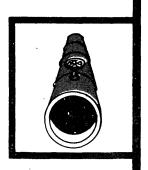
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WASHINGTON, D.C. 20594



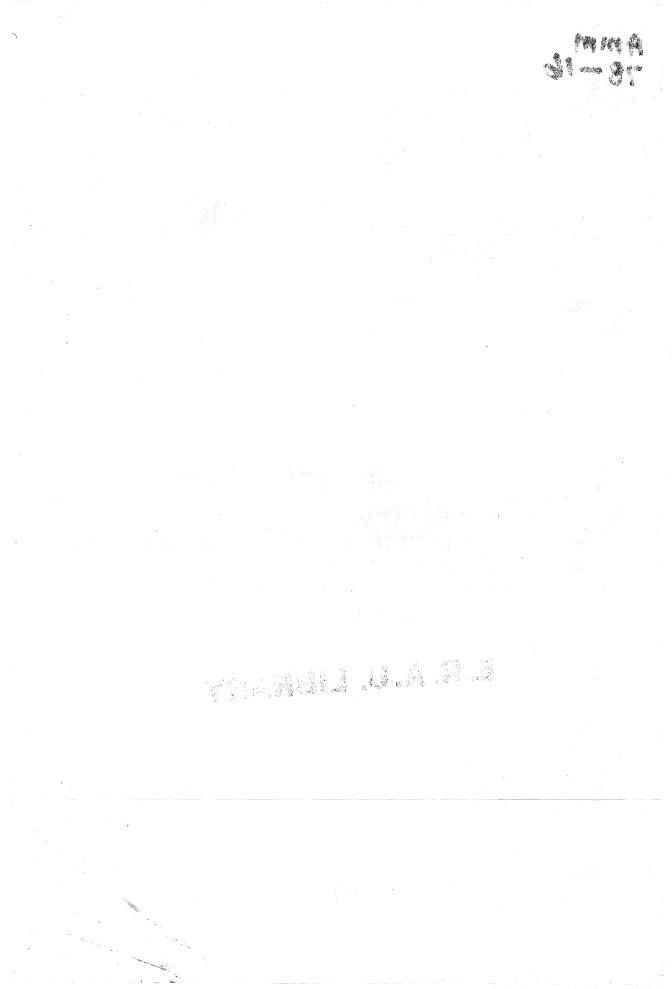
BRIEFS OF FATAL ACCIDENTS
INVOLVING
WEATHER AS A CAUSE/FACTOR



U.S. GENERAL AVIATION
1977
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#### 16.Abstract

This publication contains reports of all fatal U.S. general aviation accidents involving weather as a cause/factor for the year 1977. Included are 258 fatal accidents in the brief format. This format presents the facts, conditions, circumstances, and probable cause(s) for each accident. Additional statistical information is tabulated on all accidents involving weather as a cause/factor by type of accident, phase of operation, injury index, aircraft damage, pilots certificate, injuries and cause/factor(s). This publication will be published annually.

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#### FOREWORD

This publication contains reports of all fatal U.S. general aviation accidents involving weather as a cause/factor in Brief format arranged in order by state and date of occurrence. It also lists these accidents in order by file number. In addition, information is presented in several statistical tables which tabulate and summarize selected accident information, such as injuries, a 10 year tabulation of U.S. general aviation accidents involving weather as a cause/factor, pilot certificate, type of accident, phase of operation and causes and related factors.

In 1977, the U.S. general aviation fleet flew 38,600,000 1/ hours and were involved in 952 total and 258 fatal accidents where weather was a cause/factor resulting in total and fatal accident rates per 100,000 hours of 2.47 and 0.67 respectively. In comparison, the total number of U.S. General Aviation accidents were 4,286 of which 702 were fatal, giving total and fatal accident rates per 100,000 hours of 11.10 and 1.82, respectively.

1/ Source: This source has historically been provided by the Federal Aviation Administration as compiled from the aircraft owners completion of AC Form 8050-73. In 1977 the FAA instituted a new statistical sampling procedure to gather exposure data. At the time of this publication the exposure data from this new sampling procedure had not yet been released by the FAA. The FAA has, however, provided forecast hours flown for calendar year 1977 which have been used to compute the accident rate information contained in this publication. This rate data may be subject to revision at such time the FAA releases final exposure figures for 1977 general aviation operations.

The enclosed computer briefs are the reports of the National Transportation Safety Board and thereby subject to the limitations of 49 USC 1441(e) which states:

"No part of any report or reports of the Board, relating to any accident or the investigation thereof, shall be admitted as evidence or used in any suit or action for damages growing out of any matter mentioned in such report or reports."

In reading these reports, it should be borne in mind that they are produced directly from coded records on magnetic tape by electronic data processing equipment. Also, in reading the text, it must be borne in mind that computer language is utilized, thus requiring a number of abbreviations due to spacing limitations. Caution should be exercised in reading the Briefs of Accidents, especially those containing abbreviations in phrases and sentences.

Collisions between aircraft are treated as one accident. A coded analysis is done on each aircraft involved in a collision. This produces two aircraft accident records per accident. Consequently, when compiling information on accidents involving collisions between aircraft, the number of accident records will exceed the number of accidents.

The Briefs of Accidents contain the essential information which fulfill most requirements of persons using these reports. However, for those having a need for more detailed information, the original factual reports are on file in the Washington Office of the National Transportation Safety Board. Upon request, these reports will be reproduced commercially for a fee to cover reproduction and postage. The cost will be assessed per printed page and photograph(s) reproduced.

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#### U.S. GENERAL AVIATION

U.S. general aviation refers to the operations of U.S. civil aircraft owned and operated by persons, businesses, corporations, etc., excluding the operations of U.S. air carriers.

#### U.S. AIR CARRIER

U.S. air carrier operations include the following three operational categories:
1) certificated route air carriers 2) supplemental air carriers and 3) commercial operators of large aircraft.

#### **DEFINITIONS**

The following definitions contained in CFR 49, Part 830, paragraph 830.2 apply when used in this publication.

#### Aircraft Accident

An occurrence associated with the operation of an aircraft which takes place between the time any person boards the aircraft with the intention of flight until such time as all such persons have disembarked, and in which any person suffers death or serious injury as a result of being in or upon the aircraft or by direct contact with the aircraft or anything attached thereto, or in which the aircraft receives substantial damage.

#### Fatal Injury

Any injury which results in death within 7 days of the accident.

#### Serious Injury

Any injury which 1) requires hospitalization for more than 48 hours, commencing within 7 days from the date the injury was received; 2) results in a fracture of any bone (except simple fractures of fingers, toes, or nose); 3) involves lacerations which cause severe hemorrhages, nerve, muscle, or tendon damage; 4) involves injury to any internal organ; or 5) involves second- or third-degree burns, or any burns affecting more than 5 percent of the body surface.

#### Substantial Damage

1) Except as provided in subparagraph (2) of this paragraph, substantial damage means damage or structural failure which adversely affects the structural strength, performance, or flight characteristics of the aircraft, and which would normally require major repair or replacement of the affected component.

2) Engine failure, damage limited to an engine, bent fairings or cowling, dented skin, small punctured holes in the skin or fabric, ground damage to rotor or propeller blades, damage to landing gear, wheels, tires, flaps, engine accessories, brakes, or wingtips are not considered "substantial damage" for the purpose of this part.

#### INJURY INDEX

Injury index refers to the highest degree of personal injury sustained as a result of the accident.

#### TYPE OF ACCIDENT

Type of accident relates to the immediate circumstances of the occurrence. Many accidents involve a series of circumstances and therefore require a second type to more fully describe the sequence of events. Some examples of types of accidents are as follows:

#### Gear Collapsed

Collapse of the landing gear due to mechanical failure other than malfunction of the retracting mechanism.

#### Gear Retracted

Retraction of the landing gear due to malfunction or failure of the retracting mechanism or to inadvertent retraction by the crew. Excludes intentional gear retraction and wheels-up landing.

#### Airframe Failure

Occurrences resulting from failure of any part of the airframe while in flight or in motion on the ground. Excludes failure resulting from contact with another airplane or object, or impact with the ground, or damage from landing gear collapse or retraction.

#### Engine Failure/Malfunction

Occurrences of engine failure or malfunction for any reason. Includes engine stoppage, power interruption, or power loss, actual or simulated.

#### PHASE OF OPERATION

The phase of operation relates to the particular segment of the flight or operation during which the circumstances of the accident occur.

#### KIND OF FLYING

Refers to the purpose for which the aircraft is being operated at the time of the accident. There are four broad categories of kind of flying.

#### 1. Instructional Flying

Refers to flying accomplished in supervised training under the direction of an accredited instructor.

#### KIND OF FLYING

#### 2. Noncommerical Flying

Refers to the use of an aircraft for purposes of pleasure, personal transportation or in connection with a private business, in corporate/executive operations, and in other operations, wherein there is no direct monetary fee charged. It includes the following categories.

#### Pleasure

Flying by individuals in their own or rented aircraft for pleasure, or personal transportation not in furtherance of their occupation or company business.

#### Business

The use of aircraft by pilots (not receiving direct salary or compensation for piloting) in connection with their occupation or in the furtherance of a private business.

#### Corporate/Executive Operations

The use of aircraft owned or leased, and operated by a corporation or business firm for the transportation of personnel or cargo in furtherance of the corporation's or firm's business, and which are flown by professional pilots receiving a direct salary or compensation for piloting.

#### 3. Commercial Flying

Commercial flying includes all general aviation flying normally conducted for direct financial return, except instructional flying. It includes air taxi operations, aerial application, fire control, aerial mapping or photography, aerial advertising, power/pipeline patrol and fish spotting.

#### 4. Miscellaneous Flying

Includes other kinds of flying not covered under the other three broad categories. In some instances the criterion of direct financial return may or may not be present.

#### COLLISION BETWEEN AIRCRAFT

Collisions between aircraft are so classified only when both aircraft are occupied. This includes collisions wherein both aircraft are airborne (midair); one is airborne, the other on the ground; and both are on the ground. A collision with a parked, unoccupied aircraft is classified under the broad category of collision with objects (parked, unoccupied aircraft).

#### CAUSES AND RELATED FACTORS

In determining probable cause(s) of an accident, all facts, conditions, and circumstances are considered. The object is to ascertain those cause-effect relationships in the accident sequence about which something can be done to prevent recurrence of the type of accident under consideration. Accordingly, for statistical purposes where two or more causes exist in an accident, each is recorded and no attempt is made to establish a primary cause. Therefore, in the Cause and Related Factor Table, the figures shown in the columns dealing with Cause will exceed the total number of accidents. The term Factor is used, in general, to denote those elements of an accident which further explain or supplement the probable cause(s). This provision was incorporated in the coding system to increase its flexibility and to provide a means for collecting essential items of information which could not be categorized elsewhere in the system.

#### AIRCRAFT WEIGHT CATEGORIES

The International Civil Aviation Organization's categories of aircraft weight are utilized to classify accident data as follows:

0 -	2,250 kilograms	(0	-	4,960	pounds)
2,251 -	5,700 kilograms	(4,961	- 1	2,565	pounds)
5,701 -	27,000 kilograms	(12,566	- 5	9,525	pounds)
27,001 -	272,000 kilograms	(59,526	- 599	9,650	pounds)
272,001 -	kilograms and greater	(599,651	pounds	and	greater)

#### SMALL FIXED-WING AIRCRAFT

Fixed-wing aircraft which have a maximum gross takeoff weight of 5700 kilograms (12,565 pounds), or less.

#### LARGE FIXED-WING AIRCRAFT

Fixed-Wing aircraft which have a maximum takeoff weight greater than 5,700 kilograms (12,565 pounds).

#### ROTORCRAFT

Aircraft which in all usual flight attitudes are supported in the air wholly or in part by a rotor or rotors; i.e., by airfoils rotating or revolving about an axis.

#### TYPES OF WEATHER CONDITIONS

The types of weather conditions (VFR/IFR) are determined in accordance with the prescribed minima in Part 91 of the Federal Aviation Regulations. These minima pertain to the ceiling and visibility, in conjunction with the type of airspace, at the accident site. Type of weather conditions are based on surface weather as determined from officially recognized sources. Weather conditions encountered in flight are not necessarily representative of the classifications VFR/IFR as carried under Type of Weather Conditions.

#### LIST OF ABBREVIATIONS USED IN BRIEFS

#### **ABBREVIATION**

\$-D

S- I

UNK/NR

#### MEANING

AERIAL ADVERTISE	AERIAL ADVERTISING
ATR, FLIGHT INSTR.	AIRLINE TRANSPORT INSTRUCTOR
AIR SHOW/RACING	AIR SHOW/AIR RACING
AIR TAXI-CARGO	AIR TAXI-CARGO OPERATIONS
AIR TAXI-PASSG	AIR TAXI-PASSENGER OPERATIONS
APPROACH CTL-DEPARTURE	APPROACH CONTROL-DEPARTURE
APR CTL-TOW ENRT CTL SRV	APPROACH CONTROL-TOWER EN ROUTE CONTROL SERVICE
ASSOC CROP CTL ACTIVITIES	ASSOCIATED CROP CONTROL ACTIVITIES
ASSOC FIRE CTL ACTIVITIES	ASSOCIATED FIRE CONTROL ACTIVITIES
COMMERCIAL, FLIGHT. INSTR.	COMMERCIAL FLIGHT INSTRUCTOR
CORP /E XEC	CORPORATION/EXECUTIVE
CR-	CREW
CTR CARGO-D	CONTRACT/CHARTER-CARGO-DOMESTIC
CTR CARGO-I	CONTRACT/ CHARTER-CARGO-DONESTIC
CTR PASSG-D	CONTRACT/ CHARTER-CARGO INTERNATIONAL CONTRACT/ CHARTER-PASS ENGER-DOMESTIC
CTR PASSG-I	CONTRACT/ CHARTER-PASS ENGER-DOMESTIC CONTRACT/ CHARTER-PASS ENGER-INTERNATIONAL
LAST ENROUTE STOP	LAST PLANNED EN ROUTE LANDING POINT
MAPPING/PHOTO	AERIAL MAPPING/PHOTOGRAPHY
MIL CONTRACT CARGO INTL	MILITARY CONTRACT-CARGO-INTERNATIONAL
MIL CONTRACT PASSE INTL	MILITARY CONTRACT-PASSENGER-INTERNATIONAL
	MILITARY CONTRACT-PASSENGER-INTERNATIONAL MILITARY CONTRACT-CARGO-DOMESTIC
MILITARY CTR CARGO DOM	
MILITARY CTR PASSG DOM	MILITARY CONTRACT-PASSENGER-DOMESTIC
MIL/CTR CARGO	MILITARY CONTRACT - CARGO
MIL/CTR PASSG	MILITARY CONTRACT-PASSENGER
NR.	NEAR
NS CTR CARGO	NONS CHEDULED/ CHARTER REVENUE CARGO-INTRA-STATE
NS CTR PASSG	NONSCHEDULED/CHARTER REVENUE PASSENGER-INTRA-STATE
NS/CTR REVENUE CARGO DOM	NONS CHEDULED/ CHARTER REVENUE CARGO-DOMESTIC
NS/CTR REVENUE CARGO INTL	NONSCHEDULED/CHARTER REVENUE CARGO-INTERNATIONAL
NS/CTR REVENUE PASSG DOM	NONSCHEDULED/CHARTER REVENUE PASSENGER-DOMESTIC
NS/CTR REVENUE PASSG INTL	NONSCHEDULED/CHARTER REVENUE PASSENGER-INTERNATL
01-	OTHER AIRCRAFT AND GROUND
PARAJUMP	PARACHUTE JUMP
PRIVATE + FL. INST R.	PRIVATE FLIGHT INSTRUCTOR
PX-	PASSENGERS
RADAR CTL/SURVEILLANCE	RADAR CONTROL/SURVEILLANCE
SCHED CARGO SRV	SCHEDULED CARGO SERVICE
SCHED DOM CARGO SRV	SCHEDULED DOMESTIC CARGO SERVICE
SCHED DOM PASSG SRV	SCHEDULED DOMESTIC PASSENGER SERVICE
SCHED INTERNATL CARGO SRV	
SCHED INTERNATL PASSG SRV	SCHEDULED INTERNATIONAL PASSENGER SERVICE
SCHED PASSG SRV	SCHEDULED PASSENGER SERVICE
S= D	COMEDIA ED-DOMESTIC

SCHEDULED-DOMESTIC

SCHEDULED-INTERNATIONAL UNKNOWN/NOT REPORTED

Accidents Involving Weather as a Cause/Factor
U.S. General Aviation
1968-1977

37	General Aviation		Total Accident		Fatal Accident	P-4-1141
Year	Hours Flown 1/	Accidents	Rate 2/	Accidents	Rate 2/	Fatalities
1968	24,053,000	1070	4.44	250	1.03	562
1969	25,351,000	991	3.90	238	0.93	617
1970	26,030,000	1026	3.94	244	0.93	588
1971	25,512,000	959	3.75	255	0.99	597
1972	26,974,000	974	3.61	285	1.05	685
1973	30,048,000	967	3.21	278	0.92	619
1974	32,475,000	1014	3.12	302	0.92	702
1975	34,165,000	1005	2.94	287	0.84	645
1976	36,128,000	908	2.51	262	0.72	601
1977	38,600,000	952	2.47	258	0.67	608

<sup>1/</sup> Source: Federal Aviation Administration.

<sup>2/</sup> Accident Rates per 100,000 hours flown.

### 2

PAGE

## INJURIES.ACCIDENTS U.S. GENERAL AVIATION

#### INVOLVING WEATHER AS A CAUSE/FACTOR

1977

### INJURIES

								·
		FATAL	SERIOUS	MINOR	NONE	UNKNOWN	×	TOTAL
PILOT		245	91	122	496			954
COPIL		14	5	. 7	14			40
	STUDENT	9	10	3	16			38
	PILOT	•	10					,
	T ENGINEER				1			1
NAVIG			* * * * * * * * * * * * * * * * * * * *		-			÷
	ATTENDANT		. 1		5			<b>6</b> .
	CREW	2	1	1				4
	NGERS	336	91	145	538	•		1110
		- <b>-</b> -	<u>-</u>					
	TOTAL	606	199	278	1070		ABOARD	2153
			,,					
OTUÉN	ATRCRACT							
	ATRCRAFT					•		•
UTHER	GROUND	2		6	•			8
	•							
GRAND TO	TAL	608	199	284	1070			2161
			•					

#### ACCIDENT SITE - TERRAIN (TYPE) - (OFF AIRPORT PROPER) BY EMERGENCY LOCATOR TRANSMITTER OPERATION AND USE

### EMERGENCY LOCATOR TRANSMITTER OPERATION AND USE

				OPE	KALIU	IN ANL	, use,							
ACCIDENT SITE - TERRAIN (TYPE) - (OFF AIRPORT PROPER)		PRINTER	IN THE PARTY OF TH	or services of	e tree in the contract of the	AT HE STINE OF THE STILL SEE OF	Record Recording Control	Republic Republic Control of the Con	and the state of t	To a line of the l	LEG LORING LEG LORING	LIES FRIJORE LICH FRIJORE LORDS LORD FRIJORE LORDS LORD FRIJORE LORDS RECORDS	ACCID	JENTS PERCENT
	2	2 0	- 4			- 2						KECOKUS	ACCIO	EN13 PERCENT
MOUNTAINOUS	28	16	7		2	4	19	13	11	7	15	125	125	24.65
HILLY	3	4		• 1		3.	- 6	2	2	4	3	28	28	5.52
ROLLING	8	8	2	6	1	1	8	8	,9	8	6	65	65	12.82
LEVEL, FLAT	5	. 22	9	6	2	. 5	12	14	37	26	10	148	147	29.19
FROZEN	1	1		1							•	3	3	•59
ROCKY	. 2	1								1		4	4	•79
SANDY		2					1		1	1		5	. 5	•99
DENSE WITH TREES (FOREST, WOODED ARE	A) 3	9	3	7	1	2	. 4	6	3	3	6	47	47	9.27
CITY AREA		1	2	1				2			2	8	8	1.58
PLOWED		4		2	1				1	5	4	17	17	3.35
WATER-LAKES, RIVERS, ETC.	1	2		1	1			7	4	3	9	28	28	5.52
OTHER		3				2	1			7		13	13	2.56
UNKNOWN/NOT REPORTED		5							4	7		16	16	3.16
RECORDS	51	78	23	28	8	17	51	52	72	72	55	507		
ACCIDENTS	51	78	23	28	8	17	51	52	72	72	55		506	
PERCENTS	10.1	15.4	4.5	5.5	1.6	3.4	10.1	10.3	14.2	14.2	10.8			

#### KIND OF FLYING BY PILOT CERTIFICATE

PIL	ОΤ	CER	TIF	ICA	TE

		A <sup>i</sup>	DEM'	la <sup>te</sup> COM	MERCIA	, 24	ATE OF	MERCIAL MERCIAL	CHER HOT	AF JEMENO	NT PORTED				
KINI	O OF FLYING	<u>s</u>	64		<u>b.</u>	64	<u>ی</u>		0. 4			RECORD	S ACCIDE	NTS PERCENT	
	INSTRUCTIONAL														
	DUAL		1	5		1	22	3				32	32	3.35	
	SOLO	. 37	1									38	38	3.98	
	CHECK						1					1	ı	-10	
	TRAINING	18	4	1			1		,1			25	25	2.62	
	NONCOMMERC I AL										,				
	PLEASURE	30	371	87	8	1	30	4		1		532	531	55.77	
	<b>PRACTICE</b>	6	13	4			3					26	26	2.73	
	BUSINESS	3	66	11			6	2				88	88	9.22	
	CORPORATE/EXECUTIVE			9	5		4	2				20	20	2.10	
	AERIAL SURVEY		2	5								7	7	•73	
	COMPANY FLIGHT			. 1								1	1	•10	
	OTHER		1	ı								2	. 2	•21	
	COMMERCIAL														
	AERIAL APPLICATION			14			3	1				18	18	1.89	
	CROP CONTROL RELATED FLIGHT			23	1		3	1				28	28	2.94	
	FIRE CONTROL			1								1	1	•10	
	FIRE CONTROL RELATED FLIGHT														
	AERIAL MAPPING/PHOTOGRAPHY			2			1					3	3	•31	
	AERIAL ADVERTISING			1			2					3	3	•31	
	POWER AND PIPELINE PATROL		1	1								2	2	.21	
	FISH SPOTTING	1					1					2	2	•21	
	AIR TAXI-PASSENGER OPERATIONS			22	~ 6		7	3				38	38	3.98	
	AIR TAXI-CARGO OPERATIONS			12	4		3					19	19	1.99	
	CONSTRUCTION WORK														
	SCHEDULED PASSENGER SERVICE														
	SCHEDULED CARGO SERVICE														
	INTRA-STATE CHARTER PASSG.			í								1	1	•10	
	INTRA-STATE CHARTER CARGO.														
	MILITARY CONTRACT-PASSENGER														
	MILITARY CONTRACT-CARGO														
	CHARTER CARGO-DOMESTIC														
	CHARTER PASSG-DOMESTIC			· 2								2	2	21	
	CHARTER-CARGO-INTERNATIONAL .														
	CHARTER-PASSG-INTERNATIONAL														
	OTHER			2			2					4	4	•42	

#### KIND OF FLYING BY PILOT CERTIFICATE

PILOT CERTIFICATE

OF FLYING	51	JDEN'	MATE	MMERCIA ATR	PRIVATE ON	MERCIA	ortes w	ONE JEN	The Reported	RECORD	ACCID	ENTS PI
UNKNOWN/NOT REPORTED												
MISCELLANEOUS												
EXPERIMENTATION												
TEST		1	4		2					7	7	•7
DEMONSTRATION			2							2	2	• 2
FERRY	1	-5	10	4	5	2				27	27	2 • 8
SEARCH AND RESCUE		1	2		1					4	4	.4
AIR SHOW/AIR RACING			1	1						2	2	• 2
PARACHUTE JUMP		1	4							5	. 5	•5
PARACHUTE JUMP-AIR SHOW												
TOWING GLIDERS		1	3							4	4	.4
SEEDING CLOUDS				•								
HUNT ING					1					1	1	-10
POLICE PATROL												
HIGHWAY TRAFFIC ADVISORY			. 1							1	. 1	• 1
ALL OTHER PUBLIC FLYING					1	1				2	2	•2
OTHER	1		1							2 .	2	•2
UNKNOWN/NOT REPORTED		3				1				4	4	•4
RECORDS	97	472	233	29	2 99	20	1	1 1		954	•	•
ACCIDENTS	97	471	233	29	2 99	20	1	1 1			952	

### FIRST TYPE OF ACCIDENT BY AIRCRAFT DAMAGE AIRCRAFT DAMAGE

	AIRC	KAI	IDAMAGE						
FIRST TYPE OF ACCIDENT	deste	o <sup>teb</sup>	STANTIAL MONE	· :		RECOR	DS ACCI	DENTS PERCEN	IT.
GROUND-WATER LOOP-SWERVE	5 12	27	2			134	134	14.05	
DRAGGED WINGTIP POD OR FLOAT		6				6	6	.63	
WHEELS-UP LANDING		3	1			4	4	•42	
WHEELS-DOWN LANDING IN WATER									
GEAR COLLAPSED		6					6	•63	
GEAR RETRACTED									
HARD LANDING	6	51	1 1			59	59	6.18	
NOSE OVER/DOWN	2	45				47	47	4.93	
ROLL OVER	1	3				4	4	•42	
OVERSHOOT .	3 :	23				26	26	2.73	
UNDERSHOOT	5 2	29				34	34	3.56	
COLLISION BETWEEN AIRCRAFT									
BOTH IN FLIGHT	2					2	1	•21	
ONE AIRBORNE									
BOTH ON GROUND		1	ī			2	1	.21	
COLLISION WITH GROUND/WATER									
CONTROLLED	58	35	1			94	94	9.85	
UNCONTROLLED	83	16				99	99	10.38	
COLLIDED WITH									
WIRES/POLES	7	9				16	16	1.68	
TREES	42	34	1			77	. 77	8.07	
RESIDENCE/S	1					1	1	•10	
BUILD ING/S									
FENCE, FENCEPOSTS	2	14				16	16	1.68	
ELECTRONIC TOWERS									
RUNWAY OR APPROACH LIGHTS		1				1	1	•10	
AIRPORT HAZARD		1				1	ı	•10	
ANIMALS									
CROP		2				2	2	•21	
FLAGMAN LOADER									
DITCHES	2	7				9	9	•94	
SNOWBANK.		6				6	6	•63	
PARKED AIRCRAFT (UNATTENDED)		1				1	1	•10	
AUTOMOBILE								**************************************	
DIRT BANK	3	8				11	11	1.15	
OTHER	5	8				13	13	1.36	

PAGE 6

#### FIRST TYPE OF ACCIDENT BY AIRCRAFT DAMAGE

#### AIRCRAFT DAMAGE

	AIRCRAFT DAMAGE		
FIRST PE OF ACCIDENT	DESPOYED SERVICE MINOR MORE	RECORDS ACCIDENTS PERCEN	<u>T</u>
BIRD STRIKE			
STALL	17 25	42 42 4.40	
SPIN	20 1	21 21 2.20	
SPIRAL	1 1	2 2 •21	
MUSH	16 54.	70 70 7.34	
FIRE OR EXPLOSION			
IN FLIGHT			
ON GROUND			
AIRFRAME FAILURE			
IN FLIGHT	24 2	26 26 2.73	
ON GROUND	1	1 1 .10	
ENGINE TEARAWAY			
ENGINE FAILURE OR MALFUNCTION	28 78	106 . 106 11.11	
PROPELLER/ROTOR FAILURE			
PROPELLER	1	1 1 .10	
TAIL ROTOR			
MAIN ROTOR			
PROP ROTOR ACONT TO PERSON			
JET INTAKE/EXH ACONT TO PERS			
PROPELLER/JET/ROTOR BLAST			
TURBULENCE	2 7 1	10 10 1.05	
HAIL DAMAGE TO AIRCRAFT	1	1 . 1 •10	
LIGHTNING STRIKE			
EVASIVE MANEUVER	·		
UNCONTROLLED ALT DEVIATION		·	
DITCHING	1 .	1 1 .10	
MISSING ACFT NOT RECOVERED			
MISCELLANEOUS/OTHER			
UNDETERMINED	2	2 2 21	
•			
RECORDS	338 607 6 3	954	
ACCIDENTS	337 607 6 3	952	
PERCENTS	35.4 63.6 .6 .3		

#### FIRST PHASE OF OPERATION BY INJURY INDEX

#### INJURY INDEX

ОР	FIRST ERATIONAL PHASE	4P	TALSER	r <sub>long</sub>	HOQ NE		RECORDS	ACCIDEN	TS PERCENT
	STATIC								
	STARTING ENGINE/S								
	IDLING ENGINE/S				1		1	1	.10
	ENGINE RUNUP			1			1	1	.10
	IDLING ROTORS				1		1	1	•10
	PARKED-ENGINES NOT OPERATING								
	OTHER								
	TAXI								
	TO TAKEOFF				15		15	15	1.57
	FROM LANDING				19		19	19	1.99
	OTHER				3		3	3	•31
	GROUND TAXI TO TAKEOFF								
	GROUND TAXI FROM LANDING								
	GROUND TAXI, OTHER								
	AERIAL TAXI TO TAKEOFF				1		1	1	•10
	AERIAL TAXI TO/FROM LANDING								
	AERIAL TAXI, OTHER								
	TAKEOFF								
	RUN	1	1	4	37		43	43	4.51
	INITIAL CLIMB	23	16	14	70		123	123	12.89
	VERTICAL			2	1		3	. 3	•31
	RUNNING (ROTORCRAFT/VTOL-STOL)			1			1	1	•10
	ABORTED (FIXED-WING)			2	9		11	11	1.15
	ABORTED (ROTORCRAFT/VTUL)						•		
	ABORTED (ROTORCRAFT/STOL)								
	OTHER								
	INFLIGHT								
	CLIMB TO CRUISE	24	4	4	3		35	35	3.67
	NORMAL CRUISE	58	15	18	27		118	117	12.37
	DESCENDING	6	. 3	4	4		17	17	1.78
	HOLDING (IFR)								
	HOVERING				. 3		3	3	•31
	POWER-ON DESCENT (ROTORCRAFT)								
	AUTOROTATIVE DESCENT				1		1	1	.10
	ACROBATICS	1 .			1				•21
	BUZZING	1					1	1	•10

#### FIRST PHASE OF OPERATION BY INJURY INDEX

#### INJURY INDEX

ATIONAL PHASE	48	SV	OUS	HORNE	RECORDS	ACCIDENTS	PERCEN
INCONTROLLED DESCENT	71	1	3	3	78	78	8.18
EMERGENCY DESCENT				1 .	1	1	•10
.OW PASS	2	1	2	4	9	9	.94
DTHER	21	7	4	1	33	33	3.46
EN ROUTE TO TREAT CROP			1	1	2	ż	•21
EN ROUTE TO RELOADING AREA							
SURVEY FIELD/AREA							
STARTING SWATH RUN		1	2	1	4	4	•42
SWATH RUN		1	1		2	2	•21
FLAREOUT FOR SWATH RUN							
PULLUP FROM SWATH RUN	1		1	1	3	3	•3,1
PROCEDURE TURNAROUND		3	1	, <b>3</b>	7	7	.73
CLEANUP SWATH		•					
MANEUVER TO AVOID OBSTRUCTION							
RETURN TO STRIP				1	1	1	•10
ANDING							
FRAFFIC PATTERN-CIRCLING	10	• 3	3	.4	20	20	2.10
INAL APPROACH (VFR)	. 8	16	17	30	71	71	7.44
INITIAL APPROACH	6	1	1		8	8	.84
FINAL APPROACH (IFR)	12	2	6	3	23	23	2.41
LEVEL DFF/TOUCHDOWN	2	10	17	90	119	119	12.47
ROLL (FIXED WING)		1	11	105	117	117	12.26
ROLL-ON/RUN-ON (ROTORCRAFT)					•		
POWER-ON LANDING (ROTORCRAFT)		1	3	4	8	8	.84
POWER-OFF AUTOROTATIVE LOG				1	1	1	•10
GO-AROUND (VFR)	4	8	6	17	35	35	3.67
MISSED APPROACH (IFR)	5	2 .	1	1	9	9	.94
OTHER	. 1			1	2 .	2	•21 .
UNKNOWN/NOT REPORTED	. 2				2	2	•21
RECORDS	259	97	130	468	954		
ACCIDENTS	258	97	130	467		952	
PERCENTS	27.1	10.2	13.6	49.1			

#### INVOLVING WEATHER AS A CAUSE/FACTOR

#### U.S. GENERAL AVIATION ACCIDENTS

1977

#### (EXCLUDES ACCIDENTS WITHOUT CAUSAL ASSIGNMENT)

INVOLVES

952 TOTAL ACCIDENTS

INVOLVES

258 FATAL ACCIDENTS

		FAT	AL ACCIDE	NTS	NONFATAL ACCIDENTS			ALL ACCIDENTS		
	BROAD CAUSE/FACTOR	CAUSE	FACTOR	TOTAL*	CAUSE	FACTOR	TOTAL*	CAUSE	FACTOR	TOTAL*
	PILOT	25 0 96 • 9 0	53 20•54	251 97 <b>.</b> 29	646 93 • 08 -	59 8.50	652 93 •95	896 94•12	112 11.76	903 94.85
	PERSONNEL	1•55	7 2•71	11 4•26	25 3.60	7 1.01	30 4•32	29 3.05	14 1•47	41 4.31
	AIRFRAME	1 •39	9 3•49	10 3.88	1 •14	1 •14	2 •29	2 •21	10 1•05	12 1.26
- ס <u>ר</u>	LANDING GEAR	•00	•00	•00	2 •29	4 •58	6 •86	2 •21	4 •42	6 •63
AGE	POWERPLANT	7 2.71	5 1•94	11 4.26	26 3•75	2 •29	27 3.89	33 3.47	7 •74	38 3.99
10	SYSTEMS	1 •39	1 •39	2 •78	5 •72	4 •58	9 1.30	6 •63	5 •53	11 1•16
	INSTRUMENTS/EQUIPMENT & ACCESSORIES	•00	1 • 39	1 •39	•00	3 •43	3 •43	•00	4 • 42	4 •42
	ROTORCRAFT	•00	•00	•00	- •00	•00	•00	•00	•00	•00
	AIRPORT/AIRWAYS/FACILITIES	•00	3 1.16	3 1.16	6 •86	48 6•92	54 7•78	6 •63	51 5•36	57 5•99
	WEATHER	7 2•71	252 97.67	258 100.00	74 10.66	628 90•49	693 99•86	81 8•51	880 92.44	951 99.89
	TERRAIN	4 1•55	41 15.89	45 17.44	21 3.03	96 13.83	117 16.86	25 2•63	137 14•39	162 17.02
	MISCELLANEOUS	•00	1 •39	1 •39	9 1.30	4 •58	13 1.87	9 •95	5 •53	14 1.47
	UNDETERMINED	5 1•94	. •00	5 1•94	3 •43	•00	3 •43	8 •84	•00	8 •84

THE FIGURES OPPOSITE EACH CAUSAL CATEGORY REPRESENT THE NUMBER AND PERCENT OF ACCIDENTS IN WHICH THAT PARTICULAR CAUSAL CATEGORY WAS ASSIGNED

<sup>\*</sup> IF AN ACCIDENT INCLUDES BOTH A CAUSE AND RELATED FACTOR IN THE SAME CAUSAL CATEGORY. THE ACCIDENT IS REPRESENTED ONCE UNDER THE TOTAL FOR THAT CATEGORY

#### INVOLVING WEATHER AS A CAUSE/FACTOR

#### U.S. GENERAL AVIATION ACCIDENTS

1977

#### (EXCLUDES ACCIDENTS WITHOUT CAUSAL ASSIGNMENT)

INVOLVES

952 TOTAL ACCIDENTS

INVOLVES 258 FATAL ACCIDENTS

	FATAL ACCIDENTS		NONFATAL ACCIDENTS			ALL ACCIDENTS		NTS	
DETAILED CAUSE/FACTOR	C AU SE	F AC TOR	TO TAL	CAUSE	FAC TOR	TOTAL	CAUSE	FAC TOR	TO TAL
** PILOT **									
PILOT IN COMMAND									
ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT	3	5	8	3		3	6	5	11
ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL BECAME LOST/DISORIENTED	27 5	7	34 5	18 8	3 5	21 13	45 13	10 5	55 18
CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS	104	4	108	52	5	57	156	9	165
CONTINUED INTO KNOWN AREA OF SEVERE TURBULENCE	3		3	. 3		.3	6		6
DELAYED ACTION IN ABORTING TAKEOFF DELAYED IN INITIATING GO-AROUND	2	1	3	10 23	1	10 24	10 25	2	10 27
DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT	ì	•	í	7	4	11	8	4	\ 12
EXCEEDED DESIGN STRESS LIMITS OF AIRCRAFT	20		20	3		3	23		23
FAILED TO EXTEND LANDING GEAR FAILED TO SEE AND AVOID OTHER AIRCRAFT	2		2	1		1	1 2		1 2
FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS	5		5	10		10	15		15
FAILED TO OBTAIN/MAINTAIN FLYING SPEED	37		37	102		102	139		139
MISJUDGED, SPEED, ALTITUDE OR CLEARANCE FAILED TO MAINTAIN ADEQUATE ROTOR RPM	1		1	.3 5		3 5	3 6		' 3 6
FAILED TO USE OR INCORRECTLY USED MISC EQUIPMENT	Ž		2	1		1	3		3
FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES ETC IMPROPER OPERATION OF POWERPLANT + POWERPLANT CONTROLS	4 5	1 1	5	5 47	1	6	9 52	2	11
IMPROPER OPERATION OF POWERPLANT 4 POWERPLANT CONTROLS	,	1	6	36	9	50 36	36	-	56 36
IMPROPER OPERATION OF FLIGHT CONTROLS.	8		8	18	1	19	26	1	27
PREMATURE LIFT OFF IMPROPER LEVEL OFF	2 1		. 2 1	14 44		14 44	16 45		16 45
IMPROPER IFR OPERATION	17	2	19	9		9	26	2	28
IMPROPER IN-FLIGHT DECISIONS OR PLANNING	45	6	51	62	1	63	107	7	114
IMPROPER COMPENSATION FOR WIND CONDITIONS INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING	37	1 18	1 55	114 62	2 15	116 77	114 99	. 3	117 132
INADEQUATE SUPERVISION OF FLIGHT	3	1.,	íš	10	í	11	13	1	14
LACK OF FAMILIARITY WITH AIRCRAFT	1	7	8	6	7	13	. 7	14	21
MISMANAGEMENT OF FUEL EXERCISED POOR JUDGMENT	9	1	9 5	8 18		8 18	17 22 ·	1	17 23
SELECTED UNSUITABLE TERRAIN	1	•	í	35	2	37	36	2	38
TAXIED/PARKED WITHOUT PROPER ASSISTANCE				11		11	11		11
FAILED TO ASSURE THE GEAR WAS DOWN AND LOCKED INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS	30	1	31	22	3	3 25	3 52	4	3 56
MISJUDGED DISTANCE, SPEED, AND ALTITUDE	7	_	7	10		10	17		17
MISJUDGED DISTANCE AND SPEED MISJUDGED DISTANCE	1		1	26	1	27 1	27 1	1	28 1
MISJUDGED DISTANCE AND ALTITUDE	1		1	28	1	29	29	1	30
MISJUDGED SPEED AND ALTITUDE				3		3	3	_	3
MISJUDGED SPEED MISJUDGED ALTITUDE AND CLEARANCE	2		2	3	1	1 3	5	1	1 5
MISJUDGED ALTITUDE	4		4	4		4	8		8
MISJUDGED CLEARANCE	3		3	13		13	16	1	16 1
INADEQUATE TRAINING OF STUDENT IMPROPER RECOVERY FROM BOUNCED LANDING				23	1	1 23	23	1	23
INCAPACITATION	1		1				1		1
PHYSICAL IMPAIRMENT	- 4	3	7	1		1	5	3	8
SPATIAL DISORIENTATION MISUSED OR FAILED TO USE FLAPS	83 3	1	83 4	13	2	13 5	96 6	3	96 9
FAILED TO MAINTAIN DIRECTIONAL CONTROL				60		60	60		60
SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND FAILED TO ABORT TAKEOFF	1	1	2 4	19 18	1	20 18	20 22	2	22 22
FAILED TO INITIATE GO-AROUND	4		-	36	3	39	36	3	39
DIRECT ENTRIES	1		1				1		1
SUBTOTAL	494	.60	554	1034	64	1098	1528	124	1652
COPILOT DELAYED IN INITIATING GD-ARDUND	1		1				1		1

IMPRODED COMPENSATION FOR HIND CONDITIONS (CONTINUE									
IMPROPER COMPENSATION FOR WIND CONDITIONS (CONTINU		AL ACC'I			TAL ACC		, ΔΓ	L ACCIDE	NTS
DETAILED CAUSE/FACTOR	CAUSE	F AC TOR	TO TAL	CAUSE	FAC TOR	TOTAL	CAUSE	FACTOR	TOTAL
IMPROPER COMPENSATION FOR WIND CONDITIONS	1		1				1		1
LACK OF FAMILIARITY WITH AIRCRAFT PHYSICAL IMPAIRMENT	1	1	1 1				1	1	1 1
SUBTOTAL	3	1	4				. 3	1	4
DUAL STUDENT						1	1		1
CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT				1		1	ī		ī
FAILED TO OBTAIN/MAINTAIN FLYING SPEED IMPROPER OPFRATION OF BRAKES AND/OR FLIGHT CONTROLS	1		1	2		2	3		3 2
IMPROPER COMPENSATION FOR WIND CONDITIONS MISJUDGED DISTANCE AND ALTITUDE				2 1		2 1	2		2
SPATIAL DISORIENTATION FAILED TO MAINTAIN DIRECTIONAL CONTROL	1		1	2		. 2	1 2		1 2
FAILED TO INITIATE GO-AROUND				1		1	1		1
SUBTOTAL	2		2	12		12	14		14
** PERSONNEL **									
FLIGHT INSTRUCTOR INADEQUATE SUPERVISION OF FLIGHT		1	1	В		. 8	8	1	9
MAINTENANCE, SERVICING, INSPECTION IMPROPER MAINTENANCE(MAINTENANCE PERSONNEL)	1		1	1		1	2		. 2
IMPROPERLY SERVICED AIRCRAFT(GROUND CREW) INADEQUATE INSPECTION OF AIRCRAFT(MAINTENANCE PERSONNEL)	1		1	2	1 1	1 3	3	1 1	1 4
INADEQUATE MAINTENANCE AND INSPECTION OPERATIONAL SUPERVISORY PERSONNEL	. 1	1	2	7	1	8	. 8	2	10
INADEQUATE SUPERVISION OF FLIGHT CREW FAILURE TO PROVIDE ADEQ DIRECTIVES, MANUALS, EQUIPMENT		1	1	. 1	1	1 1	1	1 1	2 1
WEATHER PERSONNEL INCORRECT WEATHER FORECAST	1	3	4				. 1	3	4
TRAFFIC CONTROL PERSONNEL FAILURE TO ADVISE OF UNSAFE WEATHER CONDITION		1	1					1	1
ISSUED IMPROPER OR CONFLICTING INSTRUCTIONS AIRPORT SUPERVISORY PERSONNEL				1		1	1	_	.1
FAILURE TO NOTIFY OF UNSAFE COND/AND OR FAILURE TO MARK IMPROPER/INADEQUATE SNOW REMOVAL				2	1	1 2	2	1	1 2
AIRWAYS FACILITIES PERSONNEL PRODUCTION-DESIGN-PERSONNEL									
POOR/INADEQUATE DESIGN MISCELLANEOUS-PERSONNEL				1		1	1		1
PILOT OF OTHER AIRCRAFT GROUND CREWMAN	2		2	2	1 1	3 1	4	1 1	5 1
OTHER THIRD PILOT	1		1				1		1
FLIGHT ENGINEER FLIGHT PERSONNEL									
FLIGHT ATTENDANT DISPATCHING (AIR CARRIER ONLY)				1		1	1		1
SURTOTAL	7	7	14	26	7	33	33	14	47
** AIRFRAME **									
WINGS Spars		1	1					1	1
WING ATTACHMENT FITTINGS, BOLTS SKIN AND ATTACHMENTS		2 2	2 2					2 2	2 2
OTHER FUSELAGE		2	2					2	2
DORRS, DOOR FRAMES OTHER		2	2		. 1	1		1 2	1
LANDING GEAR		2	2						2
NORMAL RETRACTION/EXTENSION ASSEMBLY TAILWHEEL ASSEMBLIES				1	1	1	1	1	1
WHEELS, TIRFS, AXLES ARAKING SYSTEM (NORMAL)				1	2	1	1	2	2
LANDING GEAR WARNING AND INDICATING COMPONENTS FLIGHT CONTROL SURFACES		_	_		. 1	1		1	1
ELEVATOR, ASSEMBLY ATTACHMENTS ALLERON, SURFACES ATTACHMENTS	1	1	2	1		1	1 1	1	1
HORIZONTAL STABILIZER, ATTACHMENTS OTHER		1 2	1 2					1 2	2
SURTOTAL	1	13	14	3	. 5	8	4	18	22

				NONFATAL ACCIDENTS			ALL ACCIDENTS		
DETAILED CAUSE/FACTOR	CAUSE	F AC TOR	TO TAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
** POWERPLANT **						,			
ENGINE STRUCTURE									
CRANKCASE Crankshaft	1		1	1 1		1 1	1 2		1 2
CYLINDER ASSEMBLY PISTON, PISTON RINGS	. 1		1	1		1	1		1 1
VALVE ASSEMBLIES	. 1	1	i	. 1		1	1	1	2
BLOWER, IMPELLER ASSEMBLY OTHER				1 1		1 1	1 1		1 1
IGNITION SYSTEM MAGNETOES				2	1	3	2	1	3
SPARK PLUG				1	1	1	1	1	1
IGNITION HARNESS, SHIELDING FUEL SYSTEM				1		1	1		1
LINES AND FITTINGS SELECTOR VALVES				1 1		1	1		1
FUEL INJECTION SYSTEM	1		1	=		1	1 1		1 1
VENTS, DRAINS, TANK CAPS OTHER	1		1	1 2		1 2	1 3		1 3
LUBRICATING SYSTEM LINES, HOSES, FITTINGS		1	1				•	1	1
COOLING SYSTEM		1	1					1	1
PROPELLER AND ACCESSORIES BLADES					1	1		1	1
GOVERNORS OTHER		1	1	1 1	_	1 1	1 1	1	1 2
EXHAUST SYSTEM		1	1	1		1	1	1	. 2
ENGINE ACCESSORIES. VACUUM PUMPS	1		1				1		1
ENGINE CONTROLS INDUCTION AIR, PREHEAT CONTROLS				1		,			
POWERPL ANT-INSTRUMENTS				1		1	1		1
FUEL QUANTITY GAUGE MISCELLANEOUS		1	1					1	1
POWERPLANT FAILURE FOR UNDETERMINED REASONS	2	1	3	11		11	13	1	14
REDUCTION GEAR ASSEMBLY COMPRESSOR ASSEMBLY									
COMBUSTION ASSEMBLY TURBINE ASSEMBLY									
ACCESSORY DRIVE ASSEMBLY									
LUBRICATING SYSTEM OTHER				1		1	1		1
FUEL SYSTEM SAFETY SYSTEM									
IGNITION SYSTEM									
TORQUEMETER AIR BLEED									
EXHAUST SYSTEM THRUST REVERSER									
PROPELLER SYSTEM									
CONSTANT SPEED DRIVE POWER LEVER									
PROPELLER LEVER REVERSE THRUST LEVER									
ENGINE INDICATING EQUIPMENT ENGINE INSTALLATION									
SUBTOTAL	7	5	12	. 30	2	32	37	7	44
** SYSTEMS **	•	,	12		-	.72	.,,	•	
ELECTRICAL SYSTEM GENERATORS/ALTERNATORS					2	2		2 .	2.
REGULATOR PROTECTIVE DEVICES		1	1		1	1		1 1	1 1
HYDRAULIC SYSTEM				,			,	1	2
RESERVOIR, LINES, FITTINGS FLIGHT CONTROL SYSTEMS				1	1.	2	1	1	
ELEVATOR AND ELEVATOR TAB CONTROL SYSTEM ANTI-ICING, DE-ICING SYSTEMS				1		1	1		1
CARBURETOR DE-ICING SYSTEM				3		3	3		3
AIR CONDITION, HEATING AND PRESSURIZATION OTHER	1		1				1		1
AUTO PILOT FIRE WARNING SYSTEM									
FIRE EXTINGUISHER SYSTEM									

SYSTEMS (CONTINUED)	FAT	AL ACCIO	DENTS	NONFATAL ACCIDENTS			ALL ACCIDENTS		
DETAILED CAUSE/FACTOR	CAUSE	FACTOR	TOTAL		FACTOR		CAUSE	FACTOR	TOTAL
OXYGEN SYSTEM OTHER SYSTEMS									
SUBTOTAL	1	1	ż	5	4	9	. 6	5	11
** INSTRUMENTS/EQUIPMENT AND ACCESSORIES **									
FLIGHT AND NAVIGATION INSTRUMENTS	2								
AIRSPEED ATTITUDE GYRO		1	1		. 2	2		2 1	2 1
OTHER COMMUNICATIONS AND NAVIGATION EQUIPMENT MISCELLANEOUS EQUIPMENT					1	1		1	1
SUBTOTAL		1	1		3	3		. 4	4
** AIRPORTS/AIRWAYS/FACILITIES **					:				
AIRPORT FACILITIES									
INSTRUMENT LANDING SYSTEM APPROACH LIGHTING		1 1	1 1		1	1		1 2	1 2
RUNWAY LIGHTING OTHER		1 1	1		3	·3		1 4	1 4
AIRPORT CONDITIONS WET RUNWAY				2	9	. 11	2	9	11
ICE/SLUSH ON RUNWAY SNOW ON RUNWAY		1	1	1 2	4	5 8	1 2	4	5
SNOW WINDROWS SOFT SHOULDERS (RUNWAY)		•	-	-	5 3	5		, 3	5 3
ROUGH WATER		_			1	1		1	1
HIGH VEGETATION HIDDEN HAZARD		1	1	1	2	2 1	1	3.	3 1
POORLY MAINTAINED RUNWAY SURFACE SOFT RUNWAY					2 4	2 4		2 4	· 2
SOFT SHOULDERS (RAMP/TAXIWAY) OTHER				i	1 11	1 12	1	1 11	1 12
AIRWAYS FACILITIES									
SUBTOTAL		6	6	7	52	59	7	58	65
** WEATHER **									
LOW CEILING RAIN	2	137 51	139 51		- 59 42	59 42	2	196 93	· 198 93
FOG SNOW	2	97 23	99 23		64 14	64 14	2	161 37	163 37
HAIL ICING CONDITIONS-INCLUDES SLEET, FREEZING RAIN, ETC.	,	1	1	1	1	2	1	2 31	3 32
CONDITIONS CONDUCIVE TO CARB/INDUCTION SYSTEM ICING	1	15 7	16 7	21	16 53	16 53	1	60	60
UNFAVORABLE WIND CONDITIONS WIND SHEAR		12 3	12 3	31 5	271 4	302 9	31 5	283 7	314 12
SUDDEN WINDSHIFT TURBULENCE IN FLIGHT. CLEAR AIR	1	4	5	15	20 6	35 6	15 1	10	35 11
TURBULENCE ASSOCIATED WITH CLOUDS AND/OR THUNDERSTORMS OOWNDRAFTS, UPDRAFTS	1 1	13 14	14 15	2 13	13 53	15 66	3 14	26 67	29 81
LOCAL WHIRLWIND		1	1	9	2	11	. 9	2 1	11
SQUALL LINE ADVERSE WINDS ALOFT		1	ī	1	2	3	1.	1 2	1
HIGH TEMPERATURE		4 11	4	-	23 5	23	1.	27	27
OBSTRUCTIONS TO VISION HIGH DENSITY ALTITUDE		20	11 20		77	77		16 97	16 97
THUNDERSTORM ACTIVITY OTHER		24 5	24 . 5	2	20 3	22 3	2	44 8	46 8
SUBTOTAL	8	443	451	. 79	748	827	87	1191	1278
** TERRAIN **						•			
WET, SOFT GROUND				4	11	15	4	11	15
SNOW-COVERED ICY		_	_	6	1	10 1	6	1	10
HIGH VEGETATION HIDDEN ORSTRUCTIONS		1	1	1 1	6	7	1	7 1	8 2
ROUGH/UNEVEN		11	2	7	15 1	22 1	8	16 1	24 1

RAIN (CONTINUED)		AL ACCID			NONFATAL ACCIDENTS			ALL ACCIDENTS		
TAILED CAUSE/FACTOR		FACTOR			FACTOR			FAC TOR		
LASSY WATER					1	1		1		
IGH OBSTRUCTIONS	3	39	42	3	54	57	6	93	90	
OOSE GRAVEL Ther		1 1	1 1		5	5		1 6	1	
SUBTOTAL	4	43	47	22	99	121	26	142	168	
MISCELLANEOUS **										
MOKE IN COCKPIT					1	1		1	1	
OREIGN MATERIAL AFFECTING NORMAL OPERATIONS NDETERMINED	. 5		5	1		1	1 8		ا .	
ROP/JET/ROTOR BLAST	. ,		,	í		í	ï			
VASIVE MANEUVER TO AVOID COLLISION		1	1	5	. 3	8	5	4	Ġ	
NOUALIFIED PERSON OPERATED AIRCRAFT				2		2	2			
SUBTOTAL	5	1	6	. 12	4	16	17	5	22	
GRAND TOTAL	532	581	1113	1230	988	2218	1762	1569	3331	
MISCELLANEOUS ACTS. CONDITIONS **										
NAPPROVED MODIFICATION					1	1		1		
REVIOUS DAMAGE				1	2	3	1	2		
EAK/LEAKAGE OW COMPRESSION		1 2	1 2	1 4		1 4	1 4	1 2		
OMNMIND OM COMPKE 22 I ON		3	3	1	28	29	1	31	3	
ARBON DEPOSITS				ī		1	ī			
INDING				1.		1	1			
HAFFED ISCONNECTED				1 2		1 2	1 2			
RRATIC		1	1	2	1	1	2	2		
LUTTER	1	•	î		•		1	_		
RAYED				2		2	2			
PEN' RESSURE TOO LOW				1	1	1 1	1	1		
CE-INDUCTION				1		1	1			
EAT BELT SIGN ON					1	i	•	1		
OAD MOT JETTISONED				1	1	2	1	1		
NTENTIONAL GROUND-WATER LOOP-SWERVE				2	2	4	2	2		
NTENTIONAL WHEELS UP AN OFF END OF RUNWAY				1	19	1 19	1	19	1	
LTIMETER SETTING-INCORRECT	1		1	1	2	3	2	ź		
NTI-ICING/DEICING EQUIP-IMPROPER OPER. OF/FAILED TO USE	4		4	40		40	44		4	
HECKLIST-FAILED TO USE	_		_		2	2		2		
ISREGARD OF GOOD OPERATING PRACTICE MPROPER EMERGENCY PROCEDURES	1		1 2	2	1	1 2	1	1		
EATHERED WRONG ENGINE	1		1	2		2	ī			
UST LOCKS ENGAGED	_		_	1		1	1			
NSTRUMENTS-MISREAD OR FAILED TO READ	1	1	2	3		3	4	1		
EAT BELT NOT FASTENED OT ALLIGNED WITH RUNWAY/INTENDED LANDING AREA	1	1	1	1 2		1 2	1	1		
NWARRANTED LOW FLYING	2	2	4	3	3	.6	ś	5		
AILED TO EXTEND THE LANDING FLAPS	_	_	•		ī	ī		1		
AILED TO USE ALL AVAILABLE RUNWAY		1	1		1	1		2		
NATTENTIVE TO FUEL SUPPLY LEW INTO BLIND CANYON	4 6	1	4 7	6		6	4 12	1		
OORLY PLANNED APPROACH	0	1	,	2	8	10	2	8	1	
ISCALCULATED FUEL CONSUMPTION		1	1					1		
ETTISONED LOAD TOLEN OR UNAUTHORIZED USE OF AIRCRAFT		2	2		8 1	8 1		8 3		
MPROPERLY SECURED		_	_		į	1		1		
OMMUNICATIONS FAILURE		1	1				_	1		
ATIGUE FRACTURE YDRAULIC FAILURE	2		2	1	1	1 1	3	1		
PM-UNCONTROLLABLE-OVERSPEED				1	1	1	1	1		
INDSHIELD, DIRTY, FOGGY, ETC-RESTRICTED VISION		1	. 1	•	3	3	•	4		
RONG PART		1	1			•		1		
MPROPER ALIGNMENT/ADJUSTMENT	1.		1	2	1	3	3	1		
AILURE OF TWO OR MORE ENGINES EPARATION IN FLIGHT		1 20	1 20	1	1	1 1	1	1 21	2	
		20	5		3	3		8	•	
ILOT FATIGUE		. 5	9							
	4	. 5	4	8 1	?	8 1	12 5	2	1	

FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
CAUSE	F AC TOR	TO TAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
					4.5			49
4		•	1		1	1		1
4	3	7	7	6	13	11	9	20
	2	2	2	.4	6	2	6	8
2	3	5	5	3	8	7	. 6	13
			1		1	1		1
	1	1	2	2	4	2	3	5
	1	. 1					1	1
	1	1		4	4		· 5	5
1	1	2				1	1	2
	11	11		11	11		22	22
				8	8		8	8
			3	3	6	3	3	6
1	.15	16	1	71	72	2	86	88
2		2	5		5	7		7
5		5	4		. 4	9		9
	C AU SE	CAUSE FACTOR  4  4  2  2  3  1  1  1  1  1  1  1  1  1  1  1  1	CAUSE FACTOR TOTAL  4	CAUSE FACTOR TOTAL CAUSE  4 4 5 1 4 3 7 7 2 2 2 2 3 5 5 1 1 1 2 1 1 1 1 1 2 11 1 1 3	CAUSE FACTOR TOTAL CAUSE FACTOR  4 4 45 4 2 2 2 2 4 4 2 3 5 5 3 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CAUSE FACTOR TOTAL CAUSE FACTOR TOTAL  4	CAUSE FACTOR TOTAL CAUSE FACTOR TOTAL CAUSE  4	CAUSE FACTOR TOTAL CAUSE FACTOR TOTAL CAUSE FACTOR  4

DIRECT ENTRY CAUSES

PILOT-FAILED TO MAINTAIN POSITIVE RATE-OF-CLIMB

DIRECT ENTRY CAUSES ARE CARRIED UNDER THEIR APPROPRIATE CAUSAL CATEGORIES AND ARE INCLUDED IN THE TOTALS

### WEATHER AS A CAUSE/FACTOR

# U.S. GENERAL AVIATION 1977 (IN FILE ORDER SEQUENCE)

FILE NUMBER	AIRCRAF REGIST.	T DATE	LOCATION	AIRCRAF MAKE	MODEL	INJURY INDEX
3 0001	N631PT	022477	BRESSLER,PA	PIPER	PA-31T	FATAL
3 0022	N94972	011677	NSONOMA, CA	BEECH	C45H	FATAL
3 0146	N73478	012477	FORKS • WA	CESSNA	172M	FATAL
3 0152	N7199Z	010277	KAKTOVIK, AK	PIPER	PA-13	FATAL
3 0162	N3969V	021877	BURLINGTON.NC	CESSNA	15 OM	FATAL
3 0166	N12771	010377	WIGGINS, MS	CESSNA	172	FATAL
3 0176	N1049H	010877	BENSON , AZ	PIPER	PA-32R	FAIAL
3 0199	N7352V	012177	ACOMITA.NM	BELLANCA	17-30	FATAL
3 0218	N35634	031377	DOYLESTOWN . PA	CESSNA	U206F	FATAL
3 0219	N3991N	022477	JOHNSTOWN, PA	MOONEY	M20F	FATAL
3 0225	N68 <b>74V</b>	012177	NWILCOX, AZ	MOONEY	M20F	FATAL
3 0230	N179W	011277	PAMPA TX	BEECH	95-B55	FATAL
3 0233	N86292	010377	NPAGOSA SPRINGS CO	CESSNA	182	FATAL
3 0236	N937CC	021077	CAREY.ID	PIPER	PA-28	FATAL
3 0284	N8898G	031377	NORMOND BEACH, FL	CESSNA	150F	FATAL
3 0299	N50600	031577	WESTWEGO.LA	CESSMA	150J	FATAL
3 0357	N97274	021877	MERRILL PASS,AK	STINSON	108-2	FATAL
3 0376	N441S	010977	LEMOORE, CA	PIPER	PA-28R	FATAL
3 0389	N1529X	021277	NPORT ORCHARD, WA	PIPER	PA-28R	FATAL
3 0399	N4493 <b>T</b>	021277	NBATON ROUGE, LA	PIPER	PA-28	FATAL

### WEATHER AS A CAUSE/FACTOR

# U.S. GENERAL AVIATION 1977 (IN FILE ORDER SEQUENCE)

FILE	AIRCRAE		LOCATION	AIRCRAF		INJURY INDEX
NUMBER	REGIST.	DATE	LOCATION	MAKE 	MODEL	INDEX
3 0424	N180SP	022077	TAMPA, FL	PIPER	PA-28	FATAL
3 0426	N870R	030477	SACRAMENTO.CA	BEECH	35	FATAL
3 0452	N5315E	022177	BIG BEAR CITY, CA	BEECH	K35	FATAL
3 0453	N20441	032577	INYOKERN.CA	CESSNA	172M	FATAL
3 0480	N7198L	031977	CLIFTON.ID	GRUM AMER	ΔΔ-5	FATAL
3 0494	N7787F	032377	NCLAYTON.CA	PIPER	PA-28	FATAL
3 0509	N59838	021177	ANTHONY,KS	PIPER	PA-31	FATAL
3 0528	N4171F	012477	NMOAB +UT	CESSNA	172	FATAL
3 0541	N8390S	040877	TOOELE,UT	CESSNA	182H	FATAL
3 0542	N8216P	030277	EUGENE, OR	PIPER	PA-24	FATAL
3 0562	N6127J	040177	NCOMMERCE, TX	PIPER	PA-32R	FATAL
3 0599	N1095J	032477	SPRING, TX	NA ROCKWELL	112	FATAL
3 0628	N43216	031577	CHARLESTON, SC	PIPER	PA-32	FATAL
3 0638	N200BB	010677	NMORGAN CITY.LA	BOLKOW	BD105C	FATAL
3 0641	N360	050277	UTOPIA,TX	веесн	C50	FATAL
3 0652	N733VP	050177	NEWBERG + OR	CESSNA	172N	FATAL
3 0668	N72308	022677	NHANNA, UT	CFSSNA	U206D	FATAL
3 0671	N3100L	010377	ROCKFORD,IL	CESSNA	310J	FATAL
3 0673	N51226	022077	CARLETON, MI	CESSNA	150J	FATAL
3 0676	N9746R	030577	NFARGO.GA	BEECH	M35	FATAL

#### WEATHER AS A CAUSE/FACTOR

# U.S. GENERAL AVIATION 1977 (IN FILE ORDER SEQUENCE)

FILE AIRCRAFT

AIRCRAFT INJURY

NUMBER	REGIST.	DATE	LOCATION		MAKE	MODEL	INDEX
3 0678	N8179M	041377	HONOLULU,HI		CESSNA	310	FATAL
3 0711	N6260	030677	CLAXTON, GA		BEECH	H35	FATAL
3 0780	N6006F	012177	NPRESCOTT, AZ		BEECH	35 <b>-</b> C33	FATAL
3 0823	N4068S	032877	NPHOENIX, AZ		BEECH	E55	FATAL
3 0836	N4459V	031277	NBOONES MILL, VA		BEECH	35	FATAL
3 0885	N5775K	052877	LAMAR,AR		ВЕЕСН	\$35	FATAL
3 0917	N9894U	041677	FLAGSTAFF,AZ		GRUM AMER	A A 5 - A	FATAL
3 0939	N9950R	022677	SPRINGFIELD, MO		BEECH	D50E	FATAL
3 0980	N86770	060777	HAVERHILL, MA		BELLANCA	8KCAB	FATAL
3 0984	N14752	040777	JAMESTOWN, NY		BELLANCA	17-30A	FATAL
3 099,6	N9803W	042077	WINDSOR,NC		PIPER	PA-28	FATAL
3 1025	N8478P	022477	NELKO, NV		PIPER	PA-24	FATAL
3 1082	N34SM	0.20377	NBECKMAM, TX		SWEARINGEN	SA266T	FATAL
3 1086	N69520	052877	NWHEATLAND, WY		BEECH	194	FATAL
3 1090	N888RJ	040577	BRONX,NY		MITSUBISHI	MU-2	FATAL
3 1115	N2175P	051677	NASHLAND, OR		PIPER	PA-23	FATAL
3 1124	N23969	040377	NMONROE, GA		BEECH	C24R	FATAL
3 1165	N2309Z	031977	MORRIS, IL		ВЕЕСН	23	FATAL
3 1199	N276V	042177	GRUVER,TX		PIPER	PA-28	FATAL
3 1205	N1176H	060477	LAVINA, MT	N. a	PIPER	PA-28	FATAL

#### WEATHER AS A CAUSE/FACTOR

# U.S. GENERAL AVIATION 1977 (IN FILE ORDER SEQUENCE)

FILE NUMBER	AIRCRAF	T DATE	LOCATION	AIRCRAF MAKE	T MODEL	INJURY INDEX
3 1206	N8866V	052377	NBRIGHTWOOD, OR	BELLANCA	17-30A	FATAL
3 1217	N2826V	050577	HUNTINGTON BCH,CA	BEECH	35	FATAL
3 1228	N41530	052077	AMARILLO.TX	CESSNA	310N	FATAL
3 1229	N73382	060877	AZALEA,OR	CESSNA	172	FATAL
3 1249	N5862S	030777	FORT MYERS.FL	ВЕЕСН	35 <b>-</b> C33	FATAL
3 1263	N9145Y	022277	NS PR I NGD ALE , AR	PIPER	PA-31	FATAL
3 1281	N42570	070977	OCEAN CITY.NJ	PIPER	PA-28	FATAL
3 1284	N5039P	070477	WINDHAM,VT	PIPER	PA-24	FATAL
3 1298	N1066V	041277	NDUCHESNE, UT	CESSNA	TU206F	FATAL
3 1306	N20480	053177	CAVETOWN, MD	CESSNA	172	FATAL
3 1307	N5478B	070377	BRYSON CITY,NC	CESSNA	182	FATAL
3 1335	N1282S	041077	NPORT ORCHARD.WA	CESSNA	182P	FATAL
3 1406	N8 <b>54</b> อ	010777	ROCHESTER • MN	MITSUBISHI	MU-2B	FATAL
3 1428	N4181F	032577	NPAYSON, AZ	CESSNA	172	FATAL
3 1562	N3345L	053177	HOUMA, LA	CESSNA	185	FATAL
3 1571	N6736D	052077	DALLAS,TX	BELL	47 J	FATAL
3 1599	N5222G	062677	NGUNNISON, CO	CESSNA	3 05 A	FATAL
3 1603	N83W	050477	NLANDER,WY	BEECH	J35	FATAL
3 1606	N4052D	050477	OROFINO, ID	CESSNA	182	FATAL
3 1608	N6638F	012777	OLYMPIA,WA	PIPER	PA-32R	FATAL

#### WEATHER AS A CAUSE/FACTOR

# U.S. GENERAL AVIATION 1977 (IN FILE ORDER SEQUENCE)

	FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAF	MODEL	INJURY INDEX
3	1617	N2150G	031,477	NOCHLOCKNEE .GA	CESSNA	1824	FATAL
3	1618	N5676R	073177	MAYFIELD, NY	CESSNA	172	FATAL
3	1661	N8993C	053077	HORSESHOE BEND, ID	PIPER	PA-22	FATAL
3	1677	N2659W	040477	TOLEDO, OR	MOONEY	M20E	FATAL
3	1741	N1293R	060677	ROBINSON CREEK,KY	BELLANCA	14-19	FATAL
3	1763	N7439L	050677	TAPLIN, WV	PIPER	PA-31	FATAL
3	1764	N1153H	052677	BRIDGEPORT •WV	PIPER	PA-34	FATAL
3	1769	N64613	041677	NPALATKA, FL	BENSEN	BM-8	FATAL
3	1825	N3044T	050677	NWELLS , NV	CESSNA	320C	FATAL
3	1834	N1599H	060777	RIVERSIDE, CA	CESSNA	177RG	FATAL
3	1847	N9100V	040177	SPRING VALLEY,CA	CESSNA	411A	FATAL
3	1855	N2861Y	030277	NPECOS, NM	CESSNA	182E	FATAL
3	1860	N87045	071477	NELBERTA, AL	BELLANCA	7KCAB	FATAL
3	1861	N9578D	062677	NFOLEY, AL	PIPER	PA18	FATAL
3	1891	N1947Y	030377	ST CHARLES.IL	MOONEY	M20E	FATAL
3	1892	N8031B	052277	EAST DUNDEE.IL	CESSNA	172	FATAL
3	1894	N1136U	032777	NIRON RIVER, MI	CESSNA	172M	FATAL
3	1897	N2231S	031977	ATKINS, IA	CESSNA	T210L	FATAL
3	1901	N4995Y	052877	NPOPLAR BLUFF,MO	PIPER	PA-25	FATAL
3	1928	N2135L	041177	NMIAMI, FL	ВЕЕСН	A36	FATAL

#### WEATHER AS A CAUSE/FACTOR

# U.S. GENERAL AVIATION 1977 (IN FILE ORDER SEQUENCE)

FILE NUMBER	AIRCRAF REGIST.		LOCATION	A I R C R A M A K E	AFT MODEL	INJURY INDEX
			Mile 450 Mile 644 day 644 mile 544	~~~		as as as as as
3 1956	N98621	062077	NCOR ONA • CA	CESSNA	340A	FATAL
3 1996	N3148U	0.52677	NOXBOW,ME	CESSNA	182F	FATÁL
3 1997	N5275S	070877	HINGHAM, MA	PIPER	PA-28R	FATAL
3 1998	N6360R	090177	DUANESBURG , NY	PIPER	PA-28	FATAL
3 2001	N8663N	072977	NCLANTON, AL	PIPER	PA-32	FATAL
3 2011	N2454G	051577	NTRINIDAD, CO	CESSNA	182B	FATAL
3 2034	N8699E	053077	NYUCCA VALLEY.CA	PIPER	PA-28R	FATAL
3 2048	N7008Q	073177	NRENO,NV	CESSNA	182P	FATAL
3 2058	N4132C	081677	NESTES PARK CO	MAULE	M4	FATAL
3 2071	N1880P	070477	PICABO, ID	PIPER	PA-18	FATAL
3 2073	N6888R	060177	NELGIN, OR	CESSNA	T210G	FATAL
3 2083	N1738R	082177	HANSVILLE, WA	CESSNA	185	FATAL
3 2093	N6349P	061177	GRAFTON, WI	PIPER	PA-24	FATAL
3 2105	N500KR	050277	MENDON, MI	BEAGLE	206\$2	FATAL
3 2176	N5438F	072277	JACKPOT, NV	PIPER	PA-28	FATAL
3 2180	N5508D	032477	WRIGHTWOOD , CA	BEECH	H35	FATAL
3 2186	N81003	052377	NSAN LUIS OBSPO, CA	GRUM AMER	AA5-B	FATAL
3 2195	N1605W	081877	IDA • L A	BEECH	V35B	FATAL
3 2206	N9999N	0921.77	NASHLAND, ÖR	CESSNA	180	FATAL
3 2207	N4304V	081877	ELGIN,OR	CESSNA	195A	FATAL

