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BRIEFS OF ACCIDENTS INVOLVING MISSING AND MISSING LATER RECOVERED AIRCRAFT

U. S. GENERAL AVIATION 1976

REPORT NUMBER: NTSB-AMM-78-7

UNITED STATES GOVERNMENT

MMG 7-87

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NATIONAL TRANSPORTAT		Recovered Aircraft, 1976	
Washington, D. C. 20	1594	14. Sponsoring Agency Code	
15.Supplementary Notes			
16.Abstract			
This publication of missing later recovered Briefs, 11 of which cov recovered. The brief of probable cause(s) for a tabulated by type of a	ach accident. Additional st	Included are 87 accident vered and 76 missing later nditions, circumstances, and atistical information is injury index, aircraft damage	
This publication of missing later recovered Briefs, 11 of which covered. The brief of probable cause(s) for a tabulated by type of a pilot certificate, inju- published annually.	accidents occurring in 1976 ver missing aircraft not reco cormat presents the facts, co each accident. Additional st ccident, phase of operation, aries and causal factor(s). idents, missing aircraft, d aircraft, U.S. general se, type of accident, phase co ing, aircraft damage, injurie	 Included are 87 accident vered and 76 missing later nditions, circumstances, and atistical information is injury index, aircraft damage This publication will be 18.Distribution will be 18.Distribution Statement This document is availab to the public through the National Technical Infor- mation Service, Springfit Virginia 22151 	le e e eld

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FOREWORD

This report contains U.S. General Aviation missing and missing later recovered accident Briefs arranged in state and date order. In addition, this publication includes several statistical tables which tabulate and summarize selected accident information, such as type of accident, phase of operation, injuries, cause/factors and pilot certificate.

In 1976, 87 U.S. General Aviation flights were reported missing, 11 of these remain missing to date. In the same time period, the U.S. General Aviation fleet compiled 36,127,631 flying hours, resulting in a missing aircraft rate per 100,000 hours of 0.03 and missing later recovered rate per 100,000 of 0.21.

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 therof, 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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EXPLANATORY NOTES

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

 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.
 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.

EXPLANATORY NOTES

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. <u>Miscellaneous Flying</u> 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).

EXPLANATORY NOTES

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 -	12,565 pounds)
5,701 -	27,000 kilograms	(12,566 -	59,525 pounds)
27,001 -	272,000 kilograms	(59,526 -	599,650 pounds)
272,001 -	kilograms and greater	(599,651 pou	nds 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. AERIAL ADVERTISE ATR, FLIGHT INSTR. AIR SHOW/RACING AIR TAXI-CARGO AIR TAXI-PASSG APPROACH CTL-DEPARTURE APR CTL-TOW ENRT CTL SRV ASSOC CROP CTL ACTIVITIES ASSOC FIRE CTL ACTIVITIES COMMERCIAL, FLIGHT . INSTR CORP/EXEC CR-CTR CARGO-D CTR CARGO-I CTR PASSG-D CTR PASSG-I LAST ENROUTE STOP MAPPING/PHOTO MIL CONTRACT CARGO INTL MIL CONTRACT PASSG INTL MILITARY CTR CARGO DOM MILITARY CTR PASSG DOM MIL/CTR CARGO MIL/CTR PASSG NR. NS CTR CARGO NS CTR PASSG NS CTR REVENUE CARGO DOM NS CTR REVENUE CARGO INTL NS CTR REVENUE PASSG DOM NS CTR REVENUE PASSG INTL 0T-PARAJUMP PRIVATE, FL. INST R. PX-RADAR CTL/SURVEILLANCE SCHED CARGO SRV SCHED DOM PASSG SRV SCHED DOM CARGO SRV SCHED INTERNATL CARGO SRV SCHED INTERNATL PASSG SRV SCHED PASSG SRV S-D S-1 UNK/NR

LIST OF ABBREVIATIONS USED IN BRIEFS AERIAL ADVERTISING AIRLINE TRANSPORT INSTRUCTOR AIR SHOW/AIR RACING AIR TAXI-CARGO OPERATIONS AIR TAXI-PASSENGER OPERATIONS APPROACH CONTROL-DEPARTURE APPROACH CONTROL-TOWER EN ROUTE CONTROL SERVICE ASSOCIATED CROP CONTROL ACTIVITIES ASSOCIATED FIRE CONTROL ACTIVITIES COMMERCIAL FLIGHT INSTRUCTOR CORPORATION/EXECUTIVE CREW CONTRACT/CHARTER-CARGO-DOMESTIC CONTRACT/CHARTER-CARGO-INTERNATIONAL CONTRACT/CHARTER-PASSENGER-DOMESTIC CONTRACT/CHARTER-PASSENGER-INTERNATIONAL LAST PLANNED EN ROUTE LANDING POINT AERIAL MAPPING/PHOTOGRAPHY MILITARY CONTRACT-CARGO-INTERNATIONAL MILITARY CONTRACT-PASSENGER-INTERNATIONAL MILITARY CONTRACT-CARGO-DOMESTIC MILITARY CONTRACT-PASSENGER-DOMESTIC MILITARY CONTRACT-CARGO MILITARY CONTRACT-PASSENGER NEAR NONSCHEDULED/CHARITER REVENUE CARGO-INTRA-STATE NONSCHEDULED/CHARTER REVENUE PASSENGER-INTRA-STATE NONSCHEDULED/CHARITER REVENUE CARGO-DOMESTIC NONSCHEDULED/CHARTER REVENUE CARGO-INTERNATIONAL NONSCHEDULED/CHARTER REVENUE PASSENGER-DOMESTIC NONSCHEDULED/CHARTER REVENUE PASSENGER-INTERNATL OTHER AIRCRAFT AND GROUND PARACHUTE JUMP PRIVATE FLIGHT INSTRUCTOR PASSENGERS RADAR CONTROL/SURVEILLANCE SCHEDULED CARGO SERVICE SCHEDULED DOMESTIC CARGO SERVICE SCHEDULED DOMESTIC PASSENGER SERVICE SCHEDULED INTERNATIONAL CARGO SERVICE SCHEDULED INTERNATIONAL PASSENGER SERVICE SCHEDULED PASSENGER SERVICE SCHEDULED DOMESTIC SCHEDULED INTERNATIONAL UNKNOWN/NOT REPORTED

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TN.IURTES, ACCIDENTS
U.S. GENERAL AVIATION
ACCIDENTS INVOLVING MISSING AND MISSING LATER RECOVERED AIRCRAFT

1976

				INJURIES			
	FATAL	SÉRIOUS	м і млк	NUNE	UWK NUMN		711141
PTLOT	79	 5	1				87
COPILOT	5						5
DUAL STUDENT	1						1
CHECK PILOT							
FLIGHT FNGINFFR							
NAVIGATOR							
CARIN ATTENDANT	• · ·						
FXTRA CREW							
PASSENGERS	90	9	1	2			102
τοτλι	175	14	, ,	4		<u>ΑΒΩΔ</u> ΒΪ	195
NTHER AJRCRAFT NTHER GROUND							
RAND TOTAL	175	14	2	4			195

INVOLVES	87	TOTAL	ACCIDENTS	
INVOLVES	81	FATAL	ACCIDENTS	

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I.

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INJURIES.ACCIDENTS H.S. GENERAL AVIATION AIRCRAFT INITIALLY REPORTED AS MISSING, LATER RECOVERED

				INJURIES)
	FATAL	SERTOUS	MINOR	NONE	UNKNOWN		ΤΟΤΑΙ
PILOT COPILOT DUAL STUDENT CHECK PILOT FLIGHT ENGINFER NAVICATOR	68 , 5 1	5 ·	1	2			76 5 1
CARIN ATTENDANT FXTRA CREW PASSENGERS	78	Q	1	2			90
τοται	152	14	2	4		ABNARD	
OTHER AIRCRAFT Other ground							
. GRAND TOTAL	152	14	. 2	4			172
		:					
	COPILOT DUAL STUDENT CHECK PILOT FLIGHT ENGINFER NAVIGATOR CABIN ATTENDANT FXTRA CREW PASSENGERS TOTAL OTHER AIRCRAFT OTHER GROUND GRAND TOTAL	PILOT 68 COPILIOT 5 DUAL STUDENT 1 CHECK PILOT 1 CHECK PILOT 1 FLIGHT ENGINEER NAVIGATOR CABIN ATTENDANT FXTRA CREW PASSENGERS 78 TOTAL 152 OTHER AIRCRAFT OTHER GROUND 152 GRAND TOTAL 152	PILOT 68 5 COPILIOT 5 DUAL STUDENT 1 CHECK PILOT 1 FLIGHT FNGINFER NAVIGATOR CABIN ATTENDANT FXTRA CRFW PASSENGERS 78 9 TOTAL 152 14 OTHER AIRCRAFT OTHER GROUND GRAND TOTAL 152 14	PILOT 6A 5 1 COPILOT 5 DUAL STUDENT 1 CHECK PILOT FLIGHT FNGINFER NAVIGATOR CABIN ATTENDANT FXTRA CRFW PASSENGERS 7A 9 1 TOTAL 152 14 2 OTHER AIRCRAFT OTHER GROUND GRAND TOTAL 152 14 2	EATALSERIOUSMINORNONEPILOT6A512COPILOT512DUAL STUDENT11CHECK PILOT11FLIGHT ENGINFERNAVIGATOR7A91CARIN ATTENDANTFXTRA CREWPASSENGERS7A91PASSENGERS7A912TOTAL1521424OTHER GROUND1521424INVOLVES76 <total< td="">1521424</total<>	FATALSERIOUSMINORNONEUNKNOWNPILOT68512COPILOT5012OUAL STIDENT1512CHECK PILOT16612FLIGHT FNGINFERNAVIGATORCARIN ATTENDANT77FATAL CREW78912PASSENGERS78912TOTAL1521424OTHER AIRCRAFT1521424INVOLVES76TOTAL ACCIDENTS1424	FATAL SERTOUS MINOR NONE UNKNOWN PILOT 68 5 1 2 OUAL STIDENT 1 1 2 2 OUAL STIDENT 1 1 2 2 CARIN ATTENDANT FXTRA CREW 2 2 2 MANIGATOR CARIN ATTENDANT FXTRA CREW 2 4 ABOARD PASSENGERS 7A 9 1 2 4 ABOARD OTHER AIRCRAFT 152 14 2 4 4 4 OTHER GROUND 152 14 2 4 4 4 INVOLVES 76 TOTAL ACCIDENTS 14 2 4 4

INJURIES, ACCIDENTS U.S. GENERAL AVIATION AIRCRAFT REPORTED AS MISSING, NOT RECOVERED

1976

	TN, HIR TES								
	FATAL	SERIOUS	MINOR	NUNE	UNKNOWN	τοτοι			
PILOT									
COPILOT									
DUAL STUDENT									
CHECK PILOT									
FLIGHT ENGINEER		•							
NAVIGATOR									
CARIN ATTENDANT									
EXTRA CREW									
PASSENGERS	12					12			

TOTAL

23

1

ω OTHER AIRCRAFT

I OTHER GROUND

GRAND TOTAL

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27

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INVOLVES 11 TOTAL ACCIDENTS INVOLVES 11 FATAL ACCIDENTS 27

27

ABOARD

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		E	MERG	ENCY L	NCATOR TION A	TRAI	NSMITI SE	ER						
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ACCIDENT SITE - TERRAIN (TYPE) - <u>(UFF AIRPORT PROPER)</u>	<u>()</u>	4°	Q*	and part	t pri	L PUL	- th	brt prt	RIC.	t pur		RECORDS	ACCIDENTS	PERCENT
MOUNTAINOUS	9	2	1	5	2	3	3	5	Э		4	37	37	48.68
HILLY	1		1	<u>2</u> .	1		2		1			7	٦	9.21
ROLLING	2					•	2				1	5	5	6.58
LEVEL.FLAT	2			2	1	2	1	3		1		12	12	15.79
FROZEN					-	-	-	-		-				15.17
RNCKY							•							
SANDY														
DENSE WITH TREES (FOREST, MONDED AREA		1		2		1	Э	2	2			11	11	14.47
CITY AREA						-	-	-	-			••		14.47
PLOWED														
WATER-LAKES.RIVERS.ETC.	1										2	3	3	3.95
OTHER	-								ı		-	1	1	1.32
UNKNOWN/NOT REPORTED				·					•			•	B	1.32
		:												
RECORDS	15	3	1	5	4	6	11	10.	7		٦	76		
ACCIDENTS	15	3	1	5		6	11	10	. 1	;	,	10	76	
PERCENTS	19.7		9.2	_	5.3	-	14.5			1.3			10	
			~•2						7.2	1.3	7.2			

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

AIRCRAFT INITIALLY REPORTED AS MISSING, LATER RECOVERED

ANALYTIC TABLE

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Statistical Tables

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Accidents

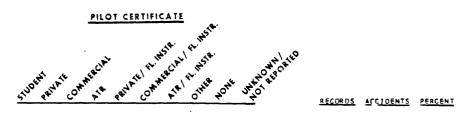
Involving

Missing, Later

Recovered Aircraft

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KIND OF FLYING BY PILOT CERTIFICATE



KIND OF FLYING

INSTRUCTIONAL											
DUSL			1					1	1	1.32	
SOLO											
CHECK											
TRAINING		۱						1	1	1.32	
NONCOMMERCIAL											
PLEASIRE	4	45	A		2			59	59	77.63	
PRACTICE											
RUSINESS		4			1			5	5	6.58	
CORPORATE/FXECUTIVE						1		1	1	1.32	
AFRIAL SURVEY											
COMPANY FLIGHT											·
OTHER		1						1	1	1.32	
COMMERCIAL											
AERIAL APPLICATION											
CROP GONTROL RELATED FLIGHT			1.					1	1	1.32	
FIRE CONTROL											
FIRE CONTROL RELATED FLIGHT											
AERIAL MAPPING/PHOTOGRAPHY											
AERIAL ADVERTISING											
POWER AND PIPELINE PATROL											
FISH SPOTTING						•			•		
AIR TAXI-PASSENGER OPERATIONS			1		1			2	2	2.63	
AIR TAXI-CARGO OPERATIONS			1					1	1	1.32	
CONSTRUCTION WORK											
SCHEDULED PASSENGER SERVICE											
SCHEDULED CARGO SERVICE											
INTRA-STATE CHARTER PASSG.											
INTRA-STATE CHARTER CARGO.											
HILITARY CONTRACT-PASSENGER											
MILITARY CONTRACT-CARGO				•							
CHARTER CARGO-DOMESTIC											
CHARTER PASSG-DOMESTIC							•				
CHARTER-CARGO-INTERNATIONAL											
CHARTER-PASSG-INTERNATIONAL											
OTHER			1					1	1	1.32	

KIND OF FLYING BY PILOT CERTIFICATE

KIND OF FLYING		E CERTIFICATE	Jutto eco	RECORDS	ACCIDEN	TS DEQCENT
UNKNOWN/NOT REPORTED						
MISCELLANEOUS						
EXPERIMENTATION						
TEST	1			1	1	1.32
DEMONSTRATION						
FERRY	· 1			1	1	1.32
SEARCH AND RESCUE						
AIR SHOW/AIR RACING						
PARACHITE JUMP	• •					
PARACHUTE JUMP-ATR SHOW						
TOWING GLIDERS						
SEEDING CLOUDS						
HUNTING						
POLICE PATROL						
HIGHWAY TRAFFIC ADVISORY						
ALL OTHER PUBLIC FLYING						
OTHER		. 1		1	ì	1.32
UNKNOWN/NOT REPORTED						
<u>OTHER</u>						
RECORDS	4 57 14	5 1		76		
ACCIDENTS	4 52 14	5 1			76	
PERCENTS	5.3 6R.4 1R.4 .0 .	0 6.6 1.3 .0 .0	.0.			· ·

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FIRST TYPE OF ACCIDENT BY AIRCRAFT DAMAGE

AIRCRAFT DAMAGE



FIRST TYPE OF ACCIDENT

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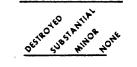
RECORDS ACCIDENTS PERCENT

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TTE OF ACCIDENT									
GROUND-WATER LOOP-SWERVE									
DRAGGED WINGTIP POD OR FLOAT	,								
WHEFLS-UP LANDING									
WHEELS-DOWN LANDING IN WATER									
GEAR COLLAPSED									
GEAR RETRACTED									
HARD LANDING									
NOSE OVER/DOWN									
RALI. OVER									
INDEP SHOOT									
COULISION BETWEEN AIRCRAFT									
BOTH IN FLIGHT									
ONE ATPRORNE	•								
BOTH ON GROUND									
COLLISION WITH GROUND/WATER									
CONTROLLED	18	1					19	19	25.00
UNCONTROLLED	24	٦					27	27	35.53
COLLIDED WITH									
WIRES/POLES	4	1					5	5	A.5A
TREES	9					•	9	9	11.84
RESIDENCE/S									
AUTLOTNEZS									
FENCE. FENCEPOSTS						•			
FLECTRONIC TOWERS									
RUNWAY OR APPROACH LIGHTS									
ATRPORT HAZARO									
AN [MAL S									
CROP									
FLAGMAN LOADER									
DITCHES									
SNOWBANK									
PARKED AIRCRAFT (UNATTENDED)									
AUTOMORILE									
DIRT BANK									
OTHER									
			_						
			- 7 -	•					

FIRST TYPE OF ACCIDENT BY AIRCRAFT DAMAGE

AIRCRAFT DAMAGE



FIRST

TYPE	OF ACCIDENT	\$	it's a	US MI	* 40r					RECORDS	ACCIDENT	S PERCENT
	AIRD STRIKF											
	STALL	1	L							ı	1	1.32
	SPIN	:	?	ι						3	٦	3.95
:	SPTRAL	1	ι							1	1	1.32
1	MIISH		ı							1	1	1.37
1	FIRE OR EXPLOSION											
	IN FLIGHT											
ł	ON GROUND											
	ATREBAME FAILURE											
	IN FLIGHT	•	5							5	5	A.58
	ON GROUND											
,	ENGINE TEARAWAY											
	FNGINE FAILURE OR MALFUNCTION			1						5	5	6.58
<u>1</u>	PROPELLER/ROTOR FATLURE											
	PROPFLLFR											
	TATL ROTOR ·											
1	MAIN ROTOR											
1	PROP ROTOR ACONT TO PERSON											
	JET INTAKEZEXH ACONT TO PERS											
ŗ	PROPELLER/JET/ROTOR BLAST											
•	TUR RILLENCE				· ··· ··· ··· ···	 		• • • •				
,	HALL DAMAGE TO ALRERAFT											
1	LIGHTNING STRIKF											
• •	EVASIVE MANELIVER											
ı	UNCONTROLLED ALT DEVIATION				•				•			•
r	DITCHING											
,	MISSING ACET NOT RECOVERED											
	AT SCELLANEOUS / OTHER										•	
1	UNDETERMINED											
r	THER											
F	RECORDS	69	, .	,			•			76		
	ACCIDENTS	69	, -	,							76	
F	PERCENTS	90.6	· •.;	, .0	.0							

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FIRST PHASE OF OPERATION BY INJURY INDEX

INJURY INDEX

the set with to the

FIRST OPERATIONAL PHASE

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RECORDS ACCIDENTS PERCENT

1

•								
	STATIC		<u>,</u> 3					
	STARTING ENGINE/S		5.					
	IDLING ENGINE/S							
	ENGINE RUNUP							
	IDLING ROTORS							
	PARKED-ENGINES NOT OPERATING							
	OTHER							
	Taxi							
	ΤΟ ΤΔΚΕΩΕΕ							
	FROM LANDING							
	NTHER							
	GROUND TAXE TO TAKEDEE							
	GROUND TAXE FROM LANDING							
	GROUND TAXI, OTHER						•	
	AERIAL TAXI TO TAKEDEE							
	AERIAL TAXI TO/FROM LANDING							
	AERIAL TAXI, OTHER							
	TAKEDEE							
	RUN	,						
	INITIAL CLIMB	۱				1	1	1.32
	VERTICAL							
	RUNNING (ROTORCRAFT/VIOL-STOL)							
	ABORTED (FIXED-WING)							
•	ABORTED (ROTORCRAFT/VIOL)							
	ABORTED (ROTORCRAFT/STOL)							
	OTHER							
	INFLIGHT							
	CLIMB TO CRUISE	1		1		z	2	2.63
	NORMAL CRUISE	22				22	27	28.95
	DESCENDING	1				1	t	1.32
	HOLDING (IFR)							
	HOVERING							
	POWER-ON DESCENT (ROTORCRAFT)							
	AUTOROTATIVE DESCENT							
	ACP 08ATICS							
	BUZZING	1				1	1	1.32

- 9 -

FIRST PHASE OF OPERATION BY INJURY INDEX

FIRST OPERATIONAL PMASE	4	1 AL SU	10US	10° 10° 10° 10° 10° 10° 10° 10° 10° 10°			RECORDS	ACCIDE	NTS PERCE	NT
UNCONTROLLED DESCENT	20	2					22	27	28.95	
EMERGENCY DESCENT										
LOW PASS	5						5	5	6.58	
OTHER	14						14	14	18.42	
EN ROUTE TO TREAT CROP										
EN ROUTE TO RELOADING AREA										
SURVEY FIELD/AREA										
STARTING SWATH RUN										
SWATH RUN										
FLAREDUT FOR SWATH RUN										
PULLUP FROM SWATH RIIN					•					
PROCEDURE TURNARDUND										
CLEANUP SWATH										
MANEUVER TO AVOID OBSTRUCTION										
RETURN TO STRIP	1						1	1	1.32	
LANDING	•*.									
TRAFFIC PATTERN-CIRCLING	2						2	2	2.63	
FINAL APPROACH (VFR)										
INITIAL APPROACH		1					1	1	1.32	
FINAL APPROACH (IFR)										
LEVEL OFF/TOUCHDOWN	1	1		1	 	 	3	3	3.95	
ROLL (FIXED WING)								•		
ROLL-ON/RUN-ON (RGTORCRAFT)										
POWER-ON LANDING (ROTORCRAFT)										
POWER-OFF AUTOROTATIVE LDG										
GO-ARDUND (VFR)										
MISSED APPROACH (IFR)										
OTHER										
UNKNOWN/NOT REPORTED	1						1	1	1.32	
				_						
RECORDS	70	4		2			76			
ACCIDENTS PERCENTS	70			2				76 -		
PERCENIS	92.1	5.3	•0	2.6						

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AIRCRAFT INITIALLY REPORTED AS MISSING, LATER RECOVERED

U.S. GENFRAL AVIATION ACCIDENTS 1976 (EXCLUDES ACCIDENTS WITHOUT CAUSAL ASSIGNMENT)

4

INVOLVES 76 TOTAL ACCIDENTS

INVOLVES 70 FATAL ACCIDENTS

.

