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	ontains reports of commuter ai	
	occurred in 1979. Included ar	
and 173 on-demand air t	axi accident briefs. The brie	f format presents the facts,
conditions, circumstance	es and probable cause(s) for e	ach accident. Additional
statistical information	is tabulated by type of opera	tion, injuries, aircraft
annually.	d related factor(s). This publ	ication will be published
amually.		
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#### FOREWORD

This report contains aircraft accident information involving CFR 14 Part 135 air taxi operations. It is divided into three parts as follow:

Part 1 - All Air Taxi accidents Part 2 - Commuter Air Carrier accidents Part 3 - On-Demand Air Taxi accidents

Each part contains statistical tables which tabulate and summarize selected accident information, such as accident types, operational phases, injuries, causes and related factors, and types of operation. In addition parts 2 and 3 contain accident listings in file order sequence and Briefs of Accidents in sequence by state and date of occurrence.

The accident rates per 100,000 hours flown for Commuter Air Carriers, On-Demand Air Taxi, and all Air Taxi accidents are as follows:

	Acciden	ts	Hours	Per		nt Rates Hours Flown
	Total	Fata1	Flown		<u>Total</u>	Fatal
Commuters	50(36)	13(11)	1,198,724 <u>1</u> /		3.00	0.92
On-Demand	173	36	3,373,901 <u>2/</u>		5.13	1.07
All Air Taxi	223	49	4,572,625 <u>3/</u>		4.88	1.07

- 1/ Source: Civil Aeronautics Board. This exposure data is reported quarterly to the CAB on CAB Form 298-C, Schedule A-1, and includes hours flown, miles flown, departures, and passenger miles flown. Rates, therefore, exclude accidents involving operators not reporting traffic data to CAB. Accidents/ fatalities used in rate computation shown in parenthesis. Operators not reporting traffic data to CAB are identified by an asterisk (\*) on pages 19-21, Listing of Commuter Air Carrier Accidents.
- 2/ This figure is an estimate of the On-Demand Air Taxi hours flown. It was derived by subtracting the Commuter Air Carrier hours flown, as reported by the CAB, from the total Air Taxi hours flown, as reported by the FAA.
- 3/ Source: Federal Aviation Administration

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

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

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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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NATIONAL TRANSPORTATION SAFETY BOARD Public Inquiries Section (AD-46) Washington, D.C. 20594

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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 30 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.

#### DEFINITIONS

#### Commuter Air Carrier

As defined in CFR 14, Part 298, paragraph 298.2 (f), a commuter air carrier is an air taxi operator which (1) performs at least five round trips per week between two or more points and publishes flight schedules which specify the times, days of the week and places between which such flights are performed, or (2) transport mail by air pursuant to contract with the United States Postal Service.

#### On-Demand Air Taxi Operation

Any CFR 14, Part 135 nonscheduled air taxi operation.

#### All Revenue Operations

The carrying of persons, property or mail for compensation during commuter air carrier operations. Non revenue operations such as training ferry flights are not included.

#### All Passenger Operations

The carrying of persons for compensation during commuter air carrier operations. Flights carrying property or mail in addition to revenue passengers are considered passenger operations.

#### All Cargo Operations

The carrying of property for compensation during commuter air carrier operations. Flights carrying both property and mail will be considered cargo operations.

#### All Mail Operations

Flights conducted exclusively for the transport of U.S. mail. These flights are conducted pursuant to a current contract with the U.S. Postal Service.

#### 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.

#### 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		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.

#### LIST OF ABBREVIATIONS USED IN BRIEFS

**ABBREVIATION** 

#### MEANING

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 /E XEC CR-CTR CARGO-D CTR CARGO-I CTR PASSG-D CTR PASSG-I LAST ENROUTE STOP MAPPING/PHOTO MIL CONTRACT CARGO INTL MIL CONTRACT PASS6 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-PARA JUMP PRIVATE .FL.INST R. P X-RADAR CTL/SURVEILLANCE SCHED CARGO SRV SCHED DON CARGO SRV SCHED DOM PASSG SRV SCHED INTERNATL CARGO SRV SCHED INTERNATL PASSG SRV SCHED PASSG SRV S-D S- I UNK/NR

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-PASS ENGER-DOME STIC CONTRACT/ CHARTER-PASS ENGER-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/ CHARTER REVENUE CARGO- INTRA- STATE NONSCHEDULED/CHARTER REVENUE PASSENGER-INTRA-STATE NONSCHEDULED/CHARTER 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

PART 1

ALL AIR TAXI ACCIDENTS

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# Air Taxi Accidents U.S. General Aviation 1970-1979