#### WEATHER AS A CAUSE/FACTOR

# U.S. GENERAL AVIATION 1977 (IN FILE ORDER SEQUENCE)

FILE		AIRCRAFT			AIRCRAFT		INJURY
1	NUMBER	REGIST.	DATE	LOCATION	MAKE 	MODEL	INDEX
3	2208	N <b>7</b> 8597	091677	NSKYKOMISH,WA	CESSNA	172K	FATAL
3	2692	N201P	061377	MADISON, SD	MOONEY	M2OJ	FATAL
3	2707	N32044	090577	HARRIMAN, TN	PIPER	PA-28	FATAL
3	2717	N6334W	090477	NLODGE, SC	PIPER	PA-28	FATAL
3	2727	N4889V	08,3077	NSAN DIMAS, CA	BELLANCA	17-30	FATAL
3	2764	N3715A	062677	NENGLEWOOD, CO	PIPER	PA-22	FATAL
3	2782	N35904	092877	COVE • OR	CESSNA	206	FATAL
3	2872	N33862	082877	HUGO, OK	PIPER	PA-28R	FATAL
3	2885	N1907C	072577	GARFIELD,CD	CESSNA	152	FATAL
3	2913	N4434F	071677	NANDROS IS, BAHAMAS	PIPER	PA-32	FATAL
3	2945	N <b>771</b> B	072977	FLETCHER,NC	BEECH	95	FATAL
3	2971	N1786V	080577	NCARMEL VALLEY.CA	CESSNA	172M	FATAL
3	2978	N86769	080777	NMESA, AZ	BELLANCA	14-13	FATAL
3	2979	N6853S	060777	UPLAND, CA	AERO COMDR	680	FATAL
3	3016	N3QA	102677	RANDOLPH,NJ	PIPER	PA-28	FATAL
3	3029	N9265Q	081277	PARKERSBURG, WV	ВЕЕСН	58	FATAL
3	3040	N3960X	083177	GREENWICH, CT	PIPER	PA-28R	FATAL
3	3053	N64190	083077	HENNING, MN	CESSNA	172M	FATAL
3	3055	N44119	071877	NTRUCKEE .CA	PIPER	PA-28	FATAL
3	3067	N3422W	083177	NCORONA, CA	PIPER	PA-32	FATAL

#### WEATHER AS A CAUSE/FACTOR

# U.S. GENERAL AVIATION 1977 (IN FILE ORDER SEQUENCE)

FILE NUMBER	AIRCRAF REGIST.		LOCATION	AIRCRAF MAKE	T MODEL	INJURY INDEX
3 3082	N38140	081977	NHEALDTON, OK	PIPER	PA-28R	FATAL
3 3089	N3488X	081177	NALBUQUERQUE.NM	MOONEY	M20E	FATAL
3 3091	N57429	100477	NLOWMAN, ID	BELLANCA	7GCBC	FATAL
3 3157	N55548	062277	NWALKER, MN	PIPER	PA-28	FATAL
3 3193	N19691	072777	NVI ENNA • GA	CESSNA	1721	FATAL
3 3194	N1263H	072477	TAHOE PARADISE, CA	PIPER	PA-32R	FATAL
3 3233	N8062Z	081177	NENGLE • NM	CESSNA	. U206	FATAL
3 3235	N98039	091277	NJACKSON,MS	PIPER	PA-28	FATAL
3 3251	N3466R	090977	BELLEVUE, WA	CESSNA	182L	FATAL
3 3264	N5115H	071777	NWASILLA, AK	PIPER	PA-14	FATAL
3 3267	N4930T	082777	NYAKUTAT, AK	CESSNA	411	FATAL
3 3270	N9543A	073077	PORTAGE PASS, AK.	CESSNA	170-A	FATAL
3 3334	N3431Q	120177	STEPTOE, WA	CESSNA	320E	FATAL
3 3352	N48 <b>7</b> 4U	082877	NKIRKWOOD, CA	CESSNA	205 A	FATAL
3 3354	N1066W	080477	CRESCENT CITY.CA	веесн	A36	FATAL
3 3358	N6734K	092577	NNO.LAS VEGAS.NV	REPUBLIC	RC-3	FATAL
3 3379	N <b>7</b> 985U	081777	NSALINA, UT	CESSNA	172	FATAL
3 3386	N27100	110477	GALES CREEK OR	PIPER	PA-28	FATAL
3 3393	N8342W	093077	R EÁRDAN•WA	PIPER	PA-28	FATAL
3 3406	N7087S	061377	BENTON.IL	CESSNA	15 0H	FATAL

### LISTING OF FATAL ACCIDENTS INVOLVING

### WEATHER AS A CAUSE/FACTOR

# U.S. GENERAL AVIATION 1977 (IN FILE ORDER SEQUENCE)

ĺ	FILE NUMBER	AIRCRAF	T DATE	LOCATION	AIRCRAF MAKE	T MODEL	INJURY INDEX
3	3436	N36379	080277	NLELAND, MS	BELLANCA	7GCBC	FATAL
3	3442	N125WE	072077	EUR EKA • CA	BEECH	95-B55	FATAL
3	3452	N9 <b>7</b> 9SB	082277	CATALINA IS.CA	BEECH	E18S	FATAL
3	3504	N1116X	081677	N29 PALMS,CA	PIPER	PA-28	FATAL
3	3558	N1833M	093077	STONE MOUNTAIN, GA	CESSNA	182P	FATAL
3	3614	N48064	080477	NBETTLES, AK	DEHAVILLAND	DHC-3	FATAL
3	3617	N8898	070477	SUPERIOR,WI	PIPER	PA-24	FATAL
3	3621	N9762U	102377	PIERCE, NE	GRUMANN	A A - 5 A	FATAL
3	3622	N55184	102377	BLAIR, NE	PIPER	PA-28	FATAL
3	3623	N7731W	090377	EAGLE BUTTE, SD	PIPER	PA-28	FATAL
3	3642	N8653C	092277	WILLIAMSON WV	PIPER	PA-32R	FATAL
3	3649	N <b>7</b> 645G	091677	LAUDERHILL, FL	CESSNA	172	FATAL
3	3653	N6677G	092477	WATER VALLEY, MS	CESSNA	150	FATAL
3	3661	N3274C	112177	NWILLOWS, CA	веесн	E35	FATAL
3	3663	N733FZ	092977	NPAHALA,HI	CESSNA	172N	FATAL
3	3668	N273Y	102577	NTONOPAH, NV	HOWARD	DGA-6	FATAL
3	3669	N1452M	092377	NSALIDA, CO	CESSNA	U206	FATAL
3	3681	N7623Y	102377	WETUMKA,OK	PIPER	PA-30	FATAL
3	3689	N5581Q	100477	SHERIDAN, WY	MOONEY	M20C	FATAL
3	3690	N2369F	112777	MOSCOW, ID	CESSNA	210E	FATAL

## LISTING OF FATAL ACCIDENTS INVOLVING

### WEATHER AS A CAUSE/FACTOR

# U.S. GENERAL AVIATION 1977 (IN FILE ORDER SEQUENCE)

FILE NUMBER	AIRCRAF REGIST.	DATE:	LOCATION	AIRCRAF MAKE	MODEL	INJURY INDEX
3 3701	N59 <b>7</b> 9D	081377	MERRILL PASS,AK	PIPER	PA-18	FATAL
3 3702	N4612V	120577	JESSUP,MD	VARGA	2150A	FATAL
3 3703	N444Y	072377	NBAKERSVILLE.CO	ВЕЕСН	D35	FATAL
3 3707	N32742	071077	CLAYTON, IL	PIPER	PA-28	FATAL
3 3718	N29358	091577	COLDWATER • KS	CESSNA	177	FATAL
3 3726	N2199S	092577	SMITHVİLLE,TN	CESSNA	210L	FATAL
3 3746	N7330G	110477	NWILLITS, CA	CESSNA	172K	FATAL
3 3776	N3000D	120577	WHARTON,TX	CESSNA	310	FATAL
3 3791	N1Q1AT	052277	NMORIARTY, NM	AERO TEK	IV	FATAL
3 3796	N9968U	122877	ANACONDA, MT	GRUM AMER	A A - 5 A	FATAL
3 3827	N5288T	113077	HUR ON, SD	PIPER	PA-28	FATAL
3 3832	N14277	110577	CLARYVILLE, NY	PIPER	PA-23	FATAL
3 3841	N9298C	110677	JAY, VT	CESSNA	180	FATAL
3 3847	N99JM	012577	FT MYERS,FL	CESSNA	411	FATAL
3 38,61	N4730S	120877	NINTRACSTL CITY, LA	S.N.I.A.S.	S A 3 3 0 J	FATAL
3 3862	N157AL	101077	NGRAND CHENIER . LA	BELL	206B	FATAL
3 3864	N9840R	102377	NDUBACH, LA	BEECH	M35	FATAL
3 3866	N800SC	091277	NIDABEL , OK	BEECH	V35A	FATAL
3 3882	N41861	112977	NPOCATELLO, ID	PIPER	PA-32	FATAL
3 3898	N91482	100677	CALDWELL,KS	NAVION	Δ	FATAL

### LISTING OF FATAL ACCIDENTS INVOLVING

### WEATHER AS A CAUSE/FACTOR

# U.S. GENERAL AVIATION 1977 (IN FILE ORDER SEQUENCE)

FILE	AIRCRAF	Т		AIRCRA	FT	INJURY
NUMBER	REGIST.	DATE	LOCATION	MAKE	MODEL	INDEX
				~		
3 3899	N4461S	112977	PINEHURST, NC	ВЕЕСН	58	FATAL
3 3900	N1975V	090577	ROCKFORD.IL	CESSNA	172	FATAL
3 3914	N2119F	113077	TAUNTON, MA	CESSNA	206	FATAL
3 3925	N1199T	121277	RICHLAND, PA	BEECH	D95A	FATAL
3 3932	N9677L	081177	UNITY,MD	GRUM AMER	AA1-B	FATAL
3 3935	N5250Y	102777	MORGANTON, NC	PIPER	PA-23	FATAL
3 3936	N6734M	072777	KNOXVILLE, TN	STINSON	108-3	FATAL
3 3941	N18732	103077	NINVERNESS, FL	CESSNA	150L	FATAL
3 3957	N30748	091777	NSODA SPRINGS.CA	CESSNA	177	FATAL
3 3966	N5233X	121477	NCATALINA ISLND, CA	BELLANCA	7EC A	FATAL
3 3974	N <b>7</b> 983N	102577	LAMAR,MO	PIPER	PA-28	FATAL
3 3982	N3009Q	080677	DE WITT, IL	PIPER	PA-28R	FATAL
3 3994	N5194S	092477	R∩MEO• MI	PIPER	PA-28	FATAL
3 3997	N4338P	070477	FREESOIL, MI	PIPER	PA-23	FATAL
3 4023	N34769	122977	GRAIN VALLEY,MO	CESSNA	177B	FATAL
3 4026	N <b>777</b> TD	112377	REEDSVILLE, PA	PIPER	PA-34	FATAL
3 4033	N8290Q	122477	NSYL VA . NC	CESSNA	206F	FATAL
3 4035	N925BD	092777	AUBURN, AL	BEECH	100	FATAL
3 4048	N3347W	110777	EMMITSBURG, MD	PIPER	PA-32	FATAL
3 4053	N12699	122177	NORLAND, CA	CESSNA	172M	FATAL

## LISTING OF FATAL ACCIDENTS INVOLVING

#### WEATHER AS A CAUSE/FACTOR

# U.S. GENERAL AVIATION 1977 (IN FILE ORDER SEQUENCE)

FILE NUMBER	AIRCRAF REGIST.	T DATE	LOCATION	AIRCRAF MAKE	MODEL	INJURY INDEX
3 4060	N4735J	102277	EL CAJON.CA	BEECH	A23-24	FATAL
3 4094	N75923	120477	DICKSON,TN	CESSNA	172H	FATAL
3 4095	N714ZO	122977	NTEAGUE, TX	CESSNA	152	FATAL
3 4101	N6892S	071677	NET LAUDERDALE, FL	AERO CMDR	680	FATAL
3 4103	N7126P	121177	NKERRVILLE, TX	PIPER	PA-24	FATAL
3 4107	N1555S	103077	FRANCESVILLE, IN	ВЕЕСН	P35	FATAL
3 4107	N8445P	103077	FRANCESVILLE, IN	PIPER	PA-24	FATAL
3 4108	N38775	120877	FORDLAND,MO	PIPER	PA-28R	FATAL
3 4110	N6011V	121677	NALBUQUERQUE.NM	LAKE	L A-4	FATAL
3 4111	N2665T	112577	CARLSBAD •NM	PIPER	PA-28	FATAL
3 4125	N39 <b>7</b> 9D	122777	NEL CAJON, CA	CESSNA	182A	FATAL
3 4132	N8.01HD	112477	BECKLEY, WV	PIPER	PA-31T	FATAL
3 4135	N5400F	093077	NCEDAR FORT.UT	PIPER	PA-32	FATAL
3 4137	N18845	121977	NANCHOR POINT, AK	HILLER ACET	FH1100	FATAL
3 4138	N3296T	123177	ALBANY, GA	CESSNA	177	FATAL
3 4140	N7285W	121477	OCRACOKE, NC	PIPER	PA-28	FATAL
3 41 42	N29161	110177	NDESSA, MO	CESSNA	210L	FATAL
3 4147	N71026	112977	HILL CITY SD	CESSNA	182M	FATAL
3 4151	N4901J	122477	NMAYAGUEZ, PR	PIPER	PA-28	FATAL
3 4164	N9435S	120177	CANTON, SD	BEECH	C33	FATAL

## LISTING OF FATAL ACCIDENTS INVOLVING

### WEATHER AS A CAUSE/FACTOR

## U.S. GENERAL AVIATION 1977 (IN FILE ORDER SEQUENCE)

FILE		Г				INJURY
NUMBER	REGIST.	DATE	LOCATION	MAKE 	MODEL	INDEX
4165	N1634H	121477	DAVENPORT, IA	PIPER	PA-34	FATAL
4173	N4904Z	012377	NROMEOVILLE, IL	PIPER	PA-22	FATAL
4175	N5209P	082877	CANYON,TX	PIPER	PA-24	FATAL
4177	N8363V	092777	NTENSLEEP, WY	BELLANCA	7GC BC	FATAL
4178	N44988	121677	WAUKON,IA	PIPER	PA-28R	FATAL
4183	N31CA	021277	NSUGAR GROVE, IL	PIPER	PA-32	FATAL
4191	N7368S	110777	NKEMMERER, WY	CESSNA	182P	FATAL
4193	N40922	030677	CHICAGO.IL	PIPER	PA-28	FATAL
4197	N74787	122577	NDESERT HOT SPG,CA	GRUM AMER	AA-5B	FATAL
4200	N5374W	112977	LAKEPORT, FL	PIPER	PA-28	FATAL
4206	N922JS	121777	VAN NUYS,CA	PIPER	PA-30	FATAL
4211	N1682T	112777	NASPEN, CO	CESSNA	414	FATAL
4220	N4183L	122477	NBLAIRSVILLE, GA	CESSNA	172	FATAL
4221	N2842R	102877	ATLANTA, GA	CESSNA	182K	FATAL
4241	N9349V	062577	NPORT HURON, MI	MOONEY	M20F	FATAL
4252	N17530	101977	NVALPARAISO, IN	BEECH	200	FATAL
4256	N1045V	121777	GARRETTSVILLE, OH	CESSNA	U206F	FATAL
4257	N7701Q	110677	WATERTOWN, WI	CESSNA	3100	FATAL
4271	N6709N	110977	NORTHWAY, AK	MOONEY	M-20C	FATAL
	FILE NUMBER 4165 4173 4175 4177 4178 4183 4191 4193 4197 4200 4206 4211 4220 4221 4241 4252 4256 4257 4271	A165 N1634H A173 N4904Z A175 N5209P A177 N8363V A178 N44988 A183 N31CA A191 N7368S A193 N40922 A197 N74787 A200 N5374W A206 N922JS A211 N1682T A220 N4183L A221 N2842R A241 N9349V A252 N17530 A256 N1045V A257 N77010	A165 N1634H 121477 4173 N4904Z 012377 4175 N5209P 082877 4177 N8363V 092777 4178 N44988 121677 4183 N31CA 021277 4191 N7368S 110777 4193 N40922 030677 4197 N74787 122577 4200 N5374W 112977 4206 N922JS 121777 4211 N1682T 112777 4220 N4183L 122477 4220 N4183L 122477 4221 N2842R 102877 4241 N9349V 062577 4256 N1045V 121777 4256 N1045V 121777	A165 N1634H 121477 DAVENPORT, IA 4173 N4904Z 012377 NROMEOVILLE, IL 4175 N5209P 082877 CANYON, TX 4177 N8363V 092777 NTENSLEEP, WY 4178 N44988 121677 WAUKON, IA 4183 N31CA 021277 NSUGAR GROVE, IL 4191 N7368S 110777 NKEMMERER, WY 4193 N40922 030677 CHICAGO, IL 4197 N74787 122577 NDESERT HOT SPG, CA 4200 N5374W 112977 LAKEPORT, FL 4206 N922JS 121777 VAN NUYS, CA 4211 N1682T 112777 NASPEN, CO 4220 N4183L 122477 NBLAIRSVILLE, GA 4221 N2842R 102877 ATLANTA, GA 4241 N9349V 062577 NPORT HURON, MI 4252 N17530 101977 NVALPARAISO, IN 4256 N1045V 121777 GARRETTSVILLE, OH 4257 N77010 110677 WATERTOWN, WI	NUMBER         REGIST.         DATE         LOCATION         MAKE           4165         N1634H         121477         DAVENPORT,IA         PIPER           4173         N4904Z         012377         NROMEOVILLE,IL         PIPER           4175         N5209P         082877         CANYON,TX         PIPER           4177         N8363V         092777         NTENSLEEP,WY         BELLANCA           4178         N44988         121677         WAUKON,IA         PIPER           4183         N31CA         021277         NSUGAR GROVE,IL         PIPER           4191         N7368S         110777         NKEMMERER,WY         CESSNA           4193         N40922         030677         CHICAGO,IL         PIPER           4197         N74787         122577         NDESERT HOT SPG,CA         GRUM AMER           4200         N5374W         112977         LAKEPORT,FL         PIPER           4206         N922JS         121777         VAN NUYS,CA         PIPER           4211         N1682T         112777         NASPEN,CO         CESSNA           4220         N4183L         122477         NBLAIRSVILLE,GA         CESSNA           4221         N2842R<	NUMBER REGIST. DATE LOCATION MAKE MODEL  4165 N1634H 121477 DAVENPORT, IA PIPER PA-34  4173 N4904Z 012377 NROMEDVILLE, IL PIPER PA-22  4175 N5209P 082877 CANYON, TX PIPER PA-24  4177 N8363V 092777 NTENSLEEP, WY BELLANCA 7GC BC  4178 N44988 121677 WAUKON, IA PIPER PA-28R  4183 N31CA 021277 NSUGAR GROVE, IL PIPER PA-32  4191 N7368S 110777 NKEMMERER, WY CESSNA 182P  4193 N40922 030677 CHICAGO, IL PIPER PA-28  4197 N74787 122577 NDESERT HOT SPG, CA GRUM AMER AA-5B  4200 N5374W 112977 LAKEPORT, FL PIPER PA-28  4206 N922JS 121777 VAN NUYS, CA PIPER PA-30  4211 N1682T 112777 NASPEN, CO CESSNA 172  4221 N2842R 102877 ATLANTA, GA CESSNA 182K  4241 N9349V 062577 NPORT HURON, MI MOONEY M20F  4252 N17530 101977 NVALPARAISO, IN BEECH 200  4256 N1045V 121777 GARRETTSVILLE, OH CESSNA U206F  4257 N77010 110677 WATERTOWN, WI CESSNA 3100

NATIONAL TRANSPORTATION SAFETY BOARD

WASHINGTON, D. C. 20594

BRIEFS OF FATAL ACCIDENTS

INVOLVING

WEATHER AS A CAUSE/FACTOR

U.S. GENERAL AVIATION

. 1977

(IN STATE AND DATE ORDER)

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA

FILE	DATE	LOCATION	AIRCRAFT DATA						PILOT DATA		
		NR.FOLEY,AL	PIPER PA18 N9578D DAMAGE-DESTROYED	CR-	1	0 0	NONCOMMERCIAL		PRIVATE, AGE 49, 2500 TOTAL HOURS, UNK/NR I TYPE, NOT INSTRUMENT RATED.		
	NAME OF A DEPARTURE	IRPORT - PRIVATE S	STRIP INTENDED DESTINATION								
	FOLEY . AL		LOCAL								
	TYPE OF A						F OPERATION				
		FAILURE OR MALFUNC	CTION				OFF INITIAL CLIMB				
	STALL	SPIN				TAKEO	FF INITIAL CLIMB				
	PROBABLE	CAUSE(S)									
			DUATE PREFLIGHT PREPAR.								
				DEFICI	ENC:	IES IN	N EQUIPMENT				
		PILOT IN COMMAND - ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT PILOT IN COMMAND - MISMANAGEMENT OF FUEL									
	MISCELL	ANEOUS ACTS, CONDIT	TIONS - FUEL STARVATION TO OBTAIN/MAINTAIN F		PEE	D					
	MISCELL PILOT I FACTOR(S)	ANEOUS ACTS, CONDIT N COMMAND - FAILED	TIONS - FUEL STARVATION TO OBTAIN/MAINTAIN F		PEE	D					
	MISCELL PILOT I FACTOR(S) MISCELL MISCELL WEATHER	ANEOUS ACTS, CONDIT N COMMAND - FAILED ANEOUS ACTS, CONDIT - WIND SHEAR	IONS - FUEL STARVATION TO OBTAIN/MAINTAIN F TIONS - WATER IN FUEL TIONS - FAILED TO USE	_YING S			YA WNL				
	MISCELL PILOT I FACTOR(S) MISCELL MISCELL WEATHER WEATHER	ANEOUS ACTS, CONDIT N COMMAND - FAILED ANEOUS ACTS, CONDIT - WIND SHEAR - HIGH TEMPERATUR	TIONS — FUEL STARVATION D TO OBTAIN/MAINTAIN FO TIONS — WATER IN FUEL TIONS — FAILED TO USE	_YING S			YAWNU				
	MISCELL PILOT I FACTOR(S) MISCELL MISCELL WEATHER WEATHER PARTIAL P	ANEOUS ACTS, CONDIT N COMMAND - FAILED ANEOUS ACTS, CONDIT - WIND SHEAR - HIGH TEMPERATUR OWER LOSS - PARTIA	IONS - FUEL STARVATION TO OBTAIN/MAINTAIN F TIONS - WATER IN FUEL TIONS - FAILED TO USE	_YING S ALL AVA NGINE	ILA	BLE RU	JNW A Y				
	MISCELL PILOT I FACTOR(S) MISCELL MISCELL WEATHER WEATHER PARTIAL P	ANEOUS ACTS, CONDIT N COMMAND - FAILED ANEOUS ACTS, CONDIT ANEOUS ACTS, CONDIT - WIND SHEAR - HIGH TEMPERATUR OWER LOSS - PARTIA CIRCUMSTANCES - F	TIONS - FUEL STARVATION TO OBTAIN/MAINTAIN FOR TIONS - WATER IN FUEL TIONS - FAILED TO USE THE CONTROL OF THE C	_YING S ALL AVA NGINE	ILA	BLE RU	JNWAY S AT ACCIDENT SITE				
	MISCELL PILOT I FACTOR(S) MISCELL WEATHER WEATHER PARTIAL P EMERGENCY SKY CONDI SCATTER	ANEOUS ACTS, CONDIT N COMMAND - FAILED ANEOUS ACTS, CONDIT - WIND SHEAR - HIGH TEMPERATUR OWER LOSS - PARTIA CIRCUMSTANCES - F	TIONS - FUEL STARVATION TO OBTAIN/MAINTAIN FOR TIONS - WATER IN FUEL TIONS - FAILED TO USE THE CONTROL OF THE C	_YING S ALL AVA NGINE	LAN	BLE RU ND EILING UNLIM	G AT ACCIDENT SITE				
	MISCELL PILOT I FACTOR(S) MISCELL MISCELL WEATHER PARTIAL P EMERGENCY SKY CONDI SCATTER VISIBILIT	ANEOUS ACTS, CONDIT N COMMAND - FAILED ANEOUS ACTS, CONDIT - WIND SHEAR - HIGH TEMPERATUR OWER LOSS - PARTIZ CIRCUMSTANCES - F TION ED Y AT ACCIDENT SITE	TIONS - FUEL STARVATION TO OBTAIN/MAINTAIN FOR TIONS - WATER IN FUEL TIONS - FAILED TO USE THE CONTROL OF THE C	_YING S ALL AVA NGINE	LAN	BLE RU ND EILING UNLIM RECIPI	G AT ACCIDENT SITE	SITE			
•	MISCELL PILOT I FACTOR(S) MISCELL MISCELL WEATHER WEATHER PARTIAL P EMERGENCY SKY CONDI SCATTER VISIBILIT 5 OR OV	ANEOUS ACTS, CONDIT N COMMAND - FAILED ANEOUS ACTS, CONDIT - WIND SHEAR - HIGH TEMPERATUR OWER LOSS - PARTIA CIRCUMSTANCES - F TION ED Y AT ACCIDENT SITE ER (UNLIMITED)	TIONS - FUEL STARVATION TO OBTAIN/MAINTAIN FOR TIONS - WATER IN FUEL TIONS - FAILED TO USE ALL LOSS OF POWER - 1 ELECTROSCO OF AIRCONCED LANDING OFF AIRCONCED LANDING OFF AIRCONCED LANDING OFF AIRCONCED	_YING S ALL AVA NGINE	LAN CE	BLE RU ND EILING UNLIN RECIPI NONE	G AT ACCIDENT SITE	SITE			
•	MISCELL PILOT I FACTOR(S) MISCELL MISCELL WEATHER WEATHER PARTIAL P EMERGENCY SKY CONDI SCATTER VISIBILIT 5 OR OV	ANEOUS ACTS, CONDIT N COMMAND - FAILED ANEOUS ACTS, CONDIT - WIND SHEAR - HIGH TEMPERATUR OWER LOSS - PARTIZ CIRCUMSTANCES - F TION ED Y AT ACCIDENT SITE	TIONS - FUEL STARVATION TO OBTAIN/MAINTAIN FOR TIONS - WATER IN FUEL TIONS - FAILED TO USE ALL LOSS OF POWER - 1 ELECTROSCO OF AIRCONCED LANDING OFF AIRCONCED LANDING OFF AIRCONCED LANDING OFF AIRCONCED	_YING S ALL AVA NGINE	LAN CE	BLE RU ND EILING UNLIN RECIPI NONE	S AT ACCIDENT SITE MITED TATION AT ACCIDENT	S I TE			
	MISCELL PILOT I FACTOR(S) MISCELL MISCELL WEATHER WEATHER PARTIAL P EMERGENCY SKY CONDI SCATTER VISIBILIT 5 OR OV OBSTRUCTI HAZE WIND DIRE	ANEOUS ACTS, CONDIT N COMMAND - FAILED ANEOUS ACTS, CONDIT - WIND SHEAR - HIGH TEMPERATUR OWER LOSS - PARTIA CIRCUMSTANCES - F TION ED Y AT ACCIDENT SITE ER (UNLIMITED)	TIONS - FUEL STARVATION TO OBTAIN/MAINTAIN FOR TIONS - WATER IN FUEL TIONS - FAILED TO USE ALL LOSS OF POWER - 1 ELECTROSCO OF AIRCONCED LANDING OFF AIRCONCED LANDING OFF AIRCONCED LANDING OFF AIRCONCED	_YING S ALL AVA NGINE	LAN CE PF TE	BLE RU ND EILING UNLIM RECIPE NONE EMPERA 88 IND VE	S AT ACCIDENT SITE MITED TATION AT ACCIDENT	SITE			
	MISCELL PILOT I FACTOR(S) MISCELL MISCELL WEATHER WEATHER PARTIAL P EMERGENCY SKY CONDI SCATTER VISIBILIT 5 OR OV OBSTRUCTI HAZE WIND DIRE 225	ANEOUS ACTS, CONDIT N COMMAND - FAILED ANEOUS ACTS, CONDIT - WIND SHEAR - HIGH TEMPERATUR OWER LOSS - PARTIZ CIRCUMSTANCES - F TION ED Y AT ACCIDENT SITE ER (UNLIMITED) ONS TO VISION AT A	TIONS - FUEL STARVATION TO OBTAIN/MAINTAIN FOR TIONS - WATER IN FUEL TIONS - FAILED TO USE ALL LOSS OF POWER - 1 ELECTROSCO OF AIRCONCED LANDING OFF AIRCONCED LANDING OFF AIRCONCED LANDING OFF AIRCONCED	_YING S ALL AVA NGINE	LAN CE PF TE	BLE RU  ND  EILING UNLIM  RECIPI  NONE  BR  88  IND VE	S AT ACCIDENT SITE MITED ITATION AT ACCIDENT MITURE-F	SITE			

FILE	DATE	LOCATION	AIRCRAFT DATA	INJUR F	IES S M/N	FLIGHT N PURPOSE	PILOT DATA
		NR.ELBERTA.AL	BELLANCA 7KCAB N87045 DAMAGE-DESTROYED				PRIVATE, FL. INSTR., AGE 23, 491 TOTAL HOURS, 89 IN TYPE, INSTRUMENT RATED.
	DEPARTURE PENSACO TYPE OF A STALL	DLA•FL ACCIDENT	INTENDED DESTINATION LOCAL	P		OF OPERATION LIGHT NORMAL CRUISE	KA IEU •
	FACTOR(S) PILOT I	N COMMAND - FAILED	TO OBTAIN/MAINTAIN FLY ER IN-FLIGHT DECISIONS TIVITY				
	5 OR OV OBSTRUCTI NONE			P	UNL: RECIF THUM	NG AT ACCIDENT SITE IMITED LITATION AT ACCIDENT S UDERSTORM OF WEATHER CONDITIONS	SITE
-2001	-		DECENDING & TURNING TO PIPER PA-32 N8663N				PRIVATE, AGE 47, 900 TRANSP TOTAL HOURS, 368 IN TYPE
	DEPARTURE MONTGOM TYPE OF A	POINT MERY•AL	DAMAGE-DESTROYED INTENDED DESTINATION OSHKOSH, WI			OF OPERATION	NOT INSTRUMENT RATED.
	A I RFR AM	ME FAILURE IN FLIG	нт		IN F	LIGHT UNCONTROLLED (	DESCENT
	PILOT I PILOT I PILOT I	IN COMMAND - CONTIN IN COMMAND - SPATIA IN COMMAND - EXCEED	UED VFR FLIGHT INTO ADV L DISORIENTATION ED DESIGNED STRESS LIM			·	
	MISCELL	4E - FLIGHT CONTROL	SURFACES HORIZONTAL S IONS - OVERLOAD FAILURE		R, A	TTACHMENTS	
	WEATHER R	BRIEFING - BRIEFED	BY WEATHER BUREAU PERSO SUBSTANTIALLY CORRECT	ONNEL. IN	PERS	SON	
	SKY CONDI				400		
	3 MILES OBSTRUCTI	TY AT ACCIDENT SITE S OR LESS		F	NONE		STTE
	500	TONZ IN ATZION ĖL V	CCIDENT SITE	1	EMPE	KATUKE-F	
	FOG TYPE OF W IFR	NEATHER CONDITIONS	CCIDENT SITE		74	OF FLIGHT PLAN	

FILE	DATE	LOCATION	AIRCRAFT DATA					FLIGHT PURPOSE	PILOT DATA
3-4035	9/27/77 TIME - 074	0	BEECH 100 N925BD DAMAGE-DESTROYED	CR- PX-					COMMERCIAL, AGE 51, 15000 TOTAL HOURS, 1500 IN TYPE, INSTRUMENT RATED.
		RPORT - AUBURN- POINT		4				•	
	BIRMINGH	-	AUBURN•AL	•					
	TYPE OF ACC	CIDENT WITH TREES			١			F OPERATION NG FINAL APPROACH	
	FACTOR(S) WEATHER WEATHER WEATHER BR	COMMAND - IMPR - LOW CEILING - FOG IEFING - BRIEFE	OPER IFR OPERATION  D BY FLIGHT SERVICE PE		, в	ү рн	ONE		
	SKY CONDIT				(	CE IL		AT ACCIDENT SITE	
		AT ACCIDENT SI	TE:		1		IPI IZZ	TATION AT ACCIDENT SIT	re
	OBSTRUCTION FOG	NS TO VISION AT	ACCIDENT SITE			TE MP 68		TUR E-F	
	TYPE OF WE	ATHER CONDITION	S			TYPE IF		FLIGHT PLAN	

LILE	DATE /		AIRCRAFT DATA	F	S M/	N	FLIGHT PURPOSE		PILOT DATA
-0152		KAKTOVIK,AK	PIPER PA-18	CR- PX-	1.0	O NON	COMMERCIAL		COMMERCIAL, AGE 28, 650 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
		RPORT - BARTER IS							
	DEPARTURE		INTENDED DESTINATION			-			
	TYPE OF AC		FAIRBANKS, AK			T YUKO	N,AK ERATION		
			TER UNCONTROLLED				UNCONTROLLE	DESCENT	. •
	. PILUI In	A COMMAND - INTITA	TED FLIGHT IN ADVERSE	MEVILLE	COMPI	TOMS			
	FACTOR(S) WEATHER WEATHER		AL DISORIENTATION						
	FACTOR(S) WEATHER WEATHER WEATHER	- LOW CEILING - FOG							
	FACTOR(S) WEATHER WEATHER WEATHER MISCELLA WEATHER BE	- LOW CEILING - FOG - SNOW NEOUS ACTS.CONDIT		DNEL, E	Y PHON	E			
	FACTOR(S) WEATHER WEATHER WEATHER MISCELLA WEATHER BE	- LOW CEILING - FOG - SNOW NEOUS ACTS, CONDITION RECAST - FORECAST	IONS - WHITEOUT BY WEATHER BUREAU PERS	DNEL, 6		NG AT	ACCIDENT SITE		
	FACTOR(S) WEATHER WEATHER MISCELLA WEATHER BR WEATHER FC	- LOW CEILING - FOG - SNOW NEGUS ACTS.CONDIT RIEFING - BRIEFED RECAST - FORECAST TION T AT ACCIDENT SITE	IONS - WHITEOUT BY WEATHER BUREAU PERS SUBSTANTIALLY CORRECT	DNEL+ 6	CE I L I	NG AT PITATI	ACCIDENT SITE ON AT ACCIDEN	r site	
	FACTOR(S) WEATHER WEATHER MISCELLA WEATHER BR WEATHER FC SKY CONDIT OVERCAST VISIBILITY 2 MILES	- LOW CEILING - FOG - SNOW NNEOUS ACTS.CONDIT SIZEFING - BRIEFED PRECAST - FORECAST TION T AT ACCIDENT SITE OR LESS NS TO VISION AT A	IONS - WHITEOUT BY WEATHER BUREAU PERS SUBSTANTIALLY CORRECT	DNEL+ E	CEILI 400 PRECI SNO	NG AT PITATI	ON AT ACCIDEN	T SITE	

FILE	DATE	LOCATION	AIRCRAFT DATA		JUR I E F S	_			PILOT DATA
3-0357	2/18/77 TIME - UNK	MERRILL PASS∙AK (∕NR	STINSON 108-2 N97274 DAMAGE-SUBSTANTIAL				NONCOMMERCIAL PLEASURE/PERSONAL		PRIVATE, AGE 51, 1100 TÜTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
			INTENDED DESTINATION						
	AN I AK + AK		ANCHORAGE.AK				Y RIVER,AK		
	TYPE OF AC						F OPERATION		
	COLLISIC	JN WITH GROUND/WATE	ER CONTROLLED		1	v FL	IGHT NORMAL CRUIS	) E	
	PILOT IN	CAUSE(S) N COMMAND - IMPROPE	R IN-FLIGHT DECISIONS	OR PL	ANNIN	G			
	PILOT IN FACTOR(S) WEATHER WEATHER BR	N COMMAND - IMPROPE N COMMAND - CONTINU - TURBULENCE, ASSO RIEFING - BRIEFED E	ER IN-FLIGHT DECISIONS JED VFR FLIGHT INTO ADV DCIATED W/CLOUDS AND/OF BY FLIGHT SERVICE PERSO SUBSTANTIALLY CORRECT	ERSE I	WEATH DERST	ER C			
	PILOT IN FACTOR(S) WEATHER WEATHER BR WEATHER FO	O COMMAND - IMPROPE N COMMAND - CONTINU - TURBULENCE, ASSO RIEFING - BRIEFED E DRECAST - FORECAST	JED VFR FLIGHT INTO ADV DCIATED W/CLOUDS AND/OF BY FLIGHT SERVICE PERSO	ERSE I	WEATH DERST BY R	ER C DRMS ADIO LING	AT ACCIDENT SITE		
	PILOT IN FACTOR(S) WEATHER WEATHER BR WEATHER FO SKY CONDIT	COMMAND - IMPROPE N COMMAND - CONTINU - TURBULENCE, ASSO RIEFING - BRIEFED E DRECAST - FORECAST TION - VNOT REPORTED	JED VFR FLIGHT INTO ADV DCIATED W/CLOUDS AND/OF BY FLIGHT SERVICE PERSO	ERSE I	WEATH DERST BY R CEI	ER C DRMS ADIO LING NKNO	AT ACCIDENT SITE WN/NOT REPORTED		
	PILOT IN FACTOR(S) WEATHER WEATHER BR WEATHER FO SKY CONDIT UNKNOWN VISIBILITY	O COMMAND - IMPROPE N COMMAND - CONTINU - TURBULENCE, ASSO RIEFING - BRIEFED E DRECAST - FORECAST	JED VFR FLIGHT INTO ADV DCIATED W/CLOUDS AND/OF BY FLIGHT SERVICE PERSO	ERSE I	WEATH DERST BY R CEI U PRE	ER CORMS ADIO	AT ACCIDENT SITE	r SITE	
	PILOT IN FACTOR(S) WEATHER WEATHER BR WEATHER FC SKY CONDIT UNKNOWN, VISIBILITY UNKNOWN, OBSTRUCTIC	COMMAND - IMPROPE N COMMAND - CONTINU - TURBULENCE, ASSO RIEFING - BRIEFED E BRECAST - FORECAST TION 2 /NOT REPORTED Y AT ACCIDENT SITE /NOT REPORTED DNS TO VISION AT AC	DED VFR FLIGHT INTO ADV DCIATED W/CLOUDS AND/OF BY FLIGHT SERVICE PERSO SUBSTANTIALLY CORRECT	ERSE I	WEATH DERST BY R CEI U PRE U TYP	ER C DRMS ADIO LING NKNO CIPI NKNO E OF	AT ACCIDENT SITE WN/NOT REPORTED TATION AT ACCIDEN' WN/NOT REPORTED WEATHER CONDITION		
	PILOT IN FACTOR(S) WEATHER WEATHER BR WEATHER FC SKY CONDIT UNKNOWN, VISIBILITY UNKNOWN, OBSTRUCTIC	COMMAND - IMPROPE N COMMAND - CONTINU - TURBULENCE, ASSO RIEFING - BRIEFED E DRECAST - FORECAST FION - VNOT REPORTED Y AT ACCIDENT SITE VNOT REPORTED ONS TO VISION AT ACCIDENT ACCIDEN	DED VFR FLIGHT INTO ADV DCIATED W/CLOUDS AND/OF BY FLIGHT SERVICE PERSO SUBSTANTIALLY CORRECT	ERSE I	WEATH DERST BY R CEI U PRE U TYP	ER C DRMS ADIO LING NKNO CIPI NKNO E OF	AT ACCIDENT SITE WN/NOT REPORTED TATION AT ACCIDEN WN/NOT REPORTED		

LE	DATE	LOCATION	AIRCRAFT DATA					FLIGHT PURPOSE		PILOT DATA
264	7/17/77 N TIME - 191		PIPER PA-14 N5115H DAMAGE-DESTROYED							PRIVATE, AGE 26, 350 TOTAL HOURS, 30 IN TYPE NOT INSTRUMENT RATED.
		RPORT - PRIVATE A								•
	WASILLA.A	K POINT	INTENDED DESTINATION IVAN RIVER.AK							
	TYPE OF AC		IVAN NIVENYAN		Р			OPERATION		
	STALL					TAK	EOF	F INITIAL CLIMB		
	PROBABLE C	AUSE(S)								
			TO OBTAIN/MAINTAIN FL	YING S	PEE	D				
	FACTOR(S)					-				
	MISCELLA WEATHER	I COMMAND - LACK O INEOUS ACTS, CONDIT - THUNDERSTORM AC - WIND SHEAR		CRAFT						
			D OF BRIEFING RECEIVED							
			SUBSTANTIALLY CORRECT							
	SKY CONDIT	ION			С	EILI	NG	AT ACCIDENT SITE		
	CLEAR							TED		
		' AT ACCIDENT SITE			Р			TATION AT ACCIDENT	SITE	
		R (UNLIMITED)			_	NON				
		NS TO VISION AT A	CCIDENT SITE		Т		RA.	TURE-F		
	NONE	TION DECREE				65		OCITY KNOTS		
	W IND DIREC 45	TION-DEGREES			W	20	VEL	_OCITY-KNOTS		
	7.7							51 TOUT OF AN		
	TYPE OF WE	ATHER CONDITIONS			т		ne.			
	TYPE OF WE	ATHER CONDITIONS			Т			FLIGHT PLAN		
					T	NON		FLIGHT PLAN		

FILE	DATE	LOCATION	AIRCRAFT DATA			FLIGHT N PURPOS		PILOT DATA
3-3270	7/30/77 TIME - 13		CESSNA 170-A N9543A DAMAGE-DESTROYED			O NONCOMMER O PLEASURE		PRIVATE, AGE 40, 622 POTAL HOURS, 588 IN TYPE NOT INSTRUMENT RATED.
			INTENDED DESTINATION					
			COGHILL LAKE, AK.					
	TYPE OF A					OF OPERATIO	• • • • • • • • • • • • • • • • • • • •	
	CULLISI	ON WITH GROUND/WATER	CONTROLLED		IN	FLIGHT OTHE	<u>-</u> K	
	FACTOR(S) PILOT I WEATHER WEATHER WEATHER B	N COMMAND - INADEQUA - LOW CEILING - FOG RIEFING - NO RECORD	ED VER FLIGHT INTO AD' ATE PREFLIGHT PREPARA: OF BRIEFING RECEIVED SUBSTANTIALLY CORRECT	 -	-			
	SKY CONDI				EILI	NG AT ACCIDE	ENT SITE	
	VISIBILIT	Y AT ACCIDENT SITE			₹ĔC I	PITATION AT NOWN/NOT REF	ACCIDENT SITE	
	OBSTRUCTI FOG	ONS TO VISION AT ACC	CIDENT SITE	TY		DF WEATHER C		
	TYPE OF F NONE	LIGHT PLAN						
	REMARKS-	A/C FLOAT EQUIPPED.	PHASE UNK.					

	LOCATION	AIRCRAFT DATA	F S M/N	PURPOSE	PILOT DATA
TIME - DEPART ALAT TYPE O		N48064 DAMAGE-SUBSTANTIAL INTENDED DESTINATION	CR- 1 0 0 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO  OPERATION FOR INITIAL CLIMB	
PILO PILO PILO PILO FACTOR TERR WEAT WEAT MISC	T IN COMMAND - FAILE T IN COMMAND - MISJUIT IN COMMAND - FAILE (S) AIN - LOOSE GRAVEL AIN - HIGH OBSTRUCTION HER - DOWNDRAFT.UPDR HER - OBSTRUCTIONS TO	ONS AFTS O VISION MANEUVER TO AVOID COLLIS	ING SPEED ALT I TUDE		
WEATHE	NDITION	NOT REPORTED	CEILING	AT ACCIDENT SITE	

#### ARTEES DE ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA			ES M/I	FLIGHT N PURPOSE		PILOT DATA
3-3701	8/13/77 TIME - 15		PIPER PA-18 N5979D DAMAGE-SUBSTANTIAL				O NONCOMMERCIAL O PLEASURE/PERSONAL	TRANSP	PRIVATE, AGE 23, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE TWO LAK TYPE OF A STALL	ES.AK	INTENDED DESTINATION EAGLE RIVER,AK				OF OPERATION LIGHT NORMAL CRUIS	E	NATEU :
	FACTOR(S) WEATHER WEATHER WEATHER TERRAIN TERRAIN WEATHER	R — LOW CEILING R — RAIN R — DOWNDRAFT, UPDRAF N — ROUGH/UNEVEN I — HIGH OBSTRUCTION BRIEFING — UNKNOWN/	NS	ING 3	reel	,			
	SKY CONDI	ST				UNK	NG AT ACCIDENT SITE	CATE	
	UNKNOWN OBSTRUCTI	TY AT ACCIDENT SITE N/NOT REPORTED TONS TO VISION AT A	CCIDENT SITE			RAI ND I	PITATION AT ACCIDENT N Direction-degrees	3116	
		N/NOT REPORTED VEATHER CONDITIONS			יד	135 PE ( NON	OF FLIGHT PLAN E		

FILE	DATE		AIRCRAFT DATA						PILOT DATA
3-3267		NR.YAKUTAT,AK		CR- PX-		_	NONCOMMERCIAL PLEASURE/PERSONAL	TRANSP	ATP,FLIGHT INSTR., AGE 39, 2150 TOTAL HOURS, 100 IN TYPE, INSTRUMENT RATED.
			INTENDED DESTINATION						KATED.
	JUNEAU, A TYPE OF AC ENGINE F UNDETERM	CIDENT FAILURE OR MALFUNG	ANCHORAGE, AK		IN	FL	F OPERATION IGHT NORMAL CRUIS IGHT DESCENDING	E	
	FACTOR(S)	ANEOUS - UNDETERM	INED US POWERPLANT FAILURE F	OR UND	FTFRN	IINF	D REASONS		
	WEATHER	- ICING CONDITIO	NS-INCLUDEȘ SLEET,FREEZI	ING RAI					
			AL LOSS OF POWER - 1 ENG LETE ENGINE FAILURE/FLAM		ENGI	NE			
			BY FLIGHT SERVICE PERSO SLIGHTLY WORSE THAN FOR		IN PE	RSO	N		
	SKY CONDIT						AT ACCIDENT SITE		
	VISIBILITY	/LOWER SCATTERED / AT ACCIDENT SIT			PREC	_	TATION AT ACCIDENT	SITE	
		ER(UNLIMITED) DNS TO VISION AT .	ACCIDENT SITE			IN OF	WEATHER CONDITION	s	
	NONE TYPE OF FL IFR				IF	R			:
		PLT REPORTED SECU	RING ENG.2 PAX RECOVERED	FRM B	AY • AC	FT	DMG & INJURY INDEX	PRESUME	ED•
3-4271	11/9/77	NORTHWAY.AK	MOONEY M-20C	CR-	1 0	0	NONCOMMERCIAL		PRIVATE, AGE 38, 70 TOTAL
	TIME - 173	30	N6709N DAMAGE-SUBSTANTIAL	PX-	1 0	ō	PLEASURE/PERSONAL	TRANSP	HOURS, 3 IN TYPE, NOT INSTRUMENT RATED.
	ANCHORAG		INTENDED DESTINATION NORTHWAY.AK						
		CIDENT FAILURE OR MALFUN WITH TREES	CTION		I١	1 FL	F OPERATION IGHT DESCENDING IGHT DESCENDING		
	PROBABLE O	CAUSE(S)	PTED OPERATION W/KNOWN (	SEICIE	_				
	FACTOR(S) WEATHER	- OTHER							
			LETE ENGINE FAILURE/FLAM FORCED LANDING OFF AIRPO			NE			
•	SKY CONDIT	LION	•				AT ACCIDENT SITE		
		AT ACCIDENT SIT	E .		PREC	IPI	TATION AT ACCIDENT	SITE	
		ER (UNLIMITED) DNS TO VISION AT	ACCIDENT SITE				WEATHER CONDITION	s ·	
	TYPE OF FL VFR	IGHT PLAN							
		NG WINTERIZATION	KIT NOT INSTALLED. LOW	TEMP.					

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AIRCRAFT DATA
                                                        INJURIES
FILE
                     LOCATION
                                                                       FLIGHT
                                                                                                   PILOT DATA
                                                        F S M/N
                                                                       PURPOSE
3-4137 12/19/77 NR.ANCHOR POINT.AK
                                    HILLER ACFT FH1100 CR- 1 0 0 COMMERCIAL
                                                                                            COMMERCIAL, AGE 29, 3313
       TIME - 1828
                                    N18845
                                                       PX- 1 0 0 AIR TAXI-PASSG
                                                                                            TOTAL HOURS, 631 IN TYPE,
                                    DAMAGE-DESTROYED
                                                                                            NOT INSTRUMENT RATED.
       DEPARTURE POINT
                                 INTENDED DESTINATION
                                                            LAST ENROUTE STOP
         HOMER , AK
                                   HOMER, AK
                                                              S.S.GREAT LAND
       TYPE OF ACCIDENT
                                                             PHASE OF OPERATION
                                                              IN FLIGHT UNCONTROLLED DESCENT
         COLLISION WITH GROUND/WATER UNCONTROLLED
       PROBABLE CAUSE(S)
         PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
         PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
         PILOT IN COMMAND - SPATIAL DISORIENTATION
       FACTOR(S)
         WEATHER - LOW CEILING
        WEATHER - FOG
         WEATHER - SNOW
         WEATHER - ICING CONDITIONS-INCLUDES SLEET, FREEZING RAIN, ETC.
         WEATHER - UNFAVORABLE WIND CONDITIONS
         MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER
       WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY RADIO
       WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT
       EMERGENCY CIRCUMSTANCES - UNKNOWN/NOT REPORTED
                               ADVERSE/UNFAVORABLE WEATHER
       SKY CONDITION
                                                             CEILING AT ACCIDENT SITE
        OVERCAST
                                                              UNKNOWN/NOT REPORTED
       VISIBILITY AT ACCIDENT SITE
                                                             PRECIPITATION AT ACCIDENT SITE
        1/2 MILE OR LESS
                                                              SNOW
                                                             TEMPERATURE-F
       OBSTRUCTIONS TO VISION AT ACCIDENT SITE
        FOG
                                                              33
                                                             WIND VELOCITY-KNOTS
       WIND DIRECTION-DEGREES
         45
                                                              25
       TYPE OF WEATHER CONDITIONS
                                                             TYPE OF FLIGHT PLAN
                                                              VFR
       REMARKS- HELICOPTER FLOAT EQUIPPED.WINDS GUSTING TO 30 KTS.A/C DAMAGE AND PILOTS INJURY PRESUMED.
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FILE	DATE L	OCATION	AIRCRAFT DATA				FLIGHT PURPOSE	PILOT DATA
3-0176			N1049H DAMAGE-DESTROYED INTENDED DESTINATION LAS VEGAS•NV	PX- 1	O C	OF OPE	CELL ANEOUS RY ERATION OTHER	COMMERCIAL, AGE 30, 1500 TOTAL HOURS, 10 IN TYPE, INSTRUMENT RATED.
	PILOT IN COMMA FACTOR(S) MISCELLANEOUS MISCELLANEOUS WEATHER - LOW WEATHER - RAIN WEATHER - SNOW WEATHER BRIEFING	ND - CONTINU ND - EXCEEDE ACTS, CONDITI ACTS, CONDITI CEILING - BRIEFED B	ED VFR FLIGHT INTO AD D DESIGNED STRESS LIM ONS - OVFRLOAD FAILUR ONS - SEPARATION IN FI Y FLIGHT SERVICE PERSI SUBSTANTIALLY CORRECT	ITS OF A E LIGHT DNNEL+ 1	IRCRAF	:T	TIONS	
	SKY CONDITION OVERCAST VISIBILITY AT AC 2 MILES OR LES OBSTRUCTIONS TO NONE TYPE OF FLIGHT P	S VISION AT AC	CIDENT SITE		UNKN PRECIF RAIN	OWN/NC PITATIO I, SNOW	ACCIDENT SITE DT REPORTED DN AT ACCIDENT SITE W THER CONDITIONS	

FILE	DATE	LOCATION	AIRCRAFT DATA			IES S M,			. PILOT DATA
3-0225	TIME - 1	_	MOONEY M20F N6874V DAMAGE-DESTROYED INTENDED DESTINATION	-	_	-	-	NONCOMMERCIAL PLEASURE/PERSONAL TRANS	PRIVATE, AGE 44, 296 SP TOTAL HOURS, 140 IN TYPE, NOT INSTRUMENT RATED.
		O.TEXAS	PHOENIX, AZ						
		ACCIDENT			Ρ	HASE	0	F_OPERATION	
	COLLIS	ION WITH GROUND/WAT	ER CONTROLLED			ΙN	FL	IGHT NORMAL CRUISE	
	WEATHER WEATHER		BY FLIGHT SERVICE PERSO SUBSTANTIALLY CORRECT COVERED	ONNE L ,	IN	PEF	:SOI	N	
	SKY COND				С			AT ACCIDENT SITE	
		SI TY AT ACCIDENT SITÉ VER(UNLIMITED)			P		PΙ	TATION AT ACCIDENT SITE SHOWERS	
		IONS TO VISION AT A N/NOT REPORTED	CCIDENT SITE		T	EMP 8	RΑ	TURE-F	
	WIND DIR	ECTION-DEGREES	•		W		۷E	LOCITY-KNOTS	
		WEATHER CONDITIONS			Т			FLIGHT PLAN	
	REMARKS-	HIT MTN APRX 6100F	T MSL.FOUND 1/22/77.					•	

FILE	DATE	LOCATION	AIRCRAFT DATA			IES S M		FLIGHT PURPOSE	PILOT DATA
3-0780	1/21/77 NR.PRE TIME - 1815	SCOTT, AZ	BEECH 35-C33 N6006F DAMAGE-DESTROYED	CR- PX-				NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 54, 1160 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT	IN	TENDED DESTINATION						
	BOISE.ID		PHOENIX • AZ			LIACI	: 01	- OPERATION	
		H GROUND/WATER	CONTROLLED		P			GHT NORMAL CRUISE	
	PROBABLE CAUSE		VER FLIGHT INTO ADV	/EDCE	A	THE		ANDI TI ONE	
	FACTOR(S)	IANU - CUNITNOEL	O VER FLIGHT INTO AU	VEK2E	WEA	IHE	, Li	INDT LIDIN 2	
	PILOT IN COMM	SH OBSTRUCTIONS CEILING	IN-FLIGHT DECISIONS	OR PL	ΔΝΝ	ING			
			FLIGHT SERVICE PERSO	ONNEL,	BY	PHI	NE		
			JRSTANTIALLY CORRECT						
	MISSING AIRCRAF	T - LATER RECON	/EKEU						
	SKY CONDITION				С	EIL	NG	AT ACCIDENT SITE	
	OBSCURATION					600			
	VISIBILITY AT A	CCIDENT SITE	•		Р	REC:		TATION AT ACCIDENT SITE	
•	OBSTRUCTIONS TO	VISION AT ACCI	IDENT SITE		T	YPE IF	-	WEATHER CONDITIONS	
	TYPE OF FLIGHT VFR	PLAN .							
	REMARKS- RECOVE								

#### ARTEES OF ACCIDENTS

FILE	DATE LOCATION	AIRCRAFT DATA	INJURIES F S M/N	PURPOSE	PILOT DATA
	/25/77 NR.PAYSON, AZ IME - 1830	CESSNA 172 N4181F DAMAGE-DESTROYED		NONCOMMERCIAL BUSINESS	PRIVATE, AGE 51. 341 TOTAL HOURS, 281 IN TYPE, NOT INSTRUMENT RATED.
D	DEPARTURE POINT SAFFORD•AZ	INTENDED DESTINATION RIMROCK, AZ			
т	TYPE OF ACCIDENT  COLLISION WITH GROUND/WA			OF OPERATION .IGHT UNCONTROLLED D	ESCENT
	PROBABLE CAUSE(S) PILOT IN COMMAND - CONTI PILOT IN COMMAND - SPATI FACTOR(S) WEATHER - LOW CEILING WEATHER - SNOW		VERSE WEATHER C	CONDITIONS	
W	WEATHER - FOG WEATHER - CONDITIONS COM BEATHER BRIEFING - NO RECOMPEATHER FORECAST - FORECAST SISSING AIRCRAFT - LATER F	ORD OF BRIEFING RECEIVED ST SUBSTANTIALLY CORRECT		3	
W M	WEATHER - CONDITIONS COMPEATHER BRIEFING - NO RECOMPEATHER FORECAST - FORECAST	ORD OF BRIEFING RECEIVED ST SUBSTANTIALLY CORRECT		S AT ACCIDENT SITE	
w M S V	WEATHER - CONDITIONS COMMEATHER BRIEFING - NO RECOMMEATHER FORECAST - FORECAST - LATER FORE	ORD OF BRIEFING RECEIVED ST SUBSTANTIALLY CORRECT RECOVERED	CEILING 500 PRECIPI RAIN	AT ACCIDENT SITE TATION AT ACCIDENT S SNOW SHOWERS	ITE
W M S V	WEATHER - CONDITIONS COMPATHER BRIEFING - NO RECCEPTATHER FORECAST - FORECASTISSING AIRCRAFT - LATER FORECASTISSING AIRCRAFT - LATER FORECASTISSING AT ACCIDENT SITE IN MILE OR LESS INSTRUCTIONS TO VISION AT NONE	ORD OF BRIEFING RECEIVED ST SUBSTANTIALLY CORRECT RECOVERED	CEILING 500 PRECIPI RAIN, TEMPERA 34	AT ACCIDENT SITE TATION AT ACCIDENT S SNOW SHOWERS TURE-F	ITE
W M S V	WEATHER - CONDITIONS COMPLEATHER BRIEFING - NO RECEAST - FORECAST ISSING AIRCRAFT - LATER FORECAST - LATER F	ORD OF BRIEFING RECEIVED ST SUBSTANTIALLY CORRECT RECOVERED	CEILING 500 PRECIPI RAIN, TEMPERA 34	AT ACCIDENT SITE TATION AT ACCIDENT S SNOW SHOWERS	ITE

			DKIEF	-5 UF AU	CIDENTS		
FILE	DATE	LOCATION	AIRCRAFT DATA	F	URIES S M/N	PURPOSE	PILOT DATA
3-0823	3/28/77 N TIME - UNK DEPARTURE PHOENIX, TYPE OF AC COLLISIO PROBABLE C	R.PHOENIX, AZ /NR POINT AZ CIDENT N WITH GROUND/WA AUSE(S)	BEECH E55 N4068S DAMAGE-DESTROYED INTENDED DESTINATION PAYSON, A Z  TER CONTROLLED	CR- PX-	1 0 0 0 0 0 LAST EI PUNK PHASE I IN FI	NONCOMMERCIAL BUSINESS NROUTE STOP IN CENTER,AZ OF OPERATION LIGHT NORMAL CRUI	PRIVATE, AGE 53, 15000 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
	WEATHER WEATHER WEATHER BR WEATHER FO	- LOW CEILING - FOG IEFING - BRIEFED	OUATE PREFLIGHT PREPARA  . BY FLIGHT SERVICE PERS IT SUBSTANTIALLY CORRECT ECOVERED	ONNEL,			
	ZERO OBSTRUCTIO FOG WIND DIREC 220 TYPE OF WE		ACCIDENT SITE		UNKNI PRECIP RAIN TEMPER 39 WIND VI 8 TYPE OF	G AT ACCIDENT SITE OWN/NOT REPORTED ITATION AT ACCIDEN SHOWERS ATURE-F ELOCITY-KNOTS F FLIGHT PLAN	•
	IFR FIRE AFTER REMARKS- R	IMPACT ECOVERED 4/8/77.			NONE		

FILE	DATE	LOCATION	AIRCRAFT DATA	F	S M	/N	PURPOSE		PILOT DATA
3-0917	TIME - 145	6 RPORT - FLAGSTAFF	GRUM AMER AA5-A N9894U DAMAGE-DESTROYED	CR-	1 0	0 N	ONCOMMERCIAL LEASURE/PERSONAL	,	
		POINT	INTENDED DESTINATION						
	TYPE OF AC	F,AZ	MESA,AZ		рылс	E 0E	OPERATION		
	STALL M						INITIAL CLIMB		
	FACTOR(S) WEATHER	- HIGH DENSITY AL	TO OBTAIN/MAINTAIN FL TITUDE UATE PREFLIGHT PREPARA			PLANN	ING		
	PILOT IN FACTOR(S) WEATHER PILOT IN	COMMAND - FAILED - HIGH DENSITY AL COMMAND - INADEO	TITUDE		D/OR				
	PILOT IN FACTOR(S) WEATHER	COMMAND - FAILED - HIGH DENSITY AL COMMAND - INADEO	TITUDE		D/OR CEIL		T ACCIDENT SITE		
	PILOT IN FACTOR(S) WEATHER PILOT IN SKY CONDIT SCATTERE VISIBILITY	COMMAND - FAILED - HIGH DENSITY AL COMMAND - INADEC ION D AT ACCIDENT SITE	TITUDE UATE PREFLIGHT PREPARA		D/OR CEIL UN PREC	ING A LIMIT IPITA	T ACCIDENT SITE	SITE	
	PILOT IN FACTOR(S) WEATHER PILOT IN SKY CONDIT SCATTERE VISIBILITY 5 OR OVE	COMMAND - FAILED - HIGH DENSITY AL COMMAND - INADEC ION D AT ACCIDENT SITE R(UNLIMITED)	TITUDE WATE PREFLIGHT PREPARA		D/OR  CEIL  UN  PREC  NO	ING A LIMIT IPITA NE	T ACCIDENT SITE ED TION AT ACCIDEN	SITE	
	PILOT IN FACTOR(S) WEATHER PILOT IN SKY CONDIT SCATTERE VISIBILITY 5 OR OVE OBSTRUCTIO	COMMAND - FAILED - HIGH DENSITY AL COMMAND - INADEC ION D AT ACCIDENT SITE	TITUDE WATE PREFLIGHT PREPARA		D/OR  CE I L  UN  PREC  NO TEMP	ING A LIMIT IPITA NE ERATU	T ACCIDENT SITE ED TION AT ACCIDEN	SITE	
	PILOT IN FACTOR(S) WEATHER PILOT IN SKY CONDIT SCATTERE VISIBILITY 5 OR OVE OBSTRUCTIO NONE	COMMAND - FAILED - HIGH DENSITY AL COMMAND - INADEC ION D AT ACCIDENT SITE R(UNLIMITED)	TITUDE WATE PREFLIGHT PREPARA		D/OR CEIL UN PREC NO TEMP 65	ING A LIMIT IPITA NE ERATU	T ACCIDENT SITE ED TION AT ACCIDEN	T SITE	
	PILOT IN FACTOR(S) WEATHER PILOT IN SKY CONDIT SCATTERE VISIBILITY 5 OR OVE OBSTRUCTIO NONE WIND DIREC	COMMAND - FAILED - HIGH DENSITY AL COMMAND - INADEC  ION D AT ACCIDENT SITE R(UNLIMITED) NS TO VISION AT A	TITUDE WATE PREFLIGHT PREPARA		D/OR  CEIL UN PREC NO TEMP 65 WIND	ING A LIMIT IPITA NE ERATU VELO	T ACCIDENT SITE ED TION AT ACCIDEN RE-F	SITE	

LE		LOCATION						FLIGHT PURPOSE	PILOT DATA
978	L. C.	R.MESA.AZ	BELLANCA 14-13					NONCOMMERCIAL PLEASURE/PERSONAL TRANSI	PRIVATE, AGE 41, 530 P TOTAL HOURS, 15 IN TYPE NOT INSTRUMENT RATED.
		PORT - FALCON FI	ELD						
	MESA AZ	UINI	INTENDED DESTINATION						•
		IDENT			Р	HASI	0	F OPERATION	
	COLLIDED	WITH WIRES/POLE	S			TAI	ν	FF INITIAL CLIMB	
	PILOT IN FACTORIS) TERRAIN - WEATHER - POWERPLAN MISCELLAN	- HIGH OBSTRUCTIO - HIGH DENSITY AL NT - PROPELLER AN NEOUS ACTS, CONDIT	ER OPERATION OF FLIGHT	CONTR	OLS				
	SKY CONDITI				С			AT ACCIDENT SITE	
		) AT ACCIDENT SITE R(UNLIMITED)			Р		PΙ	ITED TATION AT ACCIDENT SITE	
		IS TO VISION AT A	CCIDENT SITE		W			RECTION-DEGREES	
	NONE	-	_			17	)		
	WIND VELOCI	TY-KNOTS			Т	YP E VF I		WEATHER CONDITIONS	
	TYPE OF FLI	GHT PLAN				V [ 1	`		
	FIRE AFTER	IMPACT ENSITY ALT 3700FT							

FILE	DATE	LOCATION	AIRCRAFT DATA		FLIGHT PURPOSE	PILOT DATA
-1263	2/22/77 TIME - 1		PIPER PA-31 N9145Y DAMAGE-DESTROYED	CR- 1 0 0 PX- 4 0 0		COMMERCIAL, AGE 30, 353 TOTAL HOURS, 43 IN TYPE, INSTRUMENT RATED.
		RE POINT WORTH.TX	INTENDED DESTINATION ST LOUIS.MO			
		ACCIDENT	21 F0012*W0	PHASE OF	OPERATION	
		AME FAILURE IN FLIG	нт		GHT NORMAL CRUISE	
	PROBABLE	E CAUSE(S)				
	PERSON AIRFRA	NNEL - MAINTENANCE,S AME - FLIGHT CONTROL	ERVICING∙INSPECTION ERVICING∙INSPECTION SURFACES ELEVATOR A:	INADEQUATE INSPE	CTION OF AIRCRAFT (	MAINTENANCE PERSONNEL)
	PERSON WEATHE FACTOR (S MISCEL WEATHER	ER - TURBULENCE IN F S) LLANEOUS ACTS, CONDIT BRIEFING - BRIEFED	NNEL INCORRECT WEATH	FLIGHT SONNEL, BY PHONE		
	PERSON WEATHE FACTOR (S MISCEL WEATHER	NEL - WEATHER PERSON R - TURBULENCE IN FI S) LLANEOUS ACTS, CONDIT BRIEFING - BRIEFED I FORECAST - WEATHER	NNEL INCORRECT WEATH LIGHT, CLEAR AIR IONS - SEPARATION IN BY FLIGHT SERVICE PER	FLIGHT SONNEL, BY PHONE AN FORECAST	AT ACCIDENT SITE	
	PERSON WEATHE FACTOR (S MISCEL WEATHER WEATHER SKY COND BROKEN	NEL - WEATHER PERSON ER - TURBULENCE IN FI S) LANEOUS ACTS, CONDIT BRIEFING - BRIEFED I FORECAST - WEATHER I DITION N/LOWER SCATTERED	NNEL INCORRECT WEATH LIGHT, CLEAR AIR IONS - SEPARATION IN BY FLIGHT SERVICE PER	FLIGHT SONNEL, BY PHONE AN FORECAST CEILING 25000	•	
	PERSON WEATHE FACTOR(S MISCEL WEATHER WEATHER SKY COND BROKEN VISIBILI	NEL - WEATHER PERSON  R - TURBULENCE IN FI  S)  LLANEOUS ACTS, CONDIT  BRIEFING - BRIEFED I  FORECAST - WEATHER I  JITION  JIJOHER SCATTERED  ITY AT ACCIDENT SITE	NNEL INCORRECT WEATH LIGHT, CLEAR AIR IONS - SEPARATION IN BY FLIGHT SERVICE PER	FLIGHT SONNEL+ BY PHONE AN FORECAST CEILING 25000 PRECIPI	AT ACCIDENT SITE	SITE
	PERSON WEATHE FACTOR(S MISCEL WEATHER WEATHER SKY COND BROKEN VISIBILI 5 OR O	NEL - WEATHER PERSON PROPERTY OF THE PROPERTY OF THE PERSON LANEOUS ACTS, CONDIT BRIEFING - BRIEFED   FORECAST - WEATHER   DITION VLOWER SCATTERED ITY AT ACCIDENT SITE OVER (UNLIMITED)	NNEL INCORRECT WEATH LIGHT,CLEAR AIR IONS — SEPARATION IN 1 3Y FLIGHT SERVICE PER: CONSIDERABLY WORSE TH	FLIGHT SONNEL, BY PHONE AN FORECAST CEILING 25000 PRECIPI NONE	TATION AT ACCIDENT	SITE
	PERSON WEATHE FACTOR(S MISCEL WEATHER WEATHER SKY COND BROKEN VISIBILI 5 OR O	NEL - WEATHER PERSON  R - TURBULENCE IN FI  S)  LLANEOUS ACTS, CONDIT  BRIEFING - BRIEFED I  FORECAST - WEATHER I  JITION  JIJOHER SCATTERED  ITY AT ACCIDENT SITE	NNEL INCORRECT WEATH LIGHT,CLEAR AIR IONS — SEPARATION IN 1 3Y FLIGHT SERVICE PER: CONSIDERABLY WORSE TH	FLIGHT SONNEL+ BY PHONE AN FORECAST CEILING 25000 PRECIPI	TATION AT ACCIDENT	SITE
	PERSON WEATHER MISCEL WEATHER WEATHER SKY COND BROKEN VISIBILI 5 OR CO OBSTRUCT NONE WIND DIR	NEL - WEATHER PERSON PROPERTY OF THE PROPERTY OF THE PERSON LANEOUS ACTS, CONDIT BRIEFING - BRIEFED   FORECAST - WEATHER   DITION VLOWER SCATTERED ITY AT ACCIDENT SITE OVER (UNLIMITED)	NNEL INCORRECT WEATH LIGHT,CLEAR AIR IONS — SEPARATION IN 1 3Y FLIGHT SERVICE PER: CONSIDERABLY WORSE TH	FLIGHT SONNEL, BY PHONE AN FORECAST CEILING 25000 PRECIPI NONE TEMPERA' 64 WIND VEL	TATION AT ACCIDENT	SITE
	PERSON WEATHER FACTOR (S MISCEL WEATHER WEATHER SKY COND BROKEN VISIBILI 5 OR C OBSTRUCT NONE WIND DIR 170	NEL - WEATHER PERSON  RE - TURBULENCE IN FI  S)  LLANEOUS ACTS, CONDIT  BRIEFING - BRIEFED I  FORECAST - WEATHER I  MILOWER SCATTERED  ITY AT ACCIDENT SITE  IVER (UNLIMITED)  ITONS TO VISION AT ACT	NNEL INCORRECT WEATH LIGHT,CLEAR AIR IONS — SEPARATION IN 1 3Y FLIGHT SERVICE PER: CONSIDERABLY WORSE TH	FLIGHT SONNEL, BY PHONE AN FORECAST  CEILING 25000 PRECIPI' NONE TEMPERA' 64 WIND VEL	TATION AT ACCIDENT	SITE

