



TO: FRANK LIBBY 617-223-4345

FROM: ATF/STEVE SCHEID/EXIS
FTS 927-8030 FAX 202/927-8115

SUBJECT: 63212972008C
QUESTIONS = STEVE SCHEID
202-927-8030

DATE: 12-14-92 NUMBER OF PAGES: 5

BUREAU OF ALCOHOL, TOBACCO AND FIREARMS

650 Massachusetts Avenue, NW
Washington, DC 20226

Room 7100

(202) 927-8030

I ALL BOMBINGS 1979-1991

TOTAL BOMBINGS 14,249
NUMBER KILLED 328
NUMBER INJURED 2345
PROPERTY DAMAGE \$ 151,422,571

VEHICLE BOMBINGS 1979-1991

TOTAL BOMBINGS 2,652
NUMBER KILLED 81
NUMBER INJURED 326
PROPERTY DAMAGE \$9,957,689

II REMOTE CONTROL BOMBINGS 1979-1991

TOTAL BOMBINGS 145
NUMBER KILLED 13
NUMBER INJURED 47
PROPERTY DAMAGE \$ 1,782,125

REMOTE CONTROL AUTO-TRUCK BOMBINGS 1979-1991

TOTAL BOMBINGS 62
NUMBER KILLED 12
NUMBER INJURED 31
PROPERTY DAMAGE \$ 248,000

AFTER TRYING DIFFERENT COMBINATIONS OF QUERRIES ON THE COMPUTER THE FOLLOWING QUERY RESULTED IN THE TWO INCIDENTS.

QUERY:

DATE RANGE: 0179-1291

TYPES OF INCIDENTS: BOMBINGS AND ATTEMPTED BOMBINGS

TARGET INFORMATION: AUTOMOBILES/TRUCKS

DEVICE PLACEMENT: UNDER VEHICLE

DEVICE COMPONENTS: MAGNETS

COMPONENT MANUFACTURER: RAIDO SHACK

MISCELLANEOUS INFORMATION: DUCT (TAPE)

ROUND

SOLDERED

REMOTE CONTROL

QUERY RESULTS:

1. 9-1-86 QUINCY, MA. INCIDENT
2. 10-28-91 ROSLINDALE, MA. INCIDENT

SEE ATTACHED COMPUTER PRINTOUT

OUT OF 14,249 BOMBING INCIDENTS THE ABOVE QUERY RESULTED IN YOUR TWO INCIDENTS.