	·	FATA	ACCIDI	INTS		TAL ACCI		ALL ACCIDENTS		
ARNAN CAUSE/FACTOR	C A 	USE	F AC TOR	TOTAL*	CAUSE	FAC TOR	101AL*	CAUSE	FAC TOR	101AL *
PILOT		64	13 18.57	64 91.47	6 100.00	1 16.67	6 100.00	70 92.11	14 18.42	70 92.11
PERSONNEL		•00	4 5.71	4 5.71	.00	.00	•00	.00	4 5.26	4 5.26
ATRFRAME	·	•00	2 2.86	2 2.86	.00	.00	•00	.00	2 2.63	2 2.63
LANDING GEAR		.00	.00	.00	.00	.00	.00	.00	.00	.00
POWERPLANT		4 5.71	.00	4 5.71	.00	.00	•00	5.26	•00	4 5.26
SYSTEMS		•00	.00	.00	• 00	.00	•00	•00	•00	.00
INSTRUMENTS/EQUIPMENT & ACCESSORIES		.00	.00	.00	•00	.00	.00	.00	•00	•00
RNTORCRAFT		•00	.00	.00	.00	.00	•00	.00	.00	.00
AIRPORT/AIRWAYS/FACILITIES		.00	.00	.00	.00	.00	•00	.00	•00	.00
WEATHER		3 4.29	45 64.29	48 68.57	•00	5 A7.33	5 A3.33	3 3.95	50 65.79	53 69.74
TERRAIN		•00	29 41.43	· 29 41.43	1 16.67	4 66.67	5 83.33	1 1.32	33 43.42	34 44.74
MISCELLANEOUS		.00	.00	.00	.00	.00	•00	.00	.00	.00
UNDETERMINED		5 7.14	•00	5 7.14	00	.00	.00	5 6.5A	.00	5 6.58

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

* 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

AIRCRAFT INITIALLY REPORTED AS MISSING. LATER RECOVERED

U.S. GENERAL AVIATION ACCIDENTS 1976 (EXCLUDES ACCIDENTS WITHOUT CAUSAL ASSIGNMENT)

INVOLVES 76 TOTAL ACCIDENTS

INVOLVES 70 FATAL ACCIDENTS

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		FATAL ACCIDENTS NONFATAL ACCIDENTS			ALL ACCIDENTS				
DETAILED CAUSE/FACTOR	CAU SE	FAC TOR	TOTAL	C AU SE	FAC TOR	TOTAL	C 4U 5E	FAC TOR	TOTAL
** PILOT **									
PILOT IN COMMAND ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL BECAME LOST/DISORIENTED CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT EXCEEDED DESIGN STRESS LIMITS OF AIRCRAFT FAILED TO SEE AND AVOID ORJECTS OR OBSTRUCTIONS FAILED TO DETAIN/MAINTAIN FLYING SPEED	1 6 27 2 3 5 4	1 1 1	2 7 3 27 2 3 5 4	1 .3	1	2 3	1 7 30 2 3 5 4	-1 2 1	2 9 30 2 3 5 4
FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES FTC Improper Operation of Flight Controls Improper In-Flight Ofcisions or Planning Inadeguate Prefight Preparation and/or Planning Mismanagement of Fuel Exercised Poor Judgment	1 2 21 6	1 8 1	2 2 21 14 5	1 1 1		1 1 1	1 2 22 7 1 4	1 8 1	2 22 15 1 5
SELECTED UNSUITABLE TERBAIN INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS MISJUGED CLEARANCE INCAPACITATION PHYSICAL IMPAIRMENT SPATIAL DISORIENTATION	я 4 2 1 17	2	8 4 2 3 17	1		1	1 9 4 2 1 19	2	1 9 4 2 3 19
SUBTOTAL	116	15	131	11	1	12	127	16	143
** PERSONNEL **									
FLIGHT INSTRUCTOR INADEQUATE SUPERVISION OF FLIGHT Maintenance, servicing, inspection Improper maintenance(owner personnel)		1	1	•		•		1 1	1
INADEQUATE INSPECTION OF AIRCRAFT(MAINTENANCE PERSONNEL) OPERATIONAL SUPERVISORY PERSONNEL WEATHER PERSONNEL INCORRECT WEATHER FORECAST TRAFFIC CONTROL PERSONNEL		1	1					1	1
FAILURE TO ADVISE OF UNSAFE WEATHER CONDITION AIRPORT SUPERVISORY PERSONNEL AIRWAYS FACILITIES PERSONNEL PRODUCTION-DESIGN-PERSONNEL MISCELLANEOUS-PERSONNEL THIRD PILOT FLIGHT ENGINEER FLIGHT PERSONNEL		1	1					1	
DISPATCHING (AIR CARRIER ONLY) Subtotal		5	5					5	5
** AIRFRAME **		-	-						
₩INGS WING ATTACHMENT FITTINGS+ BOLTS FUSELAGE OTHER		1	1					1	1
LANDING GEAR FLIGHT CONTROL SURFACES		-	-						
SURTOTAL		2	2					2	2
** POWERPLANT **									
ENGINE STRUCTURE IGNITION SYSTEM									

POWERPLANT (CONTINUED)	FATAL ACCIDENTS				TAL ACCI		ALL ACCIDENTS		
DETAILED CAUSE/FACTOR		FACTOR		CAUSE	FACTOR	TOTAL		FACTOR	
FUEL SYSTEM									
	1		1				1		1
LUBRICATING SYSTEM COOLING SYSTEM									
PROPELLER AND ACCESSORIES EXHAUST SYSTEM									
ENGINE ACCESSORIES									
ENGINE CONTROLS POWERPLANT-INSTRUMENTS			. ÷.						
MISCELLANEOUS	_								
POWERPLANT FAILURE FOR UNDETERMINED REASONS REDUCTION GEAR ASSEMBLY	3		3				3		3
COMPRESSOR ASSEMBLY Combustion Assembly									
TURBINE ASSEMBLY									
ACCESSORY DRIVE ASSEMBLY Lubricating system				-					
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 EDUIPMENT Engine installation									
SUBTOTAL	4		4				4		4
♦= WEATHER **									
LOW CEILING Rain		35 10	35 10		3	3		38 11	3A 11
FOG		17	17					17	17
SNOW ICING CONDITIONS-INCLUDES SLEET, FREEZING RAIN, ETC		8 6	8 6		4 2	4 2		12	12 A
TURBULENCE IN FLIGHT, CLEAR AIR	1	1. 4	1				. 1	1	. 1
TURBULENCE ASSOCIATED WITH CLOUDS AND/OR THUNDERSTORMS DownDrafts, updrafts	i	3	4				i	3	4
HIGH DENSITY ALTITUDE Thunderstorm Activity	1	2	٦ 5		1	1	1	25	3
OTHER	•	ĩ	ĩ		•	•	•	ĩ	ĩ
SUBTOTAL	4	91	95		11	11	4	102	106
** TERRAIN **									
SNOW-COVERED Rough/uneven		1	1		ĩ	1		1 -	-1 1
HIGH OBSTRUCTIONS		26	26	1	3	4	1	29	30
OTHER		2	2			_		2	2
SUBTOTAL ** MISCELLANEOUS **		29	29	1	4	5	1	33	34
UNDETERMINED	5		5				5		5
SUBTOTAL	, 5		5				5		5
		• • •			. .				
GRAND TOTAL ## Miscellaneous acts, conditions **	129	142	271	12	16	28	141	158	299
DISREGARD OF GOOD OPERATING PRACTICE		2	2	1	1	2	1	3	4
UNWARRANTED LOW FLYING	4		4	•	•	•	4	-	4
FLEW INTO BLIND CANYON STOLEN DR UNAUTHORIZED USE OF AIRCRAFT	2	1	3 1				2	1	3
SEPARATION IN FLIGHT		4	4					4	4
CARGO SHIFTED	1		1				1		1

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MISCELLANEOUS ACTS, CONDITIONS (CONTINUED)

•	F & T 	AL ACCID	ENTS	NONF	TAL ACCI	DENTS	ALL ACCIDENTS		
DETAILED CAUSE/FACTOR	CAUSE	FACTOR	TOTAL	CAUSE	F AC TOR	TOTAL	CAUSE	FACTOR	TOTAL
PILOT FATIGUE PILOT SUFFERED HEART ATTACK	1	1	1					1	1
ALCOHOLIC IMPAIRMENT OF EFFICIENCY AND JUDGMENT AIRFRAME ICE	2	1	2	,		1	2	1	2
IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR CG Aircraft Came to rest in water	-	1	1				-	i	1
OVERLOAD FAILURE Material Failure	2 1	3	5				2 1	3	5
FUEL STARVATION	ĩ		i	1		1	2		2

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

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LISTING OF ACCIDENTS

FOLLOWED BY

BRIEFS OF ACCIDENTS

INVOLVING

MISSING AIRCRAFT

U.S. GENERAL AVIATION

1976

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LISTING OF AIRCRAFT

REPORTED AS MISSING, NOT RECOVERED

U.S. GENERAL AVIATION 1976 (IN FILE ORDER SEQUENCE)

F	ILE	AIRCRAF	г			AIRCRAF		INJURY
NU 	MBER	REGIST.	DATE		ATION	MAKE	MODEL	INDEX
30	081	N15496	011376	MISSING	AIRCRAFT	PIPER	P 4 - 28R	FATAL
3 0	377	N9816B	020676	MISSING	AIRCRAFT	BELLANCA	14-19	FAJAL
31	005.	N59186	051176	MISSING	AIRCRAFT	CESSNA	206	FATAL
31	108	N9490.T	012576	MISSING	AIRCRAFT	CESSNA	210	FATAL
3_1	506	N5953J	060276	MISSING	AIKCRAFT	CESSNA	150	FATAL
32	420	N1157	060476	MISSING	AIRCRAFT	BEECH	D50	FATAL
32	421	N34204	070876	MISSING	AIRCRAFT	CESSNA	177	FATAL
33	324	N9344D	070376	MISSING	AIRCRAFT	PIPER	P 4-22	FATAL
33	847	NSVR	091476	MISSING	AIRCRAFT	BELLANCA	7GCBC	FÁTAL
34	039	N4573P	122876	MISSING	AIRCRAFT	PIPFR	P A-23	FATAL
60	025	N6377J	080876	MISSING	ACFT	PIPER	PA-28	FATAL

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NATIONAL TRANSPORTATION SAFFTY BUARD

WASHINGTON, D. C. 20594

BRIFFS OF ACCIDENTS

INVOLVING MISSING AIRCRAFT

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1976

(IN FILE ORDER SEQUENCE)

FILE DATE INJURIES-FLIGHT PILOT DATA LOCATION AIRCRAFT DATA F S M/N PURPOSE 3-0081 1/13/76 MISSING AIRCRAFT PIPER PA-28R CR- 1 0 0 NONCOMMERCIAL CUMMERCIAL, FL.INSTR., TIME - UNK/NR N15496 PX- 0 0 0 PLEASURE/PERSONAL TRANSP AGE 32, 1620 TOTAL HOURS, DAMAGE-DESTROYED UNK/NR IN TYPE, INSTRU-MENT RATED. DEPARTURE POINT INTENDED DESTINATION NOR HOOD, MA MATAWAN,NJ TYPE OF ACCIDENT PHASE OF OPERATION MISSING AIRCRAFT.NDT RECOVERED UNKNOWN/NOT REPORTED PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED REMARKS- ACFT MISSING RETWEEN DEER PARK, NY AND MATAWAN, NJ DMG AND INJURY INDEX PRESUMED. 3-0377 2/6/76 MISSING AIRCRAFT BELLANCA 14-19 CR- 1 0 0 NONCOMMERCIAL PRIVATE, AGE 50, 900 TIME - UNK/NR PX- 3 0 0 PLEASURE/PERSONAL TRANSP TOTAL HOURS, UNK/NR IN N98168 TYPE, NOT INSTRUMENT DAMAGE-DESTROYED RATED. DEPARTURE POINT INTENDED DESTINATION SANTA BARBARA.CA MEXICALI.MEX TYPE OF ACCIDENT PHASE OF OPERATION MISSING AIRCRAFT.NOT RECOVERED UNKNOWN/NOT REPORTED PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED . REMARKS- ACFT DMG & INJURY INDEX PRESUMED. PAGE 16

			S OF ACCIDENTS		
FILE	DATE LOCATION	AIRCRAFT DATA	INJURTES F S M/	FLIGHT	PILOT DATA
	5/11/76 MISSING AIRCRAFT TIME - 1520		CR- 1 0 PX- 0 0	O COMMERCIAL O AIR TAXI-PASSG	CIMMERCIAL, AGE 57, 1087 TOTAL HOURS, 787 IN TYPE, NOT INSTRUMENT RATED.
(1)	DEPARTURE POINT GUSTAVUS+AK Type of accident	INTENDED DESTINATION HAINES.AK	PHASE	OF OPERATION	
·	MISSING AIRCRAFT.NOT RECO	IVERED		NOWN/NOT REPORTED	
	PROBABLE CAUSFIS) MISCELLANEOUS - UNDETERMI REMARKS- ACFT DMG & INJURY				
-1108	1/25/76 MISSING AIRCRAFT TIME – UNK/NR	CESSNA 210 N9490T DAMAGE-DESTROYED		O NONCOMMERCIAL O PLEASURE/PERSONAL TRANS	PRIVATE, AGE 52, 10000 P TOTAL HOURS, UNK/NR IN 19PE, NI)T INSTRUMENT RATED.
	DEPARTURE POINT UNKNOWN/NOT REPORTED Type of accident Missing Aircraft,not reco	INTENDED DESTINATION UNKNOWN/NOT REPORTED IVERED		OF OPERATION NOWN/NOT REPORTED	
	PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERM REMARKS- ACET DMG.INJ INDE)		•		
-1506	6/2/76 MISSING AIRCRAFT TIME - 1130	N5953 J DAMAGE-DESTROYED	CR- 1 0 (PX- 0 0	O INSTRUCTIONAL O SOLO	STUDENT, AGE 29, 32 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT MISSING AIRCRAFT	INTENDED DESTINATION LOCAL			
	TYPE OF ACCIDENT MISSING AIRCRAFT,NOT RECO	VERED	• •	OF OPERATION FLIGHT OTHER	
	PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERM REMARKS- ACFT OVERDUE AND L		FLT.DMG AND I	NJ INDEX PRESUMED.	
-2420	6/4/76 MISSING AIRCRAFT TIME - UNK/NR	REECH D50 N1157 DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	0 NONCOMMERCIAL 0 RUSINESS	CERTIFICATE UNKNOWN, AGE 28, UNK/NR INTAL HOURS, UNK/NR IN TYPE, UNK/NR INSTRUMENT RATED,
	DEPARTURE POINT Pahokef,FL Type of accident Missing Aircraft,Not Reco	INTENDED DESTINATION DOMINICAN REPUBLIC	UNKN PHASE	ENROUTE STOP OWN/NOT REPORTED OF OPERATION FLIGHT OTHER	
	PROBARLE CAUSE(S)	NED			
	TYPE OF ACCIDENT MISSING AIRCRAFT,NOT RECO	IVERED	PHASE IN	OF OPERATION	

BRIEFS OF ACCIDENTS

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FILE	DATE LOCATION	AIRCRAFT DATA	INJURIES F S M/N	ELIGHT PURPOSE	ΡΙΙΟΤ ΝΑΤΑ
	7/8/76 NISSING AIRCRAF TIME – UNK/NR			NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 33, UNK/NR IOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT NORFOLK,MA Type of accident Missing Aircraft,not Reci	INTENDED DESTINATION LOCAL NVERED	PHASE O	F OPERATION IGHT OTHER	1
	PROBABLE CAUSE(S) MISCELLANFOUS - UNDETERM REMARKS- DMG AND INJURY IN				
	7/3/76 MISSING AIRCRAF TIME - UNK/NR	T PIPER PA-22 N93440 DAMAGE-DESTROYED		NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 43, 102 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
	DEPARTNRE POINT SILETZ BAY.OR TYPE OF ACCIDENT MISSING AIRCRAFT.NOT REC	INTENDED DESTINATION SHELTON•WA	PHASE O	F OPERATION WN/NOT REPORTED	KATED.
	PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERM REMARKS- ACET DMG & INJURY				
3-3847	9/14/76 MISSING AIRCRAF TIME - UNK/NR	T RELLANCA 7GCRC N5VR DAMAGE-DESTROYED		NONCOMMERCIAL Pleasure/personal transp	TYPE, NOT INSTRUMENT
	DEPARTURE POINT UNKNOWN/NOT REPORTED TYPE OF ACCIDENT MISSING AIRCRAFT+NOT REC	INTENDED DESTINATION UNKNOWN/NOT REPORTE OVERED	D UNKNOW PHASE O	ROUTE STOP N/NOT REPORTED DE OPERATION TGHT NORMAL CRUISE	RAIED.
	PROBABLÉ CAUSE(S) MISCELLANEOUS - UNDETERM REMARKS- MAYDAY RECEIVED A		IN IMC.LAST TRA	NSMISSION WAS AT 2155ADT.	
			PAGE]A		
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BRIEFS OF ACCIDENTS

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FILE	DATE	LUCATION	AIRCRAFT DATA	F				EL IGHT PURPOSE	PILOT DATA
3-4039	TIME - UNK		N4573P DAMAGE-DESTROYFO		1 5	0 0	0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE UNK/NR. 1321 TUTAL HOURS, 1000 IN TYPE, INSTRUMENT RATED.
			INTENDED DESTINATION BEEF ISLAND.WI						
	TYPE OF ACC			P	HAS	F O	F OPERATION		
	MISSING AIRCRAFT, NOT RECOVERED					UN	KNO	WN/NOT REPORTED	
	PROBABLE CA MISCELLA	AUSE(S) NEOUS - UNDETERMI	NED						
	FACTOR(S)								
		- TURHULENCE, ASS - THUNDERSTORM AC	OCIATED W/CLOUDS AND/O TIVITY) - N	1510	IR MS		
		IEFING - UNKNOWN/							
	SKY CONDIT			C			AT ACCIDENT SITE		
		VISIBILITY AT ACCIDENT SITE						TATION AT ACCIDENT SITE	
		NOT REPORTED NS TO VISION AT A	CCIDENT SITE	UNKNOWN/NOT REPORTED TYPE OF WEATHER CONDITIONS					
	UNKNOWNZI	,			IF				
	TYPE OF FL NONE	,							
		AMAGE AND INJURY	INDEX PRESUMED.						
							•		
6~0025	TIME - UNK		N6377J					NONCOMMERCIAL Pleasure/personal tran	PRIVATE, AGE 51, 324 SP TOTAL HOURS, 20 IN TYPE, INSTRUMENT RATED.
	DEPARTURE F	POINT	DAMAGE-DESTROYED INTENDED DESTINATION BROWNSVILLE.TX						INGIKUMENT KATED.
	VERA CRU	Z.MFX	BROWNSVILLE.TX		-		. .	5 0050 / TI 00	
	TYPE OF ACCIDENT MISSING AIRCRAFT.NOT RECOVERED							F OPERATION WN/NOT REPORTED	
	····								
	REMARKS- AG	CFT DAMAGE, INJURY	INDEX PRESUMED.						