FILE	DATE	LOCATION	AIRCRAFT DATA				FLIGHT PURPOSE		PILOT DATA
3-0885	5/28/77	LAMAR,AR 241							PRIVATE, AGE 45, 1200 TOTAL HOURS, UNK/NR IN TYPE, NOT'INSTRUMENT RATED.
	MIAMI, F TYPE OF A	E POINT IN EL ACCIDENT ION WITH GROUND/WATER	OBERLIN, KS		UN PHA	KNOW SEC	IROUTE STOP N/NOT REPORTED OF OPERATION IGHT UNCONTROLLED	DESCENT	
	PILOT I FACTOR(SI WEATHER WEATHER	IN COMMAND - CONTINUED IN COMMAND - SPATIAL D	DISORIENTATION /ITY FREPORTED	/ERSE W	EATH	ER C	CONDITIONS		
	SKY CONDI						AT ACCIDENT SITE		
	2 MILES	ST TY AT ACCIDENT SITE S OR LESS IONS TO VISION AT ACCI	IDENT SITE		PRE T	HUNC	TATION AT ACCIDENT DERSTORM TURE-F	SITE	
	HAZE TYPE OF W IFR	VEATHER CONDITIONS					FLIGHT PLAN		
3-0376	NAME OF A	D19 AIRPORT - NAS LEMOORE E POINT IN		CR- PX-	1 0	0	NONCOMMERCIAL PLEASURE/PERSONAL	TRANSP	PRIVATE, AGE 27, 246 TOTAL HOURS, 39 IN TYPE, NOT INSTRUMENT RATED.
	TYPE OF A						OF OPERATION NG MISSED APPROAC	н	
	PILOT I	CAUSE(S) IN COMMAND - CONTINUE IN COMMAND - SPATIAL D		/ERSE W	E A TH	ER C	CONDITIONS		
	WEATHER	R - LOW CEILING R - FOG	STAGET SERVICE REPOS		מ אַמ	lo No			
		BRIEFING - BRIEFED BY FORECAST - FORECAST SE		INNEL ,	BYP	HUNE	:		
	SKY COND				CEI		AT ACCIDENT SITE		
		TY AT ACCIDENT SITE			PRE		TATION AT ACCIDENT	SITE	
		IONS TO VISION AT ACC	IDENT SITE		TEM 3		TURE-F		
		ECTION-DEGREES					ELOCITY-KNOTS		
		WEATHER CONDITIONS				E OF DNE	FLIGHT PLAN		

	DATE	LOCATION	AIRCRAFT DATA	IN.	JURIE:	S M/N	FLIGHT PURPOSE	PILOT DATA
								PRIVATE, AGE 43, 1000 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE UNKNOWN/	IRPORT - SONOMA SK POINT NOT REPORTED CCIDENT	INTENDED DESTINATION		UNI PHA:	KNDWN SE OF	ROUTE STOP 1/NOT REPORTED - OPERATION IG TRAFFIC PATTERN-CIRC	
	PILOT I PILOT I WEATHER	N COMMAND - ATTEMP N COMMAND - EXERCI	TO OBTAIN/MAINTAIN FL	•		BILIT	Y LEVEL	
	SKY CONDI	TION			CEI	LING	AT ACCIDENT SITE	
		TION Y AT ACCIDENT SITE OR LESS			PRE	OO CIPII ONE	TATION AT ACCIDENT SITE	
	OBSTRUCTI	ONS TO VISION AT A	CCIDENT SITE		WIN	VEL	DCITY-KNOTS	
	FOG TYPE OF W IFR	EATHER CONDITIONS			TYP	ALM E OF ONE	FLIGHT PLAN	
3-0452		BIG BEAR CITY•CA	BEECH K35 N5315F	CR-	1 0	0	NONCOMMERCIAL PLEASURE/PERSONAL TRANS	COMMERCIAL, AGE 39, 629 P TOTAL HOURS, 225 IN TYPE
-	11112 19	20	DAMAGE-DESTROYED	' ^	3 0	U	TELASONE TRANS	INSTRUMENT RATED.
	NAME OF A	TRROPT - RIG REAR	CITY					
	NAME OF A DEPARTURE	IRPORT - BIG BEAR POINT	CITY INTENDED DESTINATION					
	DEPARTURE BIG BEA	POINT R CITY, CA	INTENDED DESTINATION HAWTHORNE, CA		DUA.		ODERATION	
	DEPARTURE BIG BEA TYPE OF A	IRPORT — BIG BEAR POINT R CITY, CA CCIDENT D WITH TREES	CITY INTENDED DESTINATION HAWTHORNE, CA		PHA:	SE OF	OPERATION GHT CLIMB TO CRUISE	
	DEPARTURE BIG BEA TYPE OF A COLLIDE PROBABLE PILOT I FACTOR(S) WEATHER	POINT R CITY,CA CCIDENT D WITH TREES CAUSE(S) N COMMAND — INITIA	INTENDED DESTINATION HAWTHORNE, CA	WEATHE	PHA: II	SE OF	GHT CLIMB TO CRUISE	
	DEPARTURE BIG BEA TYPE OF A COLLIDE PROBABLE PILOT I FACTOR(S) WEATHER WEATHER WEATHER	POINT R CITY, CA CCIDENT D WITH TREES  CAUSE(S) N COMMAND - INITIA C - LOW CEILING - RAIN - FOG	INTENDED DESTINATION HAWTHORNE, CA  TED FLIGHT IN ADVERSE  BY FLIGHT SERVICE PERS	ONNEL,	PHA: II	SE OF N FLI	GHT CLIMB TO CRUISE	
	DEPARTURE BIG BEA TYPE OF A COLLIDE PROBABLE PILOT I FACTOR(S) WEATHER WEATHER WEATHER	POINT R CITY, CA CCIDENT D WITH TREES  CAUSE(S) N COMMAND - INITIA - LOW CEILING - RAIN - FOG RIEFING - BRIEFED ORECAST - UNKNOWN/	INTENDED DESTINATION HAWTHORNE, CA  TED FLIGHT IN ADVERSE  BY FLIGHT SERVICE PERS	ONNEL,	PHA Ir R CONI BY PI CEI	SE OF N FLI DITIO	GHT CLIMB TO CRUISE	
	DEPARTURE BIG BEA TYPE OF A COLLIDE PROBABLE PILOT I FACTOR(S) WEATHER WEATHER WEATHER WEATHER B WEATHER F SKY CONDIS VISIBILIT	POINT R CITY, CA CCIDENT D WITH TREES  CAUSE(S) N COMMAND - INITIA - LOW CEILING - RAIN - FOG RIEFING - BRIEFED ORECAST - UNKNOWN/ TION T	INTENDED DESTINATION HAWTHORNE, CA  TED FLIGHT IN ADVERSE  BY FLIGHT SERVICE PERS NOT REPORTED	ONNEL,	PHA Ir R CONI BY PI CEI 80 PRE	SE OF THE SECONDITIONS  HONE  LING OO  CIPI	GHT CLIMB TO CRUISE  ONS  AT ACCIDENT SITE  FATION AT ACCIDENT SITE	
	DEPARTURE BIG BEA TYPE OF A COLLIDE PROBABLE PILOT I FACTOR(S) WEATHER WEATHER WEATHER WEATHER B WEATHER B WEATHER B VEATHER B VEATHER B VEATHER B SKY CONDI OVERCAS VISIBILIT UNKNOWN OBSTRUCTI FOG	POINT R CITY, CA CCIDENT D WITH TREES  CAUSE(S) N COMMAND - INITIA - LOW CEILING - RAIN - FOG RIEFING - BRIEFED ORECAST - UNKNOWN/ TION	INTENDED DESTINATION HAWTHORNE, CA  TED FLIGHT IN ADVERSE  BY FLIGHT SERVICE PERS NOT REPORTED	ONNEL,	PHA: IN R CONI BY PI CEI 81 PRE PRE TYP	SE OF FLI	GHT CLIMB TO CRUISE  ONS  AT ACCIDENT SITE  FATION AT ACCIDENT SITE	

 DATE		AIRCRAFT DATA	F	:	S M/	N	PURPOSE	PILOT DATA
	SACRAMENTO.CA	BEECH 35	CR-	1	0	0	NONCOMMER CIAL	
	IRPORT - SACRAMENT POINT	O EXECUT INTENDED DESTINATION						
		SACRAMENTO.CA						
TYPE OF A		340,44,44,44,44		Р	HASE	OF	OPERATION	
STALL	MUSH				LAN	DIN	G GO-AROUND	
WEATHER B		D CONDITIONS BY FLIGHT SERVICE PERSO SUBSTANTIALLY CORRECT	NNEL,	вч	PHO	NE		
SKY CONDI CLEAR	TION			С	EILI		AT ACCIDENT SITE	
VISIBILIT	Y AT ACCIDENT SITE ER (UNLIMITED)			P		PIT	ATION AT ACCIDENT SITE	
	ONS TO VISION AT A	CCIDENT SITE		Т			URE-F	
NONE							OCTTV VNOTE	
	CTION-DEGREES			W	IND 17	VEL	OCITY-KNOTS	
WIND DIRE 320	CTION-DEGREES EATHER CONDITIONS				17	0F	FLIGHT PLAN	

FILE			AIRCRAFT DATA	INJURIES F S M/N	FL IGHT PUR POSE	PILOT DATA
3 <b>-</b> 0494	3/23/77 NR. TIME - 1855				NONCOMMERCIAL BUSINESS	
		OINT IN				
	SAN JOSE (		SACRAMENTO, CA	NUASE O	E 0050 4 TLON	
	TYPE OF ACCI	WITH GROUND/WATER	CONTROLLED		F OPERATION IGHT NORMAL CRUISE	
	PILOT IN ( FACTOR(S)	COMMAND - CONTINUED	VFR FLIGHT INTO AD OPERATION BEYOND E			
	WEATHER -	SNOW	FLIGHT SERVICE PERS	ONNEL BY PHONE		
			BSTANTIALLY CORRECT			
	SKY CONDITION	ĎN .		CEILING 0	AT ACCIDENT SITE	
		AT ACCIDENT SITE			TATION AT ACCIDENT SITE	
	OBSTRUCTIONS UNKNOWN/NO TYPE OF FLIC	S TO VISION AT ACCI OT REPORTED	DENT SITE		WEATHER CONDITIONS	
	NONE FIRE AFTER 1	I MP ACT				
J <b>-</b> 2180	3/24/77 N TIME - 2129	WRIGHTWOOD•CA	BEECH H35 N5508D DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANS	PRIVATE, AGE 42, 1326 P TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE PO	DINT IN	TENDED DESTINATION	•		KATED.
	HAILEY, ID		PALM SPRINGS, CA	DUACE O	C ODERATION	
	TYPE OF ACC: COLLISION	WITH GROUND/WATER	CONTROLLED		F OPERATION IGHT NORMAL CRUISE	
	FACTOR(S) WEATHER - WEATHER -	COMMAND - CONTINUED LOW CEILING RAIN	VFR FLIGHT INTO AD		ONDI TI ONS	
	MISCELLANI WEATHER BRID	EOUS ACTS.CONDITION EFING - BRIEFED BY	NCLUDES SLEET,FREEZ IS - PILOT FATIGUE FLIGHT SERVICE PERS IBSTANTIALLY CORRECT	ONNEL, BY PHONE		
	SKY CONDITION			CEILING O	AT ACCIDENT SITE	
		AT ACCIDENT SITE			TATION AT ACCIDENT SITE	
	1/4 MILE OBSTRUCTION	OR LESS S TO VISION AT ACCI OT REPORTED	DENT SITE	RAIN	SHOWERS WEATHER CONDITIONS	

FILE	DATE	LOCATION	AIRCRAFT DATA	 RIES S M/N .	FLIGHT PURPOSE		PILOT DATA
3-0453	3/25/77 IN TIME - 1925 NAME OF AIRPO	RT - INYOKERN	CESSNA 172M N20441 DAMAGE-SUBSTANTIAL		NONCOMMERCI PRACTICE	AL	PRIVATE, AGE 47, 93 TOTAL HOURS, 16 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT INYOKERN.CA	· ·	ITENDED DESTINATION LOCAL				
	TYPE OF ACCIDE				F OPERATION NG GO-AROUN	D	
	PILOT IN CONFACTOR(S)	MAND — IMPROPER MAND — MISJUDGER MAND — LACK OF F	IN-FLIGHT DECISIONS ALTITUDE AMILIARITY WITH AIRC	 ING			
		ING — UNKNOWN/NOI					
	SKY CONDITION OBSCURATION VISIBILITY AT	ACCIDENT SITE		UNKNO	AT ACCIDENT WN/NOT REPOR TATION AT AC	TED	
	1/4 MILE OR		DENT SITE	NONE TEMPERA 35		0102.07 0172	
	TYPE OF WEATH	R CONDITIONS			FLIGHT PLAN		

			BRIEF	S UF A		DENTS	<b>.</b>	·	
FILE	DATE	LOCATION	AIRCRAFT DATA		F	IES S M/N	1	PURPOSE	PILOT DATA
3-1847	4/1/77 TIME - 17	SPRING VALLEY, CA	CESSNA 411A N9100V DAMAGE-DESTROYED.		1	0 0	)	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, FL.INSTR., AGE 44, 3242 TOTAL HOURS, 1058 IN TYPE, INSTRUMENT RATED.
	DEPARTURE	POINT COUNTY•CA	INTENDED DESTINATION LOGAN, UT						
	TYPE OF A		LUGAN • UT		D	LACE	0 E	OP ER A TI ON	
		ED WITH TREES			r			GHT CLIMB TO CRUISE	
	PROBABLE					<b></b>			
			FED FLIGHT IN ADVERSE ER IN-FLIGHT DECISIONS				IO	NS	
	FACTOR(S)	R - LOW CEILING							
	WEATHER	- FOG							
		N - HIGH OBSTRUCTION	NS BY FLIGHT SERVICE PERS	ONNEL.	ВV	RADI	· n		
			SUBSTANTIALLY CORRECT		٠.	NAD1			
	MISSING A	AIRCRAFT - LATER REC	COVERED						
	SKY CONDI	TION			. c	EILIN	IG	AT ACCIDENT SITE	
	OBSCURA					0			
	VISIBILIT ZERO	TY AT ACCIDENT SITE			Р	RECIP		ATION AT ACCIDENT SITE	
		ONS TO VISION AT AC	CIDENT SITE		т			URE-F	
	FOG	TONS TO VISION AT A	3017/2141 3112			32		one i	
	WIND DIRE	CTION-DEGREES			W	IND V	/EL	OCITY-KNOTS	
	230					15			
		VEATHER CONDITIONS			Т	YPF O	۱E	FLIGHT PLAN	
		MINIMUMS			•	VFR	,,	· EIO···································	

	DATE LOCATION	AIRCRAFT DATA					FLIGHT PURPOSE		PILOT DATA
-1217	5/5/77 HUNTINGTON BCH.CA TIME - 0738	N2826V DAMAGE-DESTROYED							PRIVATE, AGE 37, 250 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT I								
	CEDAR CITY.UT	FULLERTON + CA							
	TYPE OF ACCIDENT AIRFRAME FAILURE IN FLIGHT			Р			OPERATION SHT UNCONTROLLED	DESCENT	Ī
	PROBABLE CAUSE(S)								
	PILOT IN COMMAND - CONTINUE		VER SE	WE A	THER	COV	NDITIONS		
	PILOT IN COMMAND - SPATIAL				000.45	_			
	PILOT IN COMMAND - EXCEEDED FACTOR(S)	DESIGNED STRESS EIM	IIS UF	ΑI	KCKAF	1			
	WEATHER - OTHER								
	AIRFRAME - WINGS SKIN AND	ATTACHMENTS							
	MISCELLANEOUS ACTS. CONDITIO		=						
	MISCELLANEOUS ACTS, CONDITIO								
	WEATHER BRIEFING - BRIEFED BY	FLIGHT SERVICE PERSO	ONNE L .	ΙN	PERS	ON			
	WEATHER FORECAST - FORECAST S	UBSTANTIALLY CORRECT							
	SKY CONDITION .			С	EILIN	1G 4	AT ACCIDENT SITE		
	OVERCAST				1900	)			
				Р			ATION AT ACCIDENT	SITE	
	VISIBILITY AT ACCIDENT SITE				DR I Z	ZLE	,		
	5 OR OVER (UNLIMITED)								
	5 OR OVER (UNLIMITED) OBSTRUCTIONS TO VISION AT ACC	IDENT SITE		Т	EMPE	tΑTL	JRE-F		
	5 OR OVER (UNLIMITED) OBSTRUCTIONS TO VISION AT ACCUMONE	INENT SITE			EMPER 60				
	5 OR OVER(UNLIMITED) OBSTRUCTIONS TO VISION AT ACC NONE WIND DIRECTION-DEGREES	IDENT SITE			EMPER 60 IND \		JRE-F DCITY-KNÖTS		
	5 OR OVER(UNLIMITED) OBSTRUCTIONS TO VISION AT ACC NONE WIND DIRECTION-DEGREES 210	IDENT SITE		W	EMPER 60 IND \ 6	/ELC	OCITY-KNÖTS		
	5 OR OVER(UNLIMITED) OBSTRUCTIONS TO VISION AT ACC NONE WIND DIRECTION-DEGREES	IDENT SITE		W	EMPER 60 IND \ 6	/ELC			

FILE	DATE	LOCATION	· AIRCRAFT DATA			FLIGHT N PURPOS	E	PILOT DATA
3-2186	TIME - 223 DEPARTURE KENO NV TYPE OF AC	O IF	DAMAGE-DESTROYED	PX-	LAST I COAI PHASE		N	PRIVATE, AGE 31, 190 TOTAL HOURS, 28 IN TYPE NOT INSTRUMENT RATED.
	FACTOR(S) TERRAIN WEATHER WEATHER WEATHER BR WEATHER FO	- HIGH OBSTRUCTIONS - LOW CEILING - FOG IEFING - BRIEFED BY	O VFR FLIGHT INTO ADV FLIGHT SERVICE PERSO JASTANTIALLY CORRECT VERED					
	ZERO		IDENT SITE		O PRECII NONI TEMPEI 60	-	ACCIDENT SITE	

FILE		AIRCRAFT DATA	F S M/N		PILOT DATA
3-2034	5/30/77 NR.YUCCA VALLEY, TIME - 1244 DEPARTURE POINT EL MONTE.CA TYPE OF ACCIDENT AIRFRAME FAILURE IN FL	CA PIPER PA-28R N8699E DAMAGE-DESTROYED INTENDED DESTINATION RETURN	CR- 1 0 0 PX- 1 0 0 LAST EN YUCCA PHASE C	NONCOMMERCIAL	PRIVATE, AGE 51, 147 TOTAL HOURS, 35 IN TYPE, NOT INSTRUMENT RATED.
	FACTOR(S) WEATHER - TURBULENCE IN MISCELLANEOUS ACTS.COND	ITIONS - OVERLOAD FAILUR ITIONS - SEPARATION IN F ORD OF BRIEFING RECEIVED	E		
	SKY CONDITION CLEAR VISIBILITY AT ACCIDENT SI 5 OR OVER (UNLIMITED) OBSTRUCTIONS TO VISION AT NONE TYPE OF WEATHER CONDITION VFR REMARKS- MDT TO SVR TURBO	ACCIDENT SITE	UNLIM PRECIPI NONE TEMPERA 90 TYPE OF NONE	TATION AT ACCIDENT SITE  TURE-F  FLIGHT PLAN	
3-1834	6/7/77 RIVERSIDE,CA TIME - 2340	CESSNA 177RG N1599H DAMAGE-DESTROYED			PRIVATE, AGE 49, 781 TOTAL HOURS, 472 IN TYPE NOT INSTRUMENT RATED.
	NAME OF AIRPORT - RIVERSI DEPARTURE POINT RIVERSIDE.CA TYPE OF ACCIDENT COLLISION WITH GROUND/W PROBABLE CAUSE(S) PILOT IN COMMAND - SPAT FACTOR(S) WEATHER - OBSTRUCTIONS WEATHER BRIEFING - UNKNOW SKY CONDITION PARTIAL OBSCURATION	DE INTENDED DESTINATION BLYTHE+CA  MATER UNCONTROLLED  MATER DISDRIENTATION TO VISION	IN FL CEILING UNKNO	OF OPERATION IGHT UNCONTROLLED DESCEN AT ACCIDENT SITE ONN/NOT REPORTED	
	VISIBILITY AT ACCIDENT SI 4 MILES OR LESS- OBSTRUCTIONS TO VISION AT HAZE WIND VELOCITY-KNOTS 5 TYPE OF FLIGHT PLAN NONE		PRECIPI NONE WIND DI 260	TATION AT ACCIDENT SITE RECTION-DEGREES WEATHER CONDITIONS	

ILE	DATE	LOCATION	AIRCRAFT DATA						PILOT DATA
					S M				
-2979		UPLAND.CA 740	AERO COMDR 680	CR- PX-	1 0 4 0	0 N 0 P	ONCOMMERCIAL		COMMERCIAL, AGE 30, 1675 TOTAL HOURS, 320 IN TYPE INSTRUMENT RATED.
		AIRPORT - CABLE E POINT •CA	INTENDED DESTINATION SAN DIEGO•CA						
	TYPE OF	ACCIDENT ED WITH RESIDENCE					OPERATION HT OTHER		
	FACTOR (S								
	INSTRU WEATHE WEATHE WEATHER	MENTS/EQUIPMENT AN R - LOW CEILING R - FOG BRIEFING - BRIEFEG	OUATE PREFLIGHT PREPARA  ND ACCESSORIES - FLIGHT  D BY FLIGHT SERVICE PERS ST SUBSTANTIALLY CORRECT	AND NAV	IGATI	ON IN		UDE GYRC	
	INSTRUI WEATHE WEATHER WEATHER WEATHER SKY COND	MENTS/EQUIPMENT AN R - LOW CEILING R - FOG BRIEFING - BRIEFEL FORECAST - FORECAS ITION	ND ACCESSORIES - FLIGHT  D BY FLIGHT SERVICE PERS	AND NAV	IGATI BY PHI CEIL	ON IN		UDE GYRC	
	INSTRUI WEATHE WEATHE WEATHER WEATHER SKY COND OVERCA	MENTS/EQUIPMENT AN R - LOW CEILING R - FOG BRIEFING - BRIEFEL FORECAST - FORECAS ITION	D ACCESSORIES - FLIGHT  BY FLIGHT SERVICE PERSIST SUBSTANTIALLY CORRECT	AND NAV	IGATI BY PHI CEIL 20	ON IN ONE ING A	ŠTRUMENTS ATTITU		
	INSTRUI WEATHE WEATHER WEATHER WEATHER SKY COND OVERCA VISIBILI 1/2 MI	MENTS/EQUIPMENT AN R — LOW CEILING R — FOG BRIEFING — BRIEFEL FORECAST — FORECAS ITION ST LY AT ACCIDENT SIT LE OR LESS	D ACCESSORIES - FLIGHT  BY FLIGHT SERVICE PERSIST SUBSTANTIALLY CORRECT	AND NAV	BY PHO CEIL 20 PREC NO	DNE ING A O IPITA NE	STRUMENTS ATTITU T ACCIDENT SITE TION AT ACCIDENT		
	INSTRUMENTHE WEATHER WEATHER WEATHER SKY CONDOVERCA VISIBILI 1/2 MI OBSTRUCT	MENTS/EQUIPMENT AN R — LOW CEILING R — FOG BRIEFING — BRIEFEC FORECAST — FORECAS ITION ST TY AT ACCIDENT SI	D ACCESSORIES - FLIGHT  BY FLIGHT SERVICE PERSIST SUBSTANTIALLY CORRECT	AND NAV	CEIL 20 PREC NO TEMP	ON IN ONE ING A O IPITA NE ERATU	STRUMENTS ATTITU T ACCIDENT SITE TION AT ACCIDENT		
	INSTRUI WEATHE WEATHER WEATHER SKY COND OVERCA VISIBILI 1/2 MI OBSTRUCT FOG TYPE OF	MENTS/EQUIPMENT AN R — LOW CEILING R — FOG BRIEFING — BRIEFEL FORECAST — FORECAS ITION ST LY AT ACCIDENT SIT LE OR LESS	ND ACCESSORIES - FLIGHT  O BY FLIGHT SERVICE PERSON  ST SUBSTANTIALLY CORRECT  TE  ACCIDENT SITE	AND NAV	CEIL 20 PREC NO TEMP 60 TYPE	DNE ING A O IPITA NE ERATU	STRUMENTS ATTITU T ACCIDENT SITE TION AT ACCIDENT		)
	INSTRUI WEATHER WEATHER WEATHER WEATHER SKY COND OVERCA VISIBILI 1/2 MI 0BSTRUCT FOG TYPE OF IFR FIRE AFT	MENTS/EQUIPMENT AN R — LOW CEILING R — FOG BRIEFING — BRIEFEC FORECAST — FORECAS  ITION ST TY AT ACCIDENT SIT LE OR LESS IONS TO VISION AT WEATHER CONDITIONS ER IMPACT	ND ACCESSORIES - FLIGHT  O BY FLIGHT SERVICE PERSON  ST SUBSTANTIALLY CORRECT  TE  ACCIDENT SITE	ONNEL,	CEIL 20 PREC NO TEMP 60 TYPE	ON INDONE ING A O IPITA NE ERATU OF F	T ACCIDENT SITE TION AT ACCIDENT RE-F	SITE	
	INSTRUI WEATHER WEATHER WEATHER WEATHER SKY COND OVERCA VISIBILI 1/2 MI 0BSTRUCT FOG TYPE OF IFR FIRE AFT	MENTS/EQUIPMENT AN R — LOW CEILING R — FOG BRIEFING — BRIEFEC FORECAST — FORECAS  ITION ST TY AT ACCIDENT SIT LE OR LESS IONS TO VISION AT WEATHER CONDITIONS ER IMPACT	D ACCESSORIES - FLIGHT  BY FLIGHT SERVICE PERSON  ST SUBSTANTIALLY CORRECT  FE  ACCIDENT SITE	ONNEL,	CEIL 20 PREC NO TEMP 60 TYPE	ON INDONE ING A O IPITA NE ERATU OF F	T ACCIDENT SITE TION AT ACCIDENT RE-F	SITE	
	INSTRUI WEATHER WEATHER WEATHER WEATHER SKY COND OVERCA VISIBILI 1/2 MI 0BSTRUCT FOG TYPE OF IFR FIRE AFT	MENTS/EQUIPMENT AN R — LOW CEILING R — FOG BRIEFING — BRIEFEC FORECAST — FORECAS  ITION ST TY AT ACCIDENT SIT LE OR LESS IONS TO VISION AT WEATHER CONDITIONS ER IMPACT	D ACCESSORIES - FLIGHT  BY FLIGHT SERVICE PERSON  ST SUBSTANTIALLY CORRECT  FE  ACCIDENT SITE	ONNEL,	CEIL 20 PREC NO TEMP 60 TYPE	ON INDONE ING A O IPITA NE ERATU OF F	T ACCIDENT SITE TION AT ACCIDENT RE-F	SITE	

FILE		N AIRCRAFT DATA	F	S M/	N PURPOSE		PILOT DATA
<b>-</b> 1956	6/20/77 NR.CORONA.CA TIME - 0901	CESSNA 340A	CR-	. 0	NONCOMMERCIAL		COMMERCIAL, AGE 24, 1725 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT	INTENDED DESTINATION					
	SANTA ANA.CA	CHINO.CA					
	TYPE OF ACCIDENT				OF OPERATION		
	COLLISION WITH GROUN	D/WATER CONTROLLED		IN	LIGHT NORMAL CRUISE		
	MISCELLANEOUS ACTS, C FACTOR(S)	ONTINUED VFR FLIGHT INTO AD ONDITIONS — UNWARRANTED LOW MPROPER IN-FLIGHT DECISIONS UCTIONS	FLYING		CONDITIONS		
	WEATHER - LOW CEILIN WEATHER - FOG	G RECORD OF BRIEFING RECEIVED					
	WEATHER - LOW CEILIN WEATHER - FOG	•		CEILI	NG AT ACCIDENT SITE		
	WEATHER - LOW CEILIN WEATHER - FOG WEATHER BRIEFING - NO SKY CONDITION OVERCAST	RECORD OF BRIEFING RECEIVED		100	0		
	WEATHER - LOW CEILIN WEATHER - FOG WEATHER BRIEFING - NO SKY CONDITION OVERCAST VISIBILITY AT ACCIDENT	RECORD OF BRIEFING RECEIVED		100 PRECI	O PITATION AT ACCIDENT S	I TE	
	WEATHER - LOW CEILIN WEATHER - FOG WEATHER BRIEFING - NO SKY CONDITION OVERCAST VISIBILITY AT ACCIDENT ZERO	RECORD OF BRIEFING RECEIVED		100 PRECI NON	O PITATION AT ACCIDENT S E	I TE	
	WEATHER - LOW CEILIN WEATHER - FOG WEATHER BRIEFING - NO SKY CONDITION OVERCAST VISIBILITY AT ACCIDENT ZERO OBSTRUCTIONS TO VISION	RECORD OF BRIEFING RECEIVED		100 PRECI NON TYPE	O PITATION AT ACCIDENT S	I TE	
	WEATHER - LOW CEILIN WEATHER - FOG WEATHER BRIEFING - NO SKY CONDITION OVERCAST VISIBILITY AT ACCIDENT ZERO	RECORD OF BRIEFING RECEIVED		100 PRECI NON	O PITATION AT ACCIDENT S E	ΪΤΕ	

### DDIECS OF ACCIDENTS

7/10/77 ND 1						/N	FLIGHT PURPOSE	PILOT DATA			
TIME - 1433	RUCKEE, CA	PIPER PA-28 N44119 DAMAGE-DESTROYED					NONCOMMERCIAL PLEASURE/PERSONAL TRANS	COMMERCIAL, AGE 42, 58 FO TOTAL HOURS, 7 IN TYPE INSTRUMENT RATED.			
NAME OF AIRPORT - TRUCKEE-TAHOE											
DEPARTURE POI		INTENDED DESTINATION SOUTH LAKE TAHOE, CA									
TYPE OF ACCIO		SOUTH LAKE TAMOETCA		D	HAS	E 0 E	ODEDATION				
TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT CLIMB TO CRUISE											
COLLIDED WI		CITOR					GHT CLIMB TO CRUISE				
FACTOR(S) WEATHER - H WEATHER - E	IGH DENSITY A			i PO	IWER	PLAN	NI CUNTRULS				
SKY CONDITION	ı			С		ING LIMI	AT ACCIDENT SITE				
	ACCIDENT SITE	E		P	REC		TATION AT ACCIDENT SITE				
OBSTRUCTIONS NONE	TO VISION AT	ACCIDENT SITE		T	E MP 8 2		TURE-F				
WIND DIRECTION	N-DEGREES			W	IND 15		OCITY-KNOTS				
	IER CONDITIONS			1	TYPE		FLIGHT PLAN				

FILE	DATE	LOCATION	AIRCRAFT DATA	1	JUR I	M/N		PILOT DATA				
i <del>-</del> 3442	7/20/77 TIME - 064	EUREKA.CA 40	BEECH 95-B55 N125WE DAMAGE-DESTROYED	CR-	1	0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, FL.INSTR., AGE 27, 2300 TOTAL HOURS 25 IN TYPE, INSTRUMENT RATED.				
	NAME OF AIRPORT - MURRAY FIELD											
			INTENDED DESTINATION									
	EUREKA • 0		SACRAMENTO.CA				OF OPERATION					
		CCIDENT										
	COLLISIO	ON WITH GROUND/WA	IEK UNCONIKULLED			N F	IGHT CLIMB TO CRUISE					
	FACTOR(S) WEATHER WEATHER BE		BY FLIGHT SERVICE PERS T SUBSTANTIALLY CORRECT		ву і	HONI	<b>=</b>					
	SKY CONDIT	LION			CE	LIN	AT ACCIDENT SITE					
	OVERCAST					'50						
	VISIBILITY 4 MILES	Y AT ACCIDENT SITE OR LESS	Ę			CIP	ITATION AT ACCIDENT SIT	ΓE				
	OBSTRUCTIO	ONS TO VISION AT	ACCIDENT SITE		TE	1PER	ATURE-F					
	FOG					0						
	WIND VELO	CITY-KNOTS					WEATHER CONDITIONS					
	CALM					FR						
	TYPE OF FU	IGHT PLAN										
	REMARKS- L	OSS OF CONTROL FO	OR UNDETERMINED REASONS	IN AD	VERS	WE.	ATHER.					

### DRIECE OF ACCIDENTS

FIĹE	DATE	LOCATION	AIRCRAFT DATA	ı		S M/N	PUR	RPOSE		PILOT DATA		
-3194	7/24/77 TIME - 131	TAHOE PARADISE,CA 2	PIPER PA-32R N1263H DAMAGE-DESTROYED	CR-	1	0 0	NONCOM	MERCIAL JRE/PERSONAL		PRIVATE, AGE 48, 191 TOTAL HOURS, 6 IN TYPE,		
	NAME OF AIRPORT - LAKE TAHDE  DEPARTURE POINT INTENDED DESTINATION  TAHDE PARADISE,CA EL MONTE,CA  TYPE OF ACCIDENT PHASE OF OPERATION  STALL MUSH TAKEOFF INITIAL CLIMB											
	PILOT IN PILOT IN PILOT IN PILOT IN MISCELLA FACTOR(S) WEATHER WEATHER	COMMAND - PREMATURI COMMAND - MISJUDGE COMMAND - FAILED TO COMMAND - PHYSICAL NEOUS ACTS, CONDITION - DOWNDRAFT, UPDRAFT - HIGH DENSITY ALTI	D DISTANCE, SPEED, AND D OBTAIN/MAINTAIN FL' IMPAIRMENT NS - ALCOHOLIC IMPAIN	ALTITI YING SE	JDE PEEI	D EFF IC	IENCY AM	ND JUDGMENT				
	SKY CONDIT	ION		0.1112.27	CI	EILIN	G AT AC	CIDENT SITE				
	VISIBILITY	OWER SCATTERED AT ACCIDENT SITE R(UNLIMITED)				1500 RECIP NONE	ITATION	AT ACCIDEN	T SITE			
	OBSTRUCTIO NONE	NS TO VISION AT ACC	IDENT SITE		T	EMPER 78	A TUR E-F					
	WIND DIREC	TION-DEGREES			W.	IND V	ELOCITY-	-KNOTS				
	TYPE OF WE VFR	ATHER CONDITIONS			T,		F FLIGHT	T PLAN				
	FIRE AFTER	IMPACT										

FILE	DATE L	OCATION	AIRCRAFT DATA	INJU F					PILOT DATA
3-3354	8/4/77 CRESC TIME - 1717				0	0	NONCOMMERCIAL PLEASURE/PERSONAL TO	RANSP	PRIVATE, AGE 57, 3000 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT DEPARTURE POINT RED BLUFF,CA TYPE OF ACCIDENT COLLISION WITH		NTENDED DESTINATION CRESCENT CITY,CA				F OPERATION NG MISSED APPROACH		
	PROBABLE CAUSE(S PILOT IN COMMA FACTOR(S) WEATHER - LOW WEATHER - FOG	) ND - SPATIAL   CEILING		R DATA	LA	NUT	NG MISSEU APPRUACH		
	SKY CONDITION OVERCAST/LOWER VISIBILITY AT AC 3 MILES OR LES OBSTRUCTIONS TO FOG WIND DIRECTION-D	CIDENT SITE S VISION AT ACC	IDENT SITE		50 PREC NO TEMP 57 WIND	D IPI NE ERA	AT ACCIDENT SITE TATION AT ACCIDENT S TURE-F LOCITY-KNOTS	ITE .	
	310 TYPE OF WEATHER IFR FIRE AFTER IMPAC				6 TYPE IF		FLIGHT PLAN-		
-2971			CESSNA 172M N1786V DAMAGE-DESTROYED	CR- 1 PX- 1	0	0	NONCOMMERCIAL PLEASURE/PERSONAL TR	RANSP	COMMERCIAL, AGE 50, 15000 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT BAKERSFIELD.CA TYPE OF ACCIDENT COLLISION WITH		NTENDED DESTINATION CARMEL VALLEY,CA CONTROLLED				F OPERATION IGHT OTHER		
	PROBABLE CAUSE(S PILOT IN COMMA FACTOR(S) WEATHER - OBST TERRAIN - OTHE MISSING AIRCRAFT	OR PLAN	N ING						
	SKY CONDITION OBSCURATION VISIBILITY AT AC UNKNOWN/NOT RE OBSTRUCTIONS TO SMOKE	CEILING AT ACCIDENT SITE UNKNOWN/NOT REPORTED PRECIPITATION AT ACCIDENT SITE NONE TYPE OF WEATHER CONDITIONS IFR							
	TYPE OF FLIGHT P NONE FIRE AFTER IMPAC REMARKS- DARK NI	OW OBSTR	JC T I	vg '	TERRAIN.HIT 60DEG SLO	DPE•RE	COVERED 9/9/77•		

DATE			INJU F	S	I/N	FLIGHT PURPOSE	PILOT DATA				
 	PALMS,CA	PIPER PA-28		1	0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 32, 207				
		INTENDED DESTINATION SANTA ANA,CA				IROUTE STOP SPRINGS•CA					
TYPE OF ACCIDE			PHASE OF OPERATION								
COLLIDED WITH WIRES/POLES LANDING FINAL APPROACH											
PROBABLE CAUSE(S)											
PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING											
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - BECAME LOST/DISORIENTED											
FACTOR(S)											
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING MISCELLANEOUS ACTS. CONDITIONS - MISCALCULATED FUEL CONSUMPTION TERRAIN - HIGH OBSTRUCTIONS WEATHER - RAIN WEATHER - FOG											
WEATHER BRIEFING - PARTIAL BRIEFING BY FLIGHT SERVICE PERSONNEL, BY PHONE/RADIO, LIMITED BY PILOT ACTION EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT LOW ON FUEL											
		ADVERSE/UNFAVORABLE WEAT	HER								
SKY CONDITION SCATTERED					. I NG	AT ACCIDENT SITE					
VISIBILITY AT .  1 MILE OR LE		TE .			IPI IN	TATION AT ACCIDENT SITE					
OBSTRUCTIONS TO	O VISION AT	ACCIDENT SITE		TYPE		WEATHER CONDITIONS					
TYPE OF FLIGHT VFR	PLAN			-							
REMARKS- OVERF	LEW SUITABLE	ARPTS.									

-ILE	DATE LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
-3452	8/22/77 CATALINA IS.C TIME - 2106	A BEECH E18S N9795B DAMAGE-DESTROYED	CR- 2 0 0 C PX- 0 0 0 A		COMMERCIAL, FL.INSTR., AGE 37, 2460 TOTAL HOURS, UNK/NR IN TYPE, INSTRU- MENT RATED.
	NAME OF AIRPORT - CATALI				
	DEPARTURE POINT	INTENDED DESTINATION			
	TYPE OF ACCIDENT	LONG BEACH+CA	DUASE OF	OPERATION	
	COLLISION WITH GROUND/	WATER UNCONTROLLED		INITIAL CLIMB	
	MISCELLANEOUS ACTS, CON FACTOR(S) WEATHER - FOG	N.HEATING AND PRESSURIZAT DITIONS - FATIGUE FRACTUR CORD OF BRIEFING RECEIVED	E		
	SKY CONDITION OBSCURATION			T ACCIDENT SITE	
	VISIBILITY AT ACCIDENT S UNKNOWN/NOT REPORTED	ITE	PRECIPITA NONE	TION AT ACCIDENT SITE	i.
	OBSTRUCTIONS TO VISION A	T ACCIDENT SITE	TYPE OF W	EATHER CONDITIONS	
	FOG		BELLIM W		

			BRIEF	S OF	CCI	OEN	TS					
FILE	DATE	LOCATION	AIRCRAFT DATA	I۱				FLIGHT PURPOSE	PILOT DATA			
3-3352	TIME - 09 DEPARTURE	POINT	N4874U DAMAGE-DESTROYED INTENDED DESTINATION					NONCOMMERCIAL PLEASURE/PERSONAL TRANS	PRIVATE, AGE 52, 160 SP TOTAL HOURS, 8 IN TYPE, NOT INSTRUMENT RATED.			
	SOUTH LAKE TAHOE, CA SANTA BARBARA, CA  TYPE OF ACCIDENT PHASE OF OPERATION  COLLIDED WITH TREES IN FLIGHT CLIMB TO CRUISE											
	PILOT I MISCELL FACTOR(S) WEATHER	N COMMAND - IMPRO N COMMAND - LACK ANEOUS. ACTS. CONDI		CRAFT		IING						
	SKY CONDI BROKEN	SKY CONDITION					ING	AT ACCIDENT SITE				
	VISIBILIT 5 OR OV		F		IPI	TATION AT ACCIDENT SITE						
	OBSTRUCT I NONE		1									
	WIND DIRE	WIND DIRECTION-DEGREES						LOCITY-KNOTS				
	TYPE OF W				13 TYPE NO	OF NE						
	REMARKS-	PILOT MADE STRAIG	SHT OUT DEPARTURE CLIMB	INTO F	RISI	ING	TER	RAIN.DENS ALT ABT 10000	FI.			

FILE	DATE	LOCATION	AIRCRAFT DATA					FLIGHT PURPOSE		PILOT DATA
-2727	TIME - 213	30	BELLANCA 17-30 N4889V DAMAGE-DESTROYED INTENDED DESTINATION							PRIVATE, AGE 41, 160 TOTAL HOURS, 90 IN TYPE, NOT INSTRUMENT RATED.
	LAS VEGA	S.NV	EL MONTE, CA					_		
	TYPE OF AC				. Ь			PERATION		
	COLLISIO	ON WITH GROUND/WATE	ER CONTROLLED			IN F	LIGHI	T DESCENDING		
	PILOT IN FACTOR(S) TERRAIN WEATHER WEATHER WEATHER BR WEATHER FO	COMMAND - CONTINU COMMAND - MISJUDG - HIGH OBSTRUCTION - LOW CEILING - OBSTRUCTIONS TO	VISION OF BRIEFING RECEIVED NOT REPORTED	/ERSE	WE A	THER	CONDI	TIONS		
	SKY CONDIT		Ç	EILIN 2200		ACCIDENT SITE				
	VISIBILITY 5 OR OVE		Р		ITATI	ON AT ACCIDENT	SITE			
	OBSTRUCTIO	OBSTRUCTIONS TO VISION AT ACCIDENT SITE						TION-DEGREES		
		WIND VELOCITY-KNOTS						ATHER CONDITIONS	5	
	TYPE OF FL	IGHT PLAN								
		CFT IN LDG CONFIGU	ID A T T ON							

			AIRCRAFT DATA			FLIG N PUR		PILOT DATA
3-3067	8/31/77 NR. TIME - 0750	· CORONA, CA	PIPER PA-32 N3422W DAMAGE-DESTROYED NTENDED DESTINATION PAUMA VALLY,CA	CR- 1 PX- 3	0	O NONCOMP O PLEASUR	MERCIAL EE/PERSONAL TRAN	PRIVATE, AGE 49, 950 SP TOTAL HOURS, 7 IN TYPE, NOT INSTRUMENT RATED.
	TYPE OF ACC					OF OPERAT		
	FACTOR(S) ₩EATHER -	COMMAND - CONTINUE	D VFR FLIGHT INTO AD	/ERSE WEA	THER	CONDITION	ıs	
	SKY CONDITION OVERCAST	ON AT ACCIDENT SITE			220		DENT SITE	
	5 OR OVER	(UNLIMITED) S TO VISION AT ACC	IDENT SITE		NON	E DIRECTION-		
	WIND VELOCI  6  TYPE OF FLIC  NONE  FIRE AFTER	GHT PLAN				OF WEATHER	CONDITIONS	
	REMARKS- TO	P OF OVERCAST 2500	FT.HIT MTN 2700FT MS	-•				
3-3957	9/17/77 NR TIME - 0007	.SODA SPRINGS,CA	CESSNA 177 N30748	CR- 1				PRIVATE, AGE 32, 69 TOTAL SP HOURS, 9 IN TYPE, NOT INSTRUMENT RATED.
3-3957	9/17/77 NR TIME - 0007 DEPARTURE PO SAN DIEGO TYPE OF ACC	SODA SPRINGS,CA DINT I CA IDENT	CESSNA 177 N30748	CR- 1 PX- 1	O PHASE	O PLEASUR	E/PERSONAL TRAN	SP HOURS, 9 IN TYPE, NOT INSTRUMENT RATED.
3-3957	9/17/77 NR TIME - 0007 DEPARTURE PO SAN DIEGO TYPE OF ACC. COLLISION PROBABLE CAL PILOT IN (	SODA SPRINGS,CA  DINT I ,CA IDENT WITH GROUND/WATER  USE(S) COMMAND - CONTINUE COMMAND - SPATIAL	CESSNA 177 N30748 DAMAGE-DESTROYED NTENDED DESTINATION RENO,NV UNCONTROLLED D VFR FLIGHT INTO AD	CR- 1 PX- 1	O PHASE IN	O PLEASUR OF OPERAT	EE/PERSONAL TRAN IION ICONTROLLED DESC	SP HOURS, 9 IN TYPE, NOT INSTRUMENT RATED.

		AIRCRAFT DATA	F	S'M/N	PURPOSE		PILOT DATA			
10/22/77 TIME - 235	EL CAJON,CA 2	DAMAGE-DESTROYED	CR- 1	0 0	NONCOMMERCIAL					
DEPARTURE EL CAJON TYPE OF AC		INTENDED DESTINATION RETURN		TORRA PHASE O IN FL	ROUTE STOP NCE∔CA JF OPERATION IGHT NORMAL CRUISE NG FINAL APPROACH					
PILOT IN PILOT IN PILOT IN MISCELLAN PILOT IN FACTOR(S) PILOT IN WEATHER WEATHER COMPLETE PR WEATHER BR WEATHER FOR	COMMAND - INADEC COMMAND - IMPROF COMMAND - MISMAN NEOUS ACTS.CONDIT COMMAND - FAILED COMMAND - FAILED LOW CEILING FOG DER LOSS - COMPL REFING - BRIEFED RECAST - FORECAST	DUATE PREFLIGHT PREPARA' PER IN-FLIGHT DECISIONS PAGEMENT OF FUEL TONS - FUEL EXHAUSTION TO OBTAIN/MAINTAIN FL' TO FOLLOW APPROVED PRO ETE ENGINE FAILURE/FLAM BY FLIGHT SERVICE PERSO TO SUBSTANTIALLY CORRECT ORCED LANDING OFF AIRPO	OR PLAN YING SPE DCEDURES MEOUT-1 DNNEL, E	ED DIRECT ENGINE Y RADIO	IVES•ETC.					
SKY CONDITION  OVERCAST  VISIBILITY AT ACCIDENT SITE  4 MILES OR LESS  OBSTRUCTIONS TO VISION AT ACCIDENT SITE  FOG  TYPE OF FLIGHT PLAN NONE  CEILING AT ACCIDENT SITE  PRECIPITATION AT ACCIDENT SITE  NONE  TYPE OF FLIGHT PLAN NONE										

FILE	DATE	LOCATION	AIRCRAFT DATA	INJ	JRIES S M	5 1/N	FLIGHT PURPOSE		PILOT DATA
3 <b>-</b> 3746	11/4/77 TIME - 1 DEPARTUR	NR.WILLITS.CA 450 E POINT	CESSNA 172K N7330G DAMAGE-DESTROYED INTENDED DESTINATION EUREKA,CA	CR- PX-	1 0	0 0	NONCOMMERCIAL PLEASURE/PERSONAL	TRANSP	PRIVATE, AGE 24, 228 TOTAL HOURS, 35 IN TYPE, NOT INSTRUMENT RATED.
	TYPE OF	ACCIDENT	R UNCONTROLLED		PHAS	E O	OPERATION GHT UNCONTROLLED	DESCENT	
	PILOT PILOT FACTOR(S PILOT	IN COMMAND - SPATIAL ) IN COMMAND - INADEQU	ED VFR FLIGHT INTO AD DISORIENTATION ATE PREFLIGHT PREPARA						
	WEATHER WEATHER	R — LOW CEILING R — RAIN BRIEFING — NO RECORD AIRCRAFT — LATER REC	OF BRIEFING RECEIVED DVERED						
	SKY COND OVERCA VISIBILI				0		AT ACCIDENT SITE	SITE	
	OBSTRUCT UNKNOW TYPE OF NONE	LE OR LESS IONS TO VISION AT AC N/NOT REPORTED FLIGHT PLAN RECOVERY DATE 11/7/					WEATHER CONDITIONS	;	
3-3661	11/21/77 TIME - 0	NR.WILLOWS,CA 030	BEECH E35 N3274C DAMAGE-DESTROYED	CR- PX-	l 0	0	NONCOMMERCIAL PLEASURE/PERSONAL	TRANSP	STUDENT, AGE 24, 165 TOTAL HOURS, 110 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTUR WILLOWS	AIRPORT - WILLOWS-GL E POINT •CA ACCIDENT			PHAS	SE OI	- OPERATION		NOT INSTRUMENT NATED
	COLLIS  PROBABLE  PILOT  PILOT  FACTOR(S  WEATHE	ION WITH GROUND/WATE  CAUSE(S) IN COMMAND - CONTINU IN COMMAND - SPATIAL ) R - RAIN	ED VFR FLIGHT INTO AD	VERSE WI	I	N FL	IGHT UNCONTROLLED	DESCENT	
	UNKNOW OBSTRUCT UNKNOW	= =	CIDENT SITE		PREC R/ TYPI	IKNO CIPI AIN, E OF ER	AT ACCIDENT SITE N/NOT REPORTED TATION AT ACCIDENT SNOW WEATHER CONDITIONS		

BRIEFS OF ACCIDENTS

ILE	DATE LOCATION		AIRCRAFT DATA	INJURIES FLIGHT F S M/N PURPOSE					PILOT DATA	
					F	S M/	N 	PURPOSE		
3966	12/14/77 NR.CAT. TIME - 1345 DEPARTURE POINT TORRANCE,CA	IN	BELLANCA 7ECA N5233X DAMAGE-DESTROYED TENDED DESTINATION LOCAL		0	0	0	COMMERCIAL FISH SPOTTING	STUDENT, AGE 23, 750 TOTAL HOURS, ALL IN TYPE NOT INSTRUMENT RATED.	
	UNDETERMINED	l			P			F OPERATION ¥N/NOT REPORTED		
	FACTOR(S) WEATHER - OBS' MISCELLANEOUS	- UNDETERMINED TRUCTIONS TO VI ACTS.CONDITION G - NO RECORD O	SION IS - AIRCRAFT CAME TO IF BRIEFING RECEIVED	) RES	ΓIN	WAT	ER			
	SKY CONDITION UNKNOWN/NOT REVISIBILITY AT AC			UNK RECI	ΝΟ. NO.	AT ACCIDENT SITE N/NOT REPORTED FATION AT ACCIDENT SITE				
	OBSTRUCTIONS TO HAZE TYPE OF FLIGHT	VISION AT ACCI	DENT SITE		T	NON YPE IFR	ŌF	WEATHER CONDITIONS		
	NONE REMARKS- IDENTIF	FIABLE AUX FUĖL	TANK LOCATED 12/16/	/77. N	10 F	UR TH	ER	WRECKAGE OR PLTS BODY RE	COVERED.	

FILE			AIRCRAFT DATA	F	S 1	1/N	PURPOSE	PILOT	
		VAN NUYS,CA	PIPER PA-30 N922JS DAMAGE-SUBSTANTIAL	CR-	0	0	NONCOMMERCIAL PLEASURE/PERSONAL TRAN		66, 3000 800 IN TYPE
	DEPARTURE OF ACC	Z CIDENT AILURE OR MALFUNC	·INTENDED DESTINATION VAN NUYS,CA		IN	FL	F OPERATION IGHT DESCENDING IGHT DESCENDING		
	MISCELLAN PILOT IN FACTOR(S) PILOT IN WEATHER - WEATHER - COMPLETE PO WEATHER BRI WEATHER FOR	COMMAND - MISMAN NEOUS ACTS-CONDIT COMMAND - FAILED COMMAND - IMPROP - LOW CEILING - RAIN DWER LOSS - COMPL LEFING - BRIEFED RECAST - FORECAST	IONS - FUEL STARVATION TO OBTAIN/MAINTAIN FLY	EOUT-1 NNEL,	ENG:		N		
	1 MILE OF OBSTRUCTION NONE WIND DIRECT 140	AT ACCIDENT SITE R LESS NS TO VISION AT A			PREC RA TEMF 54 WING	IPI IN ERA	AT ACCIDENT SITE  TATION AT ACCIDENT SITE SHOWERS TURE-F  LOCITY-KNOTS		
	IFR	ATHER CONDITIONS  AN MAINS DRY.AUX	TANKS FULL.FLEW 7 MINUT	ES AFT	-IF	R	FLIGHT PLAN  APCH WITHOUT REPORTING		

	DATE LOCATI	ON AIRCRAFT DATA	_	F	S	/N	FLIGHT PURPOSE		PILOT DATA		
-4053		CESSNA 172M	CR-	1	0	0	NONCOMMER CI AL		PRIVATE, AGE 47, 181 TOTAL HOURS, 40 IN TYPE, NOT INSTRUMENT RATED.		
	NAME OF AIRPORT - HAI DEPARTURE POINT ORLAND.CA	GH FIELD INTENDED DESTINATION LOCAL									
	TYPE OF ACCIDENT COLLISION WITH GROU	ND/WATER UNCONTROLLED					F OPERATION NG FINAL APPROACH				
	PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS  PILOT IN COMMAND - SPATIAL DISORIENTATION  FACTOR(S)  WEATHER - LOW CEILING  WEATHER - OBSTRUCTIONS TO VISION  MISCELLANEOUS ACTS, CONDITIONS - WINDSHIELD, DIRTY, FOGGY, ETC RESTRICTED VISION  WEATHER BRIEFING - PARTIAL BRIEFING BY WEATHER BUREAU PERSONNEL, BY PHONE, LIMITED BY PILOT ACTION										
				_		TNC	AT ACCIDENT CITE				
	SKY CONDITION OVERCAST			·			AT ACCIDENT SITE				
		T SITE			UN PREC	KNO	NN/NOT REPORTED TATION AT ACCIDENT	SITE			
	OVERCAST VISIBILITY AT ACCIDEN			P	UN PREC	KNO IPI IZZ ERA	NN/NOT REPORTED TATION AT ACCIDENT	SITE			

FILE	_		AIRCRAFT DATA	_	F.	S M/	N PU			PILOT DATA
			GRUM AMER AA-5B N74787 DAMAGE-DESTROYED	CR-	1	0.	o NONCO	MMERCIAL		PRIVATE, AGE 31, 250 TOTAL HOURS, 25 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT BANNING • CA		TENDED DESTINATION BERMUDA DUNES.CA							•
	TYPE OF ACCIDENT		BERMODA DONES+CA		PI	HASE	OF OPER	ATION		
	COLLISION WITH	GROUND/WATER	CONTROLLED					NORMAL CRUISE		
	FACTOR(S) MISCELLANEOUS A WEATHER - LOW O WEATHER - RAIN									
	SKY CONDITION				C			CIDENT SITE		
	OVERCAST/LOWER VISIBILITY AT ACC ZERO		UNKNOWN/NOT REPORTED PRECIPITATION AT ACCIDENT SITE RAIN							
	OBSTRUCTIONS TO V	OBSTRUCTIONS TO VISION AT ACCIDENT SITE								
	WIND DIRECTION-DE	GREES			W	IND 5	VELOÇI TY	-KNOTS		
	TYPE OF WEATHER O	CONDITIONS			T	YPE NON	OF FLIGH	T PLAN		
	REMARKS- NON-INST	RUMENT RATED	PILOT DESCENDED OUT	OF VF	R C	DNDI	TIONS IN	TO WX.		

FILE	DATE	LOCATION			F	S M	/N	FLIGHT PURPOSE	PILOT DATA
	12/27/77 NR.EL TIME - 1730		CESSNA 182A	CR-	1	0	0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 56, 360
	PRESCOTT + AZ		NTENDED DESTINATION SAN DIEGD.CA						•
	TYPE OF ACCIDE		SAN DIEGO+CA		п	OLI A C	_ ^	F OPERATION	
	COLLISION WI								
	WEATHER - LO TERRAIN - HI WEATHER BRIEFI WEATHER FORECA	W CEILING GH OBSTRUCTIONS NG - BRIEFED BY	FLIGHT SERVICE PERS UBSTANTIALLY CORRECT	ONNE L,			_		
	SKY CONDITION				€			AT ACCIDENT SITE	
	PARTIAL OBSC VISIBILITY AT 1 MILE OR LE	ACCIDENT SITE			P	30 REC NO	ΙΡΙ	TATION AT ACCIDENT SITE	
		O VISION AT ACC	IDENT SITE		W		DI	RECTION-DEGREES	
	WIND VELOCITY-	KNOTS			7		OF	WEATHER CONDITIONS	
	10 TYPE OF FLIGHT VFR	PLAN				11	•		
		AID VFR FLT NOT	RECOMMENDED. FLEW I	NTO MT	٧.	REC	OVE	RY DATE 12/29/77.	

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S N			PILOT DATA				
3-0233	1/3/77 NR. TIME - 1817	PAGOSA SPRINGS CO	CESSNA 182 N86292 DAMAGE-DESTROYED			NONCOMMERCIAL BUSINESS	STUDENT, AGE 56, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.				
	DEPARTURE POINT INTENDED DESTINATION LAST ENROUTE STOP DURANGO CO SANTE FE NM UNKNOWN/NOT REPORTED TYPE OF ACCIDENT PHASE OF OPERATION STALL SPIN IN FLIGHT OTHER										
	PILOT IN C PILOT IN C FACTOR(S) WEATHER - WEATHER BRIE	OMMAND - IMPROPER OMMAND - EXERCISE ICING CONDITIONS-CONDUCTIONS CONDUCTIONS - NO RECORD	O OBTAIN/MAINTAIN FL IN-FLIGHT DECISIONS D POOR JUDGMENT INCLUDES SLEET,FREEZ IVE TO CARB./INDUCTI OF BRIEFING RECEIVED UBSTANTIALLY CORRECT	OR PLANNING	:•						
	SKY CONDITIO			UN	IKNO	AT ACCIDENT SITE WN/NOT REPORTED					
	VISIBILITY A	T ACCIDENT SITE				TATION AT ACCIDENT SITE SHOWERS					
		TO VISION AT ACC	IDENT SITE		OF	WEATHER CONDITIONS					
	TYPE OF FLIG	HT PLAN									
	FIRE AFTER I		IRCRAFT CIRCLING IN								

FILE	DATE	LOCATION	AIRCRAFT DATA					FLIGHT PURPOSE	PILOT DATA
-2011	TIME - 0858		CESSNA 182B N2454G DAMAGE-DESTROYED INTENDED DESTINATION	CR- PX-	_	-	-	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 40, 467 TOTAL HOURS, 61 IN TYPE, NOT INSTRUMENT RATED.
	CLAYTON.		ALAMOSA + CO						
	TYPE OF ACC	CIDENT			PH	ASE	O F	OPERATION	
	COLLISIO	N WITH GROUND/WATE	R CONTROLLED			IN	FL]	GHT NORMAL CRUISE	
	WEATHER BR	- DOWNDRAFT,UPDRAF IEFING - NO RECORD RCRAFT - LATER REC	OF BRIEFING RECEIVED						
	SKY CONDIT	ION NOT REPORTED					-	AT ACCIDENT SITE	
	VISIBILITY AT ACC							ATION AT ACCIDENT SITE N/NOT REPORTED	
		NS TO VISION AT AC	CIDENT SITE						
	UNKNOWN/N TYPE OF FL	NOT REPORTED IGHT PLAN				VFR			

FILE	DATE	LOCATION	AIRCRAFT DATA	F		S M	N		i 	PILOT DATA
		R.ENGLEWOOD.CO	PIPER PA-22	CR-	1	0	0 1	NONCOMMERCIAL		PRIVATE, AGE 43, 800 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE F ENGLEWOOD TYPE OF ACC	RPORT ARAPAHOE POINT JCO LIDENT WITH WIRES/POLE	INTENDED DESTINATION LOS ALAMOS,NM		PI		-	OPERATION GHT CLIMB TO CRI	JI SE	
	PILOT IN FACTOR(S) PERSONNE	COMMAND - MISJUD	JATE PREFLIGHT PREPARA SED DISTANCE, SPEED, AND ERVICING, INSPECTION I	ALTITU	ΙDĖ				TION	
	WEATHER BR	IEFING - BRIEFED	TITUDE BY FLIGHT SERVICE PERS SUBSTANTIALLY CORRECT	DNNEL,	ВΥ	PHO	NE			
	WEATHER BR	IEFING - BRIEFED RECAST - FORECAST	BY FLIGHT SERVICE PERS	ONNEL,	-		NG /	AT ACCIDENT SITE		
	WEATHER BR WEATHER FOR SKY CONDIT! BROKEN VISIBILITY 5 OR OVER	REFING - BRIEFED RECAST - FORECAST ON AT ACCIDENT SITE R(UNLIMITED)	BY FLIGHT SERVICE PERS SUBSTANTIALLY CORRECT	ONNEL.	CI	EILI 600 RECI	NG / O PIT/ E	TION AT ACCIDEN	Т ЅӀТЕ	
	WEATHER BR WEATHER FOR SKY CONDIT! BROKEN VISIBILITY 5 OR OVER	TEFING - BRIEFED RECAST - FORECAST ON AT ACCIDENT SITE	BY FLIGHT SERVICE PERS SUBSTANTIALLY CORRECT	ONNEL.	CI	EILI 600 RECI	NG / O PIT/ E		T SITE	
	WEATHER BR WEATHER FOR SKY CONDIT! BROKEN VISIBILITY 5 OR OVER OBSTRUCTION NONE	REFING - BRIEFED RECAST - FORECAST ON AT ACCIDENT SITE R(UNLIMITED)	BY FLIGHT SERVICE PERS SUBSTANTIALLY CORRECT	ONNEL.	CI PI	EILI 600 RECI NOM EMPE 86	NG A O PITA E RATI	TION AT ACCIDEN	T SITE	
	WEATHER BR. WEATHER FOR  SKY CONDITE BROKEN VISIBILITY 5 OR OVER OBSTRUCTION NONE WIND DIRECT	LEFING - BRIEFED RECAST - FORECAST ON  AT ACCIDENT SITE RUNLIMITED) NS TO VISION AT ACCIDENT AT ACCIDENT SITE RUNLIMITED AT ACCIDENT AT ACCIDENT AT ACCIDENT AT ACCIDENT AT ACCIDENT AC	BY FLIGHT SERVICE PERS SUBSTANTIALLY CORRECT	DNNEL,	CI PI TI W	EILI 600 RECI NOM EMPE 86 IND	NG A OPITA E RATI VEL(	ATION AT ACCIDEN	Γ SITE	

	DATE	LOCATION	AIRCRAFT DATA				PURPOSE	PILOT DATA				
-1599	6/26/77 NR. TIME - 0740		CESSNA 305A N5222G DAMAGE-DESTROYED INTENDED DESTINATION				MISCELLANEOUS SEARCH AND RESCUE	•				
	GUNNISON + CO LOCAL											
	TYPE OF ACCI	DENT			РНД	se o	F OPERATION					
	STALL SPIN IN FLIGHT OTHER											
	PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING MISCELLANEOUS ACTS.CONDITIONS - FLEW INTO BLIND CANYON PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED FACTOR(S) PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT WEATHER - HIGH DENSITY ALTITUDE											
				2NAI 1								
	WEATHER -	HIGH DENSITY		2001			AT ACCIDENT SITE					
	WEATHER - SKY CONDITIO CLEAR	HIGH DENSITY	ALTITUDE	2N-1	U	NLIM	ITED					
	WEATHER - SKY CONDITIO CLEAR VISIBILITY A	HIGH DENSITY IN ACCIDENT S	ALTITUDE		PRE	NL IM						
	WEATHER - SKY CONDITIO CLEAR VISIBILITY A 5 OR OVER(	HIGH DENSITY  AT ACCIDENT S UNLIMITED)	ALTITUDE		PRE N TYP	NL IM CIPI	ITED					

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/		PILOT DATA
3-3703	TIME - 1 DEPARTUR BROOMF	RE POINT TELD.CO ACCIDENT	BEECH D35 N444Y DAMAGE-DESTROYED INTENDED DESTINATION LANCASTER,CA	PX- 3 0  LAST  UNKN  PHASE	O NONCOMMERCIAL O PLEASURE/PERSONAL TR ENROUTE STOP OWN/NOT REPORTED OF OPERATION FLIGHT CLIMB TO CRUISE	ANSP TOTAL HOURS, 516 IN TYPE INSTRUMENT RATED.
	PILOT PILOT PILOT MISCEL FACTOR(S WEATHER	IN COMMAND - MISJUD IN COMMAND - FAILED LANEOUS ACTS, CONDIT OF - HIGH DENSITY AL BRIEFING - BRIEFED	ER IN-FLIGHT DECISIONS GED DISTANCE-SPEED-AND TO OBTAIN/MAINTAIN FL' IONS - FLEW INTO BLIND TITUDE BY FLIGHT SERVICE PERSI SUBSTANTIALLY CORRECT	ALTITUDE YING SPEED CANYON	NE	
	5 OR COBSTRUCT NONE WIND DIR	TTY AT ACCIDENT SITE DVER(UNLIMITED) TIONS TO VISION AT A RECTION—DEGREES	CCIDENT SITE	UNL PRECI NON TEMPE 55 WIND 8	RATURE-F VELOCITY-KNOTS OF FLIGHT PLAN	TE

FILE			AIRCRAFT DATA	IN	JUI F	RIES S M	/N	FLIGHT PURPOSE	PILOT DATA
3-2885	7/25/77	GARFIELD,CO	CESSNA 152 N1907C DAMAGE-DESTROYED					MISCELLANEOUS FERRY	
	DEPARTURE WICHITA TYPE OF AC STALL S	KS CIDENT	INTENDED DESTINATION GUNNISON,CO			PU Phas	EBLO E O	ROUTE STOP D.CO = OPERATION [GHT OTHER	· ·
	PILOT IN PILOT IN FACTOR(S) WEATHER	COMMAND - INADE COMMAND - IMPRO COMMAND - FAILE - HIGH DENSITY A	QUATE PREFLIGHT PREPARA PER IN-FLIGHT DECISIONS D TO OBTAIN/MAINTAIN FL' LTITUDE BY WEATHER BUREAU PERSO	OR PL YING S	ANI PEI	N I N G E D		NNING	
	SKY CONDIT	ION;			(	CEIL	I NG	AT ACCIDENT SITE	
	5 OR OVE	AT ACCIDENT SIT R(UNLIMITED) NS TO VISION AT				NO	NE IPI	TATION AT ACCIDENT SITE	:
	NONE TYPE OF WE VFR FIRE AFTER	ATHER CONDITIONS			•	54 TYPE NO	OF	FLIGHT PLAN	
			G TERRAIN.DENS ALT 13800	OFT.					
	TIME - 183		MAULE M4 N4132C DAMAGF-DESTROYED	CR- PX-				NONCOMMERCIAL PLEASURE/PERSONAL TRAM	COMMERCIAL, AGE 23, 487 USP TOTAL HOURS, 195 IN TYPE NOT INSTRUMENT RATED.
	DEPARTURE BROOMFIE TYPE OF AC STALL M	CIDENT	INTENDED DESTINATION UNKNOWN/NOT REPORTED			UNK PHAS	NOWI E OI	ROUTE STOP N/NOT REPORTED FOPERATION IGHT CLIMB TO CRUISE	
	PILOT IN PILOT IN FACTOR(S) WEATHER WEATHER BR	COMMAND - FAILE COMMAND - MISJU COMMAND - FAILE - HIGH DENSITY A IEFING - BRIEFED	D TO FOLLOW APPROVED PRODUCED DISTANCE, SPEED, AND D TO OBTAIN/MAINTAIN FL' LTITUDE BY FLIGHT SERVICE PERSO T SUBSTANTIALLY CORRECT	ALTIT	UDI PE 6	E ED		VES, ETC.	
			1 3063 IANTIALLY CORRECT		,	^ F T I	TAIC	AT ACCIDENT SITE	
		IUN AT ACCIDENT SIT R(UNLIMITED)	E			UN	LIM IPI	AT ACCIDENT SITE ITED TATION AT ACCIDENT SITE	<b>:</b>
		NS TO VISION AT	ACCIDENT SITE				ER A	ΓUR E−F	
		ATHER CONDITIONS				TYP E NO		FLIGHT PLAN	