DATE RAW6 2
 PERIOD COVERED: 790101-911231

BUREAU OF ALCOHOL, TOBACCO, AND FIREARMS
 EXPLOSIVE INCIDENTS LISTING
 *** STATE--CITY ***

DATE: 12/14/92 PAGE: 1

CARD#	UI	DATE	TYP	NAME	EM	MID	WFG	MISC-INFO	CITY	QUINCY	MA	TK	UV	P	MID	DAI	PCT	MLN	CO	SHIF1-LOT	DAMAGE	TIM	ANAL	PHO	JUR
033236	001	001		SI	MI	MI	MI	M21			00000U														
033236	001	002		MI	UNKN	26	ANG				00000U														
033236	001	003		BT	RAYD	AA					00004E														
033236	001	004		RA	UNKN	TYCD					00000U														
033236	001	005		ED	UNKN	REMOTE CONTROL					00000U														
033236	001	006		UU	UNKN	SOLDERED					00000U														
033236	001	007		BT	DURA	5 VOLT					00002E														
033236	001	008		SW	BASH	TOGGLE					00000U														
033236	001	009		MI	UNKN	22 ANG					00000U														
033236	001	010		TP	UNKN	BLACK VINYL					00000U														
033236	001	011		MG	UNKN	ROUND					00000U														
033236	001	012		UU	UNKN	MSP LAB NO F861210					00000U														
033236	001	013		MG	UNKN	SPEAKER					00000U														
033236	001	014		TP	UNKN	DUCT					00000U														
031634	001	63212922009C	102091	8	SMAY THOMAS L	ROSLINDALE					MA	4U	UV	P	H	01	01								
031634	001	001		DX	UNKN	PLYWOOD					00001E		12	06											
031634	001	002		DX	UNKN						00001E		04	02											
031634	001	003		MG	UNKN	ROUND					00012E														
031634	001	004		MG	UNKN	DONUT SHAPE					00002E														
031634	001	005		MI	UNKN	ANTENNA					00000U														
031634	001	006		CE	AUSTI	ROCKSTAR					00002E														
031634	001	007		OV	ATLA						00000U														
031634	001	008		TP	UNKN	BLACK ELECTRICAL					00000U														
031634	001	009		TP	UNKN	DUCT					00000U														
031634	001	010		ML	UNKN	USED TO MAKE BOX					00000U														
031634	001	011		MR	UNKN	GLUE					00000U														
031634	001	012		UU	UNKN	SOLDERED					00000U														
031634	001	013		BT	DURA	9 VOLT					00003E														
031634	001	014		BT	UNKN	AA					00003E														
031634	001	015		SW	UNKN	SLIDE					00000U														
031634	001	016		RA	UNKN	FUTABA					00000U														
031634	001	017		ED	UNKN	REMOTE CONTROL					00000U														
031634	001	018		UU	UNKN	PAINTED					00000U														
031634	001	019		NR	UNKN	NATIONAL RESPONSE					00000U														
031634	001	020		UU	UNKN	PEER SUPPORT					00000U														
031634	001	021		UU	UNKN	POLICEMAN KILLED					00000U														
031634	001	022		SW	BASH	TOGGLE					00000U														
031634	001	023		TP	UNKN	FIBER REINFORCED					00000U														
031634	001	024		PA	UNKN	MAGAZINE PAGE					00000U														

NUMBER OF CASES: 2

NUMBER OF DETAIL RECORDS: 38

HOMEMADE
 GLUED TO BOX
 BALANCE
 SPEAKER
 RY
 SILVER
 PROFESSIONAL JOB
 PAINTED BLACK
 ARCHER SPST
 MUSCLEMAG INTERN
 SPEAKER
 DATED 112086
 ROUND
 ALUMINUM COLGRED
 32P A A A
 SITE J 7K67
 DOUBLE THROW
 345

DEPARTMENT OF THE TREASURY - BUREAU OF ALCOHOL, TOBACCO AND FIREARMS
EXPLOSIVES INCIDENT WORKSHEET

CARD 1

(1-13) UNIQUE IDENTIFIER										(14-19) DATE OF INCIDENT					(20) TYPE OF INCIDENT			
(21-39) VICTIMS NAME																		
(40-53) CITY										(54-55) STATE			(56-57) SPECIFIC FACILITY					
(58-59) SPECIFIC LOCATION					(60) DELIVERY METHOD			(61) WARNING		(62) MOTIVE INTENT		(63-64) NUMBER KILLED			(65-66) NUMBER INJURED			
(67-73) AMOUNT OF DAMAGE								(74-76) TIME OF OCCURRENCE				(77) EVIDENCE ANALYZED		(78) PHOTOS TAKEN		(79) JURISDICTION		

CARD 2

(1-13) UNIQUE IDENTIFIER										(14) ENTRY METHOD		(15-16) MISC. IDENT. CODE		(17-20) MANUFACTURER		
(21-40) MISCELLANEOUS INFORMATION																
REMOVAL CONTROL																
(41-46) QUANTITY					(47-48) LENGTH			(49-50) WIDTH			(51-53) DIAMETER			(54-55) PERCENTAGE		
(56-58) LEG WIRE LENGTH			(59-60) COLOR			(61-76) DATE SHIFT CODE/LOT NUMBER										
(77) BOMB PROFILE CODE				(78) LAB/TECH CODE												

INCIDENT REPORT

Return To:

FBI Bomb Data Center
Forensic Science Research and Training Center, Building 12
FBI Academy Quantico, Virginia 22135

RE:

The following information is submitted in connection with (check applicable item).