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LISTING OF ACCIDENTS

FOLLOWED BY

BRIEFS OF ACCIDENTS

INVOLVING

MISSING, LATER RECOVERED AIRCRAFT

U.S. GENERAL AVIATION

1976

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LISTING OF AIRCRAFT ACCIDENTS

INITIALLY REPORTED AS MISSING, LATER RECOVERED

U.S. GENERAL AVIATION 1976 (IN FILE ORDER SEQUENCE)

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FILE NUMBER	AIRCRAF REGIST.		LOCATION	AIRCRAN MAKE	T MODEL	INJURY INDEX
3 0952	N7075T	041076	NSWEET HOME+OR	CESSNA	172	FATAL
3 0953	N7148G	052176	WEISER, ID	CESSNA	172K	FATAL
3 0981	N1573X	042676	SIMLA,CO	PIPER	PA-28	FATAL
3 1028	N10081	042176	NROSEBURG+OR	CESSNA	177B	FATAL
3 1089	N71387	051476	NBURNSVILLE +NC	CESSNA	182	FATAL
3 1154	N86927	040876	NTR IMMER, CA	BELLANCA	14 - 132	FATAL
3 1209	N2341A	030276	NLIBERTY,TX	PIPER	PA-22	FATAL
3 1211	NIKG	042776	NPAMPA, TX	TINY HAWK	P6E	FATAL
3 1704	N42575	040476	FEATHER FALLS,CA	CESSNA	182L	FATAL
3 1811	N228F	060676	NTALKEETNA, AK	CESSNA	170	FATAL
3 1819	N3552Y	052676	MOODY + AK	CESSNA	182	FATAL
3 1830	N33BL	070276	TUCSON,AZ	BEECH	N35	FATAL
3 1877	N7490L	071376	NHELENA,MT	PIPER	PA-18	FATAL
3 1882	N4098L	032976	RUIDOSO,NM	CESSNA	340	FATAL
3 1900	N2974Z	070276	NPOST +TX	PIPER	PA-22	FATAL
3 1909	N2769R	070876	NHEBER CITY,UT	SCHWEIZER	SGU222	FATAL
3 1916	N2244S	072576	NC DD Y + WY	AERO COMDR	560F	FATAL
3 1921	N5890F	051676	NLIVINGSTON, AL	CESSNA	210G	FATAL
3 2062	N32682	022976	NETIWANDA,CA	PIPER	PA-32	FATAL
3 2228	N9154J	082476	NO.BONNEVILLE, WA	PIPER	PA-28	FATAL

LISTING OF AIRCRAFT ACCIDENTS

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INITIALLY REPORTED AS MISSING, LATER RECOVERED

U.S. GENERAL AVIATION 1976 (IN FILE ORDER SEQUENCE)

1	FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAF Make	MODEL	INJURY INDEX
3	2435	N9816B	020676	NS.GORGONIO PK.CA	BELLANCA	14-192	FATAL
3	2458	N20083	081176	NENUMCLAW, WA	CESSNA	172N	FATAL
3	2608	N8015K	062976	NK AMAS +UT	STINSON	108-2	FATAL
3	2718	N4652K	073076	NINDEPENDENCE, CA	CESSNA	182P	FATAL
3	2947	N8058X	081376	NSHELTER COVE+CA	CESSNA	172B	FATAL
3	2958	N313L	080476	SNOQULMIE PASS, WA	NAVION	A	FATAL
3	2959	N4855P	031576	NHOPE . AR	PIPER	PA-23	FATAL
3	3067	N7941S	062276	NBI SHOP + CA	BELL	2068	FATAL
3	3083	N91.620	092076	SANTA BARBARA,CA	CESSNA	182	FATAL
3	3131	N3.764D	092676	NPONCHA PASS.CO	CESSNA	1824	NONE
3	3243	N29RX	091876	ASHDOWN . AR	CESSNA	4218	FATAL
3	3246	N9997G	100576	NBUCKEYE+AZ	CESSNA	A188A	FATAL
3	3278	N80915	100976	HOOD RIVER,OR	GLOBE	GC-18	FATAL
3	3283	N7387V	092176	NBREMER TON+WA	BELLANCA	17-31	SERIOUS
3	3430	N1383M	082576	NSALMON, ID	CESSNA	TU206E	FATAL
3	3466	N2227A	061876	NGADWIN, MI	PIPER	PA-22	FATAL
3	3505	N5591R	102876	NFLAGSTAFF, AZ	CESSNA	172	FATAL
3	3556	N3783F	081676	MANDANOND	CESSNA	172	FATAL
3	3593	N7614P	091576	NTRINITY CENTER,CA	PIPER	PA-24	FATAL
3	3627	N9490T	012576	NJENA,LA	CESSNA	210	FATAL

LISTING OF AIRCRAFT ACCIDENTS

INITIALLY REPORTED AS MISSING, LATER RECOVERED

U.S. GENERAL AVIATION 1976 (IN FILE ORDER SEQUENCE)

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FILE NUMBER	AIRCRAF REGIST.	T DATE	LOCATION	AIRCRAI Make 	T MODEL	INJURY INDEX
3 3758	N4819V	101576	NSEGUIN,TX	BELLANCA	17-30	FATAL
3 3793	N9186M	112076	SAN MARCOS+CA	CESSNA	182	FATAL
3 3798	N4027B	111976	NTADS,NM	BELLANCA	17-30A	FATAL
3 3808	N5679L	121976	ALDER+CO	GRUM AMER	AA-1	FATAL
3 3833	N90193	121176	NSHER IDAN + WY	CESSNA	120	FATAL
3 3879	N64024	121176	VANDALIA.IL	CESSNA	172M	FATAL
3 3906	N15987	112276	NSANDPOINT, ID	PIPER	PA-28R	FATAL
3 3978	N4635S	123176	NBARSTON,CA	BEECH	95-855	FATAL
3 3995	N78698	122876	NPERRY,FL	PIPER	PA-11	NONE
3 4017	N12364	122276	NEMPIRE,NV	CESSNA	172M	FATAL
3 4075	N4208F	112676	NFARMINGTON, NM	PIPER	PA-28	FATAL
3 4127	N99258	121976	PALO,MI	ERCO	415-C	FATAL
3 4138	N34434	100376	MANTENO,IL	CESSNA	1778	FATAL
3 4148	N2080C	092076	L'ANSE,MI	BEECH	95	FATAL
3 4164	N21496	042976	NKIRKLAND, TX	CESSNA	172M	FATAL
3 4169	N80BD	120976	YOSEMITE+CA	HOWARD	500	FATAL
3 4177	N5205X	071376	NSANTA BARBARA,CA	CESSNA	320	FATAL

NATIONAL TRANSPORTATION SAFETY BOARD

WASHINGTON, D. C. 20594

BRIEFS OF ACCIDENTS

INVOLVING MISSING, LATER RECOVERED AIRCRAFT

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1976

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(IN STATE AND DATE ORDER)

FILE	DATE	LOCATION	AIRCRAFT DATA	۰۱۱	JUF F	RIES S M		FLIGHT PURPOSE		PILUT DATA
3-1921	TIME - 1 DEPARTUR TUSCAL	RE POINT LOOSA, AL ACCIDENT	CESSNA 210G N5890F DAMAGE-DESTROYED INTENDED DESTINATION ATLANTA,GA	CR- PX-	Ō	0 Рна 5	Ö	NONCOMMERCIAL PLEASURE/PERSONAL DF (IPERATION IGHT LOW PASS	TRANSP	COMMERCIAL, AGE 48, 700 TOTAL HOURS, 40 IN TYPE, INSTRUMENT RATED.
	PILOT PILOT FACTORIS TERRAI PILOT MISSING FIRE AFT	IN COMMAND - FAILED S) IN - HIGH OBSTRUCTIO IN COMMAND - PHYSIC AIRCRAFT - LATER RU FER IMPACT	CAL IMPAIRMENT	LYING S	PEE	Đ			5 7- 8055	IRIF HFART ATTACK.

FILE	DATE	LOCATION	AIRCRAFT DATA			IES S M/				PILOT DATA
3-1819	5/26/76	MODDY , AK	CESSNA 182	CR-	1	0	0	NONCOMMERCIAL		PRIVATE, AGE 53, 1237
	TIME - UN	K/NR	N3552Y DAMAGE-DESTROYED	PX-	3	0	0	PLEASURE/PERSONAL	TRANSP	TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
		POINT I GE.AK	NTENDED DESTINATION							
	TYPE OF A	CCIDENT			PI	HASE	0	OPERATION		
	COLLISI	ON WITH GROUND/WATER	CONTROLLED			IN	FLI	GHT NORMAL CRUIS	E	
	PILOT 1 FACTOR(S) TERRAIN WEATHER WEATHER WEATHER B WEATHER F	- HIGH OBSTRUCTIONS - LOW CEILING - SNOW RIEFING - BRIEFED BY ORECAST - FORECAST SH IRCRAFT - LATER RECO	IN-FLIGHT DECISIONS FLIGHT SERVICE PERSO IBSTANTIALLY CORRECT VERED	OR PL	BY	ING PHO	INE	AT ACCIDENT SITE		
			-					N/NOT REPORTED		
		Y AT ACCIDENT SITE			PI		P 1	ATION AT ACCIDENT	SITE	
		ONS TO VISION AT ACC	IDENT SITE			YPE		WEATHER CONDITION	5	
	NONE									
		LIGHT PLAN						•		

BRIEFS OF ACCIDENTS

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FILE	DATE			INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
	6/6/76 N TIME - 113 DEPARTURE ANCHORAG TYPE OF AC COLLISIO	R.TALKEETNA,AK O POINT E,AK CIDENT N WITH GROUND/WAT	CESSNA 170 N228F DAMAGE-DESTROYED INTENDED DESTINATION RETURN	CR- 1 0 0 PX- 0 0 0 LAST ENR KENAL PHASE OF	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP OUTE STOP	STUDENT, AGE 44, 38 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED. 4
·	PILOT IN FACTOR(S) WEATHER WEATHER FO WEATHER BR WEATHER FO MISSING AI	COMMAND - ATTEMP COMMAND - CONTIN - LOW CEILING - SNOW IEFING - BRIEFED RECAST - WEATHER RCRAFT - LATER RE CIRCUMSTANCES - P	TED OPERATION BEYOND ED UED VFR FLIGHT INTO AD BY FLIGHT SERVICE PERS SLIGHTLY WORSE THAN FO COVERED RECAUTIONARY LANDING OF DVERSE/UNFAVORABLE WEA	VERSE WEATHER CO DNNEL, IN PERSON Recast FF Airport	IND I T I ON S	
	VISIBILITY 5 OR OVE OBSTRUCTIO NONE TYPE OF FL VFR	/LOWER SCATTERED AT ACCIDENT SITE R (UNLIMITED) NS TO VISION AT A		500 PRECIPIT NONE Type of	AT ACCIDENT SITE ATION AT ACCIDENT SITE WEATHER CONDITIONS N/NOT REPORTED	
9-0467	TIME - 172 DEPARTURE PHOENIX. TYPE OF AC	POINT AZ	CESSNA 182J N2923F DAMAGE-DESTROYED INTENDED DESTINATION SAN DIEGD+CA S			PRIVATE, AGE 38, 929 TDTAL HOURS, 800 IN TYPE, INSTRUMENT RATED.
	MISCELLA FACTORIS) TERRAIN MISSING AI FIRE AFTER	COMMAND - FAILED NEOUS ACTS,CONDIT - High obstructio RCRAFT - Later Re Impact		FLYING	ONS	

BRIEFS OF ACCIDENTS AIRCRAFT DATA PILOT DATA FILE DATE LOCATION INJURIES FLIGHT F S M/N PURPOSE CR- 1 O O NONCOMMERCIAL 3-1830 7/2/76 TUCSON, AZ BEECH N35 COMMERCIAL, AGE 43, 2413 TIME - 0521 N33BL PX- 0 0 0 PLEASURE/PERSONAL TRANSP TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT DAMAGE-SUBSTANTIAL RATED. NAME OF AIRPORT - RYAN FIELD DEPARTURE POINT INTENDED DESTINATION SAN DIEGO,CA. MESA, AZ TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER UNCONTROLLED IN FLIGHT NORMAL CRUISE PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED MISSING AIRCRAFT - LATER RECOVERED REMARKS- ACFT ON AUTO-PILOT. 3-3246 10/5/76 NR.BUCKEYE,AZ CESSNA A188A CR- 1 0 0 COMMERCIAL COMMERCIAL, AGE 31, 7000 PX- 1 0 0 ASSOC CROP CTL ACTIVITY TIME - 1430 N9997G TOTAL HOURS, 300 IN TYPE, DAMAGE-DESTROYED NOT INSTRUMENT RATED. . DEPARTURE POINT INTENDED DESTINATION WINTERSBURG.AZ EL MIRAGE,AZ. PHASE OF OPERATION TYPE OF ACCIDENT STALL SPIN IN FLIGHT RETURN TO STRIP PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS PILOT IN COMMAND - PHYSICAL IMPAIRMENT MISCELLANEOUS ACTS, CONDITIONS - ALCOHOLIC IMPAIRMENT OF EFFICIENCY AND JUDGMENT FACTOR(S) PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC. MISSING AIRCRAFT - LATER RECOVERED SPECIAL DATA TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED KIND OF OPERATION - DEFOLIATION (LIQUID) KIND OF CROP - COTTON TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC PILOT'S SEAT BELT - NOT FASTENED GLOVES - NOT USED GOGGLES - NOT USED CRASH HELMET - AVAILABLE-NOT USED COCKPIT CRASHPAD - INSTALLED CRASH BAR - INSTALLED TANK/HOPPER-LOCATION - FORWARD OF PILOT REMARKS- BLOOD ALCOHOL 0.357%. SINGLE SEAT EQUIPPED.

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BRIEFS OF ACCIDENTS
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJUR		FLIGHT PURPOSE		PILOT DATA
	10/28/76 / TIME - 073 DEPARTURE LAKE HAN TYPE DF AN	76 NR.FLAGSTAFF,AZ CESSNA 172 CR- 2 0 0 NONCOMMERCIAL 0730 N5591R PX- 0 0 0 PLEASURE/PERSONAL TRANSI 0AMAGE-DESTROYED URE POINT INTENDED DESTINATION HAVASU,AZ WINSLOW,AZ PHASE OF OPERATION IF ACCIDENT IN FLIGHT NORMAL CRUISE						PRIVATE, AGE 56, 800
	FACTOR(S) PERSONNI WEATHER WEATHER BI WEATHER FO	N COMMAND - CONTI EL - WEATHER PERS - LOW CEILING NIEFING - BRIEFED	NUED VFR FLIGHT INTO A Onnel incorrect weath by flight service per Considerably worse th Ecovered	ER FORECAS Sonnel, by	T PHONI			
	ZERO Obstructio None Wind Direo 50 Type Of Wo Vfr		ACCIDENT SITE	P T	UNKNO RECIP NONE EMPER 31 IND V 9	G AT ACCIDENT SITE WW/NOT REPORTED ITATION AT ACCIDENT S ATURE-F ELOCITY-KNOTS F FLIGHT PLAN	51 TE	
				PAGE 2	A			

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ARIEFS OF ACCIDENTS	
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FILE		AIRCRAFT DATA	F			FLIGHT PURPOSE	PILOT DATA			
	3/15/76 NR.HOPE.AR TIME - 0440	PIPER PA-23 N4855P DAMAGE-DESTROYED		-			COMMERCIAL, AGE 35, 155 Total Hours, 6 in type, Instrument rated.			
	-	INTENDED DESTINATION								
	HOPE.AR Type of Accident	TEXARKANA, AR				OPERATION				
	COLLISION WITH GROUND					GHT UNCONTROLLED DE				
						Internetice of	562.01			
	PROBABLE CAUSE(S)	•								
		ITIATED FLIGHT IN ADVERSE	REATHER	COND	TIC	INS				
	PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS Pilot in command - improper in-flight decisions or planning									
	PILUI IN CUMMAND - IMPRUPER IN-FLIGHT DECISIONS UR PLANNING PILOT IN COMMAND - SPATIAL DISORIENTATION									
	FACTORIS)									
	PILOT IN COMMAND - IN WEATHER - LOW CEILING WEATHER - FOG	ADEQUATE PREFLIGHT PREPARA	TION AND	/OR 6	LAN	INING				
			•							
		ECORD OF BRIEFING RECEIVED								
	WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT MISSING AIRCRAFT - LATER RECOVERED									
	ITTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	R REGOVERED								
	SKY CONDITION			CETU	ING	AT ACCIDENT SITE				
	OBSCURATION			300	5	· · · · · · · · · · · · · · · · · · ·				
	VISIBILITY AT ACCIDENT	SITE		PREC	[P]]	TATION AT ACCIDENT ST	TE			
	2 HILES OR LESS			DR	221	E				
	OBSTRUCTIONS TO VISION	AT ACCIDENT SITE		TEMPI	RAI	IURE-F				
	FOG			52						
	TYPE OF WEATHER CONDITI IFR	ONS		TYPE NOP		FLIGHT PLAN				
	REMARKS- PLT TOTL FLT T									

FILE	DATE	LOCATION	AIRCRAFT DATA	FSM		PILOT DATA				
TIME - 1450 DEPARTURE POINT ATLANTA+GA TYPE OF ACCIDENT AIRFRAME FAILUR PROBABLE CAUSE(S) PILOT IN COMMAN MISCELLANEOUS A FACTOR(S)		SHDOWN . AR	CESSNA 421B N29RX DAMAGE-DESTROYED	CR- 2 0	O NONCOMMERCIAL O CORP/EXEC	ATP.FLIGHT INSTR., AGE 41, 10079 TOTAL HOURS, 533 IN TYPE, INSTRUMENT RATED.				
			INTENDED DESTINATION			4				
			ABILENE, TX							
		нт		E OF OPERATION FLIGHT OTHER						
	PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE FACTORIS) WEATHER - THUNDERSTORM ACTIVITY									
	FACTOR(S)			RE						
	FACTOR(S) WEATHER - T WEATHER - T	HUNDERSTORM AC		OR THUNDERSTO	RMS					
	FACTOR(S) WEATHER - 1 WEATHER - 1 MISCELLANED WEATHER BRIEF WEATHER FORED	HUNDERSTORM AC FURBULENCE, ASS DUS ACTS,CONDIT FING - BRIEFED	TIVITY OCIATED W/CLOUDS AND/ IONS - SEPARATION IN BY FLIGHT SERVICE PER SUBSTANTIALLY CORREC	OR THUNDERSTO Flight Sonnel, by Ph						
	FACTOR(S) WEATHER - 1 WEATHER - 1 MISCELLANED WEATHER BRIEF WEATHER FORED	THUNDERSTORM AC TURBULENCE, ASS DUS ACTS,CONDIT FING - BRIEFED CAST - FORECAST RAFT - LATER RE	TIVITY OCIATED W/CLOUDS AND/ IONS - SEPARATION IN BY FLIGHT SERVICE PER SUBSTANTIALLY CORREC	OR THUNDERSTO FLIGHT Sonnel, by PH T	ONE					
	FACTORIS) WEATHER - I WEATHER - I MISCELLANED WEATHER BRIEF WEATHER FORED MISSING AIRCE SKY CONDITION OBSCURATION VISIBILITY AI	THUNDERSTORM AC FURBULENCE, ASS DUS ACTS,CONDIT FING - BRIEFED CAST - FORECAST RAFT - LATER RE N ACCIDENT SITE	TIVITY OCIATED W/CLOUDS AND/ IONS - SEPARATION IN BY FLIGHT SERVICE PER SUBSTANTIALLY CORREC COVERED	OR THUNDERSTO FLIGHT SONNEL, BY PH T CEIL 40 PREC	ONE ING AT ACCIDENT SITE O IPITATION AT ACCIDENT	SITE				
	FACTORIS) MEATHER - 1 WEATHER - 1 MISCELLANCE WEATHER BRIEF WEATHER FOREC MISSING AIRCF SKY CONDITION OBSCURATION VISIBILITY AT 1/2 MILE OR OBSTRUCTIONS	THUNDERSTORM AC FURBULENCE, ASS DUS ACTS,CONDIT FING - BRIEFED CAST - FORECAST RAFT - LATER RE N ACCIDENT SITE	TIVITY OCIATED W/CLOUDS AND/ IONS - SEPARATION IN BY FLIGHT SERVICE PER SUBSTANTIALLY CORREC COVERED	OR THUNDERSTO FLIGHT SONNEL, BY PH T CEIL 40 PREC TH TEMP	DNE ING AT ACCIDENT SITE O IPITATION AT ACCIDENT UNDERSTORM ERATURE-F	SITE				
	FACTORIS) WEATHER - I WEATHER - I MISCELLANEC WEATHER BRIEF WEATHER FOREC MISSING AIRCF SKY CONDITION OBSCURATION VISIBILITY AI 1/2 MILE OR OBSTRUCTIONS NONE WIND DIRECTIO	THUNDERSTORM AC TURBULENCE, ASS DUS ACTS,CONDIT FING - BRIEFED CAST - FORECAST RAFT - LATER RE N I ACCIDENT SITE R LESS TO VISION AT A	TIVITY OCIATED W/CLOUDS AND/ IONS - SEPARATION IN BY FLIGHT SERVICE PER SUBSTANTIALLY CORREC COVERED	OR THUNDERSTO FLIGHT SONNEL, BY PH T CEIL 40 PREC TH TEMP 71 WIND	DNE ING AT ACCIDENT SITE O IPITATION AT ACCIDENT UNDERSTORM ERATURE-F	SITE				
	FACTORIS) WEATHER - 1 WEATHER - 1 MISCELLANEC WEATHER BRIEF WEATHER FOREC MISSING AIRCF SKY CONDITION OBSCURATION VISIBILITY AT 1/2 MILE OR OBSTRUCTIONS NONE WIND DIRECTIC 290	THUNDERSTORM AC TURBULENCE, ASS DUS ACTS,CONDIT FING - BRIEFED CAST - FORECAST RAFT - LATER RE N I ACCIDENT SITE R LESS TO VISION AT A	TIVITY OCIATED W/CLOUDS AND/ IONS - SEPARATION IN BY FLIGHT SERVICE PER SUBSTANTIALLY CORREC COVERED	OR THUNDERSTO FLIGHT SONNEL, BY PH T CEIL 40 PREC TH TEMP 71 WIND 6	ONE ING AT ACCIDENT SITE O IPITATION AT ACCIDENT UNDERSTORM ERATURE-F VELOCITY-KNOTS OF FLIGHT PLAN	SITE				

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FILE DATE LOCATION AIRCRAFT DATA INJURIES FLIGHT PILOT DATA F S M/N PURPOSE BELLANCA 14-192 3-2435 2/6/76 NR.S.GORGONID PK.CA CR- 1 0 0 NONCOMMERCIAL PRIVATE, AGE 50, 900 TIME - 1022 N98168 PX- 3 O O PLEASURE/PERSONAL TRANSP TOTAL HOURS, 27 IN TYPE, DAMAGE-DESTROYED NOT INSTRUMENT RATED. DEPARTURE POINT INTENDED DESTINATION SANTA BARBARA.CA MEXICALI, MEX TYPE OF ACCIDENT PHASE OF OPERATION IN FLIGHT NORMAL CRUISE COLLISION WITH GROUND/WATER CONTROLLED PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS FACTOR(S) WEATHER - LOW CEILING WEATHER - SNOW TERRAIN - HIGH OBSTRUCTIONS WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, IN PERSON WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT **MISSING AIRCRAFT - LATER RECOVERED** CEILING AT ACCIDENT SITE SKY CONDITION UNKNOWN/NOT REPORTED OBSCURATION VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE RAIN ZERO OBSTRUCTIONS TO VISION AT ACCIDENT SITE TYPE OF WEATHER CONDITIONS UNKNOWN/NOT REPORTED IFR TYPE OF FLIGHT PLAN VFR **REMARKS- RECOVERY DATE 7/28/76**

BRIEFS OF ACCIDENTS

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BRIEFS OF ACCIDENTS
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FILE	DATE LOCAT		AIRCRAFT DATA	IN	JUR]E F S	S M/N	FLIGHT PURPOSE		PILOT DATA
	2/7/76 NR.BIG BEAR TIME - 1230	R CITY.CA	CESSNA 182P N6716M Damage-Substantia	CR PX	0 0	1	NONCOMMERCIAL		COMMERCIAL, AGE 51, 852 Total Hours, 26 in type Instrument Raied,
	DEPARTURE POINT GLENDALE.AZ	1	LANCASTER+CA						
	TYPE OF ACCIDENT				рна	SE O	F OPERATION		4
	COLLISION WITH GRO	DUND/WATER	CONTROLLED		L	AND	NG LEVEL OFF/TOU	HDOWN	
	PROBABLE CAUSE(S)								
			IN-FLIGHT DECISION	S OR PL	ANN IN	G			
	MISCELLANEOUS ACTS FACTOR(S)	S,CONDITIO	INS - AIRFRAME ICE						
		OND ITIONS-	INCLUDES SLEET, FREE	ZING RA	1N,ET	с.			
	WEATHER - SNOW								
	TERRAIN - HIGH OBS WEATHER BRIEFING - B				a v 0				
	WEATHER FORECAST - U			SUMMEL .	01 *				
	MISSING AIRCRAFT - L								
	EMERGENCY CIRCUMSTAN	NCES - FOR	CED LANDING OFF AIR	PORT ON	LAND				
	SKY CONDITION				CEI	LING	AT ACCIDENT SITE	•	
	BROKEN				-	0000			
	VISIBILITY AT ACCIDE ZERO	ENT SITE					TATION AT ACCIDEN	I SITE	
	OBSTRUCTIONS TO VISI		IDENT SLIFE				I, SNOW SHOWERS		
	ICE FOG					0			
	WIND DIRECTION-DEGRE	EES					LOCITY-KNOTS		
					2	-	FLIGHT PLAN		
	157 TYPE OF WEATHER COND								
	157 Type of Weather Cond Ifr	DITIONS				FR.			
	TYPE OF WEATHER COND		RASH LND IN CLEARIN	G. RECO	I	FR .			
	TYPE OF WEATHER COND		RASH LND IN CLEARIN	G. RECO	I	FR .			