Year	Air Taxi Hours Flown 1/	Total Accidents	Total Accident Rate 2/	Fatal Accidents	Fatal Accident Rate 2/	Fatalities
			14.00 =/		1400 27	
1970	2,481,000	190	7.66	38	1.53	100
1971	2,225,000	148	6.65	33	1.48	109
1972	2,555,000	147	5.75	42	1.64	121
1973	3,066,200	165	5.38	44	1.44	113
1974	3,639,500	191	5.25	40	1.10	111
1975	3,688,300	203	5.50	37	1.00	98
1976	3,946,800	188	4.76	47	1.19	133
1977	4,207,400	217	5.16	44	1.05	155
1978	4,423,601	271	6.13	70	1.58	207
1979	4,572,625	223	4.88	49	1.07	148

1/ Source: Federal Aviation Administration

2/ Accident Rates per 100,000 hours flown.

#### ACCIDENTS, INJURIES AIR TAXI - ALL OPERATIONS

#### U.S. GENERAL AVIATION 1979

<b>`</b>		•	INJURIES			
FATAL	SERIOUS	MINOR	NONE	UNKNOWN		TOTAL
43	20	26	135			224
10	4	1. 1	24			39 1
			3			3
1 90	1 45	2 59	.2 284	· · · · · · · · · · · · · · · · · · ·		6 478
144	70	89	448		ABOARD	751
3			6			. 9
1	3	3	4		-	11
148	73	92	458			771
						v
	43 10 1 90 144 3 1	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	FATAL         SERIOUS         MINOR           43         20         26           10         4         1           1         1         2           90         45         59           144         70         89           3         3         3           1         3         3	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	FATAL         SERIOUS         MINOR         NONE         UNKNOWN $43$ $20$ $26$ $135$ 10         4         1 $24$ $10$ $4$ $1$ $24$ 1 $3$ $3$ $1$ $1$ $22$ $26$ $135$ $32$ $32$ $10$ $4$ $1$ $24$ $1$ $32$ $32$ $10$ $45$ $59$ $284$ $3284$ $3284$ $3389$ $4488$ $144$ $70$ $89$ $448$ $448$ $33$ $3$ $4$	FATAL         SERIOUS         MINOR         NONE         UNKNOWN           43         20         26         135           10         4         1         24           1         1         24           1         1         24           1         1         24           1         1         24           1         1         24           1         1         24           1         1         24           1         1         24           1         1         2           90         45         59         284           144         70         89         448         ABOARD           3         3         3         4

INVOLVES 223 IUTAL ACCIDENTS INVOLVES 49 FATAL ACCIDENTS

\* INJURIES CARRIED OPPOSITE OTHER-AIRCRAFT ARE INJURIES OCCURRING IN AIRCRAFT THAT ARE NOT PART OF THIS SUBJECT TABULATION, BUT WERE PART OF THE TOTAL INJURIES INVOLVED IN COLLISIONS BETWEEN AIRCRAFT.

#### TYPE OF OPERATION BY INJURY INDEX

# INJURY INDEX

	48.	A Let	005	40° 0°	<b>φ</b>		<b>`</b>			ACCIDENT	
PE OF OPERATION	<u> </u>			<u> </u>					RECORDS	ACCIDENT	TS PERCEN
											÷ .
SCHEDULED DOMESTIC PASSG.SVC	11	5	5	9					30	30	13.39
SCHEDULED INTL PASSG SERVICE										,	
SCHEDULED DOMESTIC CARGO SVC	2	3	.3	12					20	20	8.93
SCHEDULED INTL CARGO SERVICE											
CHARTER-PASSENGER-DOMESTIC	22	11	11	60					104	104	46.43
CHARTER-CARGO-DOMESTIC	6	4	10	25					- 45	45	20.09
MIL CONTRACT-PASSG-DOMESTIC											
MIL CONTRACT-CARGO-DOMESTIC				1					1	1	.45
TEST											
TRAINING											
FERRY-DOMESTIC	4	3		3					10	10	4.46
COMPANY FLIGHT											
CHARTER-PAS&G-INTL											
CHARTER-CARGO-INTL											
MIL CONTRACT-PASSG-INTL											
MIL CONTRACT-CARGO-INTL											· · · ·
FERRY-INTERNATIONAL	1			1					2	2	.89
OTHER	3	1	2	. 6					12	• 11	5.36
OTHER					•						
REGORDS	49	27	31	117					224		
ACCIDENTS	49	27	31	116		•	•	• •		223	
PERCENTS	.0 21.9.1	2.1	13.8	52.2	.0 .0						