- Actual or attempted explosive bombing (complete all items)
- Actual or attempted incendiary bombing (complete all items)
- Hoax device (complete items A, B, C, J, K, L, M, N, O, P & S)
- Recovery of device (complete items A thru F and O thru S)

A. Occurrence (complete each blank)

1. Date _____ 2. Day of week _____ 3. Time (check one)
4. Location:
- a. Office of Origin _____
 - b. City of occurrence _____
 - c. County of occurrence _____
 - d. State of occurrence _____
 - e. NCIC agency identifier _____
3. Time (check one)
- a. 12:01 am to 6:00 am
 - b. 6:01 am to noon
 - c. 12:01 pm to 6:00 pm
 - d. 6:01 pm to midnight

B. Nature of Incident (check one)

1. Actual bombing 2. Attempted bombing 3. Hoax device 4. Recovery of device

C. Nature of Device

- | | | |
|---|--|--|
| <p>1. <input type="checkbox"/> Explosive _____ (number)</p> <ul style="list-style-type: none">a. <input type="checkbox"/> Improvisedb. <input type="checkbox"/> U.S. Military Ordnance<ul style="list-style-type: none">1. <input type="checkbox"/> Grenade2. <input type="checkbox"/> Projectile3. <input type="checkbox"/> Training simulator4. <input type="checkbox"/> Other (specify) _____c. <input type="checkbox"/> Foreign Militaryd. <input type="checkbox"/> Unknown | <p>2. <input type="checkbox"/> Incendiary _____ (number)</p> <ul style="list-style-type: none">a. <input type="checkbox"/> Molotov cocktail<ul style="list-style-type: none">1. <input type="checkbox"/> Self-igniting2. <input type="checkbox"/> Wickb. <input type="checkbox"/> U.S. Military<ul style="list-style-type: none">1. <input type="checkbox"/> Grenade2. <input type="checkbox"/> Projectilec. <input type="checkbox"/> Foreign Militaryd. <input type="checkbox"/> Other (specify) _____e. <input type="checkbox"/> Unknown | <p>3. <input type="checkbox"/> Hoax _____ (number)</p> |
|---|--|--|

D. Fuzing

- | | | |
|---|---|---|
| <p>1. Explosive</p> <ul style="list-style-type: none">a. <input type="checkbox"/> Type<ul style="list-style-type: none">1. <input type="checkbox"/> Electrical2. <input type="checkbox"/> Nonelectrical3. <input type="checkbox"/> Unknownb. <input type="checkbox"/> Initiation (triggering)<ul style="list-style-type: none">1. <input type="checkbox"/> Delay2. <input type="checkbox"/> Booby trapped/action3. <input type="checkbox"/> Command-remote control4. <input type="checkbox"/> Unknown | <p>c. <input type="checkbox"/> Functioning</p> <ul style="list-style-type: none">1. <input type="checkbox"/> Impact2. <input type="checkbox"/> Clock/mechanical delay3. <input type="checkbox"/> Burning delay4. <input type="checkbox"/> Chemical delay5. <input type="checkbox"/> Electrical/electronic delay6. <input type="checkbox"/> Pressure/pressure release7. <input type="checkbox"/> Pull/push8. <input type="checkbox"/> Unknown | <p>2. Incendiary</p> <ul style="list-style-type: none">a. <input type="checkbox"/> Delayb. <input type="checkbox"/> Impactc. <input type="checkbox"/> Booby trappedd. <input type="checkbox"/> Unknown |
|---|---|---|

E. Filler (Indicate type of explosive and check numbered item only if known)

1. Explosive

- a. Low explosive
- 1. Black powder
- 2. Smokeless powder
- 3. Match heads
- 4. Pyrotechnics/fireworks
- 5. Other (specify) _____

2. Incendiary

- a. Gasoline
- b. Pyrotechnics/fireworks
- c. Propane, butane, etc.
- d. Other flammable solid
- e. Other flammable liquid
- f. Unknown

F. External Container

- 1. Pipe/Metal tube
- 2. Nonmetal tube
- 3. Bottle
- 4. Box
- 5. Bag
- 6. Can
- 7. Military device
- 8. Unknown
- 9. None
- 10. Other (specify) _____

G. Placement of Device

(complete for structures omitting residential property)

- 1. In secured area
 - 2. In public access area
- Specify location _____
- _____
- _____
- _____

