty eight forty seven                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 1302:10 | UNK     | (unintelligible)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

|                 |        |                                                                                                                        |
|-----------------|--------|------------------------------------------------------------------------------------------------------------------------|
| 1302:12         | AAL115 | boston center american one one five level two eight o                                                                  |
| 1302:15         | 18R    | american one fifteen boston center roger                                                                               |
| 1302:21         | C2121  | boston center coast guard two one two one                                                                              |
| 1302:22         | 18R    | coast guard two one two one boston go ahead                                                                            |
| 1302:26         | C2121  | roger sir we're going to begin our descent at this time eh we will be calling in approximately one point uh three zero |
| 1302:31         | 18R    | coast guard two one two one that's approved and your clear this frequency                                              |
| 1302:34         | C2121  | roger coast guard two one two one                                                                                      |
| 1302:51         | 18R    | jeep one flight contact uh giant killer three three eight point one                                                    |
| 1302:57         | JEEP1  | jeep copies push seven good day                                                                                        |
| 1303<br>1303:29 | N309G  | boston good morning hawker three o nine golf with ya one nine o                                                        |
| 1303:33         | 18R    | hawker three nine golf roger verify clearance of one five thousand                                                     |
| 1303:37         | N309G  | uh no but we will do that we're out of one nine o for one five thousand three o nine golf                              |
| 1303:42         | 18R    | roger                                                                                                                  |
| 1303:47         | UNK    | (unintelligible) level ten                                                                                             |

|         |         |                                                                                                                                                 |
|---------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| 1304    |         |                                                                                                                                                 |
| 1304:50 | 18R     | u s air eleven sixty eight direct sandy point                                                                                                   |
| 1304:53 | USA1168 | direct to sandy point u s air eleven sixty eight thanks                                                                                         |
| 1304:56 | 18R     | maddog one boston                                                                                                                               |
| 1304:58 | MADDOG1 | maddog is level at ten thousand (unintelligible)                                                                                                |
| 1304:59 | 18R     | okay climb maintain block two one zero through two three zero squawk code five five two four please                                             |
| 1305:10 | 18R     | maddog one squawk code five five fifty five twenty four maintain two one zero through flight level two three zero                               |
| 1305:17 | MADDOG1 | (unintelligible) twenty four (unintelligible) two three o squawk (unintelligible)                                                               |
| 1305:21 | 18R     | okay your radio is breaking up your transponder is not working squawk fifty five twenty four maintain two one zero to two three zero maddog one |
| 1305:35 | 18R     | and are you a flight of two maddog one or a single ship                                                                                         |
| 1305:39 | MADDOG1 | maddog is a flight of two with dragon flight of two flight of four total                                                                        |
| 1305:43 | 18R     | okay i have your ident thank you                                                                                                                |
| 1305:50 | 18R     | five uh three zero nine golf descend maintain eleven one one thousand now                                                                       |
| 1305:56 | N309G   | down to eleven zero nine golf                                                                                                                   |

|         |         |                                                                                                  |
|---------|---------|--------------------------------------------------------------------------------------------------|
| 1306    |         |                                                                                                  |
| 1306:23 | N981AR  | nine eight one alpha romeo is with you out of nineteen for one five thousand                     |
| 1306:30 | 18R     | uh okay i'm sorry who was that                                                                   |
| 1306:32 | N981AR  | nine eight one alpha romeo sir                                                                   |
| 1306:35 | 18R     | nine eight one alpha romeo roger                                                                 |
| 1306:43 | 18R     | eagle flight nine forty contact boston center one two four point five two                        |
| 1306:48 | EGF940  | twenty four fifty two eagle nine—forty                                                           |
| 1306:53 | N91ML   | uh center citation nine one mike lima could you provide a uh flight watch frequency in this area |
| 1306:59 | 18R     | who was that                                                                                     |
| 1307    |         |                                                                                                  |
| 1307:01 | N91ML   | uh citation nine one mike lima                                                                   |
| 1307:05 | 18R     | uh let me uh check if i have one available standby please                                        |
| 1307:10 | 18R     | maddog one contact giant killer three three eight point one                                      |
| 1307:14 | MADDOG1 | (unintelligible) push seven                                                                      |
| 1307:40 | MAINE85 | boston center maine eight five                                                                   |
| 1307:43 | 18R     | air france three uh zero two two uh boston                                                       |



|         |         |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1307:48 | AFR022  | air france zero two two go ahead                                                                                                                                                                                                                                                                                                                                                                                                              |
| 1307:50 | 18R     | okay you stand by one american eleven fif american one fifteen this is the information is for you when your both ready to listen on this j f k arrivals                                                                                                                                                                                                                                                                                       |
| 1307:59 | AFR022  | (unintelligible) air france one two two                                                                                                                                                                                                                                                                                                                                                                                                       |
| 1308:01 | MAINE85 | maine eight five                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 1308:03 | 18R     | air france zero two two can you stand by american one fifteen boston how do you read                                                                                                                                                                                                                                                                                                                                                          |
| 1308:06 | AAL115  | american one fifteen go ahead                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 1308:08 | 18R     | okay there's some incidents going happening in new york city uh right now with the uh aircraft uh was uh crashed uh two aircraft crashed into the world trade center so therefore they are not accepting inbound into uh j f k at this time so both air france twenty two and american one fifteen you're gonna have to uh make uh other uh i guess plans right now because uh you're not going to be able to get into j f k at the this time |
| 1308:32 | AAL115  | okay american one fifteen copy will get with dispatch and see what they want is to do                                                                                                                                                                                                                                                                                                                                                         |
| 1308:36 | 18R     | air france zero two two did you copy that                                                                                                                                                                                                                                                                                                                                                                                                     |
| 1308:39 | AFR022  | *(can you say again) air france zero two two                                                                                                                                                                                                                                                                                                                                                                                                  |
| 1308:42 | 18R     | air france zero two two they are not accepting arrivals into the j f k airport due to a uh incident in new york city so you're going to have to make some other uh plans at this time or uh another place to uh---to go i guess                                                                                                                                                                                                               |

|         |          |                                                                                                                                                                                                                                                                               |
|---------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1308:59 | 18R      | u s air twenty eight forty seven boston center one two four point five two                                                                                                                                                                                                    |
| 1309:04 | USA2847  | twenty four fifty two *(u s air twenty eight forty seven)                                                                                                                                                                                                                     |
| 1309:06 | AFR022   | (unintelligible) air france zero two two how long is the delay                                                                                                                                                                                                                |
| 1309:08 | 18R      | two aircraft have crashed into the world trade center it it can be probably a significant period of time due to damage or whatever is happening in the new york *(city) at this time it's a a major uh incident at this time so it could be a long time may not be even today |
| 1309:27 | AFR022   | okay thank you air france zero two two                                                                                                                                                                                                                                        |
| 1309:30 | UNK      | center you think that will affect teterboro also                                                                                                                                                                                                                              |
| 1309:32 | 18R      | uh i don't know let me get back to you on that uh i'll get right back to you                                                                                                                                                                                                  |
| 1309:36 | UNK      | alright good luck                                                                                                                                                                                                                                                             |
| 1309:37 | MAINE85  | center maine eight five                                                                                                                                                                                                                                                       |
| 1309:39 | 18R      | maine eight five go ahead                                                                                                                                                                                                                                                     |
| 1309:41 | MAINE85  | yes sir checking in with you three one zero we'd like descent of two four zero at this time                                                                                                                                                                                   |
| 1309:45 | 18R      | okay can't do it due to traffic stand by                                                                                                                                                                                                                                      |
| 1309:48 | MAINE 85 | maine eight five thanks                                                                                                                                                                                                                                                       |

|         |         |                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1309:50 | 18R     | maine eight five uh if you want the descent turn uh twenty degrees left                                                                                                                                                                                                                                                                                                                                     |
| 1309:54 | MAINE85 | twenty degrees left now maine eight five                                                                                                                                                                                                                                                                                                                                                                    |
| 1310    |         |                                                                                                                                                                                                                                                                                                                                                                                                             |
| 1310:06 | 18R     | three zero nine golf contact cape approach on one three three point uh seven five                                                                                                                                                                                                                                                                                                                           |
| 1310:11 | N309G   | okay thirty three seventy five take it easy                                                                                                                                                                                                                                                                                                                                                                 |
| 1310:13 | 18R     | u s air twenty eight forty seven boston center one two four point five two                                                                                                                                                                                                                                                                                                                                  |
| 1310:19 | 18R     | u s air eleven sixty eight contact boston one two four point five two                                                                                                                                                                                                                                                                                                                                       |
| 1310:27 | 18R     | okay i guess the word is that uh anything that's away from new york city that probably include newark teterboro laguardia i'm not quite sure about this but i'm saying i guess i'm told that uh you should go someplace other than kennedy—okay i'm sorry right now the word is you can't get into kennedy i'm checking on teterboro american one fifteen stand by for that                                 |
| 1311    |         |                                                                                                                                                                                                                                                                                                                                                                                                             |
| 1311:06 | USA1168 | (unintelligible) u s air eleven sixty eight we copied twenty four fifty two good day sir                                                                                                                                                                                                                                                                                                                    |
| 1311:18 | 18R     | okay the aircraft that are on this frequency uh there's not many right now but there has been two hijacks today and uh i'm told to have uh increased security at your airlines uh their not accepting any arrivals into j f k security on your cockpits today i and uh you you can't into j f k right now i'm checking teterboro but uh if a there is an alternate other than that you may want to go there |
| 1311:42 | MAINE85 | boston maine eight five has the u s in sight off the right side                                                                                                                                                                                                                                                                                                                                             |

|         |         |                                                                                                                                     |
|---------|---------|-------------------------------------------------------------------------------------------------------------------------------------|
| 1311:45 | 18R     | maine eight five say again                                                                                                          |
| 1311:47 | MAINE85 | we have the traffic in sight                                                                                                        |
| 1311:49 | 18R     | yeah maine eight five descend and maintain flight level two<br>niner zero                                                           |
| 1311:51 | MAINE85 | that's three one to two nine zero maine eight five                                                                                  |
| 1311:59 | N981AR  | and uh i know your busy sir but do you have lower for alpha<br>romeo                                                                |
| 1312:03 | 18R     | yep i'm sorry uh eight one alpha romeo descend and<br>maintain one one thousand                                                     |
| 1312:09 | N981AR  | down to one one thousand thank you sir                                                                                              |
| 1312:14 | 18R     | u s air eleven sixty eight boston                                                                                                   |
| 1312:19 | 18R     | not that i'm busy it's just kind of a shock cause *(of the) city<br>in shock actually                                               |
| 1312:34 | 18R     | maine eight five descend and maintain flight level two four<br>zero and contact giant killer now on one three five point two<br>two |
| 1312:43 | MAINE85 | (unintelligible) two five seven point two two                                                                                       |
| 1312:46 | 18R     | *(no) it's uh one three five point two two and descend and<br>maintain flight level two four zero maine eight five                  |
| 1312:52 | MAINE85 | three five decimal two two down to two four zero thanks for<br>your help                                                            |