# Injuries By Type Of Operations Air Taxi Accidents - All Operations U.S. General Aviation 1979

Type of Operation	<u>Fatal</u>	Serious	Minor	None	<u>Total</u>
Scheduled Domestic Passenger Service	60	33	27	119	239
Scheduled Domestic Cargo Service	3	4	4	20	31
Nonscheduled Domestic Passenger Service	69	28	26	275	398
Nonscheduled Domestic Cargo Service	16	8	35	44	103
TOTAL	148	73	92	458	771

#### TYPE OF OPERATION BY AIRCRAFT WEIGHT

PERCENT

	AIRCRAFT WEIGHT	
	01 40 10 10 10 10 10 10 10 10 10 10 10 10 10	
TYPE OF OPERATION		
		RECORDS ACCIDENTS PERC
SCHEDULED DOMESTIC PASSG.SVC	5 23 2	30 30 13.39
SCHEDULED INTL PASSG SERVICE		· · · · · ·
SCHEDULED DOMESTIC CARGO SVC	6 14	20 20 8.93
SCHEDULED INTL CARGO SERVICE		
CHARTER-PASSENGER-DOMESTIC	77 26. 1	104 104 46.43
CHARTER-CARGO-DOMESTIC	27 15 3	45 45 20.09
MIL CONTRACT-PASSG-DOMESTIC		
MIL CONTRACT-CARGO-DOMESTIC	1	1 1 .45
TEST		
TRAINING		
FERRY-DOMESTIC	8 1 1	10 10 4.46
COMPANY FLIGHT		
CHARTER-PASSG-INTL		
CHARTER-CARGO-INTL		
MIL CONTRACT-PASSG-INTL		
MIL CONTRACT-CARGO-INTL		
FERRY-INTERNATIONAL	1 · 1	2 2 .89
OTHER	2 10	12 , 11 5.36
RECORDS	126 91 7	224
ACCIDENTS	126 90 7	223
PERÇENTS	56.3 40.6 3.1	· · ·

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PART 2

COMMUTER AIR CARRIER ACCIDENTS

#### Accidents, Fatalities and Rates Commuter Air Carriers 1979

	All Revenue Operations	Passenger	All Cargo/Mail
Accidents Total Fatal	50(36) 13(11)	30(27) 11(10)	20(9) 2(1)
Fatalities Passenger Crew Others	49 14 0	49 11 0	0 3 0
Total	63	<u>60</u>	3
Aircraft Hours Flown	1,198,724	1,108,052	90,672
Aircraft Miles Flown(000)	197,686	184 <b>,0</b> 11	13,675
Revenue Passenger Miles Flown(000)	N/A	1,308,466	87,750
Departures	1,926,026	1,828,942	97,084
Accident Rate Per 100,000 Hours Flown 1/			
Total Fatal	3.00 0.92	2.44 0.90	9.93 1.10
Accident Rate Per <u>Million Miles Flown</u> 1/	• • •	0.15	
Total Fatal Accident Rate Per	0.18 0.06	0.15 0.05	0.66 0.07
100,000 Departures 1/ Total	1.87	1.48	9.27
Fatal Passenger Fatality Rate	0.57	0.55	1.03
Per 100 Million Passenger Miles 1/	N/A	3.74	N/A

1/ Rates exclude accidents involving operators not reporting traffic data to CAB. Accidents/ fatalities used in rate computation shown in parenthesis. Operators not reporting traffic data to CAB are identified by an asterisk (\*) on pages 19-21, Listing of Commuter Air Carrier Accidents.

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#### ACCIDENTS, INJURIES COMMUTER AIR CARRIER OPERATIONS

#### U.S. GENERAL AVIATION 1979

	INJURIES								
	FATAL	SERIOUS	MINOR	NONE	UNKNOWN		TOTAL		
PILOT	9	 9	5	 27			- <b></b> 50		
COPILOT DUAL STUDENT CHECK PILOT FLIGHT ENGINEER NAVIGATOR	5	1		12			18		
CABIN ATTENDANT				2			2		
EXTRA CREW			2				2 2		
PASSENGERS	49	26	23	93			191		
TOTAL	63	36	30	134	· .	ABOARD	263		
★ OTHER AIRCRAFT OTHER GROUND		1	1	3 2			3		
GRAND TOTAL	. 63	37	31	139			270		

INVOLVES	50	TOTAL	ACCIDENTS	
INVOLVES	13	FATAL	ACCIDENTS	

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\* INJURIES CARRIED OPPOSITE OTHER-AIRCRAFT ARE INJURIES OCCURRING IN AIRCRAFT THAT ARE NOT PART OF THIS SUBJECT TABULATION, BUT WERE PART OF THE TOTAL INJURIES INVOLVED IN COLLISIONS BETWEEN AIRCRAFT.