				S OF A						
FILE	-		AIRCRAFT DATA	IN	JUR	IES		FLIGHT PURPOSE		PILOT DATA
		R.GOLETA.CA		CR-						
			INTENDED DESTINATION							
	BURBANK.		UNKNOWN/NOT REPORTED		_					
	TYPE OF AC							F OPERATION	~	
	COLL1210	N WITH GROUND/WA	TER CONTROLLED			14	FL	IGHT NURMAL CRUIS	E	
	FACTORIS) PILOT IN WEATHER TERRAIN WEATHER BR WEATHER FO MISSING AI	COMMAND - INADE - LOW CEILING - HIGH OBSTAUCTI IEFING - PARTIAL RECAST - FORECAS RCRAFT - LATER R	BRIEFING BY FLIGHT SER SUBSTANTIALLY CORRECT	TION A	ND/	ONN	ēL,	BY PHONE/RADIO, L	IMITED F	BY PILOT ACTION
	SKY CONDIT				C			AT ACCIDENT SITE		
	OBSCURAT					60			C 1 76	
		AT ACCIDENT SIT			P			TATION AT ACCIDENT	21.15	
	ZERO OBSTRUCTIO NONE	NS TO VISION AT	ACCIDENT SITE		T	NO YPE IF	OF	WEATHER CONDITION	S	
	TYPE OF FL	IGHT PLAN				•••	-			
	REMARKS- F	LEW INTO OBSCURE) MTN SLOPE. RECOVERY D	ATE 2/	17/	76.	PL	T DIDNT REQUEST EN	ROUTE OF	R DEST WEA.

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				FS NF ACC				
FILE	DATE	LOCATION	AIRCRAFT DATA	INJU F	RIE! S N	S 4/N	FL IGHT	PILOT DATA
		R.ETIWANDA,CA	PIPER PA-32 N32682 DAMAGE-DESTROYED	CR- 1	0	0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 23, 200
	DEPARTURE LAS VEGA Type of Ac Collisio	S+NV	NTENDED DESTINATION FULLERTON,CA CONTROLLED				F OPERATION IGHT NORMAL CRUISE	1
	FACTOR(S) WEATHER WEATHER TERRAIN WEATHER BR	COMMAND - CONTINUE - SNOW - ICING CONDITIONS - HIGH OBSTRUCTIONS IEFING - BRIEFED B	/ FLIGHT SERVICE PER	ZING RAIN Sonnel, B	I, E TI	C.		
		RECAST - FORECAST S RCRAFT - LATER RECI	SUBSTANTIALLY CORREC IVERED	Ţ.				
	SKY CONDIT OBSCURAT VISIBILITY ZERO	-			0 PRE		AT ACCIDENT SITE TATION AT ACCIDENT SITE	
	BLOWING TYPE OF FL NONE					E OF °R	WEATHER CONDITIONS	
3-0749	3/7/76 N TIME 174	R • BANN ING • C A 5	BEECH P35 N95934 Damage-destrnyed				NONCOMMERCIAL Pleasure/personal transp	PRIVATE, AGE 41, 1587 Total Hours, 299 in Type, Not instrument rated.
	DEPARTURE SANTA AN Type of AC Collisio	A,CA	INTENDED DESTINATION APPLE VALLEY+CA R CONTROLLED				F OPERATION IGHT NORMAL CRUISE	
	PILOT IN FACTOR(S) TERRAIN MISSING AI		S DVERED	S OR PLAN	IN INI	G .		
				PAGE	34			

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	DATE	LOCATION	ALRCRAFT DATA	11	JUR F	IES S M	/ N	PURPOSE		PILOT DATA		
		NR.SO.LAKE TAHOE.C	A CESSNA 182P N1932M DAMAGE-DESTROYED	CR-	1	0	0	NONCOMMERCIAL	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 59, 500		
		LE POINT TAHOE.CA	INTENDED DESTINATION									
			PALO ALTO,CA		ρ	HAS	FΩ	E OPERATION				
		TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER UNCONTROLLED IN FLIGHT UNCONTROLLED DESCENT										
	FACTORIS TERRAI MISSING	IN COMMAND - SPATIA 5) IN - OTHER AIRCRAFT - LATER RE										
	REMARKS-	- RECOVERY DATE 4/6/	76. NO HORIZON REF DUE	LACK	0F	LTG	•	• • • • • •				
3-1704		FEATHER FALLS.CA	•	CR-	1	0	0			PRIVATE, AGE 45, 1257 TOTAL HOURS, 1207 IN TYPE, NOT INSTRUMENT RATED.		
3-1704	4/4/76 TIME - 2 DEPARTUR	FEATHER FALLS.CA 2000 Re Point	CESSNA 182L N42575 DAMAGE+DESTROYED INTENDED DESTINATION	CR-	1	0	0			TOTAL HOURS, 1207 IN TYPE, NOT INSTRUMENT		
3-1704	4/4/76 Time - 2 Departur Twin F	FEATHER FALLS.CA 2000 Re point Falls 10.	CESSNA 182L N42575 Damage=destroyed	CR-	1 0	0 0	0 0	PLEASURE/PERSONAL		TOTAL HOURS, 1207 IN TYPE, NOT INSTRUMENT		
3-1704	4/4/76 TINE - 2 DEPARTUR TWIN F TYPE OF	FEATHER FALLS.CA 2000 Re Point	CESSNA 102L N42575 DAMAGE-DESTROYED INTENDED DESTINATION CHICO,CA.	CR-	1 0 P	0 0 Has	0 0 E 0		TRANSP	TOTAL HOURS, 1207 IN TYPE, NOT INSTRUMENT RATED.		

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FILE		LOCATION	AIRCRAFT DATA	INJL	JR JE S				PILOT DATA
			, 	F	S M	/N	PURPOSE		
	4/8/76 N TIME - 094 DEPARTURE LAS VEGA TYPE OF AC	R.TRIMMER,CA 5 PÚINT I S,NV	BELLANCA 14-132 N86927 DAMAGE-DESTROYED NTENDED DESTINATIOŇ SAN JOSE₊CA	CR- 1 PX- 0	0 0 0 0 PHAS	0 0 E 0	NONCOMMERCIAL	TRANSP	PRIVATE, AGE 35, 313 TUTAL HOURS, 38 IN TYPE, NOT INSTRUMENT RATED.
	PILOT IN PILOT IN FACTORIS) WEATHER WEATHER WEATHER WEATHER TERRAIN WEATHER BR	COMMAND - IMPROPER COMMAND - CONTINUE COMMAND - SPATIAL - LOW CEILING - RAIN - FOG - ICING CONDITIONS- - TURBULENCE, ASSOC - HIGH OBSTRUCTIONS IEFING - BRIEFED BY	INCLUDES SLEET,FREEZI IATED W/CLOUDS AND/OR	VERSE WE ING RAIN THUNDE	A THE	R C RMS			
	MISSING AI SKY CONDIT OBSCURAT VISIBILITY ZERO OBSTRUCTIO FOG WIND DIREC 260 TYPE OF WE IFR	RCRAFT - LATER RECO Ion	VERED IDENT SITE		O PREC RA TEMP 34 WIND 4	IPI IN ERA VE OF	AT ACCIDENT SITE TATION AT ACCIDENT TURE-F LOCITY-KNOTS FLIGHT PLAN	S I TE	
-0908	4/10/76 TIME - 153		CESSNA 172A N7705T DAMAGE-DESTROYED				NONCOMMERCIAL PLEASURE/PERSONAL	TRANSP	COMMERCIAL, AGE 71, 104 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE CONCORD, Type of AC Collisio	CA	NTENDED DESTINATION VISALIA.CA UNCONTROLLED				F OPERATION IGHT OTHER		
	MISSING AI	AUSEIS) NEOUS - UNDETERMINE RCRAFT - LATER RECC ECOVERY DATE 4/11/7	VERED `						
				PAGE	36				

FILE			AIRCRAFT	•	F	S	4/N	PURPOSE		PILOT DATA		
3-3067	6/22/76 NR. TIME - 1114	BI SHOP, CA			CR-	0 1	0	COMMERCIAL OTHER				
			INTENDED DEST	INATION								
	BISHOP.CA Type of Acci		LUCAL			DUA		F OPERATION				
			CTION					IGHI NORMA				
			TER CONTROLLED			-		NG ROLL-ON				
	PROBABLE CAU	SE(S)		-								
	WEATHER -	HIGH DENSITY A	US POWERPLANT (LTITUDE PER IN-FLIGHT DI					D REASUNS				
	FACTOR(S) TERRAIN - ROUGH/UNEVEN											
			LETE ENGINE FAI		E00T-1	ENG	INE					
		FING - NN RECN RAFT - LATER R	RD OF BRIFFING F FCOVERED	RECE I VED								
	SKY CONDITIO	N						AT ACCIDEN	T SITE			
	CLEAR		<i>c</i>					TATION AT A	CC105NT C11			
	5 OR DVER	T ACCIDENT SIT	E				TNE	IAILUN AI A	CUTIENT ST	IF		
		TO VISION AT	ACCIDENT SITE					TURE-F				
	NONE		-001//2001 511/2			7						
	WIND DIRECTI	ON-DEGREES				WIN	D VE	LOCITY-KNOT	S			
	10			•		1	-					
	TYPE OF WEAT	HER CONDITIONS						FLIGHT PLA	N			
	VFR FIRE AFTER I					N	JNE					

BRIEFS OF ACCIDENTS

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FILE	DATE	LOCATION	AIRCRAFT DATA			1ES S M/1		FLIGHT PURPOSE		PILOT DATA
3-4177	7/13/76 NR TIME - UNK/ DEPARTURE P SANTA BARB TYPE OF ACC UNDETERMI	DINT ARA,CA IDENT	CESSNA 320 N5205X DAMAGE-DESTROYED INTENDED DESTINATION UNKNOWN/NOT REPORTED		3 - Pl	OHASE	0 F	ONCOMMERCIAL PLEASURE/PERSONAL OPERATION N/NOT REPORTED	TRANSP	COMMERCIAL, AGE 51, 850 TOTAL HOURS, 45 IN TYPE, NOT INSTRUMENT RATED.
	FACTOR(S) WEATHER - WEATHER - MISCELLAN WEATHER BRI WEATHER FOR	EOUS - UNDETERMIN LOW CEILING FOG EOUS ACTS+CONDITIO	DNS – AIRCRAFT CAME TO OF BRIEFING RECEIVED DT REPORTED	REST	ī IN	WAT	ER			
	4 MILES O OBSTRUCTION FOG WIND VELOCI 4 TYPE OF FLI NONE	AT ACCIDENT SITE DR LESS IS TO VISION AT ACC TY-KNOTS GHT PLAN	IDENT SITE In 600Ft of water 7/2		Pf W T	200 REC II NON IND I 230 YPE 0 UNK	O PITA E DIRE DIRE NOW	AT ACCIDENT SITE ATION AT ACCIDENT ECTION-DEGREES NEATHER CONDITIONS N/NOT REPORTED	5	

BRIEFS OF ACCIDENTS

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FILE		•	AIRCRAFT DATA	F	F S	M/N	PURPOSE		PILOT DATA	
3-2718	7/30/76 N TIME - 100	R•INDEPENDENCE•CA 3	CESSNA 182P N4652K DAMAGE-DESTROYED INTENDED DESTINATION	CR-	1	0 0	NONCOMMERCI	AL		
		IN.CA								
	TYPE OF AC									
	TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER CONTROLLED IN FLIGHT NORMAL CRUISE									
	FACTOR(S)		R IN-FLIGHT DECISIONS				CONDITIONS			
	FACTOR(S) TERRAIN WEATHER WEATHER WEATHER BR WEATHER FO MISSING AI	- HIGH OBSTRUCTION - HIGH DENSITY ALT - LOW CEILING HEFING - BRIEFED B RECAST - FORECAST S RCRAFT - LATER REC	R IN-FLIGHT DECISIONS S ITUDE Y FLIGHT SERVICE PERSI SUBSTANTIALLY CORRECT	OR PLA	ANN I	NG PHONE				
	FACTOR(S) TERRAIN WEATHER WEATHER WEATHER BR WEATHER FO MISSING AI SKY CONDIT	- HIGH OBSTRUCTION - HIGH DENSITY ALT - LOW CEILING HEFING - BRIEFED B RECAST - FORECAST S RCRAFT - LATER RECO ION	R IN-FLIGHT DECISIONS S ITUDE Y FLIGHT SERVICE PERSI SUBSTANTIALLY CORRECT	OR PLA	ANN I BY CE	NG PHONE ILING	E 6 at accident			
	FACTOR(S) TERRAIN WEATHER WEATHER BR WEATHER BR WEATHER FO MISSING AI SKY CONDIT BROKEN/L VISIBILITY	- HIGH OBSTRUCTION - HIGH DENSITY ALT - LOW CEILING HEFING - BRIEFED B RECAST - FORECAST S RCRAFT - LATER REC	R IN-FLIGHT DECISIONS S ITUDE Y FLIGHT SERVICE PERSI SUBSTANTIALLY CORRECT	OR PLA	BY CE PR	NG PHONE ILINO UNKNO ECIPI		CIDENT SITE		
	FACTOR(S) TERRAIN WEATHER WEATHER BR WEATHER BR WEATHER FO MISSING AI SKY CONDIT BROKEN/L VISIBILITY UNKNOWN/ OBSTRUCTIO	- HIGH OBSTRUCTION - HIGH DENSITY ALT - LOW CEILING IEFING - RRIFFED B RECAST - FORECAST RCRAFT - LATER REC ION OWER SCATTERED ' AT ACCIDENT SITE	R IN-FLIGHT DECISIONS S ITUDE Y FLIGHT SERVICE PERS SUBSTANTIALLY CORRECT OVERED	OR PLA	BY CE PR TE	NG PHONE UNKNE ECTPT	G AT ACCIDENT WW/NOT REPOR TATION AT AC	CIDENT SITE		

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FILE	DATE	LOCATION	AIRCRAFT DATA	INJNRIES F S M/N	-	PILOT DATA
3-2947	TIME - 1458 NAME OF AIR DEPARTURE F MARYSVILL TYPE OF ACC	RPORT - SHELTER CO POINT .E.CA.	CESSNA 172B NB058X DAMAGE-DESTROYFD VF INTENDED DESTINATION RETURN	PX- 0 3 0 LAST EN SHELTE PHASE (1	NONCOMMERCIAL PLEASURE/PERSONAL TRAN IROUTE STOP R COVE,CA IF OPERATION IGHT CLIMB TO CRUISE	PRIVATE, AGE 22, 95 TOTAL SP HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
	FACTOR(S) PILOT IN PILOT IN TERRAIN - WEATHER - WEATHER BRI WEATHER FOR	COMMAND - INITIAT COMMAND - INADEQU COMMAND - EXERCISI - HIGH OBSTRUCTION - LOW CEILING LOW CEILING LEFING - BRIEFED B	S Y FLIGHT SERVICE PER SUBSTANTIALLY CORREC	ATION AND/OR PLA	INN ING	
	ZERD OBSTRUCTION FOG WIND DIRECT 180	AT ACCIDENT SITE NS TO VISION AT AC FION-DEGREES ATHER CONDITIONS	CIDENT SITE	0 PRECIPI DRIZZ TEMPERA 54 WIND VE 4	-	

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			ARIEF	S NF A	C C I	DEN	TS			
FILE			AIRCRAFT DATA		F	S M	/N	PURPOSE		PILOT DATA
3-3593	9/15/76 M TIME - 213 Departure Bellinge Type of ac	NR.TRINITY CENTER.CA B7 Point I Ham.wa Ccident	A PIPER PA-24 N7614P DAMAGE-DESTROYED NTENDED DESTINATION MODESTO.CA UNCONTROLLED	CR- PX-	і З Р	D O HAS	0 0 E (1	NONCOMMERCIAL PLEASURE/PERSONAL F OPERATION	TRANSP	PRIVATE, AGE 42, 306 TOTAL HOURS, 25 IN TYPE, NOT INSTRUMENT RATED.
	PILOT 11 PILOT IN FACTOR(S) WEATHER WEATHER BR WEATHER FO	N COMMAND - ATTEMPTE N COMMAND - INITIATE N COMMAND - SPATIAL - LOW CEILING RIEFING - BRIEFED BY	FLIGHT SERVICE PERS	WEATHE	RC	OND	ITI	ONS		
	UNKNOWN OBSTRUCTIC UNKNOWN Type of We Ifr	• •			P	UN PREC RA IEMP 57	KNO 1 P I 1 N E R A	AT ACCIDENT SITE WN/NOT REPORTED TATION AT ACCIDENT TURE-F FLIGHT PLAN	S I TE	

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	F S M/N PURPOSE						
3083 9/20/76 SANTA BARBARA,CA CESSNA 182 T1ME - 1130 N91620 Damage-Destroy Departure point Intended destinat	CR- 1 0 0 NONCOMMERCIAL PX- 0 0 0 PLEASURE/PERSONAL TRANSP D ION	PRIVATE, AGE 57, 343 Total Hours, 40 in Type, Not instrument rated.					
SANTA YNEZ,CA SANTA BARBARA,C Type of accident Collision with ground/water controlled	A PHASE OF OPERATION IN FLIGHT NORMAL CRUISE						
PROBABLE CAUSE(S) PILOT IN COMMAND - INITIATED FLIGHT IN ADVE FACTORIS) TERRAIN - HIGH OBSTRUCTIONS WEATHER - LOW CEILING WEATHER - FOG PILOT IN COMMAND - INADEOUATE PREFLIGHT PRE WEATHER BRIEFING - NO RECORD OF BRIEFING RECE WEATHER FORECAST - FORECAST SUBSTANTIALLY COR MISSING AIRCRAFT - LATER RECOVERED	RATION AND/OR PLANNING ED						
SKY CONDITION OBSCURATION VISIBILITY AT ACCIDENT SITE ZERO OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG WIND DIRECTION-DEGREES 250 TYPE OF WEATHER CONDITIONS IFR REMARKS- RECOVERED ON MTN SLOPE 9/21/76.	CEILING AT ACCIDENT SITE 3000 PRECIPITATION AT ACCIDENT SITE NONE TEMPERATURE-F 69 WIND VELOCITY-KNOTS 6 TYPE OF FLIGHT PLAN NONE						

				S OF AC					
FILE	DATE	LOCATION	AIRCRAFT DATA	F		S M/N	PURPOSE		PILOT DATA
	11/20/76 TIME - 21 DEPARTURE BORREGO Type of A	SAN MARCOS,CA 20 POINT SPRINGS,CA CCIDENT		CR- PX-	1 1 Р	0 0 0 0	NONCOMMERCIAL	TRANSP	PRIVATE, AGE 44, 190 TOTAL HOURS, 34 IN TYPF, NOT INSTRUMENT RATED.
	PILOT I FACTOR(S) PILOT I WEATHER WEATHER TERRAIN WEATHER B WEATHER F	N COMMAND - INADEQU - LOW CEILING - FOG - HIGH OBSTRUCTION RIEFING - BRIEFED F	SUBSTANTIALLY CORRECT	TION AN	iD7	OR PL	ANN'IN G		
	ZERO OBSTRUCTI FOG Type of F None				P	O RECIP NONE	G AT ACCIDENT SITE ITATION AT ACCIDENT F WEATHER CONDITION		
3-4169	12/9/76 TIME - UN	YOSEMITE,CA IK/NR	HOWARD 500 Naoad Damage-destroyfd	CR- PX-	2 0	0 0	MISCELLANEOUS OTHER		COMMERCIAL, FL.INSTR., AGE 29, 5000 TOTAL HOURS UNK/NR IN TYPE, INSTRU- MENT RATED.
	BAJA,ME Type of A	XICO	INTENDED DESTINATION REND.NV		P		OF OPERATION LIGHT OTHER		
	FACTOR(S) AIRFRAM MISCELL MISCELL MISSING A	ANEOUS - UNDETERMIN IE - WINGS WING ATT ANEOUS ACTS+CONDITI ANEOUS ACTS+CONDITI IRCRAFT - LATER REC	TACHMENT FITTINGS,ROLT IONS - OVERLOAD FAILURI IONS - SEPARATION IN F	E LIGHT	ICS				

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FILE	DATE		AIRCRAFT DATA		F S M/N	PURPOSE		PILOT DATA
-3978	TIME - 154 DEPARTURE IRVINE.C TYPE OF AC	NR.BARSTOW.CA 58 POINT CA	REECH 95-855 N46355 DAMAGE-DESTROYED INTENDED DESTINATION LAS VEGAS, NV	CR	- 3 0 0 PHASE 0	NONCOMMERCIAL	NAL TRANSP	PRIVATE, AGE 40, 708 TOTAL HOURS, 89 IN TYPE, INSTRUMENT RATED.
	PILOT IN FACTOR(S) WEATHER MISCELLA MISCELLA WEATHER BF WEATHER FF	N COMMAND - IMPROF N COMMAND - EXCEED - ICING CONDITION ANEOUS ACTS,CONDIT ANEOUS ACTS,CONDIT ANEOUS ACTS,CONDIT ANEOUS ACTS,CONDIT ANEOUS ACTS,CONDIT	PER IN-FLIGHT DECISIONS DED DESIGNED STRESS LIM NS-INCLUDES SLEET,FREEZ TIONS - AIRFRAME ICE TIONS - OVERLOAD FAILUR TIONS - SEPARATION IN F BY FLIGHT SERVICE PERS SURSTANTIALLY CORRECT COVERED	ITS ING E LIGH	NF AIRCRAFT RAIN,ETC.			
	UNKNOWN	Y AT ACCIDENT SITE VNOT REPORTED DNS TO VISION AT A CITY-KNOTS			3000 PRECIPI RAIN, WIND DI 315	G AT ACCIDENT SI ITATION AT ACCID , RAIN SHOWERS IRECTION-DEGREES F WEATHER CONDIT	ENT SITE	