H. Delivery of Device

- 1. Mailed/shipped
- 2. Placed
- 3. Thrown or projected
- 4. Unknown

I. Damage

- 1. Personal injury (total number of persons) _____; distribute total to items below:
 - a. firemen _____
 - b. intended victims _____
 - c. innocent bystanders _____
 - d. police _____
 - e. subjects _____
 - f. others (specify) _____
- 2. Deaths (total number of persons) _____; distribute total to items below:
 - a. firemen _____
 - b. intended victims _____
 - c. innocent bystanders _____
 - d. police _____
 - e. subjects _____
 - f. others (specify) _____
- 3. Amount of property damaged \$ _____; distribute total to items below:
 - a. to intended target \$ _____
 - b. to surrounding area \$ _____

J. Nature of Target (check applicable item)

RESIDENCE

- 1. Apartment house
- 2. Private residence
- 3. Other private property

COMMERCIAL OPERATION

- 4. Bank
- 5. Hotel or motel
- 6. Industrial building
- 7. Office building
- 8. Theater
- 9. Other commercial building

VEHICLE

- 10. Aircraft
- 11. Automobile
- 12. Other vehicle

GOVERNMENT PROPERTY

- 13. Federal
- 14. State
- 15. Local

COMMUNICATION FACILITY

- 16. Radio
- 17. TV
- 18. Telephone
- 19. Other _____

TRANSPORTATION FACILITY

- 20. Airport
- 21. Bridge
- 22. Highway
- 23. Other _____

LAW ENFORCEMENT

- 24. Building
- 25. Vehicle
- 26. Other _____

OTHER TARGETS

- 27. FBI
- 28. Fire department
- 29. School facility
- 30. Person
- 31. Power facility
- 32. Other public utility
- 33. Recreation facility
- 34. Construction site or equipment
- 35. Postal facility or equipment
- 36. Church
- 37. Military facility
- 38. Hospital or medical facility
- 39. Newspaper facility
- 40. International establishment
- 41. Open area
- 42. Unknown (premature detonation)
- 99. Other (specify) _____

K. Was Incident Preceded by Threat or Warning?

1. No
2. Yes (if "yes" check appropriate category)
WRITTEN
a. Mailed
b. Unmailed (i.e., note, etc.)
- SPOKEN
c. Telephone
d. Personally
e. Other (specify) _____

L. If PRECEDED by Threat or Warning, Who Received It? (check only if preceded)

1. FBI
2. Other Law Enforcement Agency
3. News Media
4. Employee
5. Victim
6. Other (specify) _____

M. Appears to Involve

1. Juvenile
2. Racketeer
3. Acquaintance/Relative
4. Labor Organizational Member
5. Extremist (Foreign)
6. Extremist (Political)
7. Extremist (Racial)
8. Unknown
9. Other (specify) _____

N. Apparent Motive

1. Personal Animosity
2. Monetary Gain
3. Intimidation
4. Mischief
5. Publicity
6. Revenge
7. Sabotage/Subversion
8. Protest
9. Vandalism
10. Unknown
11. Other (specify) _____

O. Disposition of Device (complete only if device failed to detonate, i.e., attempt, hoax, recovery)

1. Dismantled in place
2. Detonated in place
3. Taken to safe area and dismantled
4. Taken to safe area and detonated
5. Other (specify) _____

P. Personnel Involved in Disposition of Device (complete only if device failed to detonate, i.e., attempt, hoax, recovery)

- i. Trained technician
a. Public Safety
b. Military
c. Combination military/public safety
2. Other (specify) _____

Q. FBI Participation (check if applicable)

- FBI Investigated as:
1. Bomb threat (section 844)
2. EID
3. DAMV
4. Other (specify) _____

R. Subjects Identified

1. No
2. Yes
Total _____ (number)

S. Brief Narrative Statement (brief description of device and circumstances of incident)

T. Usual Properties or Characteristics of Device (complete only if applicable)

K S A R & EXPLOSIVE/ARSON INCIDENT REPORTS FORMAT

FM: ATF Boston District

TO: Chief, _____ Division (ENTER APPROPRIATE DIVISION
FIREARMS, EXPLOSIVES, ETC.)