#### AIRPORT PROXIMITY BY WEATHER CONDITION

WEATHER CONDITION

	VER IER OF WINDOWN DE ROOMES		
AIRPORT PROXIMITY	the the set of man	RECORDS	ACCIDENTS PERCENT
ON AIRPORT	20 14	······································	34 68.00
ON SEAPLANE BASE	1	1	1 . 2.00
ON HELIPORT			·
ON BARGE/SHIP/PLATFORM			
IN TRAFFIC PATTERN	2	2	2 4.00
WITHIN 1/4 MILE	1	1	1 2.00
WITHIN 1/2 MILE	1	1	1 2.00
WITHIN 3/4 MILE			
WITHIN 1 MILE	1	1	1 2.00
WITHIN 2 MILES	2 1	3	3 6.00
WITHIN 3 MILES	1 .	1	1 2.00
WITHIN 4 MILES			
WITHIN 5 MILES			
BEYOND 5 MILES	3 1	4	4 8.00
UNKNOWN/NOT REPORTED	1 1	2	2 4.00
RECORDS	32 17 1	50	
ACCIDENTS	32 17 1		50
PERCENTS	.0 64.0 34.0 .0 2.0 .0		

PAGE

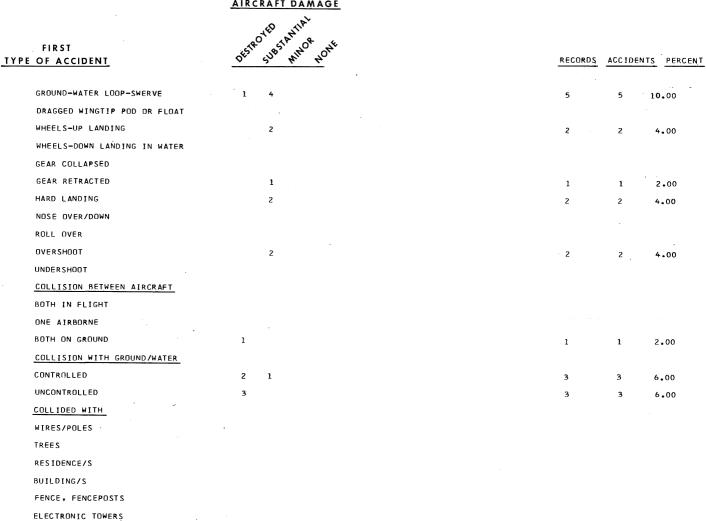
8

# TYPE OF FLIGHT PLAN BY CONDITION OF LIGHT OF FLIGHT PLAN BY CUNULISM -

TYPE OF FLIGHT PLAN	OFMAN OFTICHT INTICHT OFFT BRONT WANDERD	<u>RECORDS</u>	
NONE	5 1 1	7	7 14.00
VFR	1 7 1	9	9 18.00
IFR	2 7 4 15 1	29	29 58.00
CONTROLLED VFR			
IFR (VFR CONDITIONS ON TOP)			•
TOWER EN ROUTE CONTROL SERVICE	· · · · · · · · · · · · · · · · · · ·		
DVFR			
VFR FLIGHT FOLLOWING SERVICE			
SPECIAL VFR	. 1	1	1 2.00
OTHER	2	2	2 4.00
UNKNOWN/NOT REPORTED	2	2	2 4.00
RECORDS	3 23 4 18 2	50	
ACCIDENTS	3 23 4 18 2		50
PERCENTS	6.0 46.0 8.0 36.0 4.0		

# FIRST TYPE OF ACCIDENT BY AIRCRAFT DAMAGE

AIRCRAFT DAMAGE



RUNWAY OR APPROACH LIGHTS

5

2

1

2

2

1

3

3

10.00

4.00

2.00

4.00

4.00

2.00

6.00

6.00

AIRPORT HAZARD	· 1	1	. 1	2.00
ANIMALS				
CROP				
FLAGMAN LOADER				
DITCHES				
SNOWBANK -	3	3	. 3	6.00
PARKED AIRCRAFT (UNATTENDED)	1	1	1	2.00
AUTOMOBILE	3	3	3	6.00
DIRT BANK	1	1	1	2.00
OTHER	1 1	2	2	4.00