BRIEFS OF ACCIDENTS

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				S OF ACC	TOF	NIS			
FILE	DATE	LOCATION	AIRCRAFT DATA	-	~		FLIGHT PURPOSE		PILOT DATA
		IR.ESTES PARK,CO 2 PUINT ELD.CO CIDENT	BEECH 819	CR- 1 PX- 1	0 0 РНА	0 0 SE 0	NONCOMMERCIAL		PRIVATE, AGE 38, 249 TOTAL HOURS, 9 IN TYPE, NDT INSTRUMENT RATED.
	PILOT IN WEATHER WEATHER BR WEATHER FO	I CUMMAND - DIVER I COMMAND - IMPRU - DOWNDRAFT.UPDR IEFING - NO RECO	IRD OF BRIEFING RECEIVED T SUBSTANTIALLY CORRECT	CONTROL	-	RCRA	FT		ب
	5 OR OVE OBSTRUCTIO NONE WIND DIREC 225 TYPE OF WE VFR	TON AT ACCIDENT SIT R(UNLIMITED) INS TO VISION AT TION-DEGREES ATHER CONDITIONS RECOVERY DATE 2/2	ACCIDENT SITE		U PRE N TEM 5 WIN 4 TYP	NLIM CIPI DNE PERA O D VE O	AT ACCIDENT SITE ITED TATION AT ACCIDENT TURE-F LOCITY-KNOTS FLIGHT PLAN	SITE	
				-					
-0770	3/27/76 TIME - 170 DEPARTURE STERLING	POINT	LUSCOMBE BA N1004K DAMAGE-DESTROYED INTENDED DESTINATION LOCAL				NONCOMMERCIAL Pleasure/personal	TRANSP	PRIVATE, AGE 27, 75 TOT/ HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
	TYPE OF AC COLLIDED	PHASE OF OPERATION IN FLIGHT BUZZING							
	PILOT IN MISCELLA FACTOR(S) TERRAIN MISSING AI	I COMMAND - FAILE D COMMAND - EXERC NEOUS ACTS,CONDI - HIGH ORSTRUCTI RCRAFT - LATER F		FLYING	BST	RUC T	1 ONS		

FILE		LOCATION	AIRCRAFT DATA		N -	PURPOSE		PILOT DATA	
	4/26/76 TIME - 10 DEPARTURG OKLAHOM TYPE OF 0	SIMLA.CO 645 E POINT MA CITY.OK	PIPER PA-28 N1573x DAMAGE-DESTROYED INTENDED DESTINATION PEYTON.CO ER CONTROLLED	CR- 1 0 PX- 2 0 PHASE	0 F	NONCOMMERCIAL		PRIVATE, AGE 34, 270 TOTAL HOURS, 8 IN TYPE, NOT INSTRUMENT RATED.	
	PILOT I FACTOR(S) WEATHER WEATHER WEATHER E WEATHER F	IN COMMAND - CONTIN IN COMMAND - IMPROP) 2 - LOW CEILING R - FOG BRIEFING - BRIEFED	ER IN-FLIGHT DECISIONS BY FLIGHT SERVICE PERSI SUBSTANTIALLY CORRECT	SONNEL, BY PHONE					
	1/4 MIL OBSTRUCT FOG TYPE OF V IFR		· · · ·	UNK PRECI NON TEMPE 40	NOWPITA PITA E RATU DF F	AT ACCIDENT SITE N/NOT REPORTED ATION AT ACCIDENT S URE-F FLIGHT PLAN	I TE		
				PAGE 46					

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	BRIEFS OF ACCIDENTS										
FILE				F	S M/	FLIGHT N PURPOSE	PILOT DATA				
	9/26/76 TIME - 1	NR.PONCHA PASS,CO 853	CESSNA 182A N3764D DAMAGE-DESTROYED	CR- 0	0	1 NONCOMMERCIAL	PRIVATE, AGE 30, 195 RANSP TOTAL HOURS, 60 IN TYPF NOT INSTRUMENT RATED.				
		LE POINT									
		ACCIDENT	DENVERTED	PHASE OF OPERATION							
	COLLISION WITH GROUND/WATER CONTROLLED IN FLIGHT CLIMB TO CRUISE										
	PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS MISCELLANEOUS ACTS, CONDITIONS - DISREGARD OF GOOD OPERATING PRACTICE FACTOR(S) WEATHER - ICING CONDITIONS-INCLUDES SLEET, FREEZING RAIN, ETC. WEATHER - SNOW TERRAIN - SNOW-COVERED WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY RADIO WEATHER FORECAST - UNKNOWN/NOT REPORTED MISSING AIRCRAFT - LATER RECOVERED										
	SKY COND	ITION N/NOT REPORTED		(NG AT ACCIDENT SITE					
		TY AT ACCIDENT SITE				NOWN/NOT REPORTED Pitation at accident si W	I TE				
		IONS TO VISION AT AC	CIDENT SITE	WIND DIRECTION-DEGREES 215							
	WIND VEL 10	OCITY-KNOTS			TYPE (IFR	OF WEATHER CONDITIONS					
	NONE	FLIGHT PLAN									
	REMARKS-	- RECOVERY DATE 10/01.	/76. SNOW DEPTH 15IN.	IMPACT :	SPEED	60MPH. SNOWING HARD. V	VIZ 150FT.				

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DATE		AIRCRAFT DATA	INJU F	RIES SM/	N	FLIGHT PURPOSE		PILOT DATA
12/19/76 TIME - UNK DEPARTURE RIDGECRE TYPE OF AC	ALDER,CO /NR POINT ST,CA CIDENT	GRUM AMER AA-1 N5679L Damage-destroyed Intended destinatio Columbus.om	CR- 1 PX- 2 N	0 0 LAST GUN PHASE	0 N 0 F ENRC NISC	IONCOMMERCIAL PLEASURE/PERSONAI DUTE STOP IN,CO OPERATION	. TRANSP	COMMERCIAL, AGE 31, 1200 TOTAL HOURS, 800 IN TYPE NOT INSTRUMENT RATED.
PILOT IN PILOT IN FACTOR(S) WEATHER WEATHER BR WEATHER FO		N I NG						
CLEAR VISIBILITY 5 OR OVE OBSTRUCTIO NONE TYPE OF FL	CEILING AT ACCIDENT SITE UNLIMITED PRECIPITATION AT ACCIDENT SITE NONE TYPE OF WEATHER CONDITIONS VFR							
	CFT SERVICE CEILI	NG 11250FT.WRECKAGE	RECOVERED	7/19/	1 77	N MTNS APRX 115	DOFT LEVE	L.
NAME OF AI DEPARTURE	8 RPORT – IGOR I SIN POINT	N2480 DAMAGE-DESTROYED ORSKY INTENDED DESTINATIO	РХ- О					COMMERCIAL, AGE 43, 6000 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
ENGINE F	1	PHASE OF OPERATION IN FLIGHT OTHER LANDING LEVEL OFF/TOUCHDOWN						
POWERPLA FACTOR(S)				REASONS				
MISSING AI EMERGENCY	RCRAFT - LATER RE CIRCUMSTANCES - FO	COVERED DRCED LANDING OFF AI	RPORT ON W	A TE R		DATE 4/18/76.		
	12/19/76 TIME - UNK DEPARTURE RIDGECRE TYPE OF AC COLLISIO PROBABLE C PILOT IN FACTOR(S) WEATHER WEATHER BR WEATHER FO MISSING AI SKY CONDIT CLEAR VISIBILITY 5 OR OVE ON TO NONE TYPE OF FL NONE TYPE OF AC ENGINE F DITCHING PROBABLE C POWERPLA FACTOR(S) MISCELLA MISCELLA	12/19/76 ALDER,CO TIME - UNK/NR DEPARTURE POINT RIDGECREST,CA TYPE OF ACCIDENT COLLISION WITH GROUND/WATE PROBABLE CAUSE(S) PILOT IN COMMAND - EXERCIS PILOT IN COMMAND - IMPROPE FACTOR(S) WEATHER - DOWNDRAFT,UPDRAF WEATHER BRIEFING - NO RECOR WEATHER FORECAST - UNKNOWN/A MISSING AIRCRAFT - LATER REC SKY CONDITION CLEAR VISIBILITY AT ACCIDENT SITE 5 OR OVER(UNLIMITED) OBSTRUCTIONS TO VISION AT AC NONE TYPE OF FLIGHT PLAN NONE REMARKS- ACFT SERVICE CEILIA 2/4/76 NR.BRIDGEPORT,CT TIME - 0908 NAME OF AIRPORT - IGOR I SIM DEPARTURE POINT FARMINGDALE,NY TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCT DITCHING PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS FACTOR(S) MISCELLANEOUS ACTS,CONDITI MISSING AIRCRAFT - LATER REC	12/19/76 ALDER,CO GRUM AMER AA-1 TIME - UNK/NR N5679L DEPARTURE POINT INTENDED DESTINATION RIDGECREST,CA COLUMBUS,OH TYPE OF ACCIDENT COLLISION WITH GROUND/WATER UNCONTROLLED PROBABLE CAUSE(S) PILOT IN COMMAND - EXERCISED POOR JUDGMENT PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISION FACTOR(S) WEATHER - DOWNDRAFT,UPDRAFTS WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIV WEATHER FORECAST - UNKNOWN/NOT REPORTED MISSING AIRCRAFT - LATER RECOVERED SKY CONDITION CLEAR VISIBILITY AT ACCIDENT SITE 5 OR OVER (UNLIMITED) OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE TYPE OF FLIGHT PLAN NONE REMARKS- ACFT SERVICE CEILING 11250FT.WRECKAGE 2/4/76 NR.BRIDGEPORT,CT CESSNA 150 DAMAGE-DESTROYED NAME OF AIRPORT - IGOR I SIKORSKY DEPARTURE POINT TIME OF AACCIDENT FARMINGDALE,NY LOCAL TYPE OF ACCIDENT REMARKS- ACFT SERVICE CEILING 11250FT.WRECKAGE NAME OF AIRPORT - IGOR I SIKORSKY DEPARTURE POINT TIME	12/19/76 ALDER,CO GRUM AMER AA-1 CR- 1 TIME - UNK/NR N5679L PX- 2 DAMAGE-DESTROYED DEPARTURE POINT INTENDED DESTINATION RIDGECREST,CA COLUMBUS.OH TYPE OF ACCIDENT COLLISION WITH GROUND/WATER UNCONTROLLED PROBABLE CAUSE(S) PILOT IN COMMAND - EXERCISED POOR JUDGMENT PILOT IN COMMAND - EXERCISED POOR JUDGMENT PILOT IN COMMAND - EXERCISED POOR JUDGMENT PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLAN FACTOR(S) WEATHER - DOWNDRAFT.UPDRAFTS WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED WEATHER FORECAST - UNKNOWN/NOT REPORTED MISSING AIRCRAFT - LATER RECOVERED SKY CONDITION CLEAR VISIBILITY AT ACCIDENT SITE 5 OR OVER (UNLIMITED) OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE REMARKS- ACFT SERVICE CEILING 11250FT.WRECKAGE RECOVERED 2/4/76 NR.BRIDGEPORT.CT CESSNA 150 CR- 2 TIME - 0908 N2480 PX- 0 DAMAGE-DESTROYED NAME OF AIRPORT - IGOR I SIKORSKY DEPARTURE POINT INTENDED DESTINATION FARMINGDALE.NY LOCAL TYPE OF ACLIDENT MALFUNCTION DITCHING PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS PDWERPLANT FAILURE FOR UNDE FACTOR(S) MISCELLANEOUS ACTS.CONDITIONS - AIRCRAFT CAME TO REST IN MISCELLANEOUS ACTS.CONDITIONS - AIRCRAFT CAME TO NE	12/19/76 ALDER,CO GRUM AMER AA-1 CR- 1 O TIME - UNK/NR N5679L PX- 2 O DAMAGE-DESTROYED DEPARTURE POINT INTENDED DESTINATION LAST RIDGECREST,CA COLUMBUS,OH GUN TYPE OF ACCIDENT OCOLUMBUS,OH PHASE COLLISION WITH GROUND/WATER UNCONTROLLED IN PROBABLE CAUSE(S) PILOT IN COMMAND - EXERCISED POOR JUDGMENT PILOT IN COMMAND - EXERCISED POOR JUDGMENT PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING FACTOR(S) WEATHER A DOWNDRAFT,UPDRAFTS WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED WEATHER FORECAST - UNKNOWN/NOT REPORTED MISSING AIRCRAFT - LATER RECOVERED SKY CONDITION CEILING VISIBILITY AT ACCIDENT SITE PRECI 5 OR OVER (UNLIMITED) NOB OBSTRUCTIONS TO VISION AT ACCIDENT SITE TYPE NONE TYPE OF FLIGHT PLAN NONE REMARKS- ACFT SERVICE CEILING 11250FT.WRECKAGE RECOVERED 7/19/ 2/4/76 NR.8BRIDGEPORT,CT CESSNA 150 CR- 2 O DAMAGE-DESTROYED NAME OF AIRPORT - IGOR I SIKORSKY DEPARTURE POINT INTENDED DESTINATION FARMINGDALE,NY LOCAL TYPE OF ACCIDENT INTENDED DESTINATION FARMINGDALE,NY LOCAL TYPE OF ACCIDENT MALFUNCTION IN DITCHING LAM PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS PDWERPLANT FAILURE FOR UNDETERMI MISSING AIRCRAFT - LATER RECOVERED	12/19/76ALDER.COGRUM AMER AA-1CR-1000 NTIME - UNK/NRN5679LPX-200 FDEPARTURE POINTINTENDED DESTINATIONLAST ENRORIDGECREST,CACOLUMBUS.OHGUNNISCTYPE OF ACCIDENTCOLUMBUS.OHPHASE OFCOLLISION WITH GROUND/WATERUNCONTROLLEDIN FLIGPROBABLE CAUSE(S)PILOT IN COMMAND - EXERCISED POOR JUDGMENTPHASE OFPILOT IN COMMAND - EXERCISED POOR JUDGMENTPILOT IN COMMAND - EXERCISED POOR JUDGMENTPHASE OFMEATHER - DOWNDRAFT.UPDRAFTSWEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVEDKEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVEDSKY CONDITIONCLEARUNLIMITVISIBILITY AT ACCIDENT SITEPRECIPITAS OR OVER (UNLIMITED)NONENONENONETYPE OF FLIGHT PLANNONERECOVERED7/19/77 I2/4/76NR.BRIDGEPORT,CTCESSNA 150CR-2001SAME OF AIRPORT - IGOR I SIKORSKYDAMAGE-DESTROYEDNAMAGE-DESTROYEDDEPARTURE POINTINTENDED DESTINATIONFARMINGDALE,NYLOCALPHOBABLE CAUSE(S)POWERPLANT FAILUREFOR UNDETERMINEDPROBABLE CAUSE(S)<	FSW/NPURPOSE12/19/76ALDER,COGRUM AMER AA-1CR-10NONCOMMERCIALTIMEUNK/NRN5679LPX-200PLEASURE/PERSONALDEPARTURE POINTINTENDED DESTINATIONLAST ENROUTE STOPRIDGEREST,CACOLUMBUS,OHGUNNISON,COTYPE OF ACCIDENTCOLLISION WITH GROUND/WATER UNCONTROLLEDPHASE OF OPERATIONPROBABLE CAUSE(S)PILOT IN COMMAND - EXERCISED POOR JUDGMENTPILOT IN COMMAND - EXERCISED POOR JUDGMENTPILOT IN COMMAND - EXERCISED POOR JUDGMENTPILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNINGFACTORIS)WEATHER - DOWNDRAFT.UPDRAFTSWEATHER FORECAST - UNKNOWN/NOT REPORTEDMISSING AIRCRAFT - LATER RECOVEREDSKY CONDITIONCEILING AT ACCIDENT SITEORD OVERIUNLIMITED)NOMETYPE OF FLIGHT PLANNOMENOMENONETYPE OF FLIGHT PLANNOMENOMENONEYA4RONARABC-DESTROYEDNAME OF AIRODRT - IGOR I SIKORSKYCR- 2 0 O INSTRUCTIONALDITCHINGNAMAGE-DESTROYEDNAME OF AIRODRT - IGOR I SIKORSKYLOCALDAMAGE-DESTROYEDIN FLIGHT OTHERDITCHINGPHASE OF OPERATIONENGINE FAILURE OR MALFUNCTIONIN FLIGHT OTHERDITCHINGPOWERPLANT FAILURE FOR UNDETERMINED REASONSFACTORIS)MALFUNCTIONNOMEFALCRAFT CAREPROBABLE CAUSE(S)POWERPLANT FAILURE FOR UNDETERMINED REASONSPACTORIS)MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER	12/19/76 ALDER,CO GRUM AMER AA-1 CR. 1 0 0 NONCOMMERCIAL TIME - UNK/NR N5679L DAAAGE-DESTROYED DEPARTURE POINT INTENDED DESTINATION RIDGECREST,CA CDLUMBUS,OH TYPE OF ACCIDENT COLLISION WITH GROUND/WATER UNCONTROLLED COLLISION WITH GROUND/WATER UNCONTROLLED PROBABLE CAUSE(S) PILOT IN COMMAND - EXERCISED POOR JUDGMENT PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING FACTOR(S) WEATHER FORECAST - UNKNOW/NATOR REPORTED MISSING AIRCRAFT - LATER RECOVERED SKY CONDITION CUEAR VTYE OF FLIGHT PLAN NONE REMARKS- ACFT SERVICE CEILING 11250FT.WRECKAGE REMARKS- ACFT SERVICE CEILING 11250FT.WRECKAGE REMARKS- ACFT SERVICE CEILING 11250FT.WRECKAGE REMARKS- ACFT SERVICE CEILING 11250FT.WRECKAGE REMARKS- ACFT SERVICE CEILING 1150 POWERPLANT FAILURE FOR UNDE FARTING POOR DAMAGE-DESTROYED NAME REMARKS- ACFT SERVICE CEILING 11250FT.WRECKAGE REMARKS- ACFT SERVICE CEILING 1150 POWERPLANT FAILURE FOR UNDE FARTING POOR DAMAGE-DESTROYED NAME OF AIRPORT - IGOR I SIKORSKY DEPARTURE POINT IN THISDING PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS FACTOR(S) MISCELLANEQUS ACTS,CONDITIONS - AIRCRAFT CAME MISCELLANEQUS ACTS,CONDITIONS - AIRCRAFT CAME MISCELLANEQUS ACTS,CONDITIONS - AIRCRAFT CAME MISCELLANEQUS ACTS,CONDITIONS - AIRCRAFT CAME MISCELLANEQUS ACTS,CONDITIONS - AIRCRAFT CAME MISCELLANEOUS CONDITIONS - AIRCRAFT CAME MISCELLANEOUS ACTS,CONDITIONS - AIRCRA

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BRIEFS OF ACCIDENTS

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FILE	DATE	LOCATION	AIRCRAFT DATA	INJ	URIES		FLIGHT PURPOSE		PILOT DATA			
3-3995	12/28/76 N TIME - 180	R.PERRY.FL O	PIPER PA-11 N78698 DAMAGE-DESTROYED				IONCOMMERCIAL LEASURE/PERSONAL		PRIVATE, AGE 25, 290 10TAL HOURS, 262 IN TYPE NOT INSTRUMENT RATED.			
	DEPARTURE POINT HOLLYWOOD+FL											
	TYPE OF AC		TALLAHASSEE.FL				EY.FL OPERATION					
	COLLIDED WITH TREES							HDOWN				
	PROBABLE C	PROBABLE CAUSE(S)										
	PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING											
	PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN											
	FACTORIS) WEATHER - LOW CEILING											
	WEATHER - LOW CETLING											
	WEATHER - THUNDERSTORM ACTIVITY											
	TERNAIN - HIGH OBSTRUCTIONS											
	WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED											
	WEATHER FORECAST - UNKNOWN/NOT REPORTED											
	MISSING AIRCRAFT - LATER RECOVERED											
	EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT											
	ADVERSE/UNFAVORABLE WEATHER											
	SKY CONDITION UNKNOWN/NOT REPORTED				CEIL		T ACCIDENT SITE					
		AT ACCIDENT SI	E				TION AT ACCIDENT	SLIE				
	1/4 MILE		RAIN, THUNDERSTORM									
	OBSTRUCTIO		TEMP	ERATU	IRE-F							
	· · · .=	ATHER CONDITIONS	i			OF F	LIGHT PLAN					
•		EA BRIEF FROM PI	T WHO HAD PREV FLOWN RO	UTE. IN				RECOVERS	(DATE 12/29/76 .			