DATE			INJURIES FLIGHT					
	LOCATION	AIRCRAFT DATA					PURPOSE	PILOT DATA
		CESSNA U206 N1452M DAMAGE-DESTROYED						COMMERCIAL, AGE 53, 957 TOTAL HOURS, 310 IN TYPE INSTRUMENT RATED.
DEPARTURE	POINT	INTENDED DESTINATION						
		300 TE2 7 3 3						
PILOT I PILOT I PILOT I FACTOR(S) WEATHER WEATHER B	N COMMAND - IMPROP N COMMAND - MISJUD N COMMAND - FAILED - DOWNDRAFT, UPDRA RIEFING - BRIEFED	GED DISTANCE,SPEED,AND TO OBTAIN/MAINTAIN FL FTS BY FLIGHT SERVICE PERS	ALTIT YING S	UDE PEEC BY	)	٧E		
SCATTER	.ED				UN L	MITE	D	
5 OR OV	'ER (UNLIMITED)				NON	•		TE
NONE	,	CCIDENT SITE			53		-	
260					45			
TYPE OF W	EATHER CONDITIONS					OF FL	IGHT PLAN	
	TIME - 07  NAME OF A DEPARTURE SALIDA C TYPE OF A STAL  PROBABLE PILOT I PILOT I PILOT I FACTOR'(S) WEATHER WEATHER WEATHER F SKY CONDI SCATTER VISIBILIT 5 OR OV DBSTRUCTI NONE WIND DIRE 260 TYPE OF W	DEPARTURE POINT SALIDA.CO TYPE OF ACCIDENT STALL  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPE PILOT IN COMMAND - MISJUDG PLOT IN COMMAND - FAILED FACTOR(S) WEATHER - DOWNDRAFT.UPDRAM WEATHER BRIEFING - BRIEFED MEATHER FORECAST - WEATHER SCATTERED VISIBILITY AT ACCIDENT SITE 5 OR OVER (UNLIMITED) DBSTRUCTIONS TO VISION AT AN NONE WIND DIRECTION-DEGREES 260 TYPE OF WEATHER CONDITIONS	NAME OF AIRPORT - HARRIET ALEXANDER DEPARTURE POINT INTENDED DESTINATION SALIDA,CO CORTEZ,CO  TYPE OF ACCIDENT STALL  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS PILOT IN COMMAND - MISJUDGED DISTANCE,SPEED,AND PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FL FACTOR(S) WEATHER - DOWNDRAFT,UPDRAFTS WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERS WEATHER FORECAST - WEATHER SLIGHTLY BETTER THAN F SCATTERED VISIBILITY AT ACCIDENT SITE 5 OR OVER (UNLIMITED) OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE WIND DIRECTION-DEGREES 260 TYPE OF WEATHER CONDITIONS	9/23/77 NR.SALIDA,CO CESSNA U206 CR- TIME - 0725 NAMAGE-DESTROYED  NAME OF AIRPORT - HARRIET ALEXANDER  DEPARTURE POINT INTENDED DESTINATION  SALIDA,CO CORTEZ,CO  TYPE OF ACCIDENT  STALL  PROBABLE CAUSE(S)  PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PL  PILOT IN COMMAND - MISJUDGED DISTANCE,SPEED,AND ALTIT  PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING S FACTOR(S)  WEATHER - DOWNDRAFT,UPDRAFTS  WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL,  WEATHER FORECAST - WEATHER SLIGHTLY BETTER THAN FORECAS  SKY CONDITION  SCATTERED  VISIBILITY AT ACCIDENT SITE  5 OR OVER (UNLIMITED)  DOBSTRUCTIONS TO VISION AT ACCIDENT SITE  NONE  WIND DIRECTION-DEGREES  260  TYPE OF WEATHER CONDITIONS	9/23/77 NR.SALIDA,CO CESSNA U206 CR- 1 TIME - 0725 N1452M PX- 5  DAMAGE-DESTROYED  NAME OF AIRPORT - HARRIET ALEXANDER  DEPARTURE POINT INTENDED DESTINATION  SALIDA,CO CORTEZ,CO  TYPE OF ACCIDENT  STALL  PROBABLE CAUSE(S)  PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNI PILOT IN COMMAND - MISJUDGED DISTANCE,SPEED,AND ALTITUDE PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED FACTOR(S)  WEATHER - DOWNDRAFT,UPDRAFTS  WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY WEATHER FORECAST - WEATHER SLIGHTLY BETTER THAN FORECAST  SKY CONDITION  SCATTERED VISIBILITY AT ACCIDENT SITE  5 OR OVER (UNLIMITED) DOSTRUCTIONS TO VISION AT ACCIDENT SITE  TENONE WIND DIRECTION-DEGREES 2260 TYPE OF WEATHER CONDITIONS	9/23/77 NR.SALIDA,CO CESSNA U206 CR- 1 0 C TIME - 0725 N1452M PX- 5 0 C DAMAGE-DESTROYED  NAME OF AIRPORT - HARRIET ALEXANDER  DEPARTURE POINT INTENDED DESTINATION  SALIDA,CO CORTEZ,CO  TYPE OF ACCIDENT PHASE  STALL PROBABLE CAUSE(S)  PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING PILOT IN COMMAND - MISJUDGED DISTANCE,SPEED,AND ALTITUDE PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED FACTOR(S)  WEATHER - DOWNDRAFT,UPDRAFTS WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - WEATHER SLIGHTLY BETTER THAN FORECAST  SKY CONDITION SCATTERED VISIBILITY AT ACCIDENT SITE PRECTI 5 OR OVER (UNLIMITED) DOSTRUCTIONS TO VISION AT ACCIDENT SITE NONE WIND DIRECTION-DEGREES WIND Z60 TYPE OF WEATHER CONDITIONS TYPE OF WEATHER CONDITIONS	NIME - 0725  NI 452M DAMAGE-DESTROYED  NAME OF AIRPORT - HARRIET ALEXANDER DEPARTURE POINT SALIDA-CO TYPE OF ACCIDENT STALL  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING PILOT IN COMMAND - MISJUDGED DISTANCE, SPEED, AND ALTITUDE PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED FACTOR(S) WEATHER - DOWNDRAFT, UPDRAFTS WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - WEATHER SLIGHTLY BETTER THAN FORECAST  SKY CONDITION SCATTERED VISIBILITY AT ACCIDENT SITE PRECIPITAT SOR OVER (UNLIMITED) DOBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE WIND DIRECTION-DEGREES WIND DIRECTION-DEGREES WIND VELOC 260 TYPE OF WEATHER CONDITIONS TYPE OF FL	P/23/77 NR.SALIDA,CO CESSNA U206 CR- 1 0 0 COMMERCIAL TIME - 0725 N1452M PX- 5 0 0 AIR TAXI-PASSG DAMAGE-DESTROYED NAME OF AIRPORT - HARRIET ALEXANDER DEPARTURE POINT INTENDED DESTINATION SALIDA,CO CORTEZ,CO TYPE OF ACCIDENT STALL PHASE OF OPERATION IN FLIGHT CLIMB TO CRUISE PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING PILOT IN COMMAND - MISJUDGED DISTANCE,SPEED,AND ALTITUDE PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED FACTOR(S) WEATHER - DOWNDRAFT,UPDRAFTS WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - WEATHER SLIGHTLY BETTER THAN FORECAST  SKY CONDITION SCATTERED VISIBILITY AT ACCIDENT SITE SCATTERED VISIBILITY AT ACCIDENT SITE DOSTRUCTIONS TO VISION AT ACCIDENT SITE SOBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE WIND DIRECTION-DEGREES WIND VELOCITY-KNOTS 260 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN

 	AIRCRAFT DATA		F	S M/P	PURPOSE		PILOT DATA
	CESSNA 414	CR-	0	1 (	NONCOMMERCIAL		
	INTENDED DESTINATION						
ASPEN,CO	PUEBLO,CO						
TYPE OF ACCIDENT COLLIDED WITH FENCE.	CENCEDOSTS		P		OF OPERATION OFF INITIAL CLIMB		
	/WATER CONTROLLED				LIGHT CLIMB TO CRE		
MISCELLANEOUS ACTS.CC PILOT IN COMMAND - IM FACTOR(S) AIRPORTS/AIRWAYS/FACI WEATHER - ICING CONDI WEATHER - DOWNDRAFT.L WEATHER BRIEFING - BRIE	FED BY FLIGHT SERVICE PERS CAST SUBSTANTIALLY CORRECT	S SNO ING RA	W O	N RUI			
SKY CONDITION BROKEN				4000			
VISIBILITY AT ACCIDENT	SITE		P	RECI	ITATION AT ACCIDEN	T SITE	
5 OR OVER (UNLIMITED)							
	AT ACCIDENT SITE		1		ATURE-F		

FILE	DATE	LOCATION	AIRCRAFT DATA			FLIGHT PURPOSE	PILOT DATA
3-3040	8/31/77 TIME - 01	GREENWICH,CT	PIPER PA-28R N3960X DAMAGE-DESTROYED			NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 58, 5600 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
	NAME OF A	AIRPORT - WESTCHEST	TER CO				
	DEPARTURE	POINT	INTENDED DESTINATION				
	WHITE P	PLAINS.NY	CLIFFORD.PA				
	TYPE OF A	CCIDENT	·	PH	SE I	OF OPERATION	
	COLLIDE	D WITH TREES			N F	LIGHT OTHER	
	PROBABLE CAUSE(S) PILOT IN COMMAND - INITIATED F PILOT IN COMMAND - MISJUDGED C FACTOR(S) WEATHER - LOW CEILING WEATHER BRIEFING - NO RECORD OF WEATHER FORECAST - UNKNOWN/NOT R		OGED CLEARANCE  RD OF BRIEFING RECEIVED	COM	IDIT	IONS	
	SKY CONDI					G AT ACCIDENT SITE	
	OVERCAS				00		
		TY AT ACCIDENT SITE S OR LESS	<b>=</b>		ECIP IONE	ITATION AT ACCIDENT SITE	
		IONS TO VISION AT	ACCIDENT SITE			IRECTION-DEGREES	
	WIND VELO	OCITY-KNOTS				F WEATHER CONDITIONS W MINIMUMS	
	TYPE OF F	LIGHT PLAN					

FILE	DATE	LOCATION	AIRCRAFT DATA	F S M/N	PURPOSE	PILOT DATA			
3-3847	1/25/77 FT TIME - 1315	MYERS,FL			I NS TRUCTIONAL DUAL				
	PILOT IN CO FACTOR(S) MISCELLANEO	NT - FAILED TO MMMAND - INADEC	OBTAIN/MAINTAIN FLYING NUATE SUPERVISION OF FL IONS - SIMULATED CONDI ID CONDITIONS	IGHT					
	SKY CONDITION	ı			AT ACCIDENT SITE				
		ACCIDENT SITE		PRECIPI	UNLIMITED PRECIPITATION AT ACCIDENT SITE NONE TEMPERATURE-F 64				
		TO VISION AT	CCIDENT SITE	TEMPERA					
	WIND DIRECTION	N-DEGREES		WIND VE	LOCITY-KNOTS				
	TYPE OF WEATH	HER CONDITIONS		TYPE OF NONE	FLIGHT PLAN				
	FIRE AFTER IM		NG SIMULATED SINGLE FN	G APPROACH IN S	TEEP TURN CLOSE IN TO	RUNWAY.GUSTS TO 25KTS			

FILE	DATE		AIRCRAFT DATA	F	S M/N	PURPOSE	PILOT DATA
	2/20/77 TIME - 1912	TAMPA,FL	PIPER PA-28	CR- 1	1 0	NONCOMMERCIAL PRACTICE	
	DEPARTURE I ST PETERS TYPE OF ACC ENGINE FA	BURG.FL	INTENDED DESTINATION LOCAL CTION		IN F	OF OPERATION LIGHT CLIMB TO CRUIS ING LEVEL OFF/TOUCHO	
	MISCELLAM MISCELLAM POWERPLAM PILOT IN MISCELLAM FACTOR(S) COPILOT WEATHER COMPLETE PO	COMMAND - IMPRO NEOUS ACTS, CONDI NT - FUEL SYSTEM COMMAND - PHYSI NEOUS ACTS, CONDI - LACK OF FAMILI - CONDITIONS CON OWER LOSS - COMP	_	RMENT OF ON SYSTE	EFFIC M ICINENGINE	IMPROPER OPERATION OF  IENCY AND JUDGMENT  G	F/OR FAILED TO USE
	5 OR OVE	AT ACCIDENT SIT R(UNLIMITED) NS TO VISION AT E-F		·	UNLI PRECIP NONE RELATI LEFT LIND D 320	G AT ACCIDENT SITE MITED ITATION AT ACCIDENT S VE BEARING OF WIND CROSS WIND 248-292 D IRECTION-DEGREES F WEATHER CONDITIONS	

FILE	:		AIRCRAFT DATA	F	S M	/N	PURPOSE	PILOT DATA			
	3/7/77 FOR TIME - 2230		BEECH 35-C33 N5862S DAMAGE-DESTROYED	CR-	2 0	0 INS	TRUCTIONAL	COMMERCIAL, FL.ÎNSTR., AGE 63, 21572 TOTAL HOURS, 2700 IN TYPE, INSTRUMENT RATED.			
	DEPARTURE POINT INTENDED DESTINATION LAST ENROUTE STOP KANSAS CITY+KS FORT MYERS+FL BIRMINGHAM+AL TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER UNCONTROLLED IN FLIGHT UNCONTROLLED DESCENT										
	FACTOR(S) WEATHER - LO WEATHER - RA	IN			מע מע						
			BSTANTIALLY CORRECT	JNNEL,	חי זמ	ONE					
	WEATHER FORECA	ST - FORECAST SI	BSTANTIALLY CORRECT	JNNEL,		ING AT	ACCIDENT SITE				
	WEATHER FORECA MISSING AIRCRA SKY CONDITION OVERCAST VISIBILITY AT 5 OR OVER (UN	ST - FORECAST SU FT - LATER RECOV ACCIDENT SITE LIMITED)	BSTANTIALLY CORRECT ERED	JNNEL+	CEIL 90 PREC RA	ING AT O IPITATI IN	ON AT ACCIDENT SIT	rE .			
	WEATHER FORECA MISSING AIRCRA SKY CONDITION OVERCAST VISIBILITY AT 5 OR OVER (UN	ST - FORECAST SU FT - LATER RECOV ACCIDENT SITE LIMITED) O VISION AT ACCI	BSTANTIALLY CORRECT ERED	JNNEL+	CEIL 90 PREC RA TEMP 62	ING AT O IPITATI IN ERATURE	ON AT ACCIDENT SIT	r <b>E</b>			

FILE									PILOT DATA
3-0284	3/13/77 NR TIME - UNK/ DEPARTURE F DAYTONA B	ORMOND BEACH, FL	CESSNA 150F N8898G DAMAGE-DESTROYED NTENDED DESTINATION LOCAL	CR- : PX- (	0 0	0	NONCOMMERCIAL PLEASURE/PERSONAL	TRANSP	PRIVATE, AGE 28, 78 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
		TOLIN .	UNCONTROLLED				F OPERATION IGHT UNCONTROLLED	DESCENT	
	PILOT IN PILOT IN FACTOR(S)	COMMAND - CONTINUE COMMAND - SPATIAL	IN-FLIGHT DECISIONS				ONDITIONS		
	VISIBILITY 5 OR OVER	ON WER SCATTERED AT ACCIDENT SITE (UNLIMITED) IS TO VISION AT ACC	IDENT SITE		PREC NC	0000 IPI INE	AT ACCIDENT SITE  TATION AT ACCIDENT  TURE-F	SITE	
	210	ION-DEGREES			12	VE	LOCITY-KNOTS		
	UNKNOWN/N	OT REPORTED  B 1355 WX.FRONTAL	ACTIVITY IN AREA.			NE	TERMINE CAN		
3-1928	4/11/77 NF TIME - 1600	Ç.MIAMI.FL	BEECH A36 N2135L DAMAGE-DESTROYED	CR-	l 0 3 0	0	NONCOMMERCIAL PLEASURE/PERSONAL	TRANSP	PRIVATE, AGE 47, 244 TOTAL HOURS, 79 IN TYPE, INSTRUMENT RATED.
	DEPARTURE P DAYTONA E TYPE OF ACC	SEACH,FL	NTENDED DESTINATION MIAMI.FL		ΡΗΔ	E n	F OPERATION		INSTRUMENT KATED.
			UNCONTROLLED				NG INITIAL APPROA	СН	
	PILOT IN PILOT IN FACTOR(S)	COMMAND - ATTEMPTE COMMAND - IMPROPER COMMAND - SPATIAL	O OPERATION BEYOND E OPERATION OF FLIGHT DISORIENTATION LATED W/CLOUDS AND/O	CONTRO	LS				
	VISIBILITY	ON 'LOWER SCATTERED AT ACCIDENT SITE OT REPORTED			UI PREC	KNC IPI	AT ACCIDENT SITE WN/NOT REPORTED TATION AT ACCIDENT ERSTORM	SITE	
	NONE	S TO VISION AT ACC	IDENT SITE		76	oF	TURE-F FLIGHT PLAN		

FILE	DATE		AIRCRAFT DATA	F	S	M/N	PURPOSE	PILOT DATA
3-1769		IR.PALATKA,FL	BENSEN BM-8 N64613 DAMAGE-DESTROYED	CR- PX-	1 0	0	NONCOMMERCIAL PLEASURE/PERSONAL TRA	STUDENT, AGE 31, 73 TOTA INSP HOURS, 25 IN TYPE, NOT INSTRUMENT RATED.
		RPORT - KAY LARKIN POINT I L	NTENDED DESTINATION LOCAL					
	COLLISIO	CIDENT N WITH GROUND/WATER	UNCONTROLLED				OF OPERATION ING TRAFFIC PATTERN-CI	RCLING
	FACTOR(S)		OPERATION OF FLIGHT	CONTRO	LS			
	SKY CONDIT	ION			CEI	LIN	AT ACCIDENT SITE	
	CLEAR	AT ACCIDENT CITE					MITED	
		AT ACCIDENT SITE R(UNLIMITED)				ONE.	ITATION AT ACCIDENT SIT	'E
		NS TO VISION AT ACC	IDENT SITE				ATURE-F	
	NONE WIND DIREC	TION-DEGREES			B NIW		ELOCITY-KNOTS	
	120	_			1	1		
	TYPE OF WE	ATHER CONDITIONS				E OF	FLIGHT PLAN	
		USTS TO EST 25KTS.NO	NOWN INSTRUCTION	RECD IN			PTERS.M/R STRUCK TAILBO	OM IN DESCENT.
3-4101	TIME - 113	2	N6892S	CR- PX-	1 C	0	NONCOMMERCIAL PLEASURE/PERSONAL TRA	COMMERCIAL, AGE 64, 6405 NSP TOTAL HOURS, 1185 IN TYPE, INSTRUMENT RATED.
	DEPARTURE	POINT I	NTENDED DESTINATION					
	SAN JUAN TYPE OF AC UNDETERM	CIDENT	FT LAUDERDALE.FL				OF OPERATION DWN/NOT REPORTED	
		AUSE(S) NEOUS - UNDETERMINE	)					
	MISCELLA WEATHER BR	IEFING - BRIEFED BY	/ITY NS - AIRCRAFT CAME T WEATHER BUREAU PERS JBSTANTIALLY CORRECT	ONNEL,				
	SKY CONDIT	ION					G AT ACCIDENT SITE	
	VISIBILITY UNKNOWN/	AT ACCIDENT SITE			PRE	CIP: NKNO	ITATION AT ACCIDENT SIT	Ē
		NS TO VISION AT ACC NOT REPORTED	IDENI SITE		7		ATURE-F	
	TYPE OF WE	ATHER CONDITIONS			TYP		FLIGHT PLAN	
	REMARKS- C							

	BRIEF	S OF A	CCI	DEN	TS			
DATE LOCATION			F	SM	/ N	PURPOSE		PILOT DATA
9/16/77 LAUDERHILL.FL TIME - 2133		CR-	1	0	0	NONCOMMERCIAL		
FT LAUDERDALE, FL	INTENDED DESTINATION LOCAL							
TYPE OF ACCIDENT						F OPERATION		_
COLLISION WITH GROUND/	WATER UNCONTROLLED			ΙN	FL	IGHT UNCONTROLLED	DESCENT	
	DITIONS - STOLEN OR UNAUT CORD OF BRIEFING RECEIVED WN/NOT REPORTED		Dυ	SE	OF	AIRCRAFT		
SKY CONDITION SCATTERED			С			AT ACCIDENT SITE		
VISIBILITY AT ACCIDENT S 5 OR OVER (UNLIMITED)	ITE		Ρ	REC	ΙΡΙ	TATION AT ACCIDENT SHOWERS	SITE	
OBSTRUCTIONS TO VISION A	T ACCIDENT SITE		T		ĒRA	TURE-F		
WIND DIRECTION-DEGREES 100				6	-	LOCITY-KNOTS		
TYPE OF WEATHER CONDITION VFR			T	YPE NO		FLIGHT PLAN		
REMARKS- OBSERVED COMING	OUT THE BOTTOM OF RAINSH	OWER.						

			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				~		
FILE		LOCATION	AIRCRAFT DATA		F S	M/	N	PURPOSE	 PILOT DATA
	1.	·INVERNESS ·FL	CESSNA 150L N18732 DAMAGE-DESTROYED	CR-	1	0	0	NONCOMMERCIAL	PRIVATE, AGE 54, UNK/NF TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE PO INVERNESS + F TYPE OF ACCI	FL						= OPERATION FF INITIAL CLIMB	
	PILOT IN ( FACTOR(S) WEATHER - WEATHER -	COMMAND - INITIAT COMMAND - SPATIAL LOW CEILING FOG	ED FLIGHT IN ADVERSE DISORIENTATION Y FLIGHT SERVICE PERS					ons	
	VISIBILITY A 1/2 MILE O DBSTRUCTIONS FOG WIND VELOCIT CALM TYPE OF FLIC	BSCURATION AT ACCIDENT SITE DR LESS S TO VISION AT AC	CIDENT SITE		PR TE	UNK ECI NON MPE 60	PI PI RA	AT ACCIDENT SITE WN/NOT REPORTED TATION AT ACCIDENT TURE-F WEATHER CONDITION	
	VFR FIRE AFTER I REMARKS- FSS	IMPACT S ADZD VFR FLT NO	T RECOMMENDED.						

FILE	DATE	LOCATION	AIRCRAFT DATA	F	S	M/	'N	PURPOSE	PILOT DATA
3-4200	11/29/77 LA TIME - 1500	KEPORT, FL	PIPER PA-28 N5374W DAMAGE-DESTROYED					COMMERCIAL ASSOC CROP CTL ACTI	COMMERCIAL, AGE 58, 17000 VITY TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED
			TENDED DESTINATION						NATED.
	CLEWISTON,F	Ľ	OKEECHOBEE, FL						
	TYPE OF ACCID							F OPERATION	
	COLLISION W	ITH GROUND/WATER	UNCONTROLLED			ΙN	FL	IGHT UNCONTROLLED D	ESCENT
	PROBABLE CAUS	E(S)							
	PILOT IN CO	MMAND - CONTINUED	VFR FLIGHT INTO AD	VERSE W	EAT	MEF	C	ONDITIONS	
		MMAND - SPATIAL D	DISORIENTATION						
	FACTOR(S)								
		HUNDERSTORM ACTIV	/ITY						
	WEATHER - L			T. T. C. M. A. M.					
			TE PREFLIGHT PREPARA O OPERATION W/KNOWN						
			F BRIEFING RECEIVED		NCI		IN	EDOLPHENI	
			SIDERABLY WORSE THA		AST	ŗ			
	SKY CONDITION				CE	11.1	NG	AT ACCIDENT SITE	
	OBSCURATION					300			
		ACCIDENT SITE			PR	EC.	PΙ	TATION AT ACCIDENT S	I TE
	1/4 MILE OR	LESS				RAI	N,	THUNDERSTORM	
	OBSTRUCTIONS FOG	TO VISION AT ACCI	DENT SITE			PE IFF		WEATHER CONDITIONS	
	TYPE OF FLIGH	T PLAN				•	•		
	SPECIAL DATA								
	TOTAL HOURS	IN CROP CONTROL	- UNKNOWN/NOT REPOR	TED		KI	ND (	OF OPERATION - FERRY	
		T BELT - NOT FAST	TENED :			GLO	١VE	S - NOT USED	· · · · · · · · · · · · · · · · · · ·
	GOGGLES - N	OT USED .						IT CRASHPAD - NOT IN	
		NOT INSTALLED				TAN	IK/	HOPPER-LOCATION - AF	T OF PILOT
	.REMARKS- ALTI	METER AND AIRSPEE	D INDICATOR NOT HOO	KED UP.					

		BRIEF	S UF A	CCI	DEN	3			
DATE		AIRCRAFT DATA		F	S M/	N	PURPOSE		PILOT DATA
3/5/77 N TIME - UNK	NR.FARGO,GA (/NR		CR-	1	0	0 N	DNC OMMER CIAL		PRIVATE, AGE 37, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE SAVANNAH TYPE OF AC	H.GA	INTENDED DESTINATION FT LAUDERDALE,FL		Р			OPERATION HT UNCONTROLLED	DESCENT	ī
PILOT IN PILOT IN PILOT IN PILOT IN FACTOR(S) MISCELLA WEATHER WEATHER WEATHER	N COMMAND - CONTIN N COMMAND - SPATIA N COMMAND - EXCEED ANEOUS ACTS, CONDIT - LOW CEILING - RAIN - FOG	DUATE PREFLIGHT PREPARA  NUED VER FLIGHT INTO AD  AL DISORIENTATION  DED DESIGNED STRESS LIM  TIONS - SEPARATION IN F  BY FLIGHT SERVICE PERS	VERSE ITS OF LIGHT	ME A	THER	CONI FT			
VISIBILITY 5 OR OVE DESTRUCTIO NONE WIND DIREC	TOWER SCATTERED AT ACCIDENT SITE ER (UNLIMITED) ONS TO VISION AT A			P T W	300 RECI NON EMPE 62 IND 7	O PITA IE RATUR	CITY-KNOTS	SITE	
IFR	EATHER CONDITIONS EXTENSIVE IN FLIGH	HT BREAKUP.		Т	NON YPE		LIGHT PLAN		

•	DATE	LOCATION	AIRCRAFT DATA			IES S M/N		PILOT DATA
3-0711	3/6/77 TIME - 1:	CLAXTON, GA 303					NONCOMMERCIAL PLEASURE/PERSONAL TRANS	PRIVATE, AGE 51, 1200 P TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIRPORT - CLAXTON DEPARTURE POINT CHARLOTTESVILLE, VA TYPE OF ACCIDENT STALL		VANS INTENDED DESTINATION NORTH PORT∙FL	LING				
	PILOT FACTOR(S PILOT PILOT WEATHER WEATHER	IN COMMAND - IMPROP IN COMMAND - INADEG IN COMMAND - CONTIN R - LOW CEILING R - FOG BRIEFING - NO RECOR	TO OBTAIN/MAINTAIN FL'ER IN-FLIGHT DECISIONS  UATE PREFLIGHT PREPARA  UED VFR FLIGHT INTO AD  D OF BRIEFING RECEIVED	OR PLA	D\C	ING OR PLA		
		FORECAST - FORECAST	SUBSTANTIALLY CORRECT					
	SKY COND: OVERCAS VISIBILIT	ITION ST TY AT ACCIDENT SITE			PF	300 RECIPI	AT ACCIDENT SITE	
	SKY COND OVERCAS VISIBILI 1 MILE	ITION ST			PR TE	300 RECIPI DRIZZ	TATION AT ACCIDENT SITE	
	SKY COND OVERCAS VISIBILI 1 MILE OBSTRUCT	ITION ST TY AT ACCIDENT SITE OR LESS	CCIDENT SITE		PR TE	300 RECIPI DRIZZ MPERA 56	TATION AT ACCIDENT SITE	

FILE	DATE LOCATION	AIRCRAFT DATA				FLIGHT PURPOSE		PILOT DATA
3-1617	3/14/77 NR.OCHLOCKNEE.GA TIME - 1610 NAME OF AIRPORT - OCHLOCKN	CESSNA 182A N2150G DAMAGE-DESTROYED	-	_	-	NONCOMMERCIAL PLEASURE/PERS		PRIVATE, AGE 36, 300 TOTAL HOURS, 200 IN TYPE NOT INSTRUMENT RATED.
	DEPARTURE POINT	INTENDED DESTINATION						
	CAMILLA.GA	OCHLOCKNEE,GA						
	TYPE OF ACCIDENT			PI		F OPERATION	TOUGUEOUS	
	OVERSHOOT . COLLIDED WITH TREES					NG LEVEL OFF/ NG GO-AROUND	TUUCHUUWN	
	PROBABLE CAUSE(S) PILOT IN COMMAND - MISJU PILOT IN COMMAND - DELAY PILOT IN COMMAND - SELEC FACTOR(S) MISCELLANEOUS ACTS+CONDI WEATHER - HIGH DENSITY A	ED IN INITIATING GO-AROU TED WRONG RUNWAY RELATIV TIONS - DOWNWIND	UND	EXI	STING	WIND		
	SKY CONDITION			C	TI TNG	AT ACCIDENT S	T TE	
	CLEAR			C	UNLIM		1,10	
	VISIBILITY AT ACCIDENT SIT	E		ΡI	RECIPI	TATION AT ACCI	DENT SITE	
	5 OR OVER(UNLIMITED)				NONE			
	OBSTRUCTIONS TO VISION AT	ACCIDENT SITE		RI		E BEARING OF W WIND 158-202 E		
	TEMPERATURE-F			W		RECTION-DEGREE		
	83				290			
	WIND VELOCITY-KNOTS			T	YPE OF	WEATHER CONDI	TIONS	
	WIND AFFOCILL-KNOLZ							
	8 TYPE OF FLIGHT PLAN				VFR			

FILE	DATE	LOCATION	AIRCRAFT DATA	IN	JURIE F S	S M/N	FLIGHT PURPOSE		PILOT DATA
3-1124	4/3/77 TIME - 1	NR.MONROE.GA 205	BEECH C24R N23969 DAMAGE-DESTROYED	CR- PX-	1 (	0 0	NONCOMMERCIAL PLEASURE/PERSONAL	TRANSP	STUDENT, AGE 56, 66 TOTAL HOURS, 24 IN TYPE, NOT INSTRUMENT RATED.
;	DEPARTUR HILTON TYPE OF	AIRPORT - MONROE E POINT IN HEAD.SC ACCIDENT ION WITH GROUND/WATER	.ATLANTA + GA				F OPERATION IGHT UNCONTROLLED	DESCENT	
	PILOT PILOT PILOT PILOT FACTOR(S WEATHE WEATHE	CAUSE(S) IN COMMAND - INADEQUA IN COMMAND - ATTEMPTEI IN COMMAND - CONTINUEI IN COMMAND - SPATIAL [ ) R - THUNDERSTORM ACTIV R - LOW CEILING BRIEFING - NO RECORD (	O OPERATION BEYOND EDUCATION OF STREET	KPERIE	NCE / A	BILI	TY LEVEL		
	UNKNO₩ OBSTRUCT UNKNO₩		IDENT SITE		PRE L TYP	NK NC CIPI NK NC	AT ACCIDENT SITE WN/NOT REPORTED TATION AT ACCIDENT WN/NOT REPORTED WEATHER CONDITIONS		
3-3193		NR.VIENNA.GA 240	CESSNA 172L N19691 DAMAGE-DESTROYED	CR- PX-	1 (	0 0	NONCOMMERCIAL PLEASURE/PERSONAL	TRANSP	PRIVATE, AGE 28, 375 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
	VALDOS TYPE OF	- · - <del>-</del> ·	NTENDED DESTINATION MACON,GA UNCONTROLLED				OF OPERATION IGHT UNCONTROLLED	DESCENT	
	PILOT PILOT FACTOR(S	R - LOW CEILING		VERSE	WEATH	ER (	CONDITIONS		
	3 MILE	TY AT ACCIDENT SITE S OR LESS			PRE U	500 CIPI NKNO	AT ACCIDENT SITE TATION AT ACCIDENT WN/NOT REPORTED	SITE	
	FOG	TIONS TO VISION AT ACC	IDENT SITE		7	3 D V	TURE-F ELOCITY-KNOTS		
		WEATHER CONDITIONS			TY		FLIGHT PLAN		

FILE	DATE	LOCATION	AIRCRAFT DATA			FLIGHT PURPOSE	PILOT DATA
3-3558	NAME OF A DEPARTURE STONE M TYPE OF A COLLISI  PROBABLE PILOT I PILOT I FACTOR(S) WEATHER WEATHER	AIRPORT - STONE MOUNT. POINT IN OUNTAIN.GA ACCIDENT ION WITH GROUND/WATER CAUSE(S) N COMMAND - INITIATEI N COMMAND - SPATIAL I	N1833M DAMAGE-DESTROYED AIN NTENDED DESTINATION LOCAL UNCONTROLLED OFLIGHT IN ADVERSE	PX- 0	O O HASE. O TAKEO	PRACTICE  F OPERATION FF INITIAL CLIMB	PRIVATE, AGE 41, 197 TOTAL HOURS, 70 IN TYPE, NOT INSTRUMENT RATED.
	3 MILES OBSTRUCTI FOG WIND DIRE 110 TYPE OF W IFR FIRE AFTE	TY AT ACCIDENT SITE ON LESS ONS TO VISION AT ACC CTION-DEGREES FEATHER CONDITIONS		P T W	200 RECIPI NONE EMPERA 66 IND VE	AT ACCIDENT SITE TATION ÁT ACCIDENT SIT TURE-F LOCITY-KNOTS FLIGHT PLAN	re

FILE	DATE	LOCATION	AIRCRAFT DATA	11	IJUR F				PILOT DATA		
-4221	10/28/77 TIME - 0840	ATLANTA.GA	CESSNA 182K N2842R DAMAGE-DESTROYED	CR- PX-				NONCOMMERCIAL BUSINESS	PRIVATE, AGE 50, 487 TOTAL HOURS, 47 IN TYPE. INSTRUMENT RATED.		
	NAME OF AIRPORT - CHARLIE BROWN CO DEPARTURE POINT INTENDED DESTINATION										
	CHATTANOO		ATLANTA, GA								
	TYPE OF ACC	IDENT			Ρ	HAS	0 6	OPERATION			
	COLLISION	I WITH GROUND/WATE	R CONTROLLED			LA	1D I I	NG FINAL APPROACH			
	WEATHER -	EFING - BRIEFED E	BY FLIGHT SERVICE PERS SUBSTANTIALLY CORRECT	ONNEL.	ВҮ	PH	DNE				
	SKY CONDITI	ON			С	E I L 30		AT ACCIDENT SITE			
		AT ACCIDENT SITE			Ρ		_	TATION AT ACCIDENT SIT	E		
	1 MILE OF				_	NO					
	FOG	IS TO VISION AT AC	CIDENT SITE		Г	58	-KA	TURE-F			
	WIND VELOCI	TY-KNOTS			Т		_	WEATHER CONDITIONS			
	TYPE OF FLI	GHT PLAN									

FILE	DATE	LOCATION	AIRCRAFT DATA	F	S M/N			PILOT DATA
-4220		R.BLAIRSVILLE,GA	CESSNA 172	CR-	0 0	NONCOMMERCIAL		PRIVATE, AGE 38, 142 TOTAL HOURS, 73 IN TYPE, NOT INSTRUMENT RATED.
	LINDEN.N TYPE OF AC	II	INTENDED DESTINATION ANNISTON, AL		LEXI PHASE	NROUTE STOP NGTON,KY OF OPERATION LIGHT NORMAL CRUIS	E	
	WEATHER WEATHER WEATHER BE	- FOG IEFING - BRIEFED	BY FLIGHT SERVICE PERS SUBSTANTIALLY CORRECT	ONNEL+ 8	Y PHON	E		
	SKY CONDII				CETLIN	G AT ACCIDENT SITE		
	OVERCASI	_			3100	•		
	VISIBILITY	AT ACCIDENT SITE				ITATION AT ACCIDENT	SITE	
	OBSTRUCT IO	ONS TO VISION AT A	CCIDENT SITE		TEMPER 57	ATURE-F		
		TION-DEGREES			-	ELOCITY-KNOTS		
		ATHER CONDITIONS				F FLIGHT PLAN		
		SASE OF OVERCAST B						

			BRIEF	S OF	ACC:	I DEN	TS			
FILE	DATE	LOCATION	AIRCRAFT DATA	II				FLIGHT PURPOSE		PILOT DATA
3-4138	12/31/77 TIME - 22	ALBANY • GA 55	CESSNA 177 N3296T DAMAGE-DESTROYED	CR- PX-				NONCOMMERCIAL PLEASURE/PERSONAL		COMMERCIAL, AGE 47, 850 TOTAL HOURS, 352 IN TYPE, INSTRUMENT RATED.
	NAME OF A DEPARTURE GULFPOR		OUGHERTY INTENDED DESTINATION ALBANY,GA							
	TYPE OF A UNDERSH COLLIDE					LA	NDI	F OPERATION NG FINAL APPROACH NG FINAL APPROACH		
	PROBABLE PILOT I FACTOR(S) WEATHER	N COMMAND - MISJU	DGED DISTANCE AND ALTITU	JDE						
			FORCED LANDING OFF AIRP	ORT O	N L	AND				
		TION OBSCURATION Y AT ACCIDENT SIT				UN	LIM	AT ACCIDENT SITE ITED TATION AT ACCIDENT	CITE	
	1 MILE	OR LESS ONS TO VISION AT	_			NO	NE	TURE-F	2115	
	GROUND WIND VELO CALM	FOG ICITY—KNOTS				41 Type If	OF	WEATHER CONDITION	ıs	
	IFR	LIGHT PLAN								
	REMARKS-	HIT TREES 3/4MI F	RM RWY.PAX SAW LIGHTS.							

FILE	DATE	LOCATION	AIRCRAFT DATA		JUR:	IES		FLIGHT		PILOT DATA
3-0678	4/13/77 TIME - 199 DEPARTURE HONOLULI TYPE OF A	POINT I	CESSNA 310 N8179M DAMAGE-DESTROYED NTENDED DESTINATION LOCAL	CR- PX-				OPERATION	TRANSP	COMMERCIAL, AGE 26, 1870 TOTAL HOURS, 100 IN TYPE, NOT INSTRUMENT RATED.
	COLLISI	ON WITH GROUND/WATER	UNCONTROLLED			ΙN	FL	GHT UNCONTROLLED	DESCENT	
	PILOT I FACTOR(S) WEATHER WEATHER MISCELL	N COMMAND - CONTINUE N COMMAND - SPATIAL - LOW CEILING - RAIN ANEOUS ACTS.CONDITIO	D VFR FLIGHT INTO AD DISORIENTATION NS - AIRCRAFT CAME T OF BRIEFING RECEIVED	O REST				NDITIONS		
	UNKNOWN OBSTRUCTION		IDENT SITE		ΡI	130 REC RA EMPI	00 [PI] [N S	AT ACCIDENT SITE  ATION AT ACCIDENT HOWERS  URE-F	SITE	
		CTION-DEGREES			72 WIND VE			OCITY-KNOTS		
	70 TYPE OF W	EATHER CONDITIONS			T	8 YPE NOI	_	FLIGHT PLAN		
		CRASHED IN OCEAN, NOT	RECOVERED.							
3-3663		35	CESSNA 172N N733FZ DAMAGE-DESTROYED NTENDED DESTINATION	CR- PX-	1	0	0	PLEASURE/PERSONAL	TRANSP	PRIVATE, AGE 57, 105 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
	KEAHOLE	•HI	LOCAL		-		- 01	COSCATION		
	COLLISION	DN WITH GROUND/WATER	UNCONTROLLED					OPERATION GHT UNCONTROLLED	DESCENT	
			D VFR FLIGHT INTO AD DISORIENTATION	VERSE W	VEA.	THE	R C0	INDITIONS		
	WEATHER	- OBSTRUCTIONS TO V N COMMAND - ATTEMPTE	ISION D OPERATION W/KNOWN	DEFICIE	NC	IES	IN	EQUIPMENT		
	SKY CONDI				C	E I L	I NG	AT ACCIDENT SITE		
	VISIBILIT ZERO	Y AT ACCIDENT SITE				NO	١E	TATION AT ACCIDENT		
	SMOKE TYPE OF F	ONS TO VISION AT ACC LIGHT PLAN	IDENT SITE		• Т	YPE IFI		WEATHER CONDITION	S	
	NONE	FLYING IN VICINITY V		C1 C11D				CTANTLY CHANCING	TUD N 4D AN	V C HINDOHC INDO

FILE	DATE	LOCATION	AIRCRAFT DATA	INJ F	UR II	S M/	N	FLIGHT PURPOSE		PILOT DATA
3-0236	2/10/77 TIME - 14	CAREY, ID	PIPER PA-28 N937CC DAMAGE-DESTROYED	CR- PX-	2	)	0 0	NONCOMMERCIAL PLEASURE/PERSONAL		PRIVATE, AGE 43, 63 TOTAL HOURS, 10 IN TYPE, NOT INSTRUMENT RATED.
		AIRPORT - CAREY POINT D CCIDENT	NTENDED DESTINATION BOISE,ID		PH.	SE	OF	DUTE STOP •ID OPERATION F INITIAL CLIMB		
	PILOT I PILOT I FACTOR(S)	N COMMAND - INADEQUA N COMMAND - IMPROPER N COMMAND - FAILED 1	TE PREFLIGHT PREPARA'  OPERATION OF FLIGHT O OBTAIN/MAINTAIN FL'  TUDE	CONTRO	LS (	P	LAN	NING		
	SKY CONDI	TION			CE	LI	NG	AT ACCIDENT SITE		
	5 OR OV	ST 'Y AT ACCIDENT SITE 'ER(UNLIMITED) IONS TO VISION AT ACC	IDENT SITE		PRI	ION	PIT E	ATION AT ACCIDENT	SITE	
	NONE	FEATHER CONDITIONS	TOENT STILL		TY	30	0F	FLIGHT PLAN		
3-0480		CLIFTON.ID 230 POINT I	GRUM AMER AA-5 N7198L DAMAGE-DESTROYED NTENDED DESTINATION	CR- PX-	1 (	)	0	NONCOMMERCIAL PLEASURE/PERSONAL	TRANSP	PRIVATE, AGE 23, 140 TOTAL HOURS, 9 IN TYPE, NOT INSTRUMENT RATED.
	TYPE OF A	:•ID ACCIDENT ON WITH GROUND/WATER						OPERATION GHT NORMAL CRUIS	=	
	PILOT I FACTOR(S) WEATHER WEATHER TERRAIN WEATHER B	N COMMAND - CONTINUE N COMMAND - ATTEMPTE - LOW CEILING N - SNOW N - HIGH OBSTRUCTIONS RIEFING - BRIEFED BY	D VFR FLIGHT INTO AD D OPERATION BEYOND E: FLIGHT SERVICE PERS UBSTANTIALLY CORRECT	XPER I EN	CE /	ВІ	LIT			
	VISIBILIT UNKNOWN OBSTRUCTI UNKNOWN WIND DIRE 210	V/NOT REPORTED IY AT ACCIDENT SITE V/NOT REPORTED IONS TO VISION AT ACC V/NOT REPORTED ECTION-DEGREES			PRI TE	JNK CII JNK 4PE 30 ID L2	NOW PIT NOW RAT	AT ACCIDENT SITE N/NOT REPORTED ATION AT ACCIDENT N/NOT REPORTED URE-F OCITY-KNOTS	SITE	
	VFR	FEATHER CONDITIONS  AREA OUTLOOK FOR IDA	.HO RPTD MTNS FREQUEN	TLY OBS	1	NON	E	FLIGHT PLAN NOW SHOWERS - MAR(	SINAL VE	=R •

				3 UF A						
FILE	DATE		AIRCRAFT DATA	IN	JUR I F S	ES M/N	ı	FLIGHT PURPOSE		PILOT DATA
		OROFINO.ID		CR-	2	0 0	NO	NCOMMERCIAL		COMMERCIAL, AGE 51, 2923 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
		RPORT - OROFINO								
	OROFINO.	POINT	INTENDED DESTINATION COEUR D ALENE, ID							
	TYPE OF AC		COEOR D ALENE FID		РН	ASF	OF O	PERATION		
		WITH TREES						T CLIMB TO CRUISE		
	TERRAIN WEATHER BR	- LOW CEILING - HIGH OBSTRUCTI IEFING - NO RECO RECAST - UNKNOWN	RD OF BRIEFING RECEIVED							
	SKY CONDIT	ION OWER SCATTERED						ACCIDENT SITE NOT REPORTED		
		AT ACCIDENT SIT	Ē					ION AT ACCIDENT SI	TE	
		R (UNLIMITED)	ACCIDENT SITE			NONE	EATURI			
	NUNE	NS TO VISION AT	ACCIDENT SITE			1125K	AIUK	c <del>-</del> r		
		TION-DEGREES			WI		/ELOC	ITY-KNOTS		
	IFR	ATHER CONDITIONS			-	NONE		IGHT PLAN		
	REMARKS- S	TUDENT PLT WITH	EXPIRED CERT IN L SEAT.	MTN TO	PS O	3SCU	JRED.			

FILE	DATE	LOCATION	AIRCRAFT DATA	INJU F	S M/N	PURPOSE	PILOT DATA
3 <b>-</b> 1661	5/30/77 TIME - 175 DEPARTURE BOISE.ID TYPE OF AC ENGINE F	HORSESHOE BEND,ID 1 POINT I	PIPER PA-22 N8993C DAMAGE-DESTROYED NTENDED DESTINATION BOISE,ID	CR- 1 PX- 1	0 0 1 0 AST E EMME PHASE IN F	NONCOMMERCIAL	PRIVATE, AGE 52, 732 SP TOTAL HOURS, 44 IN TYPE, NOT INSTRUMENT RATED.
	MISCELLA MISCELLA TERRAIN FACTOR(S) WEATHER POWERPLA MISCELLA PILOT IN COMPLETE BR MISSING AI	COMMAND - MISMANAG NEOUS ACTS, CONDITIO NEOUS ACTS, CONDITIO ROUGH/UNEVEN - HIGH DENSITY ALTI NT - ENGINE STRUCTU NEOUS ACTS, CONDITIO COMMAND - LACK OF OWNER LOSS - COMPET IEFING - NO RECORD RCRAFT - LATER RECO	NS - INATTENTIVE TO NS - FUEL STARVATION TUDE RE VALVE ASSEMBLIES NS - LOW COMPRESSION FAMILIARITY WITH AIR E ENGINE FAILURE/FLA OF BRIEFING RECEIVED	CRAFT MEOUT-1 (	ENG I NE		
	5 OR OVE OBSTRUCTIO NONE WIND DIREC 120		IDENT SITE	1	1400 PRECIP NONE TEMPER 81 NIND V 12	ITATION AT ACCIDENT SITE	

FILE	DATE LOC	ATION AIRCRAFT DATA	INJURIES FLIGHT F S M/N PURPOSE	PILOT DATA
	7/4/77 PICABO. TIME - 1630	ID PIPER PA-18 N1880P DAMAGE-DESTROYED	CR- 1 0 0 COMMERCIAL PX- 1 0 0 FISH SPOTTING	COMMERCIAL, FL.INSTR., AGE 46, 4595 TOTAL HOURS, 175 IN TYPE, INSTRUMENT RATED.
		INTENDED DESTINATION	N	NATED.
	HAILEY.ID TYPE OF ACCIDENT COLLISION WITH G	LOCAL ROUND/WATER UNCONTROLLED	PHASE OF OPERATION IN FLIGHT OTHER	
	PROBABLE CAUSE(S) PILOT IN COMMAND FACTOR(S) WEATHER - THUNDE WEATHER - DOWNDR	- CONTINUED VFR FLIGHT INTO	ADVERSE WEATHER CONDITIONS	
	WEATHER BRIEFING -	BRIEFED BY FLIGHT SERVICE PE FORECAST SUBSTANTIALLY CORREC		
	SKY CONDITION UNKNOWN/NOT REPO VISIBILITY AT ACCI UNKNOWN/NOT REPO UNKNOWN/NOT REPO	DENT SITE RTED SION AT ACCIDENT SITE	CEILING AT ACCIDENT SITE UNKNOWN/NOT REPORTED PRECIPITATION AT ACCIDENT SITE RAIN, THUNDERSTORM TYPE OF WEATHER CONDITIONS VER	
	TYPE OF FLIGHT PLA NONE REMARKS- FISH & GA		ATTITUDE ∙EXTREME VERT IMPACT FORCE •	
3-3091	10/4/77 NR.LOWMAN TIME - 0915	DAMAGE-DESTROYED	CR- 1 O O NONCOMMERCIAL PX- 1 O O AERIAL SURVEY	COMMERCIAL, AGE 47, 546 TOTAL HOURS, 35 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT EMMETT,ID TYPE OF ACCIDENT STALL SPIN	INTENDED DESTINATIO LOCAL	PHASE OF OPERATION IN FLIGHT OTHER	
	PROBABLE CAUSE(S) PILOT IN COMMAND FACTOR(S) WEATHER - HIGH D	- FAILED TO OBTAIN/MAINTAIN	FLYING SPEED	
		NO RECORD OF BRIEFING RECEIVE	ED	
	SKY CONDITION CLEAR VISIBILITY AT ACCI		CEILING AT ACCIDENT SITE UNLIMITED PRECIPITATION AT ACCIDENT SITE	
	5 OR OVER(UNLIMI OBSTRUCTIONS TO VI NONE TYPE OF WEATHER CO	SION AT ACCIDENT SITE	NONE TEMPERATURE-F 60 TYPE OF FLIGHT PLAN	
	VFR .	FOR STRAY HORSES.	NONE	

FILE	DATE	LOCATION	AIRCRAFT DATA		JURIES S M				PILOT DATA						
3-3690	11/27/77 TIME - 11		CESSNA 210E N2369F DAMAGE-DESTROYED		1 0 1 0		NONCOMMERCIAL PLEASURE/PERSON		PRIVATE, AGE 66, 1400 TOTAL HOURS, 175 IN TYPE NOT INSTRUMENT RATED.						
	DEPARTURE POINT		INTENDED DESTINATION												
		KELLOGG,ID LEWISTON,ID  TYPE OF ACCIDENT PHASE OF OPERATION													
		WITH TREES					GHT OTHER								
	PROBABLE (	CAUSE (S)													
	PILOT I	N COMMAND - IMPRO	PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING												
	PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS														
			NUED VER FLIGHT INTO AD	VERSE N	ME A THE	R CO	NDITIONS								
	FACTOR(S) MISCELL WEATHER WEATHER	ANEOUS ACTS.CONDI	TIONS - UNWARRANTED LOW	_	_	R CO	NDI TI ONS								
	FACTOR(S) MISCELL WEATHER WEATHER TERRAIN WEATHER BI	ANEOUS ACTS.CONDI - LOW CEILING - SNOW - HIGH OBSTRUCTI RIEFING - BRIEFED	TIONS - UNWARRANTED LOW ONS BY FLIGHT SERVICE PERS	FLYING	3		NDI TI ONS								
	FACTOR(S) MISCELL WEATHER WEATHER TERRAIN WEATHER BI	ANEOUS ACTS.CONDI - LOW CEILING - SNOW - HIGH OBSTRUCTI RIEFING - BRIEFED	TIONS - UNWARRANTED LOW	FLYING	3		NDI TI ONS								
	FACTOR(S) MISCELL WEATHER WEATHER TERRAIN WEATHER BI	ANEOUS ACTS.CONDI - LOW CEILING - SNOW - HIGH OBSTRUCTI RIEFING - BRIEFED DRECAST - WEATHER	TIONS - UNWARRANTED LOW ONS BY FLIGHT SERVICE PERS	FLYING	BY PH	ONE	NDITIONS  AT ACCIDENT SI	re							
	FACTOR(S) MISCELL WEATHER WEATHER TERRAIN WEATHER BI WEATHER FI SKY CONDITORSCURA VISIBILIT	ANEOUS ACTS.CONDI - LOW CEILING - SNOW - HIGH OBSTRUCTI RIEFING - BRIEFED DRECAST - WEATHER	TIONS - UNWARRANTED LOW ONS O BY FLIGHT SERVICE PERS SLIGHTLY WORSE THAN FO	FLYING	BY PH  CEIL  O  PREC	ONE ING		_							
	FACTOR(S) MISCELL. WEATHER WEATHER TERRAIN WEATHER BI WEATHER FI SKY CONDI OBSCURA VISIBILIT 1/4 MIL	ANEOUS ACTS.CONDI - LOW CEILING - SNOW - HIGH OBSTRUCTI RIEFING - BRIEFEC ORECAST - WEATHER ITION ITION Y AT ACCIDENT SII	TIONS - UNWARRANTED LOW ONS BY FLIGHT SERVICE PERS SLIGHTLY WORSE THAN FO	FLYING	BY PH  CEIL  O  PREC	ONE ING IPII OW S ERAI	AT ACCIDENT SI	_							
	FACTOR(S) MISCELL. WEATHER WEATHER TERRAIN WEATHER BI WEATHER BI SKY CONDI' OBSCURA' VISIBILIT 1/4 MIL OBSTRUCTI FOG	ANEOUS ACTS.CONDI - LOW CEILING - SNOW - HIGH OBSTRUCTI RIEFING - BRIEFEC DRECAST - WEATHER TION TION TION TY AT ACCIDENT SITE E OR LESS	TIONS - UNWARRANTED LOW ONS BY FLIGHT SERVICE PERS SLIGHTLY WORSE THAN FO	FLYING	G BY PH  CEIL O PREC SN TEMP	ONE ING IPII OW S ERAI	AT ACCIDENT SI ATION AT ACCIDI HOWERS	_							

FILE	DATE	LOCATION	AIRCRAFT DATA				FLIGHT PURPOSE		PILOT DATA			
-3882	11/29/77 M TIME - 123 DEPARTURE	NR.POCATELLO.ID 38 POINT IN	PIPER PA-32 N41861 DAMAGE-SUBSTANTIAL TENDED DESTINATION	CR-	1	0 0	NONCOMMERCIAL		COMMERCIAL, AGE 55, 7400 TOTAL HOURS, 819 IN TYPE INSTRUMENT RATED.			
	TYPE OF AC		SUN VALLEY, ID		Ρ		OF OPERATION IGHT NORMAL CRUI	c E				
	PROBABLE (											
	PILOT IN FACTOR(S) WEATHER WEATHER WEATHER TERRAIN WEATHER BR	- LOW CEILING	ATED W/CLOUDS AND/O	R THUN	IDER	STORMS	5					
	SKY CONDIT	TION OBSCURATION			С	EILING 6000	AT ACCIDENT SITE					
	VISIBILIT	Y AT ACCIDENT SITE /NOT REPORTED			Р	RECIP	TATION AT ACCIDEN RAIN	T SITE				
		ONS TO VISION AT ACCI NOT REPORTED	DENT SITE		T	EMPERA 42	ATURE-F					
	WIND DIREC	CTION-DEGREES			WIND VELOCITY-KNOTS 40							
	TYPE OF WE	EATHER CONDITIONS			Т	YPE OF VFR	FLIGHT PLAN					

FILE	DATE	LOCATION	AIRCRAFT DATA					PILOT DATA		
				F :	S M/N 	PUR POSE				
-0671	1/3/77 TIME - 0	ROCKFORD, IL 144				NONCOMMERO CORP/EXEC	CIAL	COMMERCIAL, AGE 31, 3500 TOTAL HOURS, 355 IN TYPE INSTRUMENT RATED.		
	TYPE OF ENGINE	AIRPORT - GREATER R ACCIDENT FAILURE OR MALFUNC ED WITH TREES		PI	LANDI	F OPERATION NG FINAL A NG FINAL A				
	PROBABLE CAUSE(S)  PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING MISCELLANEOUS ACTS, CONDITIONS - INATTENTIVE TO FUEL SUPPLY PILOT IN COMMAND - MISMANAGEMENT OF FUEL  FACTOR(S)  WEATHER - ICING CONDITIONS-INCLUDES SLEET, FREEZING RAIN, ETC. COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-2 ENGINES WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED WEATHER BRIEFING - WEATHER SLIGHTLY WORSE THAN FORECAST EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.									
	SKY COND OVERCA			C	EILING 2300	AT ACCIDEN	NT SITE			
	VISIBILI	TY AT ACCIDENT SITE VER (UNLIMITED)		PI	RECIPI	TATION AT A				
	OBSTRUCT BLOWIN	IONS TO VISION AT A G SNOW	CCIDENT SITE	R		E BEARING ( WIND 158-20				
	TEMPERAT 16	URE-F		W	IND DI 200 .	RECTION-DEG	REES			
	WIND VEL 7	OCITY-KNOTS		τ.	YPE OF VFR	WEATHER CO	ONDITIONS			
	TYPE OF IFR	FLIGHT PLAN				v 4 - 2				
		ER IMPACT								

FILE	DATE LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	
3-4173	1/23/77 NR.ROMEOVILLE. TIME - 1918	IL PIPER PA-22 N4904Z DAMAGE-DESTROYED	CR- 2 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRAN	STUDENT, AGE 34, 60 TOTAL SP HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIRPORT - CLOW DEPARTURE POINT	FIELD INTENDED DESTINATION			
	ROMEOVILLE, IL	LOCAL			
	TYPE OF ACCIDENT COLLIDED WITH DIRT B	ANK		F OPERATION NG TRAFFIC PATTERN-CIR	CLING
		ADEQUATE PREFLIGHT PREPAR ITIATED FLIGHT IN ADVERSE			
	PILOT IN COMMAND - AT WEATHER - LOW CEILING	TEMPTED OPERATION BEYOND TIONS-INCLUDES SLEET+FREE		TY LEVEL	
	MISCELLANEOUS ACTS.CO	NDITIONS - ICE-WINDSHIELD ECORD OF BRIEFING RECEIVE			
	SKY CONDITION OVERCAST/LOWER SCATTER	oen.	CEILING 500	AT ACCIDENT SITE	-
	VISIBILITY AT ACCIDENT			TATION AT ACCIDENT SITE	
	DBSTRUCTIONS TO VISION	AT ACCIDENT SITE		ING DRIZZLE WEATHER CONDITIONS	
	FOG	AT ACCIDENT SITE	IFR	WEATHER CONDITIONS	
	TYPE OF FLIGHT PLAN NONE				
3-4183	2/12/77 NR.SUGAR GROVE TIME - 1117	PIPER PA-32 N31CA DAMAGE-DESTROYED	CR- 1 0 0 PX- 3 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRAN	COMMERCIAL, AGE 43, 370 SP TOTAL HOURS, 41 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - AUROR DEPARTURE POINT SUGAR GROVE.IL	A			
	TYPE OF ACCIDENT COLLISION WITH GROUND	/WATER CONTROLLED		F OPERATION IGHT CLIMB TO CRUISE	
	PROBABLE CAUSE(S) PILOT IN COMMAND - IM FACTOR(S)	PROPER IFR OPERATION			
	WEATHER - LOW CEILING WEATHER - RAIN WEATHER - FOG				
	WEATHER BRIEFING - BRIEF	FED BY FLIGHT SERVICE PER CAST SUBSTANTIALLY CORREC			
	SKY CONDITION OBSCURATION		CEILING 200	AT ACCIDENT SITE	
	VISIBILITY AT ACCIDENT :	SITE		TATION AT ACCIDENT SITE	
	OBSTRUCTIONS TO VISION FOG	AT ACCIDENT SITE		WEATHER CONDITIONS	

			BRIEF	S OF ACC	IDENTS							
ILE	DATE	LOCATION	AIRCRAFT DATA		RIES S M/N		PILOT DATA					
1891	3/3/77 TIME - 2:	ST CHARLES∙IL 220				COMMERCIAL CTR PASSG-D	COMMERCIAL, AGE 28, 665 TOTAL HOURS, 64 IN TYPE, INSTRUMENT RATED.					
	NAME OF AIRPORT - DUPAGE COUNTY DEPARTURE POINT INTENDED DESTINATION											
			ST CHARLES, IL									
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER CONTROLLED PHASE OF OPERATION LANDING FINAL APPROACH										
		PROBABLE CAUSE(S) PILOT IN COMMAND - SPATIAL DISORIENTATION										
		IN COMMAND - ATTEMPTE		XPERIENC	E/ABILI	TY LEVEL						
	FACTOR (S	•										
	AIRPOR AIRPOR WEATHEI	TS/AIRWAYS/FACILITIES TS/AIRWAYS/FACILITIES TS/AIRWAYS/FACILITIES R — LOW CEILING	- AIRPORT FACILITIE	S APPRO	ACH LIG	HTING						
		R - RAIN R - FOG										
	WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - WEATHER SLIGHTLY WORSE THAN FORECAST											
	SKY CONDITION CEILING AT ACCIDENT SITE OVERCAST '400											
		TY AT ACCIDENT SITE LE OR LESS			PRECIPI RAIN	TATION AT ACCIDENT	T SITE					
		IONS TO VISION AT ACC	IDENT SITE		TEMPERA	TURE-F						
	WIND DIR	ECTION-DEGREES				LOCITY-KNOTS						
	TYPE OF I	WEATHER CONDITIONS			TYPE OF	FLIGHT PLAN						
	REMARKS-	FLT ADVSD OF GS PRBL	M AFTER FIRST MSD AP	P TWR CL	SD AND	RAIL AND REIL TND	OFF DRG SCND APP					

FILE	DATE	LOCATION	OCATION AIRCRAFT DATA			IES S M/	N	FLIGHT PURPOSE	PILOT DATA					
	3/6/77 CHIO	CAGO.IL							PRIVATE, AGE 23, 125 P TOTAL HOURS, 80 IN TYPE, NOT INSTRUMENT RATED.					
	NAME OF AIRPORT		INTENDED DESTINATION											
	CHICAGO , IL		LOCAL											
	TYPE OF ACCIDEN	JT		PHASE OF OPERATION										
	ENGINE FAILUR	RE OR MALFUNC	TION		IN FLIGHT CLIMB TO CRUISE									
	STALL LANDING TRAFFIC PATTERN-CIRCLING													
	MISCELLANEOUS MISCELLANEOUS PILOT IN COMM FACTOR(S) WEATHER - COM PARTIAL POWER I WEATHER RRIEFIN WEATHER FORECAS EMERGENCY CIRCU	PER OPERATION OF POWERPITIONS - ANTI-ICING/DEIC FIONS - ICE-CARBURETOR OF TO OBTAIN/MAINTAIN FL DUCIVE TO CARB./INDUCTION AL LOSS OF POWER - 1 ENTER RED OF BRIEFING RECEIVED OF SUBSTANTIALLY CORRECT ORCED LANDING OFF AIRPO	ING EQ YING S ON SYS SINE	UIP PEE TEM LA	MENT D ICI ND	- I M	PROPER OPERATION OF/OR	FAILED TO USE						
	SKY CONDITION				С	280		AT ACCIDENT SITE						
	OVERCAST					200	PRECIPITATION AT ACCIDENT SITE							
	OVERCAST VISIBILITY AT		<b>:</b>		Р	RECI	PΙΊ	TATION AT ACCIDENT SITE						
	OVERCAST	IMITED)				REC I	PIT E OF	ATION AT ACCIDENT SITE WEATHER CONDITIONS						

			BRIEF	S OF A	CCI	IDEN	TS	·		
FILE		LOCATION	AIRCRAFT DATA		F	SM	/N	PURPOSE		PILOT DATA
3-1165	3/19/77 TIME - 20	9/77 MORRIS+IL BEECH 23 CR- 1 0 0 NONCOMMERCIAL E - 2018 N2309Z PX- 1 0 0 PLEASURE/PERSONAL TRA		COMMERCIAL, AGE 25, 481						
	DEPARTURE	AIRPORT - MORRIS MUN E POINT TON•KY	ICIPAL INTENDED DESTINATION MORRIS,IL							
	TYPE OF A	ACCIDENT ION WITH GROUND/WATE	R UNCONTROLLED		Ρ			F OPERATION NG FINAL APPROACH		
	FACTOR(S) WEATHER WEATHER WEATHER	IN COMMAND — SPATIAL } ? — LOW CEILING R — SNOW BRIEFING — BRIEFED B	DISORIENTATION Y FLIGHT SERVICE PERS SUBSTANTIALLY CORRECT		ВҮ	′ RA	DIO			
	SKY CONDI				C	E I L 20	-	AT ACCIDENT SITE		
	VISIBILIT 3/4 MIL			SN	OW	TATION AT ACCIDENT SI	TE			
	OBSTRUCT:			12	0	RECTION-DEGREES				
	.6	DCITY-KNOTS FLIGHT PLAN			1	IF		WEATHER CONDITIONS		

ETLE											
		LOCATION	AIRCRAFT DATA	IN	JUR =	IES S M.	/N	FLIGHT PURPOSE	PILOT DATA		
	5/22/77 TIME - 1400	EAST DUNDEE.IL	CESSNA 172 N8031B DAMAGE-DESTROYED	CR-	1	0	0	INSTRUCTIONAL			
	NAME OF AIRPORT - ELGIN  DEPARTURE POINT INTENDED DESTINATION LAST ENROUTE STOP  AURORA,IL RETURN CRYSTAL LAKE,IL  TYPE OF ACCIDENT PHASE OF OPERATION  STALL SPIN LANDING TRAFFIC PATTERN-CIRCLING										
	FACTOR(S) PERSONNEL PILOT IN WEATHER -	FLIGHT INSTRU COMMAND - ATTEMF - UNFAVORABLE WIN	O TO OBTAIN/MAINTAIN FL DCTOR INADEQUATE SUPER PTED OPERATION BEYOND E DD CONDITIONS RD OF BRIEFING RECEIVED	/ISION	OF	FL:					
	SKY CONDITION SCATTERED							AT ACCIDENT SITE			
	VISIBILITY 4 MILES C	PRECIPITATION AT ACCIDENT SITE NONE									
		WIND DIRECTION-DEGREES									
	OBSTRUCTION DUST	12 IN ATZION AT 1	CCIDENT SITE			210	)				

FILE	DATE	LOCATION	AIRCRAFT DATA	INJ( F	' C M/N	DUDDOSE	PILOT DATA				
		BENTON.IL	CESSNA 150H	CR-	0 0	NONCOMMERCIAL					
	NAME OF AIR DEPARTURE P BENTON,IL										
	TYPE OF ACCIDENT  ENGINE FAILURE OR MALFUNCTION  STALL  PHASE OF OPERATION  IN FLIGHT NORMAL CRUISE  IN FLIGHT NORMAL CRUISE										
	MISCELLAN PILOT IN FACTOR(S) WEATHER - PILOT IN MISCELLAN MISCELLAN COMPLETE PC WEATHER BRI	EOUS ACTS, CONDIT COMMAND - FAILED CONDITIONS COND COMMAND - PHYSIC EOUS ACTS, CONDIT EOUS ACTS, CONDIT EOUS ACTS, CONDIT EFING - NO RECOR	IONS - ICE-CARBURETOR TO OBTAIN/MAINTAIN FL UCIVE TO CARB./INDUCTI	YING SPE ON SYSTE RMENT OF O REST I MEOUT-1	M ICIN  EFFIC N WATE ENGINE	IENCY AND JUDGMENT R					
	SKY CONDITI BROKEN VISIBILITY	ON AT ACCIDENT SITE	G AT ACCIDENT SITE O ITATION AT ACCIDENT SI	TE							
		(UNLIMITED) S TO VISION AT A	CCIDENT SITE		NONE TEMPERATURE-F 74						
	WIND VELOCITY-KNOTS  CALM  TYPE OF FLIGHT PLAN  NONE										

	DATE LOCATI				S M/N	PURPOSE		PILOT DATA			
		PIPER PA-28	CR-		0 0						
	NAME OF AIRPORT - SIL	NAM SPGS RLA						•			
	DEPARTURE POINT	INTENDED DESTINATION									
	CLAYTON,IL MANITO,IL  TYPE OF ACCIDENT PHASE OF OPERATION										
	COLLIDED WITH OBJE	:cT		۲		OFF INITIAL CL	TMR				
	SSECTION VISCON										
	PROBABLE CAUSE(S)  PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING  PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC.  PILOT IN COMMAND - MISUSED OR FAILED TO USE FLAPS  PILOT IN COMMAND - FAILED TO ABORT TAKEOFF  FACTORIS)  AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS HIGH VEGETATION AIRPORTS/AIRWAYS/FACILITIES - AIRPORT FACILITIES OTHER  WEATHER - HIGH DENSITY ALTITUDE  WEATHER - HIGH TEMPERATURE  MISCELLANEOUS ACTS, CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G.										
	SKY CONDITION BROKEN			С	EILIN 4500						
	VISIBILITY AT ACCIDEN	NT SITE		Ρ		ITATION AT ACCI	DENT SITE				
	5 OR OVER(UNLIMITED				NONE						
	OBSTRUCTIONS TO VISIO	ON AT ACCIDENT SITE		T	EMPER 87	A TUR E-F					
	TYPE OF WEATHER CONDI	TIONS		Т		F FLIGHT PLAN					
	FIRE AFTER: IMPACT										

FILE	DATE	LOCATION	AIRCRAFT DATA	IN.	F			FLIGHT PURPOSE		PILOT DATA	
3-3982	8/6/77 TIME - 15 DEPARTURE HILLSBO TYPE OF A	DE WITT,IL 30 POINT PO,IL		CR-	1	0	0	NONCOMMERCIAL PLEASURE/PERSONAL F OPERATION	TRANSP	PRIVATE, AGE 44, 350 TOTAL HOURS, 9 IN TYPE, NOT INSTRUMENT RATED.	
		ON WITH GROUND/WATER	R UNCONTROLLED			IN	FL	IGHT UNCONTROLLED	DESCENT		
	PILOT I PILOT I FACTOR(S) WEATHER WEATHER WEATHER B	PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO PILOT IN COMMAND - SPATIAL DISORIENTATION  FACTOR(S) WEATHER - LOW CEILING WEATHER - THUNDERSTORM ACTIVITY WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRE						ONDI TI ONS			
		SKY CONDITION						AT ACCIDENT SITE			
	OVERCAS VISIBILIT UNKNOWN	UNKNOWN/NOT REPORTED PRECIPITATION AT ACCIDENT SITE RAIN, THUNDERSTORM									
	NONE	ONS TO VISION AT ACC	CIDENT SITE		T			WEATHER CONDITION WN/NOT REPORTED	S		
3-3900	9/5/77	ROCKFORD•IL	CESSNA 172	CR	1	0	0	NONCOMMERCIAL		PRIVATE, AGE 35, 369	
3 3 3 0 0	TIME - 10		N1975V DAMAGE-DESTROYED					OTHER		TOTAL HOURS, 210 IN TYPE NOT INSTRUMENT RATED.	
	NAME OF A DEPARTURE ROCKFOR		INTENDED DESTINATION								
	TYPE OF A				. Ъ			F OPERATION IGHT OTHER			
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED										
	FACTOR(S) WEATHER WEATHER MISCELL										
	SKY CONDI	TION			CEILING AT ACCIDENT SITE						
		TY AT ACCIDENT SITE (UNLIMITED)			Р	11 REC NO	IPI	TATION AT ACCIDENT	SITE		
	NONE	IONS TO VISION AT AC	CIDENT SITE			LE	FT	E BEARING OF WIND CROSS WIND 248-292	DEGREES		
	WIND DIRE	WIND VELOCITY-KNOTS 12									
		VEATHER CONDITIONS			_			FLIGHT PLAN			

FILE	DATE	LOCATION		IN	INJURIES FLIGHT F S M/N PURPOSE			FLIGHT	PILOT DATA			
								PURPHSE				
-4252	10/19/77 N TIME - 230	R.VALPARAISO, IN O	BEECH 200 N17530 DAMAGE-DESTROYED					NONCOMMERCIAL CORP/EXEC				
		RPORT - PORTER COL							RATED.			
			INTENDED DESTINATION									
	TYPE OF AC	X	VALPARAISH, IN		ь	LAC	= 0	OPERATION				
		WITH WIRES/POLES		г			NG INITIAL APPROACH					
	PROBABLE C		D IED ODEDATION									
		COMMAND - IMPROPE	R IFR OPERATION									
		WEATHER - FOG										
	TERRAIN - HIGH OBSTRUCTIONS											
	WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, IN PERSON WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT											
	WEATHER FU	RECAST - FORECAST										
	SKY CONDITION					EIL	ING	AT ACCIDENT SITE				
	CLEAR							I TED				
	VISIBILITY		Р			TATION AT ACCIDENT SITE						
		R (UNLIMITED)			_	NO						
		NS TO VISION AT AC	CIDENT SITE		7	-		TURE-F				
	GROUND F				-	40		WEATHER CONDITIONS				
	WIND VELOC	114-KN015			'	VF		WEATHER CONDITIONS				
	TYPE OF FL	TCHT DI ANI				٧r	`					
	IFR	TOTAL TERM										
		SCNDD BELOW MDA_HI	T PWR LINES ART 1MT F	RM ARP	T.P	A TC	4FS	OF GROUND FOG IN AREA.				