# FIRST TYPE OF ACCIDENT BY AIRCRAFT DAMAGE

AIRCRAFT DAMAGE

	FIRST	offi	SUBSTANTIAL SUBSTANTIAL	NONE		DECORDE	ACCIDENT		
TTPE	OF ACCIDENT		<u> </u>	<u>`</u>		RECURUS	ACCIDENT	S PERCENT	
	BIRD STRIKE						<u>.</u>	2	
	STALL	1				1	1	2.00	
	SPIN								
	SPIRAL								
	MUSH	2				2	2	4.00	
	FIRE OR EXPLOSION								
	IN FLIGHT								
	ON GROUND								
	AIRFRAME FAILURE								
	IN FLIGHT		2			2	2	4.00	
	ON GROUND								
	ENGINE TEARAWAY	1				1	1	2.00	
	ENGINE FAILURE OR MALFUNCTION	4	8			12	12	24.00	
	PROPELLER/ROTOR FAILURE								
	PROPELLER								
	TAIL ROTOR								
	MAIN ROTOR								
	PROP ROTOR ACONT TO PERSON								
	JET INTAKE/EXH ACONT TO PERS								
	PROPELLER/JET/ROTOR BLAST								
	TURBULENCE	2				2	2	4.00	
	HAIL DAMAGE TO AIRCRAFT								
	LIGHTNING STRIKE								
	EVASIVE MANEUVER								
	UNCONTROLLED ALT DEVIATION								
	DITCHING								
	MISSING ACFT NOT RECOVERED								
	MISCELLANEOUS/OTHER								
	UNDETERMINED								
						5.0			
	RECORDS	18	32			50	5.0		
	ACCIDENTS	18	32				50		
	PERCENTS	36.0	64.0						

# FIRST PHASE OF OPERATION BY INJURY INDEX

INJURY INDEX

# FIRST OPERATIONAL PHASE



PERATIONAL PHASE	<u> </u>	<u></u>	4,	4		RECORDS	ΔΟΟΤΟ	DENTS PERCENT
STATIC								
STARTING ENGINE/S								
IDLING ENGINE/S								
ENGINE RUNUP								
IDLING ROTORS								
PARKED-ENGINES NOT OPERATING								
OTHER								
TAXI								
TO TAKEOFF		1				1	1	2.00
FROM LANDING			2	4		6	6	
OTHER						0	6	12.00
GROUND TAXI TO TAKEOFF								
GROUND TAXI FROM LANDING								
GROUND TAXI, OTHER								
AERIAL TAXI TO TAKEOFF ,								
AERIAL TAXI TO/FROM LANDING								
AERIAL TAXI, OTHER								
TAKEOFF								
RUN	1		1	4		6	,	12.00
INITIAL CLIMB	6	2	2			10	6 10	12.00
VERTICAL						10	10	20.00
RUNNING (ROTORCRAFT/VTOL-STOL)								
ABORTED (FIXED-WING)			1	1		2		
ABORTED (ROTORCRAFT/VTOL)						2	2	4.00
ABORTED (ROTORCRAFT/STOL)								
OTHER								
INFLIGHT								
CLIMB TO CRUISE				2		2	_	
NORMAL CRUISE	2			2		2	2	4.00
DESCENDING				1		4	4	8.00
HOLDING (IFR)						1	1	2.00
HOVERING								
POWER-ON DESCENT (ROTORCRAFT)								
AUTORO ATIVE DESCENT								
ACROBATICS								

BUZZING .

# FIRST PHASE OF OPERATION BY INJURY INDEX

INJURY INDEX

#### FIRST OPERATIONAL PHASE



RECORDS ACCIDENTS PERCENT

KATIONAL PHASE	_	<	2	<u> </u>	7		RECORDS	ACCIDENTS	
UNCONTROLLED DESCENT	•								
EMERGENCY DESCENT									
LOW PASS									
OTHER									
EN ROUTE TO TREAT CROP									
EN ROUTE TO RELOADING AREA									
SURVEY FIELD/AREA									
STARTING SWATH RUN									
SWATH RUN									
FLAREOUT FOR SWATH RUN									
PULLUP FROM SWATH RUN									
PROCEDURE TURNAROUND									
CLEANUP SWATH									
MANEUVER TO AVOID OBSTRUCTION									
RETURN TO STRIP									
LANDING									
TRAFFIC PATTERN-CIRCLING		1	1				2	2	4.00
FINAL APPROACH (VFR)			1				1	1	2.00
INITIAL APPROACH			•						
FINAL APPROACH (IFR)		1					1	1	2.00
LEVEL OFF/TOUCHDOWN		1		1	5		7	7 1	14.00
ROLL (FIXED WING)			1	1	2		4	4	8.00
ROLL-ON/RUN-ON (ROTORCRAFT)	,								
POWER-ON LANDING (ROTORCRAFT)									
POWER-OFF AUTOROTATIVE LDG									
GO-ARDUND (VER)		1	1				2	2	4.00
MISSED APPROACH (IFR)			1				1	1	2.00
OTHER									
UNKNOWN/NOT REPORTED									

RECORDS	13	8	8	21	50
ACCIDENTS	13	8	8	21	50
PERCENTS	26.0 1	5.0 16	.0 4	2.0	

. . .