ATTN: SAC, _____ Branch (ENTER APPROPRIATE BRANCH)

SUBJ: KSAR Significant/Sensitive Report ()
Explosives/Arson Incident Report ()

(A) Incident: (BRIEF EXPLANATION OF CIRCUMSTANCES, SUCH AS ARREST,
SEARCH WARRANT, EXPLOSIVES RECOVERY, ETC.)

(B) Date of Incident: _____ (BB) Time of Incident: _____

(C) Major Publicity: NO ()
YES (); MEDIA INQUIRIES () PRESS RELEASE ()

(D) IN: _____ (ENTER APPROPRIATE INVESTIGATION NUMBER)

(DD) Monitor Number: _____ (ENTER HQS MONITOR NUMBER, IF
ASSIGNED, IF NOT - ENTER N/A)

(E) Location: (ENTER LOCATION WHERE INCIDENT OCCURRED)

(F) Special Agent: _____ (ENTER NAME OF S/A SUBMITTING)

(FF) Telephone Number: FTS/ _____ (ENTER FTS TELEPHONE NUMBER)

(G) Subject(s) Name/DOB: (ENTER SUBJECT(S) OF ARREST, SEARCH WARRANT,
ETC., IF UNKNOWN, PUT UNKNOWN)

(GG) Address: (ENTER SUBJECT(S) ADDRESS(ES). IF UNKNOWN, PUT UNKNOWN.
IF MORE THAN ONE SUBJECT, LIST EACH SEPARATELY)

(GGG) Prior Criminal Record: (CONVICTIONS/ARRESTS/REPUTATION IF KNOWN.
IF UNKNOWN, PUT UNKNOWN.)

(H) Current Venue: (ENTER APPROPRIATE FEDERAL JUDICIAL DISTRICT)

(HH) Charges: (ENTER NARRATIVE DESCRIPTION OF APPROPRIATE FEDERAL AND/OR STATE CHARGES.)

(I) Other Agencies Involved: (LIST AS APPROPRIATE)

(J) Property in Custody: (ENTER PROPERTY TAKEN INTO ATF CUSTODY ONLY)

* * * *ITEMS (K) THROUGH (W) ARE FOR EXPLOSIVE/ARSON REPORTING* * * *
* * * *MAY BE DELETED FOR KSAR SIGNIFICANT/SENSITIVE REPORTING* * * *

PLEASE COMPLETE ALL ITEMS - ENTER N/A IF NECESSARY

(K) Victim/Target: (MAY BE EITHER INDIVIDUAL OR PROPERTY)

(KK) Owner (If known):

(L) Extent & Date of ATF Involvement:

(LL) NRT Used: NO () YES (); Details:

(M) I.D. of Person(s) Killed/Injured: (NAME/ADDRESS/DOB, IF KNOWN)

(MM) Extent of Injuries: (AS APPROPRIATE)

- (M) Warning: NO () YES (); Details: _____

- (O) Motive: (IF KNOWN OR APPARENT) _____

- (P) Method of Delivery: (APPLIES PRIMARILY TO BOMBING/ARSON INCIDENT)

- (Q) Method of Initiation: _____

- (QQ) Device Components: _____

- (R) Magazine Type: (ENTER DESCRIPTION) _____

- (RR) How Was Entry Made: (IF KNOWN OR APPARENT)

- (S) Licensee/Permitee: NO () YES (); Number: _____
- (T) Quantity and Type of Explosive/Accelerant: (IF KNOWN)

- (U) Monetary Amount of Loss: (VALUE OF PROPERTY, EXPLOSIVES, ETC.)