|         |         |                                                                                                                                                                                                                                                                                                                                                                      |
|---------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1312:52 | GKILLER | hampton (unintelligible) hampton giant killer on line (unintelligible)                                                                                                                                                                                                                                                                                               |
| 1312:55 | 18R     | good day uh nine eight one alpha romeo contact uh cape approach on one one eight point two                                                                                                                                                                                                                                                                           |
| 1313:03 | N981AR  | eighteen two sir have a try to have a good one                                                                                                                                                                                                                                                                                                                       |
| 1313:06 | 18R     | thank you air france twenty two do you have a uh alternate in uh plans at this time                                                                                                                                                                                                                                                                                  |
| 1313:11 | AFR022  | okay we'll try uh newark if possible                                                                                                                                                                                                                                                                                                                                 |
| 1313:14 | GKILLER | hampton giant killer fifty nine line (unintelligible)                                                                                                                                                                                                                                                                                                                |
| 1313:15 | 18R     | uh alright i'll have to check on that one                                                                                                                                                                                                                                                                                                                            |
| 1313:25 | AAL115  | uh boston american two o one                                                                                                                                                                                                                                                                                                                                         |
| 1313:31 | 18R     | okay amer air france twenty two newark is a definite unable you cannot go to newark it will have to be something other than that pre preferably any place away from the kennedy area probably not laguardia not newark not j f k and i don't think teterboro would probably be included in that i think you's have to somewhere away from new york city at this time |
| 1313:49 | AFR022  | okay i'll call my company i can call you back in uh five minutes                                                                                                                                                                                                                                                                                                     |
| 1313:54 | 18R     | uh yep no problem uh just maintain that heading air france twenty two and let me know as soon as you can please of your intentions                                                                                                                                                                                                                                   |
| 1314:04 | AFR022  | say we maintain this heading and i'll call you back                                                                                                                                                                                                                                                                                                                  |

|         |         |                                                                                                                                                                                                                                                                                |
|---------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1314:07 | 18R     | and american one fifteen boston i haven't gotten a n no or answer yet on teterboro um right now if you want just maintain your heading i have a no on newark and uh i'll get right back to you on teterboro                                                                    |
| 1314:18 | GKILLER | cape giant killer fifty nine line reference maine eight five                                                                                                                                                                                                                   |
| 1314:20 | AFR022  | boston uh (unintelligible) city                                                                                                                                                                                                                                                |
| 1314:22 | 18R     | okay i was talking to the other aircraft american one fifteen boston how do you read                                                                                                                                                                                           |
| 1314:26 | AAL115  | uh we're loud and clear we'd like to divert to uh boston please                                                                                                                                                                                                                |
| 1314:29 | 18R     | okay american one fifteen you are now cleared to the boston airport via uh fly heading of uh three one five when able direct scupp direct boston american one fifteen and descend uh pilots discretion to cross scupp at one one thousand boston altimeter three zero zero six |
| 1314:46 | AAL115  | okay thirty o six its uh three fifteen heading scupp uh to uh boston is that uh at sierra charlie uniform papa papa                                                                                                                                                            |
| 1314:54 | 18R     | yeah sierra charlie uniform papa papa direct scupp direct boston cross scupp at one one thousand american one fifteen                                                                                                                                                          |
| 1315:03 | 18R     | alright direct scupp we'll cross at one one thousand we're descending now american one fifteen                                                                                                                                                                                 |
| 1315:26 | GKILLER | hampton giant killer fifty nine line                                                                                                                                                                                                                                           |
| 1315:48 | UNK     | providence                                                                                                                                                                                                                                                                     |

|                 |         |                                                                                                                                                                                                        |
|-----------------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1316            |         |                                                                                                                                                                                                        |
| 1316:50         | 46RA    | forty six                                                                                                                                                                                              |
| 1316:51         | 18R     | this is uh nantucket the air france twenty two hasn't decided where he's gonna go yet he'll let you know in about four or five minutes (unintelligible) his present heading right now                  |
| 1316:59         | 46RA    | alright                                                                                                                                                                                                |
| 1317:00         | 18R     | i told him that he can't go to teterboro newark and j f k so                                                                                                                                           |
| 1317:02         | 46RA    | okay                                                                                                                                                                                                   |
| 1317:05         | 18R     | american one fifteen contact boston center one two eight point two                                                                                                                                     |
| 1317:09         | AAL115  | twenty eight two american one fifteen                                                                                                                                                                  |
| 1317:11         | 18R     | air france twenty two boston                                                                                                                                                                           |
| 1317:13         | AFR022  | *(okay) go ahead                                                                                                                                                                                       |
| 1317:14         | 18R     | yeah contact boston now on one two seven point eight two and advise the controller please of your alternate right now (unintelligible) and go to one two seven point eight two air france zero two two |
| 1317:21         | GKILLER | hampton giant killer fifty nine line reference panta four five                                                                                                                                         |
| 1317:27         | AFR022  | a one two seven eight two you maintain this heading bye bye                                                                                                                                            |
| 1317:36<br>1318 | ZQM YSJ | augusta saint john on the five eight (unintelligible)                                                                                                                                                  |

|         |         |                                                                                           |
|---------|---------|-------------------------------------------------------------------------------------------|
| 1319    |         |                                                                                           |
| 1319:13 | 18R     | uh cape nantucket                                                                         |
| 1319:14 | UNK     | colgan fifty nine forty one is your control for turns                                     |
| 1319:17 | 18R     | alright thank you                                                                         |
| 1319:17 | UNK     | (unintelligible)                                                                          |
| 1319:46 | CJC5941 | morning boston colgan fifty nine forty one checking in with<br>ya level one five thousand |
| 1319:51 | 18R     | *(colgan fifty) nine four one roger                                                       |
| 1319:55 | GKILLER | cape giant killer fifty nine line                                                         |
| 1319:58 | 18R     | cape go                                                                                   |
| 1319:59 | GKILLER | uh yeah you gonna have jeep one and maddog one and<br>maine all coming back               |
| 1320:03 | 18R     | all coming back                                                                           |
| 1320:04 | GKILLER | yeah                                                                                      |
| 1320:05 | 18R     | alright at the same time here                                                             |
| 1320:06 | GKILLER | uh we'll we'll we'll sequence them all nice for ya but just to<br>give you a heads up     |
| 1320:09 | 18R     | (unintelligible) alright thanks                                                           |



|         |         |                                                                                                                  |
|---------|---------|------------------------------------------------------------------------------------------------------------------|
| 1320:11 | GKILLER | (unintelligible)                                                                                                 |
| 1320:31 | GKILLER | cape giant killer fifty nine                                                                                     |
| 1321    |         |                                                                                                                  |
| 1322    |         |                                                                                                                  |
| 1322:29 | 18R     | giant killer cape fifty nine line                                                                                |
| 1322:32 | GKILLER | killer                                                                                                           |
| 1322:33 | 18R     | yeah the maine eight five we just got uh word that his new receivers if you want to pass this along to him--okay |
| 1322:41 | GKILLER | okay                                                                                                             |
| 1322:42 | 18R     | there are firk that's f i r k i believe firk three one and three two                                             |
| 1322:46 | GKILLER | okay say again                                                                                                   |
| 1322:48 | 18R     | two (unintelligible) it's firk f i r k three one and three two that are that is his new receivers                |
| 1322:54 | GKILLER | okay thanks bye (unintelligible)                                                                                 |
| 1323    |         |                                                                                                                  |
| 1323:16 | 18R     | yarmouth nantucket thirty two                                                                                    |
| 1323:17 | ZQM YQI | yarmouth                                                                                                         |
| 1323:19 | 18R     | nine one mike lima for you at flight level two niner zero southwest of tusky                                     |
| 1323:22 | ZQM YQI | identified and east of kanni by thirty uh kestrel zero two five and three nine zero                              |

|                 |         |                                                                                                                                                                            |
|-----------------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1323:26         | 18R     | radar contact thanks x o                                                                                                                                                   |
| 1323:28         | ZQM YQI | (unintelligible)                                                                                                                                                           |
| 1323:28         | 18R     | yep                                                                                                                                                                        |
| 1323:29         | GKILLER | cape giant killer fifty nine line                                                                                                                                          |
| 1323:30         | 18R     | cape go                                                                                                                                                                    |
| 1323:31         | GKILLER | yeah currently three three miles south of sandy point on a five five two one is jeep one he's uh level two zero zero or descending from two zero zero to one five thousand |
| 1323:41         | 18R     | okay jeep one is he a single ship or he's a flight of two                                                                                                                  |
| 1323:44         | GKILLER | he's a flight of two                                                                                                                                                       |
| 1323:45         | 18R     | jeep one is radar contact thanks x o                                                                                                                                       |
| 1323:47         | GKILLER | thank you                                                                                                                                                                  |
| 1323:48         | AIH025  | *(boston center) kestrel zero two five eh good morning level three nine zero inbound to nantucket                                                                          |
| 1323:55         | 18R     | kestrel zero two five boston (unintelligible) roger                                                                                                                        |
| 1323:57         | GKILLER | cape fifty nine line (unintelligible)                                                                                                                                      |
| 1324<br>1324:02 | 18R     | november nine one mike lima contact moncton center one three five point two have a good day                                                                                |