#### COMMUTER AIR CARRIER ACCIDENTS

U.S. GENERAL AVIATION 1979

#### (EXCLUDES ACCIDENTS WITHOUT CAUSAL ASSIGNMENT)

INVOLVES

.

50 TOTAL ACCIDENTS

INVOLVES 13 FATAL ACCIDENTS

			FAT	AL ACCID	ENTS	NONFA	TAL ACCI	DENTS	ALI	L ACCIDE	NTS
	BROAD CAUSE/F	ACTOR	CAUSE	FACTOR	TOTAL*	CAUSE	FACTOR	TOTAL*	CAUSE	FAC TOR	TOTAL*
		•									
	PILOT		9 69.23	4 30.77	10 76.92	26 70.27	2 5•41	26 70.27	35 70.00	.6 12.00	36 72.00
	PERSONNEL		2 15.38	6 46 <b>.</b> 15	7 53.85	8 21.62	2 5•41	10 27.03	10 20.00	8 16.00	17 34.00
(	AIRFRAME		.00	•00	•00	.00	•00	•00	.00	•00	•00
· ·	LANDING GEAR		•00	.00	•00	2 5.41	•00	2 5.41	2 4•00	.00	2 4•00
	POWERPLANT		· 4 30•77	•00	4 30•77	6 16.22	1 2.70	6 16.22	10 20.00	1 2.00	10 20.00
PAGE	SYSTEMS		1 7.69	1 · 7.69	2 15•38	•00	•00	•00	1 2.00	1 2.00	2 4.00
E 14	INSTRUMENTS/EQ	UIPMENT & ACCESSORIES	-00	•00	• 00	•00	•00	•00	•00	•00	•00
Section 2	ROTORCRAFT		•00	•00	•00	.00	.00	•00	•00	•00	.00
Se Ci		S/FACILITIES	•00	1 7.69	1 7.69	.00	10 27.03	10 27.03	•00	11 22.00	11 22.00
2	WEATHER		•00	5 38•46	5 38•46	.00	9 24•32	9 24.32	.00	14 28.00	14 28.00
and Angel	TERRAIN		•00	2 15•38	2 15•38	.00	3 8•11	3 8.11	•00	5 10.00	5 10.00
	MISCELLANEOUS		.00	.00	• 00	. 3 8.11	.00	3 8.11	3 6.00	•00	3 6.00
	UNDETERMINED	· · · ·	•00	•00	• 00	.00	•00	•00	•00	•00	• 00