- (V) Person/Agency Notifying ATF and When: _____

- (W) FBI Notified: NO () YES (); NAME, DATE AND BY WHOM:

(X) Narrative; (GIVE CONCISE BUT COMPLETE DESCRIPTION OF INCIDENT)

BUREAU OF ALCOHOL, TOBACCO, AND FIREARMS
EXPLOSIVE INCIDENTS LISTING
*** UT-INCIDENT ***

DATE: 06/01/93 PAGE: 3

PERIOD COVERED: 790101-911231

CARD#	VI	DATE	TYP	NAME	EM	MID	MFG	CITY	ST	FAC	LOC	DEL	WM	MOT	KIL	INJ	DAMAGE	TIM	ANAL	PHO	JUR
031634	001	022			SW	RASH	TOGGLE	MISC-INFO	QTY	LN	WID	DAI	PCT	WLM	CO	SHIFT-LOT	ARCHER	SPST			
031634	001	023			TP	UNKN	FIBER REINFORCED		000000												
031634	001	024			PA	UNKN	MAGAZINE PAGE		000000												
018147	001	63453863001R	0	101585	B	GORDON	HARRIET	PHILADELPHIA	PA	AU	UV	R	01	0001000	08P	A					
018147	001	001			DP	UNKN	AA		000000												
018147	001	002			BT	OURA	REMOTE CONTROL		00000E												
018147	001	003			FD	UNKN			000000												
018147	001	004			MG	UNKN			000000												
018147	001	005			MR	UNKN			000000												
018147	001	006			RA	UNKN	FUTABA		000000												
018147	001	007			SW	UNKN	TOGGLE		000000												
018147	001	008			TP	UNKN	BLACK ELECTRICAL		000000												
018147	001	009			TU	UNKN	COPPER		000000												
018147	001	010			WI	UNKN			000000												
018147	001	011			WX	UNKN	GLUE		000000												
023191	001	93160893529L	0	031069	B	ROGERS	WILL	SAN DIEGO	CA	TK	UV	P	H	08A							
023191	001	001			PI	UNKN			000000		12										
023191	001	002			BT	EVER	6 VOLT		000000												
023191	001	003			MG	UNKN			000000												
023191	001	004			UU	UNKN	WOODEN BOARD		000000												
023191	001	005			TP	UNKN	DUCT		000000												
023191	001	006			TP	UNKN	ELECTRICAL		000000												
023191	001	007			SP	HERC	BLUE DOT		000000												
023191	001	008			CE	UNKN			000000												
023191	001	009			SM	UNKN	THERMAL		000000												
021148	001	93260875027B	0	050687	B	ANDREWS	STEVEN J	CAMPBELL	CA	AU	UV	P		0003000	03A	A					
021148	001	001			BY	UNKN			000000												
021148	001	002			DX	UNKN	CARDBOARD		000000												
021148	001	003			FD	UNKN	REMOTE CONTROL		000000												
021148	001	004			MG	UNKN	HORSESHOE		000000												
021148	001	005			PI	UNKN			000000		08										
021148	001	006			RA	UNKN	FUTABA		000000												
021148	001	007			BP	UNKN			000000												

NUMBER OF CASES: 9
NUMBER OF DETAIL RECORDS: 117

EXPLOSIVES INCIDENTS SYSTEM: A COMPUTER APPROACH TO EXPLOSIVES INCIDENTS

*By Stephen B. Scheid
Research Specialist,
Bureau of Alcohol, Tobacco
and Firearms*

The current trends in bombings indicate a total disregard for the lives and property of intended victims, as well as innocent bystanders. ATF is committed to curbing this wanton disregard for life and property and apprehending those who perpetrate violence through the criminal misuse of explosives. This has been and will remain a number one priority for ATF.

ATF strives to increase the investigator's ability to investigate bombings and other explosives incidents as quickly as possible in order to remove the threat to society. Toward this end, ATF committed its resources and established programs to enhance and expand the capabilities of field agents as well as other federal, state and local law enforcement officers.

The Explosives Incidents System (EXIS) data base, maintained on a mainframe computer in Washington, was implemented in 1975 to store information on explosives incidents nationwide that are investigated by or reported to ATF. With many federal, state and local bomb squads contributing information, the result is a very comprehensive data base of explosives incidents.

Currently, 39,000 incidents are stored in EXIS, of which 18,000 are bombings. Other types of incidents are stolen and recovered explosives, hoax devices, accidental explosions, threats to Treasury facilities and ATF arson investigations.