BRIEFS OF ACCIDENTS

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FILE	DATE LOCATION	A AIRCRAFT DATA	INJURIES FLIGHT F S M/N PURPOSE	PILOT DATA						
9-0254	1/15/76 NR.OROFINO.ID TIME - 1424		R- 1 0 0 COMMERCIAL X- 2 0 0 AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 34, 3968 TOTAL HOURS 105 IN TYPE, INSTRUMENT RATED.						
	DEPARTURE POINT	INTENDED DESTINATION	LAST ENROUTE STOP							
	BUTTE,MT	OROF IND . ID	KOOSKIA,ID							
	TYPE OF ACCIDENT		PHASE OF OPERATION							
	COLLISION WITH GROUND/WATER CONTROLLED IN FLIGHT OTHER									
	FACTORIS) WEATHER - LOW CEILING	DNTINUED VFR FLIGHT INTO ADVER								
		EFED BY FLIGHT SERVICE PERSONN CAST SUBSTANTIALLY CORRECT	EL, IN PERSON							
	TERRAIN - HIGH OBSTRU WEATHER BRIEFING - BRIE WEATHER FORECAST - FORE	EFED BY FLIGHT SERVICE PERSONN CAST SUBSTANTIALLY CORRECT	EL, IN PERSON Ceiling at accident site 1800							
	TERRAIN - HIGH OBSTRU WEATHER BRIEFING - BRIE WEATHER FORECAST - FORE MISSING AIRCRAFT - LATE SKY CONDITION	FED BY FLIGHT SERVICE PERSONN CAST SUBSTANTIALLY CORRECT SR RECOVERED	CEILING AT ACCIDENT SITE	Ē						
	TERRAIN - HIGH OBSTRU WEATHER BRIEFING - BRIE WEATHER FORECAST - FORE MISSING AIRCRAFT - LATE SKY CONDITION OBSCURATION VISIBILITY AT ACCIDENT 3/4 MILE OR LESS	FED BY FLIGHT SERVICE PERSONN CAST SUBSTANTIALLY CORRECT ER RECOVERED SITE	CEILING AT ACCIDENT SITE 1800 Precipitation at accident sit Rain	E						
	TĒRRAIN — HIĞH OBSTRU WEATHER BRIEFING — BRII WEATHER FORECAST — FORE MISSING AIRCRAFT — LATE SKY CONDITION Obscuration Visibility at accident	FED BY FLIGHT SERVICE PERSONN CAST SUBSTANTIALLY CORRECT ER RECOVERED SITE	CEILING AT ACCIDENT SITE LAGO PRECIPITATION AT ACCIDENT SIT	Ē						
	TERRAIN - HIGH OBSTRU WEATHER BRIEFING - BRIE WEATHER FORECAST - FORE MISSING AIRCRAFT - LATE SKY CONDITION OBSCURATION VISIBILITY AT ACCIDENT 3/4 MILE OR LESS OBSTRUCTIONS TO VISION	FED BY FLIGHT SERVICE PERSONN CAST SUBSTANTIALLY CORRECT ER RECOVERED SITE	CEILING AT ACCIDENT SITE 1800 PRECIPITATION AT ACCIDENT SIT RAIN TEMPERATURE-F	E						
	TERRAIN - HIGH OBSTRU WEATHER BRIEFING - BRIE WEATHER FORECAST - FORE MISSING AIRCRAFT - LATE SKY CONDITION OBSCURATION VISIBILITY AT ACCIDENT 3/4 MILE OR LESS OBSTRUCTIONS TO VISION FOG	FED BY FLIGHT SERVICE PERSONN CAST SUBSTANTIALLY CORRECT ER RECOVERED SITE	CEILING AT ACCIDENT SITE LAGO PRECIPITATION AT ACCIDENT SIT RAIN TEMPERATURE-F 38	F						

BRIEFS OF ACCIDENTS 4 LOCATION FLIGHT PILOT DATA FILE DATE AIRCRAFT DATA IN HIRTES PURPOSE F S M/N _____ 3-0497 2/8/76 NR. PRESTON. ID CESSNA 172 CR- 0 1 0 NONCOMMERCIAL PRIVATE. AGE 25. 300 TIME - 1910 PX- 0 0 0 PLEASURE/PERSONAL TRANSP TOTAL HOURS, UNK/NR IN N59258 DAHAGE-SUBSTANTIAL TYPE, NOT INSTRUMENT RATED. DEPARTURE POINT LAST ENROUTE STOP INTENDED DESTINATION BURNS.1D PRESTON-10 BOISE.ID TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER UNCONTROLLED IN FLIGHT UNCONTROLLED DESCENT PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VER FLIGHT INTO ADVERSE MEATHER CONDITIONS PILOT IN COMMAND - SPATIAL DISORIENTATION FACTORIST WEATHER - LOW CEILING WEATHER - SNOW TERRAIN - HIGH OBSTRUCTIONS WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT MISSING AIRCRAFT - LATER RECOVERED SKY CONDITION CEILING AT ACCIDENT SITE BROKEN/LOWER SCATTERED 400 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 1/2 MILE OR LESS SNOW SHOWERS **OBSTRUCTIONS TO VISION AT ACCIDENT SITE** TEMPERATURE-F FOG 27 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN IFR VFR REMARKS- RECOVERY DATE 2/10/76. 3-0953 5/21/76 WEISER, ID CESSNA 172K CR- 2 0 0 NONCOMMERCIAL PRIVATE, AGE 18, 72 TOTAL TIME - 1830 PX- 0 0 0 PLEASURE/PERSONAL TRANSP HOURS, 69 IN TYPE, NOT N7148G DAMAGE-DESTROYED INSTRUMENT RATED. NAME OF AIRPORT - WEISER MUNI DEPARTURE POINT INTENDED DESTINATION LAST ENROUTE STOP ONTARIO, OR UNKNOWN/NOT REPORTED WEISER.ID TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH WIRES/POLES IN FLIGHT LOW PASS PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING PLIOT IN COMMAND - FALLED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS MISCELLANEOUS ACTS, CONDITIONS - UNWARRANTED LOW FLYING FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - STOLEN OR UNAUTHORIZED USE OF AIRCRAFT TERRAIN - HIGH OBSTRUCTIONS MISCELLANEOUS ACTS.CONDITIONS - AIRCRAFT CAME TO REST IN WATER MISSING AIRCRAFT - LATER RECOVERED REMARKS- HIT WIRES 30FT ABOVE RIVER. RECOVERY DATE 5/23/76. UNAUTH FLT.

			ARIEFS						
FILE	DATE		AIRCRAFT DATA			ES M/N		FLIGHT PURPOSE	PILOT DATA
	R/25/76 TIME - U DEPARTUR SALMON, TYPE OF COLLIS	NR.SALMON,ID NK/NR E POINT	CESSNA TU206E N1383M DAMAGE-DESTROYED INTENDED DESTINATION ROOT RANCH.ID	PX-	о РН	O O	AI DF C	DMMERCIAL R TAXI-CARGO DPERATION HI UNCONTROLLED DE	COMMERCIAL, AGE 30, 1300 TOTAL HOURS, 271 IN TYPE, INSTRUMENT RATED.
	PILOT WEATHE WEATHE FACTOR(S PILOT TERRAJ WEATHER WEATHER	ATED FLIGHT IN ADVERSE WI SOCIATED W/CLOUDS AND/OR CTIVITY TIONS - CARGO SHIFTED OUATE PREFLIGHT PREPARAT ONS BY FLIGHT SFRVICE PERSON T SUBSTANTIALLY CORRECT ECOVERED	THUND	ERS D/O	TORM	S ANN] E			
	5 OR O OBSTRUCT UNKNOW WIND DIR 220 TYPE OF UNKNOW	RED TY AT ACCIDENT SIT IVER(UNLIMITED) ITONS TO VISION AT IN/NOT REPORTED LECTION-DEGREES WEATHER CONDITIONS	ACCIDENT SITE	; 1541	PR TE WI TY	8000 ECIP RAIN MPER 63 ND V 10 PE D NDNE	ITAT SHO ATUR ELOO F FL	T ACCIDENT SITE TION AT ACCIDENT SI DWERS RE-F CITY-KNOTS LIGHT PLAN D NOT SECURED.	TE

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BRIEFS OF ACCIDENTS PILOT DATA FILE DATE LOCATION AIRCRAFT DATA INJURIES FLIGHT PURPOSE F S M/N _____ 3-3906 11/22/76 NR.SANDPOINT.ID PIPER PA-28R CR- 1 0 0 INSTRUCTIONAL PRIVATE, AGE. 31, 168 TIME - 1753 N15987 PX- 0 0 0 TRAINING TOTAL HOURS, 13 IN TYPE, DAMAGE-DESTROYED NOT INSTRUMENT RATED. NAME OF AIRPORT - CITY-COUNTY DEPARTURE POINT INTENDED DESTINATION LAST ENROUTE STOP OLYMPIA,WA DEER LODGE,MT SPOKANE, WA TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH TREES IN FLIGHT DESCENDING PROBABLE CAUSE(S) PILOT IN COMMAND - ATTEMPTED OPERATION REYOND EXPERIENCE/ABILITY LEVEL PILOT IN COMMAND - BECAME LOST/DISORIENTED FACTOR(S) PERSONNEL - FLIGHT INSTRUCTOR INADEQUATE SUPERVISION OF FLIGHT WEATHER ~ FOG TERRAIN - HIGH OBSTRUCTIONS WEATHER BRIEFING - PARTIAL BRIEFING BY WEATHER BUREAU PERSONNEL, BY PHONE, LIMITED BY PILOT ACTION WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT MISSING AIRCRAFT - LATER RECOVERED SKY CONDITION CEILING AT ACCIDENT SITE UNKNOWN/NOT REPORTED UNKNOWN/NOT REPORTED PRECIPITATION AT ACCIDENT SITE **VISIBILITY AT ACCIDENT SITE** 5 OR OVER (UNLIMITED) NONE **OBSTRUCTIONS TO VISION AT ACCIDENT SITE TEMPERATURE-F** FOG 33 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN UNKNOWN/NOT REPORTED NONE REMARKS- TRAINING FOR COMMERCIAL & INSTRUMENT RATING.RECOVERY DATE 11/26/76. 3-4138 10/3/76 MANTENO, IL CESSNA 1778 CR- 1 0 0 NONCOMMERCIAL PRIVATE, AGE 44, 134 PX- 0 1 0 PLEASURE/PERSONAL TRANSP TOTAL HOURS, 64 IN TYPE, TIME - 0010 N34434 DAMAGE-DESTROYED NOT INSTRUMENT RATED. DEPARTURE POINT INTENDED DESTINATION MATTOON, IL FRANKFORT, IL PHASE OF OPERATION TYPE OF ACCIDENT IN FLIGHT UNCONTROLLED DESCENT COLLISION WITH GROUND/WATER UNCONTROLLED MISSING AIRCRAFT - LATER RECOVERED **REMARKS- UNDER INVESTIGATION.**

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FILE			AIRCRAFT DATA		F	S I	4/N			PILOT DATA			
3-3879	12/11/76 TIME - 185 DEPARTURE PERRYVIL TYPE OF AG COLLISIO PROBABLE O PILOT IN PILOT IN FACTOR(S) WEATHER WEATHER BE	12/11/76 VANDALIA,IL CESSNA 172M 11ME - 1859 N64024 DEPARTURE POINT INTENDED DESTINATION PERRYVILLE,MO CHICAGO,IL TYPE OF ACCIDENT COLLISION WITH GROUND/WATER COLLISION WITH GROUND/WATER UNCONTROLLED PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARA PILOT IN COMMAND - CONTINUED VER FLIGHT INTO AD PILOT IN COMMAND - SPATIAL DISORIENTATION FACTOR(S) WEATHER - LOW CEILING WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED					CR- 1 0 0 NONCOMMERCIAL PRIVATE, AGE PX- 2 0 0 PLEASURE/PERSONAL TRANSP OTAL HOURS, NOT INSTRUMEN PHASE OF OPERATION IN FLIGHT UNCONTROLLED DESCENT						
	4 MILES OBSTRUCTIO FOG TYPE OF FU NONE	Y AT ACCIDENT SITE OR LESS DNS TO VISION AT A	ACCIDENT SITE		P	UI PRE DI TYP	NKNO CIPI RIZZ	AT ACCIDENT WN/NOT REPORT TATION AT ACC LE WEATHER COND	ED IDENT SITE				

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			BRIEFS	OF A	CC 1	DEN	TS			
FILE	DATE	LOCATION	AIRCRAFT DATÁ	IN				FLIGHT PURPOSE	PILOT DATA	
3-3627	1/25/76 M TIME - 101		CESSNA 210 N9490T DAMAGE-DESTROYED	-	-		-	NONCOMMERCIAL Pleasure/personal trans	PRIVATE, AGE 52, 9000 SP TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.	
	DEPARTURE POINT INTENDED DESTINATION NEW ORLEANS,LA UNKNOWN/NOT REPORTED TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH TREES IN FLIGHT NORMAL CRUISE									
	WEATHER PILOT IN WEATHER BR WEATHER FO	N COMMAND - INADE	QUATE PREFLIGHT PREPARAT RD OF BRIEFING RECEIVED T SUBSTANTIALLY CORRECT ECOVERED	ION A	ND/	'OR	PL	ANNING	·	
	2 MILES OBSTRUCTIO FOG WIND DIREC 160		ACCIDENT SITE		P T W	60 REC RA EMP 63 IND 15	O IP1 IN ERJ	AT ACCIDENT SITE TATION AT ACCIDENT SITE SHOWERS TURE-F LOCITY-KNOTS FLIGHT PLAN		
	IFR	RECOVERY DATE 10/				NO				

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BRIEFS OF ACCIDENTS

FILE			AIRCRAFT DATA	F	S M	N/N	PURPOSE	PILOT DATA
	3/5/76 TIME - UNK/	PLYMOUTH,MA Nr	CESSNA 150L N19398 Damage-Substantial	CR- 1	0	0	NONCOMMERCIAL	PRIVATE, AGE 61, 400 Total Hours, 115 in type, Not instrument rated.
		DEPARTURE POINT INTENDED DESTINATION PLYMOUTH,MA LOCAL						
	TYPE OF ACC		•				F OPERATION IGHT OTHER	
	PROBABLE CA	115F(5)						
			QUATE PREFLIGHT PREPARAT	TON AND	/0R	LA	NNING	
			NUED VER FLIGHT INTO ADV					
		COMMAND - FAILE	D TO SEE AND AVOID OBJEC	TS OR O	BSTR	JC T	IONS	
	FACTOR(S)	LOW CELLING						
	WEATHER -							
	WEATHER -							
	TERRALN -	HIGH OBSTRUCT	ONS					
			IRD OF BRIEFING RECEIVED					
		ECAST - UNKNOWN						
	MISSING AIN	CRAFT - LATER P	LEUVERED					
	SKY CONDITI	ON			CEIL	ING	AT ACCIDENT SITE	
	UNKNDWN/N	OT REPORTED			20			
		AT ACCIDENT SIT	E				TATION AT ACCIDENT SITE	
	1/2 MILE	UR LESS IS TO VISION AT	ACCIDENT SITE				SNOW RECTION-DEGREES	
	FOG	2 ID AT2INM MI	ACCIDENT SITE		22		RECTION-DEGREES	
	WIND VELOCI	TY-KNOTS				-	WEATHER CONDITIONS	•
	20		•		IF	ł		
	TYPE OF FLI NONE	GHT PLAN						
	REMARKS- NO	N INST PLT ENTR	ND IFR WX COND.HIT PWR LI	NE.			•	
				PAGE	56			
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FILE	DATE	LOCATION	AIRCRAFT DATA		URIES S MA		FLIGHT PURPOSE		PILOT DATA		
3-3466	6/18/76 NR.GADWIN,MI PIPER PA-22 - CR- I 0 NONCOMMERCIAL PRIVATE, AGE 52, 346 TIME - UNK/NR N2227A PX- I 0 PLEASURE/PERSINAL TRANSP TOTAL HOURS, 99 IN TYP DAMAGE-DESTROYED DAMAGE-DESTROYED NOT INSTRUMENT RATED. DEPARTURE POINT INTENDED DESTINATION LAST ENROUTE STOP NOT INSTRUMENT RATED. SAGINAW,MI HOUGHTON LAKE,MI PINCONNING,MI TYPE OF ACCIDENT DHOONTROLLED IN FLIGHT UNCONTROLLED DESCENT										
	PILOT IN FACTOR(S) WEATHER WEATHER WEATHER WEATHER BR WEATHER FO	COMMAND - INITIA COMMAND - SPATIA - LOW CEILING - RAIN - THUNDERSTORM AC IEFING - NO RECOR	CTIVITY D DF BRIEFING RECEIVED SUBSTANTIALLY CORRECT	EATHER	C0ND 1	110	NS	·			
	VISIBILITY UNKNOWN/ OBSTRUCTIO	NOT REPORTED AT ACCIDENT SITE NOT REPORTED NS TO VISION AT A NOT REPORTED IGHT PLAN			UNP PRECI	NOW PIT N, OF	AT ACCIDENT SITE N/NOT REPORTED ATION AT ACCIDENT THUNDERSTORM WEATHER CONDITION:		•		

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		AIRCRAFT DATA		FS	M/N	FLIGH PURPO	SE	PILOT DATA	
	9/20/76 L'ANSE,MI TIME - 2100	BEECH 95 N2080C DAMAGE-DESTROYED	CR-	1	0 0	NONCOMME BUSINESS	RCIAL	PRIVATE, AGE 51, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.	
	DEPARTURE POINT Lakeview,mi Type of accident Collision with grouni	INTENDED DESTINATION HOUGHTON,MI	PHASE OF OPERATION IN FLIGHT UNCONTROLLED DESCENT						
:	PILOT IN COMMAND - SI FACTOR(S) WEATHER - LOW CEILING WEATHER - RAIN WEATHER - THINDERSTO WEATHER - THINDERSTO WEATHER BRIEFING - PAR	S ASSOCIATED W/CLOUDS AND/O M ACTIVITY TIAL BRIEFING BY FLIGHT SER THER CONSIDERABLY WORSE THA	R THUI VICE	THUNDERSTORMS ICE PERSONNEL, BY PHONE/RADIO, LIMITED BY PILOT ACTION					
	SKY CONDITION BROKEN VISIBILITY AT ACCIDENT 5 OR OVER(UNLIMITED) OBSTRUCTIONS TO VISION NONE			PR TE	900 ECIP RAIN MPER	G AT ACCID ITATION AT , THUNDERS ATURE-F	ACCIDENT SITE		
	NUNE 47 WIND DIRECTION-DEGREES WIND VELOCITY-KNOTS 320 10 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN IFR NONE REMARKS- RECOVERY DATE 11/15/76. NONE								

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•		BRIEF	S OF ACC	IDEN	TS			
DATE	LOCATION	AIRCRAFT DATA	F	S M	1/N			PILOT DATA
12/19/76 TIME - UNK/ DEPARTURE P HASTINGS. TYPE OF ACC	PALO,MJ NR OINT MI IDENT	ERCD 415-C N99258 DAMAGE-DESTROYED INTENDED DESTINATION RETURN	CR- 1 PX- (L O D O LAST GR PHAS	0 0 I ENR EENV E OF	NONCOMMERCIAL PLEASURE/PERSONAL OUTE STOP ILLE,MI OPERATION		PRIVATE, AGE 47, 205 TOTAL HOURS, 113 IN TYPE NOT INSTRUMENT RATED.
PILOT IN PILOT IN PILOT IN FACTOR(S) WEATHER - WEATHER - WEATHER BRI WEATHER BRI	COMMAND - INADEC COMMAND - INITI COMMAND - SPATI Low Ceiling Rain Fog Efing - No Recor Ecast - Forecasi	TED FLIGHT IN ADVERSE L DISORIENTATION O OF BRIEFING RECEIVED SUBSTANTIALLY CORRECT						
OVERCAST VISIBILITY 2 MILES O OBSTRUCTION FOG TYPE OF FLI NONE	AT ACCIDENT SITE R LESS S TO VISION AT A GHT PLAN			60 PREC DR TYPE	0 1917 1221 0F	ATION AT ACCIDENT		
TIME - 2028 DEPARTURE P CRAIG.MT TYPE OF ACC	OINT	PIPER PA-18 N7490L DAMAGE-DESTROYED INTENDED DESTINATION LOCAL		і О РНА 5	0 5e of			PRIVATE, AGE 57, 2300 TÕTAL HOURS, 1500 IN Type, Instrument Raten.
-	12/19/76 TIME - UNK/ DEPARTURE P HASTINGS, TYPE OF ACC COLLISION PROBABLE CA PILOT IN PILOT IN FACTORISJ WEATHER - WEATHER - WEATHER FOR MISSING AIR SKY CONDITI OVERCAST VISIBLLITY 2 MILES O OBSTRUCTION FOG TYPE OF FLI NONE REMARKS- NO 7/13/76 NR TIME - 2028 DEPARTURE P CRAIG,MT	12/19/76 PALO, MJ TIME - UNK/NR DEPARTURE POINT HASTINGS, MI TYPE OF ACCIDENT COLLISION WITH GROUND/WAT PROBABLE CAUSE (S) PILOT IN COMMAND - INATO PILOT IN COMMAND - INATO FACTOR (S) WEATHER - LOW CEILING WEATHER - RAIN WEATHER - RAIN WEATHER - ROE WEATHER FORECAST - FORECAST MISSING AIRCRAFT - LATER RE SKY CONDITION OVERCAST VISIBILITY AT ACCIDENT SITE 2 MILES OR LESS OBSTRUCTIONS TO VISION AT A FOG TYPE OF FLIGHT PLAN NONE REMARKS- NO WX BRIEF RECVD 7/13/76 NR.HELENA, MT TIME - 2028 DEPARTURE POINT CRAIG, MT	12/19/76 PALO,MI ERCO 415-C TIME - UNK/NR N99258 DEPARTURE POINT INTENDED DESTINATION HASTINGS,MI RETURN TYPE OF ACCIDENT COLLISION WITH GROUND/WATER UNCONTROLLED PROBABLE CAUSE (S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION FACTOR (S) WEATHER - LOW CEILING WEATHER - LOW CEILING WEATHER - RAIN WEATHER - RAIN WEATHER - FOG WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT MISSING AIRCRAFT - LATER RECOVERED SKY CONDITION OVERCAST VISIBLITY AT ACCIDENT SITE 2 MILES OR LESS OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG TYPE OF FLIGHT PLAN NONE REMARKS- NO WX BRIEF RECVD	F 12/19/76 PALO,MI ERCD 415-C CR-1 11ME - UNK/NR N99258 PX-0 DEPARTURE POINT INTENDED DESTINATION HASTINGS,MI RETURN TYPE OF ACCIDENT COLLISION WITH GROUND/WATER UNCONTROLLED PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WÉATHER PILOT IN COMMAND - SPATIAL DISORIENTATION FACTOR(S) WEATHER - LOW CEILING WEATHER - LOW CEILING WEATHER - FOG WEATHER - FOG WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT MISSING AIRCRAFT - LATER RECOVERED SKY CONDITION OVERCAST VISIBILITY AT ACCIDENT SITE 2 MILES OR LESS OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG TYPE OF FLIGHT PLAN NONE REMARKS- NO WX BRIEF RECVD 7/13/76 NR.HELENA,MT PIPER PA-18 CR-1 TIME - 2028 N7490L PX-10 DAMAGE-DESTROYED DEPARTURE POINT INTENDED DESTINATION </td <td>F S M 12/19/76 PALO,MI ERCO 415-C CR-1 O TIME - UNK/NR N99258 PX-0 O DEPARTURE POINT INTENDED DESTINATION LAST HASTINGS,MI RETURN GR TYPE OF ACCIDENT INTENDED DESTINATION LAST COLLISION WITH GROUND/WATER UNCONTROLLED IN PROBABLE CAUSE (S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WEATHER CONC PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WEATHER CONC PILOT IN COMMAND - SPATIAL DISORIENTATION FACTOR (S) WEATHER - LOW CEILING WEATHER - LOW CEILING WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT MEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT MISSING AIRCRAFT - LATER RECOVERED SKY CONDITION CEIL OVERCAST 60 VISIBILITY AT ACCIDENT SITE PREC Z MILES OR LESS DO OBSTRUCTIONS TO VISION AT ACCIDENT SITE TYPE FDG IF TYPE OF FLIGHT PLAN NONE NONE NT490L PX-1 CATIBE - 2028 N7490L PX-1 <t< td=""><td>F S M/N 12/19/76 PALO,MI ERCO 415-C CR-1 0 0 TIME - 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	12/22/76 NR.EMF TIME - 1430		CESSNA 172M N12364 DAMAGE-DESTROYED	CR- PX-	1 0 0	NONCOMMERCIAL		PRIVATE, AGE 60, 1036 TOTAL HOURS, 14 IN TYPE, NOT INSTRUMENT RATED.
	GERLACH, NV TYPE OF ACCIDEN	т _.	RIP INTENDED DESTINATION REND,NV R UNCONTROLLED	4		OF OPERATION LIGHT UNCONTRU	DLLED DESCEN	r
	MISCELLANEOUS MISSING AIRCRAF	AND - INCAPAC ACTS,CONDITI T - LATER REC	ONS - ALCOHOLIC IMPA		OF EFFIC	IENCY AND JUNGM	IEN T	
-0183	1/6/76 NR.GRA TIME - 2015		PIPER PA-23 N5258Y DAMAGE-DESTROYED			COMMERCIAL AIR TAXI-PASS	66	COMMERCIAL, AGE 55, 1040 TOTAL HOURS, 2500 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT		INTENDED DESTINATION	ı				
	ALBUQUERQUE,N TYPE OF ACCIDEN COLLISION WIT	т	GALLUP+NM R CONTROLLED			OF OPERATION LIGHT NORMAL C	RUISE	
	PILOT IN COMM FACTOR(S) WEATHER - LOW WEATHER - SNO MISCELLANEOUS WEATHER BRIEFIM	AND - CONTINU AND - IMPROPE CEILING W ACTS, CONDITI G - BRIEFED P T - FORECAST	DED VFR FLIGHT INTO A R IN-FLIGHT DECISION ONS - DISREGARD OF (DY FLIGHT SERVICE PFF SUBSTANTIALLY CORREC OVERED	IS OR PL	ANN ING RATING P	RACTICE		
	SKY CONDITION OBSCURATION VISIBILITY AT A				UNKN PRECIP	IG AT ACCIDENT S Inwn/Not Reporte Pitation at Acci	Ð	
	1/2 MILE OR L OBSTRUCTIONS TO		CIDENT SITE			, SNOW SHOWERS		
	BLOWING SAND WIND DIRECTION- 270	DEGREES	•		30 WIND V 30	ELOCITY-KNOTS		
	TYPE OF WEATHER	CONDITIONS	•			DF FLIGHT PLAN		