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

#### COMMUTER AIR CARRIER ACCIDENTS

U.S. GENERAL AVIATION 1979

#### (EXCLUDES ACCIDENTS WITHOUT CAUSAL ASSIGNMENT)

INVOLVES

50 TOTAL ACCIDENTS

INVOLVES	13	FATAL	ACCIDENTS

	$\sim$	FAI	AL ACCID	ENTS		TAL ACCI		AL	L ACCIDE	NTS
DETAILED CAUSE/FACTOR	je j	CAUSE	FAC TOR	TOTAL	CAUSE	FAC TOR	TOTAL	CAUSE	FAC TOR	TOTAL
** PILOT **										
PILOT IN COMMAND CONTINUED VFR FLIGHT INTO ADVERSE WEATHER ( DIVERTED ATTENTION FROM OPERATION OF AIRCRA FAILED TO EXTEND LANDING GEAR FAILED TO SEE AND AVOID OTHER AIRCRAFT	ιFT .	1	1	2	1	1	1 1 1	1 1 1	1 1	
FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCT FAILED TO OBTAIN/MAINTAIN FLYING SPEED FAILED TO FOLLOW APPROVED PROCEDURES, DIREC IMPROPER OPERATION OF POWERPLANT + POWERPLA PREMATURE LIFT OFF	CTIVES ETC	2 3		2 3	1 2 1	1	1 2 1 1	1 2 5 1	1	1 2 5 1 1
IMPROPER LEVEL OFF IMPROPER IFR OPERATION IMPROPER IN-FLIGHT DECISIONS OR PLANNING IMPROPER COMPENSATION FOR WIND CONDITIONS INADEOUATE PREFLIGHT PREPARATION AND/OR PLA	NNING	1	1	1 2	3 1 4 1 2		3 1 4 1 2	3 2 4 1 3	1	3 2 4 1
INADEQUATE SUPERVISION OF FLIGHT MISMANAGEMENT OF FUEL EXERCISED POOR JUDGMENT SELECTED UNSUITABLE TERRAIN		1	1	1 1	2 1 2		2 1 2	2 1 1 2	1	3 1 1 2 1 0 2 1 0 8 8 8 1
INITIATED FLIGHT IN ADVERSE WEATHER CONDIT MISJUDGED DISTANCE, SPEED, AND ALTITUDE MISJUDGED DISTANCE AND SPEED MISJUDGED CLEARANCE PHYSICAL IMPAIRMENT	IONS	1	2	1 1 2	2 2		2 2	1 1 2 2	2	
FAILED TO MAINTAIN DIRECTIONAL CONTROL SELECTED WRONG RUNWAY RELATIVE TO EXISTING FAILED TO ABORT TAKEOFF FAILED TO INITIATE GO-ARDUND	WIND	1 1	-	1	4 1 3		4 1 1 3	5 1 2 3	L	5) F / 1 2 3
SUBTOTAL		13	5	18	35	2	37	48	7	55
COPILOT MISJUDGED CLEARANCE FAILED TO MAINTAIN DIRECTIONAL CONTROL		4			1 1		1 1	1		1 1
SUBTOTAL	n 1317	Sept.	CAL C		2		2	2		2
** PERSONNEL ** RULES, REGULATIONS, STANDARDS PERSONNEL	n 1.517 1.1670	$\sum_{i}$	3	3					3	3
MAINTENANCE, SERVICING, INSPECTION IMPROPER MAINTENANCE(MAINTENANCE PERSONNEL INADEOUATE INSPECTION OF AIRCRAFT(MAINTENAN INADEOUATE MAINTENANCE AND INSPECTION		···- <sup>*</sup> 1	1 1	1 2	3 1		3 1	3 · 2	1 · 1	3 1.*** 3
DPERATIONAL SUPERVISORY PERSONNEL INADEQUATE FLIGHT TRAINING-PROCEDURES INADEQUATE GROUND TRAINING-PROCEDURES INADEQUATE SUPERVISION/TRAINING OF RAMP CRI FAILURE TO PROVIDE ADEQ DIRECTIVES, MANUALS	, EQUIPMENT	1	2 1	2 1 1		1.	1	1	2 1 1	2 1 1 1
DEFICIENCY, COMPANY MAINTAINED EOMT, SERV, WEATHER PERSONNEL TRAFFIC CONTROL PERSONNEL ISSUED IMPROPER OR CONFLICTING INSTRUCTIONS			3	3	1 <sup>°</sup>		1	1	3	3 1
AIRPORT SUPERVISORY PERSONNEL FAILURE TO NOTIFY OF UNSAFE COND/AND OR FAI IMPROPER/INADEOUATE SNOW REMOVAL AIRWAYS FACILITIES PERSONNEL	LURE TO MARK					1 1	1 1		1 1	1 1
FAILURE TO ISSUE NOTAM PRODUCTION-DESIGN-PERSONNEL OTHER			1	1		. 1	1		1	1

PERSONNEL (CONTINUED)		F	TAL ACCI	DENTS	NONF	TAL ACCI		AL	L ACCIDE	NTS
DETAILED CAUSE/FACTOR		CAUS	FACTOR	TOTAL	CAUSE	FACTOR		CAUSE	FAC TOR	
MISCELLANEDUS-PERSONNEL DRIVER OF VEHICLE THIRD PILOT FLIGHT ENGINEER FLIGHT PERSONNEL DISPATCHING (AIR CARRIER ONLY)	1517				3		3	 3		í3
SUBTOTAL	1.970	2	12	14	8	4	12	· 10	16	26
** AIRFRAME **										
WINGS FUSELAGE LANDING GEAR NORMAL RETRACTION/EXTENSION ASSEMBLY FLIGHT CONTROL SURFACES							2	2		2
SUBTOTAL					2		2	2		2
** POWERPLANT **										$\sim$
ENGINE STRUCTURE MASTER AND CONNECTING RODS CYLINDER ASSEMBLY IGNITION SYSTEM					1 1		1 . 1	1 1		1 1
FUEL SYSTEM LINES AND FITTINGS FUEL INJECTION SYSTEM LUBRICATING SYSTEM					1 1		1 1	1 1		1 1
COOLING SYSTEM PROPELLER AND ACCESSORIES EXHAUST SYSTEM OTHER ENGINE ACCESSORIES	•		•		1		1	1		1
ENGINE CONTROLS POWERPLANT-INSTRUMENTS MISCELLANEDUS POWERPLANT FAILURE FOR UNDETERMINED REASO DETONATION REDUCTION GEAR ASSEMBLY COMPRESSOR ASSEMBLY	INS	3		3	1 1		1 1	4 1		4 1
COMBUSTION ASSEMBLY TURBINE ASSEMBLY BLADE, TURBINE WHEEL ACCESSORY DRIVE ASSEMBLY LUBRICATING SYSTEM -UEL SYSTEM				·	1		1	1		1
SAFETY SYSTEM IGNITION SYSTEM TOROUMETER AIR BLEED EXHAUST SYSTEM THRUST SYSTEM	. ,									
PROPELLER SYSTEM CONTROL UNIT, PCV OTHER CONSTANT SPEED DRIVE		1		1		1	1	1 ,	1	1 1
POWER LEVER PROPELLER LEVER REVERSE THRUST LEVER ENGINE INDICATING EQUIPMENT ENGINE INSTALLATION										
SUBTOTAL		4		4	8	1	9	12	1	13
** SYSTEMS **										L.
ELECTRICAL SYSTEM HYDRAULIC SYSTEM FLIGHT CONTROL SYSTEMS ELEVATOR AND ELEVATOR TAB CONTROL SYSTEM WING FLAP CONTROL SYSTEM (ELECTRICAL) ANTI-ICING, DE-ICING SYSTEMS AIR CONDITION, HEATING AND PRESSURIZATION AUTO PILOT FIRE WARNING SYSTEM		1	1	1 1				1	1	