Information entered into EXIS, both general and specific, is gleaned from investigative and forensic examination reports. The same input format is used for all incidents, enabling ATF to compare explosives used in bombings to explosives thefts and recoveries. Entries are updated as new information is developed. The information is regularly made available to the explosives ordinance community, and is provided to the FBI and Secret Service on a daily basis.

The nucleus of the EXIS data base is built around target and device component information. The computer system is designed to search and compare for device similarities as well as device placement on the target. An example would be an electrically initiated pipe bomb placed under the seat of a vehicle. Here, the computer would be asked to search for four fields: "electrically initiated pipe bombs," "pipe bombs," "placement under the seat of a vehicle" and "vehicles." The EXIS system can be queried in any combination of fields, and different fields can be queried at one time.

These queries are extremely important to investigators, especially today when criminals can travel around the country quickly and use explosives to further their illicit activities. Data stored in EXIS can be queried and retrieved for analysis within hours of a bombing or other explosives incident. These analyses provide investigators

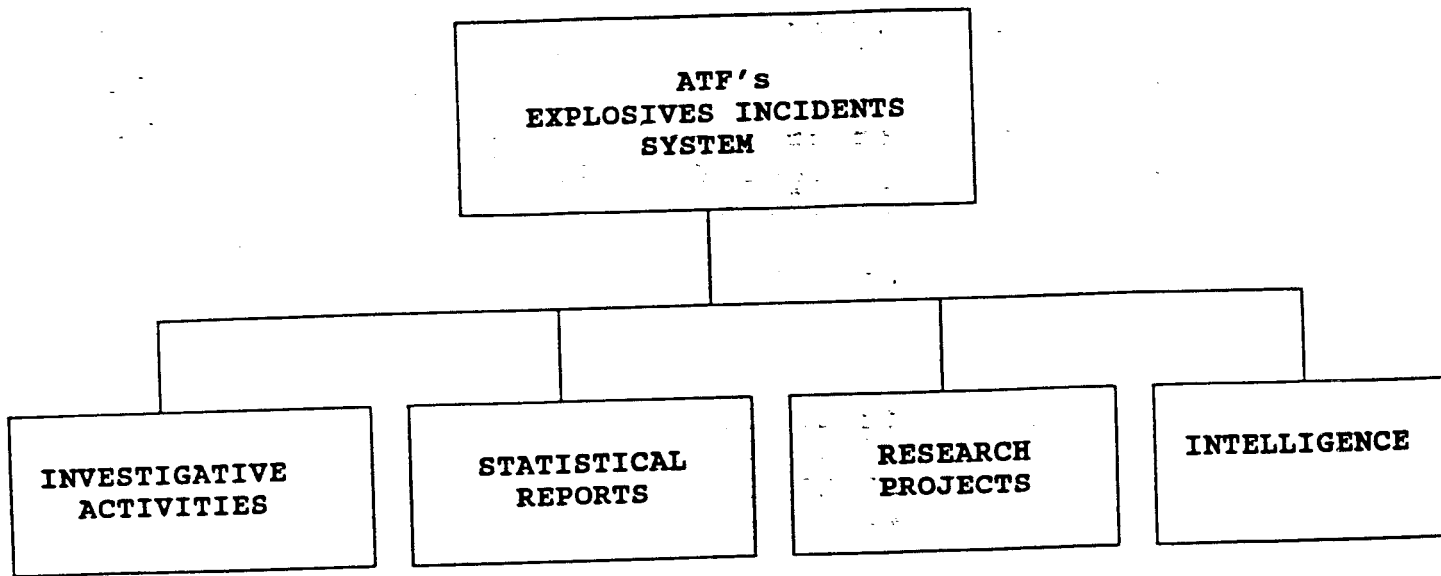
with leads relative to trends, patterns, bomb components and modus operandi. With this type of information available, investigators can run down existing leads and develop new ones in hours. Before EXIS, the same work would have required weeks or months.

Information derived from these analyses is also used to develop probable cause for investigators of explosives-related violence. The system has data on explosives and devices used by terrorists, outlaw motorcycle gangs, organized crime figures, street gangs, juveniles, drug suspects and other crime groups active throughout the United States. In addition, EXIS has been used to provide intelligence in support of security for significant events such as the Olympics, world fairs, the Goodwill Games and political conventions.