BRIEFS OF ACCIDENTS

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BRIEFS OF ACCIDENTS FILE DATE LOCATION AIRCRAFT DATA INJURIES FLIGHT PILOT DATA F S M/N PURPOSE ------3-0501 3/6/76 NR.SAN YSIDRO,NM CESSNA 182 CR- 1 0 0 NONCOMMERCIAL PRIVATE, AGE 27, 215 TIME - 2236 N55378 PX- 1 0 0 PLEASURE/PERSONAL TRANSP TUTAL HOURS, 60 IN TYPE. DAMAGE-DESTROYED NOT INSTRUMENT RATED. DEPARTURE POINT INTENDED DESTINATION ALBUQUERQUE .NM DURANGO+CO TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER UNCONTROLLED IN FLIGHT UNCONTROLLED DESCENT PROBABLE CAUSE(S) PILOT IN COMMAND - SPATIAL DISORIENTATION FACTOR(S) TERRAIN - OTHER MISSING AIRCRAFT - LATER RECOVERED REMARKS- RECOVERY DATE 3/7/76. SPARSELY LTD TERRAIN IN AREA. 3-1882 3/29/76 RUIDOSO.NM CESSNA 340 -CR- 1 0 0 NONCOMMERCIAL PRIVATE, AGE 43, 1056 TIME - 1650 N4098L PX- 1 0 0 PLEASURE/PERSONAL TRANSP TOTAL HOURS, 336 IN TYPE, DAMAGE-DESTROYED NOT INSTRUMENT RATED. NAME OF AIRPORT - RUIDOSO MUNI DEPARTURE POINT INTENDED DESTINATION LAST ENROUTE STOP RUIDOSD, NM UNKNOWN/NOT REPORTED ALBUQVERQUE .NM TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH TREES TAKEOFF INITIAL CLIMB PROBABLE CAUSE(S) PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS WEATHER - LOW CEILING WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED WEATHER FORECAST - UNKNOWN/NOT REPORTED MISSING AIRCRAFT - LATER RECOVERED SKY CONDITION CEILING AT ACCIDENT SITE OBSCURATION UNKNOWN/NOT REPORTED VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE UNKNOWN/NOT REPORTED ZERO OBSTRUCTIONS TO VISION AT ACCIDENT SITE TYPE OF WEATHER CONDITIONS FOG BELOW MINIMUMS TYPE OF FLIGHT PLAN NONE FIRE AFTER IMPACT REMARKS- RECOVERY DATE 3/30/76.

FILE	DATE		AIRCRAFT DATA		FLIGHT		PILOT DATA		
	4/19/76 NR.ALF TIME - 0130 DEPARTURE POINT WICHITA.KS TYPE OF ACCIDEN COLLISION WIT PROBABLE CAUSE PILOT IN COMM PILOT IN COMM PILOT IN COMM PILOT IN COMM FACTOR(S) MISCELLANEOUS WEATHER - LOW WEATHER BRIEFIN WEATHER BRIEFIN	NUQUERQUE,NM IT H GROUND/WATE S) IAND - CONTINU IAND - SPATIAL IAND - ATTEMPT ACTS,CONDITI I CEILING IW IG - BRIEFING IT - UNKNOWN/N	CESSNA 172 NG741A DAMAGE-SUBSTANTIA INTENDED DESTINATION PHOENIX.AZ R UNCONTROLLED ED VFR FLIGHT INTO A DISORIENTATION ED OPERATION BEYOND ONS - DISREGARD OF G RECEIVED-METHOD UNKN OT REPORTED	CR- O I O PX- O O I L LAST EN ALBUOU PHASE C IN FL DVERSE WEATHER C EXPERIENCE/ABILI OOD OPERATING PR	NONCOMMERCIAL PLEASURE/PERSONAL IROUTE STOP JEROUE, MM OF OPERATION .IGHT UNCONTROLLED CONDITIONS	TRANSP	STUDENT, AGE 38, 92 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.		
	MISSING AIRCRAF SKY CONDITION UNKNOWN/NOT F VISIBILITY AT / ZERO OBSTRUCTIONS TO BLOWING SNOW WIND VELOCITY-F 12 TYPE OF FLIGHT NONE REMARKS- UNAUTH	EPORTED CCIDENT SITE VISION AT AC NOTS PLAN	CIDENT SITE	UNKNO PRECIPI SNOW WIND DI 330	G AT ACCIDENT SITE WWN/NOT REPORTED ITATIGN AT ACCIDENT SHOWERS RECTION-DEGREES WEATHER CONDITION				
3-3798	11/19/76 NR.TA(TIME - 1010)S•NM	BELLANCA 17-30A N4027B Damage-destroyed		NONCOMMERCIAL Pleasure/personal		PRIVATE, AGE 59, 4500 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT		
	PROBABLE CAUSE	NT FH GROUND/WATE	INTENDED DESTINATION TAOS,NM R CONTROLLED	RATED. IN PHASE OF OPERATION IN FLIGHT NORMAL CRUISE					
	MISSING AIRCRA	T - LATER REC	R IN-FLIGHT DECISION OVERED 6 SELECTED ENROUTE A	LTITUDE BELOW O	STRUCTING TERRAIN				
				PAGE 62					

		BRIEFS				-				
 DATE	LOCATION	AIRCRAFT DATA	D	IJUR F	IES S M	/N	FLIGHT PURPOSE		PILOT DATA	
11/26/76 NR.FAN TIME - 1746 Departure point	RMINGTON,NM	DAMAGE-DESTROYED Intended Destination	CR-	1	0	0			PRIVATE, AGE 45, 209 TOTAL HOURS, 53 IN TYPE, NOT INSTRUMENT RATED.	
ROSWELL,NM		AZTEC.NM		~		. .	5 0050 × 7104			
TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER UNCONTROLLED IN FLIGHT UNCONTROLLED DESCENT										
PILOT IN COM PILOT IN COM PILOT IN COM FACTOR(S) PERSONNEL - 1 WEATHER - LOI WEATHER FORECA: MISSING AIRCRAI					ONDITIONS SAFE WEATHER CONDIT	IONS				
SKY CONDITION CEILING AT ACCIDENT SITE OVERCAST 3800										
VISIBILITY AT A				P			TATION AT ACCIDENT SHOWERS	SITE		
OHENOWATHOUT OBSTRUCTIONS TO UNKNOWN/NOT I Type of flight VFR	D VISION AT ACREPORTED	CIDENT SITE		1		OF	WEATHER CONDITIONS	•		
REMARKS- RECOVI	ERY DATE 12/3/	76.								

FILE	DATE	LOCATION	AIRCRAFT DATA	INJU F	RIES SM/	N	FLIGHT PURPOSE	PILOT DATA
	5/14/76 TIME - UN DEPARTUR WADSWO TYPE OF	NR,BURNSVILLE,NC NK/NR E POINT RTH,OH	CESSNA 182 N71387 DAMAGE-DESTROYED INTENDED DESTINATION GAINESVILLE+FL ER UNCONTROLLED	CR- 1 PX- 1	O O PHASE	0 N 0 P	ONCOMMERCIAL	COMMERCIAL, AGE 69, 540 SP TOTAL HOURS, 340 IN TYPE NOT INSTRUMENT RATED.
	PILOT FACTOR(S WEATHE WEATHE WEATHER	TS D OF BRIFFING RECEIVER NOT REPORTED	DVERSE WEATHER CONDITIONS					
	VISIBILI UNKNOW OBSTRUCT UNKNOW TYPE OF NONE	N/NOT REPORTED TY AT ACCIDENT SITE N/NOT REPORTED IONS TO VISION AT A N/NOT REPORTED FLIGHT PLAN	CCIDENT SITE		UNK PRECI UNK TYPE IFR	NOWN PITA NOWN OF V	AT ACCIDENT SITE J/NOT REPORTED ATION AT ACCIDENT SITE J/NOT REPORTED HEATHER CONDITIONS	
	REMARKS-	ACFT RCVRD 5/21//6	ATC SPECIALIST AT ZZV	ADVSD P	LTVF	R FL	T NOT RECOMMENDED THR	J GA & FL AREA.
				PAGE	64			

FILE DATE LOCATION AIRCRAFT DATA PILOT DATA INJURIES FLIGHT 'F S M/N PURPOSE CR- 1 0 0 NONCOMMERCIAL 3-3556 8/16/76 MANDAN, ND CESSNA 172 PRIVATE, AGE 47. UNK/NR PX- 3 0 O PLEASURE/PERSONAL TRANSP TUTAL HOURS. UNK/NR IN N3783F TIME - 0500 TYPE, NOT INSTRUMENT DAMAGE-DESTROYED RATED. DEPARTURE POINT INTENDED DESTINATION BISMARCK.ND LEWISTON, MT TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER UNCONTROLLED IN FLIGHT UNCONTROLLED DESCENT PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - ATTEMPTED OPERATION REYOND EXPERIENCE/ABILITY LEVEL PILOT IN COMMAND - SPATIAL DISORIENTATION FACTOR(5) WEATHER - OTHER WEATHER BRIEFING - OTHER WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT MISSING AIRCRAFT - LATER RECOVERED SKY CONDITION CEILING AT ACCIDENT SITE OVERCAST 2500 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 5 OR OVER(UNLIMITED) NONE **OBSTRUCTIONS TO VISION AT ACCIDENT SITE** TYPE OF WEATHER CONDITIONS UNKNOWN/NOT REPORTED VFR TYPE OF FLIGHT PLAN NONE REMARKS- PLT ASKED FOR LOCAL WX ONLY.FLT OVR UNLIT TERRAIN, SKY OVERCAST.RCVRD 8/17/76. 3-0345 1/1/76 ROCKFORD, OH CR- 1 1 0 NONCOMMERCIAL COMMERCIAL, AGE 22, 436 GRUM AMER AA1-A . PX- 0 0 0 PLEASURE/PERSONAL TRANSP TOTAL HOURS, 228 IN TYPE, TIME - UNK/NR N6356L DAMAGE-SUBSTANTIAL INSTRUMENT RATED. NAME OF AIRPORT - RIPLEY DEPARTURE POINT INTENDED DESTINATION VAN WERT,OH CELINA+OH TYPE OF ACCIDENT PHASE OF OPERATION IN FLIGHT OTHER STALL SPIN PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED MISSING AIRCRAFT - LATER RECOVERED REMARKS- PIC UN RECALL CIRCUMSTANCES PRECEDING ACDT.ACFT DSCNDD WITH LITTLE FWD SPEED WITH HI VERT SPEED.

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FILE			AIRCRAFT DATA	r r	2 11/14	PURPUSC	PILOT DATA,				
	4/10/76 N TIME - 192	R.SWEET HOME,OR O	N7075T DAMAGE-DESTROYED	CR- 1	0 0	NONCOMMERCIAL	PRIVATE, AGE 34, 121 P TOTAL HOURS, 46 IN TYPE NOT INSTRUMENT RATED.				
	DEPARTURE REDMOND	OR	INTENDED DESTINATION EUGENE.OR			OF OPERATION					
	STALL S		:			LIGHT OTHER	•				
	PILOT IN FACTOR(S)	COMMAND - CONTIN COMMAND - FAILED	UED VFR FLIGHT INTO AD TO OBTAIN/MAINTAIN FL LOST/DISORIENTED			CONDITIONS					
	WEATHER										
		- HIGH OBSTRUCTIO	NS By Flight Service Pers	ONNEL, IN	PERS						
		RECAST - FORECAST RCRAFT - LATER RE	SUBSTANTIALLY CORRECT								
		-	· .	CEILING AT ACCIDENT SITE UNKNOWN/NOT REPORTEO Precipitation at accident site Rain, snow							
	ZERO OBSTRUCTIO FOG Type of FL	NS TO VISION AT A	CCIDENT SITE	Т		, SNUW F WEATHER CONDITIONS					
	NONE		76. PLT ADVSD VFR FLT	NOT RECO	MMEND	ED. ACFT EQUIPPED WITH PA	RTIAL PANEL INST.				
-1028		R.ROSEBURG.OR O	CESSNA 1778 N10081 DAMAGE-DESTROYED			NONCOMMERCIAL PLEASURE/PERSONAL TRANS					
	DEPARTURE ROSEBURG. TYPE OF AC	OR	INTENDED DESTINATION KLAMATH FALLS+OR	PHASE OF OPERATION							
	PROBABLE C PILOT IN PILOT IN MISCELLA	AUSE(S) COMMAND - SPATIA COMMAND - EXCEED	L DISORIENTATION ED DESIGNED STRESS LIM IONS - MATERIAL FAILUR			LIGHT UNCONTROLLED DESCE					
	MISSING AI	RCRAFT - LATER RE			Y IN	ACCDT AREA. RECOVERY DATE	4/24/76.				
				PAGE 6	6						

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			BRIEF	S OF ACCI	DENTS							
FILE	DATE	LOCATION	ALRCRAFT DATA		5 11/1			PILOT DATA				
	10/9/76 TIME - 1930	HOND AIVER.OR	GLOBE GC-18 NAO419 DAMAGE-DESTROYED	CA- 1	0 0	NONCOMMERCIAL PLEASURE/PERSONAL 1		PRIVATE, AGE 35, 1000 Total Hours, 6 in Type. Instrument Rated.				
	DEPARTURE P SPOKANE,H TYPE OF ACC	DINT A	INTENDED DESTINATION VANCOUVER.WA		RICH PHASE LAND	NROUTE STOP LAND, WA OF OPERATION ING TRAFFIC PATTERN- ING FINAL APPROACH .	CIACLI	NG				
	POWERPLAN MISCELLAN PILOT IN FACTOR(S)	PROBABLE CAUSE(S) POWERPLANT - FUEL SYSTEM PUMPS MISCELLANEORS ACTS, CONDITIONS - FUEL STARVATION PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED FACTOR(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION IMPROPER MAINTENANCE (OWNER PERSONNEL) AIRFRAME - FUSELAGE OTHER										
	PERSONNEL PILOT IN COMPLETE PO MISSING AIR	- MAINTENANCE,S Command - Attemp Wer Loss - Compli Craft - Later Re	ERVICING, INSPECTION I Ted operation w/known Te engine failure/fla	DEFICIEN MEGUT-1 E	CIES I Ingine	N EQUIPMENT	IA IN TEN	ANCE PERSONNEL)				
			EBUILT ACFT.FAULTY MAG			LT INSTALLATION.NO FL	T INST	LIGHTS.NITE APCH				
1209	3/2/76 NR TIME - 2040		PIPER PA-22 N2341A DAMAGE-DESTROYED	CR- 1 PX- 0		MISCELLANEOUS Test		PRIVATE, AGE 26, 258 Total Hours, all in type Not instrument rated.				
	NAME OF AIR Departure P Liberty,tx		INTENDED DESTINATION LOCAL									
	TYPE OF ACC COLLISION	IDENT WITH GROUND/WAT	ER UNCONTROLLED	ſ		OF OPERATION ING TRAFFIC PATIERN-	CIRCLI	NG				
			IED VFR FLIGHT INTO AD DISORIENTATION	VERSEWE	THER	CONDITIONS						
	PILOT IN	LOW CEILING	JATE PREFLIGHT PREPARA	TION AND	AR PL	ANNING						
	WEATHER FOR		D OF BRIEFING RECEIVED SUBSTANTIALLY CORRECT COVERED									
	SKY CONDITI OVERCAST		· .		100	IG AT ACCIDENT SITE						
	VISIBILITY AT ACCIDENT SITE 1 MILE OR LESS OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG				NONE TYPE C							
	TYPE OF FLI NONE REMARKS- FL	GHT PLAN T TO CK RADIO MA	FUNCTION.									

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FILE	DATE	LOCATION	AIRCRAFT DATA	IN.	IUR I		FLI	 I GH T RPO SE	PILOT DATA				
	4/27/76 NR TIME - UNK/	.PAMPA,TX	TINY HAWK P6E N1KG DAMAGE-DESTROYED	CR-	1	0 0	NONCOM	MMERCIAL	PRIVATE, AGE 57, UNK/NR SP TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT				
	ENID.OK Type of Acc Engine fa	DEPARTURE POINT INTENDED DESTINATION ENID.OK AMARILLO.TX TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLISION WITH GROUND/WATER UNCONTROLLED				RATED. PHASE OF OPERATION IN FLIGHT OTHER IN FLIGHT UNCONTROLLED DESCENT							
	PILOT IN FACTOR(S) WEATHER -	T - MISCELLANEN COMMAND - SPATI LOW CEILING	US POWERPLANT FAILURE AL DISORIENTATION	FOR UNDETERMINED REASONS									
	WEATHER - COMPLETE PO WEATHER BRI WEATHER FOR MISSING AIR	WEATHER - RAIN WEATHER - FOG COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLA WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED WEATHER FORECAST - UNKNOWN/NOT REPORTED MISSING AIRCRAFT - LATER RECOVERED EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRP											
	MISSING AIRCRAFT - LATER RECOVERED EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRP SKY CONDITION UNKNOWN/NOT REPORTED VISIBILITY AT ACCIDENT SITE UNKNOWN/NOT REPORTED OBSTRUCTIONS TO VISION AT ACCIDENT SITE GROUND FOG TYPE OF FLIGHT PLAN				CEILING AT ACCIDENT SITE UNKNOWN/NOT REPORTED PRECIPITATION AT ACCIDENT SITE RAIN TYPE OF WEATHER CONDITIONS IFR								
	NONE		N FOUND. RECOVERY DATE	5/5/76.	. 14	4PAC TI	D IN NF	R VERTICAL ATTITU	DE,NO PROP ROTATION.				
				PAG <u>e</u>	66	3							
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FILE	DATE	LOCATION	AIRCRAFT DATA			S M	N	PÜRPOSE	PILOI DATA
3-4164	TIME - 2200		CESSNA 172M N21496 DAMAGE-DESTROYED		-	0	0		
		INT TX	INTENDED DESTINATION BYERS.TX						
	TYPE OF ACCI	DENT			ρ	HAS	ΞO	F OPERATION	
	COLLISION	WITH GROUND/WAT	ER UNCONTROLLED			IN	FL	IGHT UNCONTROLLED DE	SCENT
	FACTORIS) WEATHER - LOW CEILING WEATHER - FOG WEATHER BRIEFING - BRIEFED BY FLIGHT SFRVICE PERSON WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT MISSING AIRCRAFT - LATER RECOVERED						010		
	SKY CONDITIO	N			C	EIL: 10		AT ACCIDENT SITE	
	OVERCAST								
		T ACCIDENT SITE			P		PI	TATION AT ACCIDENT SI	TE
	VISIBILITY A 3 MILES OR				-	REC	P I IE	TATION AT ACCIDENT SI TURE-F	TE

ARIEFS OF ACCIDENTS

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BRIFFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DAT	A		IRTES S M		FL IGHT PURPOSE		PILOT DA	ΔΤΔ
3-1900	TIME - 21 DEPARTURE	ΡΩΙΝΤ	PIPER PA-22 N29747 DAMAGE-DESTROY INTENDED DESTINAT	FD I				NINCOMMERCIAL PLEASIIRF/PERSIINAI		STUDENT, AGF 30 HOURS, 56 IN TY INSTRUMENT RATE	PE. NOT
	CLEBURN		MORTON, TX								
	TYPE OF A		LOUT					OPERATION			4
	AIRFRAM	E FAILURE IN FL	1641			14	FL10	SHT OTHER			•
	PILOT I MISCELL FACTOR(S) WEATHER MISCELL WEATHER R WEATHER F	N COMMAND - CONT N COMMAND - EXCE ANFOUS ACTS,COND - THUNDERSTORM ANEOUS ACTS,COND RIEFING - BRIEFE	ITIONS - SEPARATION D BY FLIGHT SERVICE ST SUBSTANTIALLY COR	LIMITS ILURE IN FLIC PFRSON	S OF A	IRCR	AF T	NO [1] DN 5			
	UNKNOWN OBSTRUCTI NONE		ACCIDENT SITE			UNI PREC THI TEMPI 73	(NOWN IPITA INDER ERATI	AT ACCIDENT SITE N/NOT REPORTED ATION AT ACCIDENT RSTORM, RAIN JRE-F FLIGHT PLAN	SITE		
	IFR		RECOVERY DATE 7/6/76	•		NO					
				-							