|                 |         |                                                                                                                       |
|-----------------|---------|-----------------------------------------------------------------------------------------------------------------------|
| 1324:08         | N91ML   | (unintelligible) twenty five point two mike lima good day                                                             |
| 1324:11         | 18R     | okay that was one three five point two thirty five two                                                                |
| 1324:14         | N91ML   | thirty five two mike lima good day sir thank you                                                                      |
| 1324:17         | 18R     | you're welcome bye                                                                                                    |
| 1324:49         | 18R     | giant killer cape on the fifty nine                                                                                   |
| 1324:51         | GKILLER | killer                                                                                                                |
| 1324:52         | 18R     | ja jeep flight one my control to one one thousand                                                                     |
| 1324:55         | GKILLER | your control                                                                                                          |
| 1324:56         | 18R     | x o                                                                                                                   |
| 1324:57         | GKILLER | (unintelligible)                                                                                                      |
| 1324:58         | 18R     | jeep one flight boston                                                                                                |
| 1325<br>1325:38 | UNK     | (unintelligible)                                                                                                      |
| 1325:42         | JEEP1   | boston center jeep flight of two with you one five thousand direct otis                                               |
| 1325:45         | 18R     | jeep one flight boston center roger descend and maintain one one thousand the otis altimeter is three zero zero three |
| 1325:47         | GKILLER | cape giant killer fifty nine line                                                                                     |

|         |         |                                                                       |
|---------|---------|-----------------------------------------------------------------------|
| 1325:52 | JEEP1   | three zero zero three down to one thousand jeep                       |
| 1325:55 | 18R     | roger that's one one thousand eleven thousand jeep one                |
| 1325:58 | JEEP1   | one one thousand thank you                                            |
| 1326    |         |                                                                       |
| 1326:15 | 18R     | colgan fifty nine forty one you can expect lower here shortly         |
| 1326:18 | CJC5941 | colgan fifty nine forty one                                           |
| 1326:37 | 18R     | colgan fifty nine forty one descend and maintain uh one four thousand |
| 1326:40 | CJC5941 | one four thousand colgan fifty nine forty one                         |
| 1327    |         |                                                                       |
| 1327:18 | 18R     | colgan fifty nine forty one descend and maintain uh one two thousand  |
| 1327:23 | CJC5941 | down to one two thousand colgan fifty nine forty one                  |
| 1327:26 | ZNY66   | hampton manta thirty nine                                             |
| 1327:36 | 18R     | did you call nantucket                                                |
| 1327:39 | ZQM YQI | negative                                                              |
| 1327:40 | 18R     | okay i see the bangladesh zero one one out there if this is yarmouth  |
| 1327:44 | ZQM YQI | that is and he's at three five zero                                   |
| 1327:46 | 18R     | did you no notify him of what's going on at kennedy                   |

|                 |         |                                                                                                                                                                                                                                                                                                  |
|-----------------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1327:49         | ZQM YQI | no i haven't                                                                                                                                                                                                                                                                                     |
| 1327:50         | 18R     | okay alright did you guys get notified as to what's going on at kennedy                                                                                                                                                                                                                          |
| 1327:52         | ZQM YQI | we were just watching it on c n n (unintelligible)                                                                                                                                                                                                                                               |
| 1327:54         | 18R     | i thought you would be okay                                                                                                                                                                                                                                                                      |
| 1327:55         | ZQM YQI | yeah unbelievable                                                                                                                                                                                                                                                                                |
| 1327:56         | 18R     | i know it is bye                                                                                                                                                                                                                                                                                 |
| 1328<br>1328:08 | 18R     | jeep one flight contact uh cape approach on---two four two eighty four point six jeep one                                                                                                                                                                                                        |
| 1328:19         | JEEP1   | two eighty four six thank you sir have a good day                                                                                                                                                                                                                                                |
| 1328:21         | 18R     | roger we'll try                                                                                                                                                                                                                                                                                  |
| 1328:22         | BBC011  | (unintelligible) bangladesh zero one one good morning flight level three five zero                                                                                                                                                                                                               |
| 1328:25         | 18R     | bangladesh zero one one boston center roger good morning i do not know if you've received word about uh j f k or not have you                                                                                                                                                                    |
| 1328:35         | BBC011  | not yet bangladesh zero one one                                                                                                                                                                                                                                                                  |
| 1328:37         | 18R     | okay bangladesh zero one one there have been acts of terrorism as we would believe uh in the uh new york city and their not accepting any aircraft into uh kennedy or the surrounding airports around kennedy at this time and for the foreseeable future it looks unlikely that they will be uh |

suggest you decide on an alternate destination um besides j  
f k

1328:59 BBC011 we copy will call you back bangladesh zero one one

1329:02 18R roger

1329:28 18R (unintelligible) colgan fifty nine forty one descend and  
maintain one one thousand contact cape approach on one  
three three point seven five good day

1329:34 CJC5941 three three seven five and down to one one thousand \*(fifty  
nine) forty one

1329:36 BBC011 uh boston bangladesh zero one one

1329:40 18R bangladesh zero one one go ahead

1329:42 BBC011 (unintelligible) we got the news and uh uh can you suggest  
uh alternate around

1329:47 18R uh i can suggest uh bu boston if you'd like to try that i'm sure  
that would be fine uh the other one around here would be  
bangor uh but that's a little further to the north but boston  
would probably be your best bet

1329:59 BBC011 okay boston uh  
1330

End of Transcript

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

# **-CONFIDENTIAL-**

## **Individuals whom had access to information regarding September 11, 2001:**

1. Robert Jones, ZBW-505
2. Clifford Baird, ZBW-505
3. Kenneth Acker, ZBW-505
4. Karen Goff, ZBW-505
5. Lucius Free, ZBW-17
6. Gary Lavimoniere, ZBW-17
7. Michael Baney, ANE-540
8. Bert Ouellette, ANE-505
9. Mark Olsen, ANE-505
10. Thomas Benson, ANE-505
11. Kevin Bianchi, Area C NATCA
12. Ron Geoffroy, NATCA President ZBW
13. Mike Blake, New England NATCA
14. Heather Hemdal
15. Glenn Michael
16. Kenneth Marr, FBI, see custody forms
17. John Mulvaney, FBI, see custody forms
18. Jimmy Mills, AAT-150
19. Sandra Bogosian, ANE-540
20. Doug Gould, AAT-200
21. Dan Diggins, AAT-200
22. Mary Kate Strawbridge, AAT-200
23. Chris Soucy, AAT-200
24. Tom Morin, NATCA Rep for Peter Zalewski
25. Stephen Roebuck, Interview
26. Richard Beringer, Interview
27. Peter Zalewski, Interview
28. Brazalino Martins, Interview
29. Shirley Kula, Interview
30. David McGlauffin, Interview
31. Glen Poncet, Interview
32. Maria Moran, Interview
33. Michael Royer, Interview
34. Thomas Roberts, Interview
35. William Smith, Interview
36. Scott Johnson, Interview
37. Jonathan Schippani, Interview
38. Donald Larson, Interview
39. Gregory Taccini, Interview
40. Mark O'Neill, Interview
41. Myron Smith, Interview
42. Henry White, Interview
43. Steven Schmalz, Interview
44. Karen Waggoner, Interview
45. Alan Miller, Interview
46. William Dean, Interview
47. John Hartling, Interview
48. Terry Biggio, Interview/Acting ZBW-505
49. Daniel Bueno, Interview
50. Joseph Cooper, Interview
51. Colin Scoggins, Interview
52. Jennifer Donahue, ROC (delivered package to ANE-505)
53. Robert Everhart, NATCA Rep
54. Jeffery Tripp, NATCA Rep
55. Debbie James, ANE-505
56. Bob Locke, ANE-505
57. Bob Cole, ZBW-505
58. Wayne Pierce, AAT-200
59. Jeff Aulbach, NATCA Rep, National Commission on Terrorist Activities  
Upon the United States Interviews
60. Ed deLacy, ZBW-505
61. Geoffrey S. Brown, Research Assistant for National Commission on  
Terrorist Activities Upon the United States
62. Miles L. Kara, Professional Staff Member, National Commission on  
Terrorist Activities Upon the United States
63. John Azzarello, Legal Counsel FAA
64. Chris Poreda, Legal Counsel FAA
65. Amy Corbett, ANE Administrator
66. Carol Cidlevicz, ZBW
67. Jeff Myers, AAT-200
68. Tony Ferrante, AAT-200
69. Larry Doty, ZBW-505



U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

# Memorandum

Subject: **INFORMATION:** Boston ARTCC September 11,  
2001 Documents

Date: October 8, 2003

From: Quality Assurance Specialist, ZBW-505.4

Reply to  
Attn. of:

To: Shirley Miller, ADA-2

Per headquarters request of October 8, 2003, attached are copies of all documents held in the Boston ARTCC Quality Assurance Office pertaining to the events of September 11, 2001. I would like to highlight some of the contents in Wallet 2. Included in Wallet 2 are printed copies of NTAP data on 8.5 x 11 sheets of paper. This may or may not meet your needs. Since there are a number of options and printing formats available regarding NTAP data, please let us know if another format is desired. The SAR tape data is on file and we will gladly create additional printouts specifically for the 9/11 Commission. Included in Wallet 8 is a map with American 11 and United 175 created by our Cartographers Office specifically for the 9/11 Commission which offers a clear representation of routes of flight. If maps similar to this one are needed please do not hesitate to ask.

The following is an inventory of the attachments provided.

## **Wallet Number 1:**

Aircraft Accident Package ZBW-ARTCC-148, AAL11.

## **Wallet Number 2:**

- #1 Preliminary Transcript, Boston ARTCC 46 Radar position dated 9/11/01.
- #2 Preliminary Partial Transcript, Boston ARTCC TMU Severe Weather position dated 9/15/01.
- #3 Preliminary Partial Transcript, Boston ARTCC 47 Radar position dated 9/20/01.
- #4 Radar ViewPoint Plot of AAL11 dated 9/11/01.
- #5 RDP Track Report for AAL11 dated 9/11/01.
- #6 General Information (GI's) notices dated 9/11/01.
- #7 FAA Form 8020-9, Aircraft Accident Preliminary Notice.
- #8 Sign-In/Sign-out Printout for 9/11/01.
- #9 Telephone Selection Detail Report for 9/11/01.
- #10 ATCSCC position 15, Area East Log dated 9/11/01.
- #11 METAR Weather Reports from 9/11/01 for Newark, La Guardia, and Kennedy.
- #12 Chain Of Custody document for ZBW/FBI dated 9/11/01.
- #13 Record of data released from ZBW reference AAL11 and UAL175.