FILE	DATE	LOCATION	AIRCRAFT DATA			S M/N		PILOT DATA			
3-4107	7 10/30/77 FRANCESVILLE,IN PIPER PA-24 CR- 1 0 0 NONCOMMERCIAL PRIVATE, AGE 29, 220 TIME - 1332 N8445P PX- 1 0 0 PLEASURE/PERSONAL TRANSP TOTAL HOURS, 15 IN TYPE,  DAMAGE-DESTROYED OT- 2 0 O INSTRUMENT RATED.  DEPARTURE POINT INTENDED DESTINATION XENIA,OH JOLIET,IL  TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH AIRCRAFT BOTH IN FLIGHT IN FLIGHT NORMAL CRUISE										
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT FACTOR(S) WEATHER - OBSTRUCTIONS TO VISION										
	SKY CONDITION  CLEAR  UNLIMITED  VISIBILITY AT ACCIDENT SITE  3 MILES OR LESS  OBSTRUCTIONS TO VISION AT ACCIDENT SITE  HAZE  TYPE OF FLIGHT PLAN  NONE  CEILING AT ACCIDENT SITE  UNLIMITED  PRECIPITATION AT ACCIDENT SITE  TYPE OF WEATHER CONDITIONS  VER										
:	CONTROL TRAFFIC CONVERG EVASIVE	S OF AVIATION INVO LING AGENCY — APR ADVISORY ISSUED — ENCE ANGLE—DEGREES	- 63 KNOWN/NOT REPORTED	SMALI	F (	RADAR ONTR IORIZ	.AV. CTL/SURVEILLANCE - RADAI OL ZONE/AREA - YES ONTAL COLLISION ANGLE-DE COLLISION LIGHTS - INSTA	GREES - 55			

FILE	DATE LOCATION			_	=	S M	N	PURPOSE	PILOT DATA			
	10/30/77 FRANCESVILLE, IN BEECH P35 CR 1 0 0 NONCOMMERCIAL PRIVATE, AGE 47, 964 TIME - 1332 N155S PX 1 0 0 PLEASURE/PERSONAL TRANSP TOTAL HOURS, 212 IN TYPE,  DAMAGE-DESTROYED OT 2 0 0  DEPARTURE POINT INTENDED DESTINATION LAFAYETTE, IN  SOUTH BEND, IN LAFAYETTE, IN  TYPE OF ACCIDENT PHASE OF OPERATION  COLLISION WITH AIRCRAFT BOTH IN FLIGHT IN FLIGHT NORMAL CRUISE											
	PILOT IN PERSONNE FACTOR(S)	PROBABLE CAUSE(S)  PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT  PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT  FACTOR(S)  WEATHER - OBSTRUCTIONS TO VISION										
	3 MILES	AT ACCIDENT SITE OR LESS INS TO VISION AT AC	CCIDENT SITE		P	UNI RECI	IMI PIT IE OF	AT ACCIDENT SITE ITED ATION AT ACCIDENT SITE WEATHER CONDITIONS				
	CONTROLL HORIZONT	OF AVIATION INVOL ING AGENCY — NO CO AL COLLISION ANGLE	LVED - SMALL US GEN.AV. INTROL E-DEGREES - 55 INSTALLED, OPERATION UNKN			COM	VER	.V. GENCE ANGLE-DEGREES VE ACTION TAKEN - UNKNOWN				

BRIEFS OF ACCIDENTS									
FILE	DATE LOCATION	N AIRCRAFT DATA					PURPOSE	PILOT DATA	
3-1897	3/19/77 ATKINS.IA TIME - 1706	CESSNA T210L N2231S DAMAGE-DESTROYED					INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 33, 2566 TOTAL HOURS, 79 IN TYPE, INSTRUMENT RATED.	
		INTENDED DESTINATION							
	IOWA CITY,IA	WATERLOO, IA					S ODES TAGE		
	TYPE OF ACCIDENT COLLISION WITH GROUND/WATER UNCONTROLLED PHASE OF OPERATION IN FLIGHT UNCONTROLLED DESCENT								
	MISCELLANEOUS ACTS,CI PILOT IN COMMAND - SI FACTOR(S) WEATHER - LOW CEILING WEATHER - SNOW WEATHER BRIEFING - BRIE		ONNE L +		РН	ONE	:		
	SKY CONDITION			С		-	AT ACCIDENT SITE		
	OBSCURATION VISIBILITY AT ACCIDENT 1/4 MILE OR LESS	SITE		P	20 REC SN	IPI	TATION AT ACCIDENT SITE		
	OBSTRUCTIONS TO VISION FOG	AT ACCIDENT SITE		T	_	ERA	TURE-F		
	TYPE OF WEATHER CONDIT				YPE IF	OF R	FLIGHT PLAN		
	REMARKS- VACUUM PUMP V	ANES SEIZED IN FLT CAUSING	SHAFT	TO	SHE	AR.	•		

.Е		AIRCRAFT DATA	F S M/N		PILOT DATA				
	12/14/77 DAVENPORT,IA TIME - 1415	PIPER PA-34 N1634H DAMAGE-DESTROYED	·CR- 1 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 23, 1425 TOTAL HOURS, 75 IN TYPE, INSTRUMENT RATED.				
	NAME OF AIRPORT - DAVENPORT	· · · · · ·	LACT THO	OUTE STOP					
	DEPARTURE POINT DAVENPORT.IA		GARY.I						
	TYPE OF ACCIDENT	DAVENFORTTA		OPERATION					
	COLLISION WITH GROUND/WAT	ER CONTROLLED			CIRCLING				
	PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROF PILOT IN COMMAND - IMPROF FACTOR(S) WEATHER - LOW CEILING WEATHER - FOG WEATHER - ICING CONDITION MISCELLANEOUS ACTS, CONDIT WEATHER BRIEFING - BRIEFED WEATHER FORECAST - FORECAST	S-INCLUDES SLEET, FREEZ: TONS - AIRFRAME ICE BY FLIGHT SERVICE PERSI	ING RAIN,ETC.	*					
	SKY CONDITION		CEILING	AT ACCIDENT SITE					
	OVERCAST		400						
	VISIBILITY AT ACCIDENT SITE		PRECIPITATION AT ACCIDENT SITE						
	2 MILES OR LESS		NONE						
	DBSTRUCTIONS TO VISION AT A	CCIDENT SITE	TEMPERATURE-F						
	FOG		31	OCTTV VNOTC					
	WIND DIRECTION-DEGREES		WIND VELOCITY-KNOTS						
	TYPE OF WEATHER CONDITIONS		6 TYPE OF	FLIGHT PLAN					
	BELOW MINIMUMS		IFR	. CIOIII I LAN					
	REMARKS- ACFT NOT EQUIPPED	FOR FLT INTO ICING CON	DITIONS.1/2 TO 1	&1/4IN ICE FOUND ON.	VERTICAL STABILIZER.				

FILE	DATE	LOCATION	AIRCRAFT DATA		JUR IE S			PILOT DATA
3-4178	TIME - 1230		PIPER PA-28R N44988 DAMAGE-DESTROYED	CR- PX-			NONCOMMERCIAL BUSINESS	COMMERCIAL, AGE 43, 437 TOTAL HOURS, 421 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE N	POINT	INTENDED DESTINATION DES MOINES,IA					
	TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH TREES TAKEOFF INITIAL CLIMB							
	FACTOR(S) WEATHER -	COMMAND - INITI						
	SKY CONDIT				U	NKNO	AT ACCIDENT SITE WN/NOT REPORTED	
	1/2 MILE		_		N	DNE	TATION AT ACCIDENT SITE	
	OBSTRUCTION	IS TO VISION AT .	ACCIDENT SITE				WEATHER CONDITIONS	
	FOG TYPE OF FLI				I	FR		

DATE	LOCATION	AIRCRAFT DATA	INJ F	JRIES S M/N	FLIGHT PURPOSE	PILOT DATA			
Z/11/77 ANTHONY,KS PIPER PA-31 CR- 1 0 0 MISCELLANEOUS COMMERCIAL, AGE 39, 2880 N59838 PX- 5 0 0 DEMONSTRATION TOTAL HOURS, UNK/NR IN DAMAGE-DESTROYED INTENDED DESTINATION TULSA,OK  TYPE OF ACCIDENT  PHASE OF OPERATION  CR- 1 0 0 MISCELLANEOUS COMMERCIAL, AGE 39, 2880 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.									
	FAILURE IN FLIC	энт			LIGHT UNCONTROLLED DESC	CENT			
AIRFRAME MISCELLAN MISCELLAN	- WINGS SPARS - FUSELAGE OTHE EOUS ACTS, CONDITEOUS ACTS, CONDITEOUS								
WEATHER BRI	COMMAND - ATTEMI EFING - BRIEFED	PTED OPERATION BEYOND E BY WEATHER BUREAU PERS I SUBSTANTIALLY CORRECT							
PILOT IN WEATHER BRIWEATHER FOR	COMMAND - ATTEMI EFING - BRIEFED ECAST - FORECAS	BY WEATHER BUREAU PERS		CEILIN	G AT ACCIDENT SITE				
PILOT IN WEATHER BRI WEATHER FOR SKY CONDITI OVERCAST VISIBILITY 1/2 MILE	COMMAND — ATTEMI EFING — BRIEFED ECAST — FORECAS' ON AT ACCIDENT SITE OR LESS	BY WEATHER BUREAU PERS SUBSTANTIALLY CORRECT		CEILIN UNKN PRECIP RAIN	G AT ACCIDENT SITE IOWN/NOT REPORTED ITATION AT ACCIDENT SITE				
PILOT IN WEATHER BRI WEATHER FOR SKY CONDITI OVERCAST VISIBILITY 1/2 MILE OBSTRUCTION	COMMAND — ATTEM EFING — BRIEFED ECAST — FORECAS' ON AT ACCIDENT SITE	BY WEATHER BUREAU PERS SUBSTANTIALLY CORRECT		CEILIN UNKN PRECIP RAIN TEMPER	G AT ACCIDENT SITE IOWN/NOT REPORTED ITATION AT ACCIDENT SITE				
PILOT IN WEATHER BRI WEATHER FOR SKY CONDITI OVERCAST VISIBILITY 1/2 MILE OBSTRUCTION FOG	COMMAND — ATTEMI EFING — BRIEFED ECAST — FORECAS' ON AT ACCIDENT SITE OR LESS	BY WEATHER BUREAU PERS SUBSTANTIALLY CORRECT		CEILIN UNKN PRECIP RAIN TEMPER 49	G AT ACCIDENT SITE IOWN/NOT REPORTED ITATION AT ACCIDENT SITE				

FILE	DATE	LOCATION	AIRCRAFT DATA			S M		FLIGHT PURPOSE		PILOT DATA
3-3718	9/15/77 TIME - 22	COLDWATER•KS	CESSNA 177 N29358 DAMAGE-DESTROYED					NONCOMMERCIAL PLEASURE/PERSONAL	TRANSP	PRIVATE, AGE 44, 579 TOTAL HOURS, 149 IN TYPE
		IRPORT - COLDWATER . KS	;							
	DEPARTURE PROTECT	POINT IN	TENDED DESTINATION HUTCHINSON-KS							
	TYPE OF A		HOTCHINSON+K2			PHAS	FN	F OPERATION		
		ON WITH GROUND/WATER	UNCONTROLLED		•			IGHT UNCONTROLLED	DESCENT	
	PILOT I FACTOR(S)			WE ATHE	R C	OND	ΙΤΙ	DNS		
	WEATHER 8	— THUNDERSTORM ACTIV RIEFING — BRIEFED BY ORECAST — FORECAST SU IRCRAFT — LATER RECOV	FLIGHT SERVICE PERS BSTANTIALLY CORRECT		В	/ PH	ONE			
	SKY CONDITION CEILING AT ACCIDENT SITE									
	OVERCAS							WN/NOT REPORTED		
		Y AT ACCIDENT SITE			F			TATION AT ACCIDENT RAIN	SITE	
	UNKNOWN	ONS TO VISION AT ACCI VNOT REPORTED LIGHT PLAN	DENT SITE		1			WEATHER CONDITION WN/NOT REPORTED	S	
	NONE	RECOVERY DATE 9/16/77	· ·_							
3-3898		CALDWELL + KS	NAVION A					NONCOMMERCIAL		PRIVATE, AGE 53, 1335 TOTAL HOURS, 119 IN TYPE
*	TIME - 21		N91482 DAMAGE-DESTROYED	P.A.	1	U	U	PLEASURE/PERSUNAL	IKANSP	NOT INSTRUMENT RATED.
	DEPARTURE	•	TENDED DESTINATION WICHITA, KS					•		
	TYPE OF A							F OPERATION IGHT UNCONTROLLED	DESCÉNT	
	PROBABLE	CAUSE(S)								
	PILOT I	N COMMAND - CONTINUED N COMMAND - SPATIAL D	ISORIENTATION							
	FACTOR (S)	N COMMAND — ATTEMPTED	OPERATION BEYOND E	XPERIE	NCE	-/AB	ΙLΙ	TY LEVEL		
		R - FOG Briefing - Briefed by Forecast - Forecast Su			IN	N PE	RSO	N		
			, ostavijače, oskočej							
	SKY CONDI BROKEN	ITUN			C	EIL 40		AT ACCIDENT SITE		
	VISIBILIT	Y AT ACCIDENT SITE OR LESS			F			TATION AT ACCIDENT	SIŢE	
	OBSTRUCT	ONS TO VISION AT ACCI	DENT SITE	RAIN Temperature—f						
	FOG WIND DIRE	CTION-DEGREES				56 IND		LOCITY-KNOTS		
	120	•				10				
		VEATHER CONDITIONS			1	TYPE NO		FLIGHT PLAN		

_		LOCATION	AIRCRAFT DATA	-	S M/	ı	PURPOSE		PILOT DATA			
	6/6/77 TIME - 13	ROBINSON CREEK,KY 310 E POINT I	BELLANCA 14-19 N1293R DAMAGE-DESTROYED	CR-	1 0	NON	NCOMMERCIAL		PRIVATE, AGE 36, 399 TOTAL HOURS, 302 IN TYPE INSTRUMENT RATED.			
		LD,WV	EVANSVILLE, IN		211455	os bo						
	TYPE OF A	<del>-</del>					PERATION F UNCONTROLLED	DESCENT	r			
	7 10 10	AIRFRAME FAILURE IN FLIGHT IN FLIGHT UNCONTROLLED DESCENT										
	PROBABLE	OBABLE CAUSE(S)										
	PILOT 1	PILOT IN COMMAND - PHYSICAL IMPAIRMENT MISCELLANEOUS ACTS,CONDITIONS - ALCOHOLIC IMPAIRMENT OF EFFICIENCY AND JUDGMENT										
				RMENT C	F EFFI	IENCY	AND JUDGMENT					
		IN COMMAND - SPATIAL										
		N COMMAND - EXCEEDED	DESIGNED STRESS LIM	ITS OF	AIRCRA	1						
		ANEOUS ACTS•CONDITIO IN COMMAND — IMPROPER			NNING							
		WEATHER - THUNDERSTORM ACTIVITY										
		ATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, IN PERSON  ATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT										
	WEATHER F	URECAST - FURECAST S	DBSTANTIALLY CORRECT									
	SKY CONDI	TION			CETLI	G AT	ACCIDENT SITE					
	OVERCAS				100							
		Y AT ACCIDENT SITE			PRECI	ITATI	ON AT ACCIDENT	SITE				
	5 OR O	/ER(UNLIMITED)			RAI	I, THU	JNDER S TOR M					
ОВ Т <b>Y</b>	NONE	ONS TO VISION AT ACC	IDENT SITE		TYPE I	F WEA	ATHER CONDITION	S				
	TYPE OF F	LIGHT PLAN										
	FIRE AFTE	R IMPACT										
	DEMARKS.	IFR FP.PLT ACCEPTED	VECTORS THREE LINE OF	THUMBE		O. T	ALCOHOL LVI 17	246				

	DRIEFS OF ACCIDENTS										
FILE	DATE	LOCATION	AIRCRAFT DATA		F	S M	/N	FLIGHT PURPOSE	PILOT DATA		
3-0638	TIME -		N200BB DAMAGE-SUBSTANTIAL		1	0	0	COMMERCIAL			
	CHIE	RE POINT IN OF MEXICO	MUNWY-IV	1							
		ACCIDENT	TIOOTIA Y EA	PHASE OF OPERATION							
	COLLI	COLLISION WITH GROUND/WATER UNCONTROLLED IN FLIGHT UNCONTROLLED DESCENT									
	PROBABL	PROBABLE CAUSE(S)									
		IN COMMAND - CONTINUED	VER FLIGHT INTO ADV	ERSE	WE A	THE	R CO	NDITIONS			
		IN COMMAND - SPATIAL (	DISORIENTATION								
	FACTOR										
		WEATHER - LOW CEILING WEATHER - RAIN									
		MEATHER - RAIN MISCELLANEOUS ACTS.CONDITIONS - AIRCRAFT CAME TO REST IN WATER									
		WEATHER BRIEFING - OTHER									
	WEATHER	WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT									
	SKY CON	DITION			(	CEIL	ING	AT ACCIDENT SITE			
	OVERC	· · <del>· ·</del> ·		400							
		ITY AT ACCIDENT SITE		PRECIPITATION AT ACCIDENT SITE							
		ES OR LESS TIONS TO VISION AT ACC	IDENT CITE	RAIN, RAIN SHOWERS							
	FOG	TIONS TO VISION AT ACC.	IDENT SITE	TEMPERATURE-F 60							
		RECTION-DEGREES		WIND VELOCITY-KNOTS							
	360					8		· · · · · · · · · · · · · · · · · · ·			
		WEATHER CONDITIONS		TYPE OF FLIGHT PLAN							
	IFR		22.45.40.0			OT	HER				
	REMARKS	- COMPANY FLT PLAN WX I	SKIEFING								

FILE	DATE	LOCATION	AIRCRAFT DATA				FLIGHT PURPOSE		PILOT DATA		
3-0399	TIME - I		PIPER PA-28 N4493T DAMAGE-DESTROYED INTENDED DESTINATION PENSALCOLA,FL				NONCOMMERCIAL PLEASURE/PERSONAL T		PRIVATE, AGE 24, 151 TOTAL HOURS, 38 IN TYPE, NOT INSTRUMENT RATED.		
	TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH TREES IN FLIGHT NORMAL CRUISE										
	WEATHE WEATHER	BRIEFING - BRIEFED	BY FLIGHT SERVICE PERS	ONNEL,	вч	2H0N	E				
	WEATHER	WEATHER - FOG WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT									
	SKY COND					161v 300	G AT ACCIDENT SITE				
	VISIBILI	ITY AT ACCIDENT SITE ES OR LESS									
	OBSTRUCT FOG	TIONS TO VISION AT A	CCIDENT SITE								
		RECTION-DEGREES				ND V	ELOCITY-KNOTS				
		WEATHER CONDITIONS				PE O	F FLIGHT PLAN				

FILE	DATE	LOCATION	AIRCRAFT DATA		JURIE F S			PILOT DATA		
3-0299	NAME OF A DEPARTURE WESTWEG TYPE OF A	3/15/77 WESTWEGO,LA CESSNA 150J NS0600 PRODUCTION OF AGE 20, 30 TOTAL NS0600 PRODUCTION OF AGE 20, 30 TOTAL NS0600 PRODUCTION OF AGE 20, 30 TOTAL NSTRUMENT RATED.  NAME OF AIRPORT - WESTWEGO DEPARTURE POINT INTENDED DESTINATION HOUSTON,TX  TYPE OF ACCIDENT OF ACCIDENT COLLISION WITH GROUND/WATER UNCONTROLLED PHASE OF OPERATION IN FLIGHT CLIMB TO CRUISE								
	COLLISION WITH GROUND/WATER UNCONTROLLED  PROBABLE CAUSE(S) PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXP PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WE PILOT IN COMMAND - SPATIAL DISORIENTATION FACTOR(S) WEATHER - LOW CEILING WEATHER - FOG WEATHER FIG - NO RECORD OF BRIEFING RECEIVED									
	1 MILE OBSTRUCTI	TION . Y AT ACCIDENT SITE			PRI TEI	OO CIP ONE IPER	G AT ACCIDENT SITE ITATION AT ACCIDENT SITE ATURE-F			
	170 TYPE OF W	CTION-DEGREES EATHER CONDITIONS INIMUMS			WI		ELOCITY-KNOTS F FLIGHT PLAN			

FILE	DATE	LOCATION	AIRCRAFT DATA				FLIGHT PURPOSE	PILOT DATA
3-1562	5/31/77 TIME - 1548		CESSNA 185 N3345L DAMAGE-DESTROYED	CR-	1 0	0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 39, 4690 TOTAL HOURS, 90 IN TYPE, INSTRUMENT RATED.
	NAME OF AIR	PORT - INTRACOA	STAL					
	DEPARTURE P	OINT	INTENDED DESTINATION		LAS	T EN	ROUTE STOP	
	HOUMA + LA		RETURN		D	JLAC	,LA	
	TYPE OF ACC	IDENT			PHA	SE O	F OPERATION	
	COLLIDED	WITH OBJECT			L	ANDI	NG TRAFFIC PATTERN	H-CIRCLING
	PILOT IN FACTOR(S) WEATHER - WEATHER - MEATHER - MISCELLAN WEATHER BRI	COMMAND — CONTI COMMAND — INADE RAIN HAIL THUNDERSTORM A EOUS ACTS, CONDI EFING — NO RECO	NUED VFR FLIGHT INTO AD QUATE PREFLIGHT PREPARA CTIVITY TIONS - AIRCRAFT CAME TO RD OF BRIEFING RECEIVED T SUBSTANTIALLY CORRECT	TION. AN	O/OR	PLA		
	SKY CONDITI	ON			CEI	. I NG	AT ACCIDENT SITE	
	OVERCAST				3	000	•	
	VISIBILITY	AT ACCIDENT SIT	E		PRE	IPI	TATION AT ACCIDENT	SITE
	3 MILES O	R LESS			H	ΊL,	RAIN	
•	OBSTRUCTION HAZE	S TO VISION AT	ACCIDENT SITE		TEMI		TUR E-F	
	WIND DIRECT	ION-DEGREES			WIN		LOCITY-KNOTS	
	270	THE CONDITIONS			8		EL TOUT OLAN	
	BELOW MIN	THER CONDITIONS IMUMS				: UF ONE	FLIGHT PLAN	
	REMARKS- FL	OAT PLANE MAKIN	G APP OVER CANAL FOR LNI	OG IN C	NAL.	COL	LIDED WITH BRIDGE.	

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N			PILOT DATA		
3-2195	TIME - 05		DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0					
	NEW ORL	EANS+LA CCIDENT	INTENDED DESTINATION AMARILLO,TX		F OPERATION	•			
	AIRFRAME FAILURE IN FLIGHT IN FLIGHT UNCON								
	MISCELL MISCELL WEATHER B	- LOW CEILING ANEOUS ACTS, CONDIT ANEOUS ACTS, CONDIT RIEFING - BRIEFED	TIONS - SEPARATION IN F TIONS - OVERLOAD FAILUR BY FLIGHT SERVICE PERS T SUBSTANTIALLY CORRECT	E ONNEL, BY PHONE		, 2010	N L N		
	SKY CONDI			CEILING 600	AT ACCIDENT	7 TA	UME		
	VISIBILIT	Y AT ACCIDENT SITE ER(UNLIMITED)	E	PRECIPI	TATION AT ACC SHOWERS	T DA	NS TR		
	OBSTRUCT I	ONS TO VISION AT	ACCIDENT SITE	TEMPERA 75	TURE-F	11.0T	T I		
		CTION-DEGREES			LOCITY-KNOTS	P P	NOT NOT		
	TYPE OF W	EATHER CONDITIONS		TYPE OF IFR	FLIGHT PLAN	美	7		
	DEMARKS	DECEMBLY DEC THEF	RATING. LOGGED 1 HR NI	C		• •			

FILE	DATE LOCATION	AIRCRAFT DATA	INJURIES F S M/N		• • ••
-3862	10/10/77 NR.GRAND CHEN TIME - 1945	ER,LA BELL 206B N157AL DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	COMMERCIAL AIR TAXI-PASSG	CO. TOTA. TYPE+ RATED.
		INTENDED DESTINATION GRAND CHENIER.LA			KATED.
	TYPE OF ACCIDENT	GRAND CHENTER+LA	DHASE O	F OPERATION	
		/WATER CONTROLLED		IGHT NORMAL CRUISE	
		ONTINUED VFR FLIGHT INTO AC MADEQUATE PREFLIGHT PREPARA			
	FACTOR(S)  WEATHER - LOW CEILING WEATHER - RAIN WEATHER - FOG WEATHER - THUNDERSTOR				
	WEATHER BRIEFING - NO F	ECORD OF BRIEFING RECEIVED	·		
	WEATHER FORECAST - FOR	CAST SUBSTANTIALLY CORRECT	Г		
	SKY CONDITION BROKEN		CEILING 400	AT ACCIDENT SITE	
	VISIBILITY AT ACCIDENT	SITE	PRECIPI RAIN	TATION AT ACCIDENT SITE	•
	OBSTRUCTIONS TO VISION	AT ACCIDENT SITÉ	TEMPERA 65	TURE-F	
	WIND DIRECTION-DEGREES			LOCITY-KNOTS	
	TYPE OF WEATHER CONDIT	IONS		FLIGHT PLAN	
	REMARKS- PLT FLYING LO	BECAUSE OF DETERIORATING	WEATHER		

FILE	DATE	LOCATION	AIRCRAFT DATA		S M	N			PILOT DATA				
3-3864	TIME - 172 DEPARTURE	POINT	BEECH M35 N984OR DAMAGE-DESTROYED INTENDED DESTINATION DALLAS,TX		L 0.	0 N	NONCOMMERCIAL	COI RANSP TO	MMERCIAL, AGE 66, 1146 TAL HOURS, 557 IN TYPE STRUMENT RATED.				
	DOTHAN, A TYPE OF AC	PHASE OF OPERATION											
	AIRFRAME	FAILURE IN FLI	GHT		IN	FLIG	GHT NORMAL CRUISE						
	FACTOR(S) AIRFRAME AIRFRAME MISCELLA MISCELLA WEATHER BR	- WINGS SKIN A - FLIGHT CONTRO NEOUS ACTS, CONDI NEOUS ACTS, CONDI IEFING - BRIEFIN	SOCIATED W/CLOUDS AND/O ND ATTACHMENTS L SURFACES OTHER TOUSS — OVERLOAD FAILU TIONS — SEPARATION IN G RECEIVED-METHOD UNKN T SUBSTANTIALLY CORREC	RE FLIGHT DWN									
	SKY CONDIT	ION			CEIL1 25 (	-	AT ACCIDENT SITE						
	VISIBILITY 4 MILES	PRECIPITATION AT ACCIDENT SITE RAIN SHOWERS											
	OBSTRUCT IO	OBSTRUCTIONS TO VISION AT ACCIDENT SITE					TEMPERATURE-F 73						
	WIND DIRECT	TION-DEGREES			WIND 10	VELO	DCITY-KNOTS						
	TYPE OF WE	· ·			TYPE								

ILE	DATE	LOCATION	AIRCRAFT DATA			FLIGHT PURPOSE	PILOT DATA				
3861	12/8/77 NI TIME - 120			PX- 16		COMMERCIAL AIR TAXI-PASSG	ATP,FLIGHT INSTR., AGE 53, 16267 TOTAL HOURS, 450 IN TYPE, INSTRUMENT RATED.				
	DEPARTURE	POINT IN		KA IED •							
	INTRACOA	STAL CITY, LA									
	TYPE OF ACCIDENT PHASE OF OPERATION										
	COLLIDED WITH OBJECT LANDING GO-AROUND										
	PROBABLE CAUSE(S)										
	PILOT IN COPILOT - PERSONNEI FACTOR(S)	COPILOT - IMPROPER COMPENSATION FOR WIND CONDITIONS PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT COPILOT - DELAYED IN INITIATING GO-AROUND PERSONNEL - MISCELLANEOUS-PERSONNEL OTHER									
	SKY CONDIT	TON		r	ETITNG	AT ACCIDENT SITE					
	BROKEN	•			3200						
	VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE  15 OR OVER (UNLIMITED) NONE										
	OBSTRUCTION HAZE	NS TO VISION AT ACCI	DENT SITE	R	RELATIVE BEARING OF WIND RIGHT QUARTERING HEAD WIND 023-067 DEGREES						
	TEMPERATURI	E~F		W	IND DI	RECTION-DEGREES					
	71				160						
	WIND VELOCITY-KNOTS TYPE OF WEATHER CONDITIONS										
	25				VFR						
	TYPE OF FL:	IGHT PLAN									
	REMARKS- CO	DLLIDED WITH CRANE C	ABLE. CRANE OPR FAI	LED TO PA	RK CRA	NE BOOM IN STOWED POS	SITION. WIND GUST 30K.				

FILE	DATE LOCATION		INJURIES F S M/N	PURPOSE	PILOT DATA				
3-1996	5/26/77 NR.OXBOW.ME TIME - 1342 DEPARTURE POINT	CESSNA 182F N3148U Damage—Substantial		NONCOMMERCIAL BUSINESS	PRIVATE, AGE 41, 254 TOTAL HOURS, 4 IN TYPE NOT INSTRUMENT RATED.				
	COLEBROOK,NH TYPE OF ACCIDENT	PRESOUE ISLɕME		F OPERATION					
	ENGINE FAILURE OR MALFUNCTION IN FLIGHT NORMAL CRUISE COLLIDED WITH TREES LANDING FINAL APPROACH								
		DITIONS - FUEL EXHAUSTION ROPER IN-FLIGHT DECISIONS	OR PLANNING						
	PILOT IN COMMAND - IMP	ROPER IN-FLIGHT DECISIONS JUDGED ALTITUDE AND CLEAR  DRAFTS  #PLETE ENGINE FAILURE/FLA CORD OF BRIEFING RECEIVED  AST SUBSTANTIALLY CORRECT	MEOUT-1 ENGINE						
	PILOT IN COMMAND - IMP PILOT IN COMMAND - MIS. FACTOR(S) WEATHER - DOWNDRAFT, UP COMPLETE POWER LOSS CO WEATHER BRIEFING - NO RE WEATHER FORECAST - FOREC	ROPER IN-FLIGHT DECISIONS JUDGED ALTITUDE AND CLEAR  DRAFTS  #PLETE ENGINE FAILURE/FLA CORD OF BRIEFING RECEIVED  AST SUBSTANTIALLY CORRECT	MEOUT-1 ENGINE	AT ACCIDENT SITE					
	PILOT IN COMMAND - IMP PILOT IN COMMAND - MIS. FACTOR(S) WEATHER - DOWNDRAFT.UP COMPLETE POWER LOSS - CO MEATHER BRIEFING - NO RE WEATHER FORECAST - FOREC EMERGENCY CIRCUMSTANCES SKY CONDITION SCATTERED VISIBILITY AT ACCIDENT S	ROPER IN-FLIGHT DECISIONS JUDGED ALTITUDE AND CLEAR DRAFTS MPLETE ENGINE FAILURE/FLA CORD OF BRIEFING RECEIVED AST SUBSTANTIALLY CORRECT FORCED LANDING OFF AIRP	MEDUT-1 ENGINE  DRT ON LAND  CEILING UNLIN PRECIPI		Ε				
	PILOT IN COMMAND - IMP PILOT IN COMMAND - MIS FACTOR(S) WEATHER - DOWNDRAFT, UP COMPLETE POWER LOSS - CO WEATHER BRIEFING - NO RE WEATHER FORECAST - FOREC EMERGENCY CIRCUMSTANCES SKY CONDITION SCATTERED	ROPER IN-FLIGHT DECISIONS JUDGED ALTITUDE AND CLEAR DRAFTS MPLETE ENGINE FAILURE/FLA CORD OF BRIEFING RECEIVED AST SUBSTANTIALLY CORRECT FORCED LANDING OFF AIRP	MEOUT-1 ENGINE  DRT ON LAND  CEILING UNLIN PRECIPI NONE	I TED	Ε				

FILE	DATE	LOCATION	AIRCRAFT DATA	IN.	UR Í S				PILOT DATA
3-1306	5/31/77 TIME - 20 DEPARTURE	CAVETOWN, MD  31 : POINT II	CESSNA 172 N20480 DAMAGE-DESTROYED NTENDED DESTINATION			0	0	NONCOMMERCIAL PLEASURE/PERSONAL TRAN	COMMERCIAL, AGE 43, 850 SP TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
	TYPE OF A	CCIDENT					-	OPERATION	
	COLLISI	ON WITH GROUND/WATER	CONTROLLED			IN	FLI	GHT NORMAL CRUISE	
	PILOT I FACTOR(SI WEATHER WEATHER TERRAIN WEATHER E	N COMMAND - CONTINUES N COMMAND - IMPROPER C - LOW CEILING C - FOG I - HIGH OBSTRUCTIONS SRIEFING - BRIEFED BY	IN-FLIGHT DECISIONS FLIGHT SERVICE PERSO	OR PLA	NN II	NG		NDITIONS	
	WEATHER F	ORECAST - FORECAST S	BSTANTIALLY CORRECT						
	SKY CONDI			I L I 1 0 0		AT ACCIDENT SITE			
	VISIBILIT ZERO		PRI	ECI		ATION AT ACCIDENT SITE			
	OBSTRUCTI FOG		TY		OF	WEATHER CONDITIONS			
	VFR	LIGHT PLAN							
3-3932		UNITY,MD 45 POINT I	GRUM AMER AA1-B N9677L DAMAGE-DESTROYED NTENDED DESTINATION	CR- PX-	0 (	0	0	NONCOMMERCIAL PLEASURE/PERSONAL TRANS	PRIVATE, AGE 23, 294 SP TOTAL HOURS, 109 IN TYPE NOT INSTRUMENT RATED.
	COLLISI	CCIDENT ON WITH GROUND/WATER	UNCONTROLLED		PH	ASE In	FLI	OPERATION GHT UNCONTROLLED DESC	ENT
	PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEAT PILOT IN COMMAND - SPATIAL DISORIENTATION FACTOR(S) WEATHER - THUNDERSTORM ACTIVITY							NDITIONS	
	MISCELL WEATHER E WEATHER F		вч	PHO	NE				
	SKY CONDI						AT ACCIDENT SITE		
	UNKNOWN OBSTRUCTI UNKNOWN TYPE OF F	Y AT ACCIDENT SITE N/NOT REPORTED ONS TO VISION AT ACC N/NOT REPORTED LIGHT PLAN	IDENT SITE		TY	THL	INDE OF	ATION AT ACCIDENT SITE RSTORM, RAIN SHOWERS WEATHER CONDITIONS	
	NONE REMARKS-	PLT ON-DUTY AT LEAST	17 HRS PRIOR TO ACOM	JТ				•	

	• •											
FILE	DATE	LOCATION	AIRCRAFT DATA	I				FLIGHT PUR POSE	PILOT DATA			
3-4048	11/7/77 TIME - 11		PIPER PA-32 N3347W DAMAGE-DESTROYED	CR- PX-					COMMERCIAL, FL.INSTR.,  AGE 55, 4434 TOTAL HOURS 238 IN TYPE, INSTRUMENT RATED.			
	DEPARTURE SOMERSE	POINT I	NTENDED DESTINATION GETTYSBURG.PA						NA TEO			
		TYPE OF ACCIDENT PHASE OF OPERATION										
		COLLISION WITH GROUND/WATER CONTROLLED IN FLIGHT NORMAL CRUISE										
	FACTOR(S) WEATHER WEATHER WEATHER WEATHER WEATHER B	- LOW CEILING - RAIN - FOG	D VFR FLIGHT INTO AD' FLIGHT SERVICE PERS UBSTANTIALLY CORRECT									
	SKY CONDI BROKEN	TION			(	EIL 0	I NG	AT ACCIDENT SITE				
		VISIBILITY AT ACCIDENT SITE					IPI IN	TATION AT ACCIDENT SITE				
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE						WEATHER CONDITIONS				
	TYPE OF F	LIGHT PLAN				-'						
	REMARKS-	MTN PEAKS OBSCURED B	Y FOG.									

Е		LOCATION			F	S	/N	PURPOSE	PILOT DATA
	12/5/77 TIME - 0936	JESSUP•MD		CR- PX-	2	.0	0	I NS TRUCTIONAL DUAL	
	NAME OF AIR DEPARTURE P		NTENDED DESTINATION						
	BALTIMORE, MD TYPE OF ACCIDENT COLLISION WITH GROUP		LOCAL						
		IDENT			Р	HAS	E n	F OPERATION	
		WITH GROUND/WATER	UNCONTROLLED			LA	NDI	NG FINAL APPROACH	
	FACTOR(S) WEATHER - WEATHER - WEATHER - PERSONNEL WEATHER BRI	SCELLANEOUS ACTS.CONDITIONS - AIRFRAME ICE OR(S) ATHER - LOW CEILING ATHER - FOG ATHER - FOG ATHER - ICING CONDITIONS-INCLUDES SLEET, FREEZ RSONNEL - OPERATIONAL SUPERVISORY PERSONNEL HER BRIEFING - BRIEFED BY WEATHER BUREAU PERSONNEL HER FORECAST - FORECAST SUBSTANTIALLY CORRECT				E S	UPE	RVISION OF FLIGHT CRE	4
	SKY CONDITI	ON			С	EIL	ING	AT ACCIDENT SITE	
	OVERCAST					60	-		
		AT ACCIDENT SITE			Р			TATION AT ACCIDENT SI	TE
	2 MILES O		IDENT CITE		-		IZZI		
	FOG	S TO VISION AT ACC	IDEMI SILE		1	±MH 36		TURE-F	
	WIND DIRECT	ION-DECREES			1.1			LOCITY-KNOTS	
	80	104 DEGREES			~	16		EUGI II -KNO 13	
		TYPE OF WEATHER CONDITIONS						FLIGHT PLAN	
	TYPE OF WEA	THER CONDITIONS			- 1	170	UF	FLIGHT PLAN	
	TYPE OF WEA	THER CONDITIONS			'	IF		FLIGHT PLAN	

FILE	DATE	LOCATION	AIRCRAFT DATA	IN				FLIGHT PURPOSE	PILOT DATA
3-0980	6/7/77 TIME - 13	HAVERHILL,MA	BELLANCA 8KCAB N86770 DAMAGE-SUBSTANTIAL					NONCOMMERCIAL PRACTICE	COMMERCIAL, FL.INSTR., AGE 63, 30000 TOTAL HOURS, 225 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE HAVERHI TYPE OF A	LL +MA	NTENDED DESTINATION LOCAL CONTROLLED		F		_	F OPERATION IGHT ACROBATICS	
	PILOT I FACTOR(S) WEATHER	N COMMAND - EXERCISES N COMMAND - MISJUDGE	- · · · · - · - · · - · · · · ·	INCE					
	SKY CONDITION UNKNOWN/NOT REPORTED VISIBILITY AT ACCIDENT SITE 5 OR OVER(UNLIMITED) OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE						0 IPI IZZ	AT ACCIDENT SITE  TATION AT ACCIDENT SITE  LE  TURE-F	
	WIND DIRE	CTION-DEGREES EATHER CONDITIONS				VINC 6 TYPE	VE	LOCITY-KNOTS FLIGHT PLAN	

FILE	DATE	LOCATION	AIRCRAFT DATA					FLIGHT PURPOSE	PILOT	DATA
-1997	7/8/77 TIME - 22	HINGHAM,MA						NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	TOTAL HOURS,	TYPE, NOT INSTRUMENT
		IRPORT - NAS S WEYMO								
		POINT I								
	TYPE OF A	RE,MD	MARSHFIELD.MA			HACI		OPERATION		
		ON WITH GROUND/WATER	HINCONTROLLED					IG FINAL APPROACH		
	COLLISI	OR WITH OROGINATION	ONCONTROLLED					to Time ATTROACT		
	PILOT II PILOT II PILOT II PILOT II FACTOR(S) WEATHER WEATHER WEATHER WEATHER BI	- LOW CEILING - RAIN	IN-FLIGHT DECISIONS D VFR FLIGHT INTO AD DISORIENTATION  OF BRIEFING RECEIVED	S OR PL OVERSE	ANN	ING				
	SKY CONDI				С			AT ACCIDENT SITE		
	OBSCURA				_	200				
		Y AT ACCIDENT SITE			P			TATION AT ACCIDENT SITE		
		E OR LESS ONS TO VISION AT ACC	IDENT SITE		7	DR I		.E [URE=F		
	FOG	UNS IN ATSIDM AT ACC	IDEMI 211E		,	68	K A	UKC-F		
		CITY-KNOTS			т		nΕ	WEATHER CONDITIONS		
		CTIT-KNOTS				IFF		HEALITER CONDITIONS		
							•			
	CALM TYPE OF F NONE	LIGHT PLAN								

FILE	DATE LOCATION		F S M/		PILOT DATA					
-3914	11/30/77 TAUNTON,MA TIME - 1728	CESSNA 206 N2119F DAMAGE-DESTROYED		O NONCOMMERCIAL	PRIVATE, AGE 38, 522 TOTAL HOURS, 65 IN TYPE, INSTRUMENT RATED.					
	NAME OF AIRPORT - TAUNT DEPARTURE POINT RED HODK NY TYPE OF ACCIDENT COLLISION WITH GROUND	INTENDED DESTINATION TAUNTON, MA		OF OPERATION DING FINAL APPROACH						
	PILOT IN COMMAND - IMPROPER IFR OPERATION PILOT IN COMMAND - SPATIAL DISORIENTATION  FACTOR(S) PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL WEATHER - LOW CEILING WEATHER - RAIN WEATHER - FOG WEATHER - FOG WEATHER BRIEFING - BRIEFED BY WEATHER BUREAU PERSONEL, BY PHONE									
	WEATHER BRIEFING - BRIE									
	SKY CONDITION			NG AT ACCIDENT SITE						
			400 PRECI DRI							

FILE	DATE LOCATION	AIRCRAFT DATA	INJURIES F S M/N		PILOT DATA						
-0673	Z/20/77 CARLETON,MI TIME - 0226 DEPARTURE POINT GRAND HAVEN,MI	N51226 DAMAGE-DESTROYED			PRIVATE, AGE 26, 176 TOTAL HOURS, 77 IN TYPE, NOT INSTRUMENT RATED.						
	TYPE OF ACCIDENT	321113211111	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE								
	ENGINE FAILURE OR MALFUN	ICTION									
	COLLIDED WITH WIRES/POL	COLLIDED WITH WIRES/POLES LANDING LEVEL OFF/TOUCHDOWN									
	PILOT IN COMMAND - BECAM MISCELLANEOUS ACTS.CONDI PILOT IN COMMAND - ATTEM FACTOR(S) MISCELLANEOUS ACTS.CONDI WEATHER - SNOW WEATHER - FOG COMPLETE POWER LOSS - COM WEATHER BRIEFING - NO RECE EMERGENCY CIRCUMSTANCES -	ITIONS - FUEL EXHAUSTION APTED OPERATION BEYOND E ITIONS - ALCOHOLIC IMPAI PLETE ENGINE FAILURE/FLAI BRD OF BRIEFING RECEIVED	XPERIENCE/ABILI RMENT OF EFFICIE MEOUT-1 ENGINE ORT ON LAND								
	SKY CONDITION OVERCAST/LOWER SCATTERED		CEILING 4000	AT ACCIDENT SITE							
	VISIBILITY AT ACCIDENT SIT	TE .	PRECIPI <sup>*</sup> NONE	PRECIPITATION AT ACCIDENT SITE							
	OBSTRUCTIONS TO VISION AT	ACCIDENT SITE	TE MP ER A	TUR E-F							
	NONE		23								
	TYPE OF WEATHER CONDITIONS  TYPE OF FLIGHT PLAN  NONE										
	REMARKS- PLT HAD TWO DRINK	S BEFORE FLT. PLT STATE	D HE LOST SIGHT	OF GROUND ENROUTE.							

FILE	DATE		AIRCRAFT DATA					PILOT DATA
3 <b>-</b> 1894	3/27/77 N TIME - 205	R.IRON RIVER, MI 55 POINT I	CESSNA 172M N1136U DAMAGE-DESTROYED NTENDED DESTINATION SHEBOYGAN, WI	CR- PX-	1 0	0		PRIVATE, AGE 55, 178 TOTAL HOURS, 37 IN TYPE, NOT INSTRUMENT RATED.
	COLLISIO	CIDENT IN WITH GROUND/WATER	CONTROLLED				F OPERATION IGHT NORMAL CRUISE	
	PILOT IN PILOT IN WEATHER WEATHER	I COMMAND - BECAME L I COMMAND - CONTINUE I COMMAND - FAILED T - LOW CEILING - FOG	OST/DISORIENTED D VFR FLIGHT INTO AD O SEE AND AVOID OBJE  OF BRIEFING RECEIVED					
	SKY CONDIT	= -			CEIL 10		AT ACCIDENT SITE	
	VISIBILITY 1/4 MILE	AT ACCIDENT SITE	rocht circ		PREC DR	IPI IZZ		
	FOG TYPE OF FL NONE	NS TO VISION AT ACC	IDENI ŽITE		IF		WEATHER CONDITIONS	
3-2105	TIME - 092	MENDON.MI	N500KR DAMAGE-DESTROYED				NONCOMMERCIAL Business	PRIVATE, AGE 67, 609 TOTAL HOURS, 390 IN TYPE INSTRUMENT RATED.
	PONTIAC		KALAMAZOO MI					
	COLLISIO	CIDENT ON WITH GROUND/WATER	UNCONTROLLED				F OPERATION NG INITIAL APPROACH	
	PROBABLE OF PILOT IN PILOT IN FACTOR(S) WEATHER WEATHER WEATHER							
	WEATHER BE	FLIGHT SERVICE PERS IGHTLY WORSE THAN FO		вү рн	ONE			
	SKY CONDIT				CEIL 30		AT ACCIDENT SITE	
	VISIBILITY  1 MILE (	Y AT ACCIDENT SITE OR LESS			PREC RA		TATION AT ACCIDENT SITE	
	OBSTRUCT IC	ONS TO VISION AT ACC	IDENT SITE		TEMP 52	ERA	TURE-F	
	TYPE OF WE	EATHER CONDITIONS			TYPE		FLIGHT PLAN	

FILE	DATE	LOCATION		_	=	SM	/N	FLIGHT PURPOSE		PILOT DATA	
3-4241	TIME - 2	3330 AIRPORT - ST CLAIR C	MOONEY M20F N9349V DAMAGE-SUBSTANTIAL O INTL	CR- PX-	1	0	0	NONCOMMERCIAL		PRIVATE, AGE 43, 478 TOTAL HOURS, 70 IN TYPE NOT INSTRUMENT RATED.	
		RE PO1NT NAC,MI									
		ACCIDENT	FORT HORONAMI		Р	нлс	FΛ	F OPERATION			
			R CONTROLLED					NG TRAFFIC PATTERN	-CIRCL	NG ·	
	PILOT PILOT FACTOR (S WEATHE WEATHER WEATHER MISSING	IN COMMAND - CONTINU  )  ER - FOG  BRIEFING - NO RECORD  FORECAST - FORECAST  AIRCRAFT - LATER REC	R IN-FLIGHT DECISIONS ED VFR FLIGHT INTO AD OF BRIEFING RECEIVED SUBSTANTIALLY CORRECT OVERED		ΝEΑ	THE					
	SKY COND	OITION VN/NOT REPORTED			C			AT ACCIDENT SITE			
	VISIBILI	TY AT ACCIDENT SITE			P		ΙPΙ	TATION AT ACCIDENT	SITE		
	GROUND		CIDENT SITE		Т			WEATHER CONDITIONS MINIMUMS			
	TYPE OF NONE	FLIGHT PLAN									
	REMARKS-	· VFR APRTS NEARBY_HE	AVY GROUND FOG.RECOVE	RY DAT	6	/27	/77	•			

FILE	DATE	LOCATION	AIRCRAFT DATA	INJ	UR I E S			PILOT DATA
3∸3997	7/4/77 TIME - 20	FREESOIL, MI 101	PIPER PA-23 N4338P DAMAGE-DESTROYED				NONCOMMERCIAL BUSINESS	COMMERCIAL, FL.INSTR., AGE 23, 1607 TOTAL HOURS 43 IN TYPE, INSTRUMENT RATED.
		POINT						RATED.
	TYPE OF A	IAVEN, MI CCIDENT IE FAILURE IN FL	ESCANABA, MI				DF OPERATION LIGHT NORMAL CRUISE	
	PILOT I MISCELL FACTOR(S) MISCELL WEATHER MISCELL WEATHER B	N COMMAND - EXCE ANEOUS ACTS, COND - TURBULENCE, A - THUNDERSTORM ANEOUS ACTS, COND RIEFING - BRIEFE ORECAST - FORECA	INUED FLIGHT INTO KNOWN EDED DESIGNED STRESS LIM ITIONS - OVERLOAD FAILURI ITIONS - SEPARATION IN FI SSOCIATED W/CLOUDS AND/O ACTIVITY ITIONS - IMPROPERLY LOAD D BY FLIGHT SERVICE PERSI ST SUBSTANTIALLY CORRECT	ITS OF E IGHT R THUND ED AIRC	ERSI RAFI BY P	ORM -WE HON	S IGHT-AND/OR C.G.	
	OVERCAS	T/LOWER SCATTERE			4	000	AT ACCIDENT SITE	
		Y AT ACCIDENT SI OR LESS	T.E				ITATION AT ACCIDENT SIT DERSTORM, RAIN	TE .
	UNKNOWN	ONS TO VISION AT VNOT REPORTED LIGHT PLAN	ACCIDENT SITE				- WEATHER CONDITIONS DWN/NOT REPORTED	

FILE	DATE	LOCATION	AIRCRAFT DATA				PURPOSE		PILOT DATA
3-3994	9/24/77 TIME - 21		PIPER PA-28 N5194S DAMAGE-DESTROYED				NONCOMMERCIAL		STUDENT, AGE 47, 39 TOTAL HOURS, 20 IN TYPE, NOT INSTRUMENT RATED.
			INTENDED DESTINATION TROY • MI						
	TYPE OF A	CCIDENT	,	Ρŧ	HAS	E OF	OPERATION		
	COLLISI	ON WITH GROUND/WAT	TER UNCONTROLLED				GHT UNCONTROLLE	DESCENT	•
	FACTOR(S) WEATHER WEATHER B	- FNG	RD OF BRIEFING RECEIVED						
	SKY CONDI	TION		C	ETI	I NG	AT ACCIDENT SITE		
		/NOT REPORTED					N/NOT REPORTED		
	VISIBILIT ZERO	Y AT ACCIDENT SITE					ATION AT ACCIDENT N/NOT REPORTED	T SITE	
	OBSTRUCT I FOG	ONS TO VISION AT	ACCIDENT SITE	T	YPE IF		WEATHER CONDITION	NS	
	TYPE OF F	LIGHT PLAN							
	NONE								

		•	BRIEF	S OF A	CCI	DENT	S						
FILE	DATE	LOCATION	AIRCRAFT DATA			IES S M/	N .	FLIGHT PURPOSE	PILOT DATA				
3-1406	1/7/77 TIME - 1	ROCHESTER,MN 918	MITSUBISHI MU-2B N854Q DAMAGE-DESTROYED					ONCOMMERCIAL ORP/EXEC	COMMERCIAL, AGE 50, 8000 TOTAL HOURS, 4000 IN TYPE, INSTRUMENT RATED.				
	NAME OF AIRPORT - MUNICIPAL  DEPARTURE POINT INTENDED DESTINATION  ROCHESTER, MN LINCOLN, NE												
	TYPE OF ENGINE	ACCIDENT FAILURE OR MALFUNC			Р	TAK	EOFF	OPERATION  INITIAL CLIMB  INITIAL CLIMB					
	POWERP PILOT PILOT	STALL SPIN  PROBABLE CAUSE(S)  POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED											
	PILOT IN COMMAND - FAILED TO USTAIN/MAINTAIN FLYING SPEED FACTOR(S) PILOT IN COMMAND - MISUSED OR FAILED TO USE FLAPS WEATHER - LOW CEILING WEATHER - SNOW												
	WEATHER	BRIEFING - BRIEFED	ETE ENGINE FAILURE/FLA BY FLIGHT SERVICE PERS SUBSTANTIALLY CORRECT	ONNEL,									
	SKY COND OVERCA				С	EILI 300		T ACCIDENT SITE					
		TY AT ACCIDENT SITE LE OR LESS			Р	RECI SNO		TION AT ACCIDENT SI	ΓE				
	OBSTRUCT BLOWIN	IONS TO VISION AT A G SNOW	CCIDENT SITE	TEMPERATURE-F									
	WIND DIR 160	ECTION-DEGREES			W	IND 17	VELO	CITY-KNOTS					
	IFR	WEATHER CONDITIONS			Т	YPE IFR	OF F	LIGHT PLAN					
	REMARKS-	FLAPS FULL DOWN.											

FILE	DATE	LOCATION	AIRCRAFT DATA	ı	F	S M	/N			PILOT DATA
3-3157	6/22/77 TIME - 1	NR.WALKER,MN	PIPER PA-28 N55548 DAMAGE-DESTROYED	CR-	1	0	0	NONCOMMERCIAL		PRIVATE, AGE 45, 250 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
	DULUTH	, MN	NTENDED DESTINATION LONGVILLE,MN							
		ACCIDENT ION WITH GROUND/WATER	UNCONTROLLED					F OPERATION IGHT UNCONTROLLED	DESCENT	
	PILOT	CAUSE(S) IN COMMAND - CONTINUE IN COMMAND - SPATIAL (		VERSE N	νEΔ	THE	R C	ONDITIONS		
	WEATHE WEATHE WEATHE	R - LOW CEILING R - RAIN R - FOG								
	WEATHER	LANEOUS ACTS,CONDITION BRIEFING - BRIEFED BY FORECAST - FORECAST S	FLIGHT SERVICE PERS	ONNEL.						
	VISIBILI	N/NOT REPORTED TY AT ACCIDENT SITE				UN REC	KNO IPI	AT ACCIDENT SITE WN/NOT REPORTED TATION AT ACCIDENT	SITE	
	OBSTRUCT FOG	LE OR LESS IONS TO VISION AT ACC FLIGHT PLAN	DENT SITE		Т	RA YPE IF	OF	WEATHER CONDITION	S	
	NONE									
3-3053	8/30/77 TIME - 1	HENNING.MN 035	CESSNA 172M N64190 DAMAGE-DESTROYED					NONCOMMERCIAL PLEASURE/PERSONAL	TŖANŞP	PRIVATE, AGE 40, 134 TOTAL HOURS, 27 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTUR HENNIN									
		ACCIDENT ION WITH GROUND/WATER	UNCONTROLLED					F OPERATION IGHT UNCONTROLLED	DESCENT	
	PILOT PILOT FACTOR(S	CAUSE(S) IN COMMAND - INITIATER IN COMMAND - SPATIAL R ) R - LOW CEILING		WE AT HE F	R Ci	ÖND	ITI	ONS		
	WEATHE WEATHER	R - RAIN BRIEFING - BRIEFED BY FORECAST - UNKNOWN/NO		ONNEL,	вч	PH	ONE			
	SKY COND OVERCA					UN	KNO	AT ACCIDENT SITE WN/NOT REPORTED TATION AT ACCIDENT	ST TE	
	1/2 MI	LE OR LESS IONS TO VISION AT ACC	DENT SITE			DR	IZZ Era		31.6	
		WEATHER CONDITIONS			T		OF	FLIGHT PLAN		

FILE	DATE		AIRCRAFT DATA					PILOT DATA
	1/3/77	WIGGINS.MS	CESSNA 172 N12771 DAMAGE-DESTROYED					COMMERCIAL, FL.INSTR., AGE 47, 5172 TOTAL HOURS 2000 IN TYPE, INSTRUMENT RATED.
	DEPARTURE I TUPELO ME TYPE OF ACC	S	STONE CTY INTENDED DESTINATION WIGGINS,MS				F OPERATION IGHT LOW PASS	
	PILOT IN PILOT IN FACTOR(S) WEATHER WEATHER WEATHER BR WEATHER BR	COMMAND - MISJUD COMMAND - IMPROP COMMAND - BECAME - LOW CEILING - FOG IEFING - BRIEFED RECAST - WEATHER	OGED CLEARANCE PER IFR OPERATION LOST/DISORIENTED  BY FLIGHT SERVICE PERSO SLIGHTLY WORSE THAN FOR	RECAST		ONE		
	SKY CONDIT	TON			CETL	I NG	AT ACCIDENT SITE	
	OVERCAST		_		30	0		•
	VISIBILITY 4 MILES	AT ACCIDENT SITE	i e		PREC		TATION AT ACCIDENT SITE	
		NS TO VISION AT A	CCIDENT SITE			ER A	TUR E-F	
	_	TION-DEGREES			_		LOCITY-KNOTS	
		ATHER CONDITIONS			TYPE IF		FLIGHT PLAN	
		LT COLLIDED WITH	TREES WHILE ATTEMPTING	TOFIN			T BY VISUAL MEANS IN IFF	WX CONDITIONS.
3-3436	TIME - 170	R.LELAND.MS O RPORT - CLARK FAR	BELLANCA 7GCBC N36379 DAMAGE-DESTROYED RMS STRIP				NONCOMMERCIAL PLEASURE/PERSONAL TRANS	PRIVATE, AGE 24, 378 P TOTAL HOURS, 21 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE		INTENDED DESTINATION					•
	LELAND, MS TYPE OF AC STALL S	CIDENT	LOCAL				F OPERATION FF. INITIAL CLIMB	
			D TO OBTAIN/MAINTAIN FLY	YING SF	PEED			
	FACTOR(S) WEATHER	- TURBULENCE IN F	LIGHT, CLEAR AIR					
	SKY CONDIT	ION					AT ACCIDENT SITE	
		AT ACCIDENT SITE	<b>≛</b> ,		PREC		TATION AT ACCIDENT SITE	
		D/IINI TMTTED 1						
	5 OR OVE	R(UNLIMITED) NS TO VISION AT A	ACCIDENT SITE			.DI	RECTION-DEGREES	

ILE	DATE	LOCATION	AIRCRAFT DATA		S M/	N F	PURPOSE		PILOT DATA
3235	TIME - 21		N98039 DAMAGE-DESTROYED		2 0	O NONC			PRIVATE, AGE 47, 1200 TOTAL HOURS, 100 IN TYPE NOT INSTRUMENT RATED.
	DEPARTURE	POINT	INTENDED DESTINATION		LAST	ENROUTE	STOP		
	DALLAS.		DECATUR, AL			MINGHAM	-		
	TYPE OF A						RATION		
	COLLISI	ON WITH GROUND/WATER	R UNCONTROLLED		IN	FLIGHT	UNCONTROLLE	D DESCENT	
			ED FLIGHT IN ADVERSE DISORIENTATION	WEATHER	CONDI	TINNS			
	PILOT I PILOT I FACTOR(S) WEATHER MISCELL WEATHER B	N COMMAND - INITIAT N COMMAND - SPATIAL - LOW CEILING ANEOUS ACTS, CONDITION RIEFING - BRIEFED B	DISORIENTATION  DNS - PILOT FATIGUE / FLIGHT SERVICE PERS SUBSTANTIALLY CORRECT	ONNEL+					
	PILOT I PILOT I FACTOR(S) WEATHER MISCELL WEATHER B WEATHER F MISSING A SKY CONDI	N COMMAND - INITIATI N COMMAND - SPATIAL - LOW CEILING ANEOUS ACTS, CONDITION RIFEING - BRIEFED BY ORECAST - FORECAST IRCRAFT - LATER RECO	DISORIENTATION  DNS - PILOT FATIGUE / FLIGHT SERVICE PERS SUBSTANTIALLY CORRECT	ONNEL+	IN PER.	50N	ACCIDENT SITE		
	PILOT I PILOT I FACTOR(S) WEATHER MISCELL WEATHER B MEATHER F MISSING A SKY CONDI OVERCAS VISIBILIT	N COMMAND - INITIATI N COMMAND - SPATIAL - LOW CEILING ANEOUS ACTS, CONDITION RIFEING - BRIEFED BY ORECAST - FORECAST IRCRAFT - LATER RECO	DISORIENTATION  DNS - PILOT FATIGUE / FLIGHT SERVICE PERS SUBSTANTIALLY CORRECT	ONNEL+	IN PER. CEILII	SON NG AT A	ACCIDENT SITE		
	PILOT I PILOT I PACTOR(S) WEATHER MISCELL WEATHER F MISSING A SKY CONDI OVERCAS VISIBILIT 5 OR OV OBSTRUCTI	N COMMAND - INITIATIN COMMAND - SPATIAL  - LOW CEILING ANEOUS ACTS.CONDITI RIFFING - BRIFFED B' ORECAST - FORECAST IRCRAFT - LAFER RECO	DISORIENTATION  ONS - PILOT FATIGUE / FLIGHT SERVICE PERS SUBSTANTIALLY CORRECT OVERED	ONNEL+	IN PER.  CEILII 900 PRECII NON TEMPE	SON NG AT A	ON AT ACCIDEN		
	PILOT I PILOT I FACTOR(S) WEATHER MISCELL WEATHER B MISSING A SKY CONDI OVERCAS VISIBILIT 5 OR OV OBSTRUCTI	N COMMAND - INITIATIN COMMAND - SPATIAL  - LOW CEILING ANEOUS ACTS.CONDITION RIEFING - BRIEFED BY ORECAST - FORECAST IRCRAFT - LATER RECO TION T Y AT ACCIDENT SITE ER (UNLIMITED) ONS TO VISION AT ACC	DISORIENTATION  ONS - PILOT FATIGUE / FLIGHT SERVICE PERS SUBSTANTIALLY CORRECT OVERED	ONNEL+	IN PER CEILI 900 PRECII NON TEMPE 73	SON NG AT A PITATIC E RATURE-	ON AT ACCIDEN		
	PILOT I PILOT I FACTOR(S) WEATHER MISCELL WEATHER B MISSING A SKY CONDI OVERCAS VISIBILIT 5 OR OV OBSTRUCTI NONE WIND DIRE	N COMMAND - INITIATIN COMMAND - SPATIAL  - LOW CEILING ANEOUS ACTS, CONDITION RIFFING - BRIEFED BY ORECAST - FORECAST IRCRAFT - LATER RECO	DISORIENTATION  ONS - PILOT FATIGUE / FLIGHT SERVICE PERS SUBSTANTIALLY CORRECT OVERED	ONNEL+	IN PER CEILI 900 PRECII NON TEMPE 73	SON NG AT A PITATIC E RATURE-	ON AT ACCIDEN		

			BRIEF	S OF ACCID	EN TS	·	
FILE	DATE	LOCATION	AIRCRAFT DATA			FLIGHT PURPOSE	PILOT DATA
3-3653	TIME - 13  DEPARTURE LAUREL+ TYPE OF A	POINT MS CCCIDENT	CESSNA 150 N6677G DAMAGE-DESTROYED INTENDED DESTINATION OXFORD.MS ER UNCONTROLLED	PX 0 PH	O O	NONCOMMERCIAL BUSINESS  OF OPERATION LIGHT UNCONTROLLED D	TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
	PILOT I FACTOR(S) WEATHER WEATHER WEATHER B	N COMMAND - CONTIN N COMMAND - SPATIA - RAIN - THUNDERSTORM AC RIEFING - BRIEFED					
	VISIBILIT 1/4 MIL OBSTRUCTI FOG	TION TI/LOWER SCATTERED Y AT ACCIDENT SITE E OR LESS ONS TO VISION AT A	CCIDENT SITE	PR TE	800 ECIPI RAIN, MPERA 66	S AT ACCIDENT SITE  ITATION AT ACCIDENT S THUNDERSTORM ATURE-F ELOCITY-KNOTS	I TE

FILE	DATE		AIRCRAFT DATA		F	S M	'N	PURPOSE		PILOT DATA
3-0939	2/26/77 SF TIME - 1428 DEPARTURE POI JOPLIN.MO TYPE OF ACCID	RINGFIELD.MO	BEECH D50E N9950R DAMAGE-DESTROYED INTENDED DESTINATION BIRMINGHAM+AL ER CONTROLLED	CR-	.2 4	0 0 HASI	0			COMMERCIAL, AGE 40, 3501 TOTAL HOURS, 8 IN TYPE, INSTRUMENT RATED.
	PILOT IN CO MISCELLANED FACTOR(S) MISCELLANED WEATHER - I WEATHER BRIEF	MMAND - INADEQUIMMAND - IMPROP US ACTS, CONDIT US ACTS, CONDIT CING CONDITION ING - BRIEFED	JATE PREFLIGHT PREPARA ER IN-FLIGHT DECISIONS IONS - AIRFRAME ICE IONS - IMPROPERLY LOAD S-INCLUDES SLEET, FREE BY FLIGHT SERVICE PERS SUBSTANTIALLY CORRECT	OED AIR	OR PLANNING  ED AIRCRAFT-WEIGHT-AND/OR C.G. ING RAIN, ETC.					
	2 MILES OR OBSTRUCTIONS FOG WIND DIRECTIO 350 TYPE OF WEATH IFR	ACCIDENT SITE LESS TO VISION AT A IN-DEGREES SER CONDITIONS	CCIDENT SITE K GWT.UN MAINTAIN FLT		P T	400 REC RA EMPE 34 IND 14	PI N RA VE	AT ACCIDENT SITE TATION AT ACCIDENT TURE-F LOCITY-KNOTS FLIGHT PLAN	SITE	

FILE	DATE	LOCATION	AIRCRAFT DATA	F	URIES S		PURPOSE		PILOT DATA .		
		NR.POPLAR BLUFF,MO	PIPER PA-25 N4995Y DAMAGE-DESTROYED	CR-					COMMERCIAL, AGE 28, 1733 TOTAL HOURS, 1362 IN TYPE, NOT INSTRUMENT RATED.		
			INTENDED DESTINATION								
	POPLAR B		LOCAL								
	TYPE OF ACCIDENT PHASE OF OPERATION  COLLIDED WITH WIRES/POLES IN FLIGHT PULLUP FROM SWATH RUN										
	COLLIDE	MIKE21 MIKE2			11	1 FL	IGHT PULLUP	FRUM SWATH	RUN		
	TERRATA										
	WEATHER	N - HIGH OBSTRUCTION R - OBSTRUCTIONS TO N BRIEFING - UNKNOWN/N	/ISION								
	WEATHER BEATHER B	R - OBSTRUCTIONS TO V BRIEFING - UNKNOWN/N	/ISION				AT ACCIDENT	SITE			
	WEATHER WEATHER B SKY CONDI CLEAR	C - OBSTRUCTIONS TO N BRIEFING - UNKNOWN/N TION	/ISION		U	NLIM	I TED				
	WEATHER WEATHER B SKY CONDI CLEAR VISIBILIT	R - OBSTRUCTIONS TO VERIEFING - UNKNOWN/NO TION Y AT ACCIDENT SITE	/ISION		UN PRE	ILIM CIPI			:		
	WEATHER B WEATHER B SKY CONDI CLEAR VISIBILIT 4 MILES	C - OBSTRUCTIONS TO N BRIEFING - UNKNOWN/N TION	ISION DT REPORTED		PREC NC	NLIM CIPI ONE	I TED	CIDENT SITE	:		
	WEATHER B WEATHER B SKY CONDI CLEAR VISIBILIT 4 MILES	R - OBSTRUCTIONS TO N RIEFING - UNKNOWN/NI TION Y AT ACCIDENT SITE OR LESS	ISION DT REPORTED		PREC NC	LIM CIPI ONE OF	ITED TATION AT AC	CIDENT SITE	:		
	WEATHER BEATHER BEATHE	R - OBSTRUCTIONS TO N RIEFING - UNKNOWN/NI TION Y AT ACCIDENT SITE OR LESS	ISION DT REPORTED		UN PREC NC TYPE	LIM CIPI ONE OF	ITED TATION AT AC	CIDENT SITE	:		
	WEATHER WEATHER B SKY CONDI CLEAR VISIBILIT 4 MILES OBSTRUCTI HAZE TYPE OF F	R — OBSTRUCTIONS TO NORTH TO STRIEFING — UNKNOWN/NORTH TO NORTH TO N	ISION DT REPORTED		UN PREC NC TYPE	LIM CIPI ONE OF	ITED TATION AT AC	CIDENT SITE			
	WEATHER WEATHER BEATHER BEATHE	R — OBSTRUCTIONS TO NORTH TO STRIEFING — UNKNOWN/NORTH TO NORTH TO N	VISION OT REPORTED CIDENT SITE		UN PREC NC TYPE VF	NLIM CIPI ONE E OF	ITED TATION AT AC	CIDENT SITE			
	WEATHER WEATHER BY CONDICUEAR VISIBILITY A MILES OBSTRUCTI HAZE TYPE OF F NONE SPECIAL D TOTAL H KIND OF	R - OBSTRUCTIONS TO NORIEFING - UNKNOWN/NI  TION  Y AT ACCIDENT SITE OR LESS  ONS TO VISION AT ACCIDENT PLAN  OLIGHT PLAN  OURS IN CROP CONTROL  CROP - GRAIN FIELD	VISION OT REPORTED  CIDENT SITE  L - 1362		PREC NO TYPE VE	NLIM CIPI DNE OF ER IND YPE	ITED TATION AT AC .WEATHER CON OF OPERATION OF CHEMICAL	CIDENT SITE DITIONS  - SPRAYING USED - LIGU			
	WEATHER BEATHER BEATHE	R - OBSTRUCTIONS TO NORIEFING - UNKNOWN/NI  TION  Y AT ACCIDENT SITE OR LESS ONS TO VISION AT ACCIDENT PLAN  OATA OURS IN CROP CONTROL	OISION OT REPORTED  CIDENT SITE  L - 1362 S WARD OF PILOT		PREC NO TYPE VE K:	NLIM CIPI DNE OF ER IND YPE ERRA	ITED TATION AT AC .WEATHER CON OF OPERATION	CIDENT SITE DITIONS  - SPRAYING USED - LIQU VEL+FLAT	CROPS ID CHEMICAL-TOXIC		

LE	DATE	LOCATION	AIRCRAFT DATA			IES S M.				PILOT DATA		
974	10/25/77 TIME - 060	LAMAR,MO O	PIPER PA-28 N7983N DAMAGE-DESTROYED	CR- PX-	1	0	0	NONCOMMERCIAL PLEASURE/PERSONAL	TRANSP	STUDENT, AGE 38, UNK/NR TOTAL HOURS, 56 IN TYPE NOT INSTRUMENT RATED.		
		RPORT - LAMAR MUNI										
	LAMAR MO	-	NTENDED DESTINATION TULSA+OK									
	TYPE OF AC		10234708		Pi	HASI	= ne	OPERATION				
	COLLISIO	N WITH GROUND/WATER	UNCONTROLLED			IN	FL1	GHT UNCONTROLLED	DESCENT			
	FACTOR(S) WEATHER WEATHER WEATHER BR	IEFING - BRIEFED BY	FLIGHT SERVICE PERSON	ONNE L +	вч	PHO	NE					
	SKY CONDIT	ION			С	EIL	ING	AT ACCIDENT SITE				
	OVERCAST					600						
		AT ACCIDENT SITE			PI		-	TATION AT ACCIDENT	SITE			
		R (UNLIMITED)	IDENT SITE		т	10N DAME		TIDE_E				
	FOG	OBSTRUCTIONS TO VISION AT ACCIDENT SITE					TEMPERATURE-F 59					
	WIND DIREC	WIND DIRECTION-DEGREES				WIND VELOCITY-KNOTS						
						4						
	300	ATHER CONDITIONS						FLIGHT PLAN				

FILE	DATE	LOCATION	AIRCRAFT DATA		FLIGHT PURPOSE	PILOT DATA
3-4142	DEPARTURE HIGGINS TYPE OF A COLLIDE PROBABLE PILOT I PILOT I FACTOR(S)	E POINT SVILLE, MO ACCIDENT ED WITH TREES CAUSE(S) IN COMMAND - INADE IN COMMAND - CONTI	CESSNA 210L N29161 DAMAGE-DESTROYED INTENDED DESTINATION BIRMINGHAM,AL  COUATE PREFLIGHT PREPARA' NUED VFR FLIGHT INTO ADV	PX- 0 0 0  LAST EN  ODESS  PHASE O  IN FL  TION AND/OR PLA  FERSE WEATHER C	AIR TAXI-PASSG  ROUTE STOP A,MO F OPERATION IGHT NORMAL CRUISE  NNING	COMMERCIAL, AGE 50, 2579 TOTAL HOURS, 795 IN TYPE INSTRUMENT RATED.
	WEATHER B	BRIEFING - BRIEFE	D BY FLIGHT SERVICE PERSO S SLIGHTLY WORSE THAN FOR			
	UNKNOWN OBSTRUCTI GROUND TYPE OF W IFR	ST TY AT ACCIDENT SIT N/NOT REPORTED CONS TO VISION AT FOG FOG FEATHER CONDITIONS	ACCIDENT SITE	UNKNO PRECIPI NONE TEMPERA 57 TYPE OF NONE	FLIGHT PLAN	

 DATE LOCATION		F S M/N	FLIGHT PURPOSE	PILOT DATA
12/8/77 FORDLAND,MO TIME - 1215  DEPARTURE POINT SALT LAKE CITY,UT TYPE OF ACCIDENT AIRFRAME FAILURE IN FLIC	PIPER PA-28R N38775 DAMAGE-DESTROYED INTENDED DESTINATION LEXINGTON•KY	CR- 1 0 0 PX- 1 0 0  LAST ENR UNKNOWN PHASE OF	NONCOMMER C I A L	PRIVATE, AGE 22, 123 P TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
PROBABLE CAUSE(S) PILOT IN COMMAND - CONTIN PILOT IN COMMAND - SPATIL PILOT IN COMMAND - EXCEED FACTOR(S) AIRFRAME - FLIGHT CONTROL MISCELLANEOUS ACTS.CONDIN MISCELLANEOUS ACTS.CONDIN WEATHER - LOW CEILING WEATHER BRIEFING - BRIEFED WEATHER FORECAST - FORECAST	AL DISORIENTATION DED DESIGNED STRESS LIM! SURFACES ELEVATOR ASSITIONS — OVERLOAD FAILURE TIONS — SEPARATION IN FL BY FLIGHT SERVICE PERSO	ITS OF AIRCRAFT SEMBLY•ATTACHMEN E IGHT	ITS	
SKY CONDITION  SCATTERED VISIBILITY AT ACCIDENT SITE 2 MILES OR LESS OBSTRUCTIONS TO VISION AT A FOG WIND DIRECTION—DEGREES 150 TYPE OF WEATHER CONDITIONS IFR		400 PRECIPIT RAIN TEMPERAT 39 WIND VEL 13	AT ACCIDENT SITE ATION AT ACCIDENT SITE URE-F OCITY-KNOTS FLIGHT PLAN	

FILE	DATE	LOCATION	AIRCRAFT DATA	INJUR F	IES S M/N			PILOT DATA
3-4023	TIME - 2135		CESSNA 177B N34769 DAMAGE-SUBSTANTIAL			NONCOMMERCIAL Pleasure/personal		PRIVATE, AGE 53, 780 TOTAL HOURS, 730 IN TYPE NOT INSTRUMENT RATED.
	NAME OF AIRP DEPARTURE PO HIGGINSVIL		CITY NTENDED DESTINATION GRAIN VALLEY,MO					
	TYPE OF ACCI		,	Р		OF OPERATION LIGHT LOW PASS	•	
	PILOT IN C PILOT IN C WEATHER WEATHER BRIE	OMMAND - INADEQUA OMMAND - IMPROPER OMMAND - CONTINUE FOG FING - NO RECORD	TE PREFLIGHT PREPARAT IN-FLIGHT DECISIONS D VFR FLIGHT INTO ADV	OR PLANN	ING			
	SKY CONDITIO	CAST - UNKNOWN/NO	. REPURIED	c	EILIN	S AT ACCIDENT SITE		
	OBSCURATION AVISIBILITY AT 1/4 MILE OF	T ACCIDENT SITE		. Р		OWN/NOT REPORTÉD ITATION AT ACCIDENT	SITE	
		TO VISION AT ACC	IDENT SITE	W		ELOCITY-KNOTS		
	TYPE OF WEAT	HER CONDITIONS		Ţ	YPE OF	FLIGHT PLAN		
<del>-</del> 1205	6/4/77 L TIME - 1845		PIPER PA-28 N1176H DAMAGE-DESTROYED			NONCOMMERCIAL PLEASURE/PERSONAL	. TRANSP	PRIVATE, AGE 23, 60 TOTA HOURS, 50 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE PO		NTENDED DESTINATION LOCAL					•
	COLLIDED W	DENT VITH DIRT BANK		Р		OF OPERATION OFF RUN		
	PILOT IN C	OMMAND - ATTEMPTE	D OPERATION BEYOND EX UNSUITABLE TERRAIN O ABORT TAKEOFF	(PER IENCE	/ABIL	ITY LEVEL	•	
	TERRAIN -	HIGH DENSITY ALTI HIGH VEGETATION						
			OF BRIEFING RECEIVED	_	- T. T.	AT ACCIDENT SITE		
	SKY CONDITION BROKEN	T ACCIDENT SITE			2500	3 AT ACCIDENT SITE O Itation at accident	STTE	
	5 OR OVER	UNLIMITED) TO VISION AT ACC	IDENT SITE		NONE		31,-	
٠	NONE TYPE OF WEAT	HER CONDITIONS	· · · · · · · · · · · · · · · · · · ·		90 YPE O	FLIGHT PLAN		
	VFR FIRE AFTER 1		D COUNTRY RD.RAN OFF	DD THRU	NONE		: COLL ES	DENC ALT STORET

FILE	DATE	LOCATION	AIRCRAFT DATA	IN	JURIE S			IGHT IRPOSE		PILOT DATA		
3796	TIME - 064	ANACONDA,MT	GRUM AMER AA-5A N9968U DAMAGE-DESTROYED	CR- PX-	-	_		LLANEOUS H AND RESCU		PRIVATE, AGE 33, 194 TOTAL HOURS, 79 IN TYPE NOT INSTRUMENT RATED.		
	DEPARTURE POINT INTENDED DESTINATION ANACONDA•MT LOCAL											
		•	LOCAL		D. I			ATTON				
	TYPE OF AC		R UNCONTROLLED				OF OPER	.A I IUN UNCON TROLLE	n nescent			
	COLLISIO	N WITH GROUND/WATE	K UNCONTRUCCE!			IV F	.1601	ONCON INCLE	D DESCENT			
	PROBABLE O	CAUSE(S)										
	PROBABLE CAUSE(S)											
		N COMMAND - SPATIAL	DISORIENTATION									
	FACTOR(S)											
	WEATHER		OF BRIEFING RECEIVED									
		RCRAFT - LATER REC										
	11331W3 A1	INCRAFI - LATER REC								•		
	SKY CONDIT	TION .			CE	LIN	AT AC	CIDENT SITE				
	OBSCURAT	TION			(							
	VISIBILITY	AT ACCIDENT SITE			PRE	CIP	I TATION	AT ACCIDEN	IT SITE			
	1/4 MILE	OR LESS .	•			ONE						
	OBSTRUCTION FOR	ONS TO VISION AT AC	CIDENT SITE			E OI FR	WEATH	ER CONDITIO	INS			
	TYPE OF FL NONE	IGHT PLAN										
	FIRE AFTER	RIMPACT										
	REMARKS- 1	TKOF IN DARKNESS.HE	AVY FOG VICINITY OF A	RPT_CR	ASHE	AF	TER TKO	F IN DESCEN	IDING RT T	URN.FND 12/30/77.		