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FILE	DATE	LOCATION	AIRCRAFT DATA	F	S M/N	PURPOSE		PILOT DATA					
	10/15/76 NR.5 TIME - 1430		BELLANCA 17-30	CR-	1 0 0	NONCOMMERCIAL		PRIVATE, AGE 38, 125 TOTAL HOURS, ALL IN TYPE NOT INSTRUMENT RATED.					
	DEPARTURE PO	INT	INTENDED DESTINATION										
	MCALLEN,TX		GATESVILLE.TX										
	TYPE OF ACCI	DENT			PHASE (OF OPERATION							
	COLLISION	ITH GROUND/WA	FER UNCONTROLLED		IN FI	LIGHT UNCONTRO	LLED DESCEN	T					
			TED OPERATION BEYOND E	SE WEATHER CONDITIONS WRES, DIRECTIVES, ETC.									
	PILOT IN CO PILOT IN CO FACTOR(S) WEATHER - I WEATHER - I WEATHER ARIEO WEATHER FOREO MISSING AIRCO	DMMAND - FAILED DMMAND - SPATI LOW CEILING RAIN FOG TING - BRIEFED CAST - FORECAS RAFT - LATER RE	NUED VFR FLIGHT INTO AD D TO FOLLOW APPROVED PR AL DISORIENTATION BY FLIGHT SERVICE PFRS T SUBSTANTIALLY CORRECT	VERSE W NCEDURE	EATHER (S.DIREC BY PHONE	CONDITIONS TIVES.ETC.	1.75						
	PILOT IN CO PILOT IN CO FACTOR(S) WEATHER - I WEATHER - I WEATHER ARIEN WEATHER BRIEN WEATHER BRIEN WEATHER FORE MISSING AIRCO SKY CONDITION	DMMAND - FAILED DMMAND - SPATI LOW CEILING RAIN FOG TING - BRIEFED CAST - FORECAS RAFT - LATER RE	NUED VFR FLIGHT INTO AD D TO FOLLOW APPROVED PR AL DISORIENTATION BY FLIGHT SERVICE PFRS T SUBSTANTIALLY CORRECT	VERSE W NCEDURE	EATHER (S.DIREC BY PHONE CEILING	TIVES.ETC.	I TE						
	PILOT IN C PILOT IN C FACTOR(S) WEATHER - 1 WEATHER - 1 WEATHER RTIEL WEATHER RTIEL WEATHER FORE MISSING AIRCE SKY CONDITION OVERCAST	DMMAND - FAILEI DMMAND - SPATI LOW CEILING Rain Fog - Briefed Cast - Forecas Raft - Later Ri	NUED VER FLIGHT INTO AD D TO FOLLOW APPROVED PR AL DISORIENTATION BY FLIGHT SERVICE PERS I SUBSTANTIALLY CORRECT COVERED	VERSE W NCEDURE	CEILING 1800	TIVES.ETC.							
	PILOT IN C PILOT IN C FACTOR(S) WEATHER - 1 WEATHER - 1 WEATHER RTIEL WEATHER RTIEL WEATHER FORE MISSING AIRCE SKY CONDITION OVERCAST	DMMAND - FAILED DMMAND - SPATI LOW CEILING FOG FOG - BRIEFED CAST - FORECAS RAFT - LATER RI N F ACCIDENT SITI	NUED VER FLIGHT INTO AD D TO FOLLOW APPROVED PR AL DISORIENTATION BY FLIGHT SERVICE PERS I SUBSTANTIALLY CORRECT COVERED	VERSE W NCEDURE	CEILING PRECIPI	TIVESTETC.							
	PILOT IN CO PILOT IN CO PILOT IN CO PILOT IN CO FACTOR(S) WEATHER - I WEATHER ATHER ATHER WEATHER FOREO MISSING AIRCO SKY CONDITION OVERCAST VISIBILITY A 3/4 MILE OU	DMMAND - FAILED DMMAND - SPATI LOW CEILING FOG FOG - BRIEFED CAST - FORECAS RAFT - LATER RI N F ACCIDENT SITI	NUED VER FLIGHT INTO AD D TO FOLLOW APPROVED PR AL DISORIENTATION BY FLIGHT SERVICE PERS I SUBSTANTIALLY CORRECT COVERED	VERSE W NCEDURE	CEILING PRECIPI	TIVES.ETC.							
	PILOT IN CO PILOT IN CO PILOT IN CO PACTOR(S) WEATHER - 10 WEATHER ARIEN WEATHER ARIEN WEATHER FORE MISSING AIRCO OVERCAST VISIBILITY AT 3/4 WILE OD ORSTRUCTIONS FOG WIND DIRECTION	DMMAND - FAILED DMMAND - SPATI LOW CEILING RAIN FOG - BRIEFED CAST - FORECAS RAFT - LATER RE A F ACCIDENT SITE R LESS TO VISION AT A	NUED VER FLIGHT INTO AD D TO FOLLOW APPROVED PR AL DISORIENTATION BY FLIGHT SERVICE PERS I SUBSTANTIALLY CORRECT COVERED	VERSE W NCEDURE	EATHER (S, DIREC BY PHONE 1800 PRECIPI RAIN TEMPER/ 63 WIND VE	TIVES.ETC.							
	PILOT IN CO PILOT	DMMAND - FAILED DMMAND - SPATI LOW CEILING RAIN FOG - BRIEFED CAST - FORECAS RAFT - LATER RE A F ACCIDENT SITE R LESS TO VISION AT A	NUED VER FLIGHT INTO AD D TO FOLLOW APPROVED PR AL DISORIENTATION BY FLIGHT SERVICE PERS I SUBSTANTIALLY CORRECT COVERED	VERSE W NCEDURE	EATHER (S. DIREC BY PHONE DRECIPI RAIN TEMPER/ 63 WIND VE 9	CONDITIONS TIVES.ETC. AT ACCIDENT S TATION AT ACCI SHOWERS ATURE-F							

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FILE	DATE LOCATION	AIRCRAFT DATA	INJURIES FLIGHT F S M/N PURPOSE	PILOT DATA
	1/3/76 NR.IBAPAH,UT TIME - 1700	PIPER PA-28. N44600 Damage-destroyed	CR- 1 0 0 NONCOMMERCIAL PX- 2 0 0 AUSINESS	COMMERCIAL, FL.INSTR., AGE 59, 20090 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT BATTLE MOUNTAIN,NV Type of accident Collision with ground/	INTENDED DESTINATION Albuquerque.nm Water Controlled	LAST ENROUTE STOP MILFORD.UT PHASE OF OPERATION IN FLIGHT NORMAL CRUISE	1
	PILOT IN COMMAND - IMP FACTOR(S) WEATHER - LOW CEILING WEATHER - SNOW	TINUED VFR FLIGHT INTO AD ROPER IN-FLIGHT DECISIONS IONS-INCLUDES SLEET,FREEZ	DR PLANNING	
		ED BY FLIGHT SERVICE PERS	DNNEL, BY RADIO	
	SKY CONDITION Obscuration Visibility at accident s Zero	ITF	CEILING AT ACCIDENT SITE INKKNOWN/NOT REPORTED PRECIPITATION AT ACCIDENT SITE SNOW	
	ORSTRUCTIONS TO VISION A UNKNOWN/NOT REPORTED Type of flight plan None	T ACCIDENT SITE	TYPE OF WEATHER CONDITIONS IFR	
	REMARKS- ACFT RECOVERED	1/5/76. HIT OBSCURED MTN	SLOPE.	
-0851	2/13/76 NR.HYRUM,UT TIME - 1630 DEPARTURE POINT WEST JORDAN,UT TYPE OF ACCIDENT COLLISION WITH GROUND/	GRUM AMER AA-5 N1357R DAMAGE-DESTROYFD INTENDED DESTINATION RETURN WATER CONTROLLED	CR- 1 0 0 NONCOMMERCIAL PX- 3 0 0 PLEASURE/PERSONAL TRANSP LAST ENROUTE STOP LOGAN,UT PHASE OF OPERATION IN FLIGHT NORMAL CRUISE	PRIVATE, AGE 19, 81 TOTA HOURS, 61 IN TYPE, NOT INSTRUMENT RATED.
		RECOVERED	CANYON	

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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M	FLIGHT N PURPOSE		PILOT DATA			
	6/29/76 NR.KA TIME - 1530	MASUUT	STINSAN 108-2 NB015K DAMAGE-DESTROYED	CR- 1 0 PX- 3 0	0 NONCOMMERCIAL 0 PLEASURE/PERS	ONAL TRANSP	PRIVATE, AGE 43, 520 TUTAL HOURS, 328 IN TYPE NOT INSTRUMENT RATED.			
	DEPARTURE POIN	т	INTENDED DESTINATION	LAST	ENROUTE STOP					
	SACRAMENTO,C	A	SCOTTSALUFF .NE	000	EN.UT					
	TYPE OF ACCIDE	NT		PHASI	OF OPERATION					
	COLLIDED WIT	H TREES		IN	FLIGHT OTHER					
	PILOT IN COM	MAND - IMPRO	PER IN-FLIGHT DECISIONS ISED POOR JUDGMENT	OR PLANNING						
	FACTORIS) WEATHER - HI	CH DENSITY A	TITUDE							
		-		ED ATRCRAFT-	EIGHT-AND/OR C.G	_				
	MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G. WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNFL, BY PHONE									
	WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT									
	MISSING AIRCRA	FT - LATER R	ECOVERED							
	SKY CONDITION		•	CEIL	NG AT ACCIDENT S	1 TE				
	SCATTERED				IMITED					
	VISIBILITY AT 5 OR OVER(UN		E	PRECI	PITATION AT ACCE	DENT SITE				
	OBSTRUCTIONS T		ACCIDENT SITE	_	RATURE-F					
	TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN									
	VFR VFR									
	REMARKS- DA 12	• 300F T • RECOV	ERY DATE 7/24/76.							
-1909	7/8/76 NR.HE	BED CITY.UT	SCHWEIZER SGU222	(Pm) 0			STUDENT, AGE 25, 12 TOTAL			
• • • • •	TIME - 1830		N2769R DAMAGE-DESTROYED				HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.			
	DEPARTURE POIN	т	INTENDED DESTINATION		1. C.		• • • • • • • • • • • • • • • •			
	HEBER CITY.UT		LDCAL							
	TYPE OF ACCIDE	NT		PHAS	OF OPERATION					
	COLLIDED WIT	H TREES		IN	FLIGHT NORMAL C	RUISE				
	PILOT IN COM FACTORIS)	MAND - IMPRO MAND - MISJU	PER IN-FLIGHT DECISIONS DGED CLEARANCE	OR PLANNING						
	TERRAIN - HIGH OBSTRUCTIONS									
	MISSING AIRCRAFT - LATER RECOVERED REMARKS- WHEEL EOPD.RECOVERY DATE 7/9/76.									

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/M	FL]GHT N PURPOSE	PILOT DATA
	8/4/76 TIME - 17 Departure Lewiston Type of A	POINT I	NAVION A N313L DAMAGE-DESTROYED NTENDED DESTINATION SILVERDALE,WA	PX- 0 0 C LAST E ELLE PHASE) NONCOMMERCIAL D PLEASURE/PERSONAL T ENROUTE STOP ENSBURG.WA OF OPERATION SLIGHT NORMAL CRUISE	PRIVATE, AGE 43, 320 RANSP TOTAL HOURS, 49 IN TYPE, NOT INSTRUMENT RATED.
	PILOT I MISCELL FACTOR(S) WEATHER TERRAIN MISCELL WEATHER B WEATHER FI	N COMMAND - CONTINUE N COMMAND - INCAPACI ANEOUS ACTS,CONDITIO - LOW CEILING - FOG - HIGH OBSTRUCTIONS ANEOUS ACTS,CONDITIO RIEFING - BRIEFED BY	NS - PILOT SUFFERED I NS - PILOT FATIGUE Flight service persu Ubstantially correct	HEART ATTACK		
	SKY CONDI OBSCHRA VISIBILIT 1/4 MILL OBSTRUCTI FOG WIND DIRE 240 IYPE OF W IFR	TION TION Y AT ACCIDENT SITE E OR LESS ONS TO VISION AT ACC CTION-DEGREES EATHER CONDITIONS	IDENT SITE	100 PRECI NONE TEMPER 50 WIND V 12 TYPE (NONE	RATURE-F Velocity-knots DF Flight Plan	
	REMARKS-	LAULIUNED THAT WX WA	S NUT ADEQUATE FUR VI	PAGE 74	IN PASSES.WRECKAGE LOC	ATEU 8/6//0.
					- X	

	_		ARIEFS	OF	ACCI	DEN	TS		
FILE	DATE	LOCATION	AIRCRAFT DATA	-	F	S H	/N	FLIGHT PURPOSE	PILAT DATA
3-2458	8/11/76 TIME - 1	NR.ENUMCLAW,WA	CESSNA 172N N200A3 Damage-destroyed Intended destination	CR-	1	0	0	NONCOMMERCIAL	PRIVATE, AGE 47, 152 P TOTAL HOURS, 115 IN TYPE, NOT INSTRUMENT RATED.
	SEATTL TYPE OF STALL		LOCAL					NF OPERATION LIGHT NTHER	
	PILOT FACTORIS MISCELI WEATHE WEATHER WEATHER) LANEDUS ACTS.COND) R - LOW CEILING		•		D			
			E			40 REC	00 191	ITATION AT ACCIDENT SITE	
		ACCIDENT SITE		1			A TURE-F		
	WIND DIRECTION-DEGREES VIND VELOCITY-KNOTS								
	TYPE OF VFR	WEATHER CONDITIONS	i		1	IYPE NO		F FLIGHT PLAN	
	•	ER IMPACT UNABLE TO CONTIN	IE DUE TO LOW CLOUDS+ATTE	MPTI	NG 1	URN	AR	NUND.WRECKAGE LOCATED 8/14	4/76.

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			RRIFFS	OF ACCIDE	VIS		
FIIF		LOCATION	AIRCRAFT DATA	INJURTE F S	-	FEIGHT PURPOSE	ΡΙΙ.ΟΤ.ΟΔΤΑ
	R/24/76 NO.P TIME - 2059 DEPARTHRE POINT BREWSTER.WA TYPE OF ACCIDEN	ONNEVILLE.WA I T	PIPER PA-28 N9154) DAMAGE-DESTROYED NTENDED DESTINATION HILLSBORD+04	РХ- 0 0 РНА	0 5E 0	NONCOMMERCIAI PLEASUREZPERSUNAL TRANSF - OPERATION	PRIVATE, AGE 28, 55 TOTA HOURS, UNK/NR IN TYPE, NUT INSTRUMENT RATED.
	PROBABLE CAUSE PILOT IN COMM PILOT IN COMM FACTOR(S) WEATHER - LOW WEATHER - LOW WEATHER - RAI WEATHER - FOO TERRAIN - HIG WEATHER BRIFFIN WEATHER BR	AND - ATTEMPTE AND - IMPROPE CEILING N H OBSTRUCTIONS G - BRIFFED BY T - FORECAST S T - LATER RECO CCIDENT SITE SS	D OPERATION BEYOND EX N-FLIGHT DECISIONS FLIGHT SERVICE PERSO WRSTANTIALLY CORRECT WERED	PERTENCE/AI OR PLANNIN Innel, by PI CFT 21 PRE 8		AT ACCIDENT SITE	•
	ORSTRUCTIONS TO FOG WIND DIRECTION- 340 Type of Weather VFR	DEGREES	.IDENT STIE	6 M I N 8 T Y P	D VE	TURE-F LUCITY-KNOTS FLIGHT PLAN	
-3283	9/21/76 NR.ARE TIME - 2142 NAME OF AIRPORT DEPARTURE POINT	- KITSAP COU	RELLANCA 17-31 N7387V Damage-Shrstantial ITY Ntended Destination	-		NONCOMMERCIAL PLEASURE/PERSONAL TRANSF	PRIVATE, AGE 38, 212 101AL HUURS, 5 IN TYPE, NUT INSTRUMENT RATED.
	HAYWARD,CA Type of acciden	T E OR MALFUNCT	BREMERTON . WA	L	ANI)I	F NPERATION NG INITIAL APPROACH NG FINAL APPROACH	
	MISCELLANEOUS TERRAIN - HIG FACTOR(S) PILOT IN COMM COMPLETE POWER MISSING AIRCRAF	AND - MISMANAG ACTS,CONDITIC H OBSTRUCTIONS AND - ATTEMPTE LOSS - COMPLET T - LATER RECC	ED OPERATION BEYOND EX TE ENGINE FAILURF/FLAM	ENUT-1 ENG		TY LEVEL	

BRIEFS OF ACCIDENTS

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			ARIEF	S OF A	C C I	DEN	TS		
FILE		LOCATION	AIRCRAFT DATA	IN	F	S M	/N	FLIGHT PURPOSE	PILOT DATA
		NR.CLOVER LICK,WV	PIPER PA-39 NBB5BY DAMAGE-DESTROYED	CR-	1	0	0	NONCOMMERCIAL	
			INTENDED DESTINATION						
		-VA	PITISHIRG, PA				г о		
	TYPE OF A COLLISI	·	RUNCONTROLLED					F OPERATION IGHT OTHER	
	MISCELL FACTOR(S) WEATHER WEATHER B WEATHER F MISSING A	ANEOUS ACTS.CONDIT - ICING CONDITIONS RIEFING - BRIEFED P ORECAST - FORECAST IRCRAFT - LATER REC	S-INCLUDES SLEET.FREEZ BY FLIGHT SERVICE PFRS SUBSTANTIALLY CORRECT	ING RA	IN . IN	E TC PE	R SO	N	
	SKY CONDI OVERCAS		C			AT ACCIDENT SITE WN/NOT REPORTED			
	VISIBILIT UNKNOWN	PRECIPITATION AT ACCIDENT SITE							
	OR STRUCTI UNKNOWN		T	YPE 1F		WEATHER CONDITIONS			
		LIGHT PLAN				••			
	•	RECOVERED 1/29/76.							

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		N AIRCRAFT DATA	F S M	/N	PURPOSE	PILO	Τ ΔΑΤΑ
	3/20/76 NR.LUSK,WY TIME - 1000		CR- 1 0	0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 41, 304 20 IN TYPE, RATED.	TOTAL HOURS,
	DEPARTURE POINT	INTENDED DESTINATION					
	SHERIDAN.WY Type of accident	GOODLAND,KS	рнас	F O	F OPERATION		
		D/WATER UNCONTROLLED			IGHT UNCONTROLLED DESCEN	т	
	PILOT IN COMMAND - I MISCELLANEOHS ACTS.C FACTOR(S) WEATHER - SNOW WEATHER - ICING COND WEATHER - TURBULENCE WEATHER - LOW CEILIN MISCELLANEOHS ACTS.C WEATHER BRIEFING - BRI	DNDITIONS - DISREGARD OF GO EFED BY FLIGHT SERVICE PERS THER CONSIDERABLY WORSE THA ER RECOVERED	DR PLANNING ING RAIN,ETC R THUNDERSTO OD OPERATING ONNEL, IN PE N FORECAST	RMS PR RSO ING KNO IPI	ACTICE		
	OBSTRUCTIONS TO VISION BLOWING SNOW Type of flight plan VFR Fire After Impact	AT ACCIDENT SITE 3/21/76, ACFT NOT EQUIPPED	TYPE IF	OF R	WEATHER CONDITIONS G/DE-ICING SYS. FREEZING	LVL AT GRND L	/
-1916	7/25/76 NR.CADY.WY	AERO COMOR 560F	(8- 1 0	0	NONCOMMERCIAL	PRIVATE, AG	F 45, 2464
-1910	TIME - 1030	N2244S DAMAGE-DESTROYED			PLEASURE/PERSONAL TRANSP		. 900 IN TYPE.
	DEPARTURE POINT CODY.WY Type of accident Collided with trees	INTENDED DESTINATION SPOKANE, WN	UNK PHAS	NOW E O	ROUTE STOP N/NOT REPORTED F OPERATION IGHT LOW PASS	JNSTROHENT	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
	PILOT IN COMMAND - M	NNDITIONS - UNWARRANTED LOW UCTIONS ER RECOVERED	FLYING				
	REMARKS- RECOVERY DATE	7/26/76.					
	REMARKS- RECOVERY DATE	7/26/76.					

199. 27 199 198. 22 100 NTSB AMM 78-7 1976 Missing and Missing Later Reconvered Aircraft

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FILE	DATE	LOCATION	AIRCRAFT DATA	-	F	SM	/N			PILOT DATA
3-3833		R.SHERIDAN, WY	CESSNA 120	CR-	1	0	0	NONCOMMERCIAL		COMMERCIAL, FL.INSTR., AGE 25, 948 TOTAL HOURS UNK/NR IN TYPE, INSTRU- MENT RATED.
	DEPARTURE P		TENDED DESTINATION	1						
	SHERIDAN		SHER I DAN . WY					_		
	TYPE OF ACC				P			FOPERATION		
	COLLISIO	N WITH GROUND/WATER	CONTROLLED			IN	FL	IGHT LOW PASS		
	FACTORIS) WEATHER WEATHER WEATHER BR	AUSE(S) Command - Misjudger - Turbulence in Flic - Downdraft.updraft Lefing - No Record C Rcraft - Later Recov	GHT.CLEAR AIR G If Briefing Receive	N						
	SKY CONDIT				C			AT ACCIDENT SITE		
		AT ACCIDENT SITE						ITED TATION AT ACCIDENT	C 1 T C	
		RIUNLIMITED)				NO	-	TATION AT ACCIDENT	3110	
		NS TO VISION AT ACCI	DENT SITE		1			TURE-F		
	NONE					46		· · · · · •		
	WIND DIRECT	TION-DEGREES				I I NO	VE	LOCITY-KNOTS		
	230					7				
	TYPE OF WEA		1	TYPE	0F	FLIGHT PLAN				
	VFR					NO	NE			
	REMARKS- RI	ECOVERY DATE 12/13/7	16.							

BY THE NATIONAL TRANSPORTATION SAFETY BOARD

/s/	JAMES B. KING Chairman
/s/	FRANCIS H. MCADAMS Member
/8/	PHILIP A. HOGUE
/s/	ELWOOD T. DRIVER

April 13, 1978





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