- #14 Fax Transmittal (5 total), Fax Receipt Confirmation pages (3 total), and email communications (2 total), dated 9/11-15/01.
- #15 Quality Assurance Bulletins, dated 9/17/01 and 9/20/01.
- #16 Chain of Custody document for ZBW/FBI dated 9/17/01.
- #17 Email dated 9/17/01 entitled Action Items Remaining Open.
- #18 Fax Receipt Confirmation page dated 9/17/01 with attached NATCA document.
- #19 Email dated 9/17/01 listing involved personnel.
- #20 Fax Transmittal and email dated 9/19/01 regarding ZBW MOS partial transcript.
- #21 Fax Transmittal dated 9/20/01 regarding transcripts and personnel statement.
- #22 Email dated 9/21/01 regarding NTAP's and DART's.
- #23 Email dated 9/21/01 regarding NTSB request for NTAP and DART.
- #24 Memorandum and FedEx Airbill dated 9/26/01 regarding certified re-recordings.
- #25 Email dated 9/26/01 regarding FBI request for certified re-recordings.
- #26 Email 9/26/01 regarding FBI request for certified re-recordings.
- #27 Route Slip dated 10/2/01 and FedEx Airbill regarding certified re-recordings.
- #28 Route Slip dated 10/3/01 and FedEx Airbill regarding certified re-recordings.
- #29 Email dated 10/4/01 regarding FOIA requests.
- #30 Email dated 10/9/01 regarding NTSB & FBI Request.
- #31 Email dated 10/16/01 regarding preparation of accident packages.
- #32 Chain of Custody document for ZBW/FBI dated 10/18/01.
- #33 Email dated 11/20/01 regarding security of accident packages.
- #34 Personnel Statement Tracking Sheet dated 12/18/01.
- #35 Memorandum dated 1/31/02 regarding ZNY accident file.
- #36 Email dated 2/11/02 requesting copies of transcripts.
- #37 Email dated 4/15/02 regarding retention of documents.
- #38 Email dated 4/30/02 regarding release of the accident package.
- #39 Memorandum and Route Slip dated 5/3/02 regarding security of accident packages.
- #40 Fax Transmittal dated 8/28/02 regarding Quality Assurance Bulletin dated 9/20/01 and FAA Form 8020-6 dated 9/21/01.
- #41 Email dated 11/7/02 regarding inventory of AAL11 Accident File.
- #42 Route Slip dated 3/10/03 regarding SAR tapes from 9/11/01.
- #43 Memorandum dated 7/10/03 regarding transcripts requested by the National Commission on Terrorist Activities Upon the United States.
- #44 Memorandum dated 9/4/03 regarding a certified re-recording of Boston ARTCC Sector 18 requested by the National Commission on Terrorist Activities Upon the United States.
- #45 Fax Transmittal dated 9/9/03 regarding a list of operational personnel working on September 11, 2001 at Boston ARTCC.
- #46 Fax Transmittal dated 9/25/03 regarding Quality Assurance Bulletins provided to the National Commission on Terrorist Activities Upon the United States.
- #47 Memorandum dated 9/25/03 regarding inventory of AAL11 Accident File.
- #48 Memorandum dated 9/29/03 regarding documents released to the National Commission on Terrorist Activities Upon the United States on 9/24/03.
- #49 Route Slip dated 10/8/03 regarding transcripts from Boston ARTCC 18 Radar requested by the National Commission on Terrorist Activities Upon the United States.
- #50 Document dated 10/8/03 listing individuals that accessed information regarding 9/11/01.
- #51 Memorandum dated 10/8/03 regarding Headquarters request for copies of all documents pertaining to 9/11/01.
- #52 Boston ARTCC personnel logs for 9/11/01.

CD containing DART/NTAP information from 9/11/01 and information from the Boston ARTCC Flight Data Unit for 9/11-23/01.

**Wallet Number 3:**

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Certified Re-Recordings from September 11, 2001

|                         |      |
|-------------------------|------|
| ZBW-ARTCC-148 (AAL11)   | 05R  |
| ZBW-ARTCC-148 (AAL11)   | 09R  |
| ZBW-ARTCC-148 (AAL11)   | 09RA |
| ZBW-ARTCC-148 (AAL11)   | 10R  |
| ZBW-ARTCC-148 (AAL11)   | 10RA |
| ZBW-ARTCC-148 (AAL11)   | 18R  |
| ZBW-ARTCC-148 (AAL11)   | 18RA |
| ZBW-ARTCC-148 (AAL11)   | 20R  |
| ZBW-ARTCC-148 (AAL11)   | 20RA |
| ZBW-ARTCC-148 (AAL11)   | 21R  |
| ZBW-ARTCC-148 (AAL11)   | 22R  |
| ZBW-ARTCC-148 (AAL11)   | 24R  |
| ZBW-ARTCC-148 (AAL11)   | 31R  |
| ZBW-ARTCC-148 (AAL11)   | 31RA |
| ZBW-ARTCC-148 (AAL11)   | 36R  |
| ZBW-ARTCC-148 (AAL11)   | 36RA |
| ZBW-ARTCC-148 (AAL11)   | 38R  |
| ZBW-ARTCC-148 (AAL11)   | 38RA |
| ZBW-ARTCC-148 (AAL11)   | 39R  |
| ZBW-ARTCC-148 (AAL11)   | 39RA |
| ZBW-ARTCC-148 (AAL11)   | 46R  |
| ZBW-ARTCC-148 (AAL11)   | 47R  |
| ZBW-ARTCC-148 (AAL11)   | 47RA |
| ZBW-ARTCC-148 (AAL11)   | MOS  |
| ZBW-ARTCC-148 (AAL11)   | TMU  |
| 9/11 Commission Request | 18R  |
| ZNY-ARTCC-148 (UAL175)  | 20R  |
| ZNY-ARTCC-148 (UAL175)  | 46R  |
| ZNY-ARTCC-148 (UAL175)  | 47R  |

**Wallet Number 4:**

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Information from the Boston ARTCC Flight Data Unit for 9/11-13/01.

CD containing information from the Boston ARTCC Flight Data Unit for 9/11-23/01.

**Wallet Number 5:**

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Boston ARTCC Security Gate Logs for June, July, August and September 2001.

**Wallet Number 6:**

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#1 Preliminary Partial Transcript, Boston ARTCC 20 Radar position dated 9/13/01.

#2 Radar ViewPoint Plot of UAL175 dated 9/11/01.

#3 RDP Track Report for UAL175 dated 9/11/01.

#4 Flight Progress Strips UAL175.

#5 Email dated 11/8/02 regarding UAL175 inventory.

#6 Preliminary Partial Transcript, Boston ARTCC 46 Radar position dated 9/13/01.

- #7 Preliminary Partial Transcript, Boston ARTCC 47 Radar position dated 9/13/01.
- #8 Preliminary Partial Transcript, Boston ARTCC 47 Radar position dated 9/13/01.
- #9 NADIN message from ZNY dated 9/17/03.
- #10 FAA Form 8020-6-1 dated 9/21/01 for UAL175.
- #11 Normal service statement and certified index UAL175.
- #12 Memorandum dated 9/27/01 regarding voice re-recordings.
- #13 Personnel statement (WD).
- #14 Personnel statement (HT).
- #15 Personnel statement (MO).
- #16 Personnel statement (ZP).
- #17 Personnel statement (TF).
- #18 Personnel statement (FB).
- #19 Personnel statement (TV).
- #20 Personnel Statement Tracking Sheet dated 12/18/01.
- #21 Document dated 1/31/02 listing individuals that accessed information regarding 9/11/01.
- #22 Memorandum dated 1/31/02 regarding ZNY-ARTCC-148 Accident File.
- #23 Memorandum dated 7/10/03 regarding transcripts requested by the National Commission on Terrorist Activities Upon the United States.

**Wallet Number 7:**

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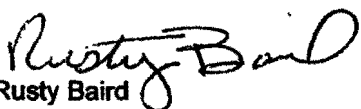
SAR Tapes covering the time period 1200 to 1800 UTC on 9/11/01.  
SAR Tape containing ACES OUTPUT FILE.

**Wallet Number 8:**

---

Notes and e-mails from Terry Biggio.  
Notes from Ed deLacy.  
Map depicting AAL11 route of flight.  
Miscellaneous GENOTS.

If we can be of further assistance, please contact the Quality Assurance Office at (603) 879-6672.

  
Rusty Baird

**FedEx** USA Airbill  
ExpressFedEx  
Tracking  
Number

8349 7496 1220

Form  
LD No.

0215

1 From Please print and press hard.  
Date 10/8/03 Sender's FedEx Account Number 1509-0216-9  
Sender's Name Terry Biggio, ZBW-2 Phone (603) 879-6638  
Company FAA BOSTON CENTER  
Address 35 NORTHEASTERN BLVD # C5  
City NASHUA State NH ZIP 03062

2 Your Internal Billing Reference  
First 24 characters will appear on invoice.

3 To Recipient's Name Shirley Miller Phone (202) 267-3666  
Company FAA - ADA-2  
Address 800 Independence Ave SW  
To "HOLD" at FedEx location, print FedEx address. We cannot deliver to P.O. boxes or P.O. ZIP codes.  
Address Room 1010  
City Washington State DC ZIP 20591

Try online shipping at [fedex.com](http://fedex.com)

By using this Airbill you agree to the service conditions on the back of this Airbill and in our current Service Guide, including terms that limit our liability.

Questions? Visit our Web site at [fedex.com](http://fedex.com)  
or call 1.800.Go.FedEx® 800.463.3339.

0214932458

## 4a Express Package Service

☐ FedEx Priority Overnight Next business morning  
☐ FedEx Standard Overnight Next business afternoon  
☒ FedEx First Overnight Earliest next business morning delivery to select locations  
☐ FedEx 2Day Second business day  
☐ FedEx Express Saver Third business day  
FedEx Envelope rate not available. Minimum charge: One-pound rate.

## 4b Express Freight Service

☐ FedEx 1Day Freight\* Next business day  
☐ FedEx 2Day Freight Second business day  
☐ FedEx 3Day Freight Third business day

\* Call for Confirmation.