-			311221	0 (3) /100	100				•
FILE	DATE		AIRCRAFT DATA	F	S M,	N	PURPOSE		PILOT DATA
	10/23/77 TIME - 0210	PIERCE•NE O	GRUMANN AA-5A N9762U DAMAGE-DESTROYED INTENDED DESTINATION	CP- 1	٥	O NO	NCOMMERCIAL		
	COLLISION		R UNCONTROLLED			_	OPERATION HT UNCONTROLLED	DESCENT	
	WEATHER - WEATHER - WEATHER BRI	- LOW CEILING - FOG IEFING - NO RECORD RECAST - FORECAST	OATE PREFLIGHT PREPARA  OF BRIEFING RECEIVED SUBSTANTIALLY CORRECT				NG		
	OVERCAST VISIBILITY 4 MILES ( OBSTRUCTION	AT ACCIDENT SITE	CIDENT SITE		500 PRECI DRI TEMPE		TION AT ACCIDENT	SITE	
	100	TION-DEGREES ATHER CONDITIONS			7	OF FL	ITY-KNOTS IGHT PLAN		

FILE	DATE LOCATION	AIRCRAFT DATA	INJ!	UR I E S	S M/N	FLIGHT PURPOSE	•	PILOT DATA
-3622	10/23/77 BLAIR.NE TIME - 1430	PIPER PA-28 N55184 DAMAGE-DESTROYED	CR- PX-	1 (	0 0	NONCOMMERCIAL PLEASURE/PERSONAL	TRANSP	PRIVATE, AGE 41, 109 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIRPORT - BLAIR MU							
	DEPARTURE POINT BLAIR,NE							
	TYPE OF ACCIDENT AIRFRAME FAILURE IN FLI					F OPERATION IGHT UNCONTROLLED	DESCENT	
	PROBABLE CAUSE(S) PILOT IN COMMAND - INITI PILOT IN COMMAND - SPATI PILOT IN COMMAND - EXCEE	AL DISORIENTATION						
	FACTOR(S)  WEATHER - LOW CEILING MISCELLANEOUS ACTS, CONDI WEATHER BRIEFING - NO RECO WEATHER FORECAST - FORECAS	TIONS - SEPARATION IN FU RD OF BRIEFING RECEIVED						
	SKY CONDITION OVERCAST				LING	AT ACCIDENT SITE		
	VISIBILITY AT ACCIDENT SIT			١	IONE	TATION AT ACCIDENT	SITE	
				TF N	1P ER A	TURE-F		
	OBSTRUCTIONS TO VISION AT	ACCIDENT SITE		_	÷8			
		ACCIDENT SITE		4	ID VE	LOCITY-KNOTS		

FILE	DATE LO	DCATION	AIRCRAFT DATA		F	S M/h	PURPOSE	PILOT DATA
	/24/77 NR.ELKO. IME - 1422		PIPER PA-24	CR-	1	0 (	) MISCELLANEOUS ) UNKNOWN/NOT REPORTED	PRIVATE, AGE 45, 580 TOTAL HOURS, UNK/NR I TYPE, NOT INSTRUMENT RATED.
· D	AME OF AIRPORT - EPARTURE POINT SALT LAKE CITY YPE OF ACCIDENT AIRFRAME FAILUF	,UT	TENDED DESTINATION RENO, NV				OF-OPERATION LIGHT OTHER	
W W	ACTOR(S) MISCELLANEOUS / MISCELLANEOUS / WEATHER - LOW ( WEATHER - SNOW EATHER BRIEFING EATHER FORECAST	ACTS, CONDITION ACTS, CONDITION CEILING - BRIEFED BY	DESIGNED STRESS LIM  IS - OVERLOAD FAILUR  IS - SEPARATION IN F  FLIGHT SERVICE PERS  IBSTANTIALLY CORRECT	E L·I GHT	, BY	PHON	NE	
v	KY CONDITION OVERCAST ISIBILITY AT ACC 1/2 MILE OR LES BYTHE TO NONE IND DIRECTION—DO	SS VISION AT ACCI	DENT SITE		P.	2500 RECIF SNOV EMPER 310	NG AT ACCIDENT SITE  OTTATION AT ACCIDENT SITE  N SHOWERS  NATURE—F  OF WEATHER CONDITIONS	

FILE		LOCATION	AIRCRAFT DATA	IN	JUR] F	IES S M	/N	FLIGHT PURPOSE		PILOT DATA
3-1825	5/6/77 TIME - 1 DEPARTUR	NR.WELLS.NV 1630 RE POINT	CESSNA 320C N3044T DAMAGE-DESTROYED INTENDED DESTINATION	CR- PX-	1	0	0	NONCOMMERCIAL PLEASURE/PERSONAL		PRIVATE, AGE 51, 777 TOTAL HOURS, 17 IN TYPE, NOT INSTRUMENT RATED.
	TYPE OF	AKE CITY•UT ACCIDENT SION WITH GROUND/WATE	PORTLAND, OR  R CONTROLLED					F OPERATION IGHT NORMAL CRUIS	iΕ	
	PILOT FACTOR(S TERRAI WEATHE WEATHER	;) N - HIGH OBSTRUCTION R - LOW CEILING R - FOG BRIEFING - BRIEFED B	ED VFR FLIGHT INTO AD S Y FLIGHT SERVICE PERS SUBSTANTIALLY CORRECT	ONNEL,						
		ST TY AT ACCIDENT SITE			PF	10 EC	O IPI	AT ACCIDENT SITE	SITE	
	OBSTRUCT FOG	LE OR LESS TONS TO VISION AT AC FLIGHT PLAN	CIDENT SITE		TA		OF	WN/NOT REPORTED WEATHER CONDITION	IS	
	NONE FIRE AFT	ER IMPACT	TRRN DRNG PLTS ATTMP	TO RVR	s cc	UR	SE.			
								·		
3-2176	7/22/77 TIME - 2	JACKPOT, NV 240	PIPER PA-28 N5438F DAMAGE-DESTROYED	CR- PX-	3	0	0	NONCOMMERCIAL PLEASURE/PERSONAL	TRANSP	PRIVATE, AGE 36, 70 TOTAL HOURS, 5 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTUR JACKPO	T • NV	INTENDED DESTINATION BURLEY,ID.							
		ACCIDENT SION WITH GROUND/WATE	R UNCONTROLLED					F OPERATION . FF INITIAL CLIMB		
	PILOT FACTOR(S	CAUSE(S) IN COMMAND - SPATIAL ;) R - RAIN	DISORIENTATION			,		·		
	VISIBILI	DITION IN/NOT REPORTED ITY AT ACCIDENT SITE IN/NOT REPORTED	·		PF	UN	KNO IPI	AT ACCIDENT SITE WN/NOT REPORTED TATION AT ACCIDENT LE	SITE	
	OBSTRUCT UNKNOW	TIONS TO VISION AT ACTIONS TO REPORTED WEATHER CONDITIONS	CIDENT SITE		W I	ND CA	VE LM OF	FLIGHT PLAN		
	REMARKS-	- DARK NIGHT+LIGHT DR	IZZLE.							

FILE	DATE	LOCATION	AIRCRAFT DATA				FLIGHT N PURPOSE		PILOT DATA			
3-2048	7/31/77 TIME - 0	NR.RENO.NV 910	CESSNA 182P N70080 DAMAGE-SUBSTANTIAL	CR- PX-				AL TRANSP	PRIVATE, AGE 31, 195 TOTAL HOURS, 63 IN TYPE NOT INSTRUMENT RATED.			
	DEPARTUR RENO.NV	E POINT	INTENDED DESTINATION									
	TYPE OF		CONCORD+CA			IACE	OF OPERATION					
		ED WITH TREES					LIGHT CLIMB TO C	RUISE				
		·										
	PROBABLE	CAUSE(S)										
			PER IN-FLIGHT DECISIONS			NG						
	PILOT IN COMMAND - MISJUDGED DISTANCE, SPEED, AND ALTITUDE											
	FACTOR (S	)										
	WEATHE	R - HIGH DENSITY A		TION A	ND/0	IR PL	ANNING					
	WEATHE WEATHE	R - HIGH DENSITY AND PROPERTY OF THE RESERVE OF THE	LTITUDE			_						
	WEATHE WEATHE	R - HIGH DENSITY AL R - DOWNDRAFT, UPDRA BRIEFING - BRIEFED	LTITUDE AFTS		ву	PHON		E				
	WEATHE WEATHE WEATHER	R - HIGH DENSITY A R - DOWNDRAFT, UPDR BRIEFING - BRIEFED ITION	LTITUDE AFTS		ву	PHON	NE NG AT ACCIDENT SIT	E .				
	WEATHE WEATHER WEATHER SKY COND BROKEN VISIBILI	R - HIGH DENSITY AND ALL AND ALL AND ALL AND ALL ALL ALL ALL ALL ALL ALL ALL ALL AL	LTITUDE AFTS BY FLIGHT SERVICE PERS		BY CE	PHON ILIN 2500	NE NG AT ACCIDENT SIT					
	WEATHE WEATHER WEATHER SKY COND BROKEN VISIBILI 5 OR O	R - HIGH DENSITY AL R - DOWNDRAFT, UPDRA BRIEFING - BRIEFED ITION TY AT ACCIDENT SITE VER(UNLIMITED)	LTITUDE AFTS BY FLIGHT SERVICE PERS	ONNEL,	BY CE PF	PHON 2500 ECIP NONE	IE IG AT ACCIDENT SIT O PITATION AT ACCIDE :					
	WEATHE WEATHER SKY COND BROKEN VISIBILI 5 OR O OBSTRUCT	R - HIGH DENSITY AND ALL AND ALL AND ALL AND ALL ALL ALL ALL ALL ALL ALL ALL ALL AL	LTITUDE AFTS BY FLIGHT SERVICE PERS	ONNEL,	BY CE PE	PHON 2500 ECIP NONE	NE NG AT ACCIDENT SIT NO PITATION AT ACCIDE					
	WEATHE WEATHER SKY COND BROKEN VISIBILI 5 OR O OBSTRUCT NONE	R - HIGH DENSITY AND	LTITUDE AFTS BY FLIGHT SERVICE PERS	ONNEL,	BY CE PF	PHON 2500 RECIP NONE MPER 87	NE NG AT ACCIDENT SIT NO NITATION AT ACCIDE RATURE-F					
	WEATHE WEATHER SKY COND BROKEN VISIBILI 5 OR O OBSTRUCT NONE WIND DIR	R - HIGH DENSITY AL R - DOWNDRAFT, UPDRA BRIEFING - BRIEFED ITION TY AT ACCIDENT SITE VER(UNLIMITED)	LTITUDE AFTS BY FLIGHT SERVICE PERS	ONNEL,	BY CE PF	PHON 2500 ECIP NONE MPER 87	IE IG AT ACCIDENT SIT O PITATION AT ACCIDE :					
	WEATHE WEATHER SKY COND BROKEN VISIBILI 5 OR O OBSTRUCT NONE WIND DIR 320	R - HIGH DENSITY AND	LTITUDE AFTS BY FLIGHT SERVICE PERS  E ACCIDENT SITE	ONNEL,	BY CE PF TE	PHON 2500 ECIP NONE MPER 87 ND V	NE  NG AT ACCIDENT SIT  NO  PITATION AT ACCIDE  RATURE—F  VELOCITY—KNOTS					
	WEATHE WEATHER SKY COND BROKEN VISIBILI 5 OR O OBSTRUCT NONE WIND DIR 320	R - HIGH DENSITY AND	LTITUDE AFTS BY FLIGHT SERVICE PERS  E ACCIDENT SITE	ONNEL,	BY CE PF TE W1	PHON 2500 ECIP NONE MPER 87 ND V	NE NG AT ACCIDENT SIT NO NITATION AT ACCIDE RATURE-F					

FILE	DATE	LOCATION	AIRCRAFT DATA	IN.	JURI S		N	FLIGHT PURPOSE		PILOT DATA
3-3358	DEPARTURE NO.LAS V TYPE OF A	POINT EGAS NV	REPUBLIC RC-3 N6734K DAMAGE-DESTROYED INTENDED DESTINATION FRESNO+CA	PX-	1 PH	o Ase	0 PI	DPERATION  TO CHIMB TO CRUI		PRIVATE, AGE 41, 98 TOTAL HOURS, 39 IN TYPE, NOT INSTRUMENT RATED.
	PILOT I PILOT I MISCELL FACTOR(S) TERRAIN WEATHER	N COMMAND - IMPROPE ANEOUS ACTS,CONDITI ) I - HIGH OBSTRUCTION R - HIGH DENSITY ALT		OR PLA	I I	۱G		I NG		
	5 OR ON OBSTRUCTI NONE WIND DIRE 350	RED IY AT ACCIDENT SITE VER(UNLIMITED) ONS TO VISION AT AC CTION-DEGREES VEATHER CONDITIONS	CIDENT SITE		PRI TE WII	JNL ECII NON MPE 73 ND	IMITO PITA E RATUO VELOO DF FO	TION AT ACCIDENT	SITE	
s <del>-</del> 3668		NR.TONOPAH.NV	HOWARD DGA-6 N273Y					ISCELLANEOUS IR SHOW/RACING		AIRLINE TRANSPORT, AGE 38, 8207 TOTAL HOURS, 28
	DEPARTURE TONOPAH, TYPE OF A	NV	DAMAGE-DESTROYED  INTENDED DESTINATION LOCAL  R CONTROLLED					OPERATION HT OTHER		IN TYPE, INSTRUMENT RATED.
	FACTOR(S)	N COMMAND - MISJUDG								
	5 OR OV OBSTRUCTI NONE	Y AT ACCIDENT SITE VER(UNLIMITED) ONS TO VISION AT AC	CIDENT SITE		PRI WII	JNL CII NON ND 1 L70	IMITI PITA E DIREC	TION AT ACCIDENT	•	
	25 TYPE OF F NONE FIRE AFTE		KING SPEED RUN AT APP	X 10 F	,	/FR		EATHER CONDITIONS		OT LEFT CROSS.

		<u> </u>	BRIEFS	OF A	ACC	IDEN	TS			
FILE	DATE	LOCATION	AIRCRAFT DATA	I				FLIGHT PURPOSE		PILOT DATA
3-1281	7/9/77 TIME - 1241	OCEAN CITY,NJ 1	PIPER PA-28 N42570 DAMAGE-SUBSTANTIAL					NONCOMMERCIAL PLEASURE/PERSONAL		STUDENT, AGE 43, 40 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
		RPORT - OCEAN CIT POINT	Y . INTENDED DESTINATION							
			UNKNOWN/NOT REPORTED							
	TYPE OF ACC				- 1	PHAS	E 0	F OPERATION		
	COLLISIO	N WITH GROUND/WAT	ER UNCONTROLLED			IN	FL	IGHT UNCONTROLLED	DESCENT	Г
	PILOT IN FACTOR(S) WEATHER - WEATHER -	COMMAND - CONTIN COMMAND - SPATIA - LOW CEILING - RAIN	UED VFR FLIGHT INTO ADV L DISORIENTATION IONS - AIRCRAFT CAME TO							
	SKY CONDITI				(	CE I L		AT ACCIDENT SITE		
		AT ACCIDENT SITE			١		IP I	TATION AT ACCIDENT	T SITE	
	OBSTRUCTION FOG	NS TO VISION AT A	CCIDENT SITE		(		VE	LOCITY-KNOTS		
		ATHER CONDITIONS						FLIGHT PLAN		
	IFR					NO	NE			

	DATE	LOCATION	AIRCRAFT DATA		F	RIES S M	/N	PURPOSE	PILOT DATA		
	10/26/77 TIME - 1341	RANDOLPH•NJ L	PIPER PA-28 N3QA DAMAGE-DESTROYED	CR-	1	0	0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 45, 533		
		RPORT - FLANDERS	INTENDED DESTINATION					-			
	WELLSBORO,PA TETERBORO,NJ TYPE OF ACCIDENT PHASE OF OPERATION										
	COLLIDED WITH WIRES/POLES IN FLIGHT NORMAL CRUISE										
	PROBABLE CA		•								
	FACTOR(S) WEATHER WEATHER WEATHER WEATHER BRI WEATHER FOR	- LOW CEILING - RAIN - FOG IEFING - NO RECORI RECAST - UNKNOWN/	DED VFR FLIGHT INTO AD  O OF BRIEFING RECEIVED  NOT REPORTED								
	OBSCURATI				С	30.		AT ACCIDENT SITE			
		AT ACCIDENT SITE			Р		-	TATION AT ACCIDENT SITE			
	3/4 MILE				•	DR					
,		NS TO VISION AT A	CCIDENT SITE		Т		OF	WEATHER CONDITIONS			
	TYPE OF FL	IGHT PLAN									
	FIRE AFTER	IMPACT .							•		
	REMARKS- AC	CFT HAD ELT ANTENI	NA INSTALLED, HOWEVER E	LT WAS	NO	)T F	OUN	D.HIT SUPPORTING CABLE AB	T 300FT AGL.		

FILE	DATE	LOCATION .	AIRCRAFT DATA				FLIGHT PURPOSE	PILOT DATA
-0199	1/21/77 TIME - 180	ACOMITA,NM O	BELLANCA 17-30 N7352V DAMAGE-DESTROYED				NONCOMMERCIAL BUSINESS	PRIVATE, AGE 61, 2706 TOTAL HOURS, 331 IN TYPE NOT INSTRUMENT RATED.
		POINT						
	SANTA FE	• NM						
	TYPE OF AC		·				F OPERATION	
	COLLISIO	N WITH GROUND/WATER	UNCONTROLLED		I	N FL	IGHT UNCONTROLLED	DESCENT
	FACTOR(S)		DISORIENTATION	•				
	FACTOR(S) WEATHER WEATHER BR WEATHER FO	- SNOW IEFING - PARTIAL BR	IEFING BY WEATHER BUI	REAU PE	RSON	NEL,	BY PHONE, LIMITED	BY PILOT ACTION
	FACTOR(S) WEATHER WEATHER BR WEATHER FO MISSING AI SKY CONDIT	- SNOW IEFING - PARTIAL BR RECAST - FORECAST SI RCRAFT - LATER RECO' ION	IEFING BY WEATHER BUI	REAU PE	CEI	LING	AT ACCIDENT SITE	BY PILOT ACTION
	FACTOR(S) WEATHER WEATHER BR WEATHER FO MISSING AI SKY CONDIT OBSCURAT	- SNOW IEFING - PARTIAL BR RECAST - FORECAST SI RCRAFT - LATER RECO ION ION	IEFING BY WEATHER BUI	REAU PE	CEI	LING NKNO	AT ACCIDENT SITE WN/NOT REPORTED	
	FACTOR(S) WEATHER WEATHER BR WEATHER FO MISSING AI SKY CONDIT OBSCURAT VISIBILITY	- SNOW IEFING - PARTIAL BR RECAST - FORECAST SI RCRAFT - LATER RECO' ION	IEFING BY WEATHER BUI	REAU PE	CEI UI PRE	LING NKNO	AT ACCIDENT SITE	
	FACTOR(S) WEATHER WEATHER BR WEATHER FO MISSING AI SKY CONDIT OBSCURAT VISIBILITY 1/2 MILE	- SNOW IEFING - PARTIAL BR RECAST - FORECAST SI RCRAFT - LATER RECO ION ION AT ACCIDENT SITE OR LESS INS TO VISION AT ACC	IEFING BY WEATHER BU JBSTANTIALLY CORRECT VERED	REAU PE	CEI UI PRE SI TYP	LING NKNO CIPI NOW	AT ACCIDENT SITE WN/NOT REPORTED	SITE
	FACTOR(S) WEATHER BR WEATHER FO MISSING AI SKY CONDIT OBSCURAT VISIBILITY 1/2 MILE OBSTRUCTIO	- SNOW IEFING - PARTIAL BR RECAST - FORECAST SI RCRAFT - LATER RECO ION ION AT ACCIDENT SITE OR LESS INS TO VISION AT ACC SNOW	IEFING BY WEATHER BU JBSTANTIALLY CORRECT VERED	REAU PE	CEI UI PRE SI TYP	LING NKNO CIPI NOW E OF	AT ACCIDENT SITE WN/NOT REPORTED TATION AT ACCIDENT	SITE

•										· · · · · · · · · · · · · · · · · · ·
-	DATE	2-0	AIRCRAFT DATA							PILOT DATA
	3/2/77 TIME - 0	NR.PECOS, NM 435	CESSNA 182E N2861Y	CR- PX-	1 2	0 0	NON PLE	COMMERCIAL ASURE/PERSONA		PRIVATE, AGE 43, 167 TOTAL HOURS, 78 IN TYPE, NOT INSTRUMENT RATED.
	TYPE OF STALL	ACCIDENT	INTENDED DESTINATION TUCSON. AZ		PI	HASE IN F	OF OP LIGHT	E STOP ULE, NM ERATION NORMAL CRUI UNCONTROLLE		
	PILOT PILOT PILOT FACTOR(S WEATHE WEATHE PERSON WEATHER WEATHER	IN COMMAND - SPATIAL )  R - SNOW  R - TURBULENCE, ASSO R - LOW CEILING NEL - TRAFFIC CONTRO BRIEFING - BRIEFED B	ED VFR FLIGHT INTO ADM DISORIENTATION CIATED W/CLOUDS AND/OR OF PERSONNEL FAILURE BY FLIGHT SERVICE PERSONNEL FAILURE SUBSTANTIALLY CORRECT	R THUNG TO ADV	ER:	STORM OF U	IS INSAFE		ITIONS	
	UNKNOW OBSTRUCT UNKNOW		CIDENT SITE		Ρſ	UNKN RECIP SNOW	OWN/N ITATI	ACCIDENT SITE OT REPORTED ON AT ACCIDEN THER CONDITION		

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REMARKS- RECOVERY DATE 05-18-77. PILOT NOT BRIEFED BY FSS PERSONNEL ON AREA AND TERMINAL FORECASTS.

FILE	DATE		AIRCRAFT DATA	F 5	M/N	PURPOSE	PILOT DATA
3-3791	5/22/77 NR TIME - 1445	.MORIARTY,NM		CR- 1	0 . 0	NONCOMMERCIAL PRACTICE	COMMERCIAL, AGE 53, 5000 TOTAL HOURS, 15 IN TYPE, NOT INSTRUMENT RATED.
		PORT - MORIARTY OINT	INTENDED DESTINATION				•
	TYPE OF ACC					OF OPERATION IGHT OTHER	
	PROBABLE CA PILOT IN FACTOR(S)						
	MISCELLAN	EOUS ACTS.CONDIT	TACHMENT FITTINGS,BOLT IONS - OVERLOAD FAILUR IONS - SEPARATION IN F	E			
	SKY CONDITI	ΩN		CE	TITNO	AT ACCIDENT SITE	
	CLEAR.					I-TED	
	5 OR OVER	AT ACCIDENT SITE (UNLIMITED)			NONE	TATION AT ACCIDENT SITE	
	OBSTRUCTION NONE	S TO VISION AT A	CCIDENT SITE	TE	MP ER <i>A</i> 85	TURE-F	
		THER CONDITIONS		TY		FLIGHT PLAN	
	VFR				NONE	TH IN AREA 200-1000FPM,PI	
3-3089	8/11/77 NR TIME - 1350	.ALBUQUERQUE,NM	MOONEY M20E N3488X DAMAGE-DESTROYED			NONCOMMERCIAL PLEASURE/PERSONAL TRAN	SP TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT
-	DEPARTURE P	OINT	INTENDED DESTINATION	LA	ST EN	IROUTE STOP	RATED.
	GARDEN CI		SAN DIEGO, CA			JERQUE, NM	
			SAN DIEGOVOR				
	TYPE OF ACC	IDENT	•	P⊦	ASE C	F OPERATION	
			•	P⊦	ASE C		
	PROBABLE CA PILOT IN FACTOR(S)	IDENT   WITH GROUND/WAT  USE(S)   COMMAND - CONTIN	ER CONTROLLED UED VFR FLIGHT INTO AD	PH	ASE C IN FL	F OPERATION IGHT NORMAL CRUISE	
	COLLISION PROBABLE CA PILOT IN FACTOR(S) WEATHER — WEATHER BRI WEATHER FOR	IDENT WITH GROUND/WAT USE(S) COMMAND - CONTIN LOW CEILING EFING - BRIEFED	ER CONTROLLED  UED VFR FLIGHT INTO AD  BY FLIGHT SERVICE PERS SUBSTANTIALLY CORRECT	PH VERSE WEAT ONNEL, IN	ASE C IN FL	F OPERATION IGHT NORMAL CRUISE ONDITIONS	
	COLLISION PROBABLE CA PILOT IN FACTOR(S) WEATHER — WEATHER BRI WEATHER FOR MISSING AIR SKY CONDITI	IDENT WITH GROUND/WAT USE(S) COMMAND - CONTIN LOW CEILING EFING - BRIEFED ECAST - FORECAST CRAFT - LATER RE	ER CONTROLLED  UED VFR FLIGHT INTO AD  BY FLIGHT SERVICE PERS SUBSTANTIALLY CORRECT	PH VERSE WEAT ONNEL, IN	ASE CIN FL	F OPERATION IGHT NORMAL CRUISE ONDITIONS	
	COLLISION  PROBABLE CA PILOT IN FACTOR(S) WEATHER — WEATHER BRI WEATHER FOR MISSING AIR  SKY CONDITI OVERCAST	IDENT WITH GROUND/WAT USE(S) COMMAND - CONTIN LOW CEILING EFING - BRIEFED ECAST - FORECAST CRAFT - LATER RE ON AT ACCIDENT SITE	ER CONTROLLED  UED VFR FLIGHT INTO AD  BY FLIGHT SERVICE PERS  SUBSTANTIALLY CORRECT  COVERED	VERSE WEAT ONNEL, IN CE	ASE CIN FL HER C PERSC UNKNO	F OPERATION IGHT NORMAL CRUISE ONDITIONS IN	
	COLLISION PROBABLE CA PILOT IN FACTOR(S) WEATHER — WEATHER BRI WEATHER FOR MISSING AIR SKY CONDITI OVERCAST VISIBILITY 1/4 MILE	IDENT WITH GROUND/WAT USE(S) COMMAND - CONTIN LOW CEILING EFING - BRIEFED ECAST - FORECAST CRAFT - LATER RE ON AT ACCIDENT SITE	ER CONTROLLED  UED VFR FLIGHT INTO AD  BY FLIGHT SERVICE PERS SUBSTANTIALLY CORRECT COVERED	PE VERSE WEAT ONNEL, IN CE PE TE	HER COPERSON	F OPERATION IGHT NORMAL CRUISE CONDITIONS ON S AT ACCIDENT SITE	
	COLLISION PROBABLE CA PILOT IN FACTOR(S) WEATHER FOR MEATHER BRI WEATHER FOR MISSING AIR SKY CONDITI OVERCAST VISIBILITY 1/4 MILE OBSTRUCTION NONE	IDENT WITH GROUND/WAT USE(S) COMMAND - CONTIN LOW CEILING EFING - BRIEFED ECAST - FORECAST CRAFT - LATER RE ON AT ACCIDENT SITE OR LESS	ER CONTROLLED  UED VFR FLIGHT INTO AD  BY FLIGHT SERVICE PERS SUBSTANTIALLY CORRECT COVERED	VERSE WEAT ONNEL, IN CE	HER COPERSON ILLINGUECIPIRAIN MPERA 78	F OPERATION IGHT NORMAL CRUISE ONDITIONS ON GAT ACCIDENT SITE WN/NOT REPORTED TATION AT ACCIDENT SITE	

		ON AIRCRAFT DATA	F S M/N	FLIGHT PURPOSE	PILOT DATA						
		CESSNA U206 N80627 DAMAGE-DESTROYED	CR- 1 0 0		AIRLINE TRANSPORT, AGE						
		INTENDED DESTINATION									
	ALBUQUERQUE • NM	LAS CRUCES NM									
	TYPE OF ACCIDENT	ID AVATED CONTROLLED	PHASE OF								
	COLLISION WITH GROUND/WATER CONTROLLED IN FLIGHT NORMAL CRUISE										
	WEATHER BRIEFING - PAR	ONDITIONS - FLEW INTO BLIND TIAL BRIEFING BY FLIGHT SER ECAST SUBSTANTIALLY CORRECT	VICE PERSONNEL.	BY PHONE/RADIO+ LIMITE	ED BY PILOT ACTION						
	SKY CONDITION UNKNOWN/NOT REPORTED	)		AT ACCIDENT SITE							
	VISIBILITY AT ACCIDENT UNKNOWN/NOT REPORTED		PRECIPITATION AT ACCIDENT SITE THUNDERSTORM, RAIN SHOWERS								
	OBSTRUCTIONS TO VISION UNKNOWN/NOT REPORTED TYPE OF FLIGHT PLAN			WEATHER CONDITIONS WN/NOT REPORTED							
	NONE PERMARKS FOR ADAD TOTAL	A ACTUTY ENRT.SVR TSTMS REPO	RTED IN AREA REC	OVERY DATE 8/13/77.							

FILE	DATE LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA						
3-4111	11/25/77 CARLSBAD.NM TIME - 0918	PIPER PA-28 N2665T DAMAGE-SUBSTANTIAL	CR- 0 1 0	NONCOMMERCIAL	PRIVATE, AGE 44, 119 FOR TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.						
	NAME OF AIRPORT - CARLSBAD MUNI DEPARTURE POINT INTENDED DESTINATION CARLSBAD,NM EL PASO,TX TYPE OF ACCIDENT STALL PHASE OF OPERATION LANDING TRAFFIC PATTERN-CIRCLING										
	PILOT IN COMMAND - FAILE FACTOR(S) PILOT IN COMMAND - INADE PILOT IN COMMAND - SELEC WEATHER - HIGH DENSITY A WEATHER - HIGH DENSITY A WEATHER BRIEFING - BRIEFEE WEATHER BRIEFING - BRIEFEE WEATHER FORECAST - FORECAS EMERGENCY CIRCUMSTANCES -	QUATE PREFLIGHT PREPARAT TED WRONG RUNWAY RELATIV LTITUDE ND CONDITIONS BY FLIGHT SERVICE PERSO T SUBSTANTIALLY CORRECT	TION AND/OR PLA VE TO EXISTING DNNEL, IN PERSO	WIND							
	SKY CONDITION CLEAR	_	CEILING AT ACCIDENT SITE UNLIMITED								
	VISIBILITY AT ACCIDENT SIT	<b>-</b>	PRECIPI	TATION AT ACCIDENT SITE							
	VISIBILITY AT ACCIDENT SIT 5 OR OVER(UNLIMITED) OBSTRUCTIONS TO VISION AT NONE WIND DIRECTION-DEGREES		NONE TEMPERA 60	TATION AT ACCIDENT SITE  TURE-F  LOCITY-KNOTS							

FILE			AIRCRAF.T DATA		F	S M	N.	PURPOSE		PILOT DATA	
3-4110		R.ALBUQUERQUE,NM	LAKE LA-4	CR-	2	0	0	NONCOMMERCIAL			
		RPORT - ALAMEDA POINT : 1	NTENDED DESTINATION					•			
	ALBUQUERO										
	TYPE OF AC										
	TYPE OF ACCIDENT PHASE OF OPERATION STALL SPIN TAKEOFF INITIAL CLIMB										
	FACTOR(S) PILOT IN PILOT IN WEATHER WEATHER BR	COMMAND - FAILED TO COMMAND - LACK OF COMMAND - INITIATE - UNFAVORABLE WIND LEFING - BRIEFED BY	FAMILIARITY WITH AIR TO FLIGHT IN ADVERSE CONDITIONS (FLIGHT SERVICE PERS GUBSTANTIALLY CORRECT	CRAFT WEATHE	PEE R C	OND					
	SKY CONDIT	ION			С			AT ACCIDENT SITE			
	VISIBILITY 5 OR OVE		TATION AT ACCIDENT	SITE							
	OBSTRUCTIO NONE	NS TO VISION AT ACC	CIDENT SITE		T	E MP 42	RΔ	TURE-F			
		TION-DEGREES			W		VE	LOCITY-KNOTS			
		ATHER CONDITIONS			T			FLIGHT PLAN			
		USTING TO 30KTS.						;			

FILE	DATE	LOCATION				M/N	PURPOSE	PILOT DATA				
		BRONX, NY		CR-	1	0 0	NONCOMMERCIAL					
		IRPORT - LAGUARDÍA										
	DEPARTURE SOMERSET		INTENDED DESTINATION FLUSHING, NY									
	TYPE OF AC		. 203.11.104.11		P	HASE	OF OPERATION					
		FAILURE OR MALFUNC					ING INITIAL APPROACH					
	COLLISIO	DN WITH GROUND/WAT	ER CONTROLLED			LAND	ING INITIAL APPROACH					
	PROBABLE C	CAUSE (S)										
		PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING										
	PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS, CONDITIONS - FUEL EXHAUSTION											
	MISCELLANEUUS ACIS,CUNDIIIUNS - FUEL EAHAUSIIUN FACTOR(S)											
	MISCELLANEOUS ACTS, CONDITIONS - FAILURE OF TWO OR MORE ENGINES											
	WEATHER - LOW CEILING											
	WEATHER - FOG											
	POWERPLANT - POWERPLANT-INSTRUMENTS FUEL QUANTITY GAUGE MISCELLANEOUS ACTS.CONDITIONS - ERRATIC											
	COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-2 ENGINES											
	WEATHER BRIEFING - BRIEFED BY WEATHER BUREAU PERSONEL, BY PHONE											
	EMERGENCY	CIRCUMSTANCES - F	ORCED LANDING OFF AIRP	ORT ON	LAN	1D						
	SKY CONDIT	TION			CE	ILIN	G AT ACCIDENT SITE					
	OVERCAST					200						
		AT ACCIDENT SITE					ITATION AT ACCIDENT SITE					
		OR LESS ONS TO VISION AT A	CCIDENT SITE			DRIZ	∠LE ATURE-F					
	FOG	7NO TO VISION AT A	COLDENT SITE		10	52	A TORE 1					
		CTION-DEGREES			W.		ELOCITY-KNOTS					
	180				_	11						
	TYPE OF WE	EATHER CONDITIONS			T		F FLIGHT PLAN					
	IFK					IFR						

FILE	DATE	LOCATION	AIRCRAFT DATA		FLIGHT PURPOSE	PILOT DATA
3-0984	TIME - 200	JAMESTOWN, NY 03 IRPORT - CHAUTAUQUA	N14752 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 51, 592 TOTAL HOURS, 278 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE	POINT				
	TYPE OF A	RGH•PA CCIDENT D WITH TREES	JAMESIIJWN, NY		OF OPERATION LIGHT DESCENDING	
	PILOT II FACTOR(S) WEATHER WEATHER WEATHER WEATHER	N COMMAND - MISJUNG - LOW CEILING - FOG - SNOW RIEFING - BRIEFED F	JED VFR FLIGHT INTO AD SED ALTITUDE BY FLIGHT SERVICE PERS SUBSTANTIALLY CORRECT	ONNEL, BY PHONI		
	SKY CONDI			CEILÍN 800	G AT ACCIDENT SITE	
	VISIBILIT	Y AT ACCIDENT SITE			ITATION AT ACCIDENT SITE	<u> </u>
	OBSTRUCTION FOR	ONS TO VISION AT AC	CIDENT SITE	TEMPER	ATURE-F	
		CTION-DEGREES			ELOCITY-KNOTS	
		EATHER CONDITIONS		TYPE OF	F FLIGHT PLAN IAL VFR	
	REMARKS- 1	WITNESS RPTD FREQUE	ENT HEAVY SNOW SHOWERS	AT HOME 3 MIL	ES AWAY.	

			BRIEF	S OF A	4CC I	DEN	rs		
FILE			AIRCRAFT DATA		F	IES S M		PURPOSE	PILOT DATA
	7/31/77 TIME - 094	MAYFIELD.NY 5	CESSNA 172	CR-	0			MONCOMMERCIAL PLEASURE/PERSONAL TRAN	
	SCHENECTADY,NY WATERTOWN,NY TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH TREES IN FLIGHT OTHER								
	PILOT IN FACTOR(S) TERRAIN WEATHER WEATHER MISCELLA WEATHER BR	COMMAND - MISJUE - HIGH OBSTRUCTIO - LOW CEILING - FOG NEOUS ACTS, CONDI	ONS TIONS - SEAT BELT NOT F D RECORDED BRIEFING BY I	ASTENE	ĒD			TIMDITIONS .	
	SKY CONDIT				С	EIL:		AT ACCIDENT SITE	
	VISIBILITY			Р	REC		TATION AT ACCIDENT SITE		
	OBSTRUCTIO FOG	NS TO VISION AT	ACCIDENT SITE		Т	EMPI 72	RΔ	TURE-F	
	WIND DIREC	TION-DEGREES	•		W	IND 5	VE	LOCITY-KNOTS	
	IFR	ATHER CONDITIONS ROSS-COUNTRY FLT	OVER MOUNTAINOUS TERRA	IN.	Т			FLIGHT PLAN AL VFR	

9/1/77 DIANESBURG,NY PIPER PA-28 CR- 1 0 0 NONCOMMERCIAL PRIVATE, AGE 34, 1000 TIME - 1810 N6360R PX- 0 0 0 PRACTICE TOTAL HOURS, 30 IN TYPE, DAMAGE-DESTROYED  NAME OF AIRPORT - DUANESBURG OFPARTURE POINT INTENDED DESTINATION DUANESBURG,NY LOCAL TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH TREES  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS MISSELLANEOUS ACTS.CONDITIONS - ANTI-ICING/DEICING EQUIPMENT-IMPROPER OPERATION OF/OR FAILED TO USE MISSELLANEOUS ACTS.CONDITIONS - ICE-CARBURETOR TERRAIN - HIGH OBSTRUCTIONS FACTOR(S) WEATHER - CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE MEATHER BIFFING - NO RECORD OF BRITEFING RECEIVED WEATHER FORECAST - UNKNOWN/NOT REPORTED  SKY CONDITION OBSCURATION VISIBILITY AT ACCIDENT SITE 3 MILES OR LESS OBSTRUCTIONS TO VISION AT ACCIDENT SITE 4000 VISIBILITY AT ACCIDENT SITE 9 PRECIPITATION AT ACCIDENT SITE 18 MILES OR LESS OBSTRUCTIONS TO VISION AT ACCIDENT SITE 19 OF WEATHER CONDITIONS VFR REMARKS - ENG HEARD TO SPUTTER AND THEN SEEMED TO BE RUNNING ROUGH.	FILE	DATE LOCATION	AIRCRAFT DATA	INJ F	JRIE S			PILOT DATA
DEPARTURE POINT INTENDED DESTINATION DUANESBURG,NY LOCAL  TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION LANDING FINAL APPROACH COLLIDED WITH TREES LANDING FINAL APPROACH COLLIDED WITH TREES LANDING FINAL APPROACH  PROBABLE CAUSE(S) PILOT IN COMMAND — IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS MISCELLANEOUS ACTS, CONDITIONS — ANTI-ICING/DEICING EQUIPMENT—IMPROPER OPERATION OF/OR FAILED TO USE MISCELLANEOUS ACTS, CONDITIONS — ICE—CARBURETOR TERRAIN — HIGH OBSTRUCTIONS FACTOR(S) MEATHER — CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING PARTIAL POWER LOSS — PARTIAL LOSS OF POWER — 1 ENGINE WEATHER BRIEFING — NO RECORD OF BRIEFING RECEIVED WEATHER FORECAST — UNKNOWN/NOT REPORTED  SKY CONDITION OBSCURATION VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 3 MILES OR LESS OBSTRUCTIONS TO VISION AF ACCIDENT SITE HAZE TYPE OF WEATHER CONDITIONS TYPE OF WEATHER CONDITIONS  PROBLEM TO THE PERATURE—F 80 TYPE OF WEATHER CONDITIONS TO THE PERATURE—F 100 100 100 100 100 100 100 100 100 10	3-1998	TIME - 1810	N6360R DAMAGE-DESTROYED					TOTAL HOURS, 30 IN TYPE,
TYPE OF ACCIDENT  ENGINE FAILURE OR MALFUNCTION  COLLIDED WITH TREES  PROBABLE CAUSE(S)  PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS  MISCELLANEOUS ACTS.CONDITIONS - ANTI-ICING/DEICING EQUIPMENT-IMPROPER OPERATION OF/OR FAILED TO USE MISCELLANEOUS ACTS.CONDITIONS - ICE-CARBURETOR  TERRAIN - HIGH OBSTRUCTIONS  FACTOR(S)  WEATHER - CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE WEATHER BRIFEING - NO RECORD OF BRIEFING RECEIVED WEATHER FORECAST - UNKNOWN/NOT REPORTED  SKY CONDITION  OBSCURATION  VISIBILITY AT ACCIDENT SITE  OBSCURATIONS TO VISION AS ACCIDENT SITE  AMILES OR LESS  OBSTRUCTIONS TO VISION AS ACCIDENT SITE  BO  TYPE OF WEATHER CONDITIONS  TYPE OF FLIGHT PLAN  NONE								
ENGINE FAILURE OR MALFUNCTION  COLLIDED WITH TREES  LANDING FINAL APPROACH  PROBABLE CAUSE(S)  PILOT IN COMMAND — IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS  MISSELLANEOUS ACTS.CONDITIONS — ANTI-ICING/DEICING EQUIPMENT—IMPROPER OPERATION OF/OR FAILED TO USE  MISCELLANEOUS ACTS.CONDITIONS — ICE—CARBURETOR  TERRAIN — HIGH OBSTRUCTIONS  FACTOR(S)  WEATHER — CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING  PARTIAL POWER LOSS — PARTIAL LOSS OF POWER — 1 ENGINE  WEATHER BRIEFING — NO RECORD OF BRIEFING RECEIVED  WEATHER FORECAST — UNKNOWN/NOT REPORTED  SKY CONDITION  OBSCURATION  VISIBILITY AT ACCIDENT SITE  3 MILES OR LESS  OBSTRUCTIONS TO VISION AF ACCIDENT SITE  180  TYPE OF WEATHER CONDITIONS  TYPE OF FLIGHT PLAN  NONE		DUANE SBURG , NY	LOCAL					
COLLIDED WITH TREES  LANDING FINAL APPROACH  PROBABLE CAUSE(S)  PILOT IN COMMAND — IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS  MISCELLANEOUS ACTS, CONDITIONS — ANTI-ICING/DEICING EQUIPMENT-IMPROPER OPERATION OF/OR FAILED TO USE  MISCELLANEOUS ACTS, CONDITIONS — ICE-CARBURETOR  TERRAIN — HIGH OBSTRUCTIONS  FACTOR(S)  WEATHER — CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING PARTIAL POWER LOSS — PARTIAL LOSS OF POWER — 1 ENGINE  WEATHER BRIEFING — NO RECORD OF BRIEFING RECEIVED WEATHER FORECAST — UNKNOWN/NOT REPORTED  SKY CONDITION  VISIBILITY AT ACCIDENT SITE  3 MILES OR LESS  OBSTRUCTIONS TO VISIOM AF ACCIDENT SITE  HAZE  TYPE OF WEATHER CONDITIONS  LANDING FINAL APPROACH  **CONTROLS**  **C								
PROBABLE CAUSE(S)  PILOT IN COMMAND — IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS  MISCELLANEOUS ACTS.CONDITIONS — ANTI-ICING/DEICING EQUIPMENT—IMPROPER OPERATION OF/OR FAILED TO USE  MISCELLANEOUS ACTS.CONDITIONS — ICE-CARBURETOR  TERRAIN — HIGH OBSTRUCTIONS  FACTOR(S)  MEATHER — CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING  PARTIAL POWER LOSS — PARTIAL LOSS OF POWER — 1 ENGINE  WEATHER BRIEFING — NO RECORD OF BRIEFING RECEIVED  WEATHER FORECAST — UNKNOWN/NOT REPORTED  SKY CONDITION  OBSCURATION  VISIBILITY AT ACCIDENT SITE  3 MILES OR LESS  OBSTRUCTIONS TO VISION AT ACCIDENT SITE  HAZE  TYPE OF WEATHER CONDITIONS  TYPE OF FLIGHT PLAN  NONE			CTION					
PILOT IN COMMAND — IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS  MISCELLANEOUS ACTS, CONDITIONS — ANTI-ICING/DEICING EQUIPMENT—IMPROPER OPERATION OF/OR FAILED TO USE MISCELLANEOUS ACTS, CONDITIONS — ICE-CARBURETOR TERRAIN — HIGH OBSTRUCTIONS  FACTOR(S)  WEATHER — CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING PARTIAL POWER LOSS — PARTIAL LOSS OF POWER — 1 ENGINE WEATHER BRIEFING — NO RECORD OF BRIEFING RECEIVED WEATHER FORECAST — UNKNOWN/NOT REPORTED  SKY CONDITION OBSCURATION VISIBILITY AT ACCIDENT SITE  3 MILES OR LESS OBSTRUCTIONS TO VISION AT ACCIDENT SITE HAZE TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN NONE		COLLIDED WITH TREES			L	I GN	NG FINAL APPROACH	
OBSCURATION VISIBILITY AT ACCIDENT SITE  3 MILES OR LESS OBSTRUCTIONS TO VISION AT ACCIDENT SITE  HAZE TYPE OF WEATHER CONDITIONS  VER  4000 PRECIPITATION AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE TEMPERATURE—F 80 TYPE OF FLIGHT PLAN NONE		PILOT IN COMMAND - IMPROMISCELLANEOUS ACTS, CONDITERAIN - HIGH OBSTRUCTIFACTOR(S) WEATHER - CONDITIONS COMPARTIAL POWER LOSS - PARTIWEATHER BRIEFING - NO RECO	TIONS - ANTI-ICING/DEIC TIONS - ICE-CARBURETOR ONS DUCLIVE TO CARB./INDUCTI AL LOSS OF POWER - 1 EN IRD OF BRIEFING RECEIVED	ING EQU ON SYST GINE	IPME	VT−I	MPROPER OPERATION O	F/OR FAILED TO USE
VISIBILITY AT ACCIDENT SITE  3 MILES OR LESS OBSTRUCTIONS TO VISION AT ACCIDENT SITE  HAZE TYPE OF WEATHER CONDITIONS VFR  PRECIPITATION AT ACCIDENT SITE  NONE  PRECIPITATION AT ACCIDENT SITE  NONE  PRECIPITATION AT ACCIDENT SITE  NONE  NONE					CE I	ING	AT ACCIDENT SITE	
3 MILES OR LESS  OBSTRUCTIONS TO VISION AS ACCIDENT SITE  HAZE  TYPE OF WEATHER CONDITIONS  VFR  NONE								
OBSTRUCTIONS TO VISION AT ACCIDENT SITE TEMPERATURE—F  HAZE  TYPE OF WEATHER CONDITIONS  VFR  NONE			E				TATION AT ACCIDENT	SIJE
HAZE 80 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN VFR NONE			ACCIDENT CITE				Tubs 5	
TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN NONE			ACCIDENT SITE				TURE-F	
VFR					-	-	ELICUT DI ANI	
							FLIGHT PLAN	
			TER AND THEN SEEMED TO	RE RIINN			ы	

		BRIEF	S OF ACCIDE	NTS						
FILE	DATE · LOCATION	AIRCRAFT DATA			FLIGHT PURPOSE	PILOT DATA				
3-3832	11/5/77 CLARYVILLE,NY TIME - 1545					PRIVATE, AGE 42, 1000 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.				
	DEPARTURE POINT	INTENDED DESTINATION MONTICELLO.NY				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
	POTTSTOWN, PA									
	TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER CONTROLLED IN FLIGHT NORMAL CRUISE									
	COLLISION WITH GROUND/WA	ATER CONTROLLED	ı	N FLIC	SHI NURMAL CRUISE					
	FACTOR(S)									
	TERRAIN - HIGH OBSTRUCT) WEATHER - LOW CEILING WEATHER BRIEFING - BRIEFER WEATHER FORECAST - FORECAS	D BY WEATHER BUREAU PERSI	ONNEL, IN F	ERSON						
	TERRAIN - HIGH OBSTRUCTS WEATHER - LOW CEILING WEATHER BRIEFING - BRIEFER WEATHER FORECAST - FORECASS SKY CONDITION	D BY WEATHER BUREAU PERSI	CEI	LING A	AT ACCIDENT SITE					
	TERRAIN - HIGH OBSTRUCTI WEATHER - LOW CEILING WEATHER BRIEFING - BRIEFE WEATHER FORECAST - FORECAS SKY CONDITION OBSCURATION VISIBILITY AT ACCIDENT SIT	D BY WEATHER BUREAU PERSI ST SUBSTANTIALLY CORRECT	CEI 4 PRE	LING # 00 CIPIT#	AT ACCIDENT SITE ATION AT ACCIDENT SITE					
	TERRAIN - HIGH OBSTRUCTS WEATHER - LOW CEILING WEATHER BRIEFING - BRIEFER WEATHER FORECAST - FORECAST  SKY CONDITION OBSCURATION VISIBILITY AT ACCIDENT SIT 2 MILES OR LESS OBSTRUCTIONS TO VISION AT	D BY WEATHER BUREAU PERSI ST SUBSTANTIALLY CORRECT	CEI 4 PRE N TEM	LING A OO CIPITA ONE, PERATU	ATION AT ACCIDENT SITE					
	TERRAIN - HIGH OBSTRUCT) WEATHER - LOW CEILING WEATHER BRIEFING - BRIEFER WEATHER FORECAST - FORECAST SKY CONDITION OBSCURATION VISIBILITY AT ACCIDENT SIT 2 MILES OR LESS	D BY WEATHER BUREAU PERSI ST SUBSTANTIALLY CORRECT	CEI 4 PRE N TEM 5	LING A OO CIPITA ONE PERATU 5 D VELO	ATION AT ACCIDENT SITE					
	TERRAIN - HIGH OBSTRUCTIVE WEATHER - LOW CEILING WEATHER BRIEFING - BRIEFER WEATHER FORECAST - FORECAS  SKY CONDITION OBSCURATION VISIBILITY AT ACCIDENT SIT 2 MILES OR LESS OBSTRUCTIONS TO VISION AT FOG WIND DIRECTION-DEGREES	D BY WEATHER BUREAU PERSIST SUBSTANTIALLY CORRECT  TE  ACCIDENT SITE	CEI 4 PRE N TEM 5 WIN	LING A OO CIPITA ONE PERATU 5 D VELO	ATION AT ACCIDENT SITE					

REMARKS- PIC WAS ADVISED BY WEA OBSERVER THAT VFR FLT WAS NOT RECOMMENDED.

FILE	DATE	LOCATION	AIRCRAFT DATA					FLIGHT PURPOSE	PILOT DATA
3-0162	2/18/77 TIME - 1		CESSNA 150M N3969V DAMAGE-DESTROYED					INSTRUCTIONAL SOLO	STUDENT, AGE 42, 20 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
		AIRPORT - BURLINGTON	MUNI INTENDED DESTINATION						
	BURLING	GTON, NC	LNCAL						
	TYPE OF	ACCIDENT			Р	HASE	01	OPERATION .	
	COLLIS	ION WITH GROUND/WATE	R UNCONTROLLED			ΙN	FL]	GHT UNCONTROLLED DES	SCENT
	FACTOR (S WEATHER PERSONI WEATHER	) R - SNOW NEL - WEATHER PERSON BRIEFING - NO RECORD	R IN-FLIGHT DECISIONS  INEL INCORRECT WEATHE  INF BRIEFING RECEIVED  CONSIDERABLY WORSE THA	R FORE	CAS	т			
	SKY COND				С			AT ACCIDENT SITE	
	OBSCUR	· -			_	100			T.C.
		TY AT ACCIDENT SITE			Р	SNO		TATION AT ACCIDENT SI	I E
		IONS TO VISION AT AC	CIDENT SITE		T		OF	WEATHER CONDITIONS	
	TYPE OF NONE	FLIGHT PLAN							

#### BDIECE OF ACCIDENTS

			AIRCRAFT DATA		F	SM	/N	PURPOSE		PILOT DATA	
		WINDSOR, NC	PIPER PA-28	CR-	1	0	0	NONCOMMERCIAL			
			INTENDED DESTINATION								
	SALISBUR		WILNINGTON, NC								
	TYPE OF AC	D WITH TREES			Р			OPERATION IG FINAL APPROACH			
	PROBABLE CAUSE(S)										
	PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS										
	FACTOR(S)										
	PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS WEATHER - FOG										
	MISCELLANEOUS ACTS,CONDITIONS - DIL EXHAUSTION-ENGINE LUBRICATION SYSTEM MISCELLANEOUS ACTS,CONDITIONS - LOW COMPRESSION										
	WEATHER BRIEFING - ND RECORD OF BRIEFING RECEIVED										
	EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT										
	. SKY CONDIT				C			AT ACCIDENT SITE			
	OVERCAST				_	50					
		Y AT ACCIDENT`SI1 E OR LESS	I E		Р	NO		ATION AT ACCIDENT	51.16		
		DNS TO VISION AT	ACCIDENT SITE		1			WEATHER CONDITION	ıç		
	FOG	5.45 10 VISION AT	ACCIDENT SITE			IF		ALM HILK CONDITION	• 5		
		LIGHT PLAN				-'					
		CYL COMP 25/80,45	5/80,15/80,45/80.SMALL A	TAUON	0F	OIL	FOU	ND INSIDE CRANKCA	SE.		

FILE	DATE	LOCATION	AIRCRAFT DATA	INJ F	UR I E S	S M/N	FLIGHT PURPOSE	PILOT DATA
3 <b>-</b> 1307	7/3/77 TIME - 14	BRYSON CITY, NC						PRIVATE, AGE 25, 293 NSP TOTAL HOURS, 97 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE	ACCIDENT	ELD NTENDED DESTINATION LOCAL				F OPERATION IGHT CLIMB TO CRUISE	
	PILOT I PILOT I MISCELL FACTOR(S) TERRAIN	IN COMMAND - FAILED T IN COMMAND - IMPROPER IN COMMAND - INADEQUA LANEOUS ACTS+CONDITIO	O OBTAIN/MAINTAIN FLY IN-FLIGHT DECISIONS TE PREFLIGHT PREPARAT NS - FLEW INTO BLIND	OR PLA	NN I N D/OR	-	NNI NG	
		TION  TY AT ACCIDENT SITE  VER(UNLIMITED)			PRE	NL I	AT ACCIDENT SITE SITED TATION AT ACCIDENT SIT	E .
	NONE	IONS TO VISION AT ACC	IDENT SITE		9 TYP	0	TURE-F FLIGHT PLAN	
3-2945	TIME - 21	AIRPORT - ASHEVILLE M	BEECH 95 N771B DAMAGE-DESTROYED UNI NTENDED DESTINATION	PX-			NONCOMMERCIAL BUSINESS	PRIVATE, AGE 51, 1008 TOTAL HOURS, 148 IN TYPE INSTRUMENT RATED.
	KISSIMM TYPE OF A	4EE,FL	FLETCHER, NC				OF OPERATION NG MISSED APPROACH	
	FACTOR(S) PILOT 1 WEATHER WEATHER WEATHER	DISORIENTATION D OPERATION BEYOND EX FLIGHT SERVICE PERSO UBSTANTIALLY CORRECT						
	2 MILES		IDENT SITE		PRE N	OO CIPI DNE PERA	AT ACCIDENT SITE TATION AT ACCIDENT SIT	E
	TYPE OF W	PEATHER CONDITIONS  2HRS SIMULATED INST	LAST 90DAYS.LAST NIGH	HT TIME	TYP I	E OF	FLIGHT PLAN 12/12/75.	

#### DDIES OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA				FLIGHT PURPOSE	PILOT DATA		
3-3935	10/27/77 TIME - 19	MORGANTON.NC	PIPER PA-23 N5250Y DAMAGE-DESTROYED	CR- 1 PX- 0			NCOMMERCIAL SINESS	COMMERCIAL, AGE 56, 198 TOTAL HOURS, 128 IN TYP INSTRUMENT RATED.		
	NAME OF AIRPORT - MORGANTON LENDIR									
	DEPARTURE	POINT ON,NC	INTENDED DESTINATION MORGANTON.							
	TYPE OF A	• •	HORGANIONING	Р	HASE (	né n	PERATION			
		ON WITH GROUND/WAT	ER CONTROLLED	·			FINAL APPROACH			
	PROBABLE PILOT I	CAUSE(S) N COMMAND - IMPROP	ER IFR OPERATION							
	WEATHER	N COMMAND - INADEC - LOW CEILING - RAIN	UATE PREFLIGHT PREPARA	TION AND/	OR PL	ANNI	NG			
			BY FLIGHT SERVICE PERS CONSIDERABLY WORSE THA			E				
	SKY CONDI OBSCURA		c	EILINO 300	G AT	ACCIDENT SITE				
	VISIBILIT 1 MILE		Р	RECIP!	ITAT					
		ONS TO VISION AT A	CCIDENT SITE	. 1	YPE OF	= WE	ATHER CONDITIONS			
	TYPE OF F	LIGHT PLAN			_					
	REMARKS-	NO APPROACH CHARTS	FOR MRN.OBTAINED APCH	DATA FRM	ATC.	CRAS	HED DRG 2ND APCH.			

E	DATE	LOCATION	AIRCRAFT DATA		F	S M/I	FLIGHT PURPOSE		PILOT DATA
99	11/29/77 PI TIME - 1917 NAME DE AIRPO		BEECH 58 N4461S DAMAGE-DESTROYED	CR-	1	0 (	COMMERCIAL	COMMER ARRIER TOTAL	RCIAL, AGE 31, 2416 HOURS, 226 IN TYPE MENT RATED.
	CHARLOTTE,N TYPE OF ACCID COLLIDED WI	ENT	PINEHUR ST + NC		Р		OF OPERATION DING FINAL APPROA	асн	
	FACTOR(S)  WEATHER - L  WEATHER - F  TERRAIN - H  WEATHER BRIEF	MMAND - IMPROF OW CEILING OG IGH OBSTRUCTIO ING - BRIEFED	PER IFR OPERATION  ONS BY FLIGHT SERVICE PERSO SUBSTANTIALLY CORRECT	DNNE L •	вч	PHOI	Ε		
	VISIBILITY AT 2 MILES OR	WER SCATTERED ACCIDENT SITE LESS TO VISION AT A			Р	4000 RECIF	ITATION AT ACCIDE	NT SITE	

FILE	DATE	LOCATION	AIRCRAFT DATA	[NJI F	JRIES S M	/N	FLIGHT PURPOSE	PILOT DATA			
3-4140	12/14/77 TIME - 195	OCRACOKE • NC	PIPER PA-28 N7285W DAMAGE-DESTROYED	CR- PX-	1 0 1 2	0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 33, 583 TOTAL HOURS, 555 IN TYPE, INSTRUMENT RATED.			
	DEPARTURE	NC	INTENDED DESTINATION AHOSKI, NC								
	TYPE OF AC	CIDENT . WITH OBJECT	ANGSKITNO				F OPERATION FF INITIAL CLIMB				
	PILOT IN PILOT IN FACTOR(S) WEATHER	PROBABLE CAUSE(S) PILOT IN COMMAND - EXERCISED POOR JUDGMENT PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS FACTOR(S) WEATHER - RAIN WEATHER - TORNADO									
	WEATHER BR	IEFING - BRIEFED	BY FLIGHT SERVICE PERS SUBSTANTIALLY CORRECT		ВҮ РН	ONE					
	1 MILE O	AT ACCIDENT SITE			UN PREC	KNO IPI IN	AT ACCIDENT SITE WN/NOT REPORTED TATION AT ACCIDENT SITE SHOWERS, THUNDERSTORM				
	OBSTRUCTIO FOG TYPE OF FL	NS TO VISION AT A	CCIDENT SITE		TYPE	OF	WEATHER CONDITIONS				
	IFR		STATED TORNADO TOUCHE	D DOWN	APPRO	х 3	MILES NORTH OF A/P.				
3-4033			CESSNA 206F N82900 DAMAGE-DESTROYED	CR- PX-	2 0	0	COMMERCIAL CTR PASSG-D	COMMERCIAL, AGE 69, 4099 TOTAL HOURS, 599 IN TYPE, INSTRUMENT RATED.			
	CHARLUII	E . NC	INTENDED DESTINATION BRYSON CITY,NC		DUAC		F OPERATION	·			
	TYPE OF AC COLLIDED	WITH TREES					IGHT DESCENDING				
	PROBABLE CAUSE(S)  PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS  MISCELLANEOUS ACTS, CONDITIONS - DISREGARD OF GOOD OPERATING PRACTICE  FACTOR(S)										
	WEATHER - LOW CEILING WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT										
	SKY CONDIT	ION /LOWER SCATTERED			11	00	AT ACCIDENT SITE				
	. 7ERO	AT ACCIDENT SITE			NΠ	NE	TATION AT ACCIDENT SITE				
	TYPE OF FL		CCIDENT SITE		IF		WEATHER CONDITIONS				
	VFR REMARKS- C	ANCELLED IFR.ADF	TUNED TO RADIO STA WHI	CH HAD	RCNTL	Y C	ONST A 2ND ANTENNA SITÉ.R	IDGES OBSCURED.			