EXIS provides ATF with a successful investigative and managerial tool. The analyses it generates have produced results that are both exciting and gratifying. Its capabilities continue to evolve, providing investigators with state-of-the-art technology that enhances their enforcement endeavors. More importantly, EXIS continues to promote an active exchange of information within the law enforcement and intelligence communities—a strong indicator of the determination and commitment that exists to stem criminal violence associated with explosives.

TABLE XI.--OTHER EXPLOSIVES INCIDENTS, 1987-91

	1987	1988	1989	1990	1991	5-YEAR TOTAL
DRUG-RELATED EXPLOSIVES INCIDENTS						
BOMBINGS	4	25	47	45	40	161
ATTEMPTED BOMBINGS	2	3	15	6	9	35
INCENDIARY	1	8	17	16	22	64
ATTEMPTED INCENDIARY	0	2	2	7	1	12
TOTAL	7	38	81	74	72	272
KILLED	1	4	13	1	2	21
INJURED	18	21	17	13	22	91
PROPERTY DAMAGE	\$1,000,000	\$299,500	\$701,800	\$4,487,400	\$287,050	\$6,775,750
RECOVERED EXPLOSIVES INCIDENTS						
POUNDS OF EXPLOSIVES	224	384	877	8033	973	10491
NUMBER OF DETONATORS	116	255	417	623	584	1995
GRENADES	0	38	91	143	90	362
SIMULATORS	3	13	25	53	23	117
ILLEGAL FIREWORKS EXPLOSIONS						
EXPLOSIONS	5	3	2	2	2	14
KILLED	1	1	3	1	0	6
INJURED	8	2	19	2	6	37
PROPERTY DAMAGE	\$151,000	\$195,000	\$1,000,000	\$0	\$20,000	\$1,366,000
LEGAL FIREWORKS EXPLOSIONS						
EXPLOSIONS	6	3	2	4	3	18
KILLED	2	1	2	2	3	10
INJURED	31	5	1	12	4	53
PROPERTY DAMAGE	\$11,000	\$145,000	\$2,000	\$1,058,000	\$7,000	\$1,223,000
OUTLAW MOTORCYCLE GANG EXPLOSIVES INCIDENTS						
BOMBINGS	11	16	7	8	10	52
KILLED	1	1	0	1	1	4
INJURED	11	1	3	8	6	29
PROPERTY DAMAGE	\$82,000	\$90,200	\$10,750	\$100,000	\$25,600	\$308,550
RECOVERED EXPLOSIVES INCIDENTS						
POUNDS OF EXPLOSIVES	336	232	55	32	7	662
NUMBER OF DETONATORS	15	14	40	30	4	103
GRENADES	9	0	17	2	7	35
INCIDENTS INVOLVING MILITARY EXPLOSIVES AND/OR COMPONENTS						
BOMBINGS	58	54	54	64	98	328
KILLED	7	2	1	0	1	11
INJURED	30	39	25	8	20	122
PROPERTY DAMAGE	\$56,850	\$162,300	\$58,300	\$18,722	\$22,800	\$318,972
RADIO REMOTE CONTROLLED EXPLOSIVES INCIDENTS						
	15	28	29	31	22	125
NUMBER OF BOMBING INCIDENTS WHERE HOME COMPUTER BULLETIN BOARDS WERE USED TO OBTAIN INSTRUCTIONS ON MAKING BOMBS						
	1	2	1	4	3	11
MAILED BOMBING INCIDENTS						
BOMBINGS	12	10	20	15	13	70
KILLED	0	2	2	0	1	5
INJURED	4	1	17	8	4	34
PROPERTY DAMAGE	\$3,030	\$5,000	\$10,000	\$11,500	\$150,250	\$179,780



INVESTIGATIVE ACTIVITIES

Provides investigators with investigative leads throughout the entire investigation

STATISTICAL REPORTS

Statistical reports on explosives incidents

RESEARCH PROJECTS

Researching explosives incidents and explosive devices for trends and patterns

INTELLIGENCE

The system contains comprehensive information concerning explosives incidents throughout the United States since 1979