## 5 Packaging

☐ FedEx Envelope\*  
☐ FedEx Pak\* Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak  
☒ Other

## 6 Special Handling

Includes FedEx address in Section 3.  
☐ SATURDAY Delivery Available ONLY for FedEx Priority Overnight and FedEx 2Day to select ZIP codes  
☐ HOLD Weekday at FedEx Location NOT Available for FedEx First Overnight  
☐ HOLD Saturday at FedEx Location Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations  
Does this shipment contain dangerous goods?  
One box must be checked.  
☒ No ☐ Yes Do not require Shipper's Declaration ☐ Yes Shipper's Declaration not required  
Dry Ice Dry Ice, 5, UN 1845  
Dangerous Goods (including Dry Ice) cannot be shipped in FedEx packaging. ☐ Cargo Aircraft Only

## 7 Payment Bill to:

☒ Sender ☐ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check  
FedEx Acct. No. Credit Card No. Exp. Date

Total Packages Total Weight Total Declared Value\*

\$ .00

FedEx Use Only

\*Our liability is limited to \$100 unless you declare a higher value. See back for details.

## 8 Release Signature

Sign to authorize delivery without obtaining signature.

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.

447

SRS • Rev. Date 10/01 • Part #1576105 • 01/09 • 2001 FedEx • PRINTED IN U.S.A.

**FedEx** USA Airbill  
ExpressFedEx  
Tracking  
Number

8349 7496 1231

Form  
LD No.

0215

1 From Please print and press hard.  
Date 10/8/03 Sender's FedEx Account Number 1509-0216-9  
Sender's Name Terry Biggio, ZBW-2 Phone (603) 879-6638  
Company FAA BOSTON CENTER  
Address 35 NORTHEASTERN BLVD # C5  
City NASHUA State NH ZIP 03062

2 Your Internal Billing Reference  
First 24 characters will appear on invoice.

3 To Recipient's Name Shirley Miller Phone (202) 267-3666  
Company ADA-2 FAA  
Address 800 Independence Ave SW  
To "HOLD" at FedEx location, print FedEx address. We cannot deliver to P.O. boxes or P.O. ZIP codes.  
Address Room 1010  
City Washington State DC ZIP 20591

Try online shipping at [fedex.com](http://fedex.com)

By using this Airbill you agree to the service conditions on the back of this Airbill and in our current Service Guide, including terms that limit our liability.

Questions? Visit our Web site at [fedex.com](http://fedex.com)  
or call 1.800.Go.FedEx® 800.463.3339.

0214932458

## 4a Express Package Service

☐ FedEx Priority Overnight Next business morning  
☐ FedEx Standard Overnight Next business afternoon  
☒ FedEx First Overnight Earliest next business morning delivery to select locations  
☐ FedEx 2Day Second business day  
☐ FedEx Express Saver Third business day  
FedEx Envelope rate not available. Minimum charge: One-pound rate.

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☐ FedEx 2Day Freight Second business day  
☐ FedEx 3Day Freight Third business day

\* Call for Confirmation.

## 5 Packaging

☐ FedEx Envelope\*  
☐ FedEx Pak\* Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak  
☒ Other

## 6 Special Handling

Includes FedEx address in Section 3.  
☐ SATURDAY Delivery Available ONLY for FedEx Priority Overnight and FedEx 2Day to select ZIP codes  
☐ HOLD Weekday at FedEx Location NOT Available for FedEx First Overnight  
☐ HOLD Saturday at FedEx Location Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations  
Does this shipment contain dangerous goods?  
One box must be checked.  
☒ No ☐ Yes Do not require Shipper's Declaration ☐ Yes Shipper's Declaration not required  
Dry Ice Dry Ice, 5, UN 1845  
Dangerous Goods (including Dry Ice) cannot be shipped in FedEx packaging. ☐ Cargo Aircraft Only

## 7 Payment Bill to:

☒ Sender ☐ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check  
FedEx Acct. No. Credit Card No. Exp. Date

Total Packages Total Weight Total Declared Value\*

\$ .00

FedEx Use Only

\*Our liability is limited to \$100 unless you declare a higher value. See back for details.

## 8 Release Signature

Sign to authorize delivery without obtaining signature.

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.

447

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[illegible]

[illegible]

234







| PERSONNEL LOG                                 |    |            | 1 REGION  | 2 FACILITY ID | 3 AREA IDENTIFICATION | 4 DATE            |                                       |
|-----------------------------------------------|----|------------|-----------|---------------|-----------------------|-------------------|---------------------------------------|
|                                               |    |            | A N E     | Z B W         | MIS                   | MONTH             | DAY                                   |
| 5 NAME                                        | 6  | 7 INITIALS | 8 TIME ON | 9 TIME OFF    | 10 HOURS ON DUTY      | 11 HOURS ON LEAVE | 12 HOURS ASSIGNED NON POSITION DUTIES |
| GOSSELIN, STEVEN W.                           | OZ |            | 0645      | 1020          |                       |                   |                                       |
| MCDONALD, TRENT P.                            | RK |            | 0645      | 1020          |                       |                   |                                       |
| I CERTIFY THIS LOG TO BE ACCURATE AND CORRECT |    |            |           |               |                       |                   |                                       |

T U E S

☆ U.S. GOVERNMENT PRINTING OFFICE



Tues

\* U.S. GOVERNMENT PRINTING OFFICE: 1990-762-5



## OPERATIONS MANAGER PERSONNEL LOG

Tuesday September 11, 2001

| NAME                                           | OP<br>INIT | ASSIGN SHIFT<br>START-STOP | TIME<br>ON SHIFT | TIME<br>OFF SHIFT | TIME<br>ON<br>DUTY<br>Hours 1/10 | HOURS<br>NON POSITION<br>DUTIES<br>Hours 1/10 | OPERATING<br>INITIALS<br>UPON<br>LEAVING | HOURS<br>ON<br>LEAVE | OFFICIAL<br>APPROVING<br>LEAVE<br>(OP. INIT.) | POSITION<br>ASSIGNMENT | REMARKS                |
|------------------------------------------------|------------|----------------------------|------------------|-------------------|----------------------------------|-----------------------------------------------|------------------------------------------|----------------------|-----------------------------------------------|------------------------|------------------------|
| <i>Terry Biggio</i><br>Biggio, Terry L.        | OE         | 7-3                        | 0630             | 1730              | 11.0                             |                                               | OE                                       |                      |                                               |                        | CCF 1                  |
| <i>Gary L. Bishop</i><br>Bishop, Gary L.       | OO         | <del>7-3</del>             | 13 <sup>30</sup> | 06 <sup>00</sup>  | 18.3                             |                                               | OO                                       |                      |                                               |                        | Shift Change<br>Code 1 |
| <i>Edmund M. de Lacy</i><br>de Lacy, Edmund M. | MJ         |                            | 0945             | 1845              | 9.0                              |                                               |                                          |                      |                                               |                        | comp                   |
|                                                |            |                            |                  |                   |                                  |                                               |                                          |                      |                                               |                        |                        |
|                                                |            |                            |                  |                   |                                  |                                               |                                          |                      |                                               |                        |                        |
|                                                |            |                            |                  |                   |                                  |                                               |                                          |                      |                                               |                        |                        |
|                                                |            |                            |                  |                   |                                  |                                               |                                          |                      |                                               |                        |                        |

Time not Worked codes: 01 - Annual, 02 - Sick, 04 - Comp, 05 - Military, 07 - Court, 08 - Blood, 09 - Excused, 12 - LWOP, 14 - AWOL, 21 - Credit, 22 - Time Off Award

Time outside shift code: 1 - Comp, OT - OT, 9 - Credit

ZBW FORM 7230-1

Original on file with ZBW QA Accident Package ZBW-ARCC-149

242



Original on file with ZBW-ARTC 148 Acc. no. - A

| PERSONNEL LOG           |        |            | 1 REGION    | 2 FACILITY ID      | 3 AREA IDENTIFICATION          | 4 DATE                                              |                        |
|-------------------------|--------|------------|-------------|--------------------|--------------------------------|-----------------------------------------------------|------------------------|
|                         |        |            | A N E Z B W | TRAFFIC MANAGEMENT |                                |                                                     | MONTH DAY              |
| 5 NAME                  | 6 CODE | 7 INITIALS | 8 TIME ON   | 9 TIME OFF         | 10 HOURS ON DUTY<br>Hours 1/10 | 11 HOURS ASSIGNED NON POSITION DUTIES<br>Hours 1/10 | 12 POSITION ASSIGNMENT |
| ABDUL-RAHEEM, QALYIM I. | F      |            |             |                    |                                |                                                     |                        |
| BRADY, BRIAN            | BB     |            | 0530        | 1330               | 8.0                            |                                                     | 6                      |
| CONRAD, STANLEY         | F      |            |             |                    |                                |                                                     |                        |
| DICKINSON, ROBERT E.    | F      |            |             |                    |                                |                                                     |                        |
| GRANT, JOHN             | CQ     |            | 0530        | 1330               | 8.0                            |                                                     | 6-2                    |
| HARRIS, DARLENE M.      | F      |            |             |                    |                                |                                                     |                        |
| LAVENTURE, BERNICE L.   | LA     |            | 0530        | 1600               | 10.0                           |                                                     | 4                      |
| MORRIS, MARION          | MR     |            | 1600        | 2300               |                                |                                                     | 4                      |
| COOPER, JOSEPH          | OP     |            | 0659        | 1457               | 8.0                            |                                                     | Code 209               |
| DEAN, WILLIAM H.        | WD     |            | 0632        | 1432               | 8.0                            |                                                     | Code 209               |
| DILLON, ROBERT          | ZK     |            | 0630        | 1430               | 8.0                            |                                                     |                        |
| EKSTROM, JARL D.        | JD     |            | 1430        | 2230               | 8.0                            |                                                     |                        |
| GIBSON, DAVID           | DG     |            |             |                    |                                |                                                     | Code 209               |
| KERIAZES, PAUL H.       | KP     |            |             |                    |                                |                                                     | Code 209               |
| KULAS, KENNETH A.       | KK     |            | 1230        | 2359               | 11.5                           |                                                     |                        |
| LEE, STEVEN             | LL     |            | 0700        | 1500               | 8.0                            |                                                     |                        |
| MILLER, TONY            | TO     |            | 0530        | 1330               |                                |                                                     |                        |
| MILAS, STEVE            | RV     |            | 0530        | 1330               | 8.0                            |                                                     |                        |
| O'CONNELL, ROBERT       | RN     |            |             |                    |                                |                                                     | RDC                    |
| O'DONNELL, AL           | ON     |            | 0515        | 1830               | 3.0                            | 5.0                                                 |                        |
| O'DONNELL, MIKE         | XZ     |            |             |                    |                                |                                                     | RDC                    |
| O'REILLY, MARY          | MA     |            |             |                    |                                |                                                     | RDC                    |
| POWERS, EDWARD E.       | ED     |            | 1430        | 2230               | 8.0                            |                                                     |                        |
| STERN, PHILIP N.        | PS     |            | 1230        | 2030               | 8.0                            |                                                     |                        |
| TRIPP, JEFF L.          | JT     |            |             |                    |                                |                                                     | RDC                    |
| WHITE, JACK             | JK     |            |             |                    |                                |                                                     | OSTI - D               |
| WHITE, JOHN             | VE     |            |             |                    |                                |                                                     |                        |
| WISHART, DENNIS         | DW     |            | 0530        | 1330               | 8.0                            |                                                     |                        |
| ZAOMISKI, NANCY J.      | NZ     |            |             |                    |                                |                                                     | RDC                    |