FILE	DATE	LOCATION	AIRCRAFT DATA	IN	JUR F	IES S M	/N	FLIGHT PURPOSE	PILOT DATA			
3-4256	TIME - 19	23						NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 35, 568 TOTAL HOURS, 40 IN TYPE, INSTRUMENT RATED.			
		PHILADELPHIA, PA DETROIT, MI TYPE OF ACCIDENT						F OPERATION				
		FAILURE OR MALFUNCT	ION		-			IGHT NORMAL CRUISE				
		D WITH DIRT BANK						NG LEVEL OFF/TOUCHDOWN				
	PROBABLE	CAUSE(S)										
	PILOT I	N COMMAND - MISMANA	GEMENT OF FUEL									
			INS - INATTENTIVE TO		JPP	LY						
			ONS - FUEL STARVATION						•			
	FACTOR(S)		ATE DREELICHT DREDARA	T T ON A	ND (	00	D . A	NINITAIC				
			ATE PREFLIGHT PREPARA				_	= -				
		IPILOT IN COMMAND - ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT PILOT IN COMMAND - CONTINUED VER FLIGHT INTO ADVERSE WEATHER CONDITIONS										
	WEATHER - ICING CONDITIONS-INCLUDES SLEET, FREEZING RAIN, ETC.											
	MISCELLANEOUS ACTS, CONDITIONS - AIRFRAME ICE											
	MISCELLANEOUS ACTS, CONDITIONS - ICE-WINDSHIELD											
	WEATHER B	OF BRIEFING RECEIVED										
	SKY CONDI	TION			С	EIL	ING	AT ACCIDENT SITE				
	OVERCAS		•			15	-					
		Y AT ACCIDENT SITE						TATION AT ACCIDENT SITE				
		ER (UNLIMITED) .	CIDENT CITE					ING RAIN TURE-F				
	NONE	ONS TO VISION AT ACC	21DEM   211E		'	32	_	IUNET				
		CTION-DEGREES		wind velocity-knots								
	220	3.13. NEGMEE3										
	TYPE OF W	EATHER CONDITIONS		11 Type of flight plan								
	VFR			NONE								
	REMARKS-	RAN R TANK DRY. APRX										

		BRIEF	S UF AL	CIDENI	)				
FILE	DATE LOCATION	AIRCRAFT DATA		JURIES S M/		PILOT DATA			
3-3082	8/19/77 NR.HEALDTON.OK TIME - 1905	PIPER PA-28R N38140 DAMAGE-DESTROYED			O MISCELLANEOUS O FERRY	COMMERCIAL, AGE 32, 757 TUTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.			
	NAME OF AIRPORT - HEALDTON MUN DEPARTURE POINT INTENDED DESTINATION ANTLERS,OK LAWTON,OK								
	TYPE OF ACCIDENT COLLISION WITH GROUND/W.				OF OPERATION FLIGHT UNCONTROLLED DES	SCENT			
	PROBABLE CAUSE(S) MISCELLANEOUS - UNDETER FACTOR(S) WEATHER - LOW CEILING WEATHER - FOG WEATHER BRIEFING - BRIEFE WEATHER BRIEFING - FORECA	D BY FLIGHT SERVICE PERS	ONNEL +	ву РНО	NE				
	SKY CONDITION  OVERCAST VISIBILITY AT ACCIDENT SI	TE		800	NG AT ACCIDENT SITE PITATION AT ACCIDENT SIT	TE			
	3 MILES OR LESS OBSTRUCTIONS TO VISION AT	ACCIDENT SITE	NONE TEMPERATURE-E						
	FOG WIND DIRECTION-DEGREES	3116		71 WIND	VELOCITY-KNOTS				
	110 TYPE OF WEATHER CONDITION IFR	S		10 TYPE IFR	OF FLIGHT PLAN				

FILE	DATE	LOCATION	AIRCRAFT DATA					PURPOSE	PILOT DATA					
3-2872	DEPARTURE POINT HARLINGEN,T	NT X			2	0	0							
	TYPE OF ACCIDE	ENT ILURE IN ELIG	SHT		Р			FOPERATION GHT NORMAL CRUISE						
	WEATHER - THE MISCELLANEOU WEATHER BRIEFI	GOCIATED W/CLOUDS AND/OR TIVITY 'IONS — SEPARATION IN FL BY FLIGHT SERVICE PERSO 'SUBSTANTIALLY CORRECT	IGHT											
	SKY CONDITION				С		NG	AT ACCIDENT SITE						
	OBSCURATION VISIBILITY AT 1/2 MILE OR		400 PRECIPITATION AT ACCIDENT SITE THUNDERSTORM, RAIN											
	FOG	OBSTRUCTIONS TO VISION AT ACCIDENT SITE					TEMPERATURE-F 74							
	WIND DIRECTION		WIND VELOCITY-KNOTS											
	TYPE OF WEATH	R CONDITIONS			Т		OF	FLIGHT PLAN						

FILE		- · · · · ·	AIRCRAFT DATA	F	SM	/N	PURPOSE	PILOT DATA	
-3866	9/12/77 NR.I TIME - 2100	DABEL•OK NT		. CR-	1 0	0 NO			
	TYPE OF ACCIDENT  AIRFRAME FAILURE IN FLIGHT  IN FLIGHT UNCONTROLLED DESCENT								
	PILOT IN CO FACTOR(S) AIRFRAME — AIRFRAME — MISCELLANEO MISCELLANEO WEATHER — T WEATHER BRIEF	MMAND - EXCEENMAND - SPATIA WINGS OTHER FUSELAGE OTHE FLIGHT CONTROL US ACTS, CONDIT US ACTS, CONDIT HUNDERSTORM ACTOR ING - BRIEFED	SURFACES OTHER TIONS - SEPARATION IN F TIONS - OVERLOAD FAILUR	LIGHT E ONNEL,					
	SKY CONDITION OVERCAST VISIBILITY AT 5 OR OVER (U OBSTRUCTIONS NONE WIND DIRECTIO 150 TYPE OF WEATH	NLIMITED) TO VISION AT A			25 PREC NO TEMP 67 WIND 12	DOO LPITAT NE ERATUR VELOC	T ACCIDENT SITE TION AT ACCIDENT S RE-F CITY-KNOTS LIGHT PLAN	ITE	

FILE	DATE	LOCATION	AIRCRAFT DATA						IGHT JRPOSE		PILOT DATA
3-3681	TIME - 18 DEPARTURE	POINT IN	DAMAGE-DESTROYED TENDED DESTINATION							NAL TRANSF	PRINATE, AGE 52, 1374 TOTAL HOURS, 374 IN TYPE, NOT INSTRUMENT RATED.
	TULSA,O		ARDMORE.OK.		ח	LI A C I		ODED	ATION		
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER UNCONTROLLED PHASE OF OPERATION IN FLIGHT UNCONTROLLED DESCENT									
	PILOT I FACTOR(S) WEATHER WEATHER B WEATHER F	DOPERATION BEYOND E ISORIENTATION FLIGHT SERVICE PERS BSTANTIALLY CORRECT		вч	PH	ONE .					
	SKY CONDI BROKEN	TION		CEILING AT ACCIDENT SITE 400							
	VISIBILIT 5 OR OV		PRECIPITATION AT ACCIDENT SITE NONE								
	NONE	ONS TO VISION AT ACCI LIGHT PLAN R IMPACT	DENT SITE		Т	YPE IF		WEATH	IER CONDIT	IONS	

			BRIEF	S OF AC	IDE	۱TS		
FILE	DATE	LOCATION	AIRCRAFT DATA		S 1	I/N	FLIGHT PURPOSE	PILOT DATA
<b>-</b> 0542	3/2/77 TIME - 164		PIPER PA-24 N8216P DAMAGE-DESTROYED		L O	0	NONCOMMERCIAL	PRIVATE, AGE 38, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
			INTENDED DESTINATION					
	EUGENE, O		KLAMATH FALL.OR					
	TYPE OF AC	CIDENI FAILURE IN FLI	CHT				DF OPERATION _IGHT UNCONTROLLED DESCE	N.T
					-			
	MISCELLA WEATHER WEATHER WEATHER BR	NEOUS ACTS, CONDI - LOW CEILING - RAIN RIEFING - NO RECO	TIONS - OVERLOAD FAILUR TIONS - SEPARATION IN F RD OF BRIEFING RECEIVED T SUBSTANTIALLY CORRECT					
	SKY CONDIT					. I NO	S AT ACCIDENT SITE	
	VISIBILITY	AT ACCIDENT SIT	E		PRE	IP:	ITATION AT ACCIDENT SITE	
		R (UNLIMITED)				NI		
		ONS TO VISION AT NOT REPORTED	ACCIDENT SITE		45	;	ATURE-F	
	WIND DIREC 180	TION-DEGREES			WIN		ELOCITY-KNOTS	
	TYPE OF WE	EATHER CONDITIONS				NE	F FLIGHT PLAN	

FILE	DATE	LUCATION	AIRCRAFT DATA	IN.	JUR I E	S M/N	FLIGHT PURPOSE	PILOT DATA
		TOLEDO, OR	MOONEY MEOF NE659W DAMAGE-DESTROYED	CR- PX-	1 0	0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 62, 1089 TOTAL HOURS, 863 IN TYPE NOT INSTRUMENT RATED.
	DEPARTURE TOLEDO. TYPE OF A	IRPORT - TOLEDO STAT POINT I OR CCIDENT D WITH TREES					DE OPERATION DEF INITIAL CLIMB	
	PILOT I FACTOR(S) WEATHER WEATHER TERRAIN	N COMMAND - ATTEMPTE N COMMAND - INITIATE - LOW CEILING	) FLIGHT IN ADVERSE	WEATHER				
	SKY CONDI OBSCURA	TION			5	0	AT ACCIDENT SITE	_
	3/4 MIL OBSTRUCTI	Y AT ACCIDENT SITE E OR LESS ONS TO VISION AT ACC	IDENT SITE		N TE M	ONE PER	TTATION AT ACCIDENT SIT ATURE-F	E
	BELOW M	EATHER CONDITIONS INIMUMS CLIMBED STRAIGHT OUT	DISAPPEARED INTO FO	NG.CRAS⊦	N	E OF	FLIGHT PLAN D SECONDS LATER.	
3-0652	TIME - 17	57	CESSNA 172N N733VP DAMAGE-DESTROYED	PX-		0		PRIVATE, AGE 28, 180 NSP TOTAL HOURS, 81 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE ALBANY	POINT I OR	NTENDED DESTINATION HILLSBORD•OR					
	TYPE OF A	CCIDENT ON WITH GROUND/WATER					DF OPERATION IGHT OTHER	
	PILOT I FACTOR(S) WEATHER	N COMMAND — CONTINUE N COMMAND — IMPROPER — LOW CEILING					CONDITIONS	
	WEATHER WEATHER B	RIEFING - NO RECORD	F BRIEFING RECEIVED	)				
	WEATHER B	RIEFING - NO RECORD	OF BRIEFING RECEIVED	)			G AT ACCIDENT SITE	
	WEATHER B SKY CONDI OVERCAS VISIBILIT	RIEFING - NO RECORD	OF BRIEFING RECEIVED	)	PRE	200	S AT ACCIDENT SITE	E
	WEATHER B SKY CONDI OVERCAS VISIBILIT 5 OR OV OBSTRUCTI NONE	RIEFING - NO RECORD TION T Y AT ACCIDENT SITE		)	PRE N TYP	200 CIP ONE		E

	BRIEFS OF ACCIDENIS									
FILE		LOCATION	AIRCRAFT DATA		S M/N	FLIGHT PURPOSE	PILOT DATA			
		IR.ASHLAND,OR	PIPER PA-23		1 0 0	NONCOMMERCIAL				
	DEPARTURE EUGENE, O									
	TYPE OF AC COLLISIO		ER CONTROLLED			OF OPERATION LIGHT CLIMB TO CRUISE	<b>.</b>			
	WEATHER WEATHER TERRAIN WEATHER BR WEATHER FO	- CONDITIONS COND - HIGH OBSTRUCTIO IEFING - PARTIAL	BRIEFING BY FLIGHT SER SUBSTANTIALLY CORRECT	ON SYSTE	M ICIN		ITED BY PILOT ACTION			
	SKY CONDIT	ION		CEILING AT ACCIDENT SITE UNKNOWN/NOT REPORTED						
		AT ACCIDENT SITE NOT REPORTED		PRECIPITATION AT ACCIDENT SITE UNKNOWN/NOT REPORTED						
		NS TO VISION AT A	CCIDENT SITE	TEMPERATURE-F.						
	WIND DIREC 320	TION-DEGRĘES	•		WIND V	YELOCITY-KNOTS				
	TYPE OF WE	ATHER CONDITIONS			TYPE O					
		VCST SKY,TOPS 120	OOFT.NO FLT PLAN.AUTOP	LT CLIM			TE 5/17/77•			

-1206 5/23/77 NR.RRIGHTWOOD,OR BELLANCA 17-30A CR- 1 0 0 NONCOMMERCIAL TIME - 1301 N8866V PX- 0 0 0 RUSINESS TOTAL HOURS, 152 IN TYPE DAMAGE—DESTROYED DAMAGE—DESTROYED NATION WALLA WALLA,WA PHASE OF OPERATION COLLIDED WITH TREES IN FLIGHT NORMAL CRUISE  PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS PACTOR(S) WEATHER - FING TERRAIN - HIGH OBSTRUCTIONS WEATHER - FORECAST SHBSTANTIALLY CORRECT  SKY CONDITION OVERCAST VISIBILITY AT ACCIDENT SITE UNKNOWN/NOT REPORTED OBSTRUCTIONS TO VISION AT ACCIDENT SITE UNKNOWN/NOT REPORTED OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOR UND DIRECTION—DEGREES TYPE OF WEATHER CONDITIONS TYPE OF WEATHER CONDITIONS  PLOT TO NO NOWE  WIND DIRECTION—DEGREES TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN NOWE	FILE	DATE LOCA	TION AIRCRAFT DATA	INJURIES FLIGHT F S M/N PURPOSE	PILOT DATA
PROBABLE CAUSE(S)  PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS  FACTOR(S)  WEATHER - LOW CEILING WEATHER - FOG TERRAIN - HIGH OBSTRUCTIONS WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, IN PERSON WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT  SKY CONDITION OVERCAST VISIBILITY AT ACCIDENT SITE UNKNOWN/NOT REPORTED OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG WIND DIRECTION-DEGREES WIND VELOCITY-KNOTS 240  TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN	-1206	TIME - 1301 DEPARTURE POINT HILLSBORO,OR	N8866V DAMAGE-DESTROYED INTENDED DESTINATION	PX- 0 0 0 RUSTNESS	TOTAL HOURS, 152 IN TYPE,
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS  FACTOR(S)  WEATHER - LOW CEILING  WEATHER - FOR  TERRAIN - HIGH OBSTRUCTIONS  WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, IN PERSON  WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT  SKY CONDITION  OVERCAST  VISIBILITY AT ACCIDENT SITE  UNKNOWN/NOT REPORTED  OBSTRUCTIONS TO VISION AT ACCIDENT SITE  FOG  WIND DIRECTION-DEGREES  WIND VELOCITY-KNOTS  TYPE OF WEATHER CONDITIONS  TYPE OF FLIGHT PLAN		COLLIDED WITH TR	EES	IN FLIGHT NORMAL CRUISE	
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS  FACTOR(S)  WEATHER - LOW CEILING  WEATHER - FOR  TERRAIN - HIGH OBSTRUCTIONS  WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, IN PERSON  WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT  SKY CONDITION  OVERCAST  VISIBILITY AT ACCIDENT SITE  UNKNOWN/NOT REPORTED  OBSTRUCTIONS TO VISION AT ACCIDENT SITE  FOG  WIND DIRECTION-DEGREES  WIND VELOCITY-KNOTS  TYPE OF WEATHER CONDITIONS  TYPE OF FLIGHT PLAN					
OVERCAST  VISIBILITY AT ACCIDENT SITE  UNKNOWN/NOT REPORTED  OBSTRUCTIONS TO VISION AT ACCIDENT SITE  FOG  WIND DIRECTION-DEGREES  240  TYPE OF WEATHER CONDITIONS  220  TYPE OF WEATHER CONDITIONS  220  TOTHER PRECIPITATION AT ACCIDENT SITE  UNKNOWN/NOT REPORTED  UNKNOWN/NOT REPORTED  THE PRECIPITATION AT ACCIDENT SITE  TEMPERATURE—F  55  WIND VELOCITY-KNOTS  TYPE OF FLIGHT PLAN		PILOT IN COMMAND PILOT IN COMMAND FACTOR(S) WEATHER - LOW CEI WEATHER - FOG TERRAIN - HIGH DE WEATHER BRIEFING -	- CONTINUED VER FLIGHT INTO - FAILED TO SEE AND AVOID OB: LING STRUCTIONS BRIEFED BY FLIGHT SERVICE PE	ADVERSE WEATHER CONDITIONS JECTS OR OBSTRUCTIONS  RSONNEL, IN PERSON	
VISIBILITY AT ACCIDENT SITE  UNKNOWN/NOT REPORTED  OBSTRUCTIONS TO VISION AT ACCIDENT SITE  FOG  WIND DIRECTION-DEGREES  240  TYPE OF WEATHER CONDITIONS  PRECIPITATION AT ACCIDENT SITE  UNKNOWN/NOT REPORTED  TEMPERATURE-F  55  WIND VELOCITY-KNOTS  TYPE OF FLIGHT PLAN		SKY CONDITION		CEILING AT ACCIDENT SITE	
UNKNOWN/NOT REPORTED  OBSTRUCTIONS TO VISION AT ACCIDENT SITE  FOG  WIND DIRECTION-DEGREES  240  Type of Weather Conditions  UNKNOWN/NOT REPORTED  TEMPERATURE-F  55  WIND VELOCITY-KNOTS  7  Type of Weather Conditions		OVERCAST		2000	
FOG 55 WIND DIRECTION-DEGREES WIND VELOCITY-KNOTS 240 Type of weather conditions Type of flight plan					TE
WIND DIRECTION-DEGREES WIND VELOCITY-KNOTS  240  TYPE OF WEATHER CONDITIONS  TYPE OF FLIGHT PLAN			ION AT ACCIDENT SITE	· - · · - · · · · · · · · · · · · · · ·	
240 7 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN			FES		
IFR		TYPE OF WEATHER CON	DITIONS	TYPE OF FLIGHT PLAN	
		IFR		NONE	

FILE			AIRCRAFT DATA	F	S M/N	PURPOSE	PILOT DATA			
		NR.ELGIN.OR		CR- 1	0 0	NONCOMMERCIAL				
			INTENDED DESTINATION							
	BOISE,		OCEAN SHORES,WA			S. C. C. C. L. T. C. L.				
		TYPE OF ACCIDENT PHASE OF OPERATION  AIRFRAME FAILURE IN FLIGHT IN FLIGHT NORMAL CRUISE								
	WEATHER	R - LOW CEILING								
	WEATHER WEATHER AIRFRAN MISCEL MISCEL	R - TURBULENCE, AS R - DOWNDRAFT.UPDR R - SQUALL LINE ME - WINGS WING A LANEOUS ACTS,CONDI LANEOUS ACTS,CONDI	TTACHMENT FITTINGS,BOLT TIONS - OVERLOAD FAILUR TIONS - SEPARATION IN F	S E LIGHT						
	WEATHER WEATHER AIRFRAM MISCEL MISCEL WEATHER WEATHER	R - TURBULENCE, AS R - DOWNDRAFT,UPDR R - SQUALL LINE ME - WINGS WING A LANEOUS ACTS,CONDI LANEOUS ACTS,CONDI BRIEFING - BRIEFED	AFTS TTACHMENT FITTINGS.BOLT TIONS - OVERLOAD FAILUR TIONS - SEPARATION IN FI BY FLIGHT SERVICE PERS SLIGHTLY WORSE THAN FO	S E LIGHT DNNEL, B						
	WEATHER WEATHER AIRFRAI MISCELI MISCELI WEATHER I WEATHER I MISSING SKY COND OBSCUR	R - TURBULENCE, AS R - DOWNDRAFT, UPDR R - SQUALL LINE ME - WINGS WING A LANEOUS ACTS, CONDI BRIEFING - BRIEFED FORECAST - WEATHER AIRCRAFT - LATER R ITION	AFTS TTACHMENT FITTINGS,BOLT TIONS - OVERLOAD FAILUR TIONS - SEPARATION IN FI BY FLIGHT SERVICE PERS SLIGHTLY WORSE THAN FO ECOVERED	S E LIGHT DNNEL, B RECAST	CEILING UNKNO					
	WEATHER WEATHER AIRFRAI MISCELI MISCELI WEATHER I WEATHER I MISSING SKY COND OBSCURA VISIBILI' 4 MILE	R - TURBULENCE, AS R - DOWNDRAFT, UPDR R - SQUALL LINE ME - WINGS WING A LANEOUS ACTS, CONDI BRIEFING - BRIEFED FORECAST - WEATHER AIRCRAFT - LATER R ITION ATION TY AT ACCIDENT SIT S OR LESS	AFTS TTACHMENT FITTINGS.BOLT TIONS - OVERLOAD FAILUR TIONS - SEPARATION IN FI BY FLIGHT SERVICE PERS SLIGHTLY WORSE THAN FO ECOVERED	S E LIGHT DNNEL, B' RECAST	CEILING UNKNO PRECIP RAIN	E G AT ACCIDENT SITE DWN/NOT REPORTED ITATION AT ACCIDENT SITE THUNDERSTORM				
	WEATHER WEATHER AIRFRAI MISCELI MISCELI WEATHER I WEATHER I MISSING SKY COND OBSCURA VISIBILI' 4 MILE	R - TURBULENCE, AS R - DOWNDRAFT, UPDR R - SQUALL LINE ME - WINGS WING A LANEOUS ACTS, CONDI BRIEFING - BRIEFED FORECAST - WEATHER AIRCRAFT - LATER R ITION ATION ATION TY AT ACCIDENT SIT	AFTS TTACHMENT FITTINGS.BOLT TIONS - OVERLOAD FAILUR TIONS - SEPARATION IN FI BY FLIGHT SERVICE PERS SLIGHTLY WORSE THAN FO ECOVERED	S E LIGHT DNNEL, B' RECAST	CEILING UNKNO PRECIP RAIN	E G AT ACCIDENT SITE DWM/NOT REPORTED ITATION AT ACCIDENT SITE				

	DATE LOCATION	A IRCRAFT DATA	F	S M/N	PURPOSE	PILOT DATA
9	6/8/77 AZALEA+OR TIME - 0834	/8/77 AZALEA+OR CESSNA 172 CR- 1 1 O INSTRUC		COMMERCIAL, FL.INSTR., AGE 27, 663 TOTAL HOURS 75 IN TYPE, INSTRUMENT RATED.		
		INTENDED DESTINATION				
	AURORA+OR	GRANTS PASS.OR				
	TYPE OF ACCIDENT				F OPERATION IGHT CLIMB TO CRUISE	
	COLLISION WITH GROUND					
		EFED BY FLIGHT SERVICE PERSI ECAST SUBSTANTIALLY CORRECT		,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
	SKY CONDITION			CEILING	AT ACCIDENT SITE	
	OBSCURATION			0		
				PRECIPI	TATION AT ACCIDENT SIT	Ē
	VISIBILITY AT ACCIDENT	SITE		NONE		_
					WEATHER CONDITIONS	
	ZERO OBSTRUCTIONS TO VISION FOG TYPE OF FLIGHT PLAN			TYPE OF	WEATHER CONDITIONS	
	ZERO OBSTRUCTIONS TO VISION FOG			TYPE OF	WEATHER CONDITIONS	

### BRIES DE ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA		F S	M/N		FLIGHT PURPOSE		PILOT DATA
1-2207	8/18/77 TIME - 191	ELGIN•OR 5	CESSNA 195A N4304V DAMAGE-DESTROYED	CR-	1	0 0	NON	COMMERCIAL		COMMERCIAL, FL.INSTR., AGE 43, 750 TOTAL HOURS, 100 IN TYPE, INSTRUMENT RATED.
	DEPARTURE WALLA WA		INTENDED DESTINATION LAGRANDE.OR							
	TYPE OF AC		РН	ASE	OF OF	PERATION				
	ENGINE FAILURE OR MALFUNCTION IN FL							NORMAL CRUI LEVEL OFF/TOU		
	FACTOR(S)									
	POWERPLA MISCELLA WEATHER COMPLETE P WEATHER BR EMERGENCY	NT - LUBRICATING NEOUS ACTS, CONDI - HIGH TEMPERATU OWER LOSS - COMP IEFING - NO RECO CIRCUMSTANCES -	PTED OPERATION W/KNOWN I SYSTEM LINES, HOSES, FI TIONS - LEAK/LEAKAGE RE LETE ENGINE FAILURE/FLA RD OF BRIEFING RECEIVED FORCED LANDING OFF AIRP	TTING	I EN	GINE D				
	POWERPLA MISCELLA WEATHER COMPLETE P WEATHER BR EMERGENCY SKY CONDIT	NT - LUBRICATING NEOUS ACTS, CONDI - HIGH TEMPERATU OWER LOSS - COMP IEFING - NO RECO CIRCUMSTANCES -	SYSTEM LINES,HOSES,FI TIONS - LEAK/LEAKAGE RE LETE ENGINE FAILURE/FLA RD OF BRIEFING RECEIVED	TTING	I EN LAN CE	GINE D ILIN	G AT	ACCIDENT SITE		
	POWERPLA MISCELLA WEATHER COMPLETE P WEATHER BR EMERGENCY SKY CONDIT CLEAR VISIBILITY	NT - LUBRICATING NEOUS ACTS, CONDI - HIGH TEMPERATU OWER LOSS - COMP IEFING - NO RECO CIRCUMSTANCES -	SYSTEM LINES, HOSES, FI TIONS - LEAK/LEAKAGE RE LETE ENGINE FAILURE/FLA RD OF BRIEFING RECEIVED FORCED LANDING OFF AIRP	TTING	I EN LAN CE PR	GINE D ILING UNLI	G AT MITEN ITATI	ACCIDENT SITE	T SITE	
	POWERPLA MISCELLA WEATHER COMPLETE P WEATHER BR EMERGENCY SKY CONDIT CLEAR VISIBILITY 5 OR OVE OBSTRUCTIO	NT - LUBRICATING NEOUS ACTS.CONDI - HIGH TEMPERATU OWER LOSS - COMP IEFING - NO RECO CIRCUMSTANCES - ION AT ACCIDENT SIT	SYSTEM LINES, HOSES, FITIONS — LEAK/LEAKAGE RE LETE ENGINE FAILURE/FLA RD OF BRIEFING RECEIVED FORCED LANDING OFF AIRP	TTING	I EN LAN CE PR TE	GINE D ILING UNLI ECIP NONE MPER	G AT MITEN ITATI	ACCIDENT SITE	T SITE	
	POWERPLA MISCELLA MEATHER COMPLETE P WEATHER BR EMERGENCY SKY CONDIT CLEAR VISIBILITY 5 OR OVE OBSTRUCTIO NONE	NT - LUBRICATING NEOUS ACTS, CONDI - HIGH TEMPERATU OWER LOSS - COMP IEFING - NO RECO CIRCUMSTANCES - ION  AT ACCIDENT SIT R(UNLIMITED)	SYSTEM LINES, HOSES, FITIONS — LEAK/LEAKAGE RE LETE ENGINE FAILURE/FLA RD OF BRIEFING RECEIVED FORCED LANDING OFF AIRP	TTING	I EN LAN CE PR TE WI	GINE D ILING UNLI ECIP NONE MPER 100	G AT MITER ITATI ATURE	ACCIDENT SITE	T SITE	

FILE			AIRCRAFT DATA		S M/	'N	PURPOSE		PILOT DATA		
3-2206	9/21/77 NR.ASH TIME - 0710 DEPARTURE POINT	IL AND + OR	CESSNA 180 N9999N DAMAGE-DESTROYED	CR- PX-	1 0	0	NONCOMMERCIAL		COMMERCIAL, AGE 29, 620 TOTAL HOURS, 326 IN TYPE INSTRUMENT RATED.		
	ASHLAND, OR.		AUBURN, CA.								
	TYPE OF ACCIDEN					-	OPERATION				
	COLLIDED WITH	TREES			IN	FLI	GHT CLIMB TO CRUI	SE			
	PROBABLE CAUSF(S)										
	PILOT IN COMMAND - CONTINUED VER FLIGHT INTO ADVERSE WEATHER CONDITIONS										
	FACTOR(S)										
	WEATHER - LOV										
	TERRAIN - HIGH OBSTRUCTIONS										
	WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED										
	MISSING AIRCRAF	·I - LAIER RI	ECOVERED								
	SKY CONDITION				CEIL	NG	AT ACCIDENT SITE				
	OVERCAST				35 (	00		01.72.77			
	VISIBILITY AT A	ACCIDENT SIT	E		PREC	SITE					
	5 OR OVER (UNL	.IMITED)			100	١E					
	DESTRUCTIONS TO	VISION AT	ACCIDENT SITE	TEMPERATURE-F							
	NONE				54						
	WIND DIRECTION-	-DEGREES			WIND	٧EL	.DCITY-KNOTS				
	350				3						
	TYPE OF WEATHER	CONDITIONS	•				FLIGHT PLAN				
	VFR				100	١E					
	VFR FIRE AFTER IMPA	\CT			ומא	۱E					

FILE	DATE	LOCATION	AIRCRAFT DATA					FLIGHT PURPOSE		PILOT DATA
3-2782	MINAN LOD	POINT DGE,OR	CESSNA 206 N35904 DAMAGE-DESTROYED INTENDED DESTINATION LAGRANDE, OR		0	0	0			PRIVATE, AGE 40, 418 TOTAL HOURS, 201 IN TYPE, NOT INSTRUMENT RATED.
	TYPE OF ACCIDENT  COLLIDED WITH TREES  PHASE OF OPERATION  IN FLIGHT NORMAL CRUISE									
	WEATHER - WEATHER - TERRAIN -	- LOW CEILING - RAIN - HIGH OBSTRUCTI	OPER IN-FLIGHT DECISIONS ONS ORD OF BRIEFING RECEIVED	OR PL	ANN	ING				
	SKY CONDITION OBSCURATION OBSCURATION OBSCURATION OF THE PROPERTY OF THE PROPE	·E			UNI REC	(NO	AT ACCIDENT SITE WN/NOT REPORTED TATION AT ACCIDENT	SITE		
	FOG	ACCIDENT SITE			42	RΔ	TURE-F			
	130	TION-DEGREES ATHER CONDITIONS	5			16	ΩF	LOCITY-KNOTS FLIGHT PLAN		

ILE	DATE	LOCATION	AIRCRAFT DATA					FLIGHT PURPOSE	PILOT DATA	
3386	TIME - 17	718	N27100 DAMAGE-DESTROYED				NONC BUSI		PRIVATE, AGE 35, 223 TOTAL HOURS, 36 IN TYPE, NOT INSTRUMENT RATED.	
		ARTURE POINT INTENDED DESTINATION ILLSBORG.OR BURLINGTON.WA								
	TYPE OF ACCIDENT				Ρ	HASE	OF OPE	RATION		
	COLLISI	ON WITH GROUND/WATE	R UNCONTROLLED			IN F	LIGHT	UNCONTROLLED DE	ESCENT	
	PILOT I PILOT I FACTOR(S) WEATHER WEATHER WEATHER WEATHER B	PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARAT PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADV PILOT IN COMMAND - SPATIAL DISORIENTATION FACTOR(S) WEATHER - LOW CEILING WEATHER - RAIN WEATHER - FOG WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED MISSING AIRCRAFT - LATER RECOVERED								
	SKY CONDI				С	EILIN 1500	G AT A	ACCIDENT SITE		
		LOWER SCATTERED YEAR ACCIDENT SITE			D		TTATIC	ON AT ACCIDENT SI	I TE	
		OR LESS			PRECIPITATION AT ACCIDENT SITE RAIN					
		IONS TO VISION AT AC	CIDENT SITE	WIND DIRECTION-DEGREES						
	FOG			120						
	WIND VELC	WIND VELOCITY-KNOTS					F WEAT	THER CONDITIONS		
	TYPE OF F	ELIGHT PLAN								
		NO WX BRIEFING.REPO	RTED IN IFR CONDITIONS	S.NR VI	RT	ICAL	DESCEN	NT THRU TREES.LOG	CATED 11/5/77.	

		F S M/N	FLIGHT PURPOSE	PILOT DATA
·2/24/77 JOHNSTOWN,F TIME - 1457		CR- 1 0 0	NONCOMMERCIAL PRACTICE	COMMERCIAL, AGE 35, 1300 TUTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - JOHN				
DEPARTURE POINT SOMERSET.PA	INTENDED DESTINATION RETURN	LAST EN		
TYPE OF ACCIDENT	KETUKN		TOWN, PA F OPERATION	
	D/WATER CONTROLLED		NG INITIAL APPROACH	
WEATHER FORECAST - FOR	EFED BY FLIGHT SERVICE PERS ECAST SUBSTANTIALLY CORRECT	ONNEL, BY PHONE		
SKY CONDITION OVERCAST		CEILING 1200	AT ACCIDENT SITE	
VISIBILITY AT ACCIDENT 3 MILES OR LESS	SITE		TATION AT ACCIDENT SIT	E
OBSTRUCTIONS TO VISION FOG	AT ACCIDENT SITE	TYPE OF	WEATHER CONDITIONS	
TYPE OF FLIGHT PLAN IFR				

	DATE LOCATION	AIRCRAFT DATA	F S M/N PURPOSE	PILOT DATA
-0001	2/24/77 BRESSLER.PA TIME - 0924	PIPER PA-31T N631PT DAMAGE-DESTROYED	CR- 2 0 0 MISCELLANEOUS PX- 6 0 0 OTHER PUBLIC	ATP,FLIGHT INSTR., AGE 35, 4469 TOTAL HOURS, 32 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - CAPITAL DEPARTURE POINT NEW CUMBERLAND.PA TYPE OF ACCIDENT COLLISION WITH GROUND/W	В		
		D BY FLIGHT SERVICE PERSO	A IRCRAFT-WEIGHT-AND/OR C.G.	
	SKY CONDITION OBSCURATION		CEILING AT ACCIDENT SIT	E
	SKY CONDITION OBSCURATION VISIBILITY AT ACCIDENT SI 3/4 MILE OR LESS	TE	CELLING AT ACCIDENT SIT 500 PRECIPITATION AT ACCIDE NONE	
	OBSCURATION VISIBILITY AT ACCIDENT SI		500 PRECIPITATION AT ACCIDE	
	OBSCURATION VISIBILITY AT ACCIDENT SI 3/4 MILE OR LESS OBSTRUCTIONS TO VISION AT		500 PRECIPITATION AT ACCIDE NONE TEMPERATURE-F	

BRIEFS OF							TS			
FILE	DATE	LOCATION	AIRCRAFT DATA	IN						PILOT DATA
3-0218	3/13/77 TIME - 17		CESSNA U206F N35634 DAMAGE-SUBSTANTIAL					NONCOMMERCIAL		
	NAME OF A DEPARTURE PERKAS,		I INTENDED DESTINATION NORRISTOWN,PA							
	TYPE OF ACCIDENT COLLISION WITH GROUND/WATER UNCONTROLLED PHASE OF OPERATION IN FLIGHT UNCONTROLLED DESCENT									
	PILOT I PILOT I FACTOR(S) WEATHER WEATHER WEATHER WEATHER B	N COMMAND - INADERU N COMMAND - CONTINI N COMMAND - SPATIAI - LOW CEILING - RAIN - FOG RIEFING - NO RECORT	JATE PREFLIGHT PREPARAT JED VFR FLIGHT INTO ADV DISORIENTATION  OF BRIEFING RECEIVED SUBSTANTIALLY CORRECT							
	SKY CONDI OVERCAS				80	0	AT ACCIDENT SITE			
		Y AT ACCIDENT SITE OR LESS			F		IPI IZZ	TATION AT ACCIDENT	SITE	
	OBSTRUCT I FOG	ONS TO VISION AT A	CCIDENT SITE		1	EMP) 63		TURE-F		
	WIND DIRE	CTION-DEGREES			٨	/IND		LDCITY-KNOTS		
		EATHER CONDITIONS			1	TYPE		FLIGHT PLAN		

FILE			AIRCRAFT DATA	_	F	S M	/ N	FLIGHT PURPOSE	PILOT DATA
-4026		REEDSVILLE.PA	PIPER PA-34	CR-	1	0	0	NONCOMMERCIAL	
	DEPARTURE	IRPORT - MIFFLIN COU POINT I ITY•PA	NTENDED DESTINATION						
	TYPE OF ACCIDENT  COLLISION WITH GROUND/WATER CONTROLLED  PHASE OF OPERATION  IN FLIGHT NORMAL CRUISE								
	PILOT I FACTOR(S) WEATHER WEATHER WEATHER B	N COMMAND — IMPROPER — LOW CEILING — EOG	OF BRIEFING RECEIVED		дии	1106			
						. UN	(ND [P]	AT ACCIDENT SITE WN/NOT REPORTED TATION AT ACCIDENT SITE	
	FOG	ONS TO VISION AT ACC	IDENT SITE		1		ŊF	WEATHER CONDITIONS MINIMUMS	
	TYPE OF F IFR FIRE AFTE	LIGHT PLAN R IMPACT							

#### BRIDES DE ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	F	9	5 M/	N	PURPOSE		PILOT DATA
3 <b>-</b> 3925	TIME - 193	-	BEECH D95A N1199T DAMAGE-SUBSTANTIAL	CR-	0	1	0	NONCOMMERCIAL PLEASURE/PERSONAI		
	DEPARTURE	RPORT - JOHNSTOWN POINT F.NC	INTENDED DESTINATION							
	CHARLOTTE,NC JAMESTOWN,NY  TYPE OF ACCIDENT PHASE OF OPERATION  STALL LANDING FINAL APPROACH									
	PROBABLE CAUSE(S) PILOT IN COMMAND - MISUSED OR FAILED TO USE FLAPS PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED									
	PILOT IN WEATHER MISCELLA WEATHER BR WEATHER FO	COMMAND - CONTIN - ICING CONDITION NEOUS ACTS, CONDIT IEFING - BRIEFED RECAST - UNKNOWN/ CIRCUMSTANCES - P	TED OPERATION BEYOND E UED VFR FLIGHT INTO AD S-INCLUDES SLEET, FREEZ IONS - AIRFRAME ICE BY FLIGHT SERVICE PERS NOT REPORTED RECAUTIONARY LANDING O DVERSE/UNFAVORABLE WEA	VERSE WING RAI	EAT N,E	THER TC.	CO	NDITIONS		
	SKY CONDIT				CE	ILI 150		AT ACCIDENT SITE		
		AT ACCIDENT SITE R (UNLIMITED)					-	ATION AT ACCIDEN <sup>°</sup> NG RAIN	SITE	
		NS TO VISION AT A	CCIDENT SITE				DIR	ECTION-DEGREES		
	WIND VELOC	ITY-KNOTS			TY		)F	WEATHER CONDITION	ıs	
	TYPE OF FL NONE	IGHT PLAN								
	REMARKS- P	ILOT'S CERTIFICAT	E WAS SUSPENDED EFF 11	/1/77.						

FILE	DATE	LOCATION	AIRCRAFT DATA	INJ F	URIES S M	/N	FLIGHT PURPOSE		PILOT DATA		
3-0628	3/15/77 TIME - 1	CHARLESTON.SC 208	PIPER PA-32 N43216 DAMAGE-DESTROYED	CR- PX-	1 0	0	NONCOMMERCIAL PLEASURE/PERSONAL	TRANSP	PRIVATE, AGE 47, 601 TOTAL HOURS, 508 IN TYPE INSTRUMENT RATED.		
	DEPARTUR WILKES	AIRPORT - CHARLESTON P E POINT IN -BARRE+PA	MINI FIENDED DESTINATION CHARLESTON,SC								
	TYPE OF ACCIDENT STALL SPIN  LANDING GO-AROUND										
		CAUSE(S) IN COMMAND - FAILED TO )	ORTAIN/MAINTAIN FLY	ING SP	ΕĐ						
	PILOT	IN COMMAND - DELAYED IN COMMAND - IMPROPER R - UNFAVORABLE WIND (	COMPENSATION FOR WIT		ITION	s					
	SKY COND	ITIUN					AT ACCIDENT SITE				
	VISIBILI	TY AT ACCIDENT SITE VER(UNLIMITED)				ĪΡΙ	TATION AT ACCIDENT	SITE			
	NONE	TONS TO VISION AT ACC:	DENT SITE		RΙ	GHT	E BEARING OF WIND CROSS WIND 068-11	2 DEGREE	:s		
	290 TYPE OF		14		LOCITY-KNOTS FLIGHT PLAN						
	VFR	WND GUSTING 18K			IF						
3-2717		NR.LODGE.SC 800	PIPER PA-28 N6334W DAMAGE-DESTROYED	PX-	1 0	0	PLEASURE/PERSONAL	TRANSP	PRIVATE, AGE 50, 171 TOTAL HOURS, 149 IN TYPE NOT INSTRUMENT RATED.		
			TENDED DESTINATION						. 4		
		ALE.SC ACCIDENT	LORIS.SC		PHAS	E O	F OPERATION				
		ION WITH GROUND/WATER	UNCONTROLLED				IGHT UNCONTROLLED	DESCENT			
	PILOT	CAUSE(S) IN COMMAND - INITIATED IN COMMAND - SPATIAL D		<b>VEATHER</b>	COND	ΙΤΙ	ONS				
	WEATHE WEATHE WEATHE	R - LOW CEILING R - RAIN R - EOG									
		BRIEFING - BRIEFED BY FORECAST - WEATHER CO				ONE					
	SKY COND		•	CEILING AT ACCIDENT SITE							
	2 MILE	TY AT ACCIDENT SITE S OR LESS			R۸	ΙN	TATION AT ACCIDENT				
	FOG	TONS TO VISION AT ACC! FLIGHT PLAN	DENT SITE		TYPE		WEATHER CONDITION	5			
	NONE	I CT-COUL P CAN					•				

FILE	DATE	LOCATION	AIRCRAFT DATA	INJUR F	IES S M/N	FLIGHT PURPOSE	PILOT DATA
3 <b>-</b> 2692	6/13/77 TIME - 09	MADISON+SD	MODNEY M20J N201P	CR- 1 PX- 0	0 0 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 27, 159 TOTAL HOURS, 43 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE WAHPETO	POINT IN	TENDED DESTINATIO	)N			NOT INDINGUES SALED
	TYPE OF A	CCIDENT ON WITH GROUND/WATER		P		F OPERATION IGHT UNCONTROLLED DE	SCENT
	PILOT I FACTOR(S)	N COMMAND - CONTINUED N COMMAND - SPATIAL D	ISORIENTATION				
	WEATHER WEATHER						
		DRECAST - FORECAST SU			RADIO		
		TION Y AT ACCIDENT SITE			UNKNO RECIPI	AT ACCIDENT SITE WN/NOT REPORTED TATION AT ACCIDENT SI	TE
	OBSTRUCTI FOG	I/NOT REPORTED ONS TO VISION AT ACCI LIGHT PLAN	DENT SITE	т	DRIZZ YPE OF IFR	WEATHER CONDITIONS	
	NONE REMARKS-	ADVISED ENROUTE BY FS	S OF AIRMET.				
3-3623	9/3/77 TIME - 08	EAGLE BUTTE, SD	PIPER PA-28 N7731W DAMAGE-DESTROYED	PA- 2	0 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TR	PRIVATE, AGE 46, 322 ANSP TOTAL HOURS, 215 IN TYPE NOT INSTRUMENT RATED.
		\IRPORT - EAGLE BUTTE E POINT IN BUTTE∙SD		)N			
	TYPE OF A	CCIDENT ON WITH GROUND/WATER		Р		F OPERATION IGHT UNCONTROLLED DE	SCENT
	PILOT I	N COMMAND - INITIATED N COMMAND - SPATIAL O		E WEATHER C	ITIONC	ONS	
	PILOT I PILOT I FACTOR(S) WEATHER	N COMMAND - INITIATED N COMMAND - SPATIAL D R - LOW CEILING - RAIN		E WEATHER C	IT I DNC	nns	
	PILOT I PILOT I FACTOR(S) WEATHER WEATHER WEATHER WEATHER	N COMMAND - INITIATED N COMMAND - SPATIAL D R - LOW CEILING R - RAIN	SISORIENTATION FLIGHT SERVICE PE	RSONNEL, BY			
	PILOT I PILOT I FACTOR(S) WEATHER WEATHER WEATHER WEATHER	N COMMAND - INITIATED N COMMAND - SPATIAL ( R - LOW CEILING R - RAIN R - FOG RIEFING - BRIEFED BY ORECAST - FORECAST SU	SISORIENTATION FLIGHT SERVICE PE	ERSONNEL. BY	PHONE		
	PILOT I PILOT I FACTOR(S) WEATHER WEATHER WEATHER WEATHER B WEATHER F SKY CONDI OVERCAS VISIBILIT 3 MILES	N COMMAND - INITIATED N COMMAND - SPATIAL ( R - LOW CEILING R - RAIN R - FOG RIEFING - BRIEFED BY ORECAST - FORECAST SU	DISORIENTATION FLIGHT SERVICE PE	ERSONNEL - BY ECT C P	PHONE EILING 400 RECIPI DRIZZ	AT ACCIDENT SITE TATION AT ACCIDENT SI	ΤΕ

FILE	DATE	LOCATION	AIRCRAFT DATA	INJU F	RIES S M/N	4 1	FLIGHT PURPOSE		PILOT DATA
3-4147	11/29/77 TIME - 223 DEPARTURE RAPID CI TYPE OF AC	HILL CITY+SD  POINT TY+SD CIDENT	DAMAGE-DESTROYED INTENDED DESTINATION GILLETTE, WY	CR- 1 PX- 0	O CO	OF OP	COMMERCIAL ASURE/PERSONAL ERATION	TRANSP	PRIVATE, AGE 30, 244 TOTAL HOURS, 86 IN TYPE, NOT INSTRUMENT RATED.
	PROBABLE OF PILOT IN PILOT IN FACTOR(S) WEATHER WEATHER BR	COMMAND - CONTINUE COMMAND - SPATIAL - SNOW IEFING - BRIEFED BY	ED VER FLIGHT INTO AD		A THER	CONDI	UNCONTROLLED	DESCÉNI	
	UNKNOWN/ OBSTRUCTIO	AT ACCIDENT SITE NOT REPORTED NS TO VISION AT ACC	LIDENT SITE	I	UNKN PRECIP UNKN TYPÉ C	NOWN/NI PITATII NOWN/NI DF WEA	ACCIDENT SITE OT REPORTED ON AT ACCIDENT OT REPORTED THER CONDITION OT REPORTED		
3-3827	TIME - 230	RPORT - HURON	PIPER PA-28 N5288T DAMAGE-DESTROYED				COMMERCIAL ASURE/PERSONAL		PRIVATE, AGE UNK/NR, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
	TYPE OF AC	S+SD	NTENDED DESTINATION MILLER + SD R UNCONTROLLED	I			ERATION NORMAL CRUIS	E	
	PILOT IN FACTOR(S) WEATHER WEATHER WEATHER BR	COMMAND - CONTINUE COMMAND - SPATIAL - LOW CEILING - SNOW IEFING - BRIEFED BY	D VFR FLIGHT INTO AD' DISORIENTATION  ( FLIGHT SERVICE PERSON	ONNEL, B			TIONS		
	4 MILES OBSTRUCTIO	AT ACCIDENT SITE OR LESS NS TO VISION AT ACC	IDENT SITE	1	1900 PRECIP SNOW TEMPER	)		SITE	
	BLOWING WIND DIREC 320	SNOW TION-DEGREES		1	31 VIND V	/ELOCI	TY-KNOTS		

FILE	DATE	LOCATION	AIRCRAFT DATA	INJ	UR I S	S M/I	FLIGHT PURPOSE		PILOT DATA
3-4164	SIOUX F.	ALLS,SD	BEECH C33 N9435S DAMAGE-DESTROYED NTENDED DESTINATION SIOUX CITY,IA		1 0 0 PH.	ASE	) NONCOMMERCIAL ) PLEASURE/PERSONAL OF OPERATION LIGHT UNCONTROLLED	TRANSP	PRIVATE, AGE 31, 120 TOTAL HOURS, 8 IN TYPE, NUT INSTRUMENT RATED.
	PROBABLE ( PILOT II PILOT II FACTOR(S) WEATHER WEATHER WEATHER BI	CAUSE(S)  N COMMAND - INITIATE  N COMMAND - SPATIAL  - LOW CELLING - SNOW  RIEFING - BRIEFED BY	D FLIGHT IN ADVERSE N	WEATHER	COI	NDI '	FIONS		
	5 OR OVI OBSTRUCTI BLOWING WIND DIRE 310 TYPE OF W	T Y AT ACCIDENT SITE ER(UNLIMITED) ONS TO VISION AT ACC SNOW CTION-DEGREES EATHER CONDITIONS /NOT REPORTED	IDENT SITE		PR TE WI	2000 ECII SNOV MPEI 25 ND	PITATION AT ACCIDENT I SHOWERS RATURE-F VELOCITY-KNOTS OF FLIGHT PLAN	SITE	
3-3936	TIME - UNI	K/NR POINT I A•GA	STINSON 108-3 N6734M DAMAGE-DESTROYED NTENDED DESTINATION BRIGHTON,MI	PX-	O I	ST I	) PLEASURE/PERSONAL	TRANSP	PRIVATE, AGE 59, 9100 TOTAL HOURS, UNK/AR IN TYPE, NOT INSTRUMENT RATED.
	PROBABLE PILOT I FACTOR(S) WEATHER	N COMMAND - CONTINUE	D VFR FLIGHT INTO AD	VERSE W			CONDITIONS	E	
	UNKNOWN OBSTRUCTI UNKNOWN TYPE OF F NONE	ED Y AT ACCIDENT SITE //NOT REPORTED ONS TO VISION AT ACC /NOT REPORTED LIGHT PLAN	IDENT SITE		PRI TY	UNK ECII UNK PE I VFR	NG AT ACCIDENT SITE NOWN/NOT REPORTED PITATION AT ACCIDENT NOWN/NOT REPORTED DE WEATHER CONDITION	S	

FILE	DATE	LOCATION	AIRCRAFT DATA	INJ( F	JRIES S M,	'N	FLIGHT PURPOSE	PILOT DATA
3 <b>-</b> 2707	9/5/77 TIME - 21: DEPARTURE	HARRIMAN, TN 37 POINT	PIPER PA-28 N32044 DAMAGE-DESTROYED INTENDED DESTINATION	CR- 3 PX- 1	l 0 l 0	0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSF	PRIVATE, AGE 22, 198 TOTAL HOURS, 39 IN TYPE, NOT INSTRUMENT RATED.
	TYPE OF A		MORFREESBURD + IN		PHASE	01	F OPERATION IGHT UNCONTROLLED DESCEN	
	PROBABLE ( PILOT II PILOT II FACTOR(S) PILOT II	CAUSE(S) N COMMAND - CONTINU N COMMAND - CONTINU	JED VFR FLIGHT INTO AD JED FLIGHT INTO KNOWN ER IN-FLIGHT DECISIONS	AREAS OF	EATHER SEVE	R CO	ONDITIONS	
	SKY CONDI				CEILI 300		AT ACCIDENT SITE	
	VISIBILITY 5 OR OVE OBSTRUCTION	Y AT ACCIDENT SITE ER(UNLIMITED) ONS TO VISION AT AC	CCIDENT SITE		PREC!	PI JNDI OF	TATION AT ACCIDENT SITE ERSTORM, RAIN WEATHER CONDITIONS	
	NONE	LIGHT PLAN FLEW INTO THUNDER (	CELL		15,	•		
-3726	DEPARTURE	POINT	DAMAGE-DESTROYED INTENDED DESTINATION	CR- 1 PX- 1	1 0 1 0	0	MISCELLANEOUS FERRY	COMMERCIAL, AGE 30, 624 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
	TYPE OF A	CC 7 1	***************************************				F OPERATION IGHT NORMAL CRUISE	
	PILOT II FACTOR(S)	N COMMAND - CONTINI N COMMAND - EXCEEDE	UED FLIGHT INTO KNOWN ED DESIGNED STRESS LIM	ITS OF A	4 IRCR	\FT	TURBULENCE	
	MISCELLA WEATHER BE	RIEFING - BRIEFED F	FIVITY IONS — SEPARATION IN F BY FLIGHT SERVICE PERS SUBSTANTIALLY CORRECT	ONNEL, E	зү РНС	NE		
	1 MILE O OBSTRUCTION HAZE	T Y AT ACCIDENT SITE	CCIDENT SITE		500 PREC RAI	PI IPI IN, OF	AT ACCIDENT SITE TATION AT ACCIDENT SITE THUNDERSTORM WEATHER CONDITIONS	
	IFR	GENERAL DISINTEGRA	TION					

FILE	DATE	LOCATION	AIRCRAFT DATA					FLIGHT PURPOSE		PILOT DATA
3-4094	12/4/77 TIME - 165		CESSNA 172H N75923 DAMAGE-DESTROYED					NONCOMMERCIAL PLEASURE/PERSONAI		PRIVATE, AGE 50, 168 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
		POINT E•IN	INTENDED DESTINATION PENSACOLA, FL		_			OUTE STOP		
	TYPE OF AC		PENSACOCATIE					OPERATION		
			TER UNCONTROLLED					GHT UNCONTROLLE	DESCENT	
	WEATHER BR	IEFING - BRIEFED	BY FLIGHT SERVICE PERSI T SUBSTANTIALLY CORRECT	ONNEL,	ву	PHO	ONE			
	SKY CONDIT	ION			С	EIL:		AT ACCIDENT SITE		
		AT ACCIDENT SIT	E		P		IPIT	ATION AT ACCIDEN	TSITE	
		NS TO VISION AT	ACCIDENT SITE		T		OF	WEATHER CONDITION	NS	
	TYPE OF FL	· · · · · · ·								

FILE	DATE	<b>LUCATION</b>	AIRCRAFT DATA					FLIGHT PURPOSE	PILOT DATA		
3-0230	1/12/77 TIME - 19	PAMPA TX 15	BEECH 95-B55 N179W DAMAGE-DESTROYED						PRIVATE, AGE 37, 888 TOTAL HOURS, 102 IN TYPE, INSTRUMENT RATED.		
		IRPORT - PERRY LE							2.00		
	DEPARTURE POINT INTENDED DESTINATION GREENVILLE TX PAMPA TX										
	TYPE OF A		12		Р	HAS	En	FOPERATION			
	STALL SPIN LANDING TRAFFIC PATTERN-CIRCLING										
	WEATHER WEATHER WEATHER B	RIEFING - BRIEFED	BY FLIGHT SERVICE PERS I SUBSTANTIALLY CORRECT	ONNÉ L +	ВҮ	PH	ONE				
	SKY CONDI OBSCURA				С			AT ACCIDENT SITE			
		Y AT ACCIDENT SITE	=	PRECIPITATION AT ACCIDENT SITE							
		E OR LESS		NONE							
	OBSTRUCTIONS TO VISION AT ACCIDENT SITE					WIND DIRECTION-DEGREES					
		FOG WIND VELOCITY-KNOTS					180 TYPE OF WEATHER CONDITIONS BELOW MINIMUMS				
	TYPE OF F	LIGHT PLAN				-					
	REMARKS-	2ND ADF APCH.CIRC	ING TO LAND.								

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FILE	DATE			F	S M/N	FLIGHT PURPOSE	PILOT DATA					
s=1 082		NR.BECKMAM, TX	SWEARINGEN SA266T N34SM DAMAGE-DESTROYED	CR- 2	0 0		AIRLINE TRANSPORT, AGE 56, 18812 TOTAL HOURS, 283 IN TYPE, INSTRUMENT					
	DEPARTURE POINT INTENDED DESTINATION SEATTLE, WA SAN ANTONIO, TX TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH TREES LANDING INITIAL APPROACH											
	PILOT IN COMMAND - IMPROPER IFR OPERATION  FACTOR(S)  WEATHER - LOW CEILING  WEATHER - RAIN  WEATHER - FOG  MISCELLANEOUS ACTS, CONDITIONS - PILOT FATIGUE  WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY RADIO  WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT											
	WEATH MISCE WEATHER	ER - FOG LLANEOUS ACTS,CONDI BRIEFING - BRIEFED	BY FLIGHT SERVICE PERS	ONNEL, B	Y RADI	0						
	WEATH MISCE WEATHER WEATHER SKY CON OBSCU VISIBIL	ER - FOG LLAMEOUS ACTS, CONDI BRIEFING - BRIEFEC FORECAST - FORECAS DITION RATION ITY AT ACCIDENT SIT	) BY FLIGHT SERVICE PERS ST SUBSTANTIALLY CORRECT		CEILIM 200	NG AT ACCIDENT SIT						
	WEATH MISCE WEATHER WEATHER SKY CON OBSCU VISIBIL 2 MIL OBSTRUC FOG	ER - FOG LLAMEOUS ACTS, CONDI BRIEFING - BRIEFEG FORECAST - FORECAS DITION RATION	D BY FLIGHT SERVICE PERS ST SUBSTANTIALLY CORRECT		CEILIN 200 PRECIF DRIZ TEMPER 49	NG AT ACCIDENT SIT						

		(3/(1.5)	3 111 400192141	5	
 DATE		AIRCRAFT DATA	F S M/	N PURPOSE	PILOT DATA
3/24/77 TIME - 19	SPRING•TX 34	NA ROCKWELL 112 N1095J DAMAGE-DESTROYED		O NONCOMMERCIAL	
	IRPORT - DAVID WAY				
	PUINI PWN•TX	INTENDED DESTINATION			
TYPE OF A		HUUSTUM+TX	DUACE	OF OPERATION	
	D WITH TREES			DING FINAL APPROACH	
PROBABLE PILOT I	CAUSE(S) N COMMAND - IMPROF	PER IFR OPERATION			
SYSTEMS	- ELECTRICAL SYST - LOW CEILING - RAIN	PTED OPERATION W/KNOWN EM REGULATOR	DEFICIENCIES	IN EQUIPMENT	
		BY FLIGHT SERVICE PERS SUBSTANTIALLY CORRECT		NE	
SKY CONDI			CEILI 400	NG AT ACCIDENT SITE	
	Y AT ACCIDENT SITE OR LESS		PRECI RAI	PITATION AT ACCIDENT	SITE
	ONS TO VISION AT	ACCIDENT SITE		RATURE-F	
WIND DIRE	CTION-DEGREES		WIND 10	VELOCITY-KNOTS	
TYPE OF W	EATHER CONDITIONS		TYPE IFR	OF FLIGHT PLAN	
		FOUND INOP.AUX PWR REC		T ENG AT GEORGETOWN.	

	LOCATION	AIRCRAFT DATA	TA1							
							FLIGHT PURPOSE		PILOT DATA	
4/1/77 TIME - ]	NR.COMMERCE.TX 1305	PIPER PA-32R N6127J DAMAGE-DESTROYED					NONCOMMERCIAL PLEASURE/PERSONAL		PRIVATE, AGE 29, 750 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.	
DEPARTURE POINT INTENDED DESTINATION LAST ENROUTE STOP ADDISON,TX HOT SPRINGS,AR PARIS,TX TYPE OF ACCIDENT PHASE OF OPERATION AIRFRAME FAILURE IN FLIGHT IN FLIGHT UNCONTROLLED DESCENT										
PILOT FACTOR (S WEATHE WEATHE MISCEL WEATHER	S) ER - LOW CEILING ER - FOG LLANEOUS ACTS,CONDIT BRIEFING - BRIEFED	TIONS - OVERLOAD FAILUR BY WEATHER BUREAU PERSO SUBSTANTIALLY CORRECT	=							
SKY COND			CEILING AT ACCIDENT SITE							
VISIBIL	ITY AT ACCIDENT SITE ES OR LESS	=	PRECIPITATION AT ACCIDENT SITE DRIZZIE DRIZZIE							
OBSTRUCT	TIONS TO VISION AT	ACCIDENT SITE			58 58	RΔ	TURE-F			
WIND DIE	RECTION-DEGREES				IND 10	νEι	OCITY-KNOTS			
TYPE OF IFR	WEATHER CONDITIONS			T	4 P E 10 N		FLIGHT PLAN			

FILE	DATE	LOCATION	AIRCRAFT DATA	INJ F	URIE:	; 1/N		PILOT DATA
	1/21/77 TIME - 20 DEPARTURE LAMAR.O TYPE OF A	GRUVER•TX 007 F POINT II	PIPER PA-28 N276V DAMAGE-DESTROYED VTENDED DESTINATION WOODWARD,OK	CR- PX-	1 0 0 0	0 0	NONCOMMERCIAL BUSINESS  F OPERATION IGHT UNCONTROLLED DESCE	STUDENT, AGE 49, 86 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
	PILOT I PILOT I FACTOR(S) WEATHER WEATHER F	IN COMMAND - ATTEMPTE IN COMMAND - CONTINUE IN COMMAND - SPATIAL	O VER FLIGHT INTO ADDISORIENTATION  FLIGHT SERVICE PERSO	verse w	E A THI	R C		
	1 MILE OBSTRUCTI FOG WIND DIRE 310		IDENT SITE		FREG DR TEMI 56 WINI 10	O IPI IZZI ERA VEI	AT ACCIDENT SITE  TATION AT ACCIDENT SITE  LE  TURE-F  LOCITY-KNOTS  FLIGHT PLAN	
3-0641	5/2/77 TIME - 14 DEPARTURE SAN SAF TYPE OF A	E POINT II BA,TX ACCIDENT	N360 DAMAGE-DESTROYED VITENDED DESTINATION UVALDE,TX	PX-	1 0 0 0	0 0	F OPERATION	COMMERCIAL, AGE 54, 7900 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
	PROBABLE PILOT 1 PILOT I FACTOR(S) WEATHER WEATHER	IN COMMAND — INADEQUA N COMMAND — CONTINUE ) R — LOW CEILING	TE PREFLIGHT PREPARA'  O VFR FLIGHT INTO AD'  OF BRIEFING RECEIVED		D/OR	PLAI		
	1/4 MIL OBSTRUCTI FOG TYPE OF F NONE		IDENT SITE		UN PREC NC	KNOV IPI NE OF	AT ACCIDENT SITE WN/NOT REPORTED TATION AT ACCIDENT SITE WEATHER CONDITIONS	

			BK1EF:			1000				
FILE	DATE	LOCATION	AIRCRAFT DATA			RIES S M		FLIGHT PURPOSE	_	PILOT DATA
3-1228	5/20/77 TIME - 09		CESSNA 310N N41530 DAMAGE-DESTROYED					NONCOMMERCIAL PLEASURE/PERSONAL	TRANSP	CUMMERCIAL, AGE 54, 15000 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
	NAME OF A DEPARTURE AMARILL		AIR TERM INTENDED DESTINATION MINERAL WELLS.TX							
	TYPE OF A	CCIDENT	TER UNCONTROLLED		ı			F OPERATION IGHT UNCONTROLLED	DESCENT	· r
	FACTOR(S) WEATHER WEATHER WEATHER B	N COMMAND - SPATI  - LOW CEILING - FOG RIEFING - BRIEFED	AL DISORIENTATION  BY WEATHER BUREAU PERSI T SUBSTANTIALLY CORRECT	ONNEL	, II	N PE	RSC	N		
	SKY CONDI OBSCURA				(	CE I I	ING	AT ACCIDENT SITE		
		Y AT ACCIDENT SIT .E OR LESS	E		ſ		IPI NE	TATION AT ACCIDENT	SITE	
	OBSTRUCTI FOG	ONS TO VISION AT	ACCIDENT SITE			TE MF		TURE-F		
	WIND DIRE	ECTION-DEGREES			١	WINF		LOCITY-KNOTS		
		EATHER CONDITIONS				TYPE	OF	FLIGHT PLAN VFR CONDITIONS ON	TOP)	

FILE	DATE	LOCATION	AIRCRAFT DATA				FLIGHT PURPOSE	PILOT DATA		
3-1571	5/20/77 TIME - 08	DALLAS•TX 54	BELL 47J N6736D DAMAGE-DESTROYED	CR- PX-	_			COMMERCIAL, AGE 29, 3450 TOTAL HOURS, 47 IN TYPE, INSTRUMENT RATED.		
	DEPARTURE	IRPORT - LOVE FIEL POINT	INTENDED DESTINATION							
	DALLAS.		LOCAL							
	TYPE OF A						OF OPERATION			
	AIRFRAME FAILURE IN FLIGHT IN FLIGHT NORMAL CRUISE									
	FACTOR(S) WEATHER	- TURBULENCE IN F	O TO MAINTAIN ADEQUATE F FLIGHT.CLEAR AIR FIONS — SEPARATION IN FI		X • P •	1•				
	SKY CONDI	. • .					G AT ACCIDENT SITE MITED			
		Y AT ACCIDENT SITE	<del>.</del>			CIP	ITATION AT ACCIDENT SITE			
	OBSTRUCT I NONE	ONS TO VISION AT	ACCIDENT SITE	TEMPERATURE-F 77						
	WIND DIRE	WIND DIRECTION-DEGREES					'ELOCITY-KNOTS			
		EATHER CONDITIONS				PE D	F FLIGHT PLAN			
					-					
	FIRE AFTE	R IMPACT								

FILE	DATE	LOCATION	AIRCRAFT DATA	INJ F	URIES S M	I/N	FLIGHT PURPOSE		PILOT DATA
3-4175	8/28/77 TIME - 09	CANYON,TX 145 E POINT IN	PIPER PA-24 N5209P	CR- PX-	1 0 2 0	0	NONCOMMERCIAL PLEASURE/PERSONAL	TRANSP	PRIVATE, AGE 75, 1870 TOTAL HOURS, 870 IN TYPE NOT INSTRUMENT RATED.
	ROSWELL	NM	AMARILLO,TX						
	TYPE OF A	CCIDENT					OPERATION	DECCENT	
	COLLISI	ON WITH GROUND/WATER	UNCONTRULLED		IN	FLI	GHT UNCONTROLLED	DESCENT	
	PILOT I FACTOR(S)	N COMMAND - CONTINUES N COMMAND - SPATIAL S	ISORIENTATION			R CO	NDITIONS		
	WEATHER WEATHER								
		BRIEFING - BRIEFED BY FORECAST - WEATHER SLI			вү РН	IONE			
	SKY CONDI				CEIL 30		AT ACCIDENT SITE		
	VISIBILIT	Y AT ACCIDENT SITE E OR LESS			PREC		ATION AT ACCIDENT	SITE	
		ONS TO VISION AT ACC	DENT SITE			ERAT	JRE-F		
		CTION-DEGREES			-	VEL	DCITY-KNOTS		
		EATHER CONDITIONS			TYPE		FLIGHT PLAN		
3-3776	12/5/77 TIME - 00	WHARTON,TX	N300GD				NONCOMMERCIAL PLEASURE/PERSONAL		COMMERCIAL, AGE 58, UNK/NR TOTAL HOURS,
			DAMAGE-DESTROYED						UNK/NR IN TYPE, INSTRU-
	NAME OF A	AIRPORT - WHARTON MUN POINT IN	ICIPAL NTENDED DESTINATION WHARTON.TX						
	SAN AND TYPE OF A		WHARTON.TX		DHAS	E DE	OP ER A TI ON		
		ON WITH GROUND/WATER	CONTROLLED				G FINAL APPROACH		
	FACTOR(S)	N COMMAND - CONTINUE							
	WEATHER WEATHER B	IN COMMAND — INADEQUAT R — FOG BRIEFING — NO RECORD ( FORECAST — FORECAST SI	F BRIEFING RECEIVED		υ/UK	PLAN	NI NG		
	SKY CONDI				CEIL	ING	AT ACCIDENT SITE		
	OBSCURA	ATION					N/NOT REPORTED	CITE	
		TY AT ACCIDENT SITE LE OR LESS				IPIT INE	ATION AT ACCIDENT	2115	
	OBSTRUCT	IONS TO VISION AT ACC	IDENT SITE		WIND	) VEL	OCITY-KNOTS		
	GROUND	FOG WEATHER CONDITIONS				LM OF	FLIGHT PLAN		

FILE	DATE		AIRCRAFT DATA	F				FLIGHT PURPOSE		PILOT DATA	
3-4103		(ERRVILLE, TX		CR-						COMMERCIAL, AGE 33, 406 TOTAL HOURS, 200 IN TYP INSTRUMENT RATED.	
		RT - KERRVILLE									
	WINTERS TX	NT	INTENDED DESTINATION SAN ANTONIO.TX								
		TYPE OF ACCIDENT PHASE OF OPERATION									
		VITH GROUND/WATE	R CONTROLLED					NG OTHER			
	PILOT IN COMISCELLANEO FACTOR(S) MISCELLANEO WEATHER - L WEATHER - F WEATHER BRIEF WEATHER BRIEF	DMMAND - FAILED IMMAND - IMPROPE DUS ACTS.CONDITI OW CEILING FIG EIG - BRIEFED F CAST - FORECAST CUMSTANCES - FC	TO FOLLOW APPROVED PR IR IFR OPERATION ONS - IMPROPER EMERGE ONS - COMMUNICATIONS OF FLIGHT SERVICE PERS SUBSTANTIALLY CORRECT ORCED LANDING ON AIRPO	NCY PROFAILURE	В	DUF	RES				
			SPECTED MECHANICAL DI	SCREPAN	IC Y	,					
	SKY CONDITION	,			_	- T	TNC	17: 100 IDENT 6:75			
	OVERCAST	1			CEILING AT ACCIDENT SITE						
	VISIBILITY AT	VISIBILITY AT ACCIDENT SITE . PRECIPITATION AT ACCIDEN  4 MILES OR LESS NONE									
	OBSTRUCTIONS TO VISION AT ACCIDENT SITE TEMPERATURE-F										
	WIND DIRECTION-DEGREES WIND VELOCITY-KNOTS 7										
	TYPE OF WEATH BELOW MINIM					IF	R	FLIGHT PLAN			
	REMARKS- CAUS	SE OF COMM FAILL	JRE UNK∍FLEW INTÓ ΩBSC	URED MI	ÎΝ	SL	OPE.				