## TRAFFIC MANAGEMENT SUPERVISOR PERSONNEL LOG

Tuesday September 11, 2001

Originals  
on file  
with  
ZBW-ARPC-  
148 Accident  
Package

| NAME               | OP<br>INIT | ASSIGN SHIFT<br>START-STOP | TIME<br>ON SHIFT | TIME<br>OFF SHIFT | TIME<br>ON<br>DUTY<br><small>Hours 1/10</small> | HOURS<br>NON POSITION<br>DUTIES<br><small>Hours 1/10</small> | OPERATING<br>INITIALS<br>UPON<br>LEAVING | HOURS<br>ON<br>LEAVE | OFFICIAL<br>APPROVING<br>LEAVE<br>(OP. INIT.) | POSITION<br>ASSIGNMENT | REMARKS       |
|--------------------|------------|----------------------------|------------------|-------------------|-------------------------------------------------|--------------------------------------------------------------|------------------------------------------|----------------------|-----------------------------------------------|------------------------|---------------|
| Buero, Daniel D.   | BD         | 0600-14                    | 0600             | 1530              | 9.5                                             |                                                              | BD                                       |                      |                                               |                        | 1.5 Code 9    |
| Conroy, John J.    | CJ         |                            |                  |                   |                                                 |                                                              |                                          |                      |                                               |                        |               |
| Kiczek, Richard A. | TK         |                            | 1330             | 2330              | 10.0                                            |                                                              | TK                                       |                      |                                               |                        | 2.0 Code 9/RE |
| Rodrigues, James   | RQ         | 7-15                       | 0645             | 1445              | 9.0                                             |                                                              | RQ                                       |                      |                                               |                        | 1 Code 9/RE   |
| Roth, William L.   | KW         |                            |                  |                   |                                                 |                                                              |                                          |                      |                                               |                        |               |
| Bull, Eileen E.    | TE         | 14-18                      | 0515             | 1830              | 10.25                                           |                                                              | TE                                       |                      |                                               |                        | Code 9 1.25   |
|                    |            |                            |                  |                   |                                                 |                                                              |                                          |                      |                                               |                        |               |

Time not Worked codes: 01 - Annual, 02 - Sick, 04 - Comp, 05 - Military, 07 - Court, 08 - Blood, 09 - Excused, 12 - LWOP, 14 - AWOL, 21 - Credit, 22 - Time Off Award

Time outside shift code: 1 - Comp, OT - OT, 9 - Credit

ZBW FORM 7230-1

244

Accident File

| TEAM 1A |    |     |    |    |    |         |         |      |    | TEAM 2A |    |    |    |         |          |      |    |     |    | TEAM 3A |    |         |          |      |    |     |    |    |    |         |
|---------|----|-----|----|----|----|---------|---------|------|----|---------|----|----|----|---------|----------|------|----|-----|----|---------|----|---------|----------|------|----|-----|----|----|----|---------|
| TIME    | ON | OFF | Y  | V  | T  | REMARKS | NAME    | TIME | ON | OFF     | Y  | V  | T  | REMARKS | NAME     | TIME | ON | OFF | Y  | V       | T  | REMARKS | NAME     | TIME | ON | OFF | Y  | V  | T  | REMARKS |
| 00      | 00 | 00  | 00 | 00 | 00 |         | RUIZ, J | 00   | 00 | 00      | 00 | 00 | 00 |         | TEAM 6   | 00   | 00 | 00  | 00 | 00      | 00 |         | TEAM 6   | 00   | 00 | 00  | 00 | 00 | 00 |         |
| 01      | 01 | 01  | 01 | 01 | 01 |         | TH      | 01   | 01 | 01      | 01 | 01 | 01 |         | BANKS, C | 01   | 01 | 01  | 01 | 01      | 01 |         | BANKS, C | 01   | 01 | 01  | 01 | 01 | 01 |         |
| 02      | 02 | 02  | 02 | 02 | 02 |         | TH      | 02   | 02 | 02      | 02 | 02 | 02 |         | BANKS, J | 02   | 02 | 02  | 02 | 02      | 02 |         | BANKS, J | 02   | 02 | 02  | 02 | 02 | 02 |         |
| 03      | 03 | 03  | 03 | 03 | 03 |         | TH      | 03   | 03 | 03      | 03 | 03 | 03 |         | BANKS, J | 03   | 03 | 03  | 03 | 03      | 03 |         | BANKS, J | 03   | 03 | 03  | 03 | 03 | 03 |         |
| 04      | 04 | 04  | 04 | 04 | 04 |         | TH      | 04   | 04 | 04      | 04 | 04 | 04 |         | BANKS, J | 04   | 04 | 04  | 04 | 04      | 04 |         | BANKS, J | 04   | 04 | 04  | 04 | 04 | 04 |         |
| 05      | 05 | 05  | 05 | 05 | 05 |         | TH      | 05   | 05 | 05      | 05 | 05 | 05 |         | BANKS, J | 05   | 05 | 05  | 05 | 05      | 05 |         | BANKS, J | 05   | 05 | 05  | 05 | 05 | 05 |         |
| 06      | 06 | 06  | 06 | 06 | 06 |         | TH      | 06   | 06 | 06      | 06 | 06 | 06 |         | BANKS, J | 06   | 06 | 06  | 06 | 06      | 06 |         | BANKS, J | 06   | 06 | 06  | 06 | 06 | 06 |         |
| 07      | 07 | 07  | 07 | 07 | 07 |         | TH      | 07   | 07 | 07      | 07 | 07 | 07 |         | BANKS, J | 07   | 07 | 07  | 07 | 07      | 07 |         | BANKS, J | 07   | 07 | 07  | 07 | 07 | 07 |         |
| 08      | 08 | 08  | 08 | 08 | 08 |         | TH      | 08   | 08 | 08      | 08 | 08 | 08 |         | BANKS, J | 08   | 08 | 08  | 08 | 08      | 08 |         | BANKS, J | 08   | 08 | 08  | 08 | 08 | 08 |         |
| 09      | 09 | 09  | 09 | 09 | 09 |         | TH      | 09   | 09 | 09      | 09 | 09 | 09 |         | BANKS, J | 09   | 09 | 09  | 09 | 09      | 09 |         | BANKS, J | 09   | 09 | 09  | 09 | 09 | 09 |         |
| 10      | 10 | 10  | 10 | 10 | 10 |         | TH      | 10   | 10 | 10      | 10 | 10 | 10 |         | BANKS, J | 10   | 10 | 10  | 10 | 10      | 10 |         | BANKS, J | 10   | 10 | 10  | 10 | 10 | 10 |         |
| 11      | 11 | 11  | 11 | 11 | 11 |         | TH      | 11   | 11 | 11      | 11 | 11 | 11 |         | BANKS, J | 11   | 11 | 11  | 11 | 11      | 11 |         | BANKS, J | 11   | 11 | 11  | 11 | 11 | 11 |         |
| 12      | 12 | 12  | 12 | 12 | 12 |         | TH      | 12   | 12 | 12      | 12 | 12 | 12 |         | BANKS, J | 12   | 12 | 12  | 12 | 12      | 12 |         | BANKS, J | 12   | 12 | 12  | 12 | 12 | 12 |         |
| 13      | 13 | 13  | 13 | 13 | 13 |         | TH      | 13   | 13 | 13      | 13 | 13 | 13 |         | BANKS, J | 13   | 13 | 13  | 13 | 13      | 13 |         | BANKS, J | 13   | 13 | 13  | 13 | 13 | 13 |         |
| 14      | 14 | 14  | 14 | 14 | 14 |         | TH      | 14   | 14 | 14      | 14 | 14 | 14 |         | BANKS, J | 14   | 14 | 14  | 14 | 14      | 14 |         | BANKS, J | 14   | 14 | 14  | 14 | 14 | 14 |         |
| 15      | 15 | 15  | 15 | 15 | 15 |         | TH      | 15   | 15 | 15      | 15 | 15 | 15 |         | BANKS, J | 15   | 15 | 15  | 15 | 15      | 15 |         | BANKS, J | 15   | 15 | 15  | 15 | 15 | 15 |         |
| 16      | 16 | 16  | 16 | 16 | 16 |         | TH      | 16   | 16 | 16      | 16 | 16 | 16 |         | BANKS, J | 16   | 16 | 16  | 16 | 16      | 16 |         | BANKS, J | 16   | 16 | 16  | 16 | 16 | 16 |         |
| 17      | 17 | 17  | 17 | 17 | 17 |         | TH      | 17   | 17 | 17      | 17 | 17 | 17 |         | BANKS, J | 17   | 17 | 17  | 17 | 17      | 17 |         | BANKS, J | 17   | 17 | 17  | 17 | 17 | 17 |         |
| 18      | 18 | 18  | 18 | 18 | 18 |         | TH      | 18   | 18 | 18      | 18 | 18 | 18 |         | BANKS, J | 18   | 18 | 18  | 18 | 18      | 18 |         | BANKS, J | 18   | 18 | 18  | 18 | 18 | 18 |         |
| 19      | 19 | 19  | 19 | 19 | 19 |         | TH      | 19   | 19 | 19      | 19 | 19 | 19 |         | BANKS, J | 19   | 19 | 19  | 19 | 19      | 19 |         | BANKS, J | 19   | 19 | 19  | 19 | 19 | 19 |         |
| 20      | 20 | 20  | 20 | 20 | 20 |         | TH      | 20   | 20 | 20      | 20 | 20 | 20 |         | BANKS, J | 20   | 20 | 20  | 20 | 20      | 20 |         | BANKS, J | 20   | 20 | 20  | 20 | 20 | 20 |         |
| 21      | 21 | 21  | 21 | 21 | 21 |         | TH      | 21   | 21 | 21      | 21 | 21 | 21 |         | BANKS, J | 21   | 21 | 21  | 21 | 21      | 21 |         | BANKS, J | 21   | 21 | 21  | 21 | 21 | 21 |         |
| 22      | 22 | 22  | 22 | 22 | 22 |         | TH      | 22   | 22 | 22      | 22 | 22 | 22 |         | BANKS, J | 22   | 22 | 22  | 22 | 22      | 22 |         | BANKS, J | 22   | 22 | 22  | 22 | 22 | 22 |         |
| 23      | 23 | 23  | 23 | 23 | 23 |         | TH      | 23   | 23 | 23      | 23 | 23 | 23 |         | BANKS, J | 23   | 23 | 23  | 23 | 23      | 23 |         | BANKS, J | 23   | 23 | 23  | 23 | 23 | 23 |         |
| 24      | 24 | 24  | 24 | 24 | 24 |         | TH      | 24   | 24 | 24      | 24 | 24 | 24 |         | BANKS, J | 24   | 24 | 24  | 24 | 24      | 24 |         | BANKS, J | 24   | 24 | 24  | 24 | 24 | 24 |         |
| 25      | 25 | 25  | 25 | 25 | 25 |         | TH      | 25   | 25 | 25      | 25 | 25 | 25 |         | BANKS, J | 25   | 25 | 25  | 25 | 25      | 25 |         | BANKS, J | 25   | 25 | 25  | 25 | 25 | 25 |         |
| 26      | 26 | 26  | 26 | 26 | 26 |         | TH      | 26   | 26 | 26      | 26 | 26 | 26 |         | BANKS, J | 26   | 26 | 26  | 26 | 26      | 26 |         | BANKS, J | 26   | 26 | 26  | 26 | 26 | 26 |         |
| 27      | 27 | 27  | 27 | 27 | 27 |         | TH      | 27   | 27 | 27      | 27 | 27 | 27 |         | BANKS, J | 27   | 27 | 27  | 27 | 27      | 27 |         | BANKS, J | 27   | 27 | 27  | 27 | 27 | 27 |         |
| 28      | 28 | 28  | 28 | 28 | 28 |         | TH      | 28   | 28 | 28      | 28 | 28 | 28 |         | BANKS, J | 28   | 28 | 28  | 28 | 28      | 28 |         | BANKS, J | 28   | 28 | 28  | 28 | 28 | 28 |         |
| 29      | 29 | 29  | 29 | 29 | 29 |         | TH      | 29   | 29 | 29      | 29 | 29 | 29 |         | BANKS, J | 29   | 29 | 29  | 29 | 29      | 29 |         | BANKS, J | 29   | 29 | 29  | 29 | 29 | 29 |         |
| 30      | 30 | 30  | 30 | 30 | 30 |         | TH      | 30   | 30 | 30      | 30 | 30 | 30 |         | BANKS, J | 30   | 30 | 30  | 30 | 30      | 30 |         | BANKS, J | 30   | 30 | 30  | 30 | 30 | 30 |         |

TUESDAY 09/11/01

## AREA A SUPERVISORS PERSONNEL LOG

Tuesday September 11, 2001

| NAME                | OP<br>INIT | ASSIGN SHIFT<br>START-STOP | TIME<br>ON SHIFT | TIME<br>OFF SHIFT | TIME<br>ON<br>DUTY<br><small>Hours 1/10</small> | HOURS<br>NON POSITION<br>DUTIES<br><small>Hours 1/10</small> | OPERATING<br>INITIALS<br>UPON<br>LEAVING | HOURS<br>ON<br>LEAVE | OFFICIAL<br>APPROVING<br>LEAVE<br>(OP. INIT.) | POSITION<br>ASSIGNMENT | REMARKS       |
|---------------------|------------|----------------------------|------------------|-------------------|-------------------------------------------------|--------------------------------------------------------------|------------------------------------------|----------------------|-----------------------------------------------|------------------------|---------------|
| Moberger, George A. | MM         | 7-3                        |                  |                   | 8                                               |                                                              | mm/03                                    |                      |                                               |                        | ANSAGE DETAIL |
| Brooks, Joseph M.   | BK         | MID                        | 2230             | 0630              | 8                                               |                                                              | BK                                       |                      |                                               |                        |               |
| Campbell, Robert    | BC         |                            | 0600             | 1200              | 6                                               |                                                              | 03                                       | 2                    |                                               |                        | CODE 09       |
| LaBauve, Layne      | GN         | 3-11                       | 1457             | 2.231             | 7.6                                             |                                                              | GN                                       | 0.4<br>A             | DE                                            | O/S                    |               |
| Yalden, Robert C.   | RR         |                            | 0750             | 1550              | 8                                               |                                                              | RR                                       |                      |                                               |                        |               |
| Creedon, Timothy A. | TC         |                            | 1215             | 2015              | 8                                               |                                                              | TC                                       |                      |                                               |                        |               |
|                     |            |                            |                  |                   |                                                 |                                                              |                                          |                      |                                               |                        |               |
|                     |            |                            |                  |                   |                                                 |                                                              |                                          |                      |                                               |                        |               |

Time not Worked codes: 01 - Annual, 02 - Sick, 04 - Comp, 05 - Military, 07 - Court, 08 - Blood, 09 - Excused, 12 - LWOP, 14 - AWOL, 21 - Credit, 22 - Time Off Award

Time outside shift code: 1 - Comp, OT - OT, 8 - Credit

2BW-ARTC-

148  
Accident  
Package

[illegible]

7-2-8 F 334 72 10-1

TUESDAY 09/11/01

AREA B SUPERVISORS PERSONNEL LOG

Tuesday September 11, 2001

| NAME                                               | OP<br>INIT | ASSIGN SHIFT<br>START-STOP | TIME<br>ON SHIFT | TIME<br>OFF SHIFT       | TIME<br>ON<br>DUTY<br><small>Hours 1/10</small> | HOURS<br>NON POSITION<br>DUTIES<br><small>Hours 1/10</small> | OPERATING<br>INITIALS<br>UPON<br>LEAVING | HOURS<br>ON<br>LEAVE | OFFICIAL<br>APPROVING<br>LEAVE<br>(OP. INIT.) | POSITION<br>ASSIGNMENT | REMARKS             |
|----------------------------------------------------|------------|----------------------------|------------------|-------------------------|-------------------------------------------------|--------------------------------------------------------------|------------------------------------------|----------------------|-----------------------------------------------|------------------------|---------------------|
| Foster, John R.                                    | JF         | 15-23                      | 1230             | 2300                    | 10.5                                            |                                                              | JF                                       |                      |                                               |                        | CODE 9<br>2.5 90min |
| Kula, Shirley L.                                   | SO         | 7-15                       | 0635             | 1235                    | 6                                               |                                                              | OS                                       | 2                    |                                               |                        | CODE 09             |
| Pasquale, Peter                                    | PQ         | 10-18                      | 0530             | 1430<br><del>1330</del> | 9<br><del>8</del>                               |                                                              | PQ                                       |                      |                                               |                        | Code 9<br>00        |
| Smith, Myron K.                                    | RS         | 7-15                       | 0550             | 1450                    | 9.0                                             |                                                              | RS                                       |                      |                                               |                        | 1.0 CODE 9<br>00    |
| Bull, Gregory P                                    | GI         | 14-22                      |                  |                         |                                                 |                                                              |                                          |                      |                                               |                        | CODE 09             |
| HERCET                                             | HR         | 7-1530<br>RDC              | 0645             | 1445                    | 6                                               |                                                              | OS                                       | 2                    |                                               |                        |                     |
| Original on file w/ ZBW ARTCC-148 Accident Package |            |                            |                  |                         |                                                 |                                                              |                                          |                      |                                               |                        |                     |

Time not Works

Time outside sh

LWOP, 14 - AWOL, 21 - Credit, 22 - Time Off Award

Original on file w/ #148 Accident Package

## AREA C SUPERVISORS PERSONNEL LOG

Tuesday September 11, 2001

| NAME                   | OP<br>INT | ASSIGN SHIFT<br>START-STOP | TIME<br>ON SHIFT                | TIME<br>OFF SHIFT | TIME<br>ON<br>DUTY<br>Hours 1/10 | HOURS<br>NON POSITION<br>DUTIES<br>Hours 1/10 | OPERATING<br>INITIALS<br>UPON<br>LEAVING | HOURS<br>ON<br>LEAVE | OFFICIAL<br>APPROVING<br>LEAVE<br>(OP. INT.) | POSITION<br>ASSIGNMENT | REMARKS                   |
|------------------------|-----------|----------------------------|---------------------------------|-------------------|----------------------------------|-----------------------------------------------|------------------------------------------|----------------------|----------------------------------------------|------------------------|---------------------------|
| Winch, Richard C.      | RI        |                            |                                 |                   |                                  |                                               |                                          |                      |                                              |                        |                           |
| Procopis, Frank R.     | FP        | PDC                        |                                 |                   |                                  |                                               |                                          |                      |                                              |                        |                           |
| Schmidt, Richard J.    | SD        | 15-23                      | 1417                            | 2230              | 8.2                              |                                               | SD                                       |                      |                                              |                        | Code 8<br>Overtime<br>CMD |
| Nielsen, Kenneth J.    | NK        |                            |                                 |                   | 8.0                              |                                               |                                          |                      |                                              |                        |                           |
| Schappani, Jonathan M. | SH        |                            | 0635                            | 1435              | 8.0                              |                                               | OS                                       |                      |                                              |                        |                           |
| Lund, Robert C.        | KO        |                            | 1000<br><del>1400</del><br>(14) | 1600              | 6.0                              |                                               | 10                                       | 2.0                  |                                              |                        | CODE 21                   |
|                        |           |                            |                                 |                   |                                  |                                               |                                          |                      |                                              |                        |                           |
|                        |           |                            |                                 |                   |                                  |                                               |                                          |                      |                                              |                        |                           |