	BRIEFS OF ACCIDENTS										
FILE	DATE		AIRCRAFT DATA		F	S M	'N	PURPOSE		PILOT DATA	
				CR-	1	0	0 1	NONCOMMERCIAL	PRIVATE, AGE 60, 486 TOTAL HOURS, 130 IN TYPE, NOT INSTRUMENT RATED.		
										ner menen naren	
	TYPE OF ACCIO		R CONTROLLED		P			OPERATION INITIAL CLIMB			
	PILOT IN CO FACTOR(S) WEATHER - L WEATHER - F PILOT IN CO WEATHER BRIEF	OMMAND — ÎNITÎATI -OW CEILING -OG OMMAND — ATTEMPTI -ING — NO RECORD	ATE PREFITCHT PREPARA'ED FLIGHT IN ADVERSE OF THE PREFITCH PREFITC	VE ATHE	R C	OND	TION	ıs			
	SKY CONDITION OVERCAST VISIBILITY AT	N T ACCIDENT SITE				400		T ACCIDENT SITE	SITE		
	3 MILES OR OBSTRUCTIONS FOG	TO VISION AT ACC	CIDENT SITE		TI		RATU	RE-F			
	WIND DIRECTION					5		OCITY-KNOTS			
	TYPE OF WEATH	HER CONDITIONS			T.	YPE NOI		LIGHT PLAN			

	LOCATION	AIRCRAFT DATA	F S M/N	PURPOSE	
1/24/77 TIME - 02	NR.MOAB.UT	N4171F DAMAGE-DESTROYED		MISCELLANEOUS	STUDENT, AGE 17, 14 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
	IIRPORT - CANYONLAN E POINT		LAST F	NDUITE STOD	
MOAB OT		UNKNOWN/NOT REPORTED			
	ACCIDENT		PHASE	OF OPERATION	
COLLISI	ON WITH GROUND/WAT	ER UNCONTROLLED	IN F	IGHT UNCONTROLLE	D DESCENT
PILOT I PILOT I FACTOR(S) WEATHER MISCELL PILOT WEATHER E	IN COMMAND - ATTEMP IN COMMAND - INITIA IN COMMAND - SPATIA IN - FOG ANEOUS ACTS, CONDIT IN COMMAND - PHYSIC BRIEFING - NO RECOR FORECAST - UNKNOWN/	IONS - STOLEN OR UNAUTH AL IMPAIRMENT D OF BRIEFING RECEIVED	JEATHER CONDIT	IONS AIRCRAFT	
SKY CONDI				G AT ACCIDENT SITE DWN/NOT REPORTED	:
VISIBILIT	TY AT ACCIDENT SITE LE OR LESS			ITATION AT ACCIDEN	AT SITE
	IONS TO VISION AT A	CCIDENT SITE		F WEATHER CONDITIO	DNS
TYPE OF F	-LIGHT · PLAN		_		
REMARKS-	NO KEY FOUND IN IG	NITION, PILOT'S BLOOD (	CONTAINED DIAZ	EPAM AND N-DESMETH	YL DIAZPAM, WHICH IS VALIUM

FILE	DATE	LOCATION	AIRCRAFT DATA			IES S M/		FLIGHT PURPOSE		PILOT DATA
-0668	TIME - 14	- '	DAMAGE-DESTROYED					NONCOMMERCIAL PLEASURE/PERSONA	L TRANSP	COMMERCIAL, FL.INSTR., AGE 44, 15810 TOTAL HOURS, 500 IN TYPE, INSTRUMENT RATED.
	DEPARTURE MOAB, UT	POINT	INTENDED DESTINATION BOISE, ID							
	TYPE OF ACCIDENT PHASE OF OPERATION									
	ENGINE	FAILURE OR MALFUN	ICTION	IN FLIGHT NORMAL CRUISE						
	COLLIDED WITH TREES LANDING FINAL APPROACH									
			INUED VFR FLIGHT INTO A	DVERSE W	۱E۷.	THER	CO	NDITIONS		
	MISCELL FACTOR(S) PILOT 1 WEATHER WEATHER WEATHER COMPLETE	ANEOUS ACTS, CONDING OF SHORT	ONS-INCLUDES SLEET.FREE SSOCIATED W/CLOUDS AND/ PLETE ENGINE FAILURE/FL	OR THUND AMEOUT-1	ER!	S TOR NG I N	MS E	BY PHONE/RADIO.	I IMITED A	NY PILOT ACTION
	MISCELL FACTOR(S) PILOT 1 WEATHER WEATHER COMPLETE WEATHER	ANEOUS ACTS, CONDIN COMMAND - PHYSI - SNOW - ICING CONDITION - TURBULENCE, AS POWER LOSS - COMPRIEFING - PARTIAL	ITIONS - ICE-IN FUEL  ICAL IMPAIRMENT  INS-INCLUDES SLEET, FREE  ISOCIATED W/CLOUDS AND/  PLETE ENGINE FAILURE/FL  BRIEFING BY FLIGHT SE	OR THUND AMEDUT-1 RVICE PE	ER!	S TOR NG I N	MS E	BY PHONE/RADIO,	LIMITED 6	SY PILOT ACTION
	MISCELL FACTOR(S) PILOT 1 WEATHER WEATHER COMPLETE WEATHER E WEATHER F	ANEOUS ACTS, CONDIN COMMAND - PHYSI - SNOW - ICING CONDITION - TURBULENCE, AS POWER LOSS - COMPRIEFING - PARTIAL	ITIONS - ICE-IN FUEL  ICAL IMPAIRMENT  DNS-INCLUDES SLEET, FREE SSOCIATED W/CLOUDS AND/ PLETE ENGINE FAILURE/FL BRIEFING BY FLIGHT SE ST SUBSTANTIALLY CORREC	OR THUND AMEDUT-1 RVICE PE	ER!	S TOR NG I N	MS E	BY PHONE/RADIO.	LIMITED E	SY PILOT ACTION
	MISCELL FACTOR(S) PILOT HI WEATHER WEATHER COMPLETE WEATHER F WEATHER F MISSING A	N COMMAND - PHYSI - SNOW - ICING CONDITIC - TURBULENCE, AS POWER LOSS - COM RIEFING - PARTIAL ORECAST - FORECAS LICCAST - LATER	ITIONS - ICE-IN FUEL  ICAL IMPAIRMENT  DNS-INCLUDES SLEET, FREE SSOCIATED W/CLOUDS AND/ PLETE ENGINE FAILURE/FL BRIEFING BY FLIGHT SE ST SUBSTANTIALLY CORREC	OR THUND AMEOUT—1 RVICE PE T	ERS	S TOR NG I N DNN E	MS E	BY PHONE/RADIO,	LIMITED E	Y PILOT ACTION
	MISCELL FACTOR(S) PILOT 1 WEATHER WEATHER COMPLETE WEATHER E WEATHER E WEATHER E WEATHER E WEATHER F COMPLETE WEATHER OF THE	ANEOUS ACTS, CONDIN COMMAND - PHYS SNOW - ICING CONDITIC - TURBULENCE, AS POWER LOSS - COMMITTED - PARTIAL ORECAST - FORECAS - CIRCUMSTANCES - TION	ITIONS - ICE-IN FUEL  ICAL IMPAIRMENT  INS-INCLUDES SLEET-FREE  SOCIATED W/CLOUDS AND/ PLETE ENGINE FAILURE/FL  BRIEFING BY FLIGHT SE  ST SUBSTANTIALLY CORREC  RECOVERED  FORCED LANDING OFF AIR	OR THUND AMEOUT—1 RVICE PE T	DER! L EI ERS( LAI	STOR NGIN DNNE ND EILI UNK	MS E L, NG NOW	AT ACCIDENT SITE		SY PILOT ACTION
	MISCELL FACTOR(S) PILOT 1 WEATHER WEATHER COMPLETE WEATHER E WEATHER E WEATHER E MISSING A EMERGENCY SKY CONDI OBSCURA VISIBILIT	ANEOUS ACTS, CONDIN COMMAND - PHYSI - SNOW - ICING CONDITIC - TURBULENCE, AS POWER LOSS - COMPRIETING - PARTIAL ORECAST - FORECAST - FORECAST - CIRCUMSTANCES - TION	ITIONS - ICE-IN FUEL  ICAL IMPAIRMENT  INS-INCLUDES SLEET-FREE  SOCIATED W/CLOUDS AND/ PLETE ENGINE FAILURE/FL  BRIEFING BY FLIGHT SE  ST SUBSTANTIALLY CORREC  RECOVERED  FORCED LANDING OFF AIR	OR THUND AMEOUT—1 RVICE PE T	DER! L EI ERS( LAI	STOR NGIN DNNE ND EILI UNK RECI	MS E L, NG NOW PIT	AT ACCIDENT SITE		BY PILOT ACTION

				F	S M/N	FLIGHT PURPOSE	PILOT DATA			
-0541		TOOELE.UT	CESSNA 182H	CR- 1	0 0	NONCOMMERCIAL				
	NAME OF AI DEPARTURE									
	SALT LAKE CITY,UT WENDOVER,UT  TYPE OF ACCIDENT PHASE OF OPERATION  COLLISION WITH GROUND/WATER CONTROLLED IN FLIGHT NORMAL CRUISE									
	PROBABLE CAUSE(S)  PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING  PILOT IN COMMAND - PHYSICAL IMPAIRMENT  MISCELLANEOUS ACTS.CONDITIONS - ALCOHOLIC IMPAIRMENT OF EFFICIENCY AND JUDGMENT  MISCELLANEOUS ACTS.CONDITIONS - FLEW INTO BLIND CANYON  FACTOR(S)  TERRAIN - HIGH OBSTRUCTIONS  WEATHER - DOWNDRAFT.UPDRAFTS									
	TERRAIN WEATHER WEATHER BR WEATHER FO	- DOWNDRAFT.UPDRAFT	S OF BRIEFING RECEIVED OT REPORTED							

	DATE	LOCATION	AIRCRAFT DATA	IN.	JURIES FS N	I/N	FLIGHT PURPOSE	PILOT DATA
3-1298	4/12/77	NR.DUCHESNE.UT 230 E POINT I	CESSNA TU206F	CR-	1 0	0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 57, 463 TOTAL HOURS, 220 IN TYPE NOT INSTRUMENT RATED.
	TYPE OF	ACCIDENT ION WITH GROUND/WATER					F OPERATION IGHT UNCONTROLLED DES	SCENT
	PILOT PILOT PILOT FACTOR(S WEATHER	CAUSE(S) IN COMMAND - CONTINUE IN COMMAND - IMPROPER IN COMMAND - SPATIAL () ) R - SNOW BRIEFING - NO RECORD () FORECAST - FORECAST SI	IN-FLIGHT DECISIONS DISORIENTATION OF BRIEFING RECEIVED				ONDITIONS	
	SKY COND OBSCUR				CEIL	ING	AT ACCIDENT SITE	
	VISIBILI 1/4 MI	TY AT ACCIDENT SITE LE OR LESS			PRE C	۰ wo	TATION AT ACCIDENT SI SNOW SHOWERS	TE
	BLOWIN	IONS TO VISION AT ACC G SNOW FLIGHT PLAN	IDENT SITE		TYP E I F		WEATHER CONDITIONS	
	FIRE AFT	ER IMPACT .						
3-3379	REMARKS-	MARGINAL WEA AT TKOF		CR- PX-	1 0 2 0	0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRA	PRIVATE, AGE 51, 517 ANSP TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT
3 <b>–</b> 3379 <sup>°</sup>	8/17/77 TIME - 1	MARGINAL WEA AT TKOF  NSALINA,UT  550	CESSNA 172 N7985U DAMAGE-DESTROYED	CR- PX-	1 0 2 0	0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRA	PRIVATE, AGE 51, 517 ANSP TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
3 <b>-</b> 3379 <sup>°</sup>	8/17/77 TIME - 1: DEPARTUR GREEN I TYPE OF	MARGINAL WEA AT TKOF  NSALINA,UT  550  E POINT RIVER,UT	CESSNA 172 N7985U DAMAGE-DESTROYED NTENDED DESTINATION PROVO:IIT		PHAS	ie o	NONCOMMERCIAL PLEASURE/PERSONAL TRA F OPERATION IGHT UNCONTROLLED DES	TYPE, NOT INSTRUMENT RATED.
	B/17/77 TIME - 1:  DEPARTUR GREEN I TYPE OF COLLIS PROBABLE PILOT PILOT FACTOR(S WEATHE!	MARGINAL WEA AT TKOF  NSALINA,UT  550  E POINT I RIVER,UT ACCIDENT ION WITH GROUND/WATER  CAUSE(S) IN COMMAND - CONTINUE IN COMMAND - SPATIAL	CESSNA 172 N7985U DAMAGE-DESTROYED NTENDED DESTINATION PROVO, HT UNCONTROLLED D VFR FLIGHT INTO ADDISORIENTATION		PHAS IN	E O FL	F OPERATION IGHT UNCONTROLLED DES	TYPE, NOT INSTRUMENT RATED.
	REMARKS-  8/17/77 TIME - 1:  DEPARTUR GREEN I TYPE OF COLLIS PROBABLE PILOT PILOT FACTOR(S WEATHER WEATHER SKY COND	MARGINAL WEA AT TKOF  NSALINA,UT  550  E POINT I RIVER,UT ACCIDENT ION WITH GROUND/WATER  CAUSE(S) IN COMMAND — CONTINUE IN COMMAND — SPATIAL ) R — LOW CEILING BRIEFING — NO RECORD	CESSNA 172 N7985U DAMAGE-DESTROYED NTENDED DESTINATION PROVO, HT UNCONTROLLED D VFR FLIGHT INTO ADDISORIENTATION	VERSE V	PHAS IN WEATHE	SE O FL R C	F OPERATION IGHT UNCONTROLLED DES	TYPE, NOT INSTRUMENT RATED.
	8/17/77 TIME - 1:  DEPARTUR GREEN I TYPE OF COLLIS PROBABLE PILOT FACTOR(S WEATHE! WEATHER SKY COND OVERCA VISIBILI	MARGINAL WEA AT TKOF  NSALINA,UT  550  E POINT I RIVER,UT ACCIDENT ION WITH GROUND/WATER  CAUSE(S) IN COMMAND — CONTINUE IN COMMAND — SPATIAL ) R — LOW CEILING BRIEFING — NO RECORD	CESSNA 172 N7985U DAMAGE-DESTROYED NTENDED DESTINATION PROVO, HT UNCONTROLLED D VFR FLIGHT INTO ADDISORIENTATION	VERSE V	PHAS IN WEATHE SEC PREC	E O FL ING ING IPI	F OPERATION IGHT UNCONTROLLED DES ONDITIONS AT ACCIDENT SITE TATION AT ACCIDENT SI	TYPE, NOT INSTRUMENT RATED.
	REMARKS-  8/17/77 TIME - 1:  DEPARTUR GREEN I TYPE OF COLLIS PROBABLE PILOT FACTOR(S WEATHE! WEATHER SKY COND OVERCA VISIBILI 2 MILE OBSTRUCT NONE	MARGINAL WEA AT TKOF  NSALINA,UT  550  E POINT I RIVER,UT ACCIDENT ION WITH GROUND/WATER  CAUSE(S) IN COMMAND - CONTINUE IN COMMAND - SPATIAL ) R - LOW CEILING BRIEFING - NO RECORD  ITION ST TY AT ACCIDENT SITE	CESSNA 172 N7985U DAMAGE-DESTROYED NTENDED DESTINATION PROVO, UT UNCONTROLLED D VFR FLIGHT INTO ADDISORIENTATION	VERSE V	PHAS IN WEATHE CEIL 80 PREC RA TEMME 70	FL OF FL ING	F OPERATION IGHT UNCONTROLLED DES ONDITIONS AT ACCIDENT SITE	TYPE, NOT INSTRUMENT RATED.

FILE				F S M/N	FLIGHT PURPOSE	PILOT DATA				
3-4135	9/30/77 NR-CEDAR FORT-UT PIPER PA-32 CR- 1 0 0 NONCOMMERCIAL PRIVATE, AGE 24, 378  TIME - UNK/NR N5400F PX- 6 0 0 PLEASURE/PERSONAL TRANSP TOTAL HOURS, 54 IN TYPE,  DAMAGE—SUBSTANTIAL  DEPARTURE POINT INTENDED DESTINATION SALT LAKE CITY-UT TYPE OF ACCIDENT  COLLISION WITH GROUND/WATER UNCONTROLLED IN FLIGHT UNCONTROLLED DESCENT									
	PILOT IN C WEATHER - MISCELLANE MISCELLANE FACTOR(S) MISCELLANE WEATHER BRIE WEATHER FORE	OMMAND - INADEQUARMAND - CONTINI COMMAND - CONTINI COUS ACTS, CONDIT	JATE PREFLIGHT PREPARAT JED VFR FLIGHT INTO ADV S-INCLUDES SLEET, FREEZI IONS - AIRRAME ICE IONS - IMPROPERLY LOADE IONS - PILOT FATIGUE BY FLIGHT SERVICE PERSO SUBSTANTIALLY CORRECT COVERED	ERSE WEATHER CO	ONDITIONS					
	ZERO OBSTRUCTIONS			UNKNOV PRECIPI RAIN, TYPE OF	AT ACCIDENT SITE NN/NOT REPORTED TATION AT ACCIDENT SITE FREEZING RAIN WEATHER CONDITIONS					
	NONE TYPE OF FLIG NONE REMARKS- ABT		GWT AT TIME OF ACCIDEN	IFR T.RECOVERY DATE	≣ 10/7/77 <b>.</b>					

FILE	DATE LOC	ATION AIRCRAFT DATA			FLIGHT N PURPOSE		PILOT DATA
3-1284	7/4/77 WINDHAM TIME - 1104	VT PIPER PA-24 N5039P DAMAGE-DESTROYED INTENDED DESTINATION	PX- 1	0	O NONCOMMERCIAL O PLEASURE/PERSI		PRIVATE, AGE 57, 836 TOTAL HOURS, ALL IN TYPE NOT INSTRUMENT RATED.
	WISCASSET.ME TYPE OF ACCIDENT COLLISION WITH G						
	· · · · · · · · · · · · · · · · · · ·	SELF-HELP,PILOT CHECKED WEATH WEATHER SLIGHTLY BETTER THAN					
	WEATHER - OTHER WEATHER BRIEFING -						
	SKY CONDITION OVERCAST	OFNIT CLIF		100			
	VISIBILITY AT ACCID	(ED)		RAI	PITATION AT ACCI N SHOWERS		
	OBSTRUCTIONS TO VI:	SION AT ACCIDENT SITE		TYPE I	OF WEATHER CONDI	TIONS	

FILE			AIRCRAFT DATA	- 1	: :	S M/	N	PURPOSE		PILOT DATA
3-3841		JAY, VT	CESSNA 180 N9298C DAMAGE-DFSTROYED	CR-	1	0	0 NI	ONCOMMERCIAL		
	DEPARTURE POINT INTENDED DESTINATION									
	FULTON.NY WILLIMANTIC.ME									
	TYPE OF ACCIDENT  COLLISION WITH GROUND/WATER CONTROLLED  IN FLIGHT OTHER									
	COLLISIO	N WITH GROUND/WATER	CONTROLLED			ΙN	FLIG	HT OTHER		
	PROBABLE CA	ALICE (C)								
	TERRAIN - WEATHER BR	• · · · · · · · · · · · · · · · · · ·	FLIGHT SERVICE PERS	ONNEL,	вч	PHO:	NE			
	SKY CONDIT	ION			CE			T ACCIDENT SITE		
	OVERCAST					100	-		**	
		AT ACCIDENT SITE						TION AT ACCIDENT SI	16	
	2 MILES (	UR LESS NS TO VISION AT ACC	IDENT CITE				N SHI Ratur	DWERS		
	FOG	VS III VISIUM AT ACC	IDENI SITE		16	- MP C	KATU	₹ =		
		TION-DEGREES			14.7		VELO	CITY-KNOTS		
	190	1104 DEONEES			,	4	¥ C C.O.	STIT KAGIS		
		ATHER CONDITIONS			T			LIGHT PLAN		
		ITNESSES IN AREA RE	PORTED COULD HEAR AC	FT BUT	COL			SEE IT. WX RPTNG ST	ATION	14 NM AWAY.

FILE			AIRCRAFT DATA	F		ES M/N	PURPOSE		PILOT DATA	
-0836	3/12/77 NR.BOONE TIME - 0823 DEPARTURE POINT	ES MILL•VA	N4459V DAMAGE-DESTROYED INTENDED DESTINATION				NONCOMMERCIAL PLEASURE/PERSONAL 1		COMMERCIAL, AGE 41, 581 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.	
	BLACKSBURG.VA TYPE OF ACCIDENT		ROANOKE + VA		DЫ	A S E . C	F OPERATION			
	COLLISION WITH GROUND/WATER UNCONTROLLED IN FLIGHT UNCONTROLLED DESCENT									
	WEATHER - LOW CEILING WEATHER - FOG WEATHER BRIEFING - BRIEFED BY WEATHER BUREAU PERSONEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT									
	SKY CONDITION				CE		AT ACCIDENT SITE			
	SKY CONDITION OVERCAST	CIDENT CITE				800				
	SKY CONDITION OVERCAST VISIBILITY AT ACC				PR	8 <b>0</b> 0 ECIPI	AT ACCIDENT SITE	I TE		
	SKY CONDITION OVERCAST	MITED)	CIDENT SITE		PR	800 ECIPI NONE		I TE		
	SKY CONDITION OVERCAST VISIBILITY AT ACC 5 OR OVER(UNLIN	MITED)	CIDENT SITE		PR W I	800 ECIPI NONE	TATION AT ACCIDENT S	I TE		
	SKY CONDITION OVERCAST VISIBILITY AT ACC 5 OR OVER(UNLIN OBSTRUCTIONS TO V	MITED) VISION AT AC	CIDENT SITE		PR WI TY	800 ECIPI NONE ND DI 150	TATION AT ACCIDENT S	I TE		

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N		PILOT DATA
-0146	1/24/77 TIME - 1530	0	DAMAGE-DESTROYED	CR- 1 0 0 NO PX- 2 1 0 AE		COMMERCIAL, AGE 23, 1549 TOTAL HOURS, 28 IN TYPE, INSTRUMENT RATED.
		ARTURE POINT INTENDED DESTINATION UILLAYUTE.WA LOCAL				
	TYPE OF ACC		LUCAL	PHASE OF O	NP FR Δ TI ON	
	STALL			IN FLIGH		
	FACTOR(S) WEATHER MISCELLA	- TURBULENCE IN NEOUS ACTS.CONDI	ED TO OBTAIN/MAINTAIN FL FLIGHT.CLEAR AIR ITIONS - AIRCRAFT CAME T DRD OF BRIEFING RECEIVED	O REST IN WATER		
	SKY CONDIT	• • •			ACCIDENT SITE	
	VISIBILITY	OWER SCATTERED AT ACCIDENT SIT R(UNLIMITED)	TE .	23000 PRECIPITAT NONE	ION AT ACCIDENT SITE	
	OBSTRUCTION	NS TO VISION AT	ACCIDENT SITE	TEMPERATUR 45	E-F	
		TION-DEGREES		WIND VELOC	ITY-KNOTS	
	TYPE OF WE	ATHER CONDITIONS	5	TYPE OF FL NONE	IGHT PLAN	
	REMARKS- SI	PAWNING SURVEY.L	OW ALT, LOW SPD, HEAVY, BE	GINNING LEFT TURN.	PLT-FIRST RIVER SURVE	Υ

#### ARIEES DE ACCIDENTS

	FILE	DATE	LOCATION	AIRCRÁFT DATA	INJ(	S M.	N	FLIGHT PURPOSE	PILOT DATA
DEPARTURE POINT INTENDED DESTINATION PORTLAND, OR OLYMPIA, WA TYPE OF ACCIDENT COLLIDED WITH OBJECT  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IFR OPERATION MISCELLANEOUS ACTS, CONDITIONS - NOT ALIGNED WITH RUNWAY/INTENDED LANDING AREA PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS FACTOR(S) WEATHER - FOG WEATHER - OBSTRUCTIONS TO VISION WEATHER BRIEFING - PARTIAL BRIEFING BY FLIGHT SERVICE PERSONNEL, BY PHONE/RADIO, LIMITED BY PILOT ACTION WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT  SKY CONDITION PARTIAL OBSCURATION VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE OBSTRUCTIONS TO VISION AT ACCIDENT SITE SMOKE TEMPERATURE-F  TYPE OF WEATHER CONDITIONS	3-1608			N6638F					•
PILOT IN COMMAND — IMPROPER IFR OPERATION MISCELLANEOUS ACTS, CONDITIONS — NOT ALIGNED WITH RUNWAY/INTENDED LANDING AREA PILOT IN COMMAND — FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS  FACTOR(S)  WEATHER — FOG WEATHER — OBSTRUCTIONS TO VISION WEATHER BRIEFING — PARTIAL BRIEFING BY FLIGHT SERVICE PERSONNEL, BY PHONE/RADIO, LIMITED BY PILOT ACTION WEATHER FORECAST — FORECAST SUBSTANTIALLY CORRECT  SKY CONDITION CEILING AT ACCIDENT SITE PARTIAL OBSCURATION VISIBILITY AT ACCIDENT SITE VERD OBSTRUCTIONS TO VISION AT ACCIDENT SITE SMOKE TEMPERATURE—F TYPE OF WEATHER CONDITIONS		DEPARTURE PORTLAND TYPE OF AC	POINT •OR CIDENT						
PARTIAL OBSCURATION UNKNOWN/NOT REPORTED  VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE  ZERD NONE  OBSTRUCTIONS TO VISION AT ACCIDENT SITE RELATIVE BEARING OF WIND  SMOKE CALM  TEMPERATURE-F TYPE OF WEATHER CONDITIONS		PILOT IN MISCELLA PILOT IN FACTOR(S) WEATHER WEATHER WEATHER BR	COMMAND - IMPROF NEOUS ACTS.CONDICOMMAND - FAILED - FOG - OBSTRUCTIONS TO IEFING - PARTIAL	TIONS - NOT ALIGNED WIT O TO SEE AND AVOID OBJE O VISION BRIEFING BY FLIGHT SER	CTS OR (	)BSTRI	IC T I	ONS	ITED BY PILOT ACTION
OBSTRUCTIONS TO VISION AT ACCIDENT SITE RELATIVE BEARING OF WIND SMOKE CALM TEMPERATURE-F TYPE OF WEATHER CONDITIONS		PARTIAL VIS:IBILITY	OBSCURATION	· · · · · · · · · · · · · · · · · · ·		UNI PREC	NOW PIT	N/NOT REPORTED	rte -
TEMPERATURE-F TYPE OF WEATHER CONDITIONS		OBSTRUCTIO	NS TO VISION AT	ACCIDENT SITE		RELA	IVE	BEARING OF WIND	
TYPE OF FLIGHT PLAN		TEMPERATUR 32				TYPE	ΩF	WEATHER CONDITIONS	

FILE .	DATE	LOCATION	AIRCRAFT DATA	IN.	JU R	S M/1	1	PURPOSE		PILOT DATA
-0389	TIME - 11		N1529X DAMAGE-SUBSTANTIAL	PX-		0 (	) N	ONCOMMERCIAL		
	DEPARTURE HILLSBO	IRPORT - PORT ORCHAR E POINT I PO→OR CCIDENT	NTENDED DESTINATION			UNKNO	WN/	UTE STOP NOT REPORTED OPERATION		
	COLLISI	ON WITH GROUND/WATER	UNCONTROLLED			IN F	LIG	HT UNCONTROLLE	D DESCENT	
	PILOT I FACTOR(S) WEATHER WEATHER WEATHER WEATHER B	- LOW CEILING - RAIN	DISORIENTATION  FLIGHT SERVICE PERS	ONNEL,				DITIONS		
	SKY CONDI				С	EILIN 400	IG .A	T ACCIDENT SITE		
	VISIBILIT	Y AT ACCIDENT SITE OR LESS			Ρ			TION AT ACCIDEN	T SITE	
		ONS TO VISION AT ACC	IDENT SITE		T	FE MP EF		RE-F		
		CTION-DEGREES			W	IND \	/ELO	CITY-KNOTS		
		EATHER CONDITIONS			T		F F	LIGHT PLAN		

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURII F S		FLIGHT PURPOSE		PILOT DATA		
-1335	4/10/77 NF TIME - 1930	PORT ORCHARD, WA	CESSNA 182P N1282S DAMAGE-DESTROYED			NONCOMMERCIAL PLEASURE/PERSONAL	TRANSP	PRIVATE, AGE 26, 187 TOTAL HOURS, 18 IN TYPE, NOT INSTRUMENT RATED.		
	DEPARTURE F	-								
	COLLISION	WITH GROUND/WATER	UNCONTROLLED			OPERATION GHT UNCONTROLLED	DESCENT			
	PILOT IN COMMAND - CONTINUED VER FLIGHT INTO ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - SPATIAL DISORIENTATION FACTOR(S) WEATHER - LOW CEILING WEATHER - RAIN WEATHER - FOG WEATHER - FOG WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - UNKNOWN/NOT REPORTED									
	WEATHER - WEATHER - WEATHER BRI	RAIN FOG EFING - BRIEFED BY		ONNEL, BY	HONE					
	WEATHER - WEATHER - WEATHER BRI WEATHER FOR SKY CONDITI	RAIN FOG EFING - BRIEFED BY ECAST - UNKNOWN/NO		CE	[LING	AT ACCIDENT SITE				
	WEATHER - WEATHER BRI WEATHER FOR SKY CONDITION OVERCAST VISIBILITY	RAIN FOG EFING - BRIEFED BY ECAST - UNKNOWN/NO		CE PR	ILING	ATION AT ACCIDENT	SITE			
	WEATHER - WEATHER BRI WEATHER FOR SKY CONDIT! OVERCAST VISIBILITY 5 OR OVER OBSTRUCTION	RAIN FOG EFING — BRIEFED BY ECAST — UNKNOWN/NC ON AT ACCIDENT SITE	IT REPORTED	CE PR TE	ILING 500 ECIPIT DRIZZL MPERAT	ATION AT ACCIDENT	SITE			
	WEATHER - WEATHER B- WEATHER B- WEATHER FOR SKY CONDITI OVERCAST VISIBILITY 5 OR OVER OBSTRUCTION FOR WIND DIRECT	RAIN FOG EFING - BRIEFED BY ECCAST - UNKNOWN/NO ON AT ACCIDENT SITE (UNLIMITED)	IT REPORTED	CE PR TE	ILING 500 ECIPIT DRIZZL APERAT 6	ATION AT ACCIDENT	SITE			
	WEATHER - WEATHER BEI WEATHER BEI WEATHER FOR SKY CONDITI OVERCAST VISIBILITY 5 OR OVER OBSTRUCTION FOG WIND DIRECT 200	RAIN FOG EFING - BRIEFED BY ECAST - UNKNOWN/NO ON AT ACCIDENT SITE (UNLIMITED) S TO VISION AT ACCIDENT ACCIDENT	IT REPORTED	CE PR TE	ILING 500 ECIPIT ORIZZL MPERAT 6 ND VEL	ATION AT ACCIDENT E URE-F OCITY-KNOTS	SITE			
	WEATHER - WEATHER BEI WEATHER BEI WEATHER FOR SKY CONDITI OVERCAST VISIBILITY 5 OR OVER OBSTRUCTION FOG WIND DIRECT 200	RAIN FOG FOG REFING — BRIEFED BY RECAST — UNKNOWN/NO ON AT ACCIDENT SITE (UNLIMITED) IS TO VISION AT ACC	IT REPORTED	CE PR TE WI	ILING 500 ECIPIT ORIZZL MPERAT 6 ND VEL	ATION AT ACCIDENT E URE-F	SITE			

DATE	LOCATION	AIRCRAFT DATA			IES 5 M/N		LIGHT PUR POSE			PILO	DATA	<u>.</u>
TIME - 21		CESSNA 185 N1738R DAMAGE-DESTROYED					OMMERCIAL SURE/PERSONAL			HOURS	- 320	
		SEATTLE, WA				٠						
TYPE OF A		3641166744		PF	HASE C	OF OPE	RATION	•			*	
COLLISI	ON WITH GROUND/WATER	UNCONTROLLED			IN FL	IGHT	UNCONTROLLE	DESCENT				
	CAUSE(S)						7					
	N COMMAND - CONTINUE		/ERSE	WEA.	THER C	CONDIT	IONS					
	N COMMAND - SPATIAL	DISORIENTATION .										
	- LOW CEILING											
WEATHER			<b>.</b>									
MISCELL	ANEOUS ACTS, CONDITIO		REST	· IN	WATER	<b>t</b>						
MISCELL WEATHER E	ANEOUS ACTS, CONDITION BRIEFING - NO RECORD	OF BRIEFING RECEIVED	REST	· IN	WATER	<b>t</b>						
MISCELL WEATHER E	ANEOUS ACTS, CONDITIO	OF BRIEFING RECEIVED	REST	· IN	WATER							
MISCELL WEATHER E MISSING A	ANEOUS ACTS CONDITION RIEFING - NO RECORD RICRAFT - LATER RECO	OF BRIEFING RECEIVED	REST				CCIDENT SITE	•				
MISCELL WEATHER E	ANEOUS ACTS.CONDITION RIEFING - NO RECORD RICCAFT - LATER RECORT	OF BRIEFING RECEIVED	REST	CE	ILING	S AT A	CCIDENT SITE					
MISCELL WEATHER E MISSING A SKY CONDI OVERCAS	ANEOUS ACTS.CONDITION RIEFING - NO RECORD RICCAFT - LATER RECORT	OF BRIEFING RECEIVED	O REST	CE	ILING 2500	6 AT A	CCIDENT SITE	T SITE	•			
MISCELL WEATHER E MISSING A SKY CONDI OVERCAS VISIBILIT	ANEOUS ACTS.CONDITION BRIEFING - NO RECORD VIRCRAFT - LATER RECO TION ST	OF BRIEFING RECEIVED	REST	CE	ILING 2500 RECIPI	6 AT A	N AT ACCIDENT	r SITE				
MISCELL WEATHER E MISSING A SKY CONDI OVERCAS VISIBILIT 5 OR OV	ANEOUS ACTS CONDITION RIEFING - NO RECORD VIRCRAFT - LATER RECO TION TY AT ACCIDENT SITE	OF BRIEFING RECEIVED VERED	REST	CE	EILING 2500 RECIPI RAIN	AT A	N AT ACCIDENT	T SITE	•			
MISCELL WEATHER E MISSING A SKY CONDI OVERCAS VISIBILIT 5 OR OV	ANEOUS ACTS.CONDITION BRIEFING - NO RECORD VIRCRAFT - LATER RECONTION ST YEAR ACCIDENT SITE VER(UNLIMITED)	OF BRIEFING RECEIVED VERED	REST	CE	EILING 2500 RECIPI RAIN	AT A TATIO SHOWE	N AT ACCIDENT	T SITE				
MISCELL WEATHER E MISSING A SKY CONDI OVERCEN VISIBILIT 5 OR OV OBSTRUCTI FOG	ANEOUS ACTS.CONDITION BRIEFING - NO RECORD VIRCRAFT - LATER RECONTION ST YEAR ACCIDENT SITE VER(UNLIMITED)	OF BRIEFING RECEIVED VERED	O REST	CE PF	EILING 2500 RECIPI RAIN EMPERA 59	S AT A TATIO SHOWE	N AT ACCIDENT	T SITE				
MISCELL WEATHER E MISSING A SKY CONDI OVERCEN VISIBILIT 5 OR OV OBSTRUCTI FOG	ANEOUS ACTS, CONDITION RIEFING - NO RECORD VIRCRAFT - LATER RECO TION TY AT ACCIDENT SITE VER (UNLIMITED) ONS TO VISION AT ACC	OF BRIEFING RECEIVED VERED	REST	CE PF TE W]	EILING 2500 RECIPI RAIN EMPERA 59	S AT A TATIO SHOWE	N AT ACCIDENT RS F	r site				
MISCELL WEATHER E MISSING A SKY CONDI OVERCAS VISIBILIT 5-OR OV OBSTRUCTI FOG WIND DIRE 340	ANEOUS ACTS, CONDITION RIEFING - NO RECORD VIRCRAFT - LATER RECO TION TY AT ACCIDENT SITE VER (UNLIMITED) ONS TO VISION AT ACC	OF BRIEFING RECEIVED VERED  IDENT SITE	D RESI	CE Pr Te W]	EILING 2500 RECIPI RAIN EMPERA 59 IND VE	AT A TATIO SHOWE TURE-	N AT ACCIDENT RS F	T SITE				
MISCELL WEATHER E MISSING A SKY CONDI OVERCAS VISIBILIT 5 OR OV OBSTRUCTI FOG WIND DIRE 340 TYPE OF W IFR	ANEOUS ACTS, CONDITION RIEFING - NO RECORD VIRCRAFT - LATER RECO TION TY AT ACCIDENT SITE VER(UNLIMITED) ONS TO VISION AT ACC ECTION-DEGREES	OF BRIEFING RECEIVED VERED  IDENT SITE		CE PF TE W1	EILING 2500 RECIPI RAIN EMPERA 59 IND VE 8 (PE OF VFR	AT A TATIO SHOWE TURE ELOCIT	N AT ACCIDENTERS F Y-KNOTS HT PLAN	T SITE				

FILE	DATE LOCATION	AIRCRAFT DATA		FLIGHT /N PURPOSE		PILOT DATA
3-3251	9/9/77 BELLEVUE,WA TIME - 0540	CESSNA 182L N3466R DAMAGE-DESTROYED				PRIVATE, AGE 46, 120 TOTAL HOURS, 7 IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIRPORT - BELLEVUE DEPARTURE POINT BELLEVUE.WA					·
	TYPE OF ACCIDENT COLLIDED WITH TREES	000214 01 •		OF OPERATION FLIGHT CLIMB TO CF	UISE	
* -	PILOT IN COMMAND - ATTEMP MISCELLANEOUS ACTS, CONDIT					
		IONS - INSTRUMENTS-MIS F FAMILIARITY WITH AIR NS BY FLIGHT SERVICE PERS	READ OR FAIL CRAFT ONNEL, BY PH	ED TO READ		
	MISCELLANEOUS ACTS, CONDIT FACTOR(S) PILOT IN COMMAND - LACK O WEATHER - FOG TERRAIN - HIGH OBSTRUCTIO WEATHER BRIEFING - BRIEFED WEATHER FORECAST - FORECAST SKY CONDITION	IONS - INSTRUMENTS-MIS F FAMILIARITY WITH AIR NS BY FLIGHT SERVICE PERS SUBSTANTIALLY CORRECT	READ OR FAIL RERAFT ONNEL, BY PH	ONE	:	
	MISCELLANEOUS ACTS, CONDIT FACTOR(S) PILOT IN COMMAND - LACK O WEATHER - FOG IERRAIN - HIGH OBSTRUCTIO WEATHER BRIEFING - BRIEFED WEATHER FORECAST - FORECAST	IONS - INSTRUMENTS-MIS F FAMILIARITY WITH AIR NS BY FLIGHT SERVICE PERS SUBSTANTIALLY CORRECT	CREAD OR FAIL CONNEL, BY PH CEIL UN	ONE ING AT ACCIDENT SITE IMITED IPITATION AT ACCIDEN		
	MISCELLANEOUS ACTS, CONDIT FACTOR(S) PILOT IN COMMAND - LACK O WEATHER - FOG ITERRAIN - HIGH OBSTRUCTIO WEATHER BRIEFING - BRIEFED WEATHER FORECAST - FORECAST SKY CONDITION PARTIAL OBSCURATION VISIBILITY AT ACCIDENT SITE	IONS - INSTRUMENTS-MIS F FAMILIARITY WITH AIR NS BY FLIGHT SERVICE PERS SUBSTANTIALLY CORRECT	CRAFT  CONNEL, BY PH  CEIL UN PREC	ONE ING AT ACCIDENT SITE IMITED PITATION AT ACCIDEN NE ERATURE—F		
	MISCELLANEOUS ACTS, CONDIT FACTOR(S) PILOT IN COMMAND - LACK O WEATHER - FOG TERRAIN - HIGH OBSTRUCTIO WEATHER BRIEFING - BRIEFED WEATHER FORECAST - FORECAST SKY CONDITION PARTIAL OBSCURATION VISIBILITY AT ACCIDENT SITE UNKNOWN/NOT REPORTED OBSTRUCTIONS TO VISION AT A	IONS - INSTRUMENTS-MIS F FAMILIARITY WITH AIR NS BY FLIGHT SERVICE PERS SUBSTANTIALLY CORRECT	CRAFT  CONNEL, BY PH  CEIL UN PREC NO TEMP 51	ONE ING AT ACCIDENT SITE IMITED PITATION AT ACCIDEN NE ERATURE—F		

FILE	DATE	LOCATION	AIRCRAFT DATA							PILOT DATA
		NR.SKYKOMISH.WA	CESSNA 172K	CR- PX-	1 2	0	0	NONCOMMERCIAL PLEASURE/PERSONAL	TRANSP	PRIVATE, AGE 31, 92 TOTAL HOURS, 4 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTUR SKYKOMI TYPE OF	AIRPORT - SKYKOMISH E POINT SH.WA ACCIDENT ED WITH TREES			P			F OPERATION IGHT CLIMB TO CRU	ISE	
	PILOT PILOT FACTOR(S WEATHE TERRAI	IN COMMAND - FAILED ) R - FOG N - HIGH OBSTRUCTION	FED OPERATION BEYOND EX TO SEE AND AVOID OBJEC NS O OF BRIEFING RECEIVED							
	SKY COND	ITION			С	EIL	ING	AT ACCIDENT SITE		
	5 OR O	RED TY AT ACCIDENT SITE VER(UNLIMITED) IONS TO VISION AT A	CCIDENT SITE			REC NO	IPI NE	ITED TATION AT ACCIDENT TURE-F	SITE	
	FOG		SOIDENT SITE			42				
	VFR	WEATHER CONDITIONS ATT DEPT FM UNLIT	TREE BORDERED MTN STRIP	AT N		NO	NE	FLIGHT PLAN USED STRIP PRIOR	IN DAYLI	GHT CONDITIONS.
3-3393	9/30/77 TIME - 0	REARDAN, WA	PIPER PA-28 N8342W DAMAGE-DESTROYED					NONCOMMERCIAL PLEASURE/PERSONAL	TRANSP	PRIVATE, AGE 41, 440 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
	DEPARTUR SPOKAN		INTENDED DESTINATION WENATCHEE, WA							NA TED
	TYPE OF	ACCIDENT	WENA! CHEE•WA		P			F OPERATION		
	COLLID	ED WITH TREES				ΙŃ	FL	IGHT NORMAL CRUIS	E	
	PILOT FACTOR(S WEATHE WEATHE TERRAI	) R - LOW CEILING R - FOG N - HIGH OBSTRUCTION	JED VFR FLIGHT INTO ADV NS 3Y FLIGHT SERVICE PERSO							
	WEATHER	FORECAST - FORECAST	SUBSTANTIALLY CORRECT							
	SKY COND OVERCA				C	EIL 27		AT ACCIDENT SITE		
		TY AT ACCIDENT SITE			P		ΙPΙ	TATION AT ACCIDENT	SITE	
		IONS TO VISION AT A	CCIDENT SITE		T		ERΔ	TURE-F		
	TYPE OF IFR	WEATHER CONDITIONS ER IMPACT			T		OF	FLIGHT PLAN		

FILE	DATE	LOCATION	AIRCRAFT DATA	INJUI F	RIES S M/N			PILOT DATA
3-3334	12/1/77 TIME - 11	STEPTOE,WA	CESSNA 320E N34310 DAMAGE-DESTROYED	CR- 1 PX- 0	0 0 3 1	NONCOMMERCIAL PLEASURE/PERSONAL	TRANSP	PRIVATE, AGE 49, 630 TOTAL HOURS, 115 IN TYPE INSTRUMENT RATED.
			INTENDED DESTINATION					
		-WA	RENO, NV			5 00 50 4 TI ON		
	TYPE OF A	FATLURE OR MALFUN	CTION			F OPERATION IGHT CLIMB TO CRU	TCE	
			TER CONTROLLED			NG LEVEL OFF/TOUC		
	PILOT I PILOT I FACTOR(S)	ANT - MISCELLANEO N COMMAND - FAILE N COMMAND - IMPRO	US POWERPLANT FAILURE D TO OBTAIN/MAINTAIN FL PER OPERATION OF FLIGHT	YING SPE	D	D REASONS		
	POWERPL PILOT I PILOT I FACTOR(S) WEATHER MISCELL COMPLETE WEATHER B WEATHER F EMERGENCY	ANT - MISCELLANEON COMMAND - FAILE N COMMAND - IMPRO - LOW CEILING ANEOUS ACTS, CONDI POWER LOSS - COMP RIEFING - BRIEFED ORECAST - FORECAS CIRCUMSTANCES -	D TO OBTAIN/MAINTAIN FL	YING SPEE CONTROL: READ OR F MEOUT-2 I ONNEL, B' ORT ON L	ED S FAILED ENGINES PHONE	TO READ		
	POWERPL PILOT I PILOT I FACTOR(S) WEATHER MISCELL COMPLEWEATHER B WEATHER B WEATHER F EMERGENCY	ANT - MISCELLANEON COMMAND - FAILE N COMMAND - IMPRO  - LOW CEILING ANEOUS ACTS, CONDI POWER LOSS - COMP RIEFING - BRIEFED ORECAST - FORECAS CIRCUMSTANCES - TION	D TO OBTAIN/MAINTAIN FL PER OPERATION OF FLIGHT  TIONS — INSTRUMENTS—MIS LETE ENGINE FAILURE/FL/ BY FLIGHT SERVICE PERS T SUBSTANTIALLY CORRECT	YING SPEE CONTROL: READ OR F MEOUT-2 I ONNEL, B' ORT ON L	AILED ENGINES PHONE	TO READ		
	POWERPL PILOT I PILOT I FACTOR(S) WEATHER MISCELL COMPLETE WEATHER B WEATHER F EMERGENCY SKY CONDI OVERCAS VISIBILIT	ANT - MISCELLANED N COMMAND - FAILE N COMMAND - IMPRO  - LOW CEILING ANEOUS ACTS, CONDI POWER LOSS - COMP RIEFING - BRIEFED ORECAST - FORECAS ' CIRCUMSTANCES - TION IT Y AT ACCIDENT SIT	D TO OBTAIN/MAINTAIN FL PER OPERATION OF FLIGHT  TIONS — INSTRUMENTS—MIS LETE ENGINE FAILURE/FL/ BY FLIGHT SERVICE PER T SUBSTANTIALLY CORRECT FORCED LANDING OFF AIRF	YING SPEE CONTROL: READ OR F MEOUT-2 I ONNEL, B' ORT ON L	AILED ENGINES PHONE AND CEILING 500 PRECIPI	TO READ	SITE	
	POWERPL PILOT I PILOT I FACTOR(S) WEATHER MISCELL COMPLETE WEATHER F EMERGENCY SKY CONDI OVERCAS VISIBILIT 2 MILES OBSTRUCTI	ANT - MISCELLANED N COMMAND - FAILE N COMMAND - FAILE C - LOW CEILING ANEOUS ACTS, CONDI POWER LOSS - COMP RIFEING - BRIFFED ORECAST - FORECAS CIRCUMSTANCES - TION	D TO OBTAIN/MAINTAIN FL PER OPERATION OF FLIGHT  TIONS — INSTRUMENTS-MIS LETE ENGINE FAILURE/FL/ BY FLIGHT SERVICE PERS T SUBSTANTIALLY CORRECT FORCED LANDING OFF AIRF	YING SPER CONTROL: READ OR F MEOUT-2 I ONNEL, B' ORT ON L	AILED ENGINES PHONE AND CEILING	TO READ  AT ACCIDENT SITE TATION AT ACCIDENT	SITE	

FILE	DATE	LOCATION	AIRCRAFT DATA		F	S M	/N	FLIGHT PURPOSE	PILOT DATA			
3-1763	TIME - O		PIPER PA-31 N7439L DAMAGE-DESTROYED	CR-	1	0	0 -	NONCOMMERCIAL				
		AIRPORT - MCDONALD FIR										
	TAPLIN		TENDED DESTINATION AMBLER.PA									
		ACCIDENT	AMBLEK + PA		ь	нлс	E 0	F OPERATION				
		ION WITH GROUND/WATER	CONTROLLED					IGHT CLIMB TO CRUISE	Ē			
	PROBABLE CAUSE(S)											
	PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS											
	FACTOR(S											
		R - FOG										
		BRIEFING - NO RECORD O										
	WEATHER	FORECAST - UNKNOWN/NOT	KEPUKTEN									
	SKY COND	TTION			c	FII	TNG	AT ACCIDENT SITE				
	OBSCUR	ATION			_	0						
		TY AT ACCIDENT SITE			Р	REC	ΙΡΙ	TATION AT ACCIDENT SI	I-TE			
	1/4 MI			NO	NE							
	OBSTRUCT FOG	IONS TO VISION AT ACCI										
	TYPE OF NONE	FLIGHT PLAN										
		ER IMPACT										
	REMARKS-	CRASHED APRX 1/2MI EA	ST OF FIFLD.									

	-		171.121	3 ()) 400	IDENTS	,		
FILE	DATE	LOCATION	AIRCRAFT DATA		RIES S M/N		FLIGHT PUR POSE	PILOT DATA
3-1 764	TIME - 0050		PIPER PA-34 N1153H DAMAGE-DESTROYED				OMMERCIAL IR TAXI-CARGO	COMMERCIAL, FL.INSTR., AGE 24, 2171 TOTAL HOURS 116 IN TYPE, INSTRUMENT RATED.
	DEPARTURE P	PORT - BENEDUM DINT	INTENDED DESTINATION					
	BRIDGEPOR		NEW YORK, NY					
	TYPE OF ACC	IDENI ILURE OR MALEUNC	TION				OPERATION INITIAL CLIMB	•
		WITH TREES	,11()N				INITIAL CLIMB	
	TERRAIN - FACTOR(S) WEATHER - COMPLETE PO WEATHER BRI WEATHER FOR	HIGH OBSTRUCTION FOG WER LOSS - COMPLETING - BRIEFED ECAST - FORECAST	IONS - FATIGUE FRACTUR NS LETE ENGINE FAILURE/FLA BY FLIGHT SERVICE PERS SUBSTANTIALLY CORRECT ORCED LANDING OFF AIRP	MEDUT-1 ONNEL. B	Y PHON			
	SKY CONDITI						T ACCIDENT SITE NOT REPORTED	
	VISIBILITY	AT ACCIDENT SITE	•		PRECIP	I TA	TION AT ACCIDENT SITE	
	1/4 MILE	OR LESS			NONE			
	OBSTRUCTION FOG	IS TO VISION AT A	CCIDENT SITE		TE MP ER 60	A TUF	RE-F	
	WIND VELOCI 2	TY-KNOTS			TYPE 0		EATHER CONDITIONS INIMUMS	
	TYPE OF FLI IFR							
	REMARKS- NO	.3 MAIN BEARING	JOURNAL.					

		AIRCRAFT DATA	F S M/N	PURPOSE	PILOT DATA
	PARKERSBURG, WV	BEECH 58	CR- 2 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 21, 1444 TOTAL HOURS 83 IN TYPE, INSTRUMENT RATED.
DEPARTURE BUFFALO TYPE OF AC ENGINE F	NY. CCIDENT FAILURE OR MALFUNCT	INTENDED DESTINATION PARKERSBURG. WV	LAND	OF OPERATION ING FINAL APPROACH ING FINAL APPROACH	
POWERPLA MISCELLA PILOT II MISCELLA MISCELLA FACTOR (FA WEATHER BI	EL - MAINTENANCE, SE ANT - FUEL SYSTEM ANEOUS ACTS, CONDITI N COMMAND - FAILED ANEOUS ACTS, CONDITI ANEOUS ACTS, CONDITI - FOG OWER LOSS - PARTIAL RIEFING - BRIEFED I	ERVICING, INSPECTION IF FUEL INJECTION SYSTEM INS - IMPROPER ALIGNM TO FOLLOW APPROVED PRIONS - IMPROPER EMERGE IONS - FEATHERED WRONG - LOSS OF POWER - 1 ENBY FLIGHT SERVICE PERS SUBSTANTIALLY CORRECT	ENT /AD JUSTMENT DCEDURES, DIREC NCY PROCEDURES ENGINE GINE		
VISIBILITY 1 MILE OBSTRUCTION	OBSCURATION Y AT ACCIDENT SITE	CCIDENT SITE	3000 PRECIP · NONE TEMPER	ITATION AT ACCIDENT SI	TE
20	CTION-DEGREES		4	ELOCITY-KNOTS = FLIGHT PLAN	

			SKILL	3 UF A	COLC				•
FILE	DATE	LOCATION	AIRCRAFT DATA				FLIGHT PURPOSE		PILOT DATA
3-3642	9/22/77 TIME - 09	WILLIAMSON WV 10	PIPER PA-32R N8653C DAMAGE-DESTROYED				NONCOMMERCI BUSINESS	AL	COMMERCIAL, FL.INSTR., AGE 56, 1730 TOTAL HOURS 290 IN TYPE, INSTRUMENT RATED.
	DEPARTURE WILLIAM TYPE OF A						OF OPERATION OFF INITIAL	CLIMB	
	FACTOR(S) WEATHER TERRAIN WEATHER B	AILED TO MAINTAIN  - FOG - HIGH OBSTRUCTION RIEFING - BRIEFED	POSITIVE RATE-OF-CLIMB INS BY FLIGHT SERVICE PERSI SUBSTANTIALLY CORRECT	JNNE L •	вч	PHON	E		
	1/4 MIL OBSTRUCTI FOG WIND VELO CALM		-		PR TE	100 ECIP NONE MPER 53	G AT ACCIDENT ITATION AT AC ATURE—F F WEATHER CON	CIDENT SITE	

FILE	DATE	LOCATION	AIRCRAFT DATA				PURPOSE		PILOT DATA
3-4132	TIME - 11		N801HD DAMAGE-DESTROYED				NONCOMMERCIAL PLEASURE/PERSONAL		
		IRPORT - RALEIGH (							
	DUPAGE .		INTENDED DESTINATION BECKLEY.WV						
	TYPE OF A		DECKLET + WV		P	HASE I	OF OPERATION		
	HARD LA				•		ING LEVEL DEF/TOUCH	DOWN	
	COLLIDE	D WITH OBJECT				LAND	ING GO-AROUND		
	PROBABLE						•		
	PILOT I PILOT I FACTOR(S) WEATHER TERRAIN	- FOG - HIGH OBSTRUCTION	PER LEVEL OFF D IN INITIATING GO-ARO  ONS						
			BY FLIGHT SERVICE PERS SUBSTANTIALLY CORRECT		ВҮ	PHONI			
	SKY CONDI	TION			C	EILIN	AT ACCIDENT SITE		
	OBSCURA					0			
		Y AT ACCIDENT SITE	ŧ		P		ITATION AT ACCIDENT	SITE	
	ZERO	ONE TO VICTOR AT	CCIDENT CITE		1.0	RAIN	IDECTION DECDEES		
	OBSTRUCTIONS TO VISION AT ACCIDENT SITE WIND DIRECTION-DEGREES FOG 350								
		CITY-KNOTS			T.		WEATHER CONDITIONS		
	13					BELOV	MINIMUMS		
		LIGHT PLAN							
	IFR	STEEL REINFORCED (	CONCRETE WALL				•		
	KEMAKKS-	STEEF KETMLAKCED (	JUNGREIG WALL.						

FILE	DATE	LOCATION	AIRCRAFT DATA	_			/N		I GHT IRPOSE			PILOT DATA
3-2093	6/11/77 TIME - 15	GRAFTON.WI 25	PIPER PA-24 N6349P DAMAGE-DESTROYED						MMERCIA URE/PER		TRANSP	STUDENT, AGE 48, 100 TOTAL HOURS, 94 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT I											
	TYPE OF A		INDIANAPOLIS.IN		0	LI A C	- 05	ODED	ATION			
		ON WITH GROUND/WATER	UNCONTROLLED		-				UNCONTR	OLLED	DESCENT	
	PILOT IN COMMAND - SPATIAL DISORIENTATION  FACTOR(S)  WEATHER - LOW CEILING  WEATHER - FOG  WEATHER - THUNDERSTORM ACTIVITY  WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE  WEATHER BRIEFING - WEATHER SLIGHTLY WORSE THAN FORECAST											
	WEATHER WEATHER WEATHER B	: - FOG : - THUNDERSTORM ACTI RIEFING - BRIEFED BY	FLIGHT SERVICE PERS		_	РН	ÖNE					
	WEATHER WEATHER WEATHER B	FOG THUNDERSTORM ACTI RIEFING - BRIEFED BY ORECAST - WEATHER SL TION	FLIGHT SERVICE PERS			EIL	I NG		CIDENT :			
	WEATHER WEATHER B WEATHER F SKY CONDI OVERCAS VISIBILIT	FOG THUNDERSTORM ACTI RIEFING - BRIEFED BY ORECAST - WEATHER SL TION	FLIGHT SERVICE PERS		c	E I L UN REC	ING (NOW	TON\N NOITA		ED I DEN T	SITE	
	WEATHER WEATHER B WEATHER F SKY CONDI OVERCAS VISIBILIT UNKNOWN	: - FOG - THUNDERSTORM ACTI RIEFING - BRIEFED BY ORECAST - WEATHER SL TION T Y AT ACCIDENT SITE	FLIGHT SERVICE PERS IGHTLY WORSE THAN FO		P	EIL UN REC UN	ING . KNOW IPIT KNOW	TON\N NO ITA TON\N	REPORT	ED I DEN T ED		
	WEATHER WEATHER B WEATHER F SKY CONDI OVERCAS VISIBILIT UNKNOWN OBSTRUCTI FOG	- FOG - THUNDERSTORM ACTI RIEFING - BRIEFED BY ORECAST - WEATHER SL TION TION Y AT ACCIDENT SITE I/NOT REPORTED	FLIGHT SERVICE PERS IGHTLY WORSE THAN FO		P	EIL UN REC UN YPE	ING . KNOW IPIT KNOW	TON\N NO ITA TON\N	REPORT AT ACC REPORT	ED I DEN T ED		

FILE.			AIRCRAFT DATA		F	S M	/N	FLIGHT PURPOSE	PILOT DATA		
3 <b>-</b> 3617	7/4/77 TIME - 1	SUPERIOR•WI 1555 RE POINT	PIPER PA-24 N8898 DAMAGE-SUBSTANTIAL INTENDED DESTINATION					NONCOMMERCIAL			
	FRANKLIN-IN INTL FALLS, IN  TYPE OF ACCIDENT PHASE OF OPERATION  ENGINE FAILURE OR MALFUNCTION IN FLIGHT NORMAL CRUISE COLLIDED WITH TREES LANDING LEVEL OFF/TOUCHDOWN										
	MISCEL FACTOR(S PILOT WEATHE WEATHE COMPLETE WEATHER WEATHER	LANEOUS ACTS.CONDI 5) IN COMMAND - CONTI ER - LOW CEILING ER - RAIN E POWER LOSS - COMP BRIEFING - BRIEFED FORECAST - FORECAS	TIONS - INATTENTIVE TO TIONS - FUEL STARVATION  NUED VFR FLIGHT INTO AD  LETE ENGINE FAILURE/FLAI  BY FLIGHT SERVICE PERSIT SUBSTANTIALLY CORRECT FORCED LANDING OFF AIRPO	VERSE MEOUT- ONNEL,	WEA 1 E BY	THE ENGI	NE				
	SKY COND				С	E I L 30	-	AT ACCIDENT SITE			
		ITY AT ACCIDENT SIT	E :		P	REC		TATION AT ACCIDENT SITE			
		TIONS TO VISION AT	ACCIDENT SITE			YPE IF		WEATHER CONDITIONS			
		FLIGHT PLAN				-					
	REMARKS-	- FUEL FOUND IN LEF	T WING TANK , RIGHT TANK	EMPTY.							

		· · · · · · · · · · · · · · · · · · ·	DKILL	3 01 4		IUL			
FILE	DATE	LOCATION	AIRCRAFT DATA					FLIGHT PUR POSE	PILOT DATA
3-4257	TIME - 15		CESSNA 3100 N77010 DAMAGE-DESTROYED					NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 31, 1731 TOTAL HOURS, 52 IN TYPE, INSTRUMENT RATED.
	DEPARTURE	IRPORT - MUNICIPA E POINT IA.WI	INTENDED DESTINATION						
	TYPE OF A		TER UNCONTROLLED		F			F OPERATION NG MISSED APPROACH	
	PROBABLE PILOT I		AL DISORIENTATION						
		- LOW CEILING - RAIN							
	WEATHER B	RIEFING - BRIEFED	BY FLIGHT SERVICE PERS T SUBSTANTIALLY CORRECT	ONNEL,	В	/ PH	ÖNE		
	SKY CONDI OBSCURA				(	EIL 10		AT ACCIDENT SITE	
		Y AT ACCIDENT SIT .E OR LESS	E .		F		IPI IZZ	TATION AT ACCIDENT SITE LE	
	OBSTRUCTI FOG	ONS TO VISION AT	ACCIDENT SITE		•	TE MP 5 C		TUR E~F	
	TYPE OF W	EATHER CONDITIONS			•	TYP E I F		FLIGHT PLAN	

FILE	DATE		AIRCRAFT DATA	1	F	S M	N	PURPOSE		PILOT DATA
		NR.LANDER.WY	BEECH J35	CR-	1	0	0	NONCOMMERCIAL		PRIVATE, AGE 55, 778 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
	RAPID	RE POINT CITY√SD ACCIDENT	INTENDED DESTINATION BIG PINEY.WY			H A C I	: n	F OPERATION		
		MUSH			-		_	IGHT OTHER		
	PILOT PILOT PILOT WEATH FACTOR ( WEATHER WEATHER WEATHER MISSING	IN COMMAND - IMPRI IN COMMAND - FAIL ER - DOWNDRAFT, UPD S) ER - LOW CEILING BRIEFING - BRIEFE FORECAST - FORECA AIRCRAFT - LATER	D BY FLIGHT SERVICE PERS ST SUBSTANTIALLY CORRECT	OR PLA YING S	BY	I ING :D ' PHI	DNE			
		DITION WN/NOT REPORTED ITY AT ACCIDENT SI	TE .			UN	(NO	AT ACCIDENT SITE NN/NOT REPORTED TATION AT ACCIDENT	STIF	
	UNKNO	IRUCTIONS TO VISION AT ACCIDENT SITE  WKNOWN/NOT REPORTED  UNKNOWN/NOT REPORTED  TYPE OF WEATHER CONDITIONS								
		WN/NOT REPORTED FLIGHT PLAN				VFI	t			
		- FLT OVR HIGH ROU	GH TERRAIN.RVRSED CUS,SE	TTLED	INT	TO RI	CK	Y TERRAIN ELEV 115	noFT.FOL	JND 6/6/77.

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FILE	DATE	LOCATION	AIRCRAFT DATA			ES M/N		*	PILOT DATA
3-1086	5/28/77 TIME - 1	NR.WHEATLAND.WY 330	BEECH 19A N6952Q DAMAGE-DESTROYED	CR- PX-				TRANSP	PRIVATE, AGE 41, 424 TOTAL HOURS, 353 IN TYPE NOT INSTRUMENT RATED.
	DEPARTUR MESA•A	Z ACCIDENT	INTENDED DESTINATION WHEATLAND.WY		PH	GRAN ASE	NROUTE STOP D JUNCTION, CO DF OPERATION IGHT BUZZING		
	PILOT PILOT MISCEL FACTOR(S WEATHE	CAUSE(S) IN COMMAND - DIVER IN COMMAND - FAILE LANEOUS ACTS, CONDI ) R - UNFAVORABLE WI BRIEFING - NO RECO	AFT						
	SKY COND	TTION			CF		AT ACCIDENT SITE		
						ILMI T			
	CLEAR VISIBILI	TY AT ACCIDENT SIT	E		PR	UNL II ECIP NONE	MITED ITATION AT ACCIDENT	SITE	
	CLEAR VISIBILI 5 OR O	TY AT ACCIDENT SIT			PR WI	C I P		SITE	
	CLEAR VISIBILI 5 OR O OBSTRUCT NONE	TY AT ACCIDENT SIT			PR WI TY	ECIP NONE ND D 270	ITATION AT ACCIDENT	SITE	
	CLEAR VISIBILI 5 OR O OBSTRUCT NONE WIND VEL 25	TY AT ACCIDENT SIT VER(UNLIMITED) TONS TO VISION AT			PR WI TY	ECIP NONE ND D 270 PE OF	TATION AT ACCIDENT	SITE	

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIE F S		FLIGHT PURPOSE	PILOT DATA
	9/27/77 N TIME - 182	R.TENSLEEP,WY	BELLANCA 7GCBC N8363V DAMAGE-SUBSTANTIAL			NONCOMMERCIAL AERIAL SURVEY	PRIVATE, AGE 38, 200 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE WORLAND, TYPE OF AC	WY	INTENDED DESTINATION LOCAL	РНА	SE OF	OPERATION	
	STALL S	PIN		I	FLI	GHT OTHER	
	TERRAIN	- HIGH DENSITY A - HIGH OBSTRUCTI IEFING - NO RECO					
		SKY CONDITION CLEAR VISIBILITY AT ACCIDENT SITE 5 OR OVER(UNLIMITED)			AT ACCIDENT SITE		
	VISIBILITY		PRE	ILIMI CIPIT ONE	TED TATION AT ACCIDENT SIT	E	
	OBSTRUCTIO NONE	NS TO VISION AT	ACCIDENT SITE	TEM 5	_	URE-F	
•	TYPE OF WE	ATHER CONDITIONS	<b>;</b>		OF R	FLIGHT PLAN	
	FIRE AFTER	IMPACT					

FILE		LOCATION	AIRCRAFT DATA		F	S M/	'N	PURPOSE		PILOT DATA
	10/4/77 TIME - 0900	SHERIDAN, WY O	MOONEY M20C N5581Q DAMAGE-DESTROYED	CR-	1	0	0 N	IONCOMMER CIAL	•	PRIVATE, AGE 48, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
		RPORT - SHERIDAN	COUNTY INTENDED DESTINATION							
	SHERIDAN	, WY	ST.LOUIS.MO							
	TYPE OF ACC							OPERATION		
	COLFIZION	N WITH GROUND/WAT	ER UNCONTROLLED			ΙN	FLIG	HT UNCONTROLLED	DESCENT	· · · · ·
	WEATHER - WEATHER - PILOT IN WEATHER BRI MISSING AIR	- FOG COMMAND - INADEQ IEFING - NO RECOR RCRAFT - LATER RE	UATE PREFLIGHT PREPARA D OF BRIEFING RECEIVED COVERED							
	SKY CONDITI	ION			C	EILI 200	-	T ACCIDENT SITE		
	VISIBILITY	AT ACCIDENT SITE			Pi			TION AT ACCIDENT	SITE	
	1 MILE OF				-	RAI				
	FOG	NS TO VISION AT A	CCIDENT SITE		1	40 40	KAIU	RE-F		
		TION-DEGREES			W		VELO	CITY-KNOTS		
	TYPE OF WEA	ATHER CONDITIONS			T		OF F	LIGHT PLAN		
	IFR					NON	ΙE			

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N		PILOT DATA
3-4191	TIME - 183  DEPARTURE GOODLANG TYPE OF AG COLLISIG  PROBABLE ( PILOT IF FACTOR(S) WEATHER WEATHER WEATHER WEATHER WEATHER WEATHER WEATHER BE WEATHER BE	POINT O-KS CCIDENT ON WITH GROUND/WA CAUSE(S) N COMMAND - INITIA - LOW CEILING - ICING CONDITION - TURBULENCE, ASS RIEFING - BRIEFED	DAMAGE-DESTROYED INTENDED DESTINATION TWIN FALLS, ID  TER CONTROLLED  ATED FLIGHT IN ADVERSE  NS-INCLUDES SLEET, FREEZ SOCIATED W/CLOUDS AND/OI AFTS BY FLIGHT SERVICE PERSIT SUBSTANTIALLY CORRECT	PX- 1 0 0  LAST ENR UNKNOWN PHASE OF IN FLI WEATHER CONDITION ING RAIN, ETC. R THUNDERSTORMS	BUSINESS ROUTE STOP FONT REPORTED OPERATION GHT NORMAL CRUISE	PRIVATE, AGE 35, 391 . TOTAL HOURS, 163 IN TYPE, NOT INSTRUMENT RATED.
	UNKNOWN, OBSTRUCTIO BLOWING TYPE OF FI	T Y AT ACCIDENT SITI /NOT REPORTED DNS TO VISION AT A	ACCIDENT SITE	UNKNOW PRECIPIT SNOW S	AT ACCIDENT SITE IN/NOT REPORTED SATION AT ACCIDENT SITE HOWERS WEATHER CONDITIONS	

FILE	DATE	LOCATION	AIRCRAFT DATA	F	S M	/N	FLIGHT PURPOSE	PILST DATA			
-2913	TIME - 22		N4434F DAMAGE-DESTROYED	CR- 1	0	0	MISCELLANEOUS	· ·			
			FT LAUDERDALE, FL		c	- 01	COEDATION				
	TYPE OF ACCIDENT  AIRFRAME FAILURE IN FLIGHT  PHASE OF OPERATION  IN FLIGHT UNCONTROLLED DESCENT										
	PROBABLE	CAUSE(S)						•			
	PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL PILOT IN COMMAND - CONTINUED VER FLIGHT INTO ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - SPATIAL DISORIENTATION PILOT IN COMMAND - EXCEEDED DESIGNED STRESS LIMITS OF AIRCRAFT										
	FACTOR(S)  WEATHER - LOW CEILING  WEATHER - TURBULENCE, ASSOCIATED W/CLOUDS AND/OR THUNDERSTORMS  WEATHER - THUNDERSTORM ACTIVITY  AIRFRAME - WINGS OTHER										
	WEATHER F	_ANEGUS ACTS+CONDITION BRIEFING - NO RECORD O FORECAST - FORECAST SU	F BRIEFING RECEIVED								
	SKY CONDI	ITION N/NOT REPORTED			CEIL 10		AT ACCIDENT SITE				
	VISIBILIT	TY AT ACCIDENT SITE S-OR LESS			PREC	IPI	TATION AT ACCIDENT SITE SHOWERS, THUNDERSTORM				
	OBSTRUCT)	IONS TO VISION AT ACCI	DENT SITE				WEATHER CONDITIONS WN/NOT REPORTED				
	NONE	FLIGHT PLAN WING RCVRD 23-16N.78-	SOW.INI INDEX PRESII	4ED -		-					

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, 100	DATE LOCA	TION	AIRCRAFT DATA	IN	JUR F	IES S M,	'N	FLIGHT PUR POSE		PILOT DATA
	12/24/77 NR.MAYAGUE TIME - 1910	Z • PR	PIPER PA-28 N4901J DAMAGE-DESTROYED							PRIVATE, AGE 49, UNK/NF TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT PORT AU PRINCE, HA	ITI	TENDED DESTINATION SAN JUAN•PR							
	TYPE OF ACCIDENT COLLISION WITH GRO	DUND/WATER	UNCONTROLLED					FOPERATION IGHT UNCONTROLLE	DESCENT	r
	PILOT IN COMMAND - FACTOR(S) WEATHER - RAIN WEATHER - TURBULE! WEATHER - THUNDER! WEATHER BRIEFING - I WEATHER FORECAST - I	NCE+ ASSOCI STORM ACTIV NO RECORD O	ATED W/CLOUDS AND/O	R THUN	DER	S TOF	RMS			
	SKY CONDITION				C	EIL:		AT ACCIDENT SITE		
		OVERCAST VISIBILITY AT ACCIDENT SITE 5 OR OVER(UNITMITED)						TATION AT ACCIDEN ERSTORM, RAIN SHO		
	OBSTRUCTIONS TO VIS		T	MP (	R A	TURE-F	•			
	UNKNOWN/NOT REPOR	TED			M		VEL	OCITY-KNOTS		
	UNKNOWN/NOT REPOR	TED EES				8	OF	COCITY-KNOTS FLIGHT PLAN		

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Fatal Accidents I Weather as a Caus



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