Time not Worked codes: 01 - Annual, 02 - Sick, 04 - Comp, 05 - Military, 07 -

Time outside shift code: 1 - Comp, OT - OT, 9 - Credit

ZBW FORM 7230-1

Original on file w/ #148 Accident Package



# Area D Sign In Log

| Area D Sign In Log                  |  |  |  |  |  |  |  |  |  | Area D Sign In Log                  |  |  |  |  |  |  |  |  |  |
|-------------------------------------|--|--|--|--|--|--|--|--|--|-------------------------------------|--|--|--|--|--|--|--|--|--|
| Time In Time Out Duty Leave Remarks |  |  |  |  |  |  |  |  |  | Time In Time Out Duty Leave Remarks |  |  |  |  |  |  |  |  |  |
| Bancal, Mike                        |  |  |  |  |  |  |  |  |  | Dunham, Mike                        |  |  |  |  |  |  |  |  |  |
| Braunius, Dave                      |  |  |  |  |  |  |  |  |  | Superior, Ken                       |  |  |  |  |  |  |  |  |  |
| Bruno, Glen                         |  |  |  |  |  |  |  |  |  | Beard, Scott                        |  |  |  |  |  |  |  |  |  |
| Martin, Paul                        |  |  |  |  |  |  |  |  |  | Cenabetti, G                        |  |  |  |  |  |  |  |  |  |
| McKinley, Keith                     |  |  |  |  |  |  |  |  |  | Edo, Mark                           |  |  |  |  |  |  |  |  |  |
| Moran, Buddy                        |  |  |  |  |  |  |  |  |  | Harris, Mark                        |  |  |  |  |  |  |  |  |  |
| Moran, Tom                          |  |  |  |  |  |  |  |  |  | Johnson, Mark                       |  |  |  |  |  |  |  |  |  |
| Stutz, Bob                          |  |  |  |  |  |  |  |  |  | Kilgus, Paul                        |  |  |  |  |  |  |  |  |  |
| Wilk, Paul                          |  |  |  |  |  |  |  |  |  | Kilgus, Paul                        |  |  |  |  |  |  |  |  |  |
| Gudney, Steve                       |  |  |  |  |  |  |  |  |  | Kilgus, Paul                        |  |  |  |  |  |  |  |  |  |
| Dorman, Frank                       |  |  |  |  |  |  |  |  |  | Kilgus, Paul                        |  |  |  |  |  |  |  |  |  |
| Fitzgerald, John                    |  |  |  |  |  |  |  |  |  | Kilgus, Paul                        |  |  |  |  |  |  |  |  |  |
| Hennepin, Dave                      |  |  |  |  |  |  |  |  |  | Kilgus, Paul                        |  |  |  |  |  |  |  |  |  |
| MacDuff, Bill                       |  |  |  |  |  |  |  |  |  | Kilgus, Paul                        |  |  |  |  |  |  |  |  |  |
| Marler, Steve                       |  |  |  |  |  |  |  |  |  | Kilgus, Paul                        |  |  |  |  |  |  |  |  |  |
| McHugh, Jim                         |  |  |  |  |  |  |  |  |  | Kilgus, Paul                        |  |  |  |  |  |  |  |  |  |
| Peters, Tim                         |  |  |  |  |  |  |  |  |  | Kilgus, Paul                        |  |  |  |  |  |  |  |  |  |
| Thompson, Brent                     |  |  |  |  |  |  |  |  |  | Kilgus, Paul                        |  |  |  |  |  |  |  |  |  |
| Bertrand, Dan                       |  |  |  |  |  |  |  |  |  | Kilgus, Paul                        |  |  |  |  |  |  |  |  |  |
| Cronk, Tim                          |  |  |  |  |  |  |  |  |  | Kilgus, Paul                        |  |  |  |  |  |  |  |  |  |
| Cushing, Tom                        |  |  |  |  |  |  |  |  |  | Kilgus, Paul                        |  |  |  |  |  |  |  |  |  |

ZBW FORM 7230-1A


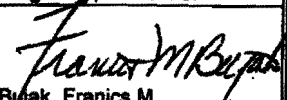


Tuesday, September 11, 2001

ZBW-ARTCC-148  
AAL11

19C

## AREA D SUPERVISORS PERSONNEL LOG

Tuesday September 11, 2001

| NAME                                                                                                       | OP<br>INIT | ASSIGN SHIFT<br>START-STOP | TIME<br>ON SHIFT | TIME<br>OFF SHIFT | TIME<br>ON<br>DUTY<br><small>Hours 1/10</small> | HOURS<br>NON POSITION<br>DUTIES<br><small>Hours 1/10</small> | OPERATING<br>INITIALS<br>UPON<br>LEAVING | HOURS<br>ON<br>LEAVE | OFFICIAL<br>APPROVING<br>LEAVE<br>(OP. INIT.) | POSITION<br>ASSIGNMENT | REMARKS               |
|------------------------------------------------------------------------------------------------------------|------------|----------------------------|------------------|-------------------|-------------------------------------------------|--------------------------------------------------------------|------------------------------------------|----------------------|-----------------------------------------------|------------------------|-----------------------|
| <br>Oberlander, Jean M.   | ER         | 3-11<br>1430               | 1430             | 2230              | 8.0                                             |                                                              | (20)                                     |                      |                                               |                        |                       |
| Lavigne, Charles E.                                                                                        | LE         | 5:00                       |                  |                   |                                                 |                                                              |                                          |                      |                                               |                        |                       |
| Singeltary, Patricia S.                                                                                    | PW         | 7-3                        |                  |                   |                                                 |                                                              |                                          | 8A                   |                                               |                        |                       |
| <br>Bujak, Francis M.     | BG         |                            | 0900             | 1700              | 8.                                              |                                                              |                                          |                      |                                               |                        |                       |
| <br>Emmes, David E.       | LO         | 6-14                       | 0600             | 1600              | 10.0                                            |                                                              | LO                                       |                      |                                               |                        | 2 CODE 9<br>1400-1600 |
| <br>Wood, Randall F. Jr. | RO         |                            | 0630             | 1430              | 8.0                                             |                                                              |                                          |                      |                                               |                        |                       |
|                                                                                                            |            |                            |                  |                   |                                                 |                                                              |                                          |                      |                                               |                        |                       |
|                                                                                                            |            |                            |                  |                   |                                                 |                                                              |                                          |                      |                                               |                        |                       |

Time not Worked codes: 01 - Annual, 02 - Sick, 04 - Comp, 05 - Military, 07 - Court, 08 - Blood, 09 - Excused, 12 - LWOP, 14 - AWOL, 21 - Credit, 22 - Time Off Award

Time outside shift code: 1 - Comp, OT - OT, 9 - Credit



AREA E SUPERVISORS PERSONNEL LOG

Tuesday September 11, 2001

| NAME                                  | OP<br>INIT | ASSIGN SHIFT<br>START-STOP | TIME<br>ON SHIFT      | TIME<br>OFF SHIFT | TIME<br>ON<br>DUTY<br>Hours 1/10 | HOURS<br>NON POSITION<br>DUTIES<br>Hours 1/10 | OPERATING<br>INITIALS<br>UPON<br>LEAVING | HOURS<br>ON<br>LEAVE | OFFICIAL<br>APPROVING<br>LEAVE<br>(OP. INIT.) | POSITION<br>ASSIGNMENT | REMARKS                                |
|---------------------------------------|------------|----------------------------|-----------------------|-------------------|----------------------------------|-----------------------------------------------|------------------------------------------|----------------------|-----------------------------------------------|------------------------|----------------------------------------|
| <i>LD</i><br>Doty, Lawrence C.        | LD         | <i>1400</i>                | <i>22</i> <i>1400</i> | <i>2230</i>       | <i>8.5</i>                       |                                               | <i>LD</i>                                |                      |                                               |                        | <i>5 CORSE 9B</i><br><i>SUP DUTIES</i> |
| Malloof, James G. Jr.                 | JM         | <i>RDO</i>                 |                       |                   |                                  |                                               |                                          |                      |                                               |                        |                                        |
| <i>RE McEwen</i><br>McEwen, Ronald E. | QU         | <i>RDO</i>                 | <i>0600</i>           | <i>1430</i>       | <i>8.5</i>                       |                                               | <i>QU</i>                                |                      |                                               |                        | <i>5 CORSE 9</i><br><i>BEOT MANDIL</i> |
| Giglio, John F.                       | GG         |                            |                       |                   |                                  |                                               |                                          | <i>PS</i>            |                                               |                        | <i>(Am. 1)</i><br><i>7-15</i>          |
| Mitchell, Richard A.                  | MT         | <i>7-3</i>                 |                       |                   |                                  |                                               |                                          | <i>8A</i>            |                                               |                        |                                        |
| Heinz, Joseph C.                      | HE         |                            |                       |                   |                                  |                                               |                                          |                      |                                               |                        |                                        |
|                                       |            |                            |                       |                   |                                  |                                               |                                          |                      |                                               |                        |                                        |
|                                       |            |                            |                       |                   |                                  |                                               |                                          |                      |                                               |                        |                                        |

Time not Worked codes: 01 - Annual, 02 - Sick, 04 - Comp, 05 - Military, 07 - Court, 08 - Blood, 09 - Excused, 12 - LWOP, 14 - AWOL, 21 - Credit, 22 - Time Off Award

Time outside shift code: 1 - Comp, OT - OT, 9 - Credit



U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

800 Independence Ave, S.W.  
Washington, D.C. 20591

September 10, 2004

Rick Beitel  
Special Agent-in-Charge for  
Headquarters Operations, II-3  
Office of the Inspector General  
U.S. Department of Transportation  
Nassif Bldg., Room 7324  
400 7<sup>th</sup> Street, S.W.  
Washington, D.C. 20590

Re: Investigation into FAA Notification to U.S. Military of Hijacking on  
September 11, 2001

Dear Mr. Beitel:

Per the request from your office, and with the understandings memorialized in the August 20, 2004, letter from Andrew B. Steinberg (FAA Chief Counsel) to Todd Zinser (Deputy Inspector General), I am enclosing copies of the notes taken by the following FAA attorneys during the interviews of agency employees by 911 Commission Staffers:

David M. Wiegand, AGC-410  
R. Brooke Lewis, AGC-410  
Mary M. McCarthy, AEA-7  
Christopher Poreda, ANE-7  
John Donnelly, ANE-7

We have advised all Regional Counsel to search their files and forward all such materials to our office. To the extent other notes may be found, we will forward them to your office upon receipt. Should you have any questions regarding the above, or if I can be of additional assistance, please advise.

Sincerely,

David M. Wiegand  
Mgr. General & Administrative  
Litigation Branch, AGC-410