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				•					
DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	F AC TOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
DIRE EXTINGUISHER SYSTEM OXYGEN SYSTEM DTHER SYSTEMS									
SUBTOTAL	1	· _ 1	2				1	1	2
** AIRPORTS/AIRWAYS/FACILITIES **									
NIRPORT FACILITIES RUNWAY LIGHTING RAMP FACILITIES AIRPORT CONDITIONS					2 1	2 1		2 1	2 1
WET RUNMAY ICE/SLUSH ON RUNWAY SNOW ON RUNWAY SNOW WINDROWS HIDDEN HAZARD OTHER IRWAYS FACILITIES		1 1	1 1		2 1 4 2 1 2	2 1 4 2 1 2		2 2 5 1 2	2 2 5 2 1 2
SUBTOTAL		. 2	2		15	15		17	17
** WEATHER **									
LOW CEILING RAIN FOG SNOW ICING CONDITIONS-INCLUDES SLEET, FREEZING RAIN, ETC CONDITIONS CONDUCIVE TO CARB/INDUCTION SYSTEM ICING UNFAVORABLE WIND CONDITIONS WIND SHEAR HIGH DENSITY ALTITUDE		3 2 3 2 1 1	3 2 3 2 1 1		2 1 2 3 1 1 2 1	2 1 2 3 1 1 2 1		5 1 4 6 3 1 3 1 1	5 1 4 6 3 1 3 1 1
SUBTOTAL		12	12		13	13		25	25
** TERRAIN **									
SNOW-COVERED Rough/uneven high obstructions		1 2	1 2		2 1	2 1		1 2 3	1 2 3
SUBTOTAL		3	3		3	3		6	6
** MISCELLANEOUS **									
VORTEX TURBULENCE				3		3	3		3
SUBTOTAL				3		3	3		3
GRAND TOTAL	20	35	55	58	38	96	78	73	151
** MISCELLANEOUS ACTS, CONDITIONS **	20				50	20		, ,	
PREVIOUS DAMAGE DOWNWIND				1	1	1	1	1	1 1
LOOSE, PART/FITTING CHAFFED ELONGATED IMPROPERLY INSTALLED OBSTRUCTED OVERHEATED RAN OFF END OF RUNWAY		, '		1 1 2 1 1	1	1 1 2 1 1 1	1 1 2 1 1	1	1 1 2 1 1 1
ANTI-ICING/DEICING EQUIP-IMPROPER OPER. OF/FAILED TO USE IMPROPER EMERGENCY PROCEDURES FEATHERED WRONG ENGINE FATIGUE FRACTURE WINDSHIELD, DIRTY, FOGGY, ETC-RESTRICTED VISION	3 1		3 1	1 1 1 .		1 1 1 1 1	1 4 1 1	1	1 4 1 2 1
FAILURE OF TWO OR MORE ENGINES FIRE IN CABIN/ COCKPIT/ BAGGAGE COMPARTMENT CARGO SHIFTED PILOT FATIGUE	1	1	1 1	1	1	1	1	, î 1	1 1 1 1
FUEL EXHAUSTION ALCOHOLIC IMPAIRMENT OF EFFICIENCY AND JUDGMENT ICE-CARBURETOR		1	1	1		1 1	1 1	1	1 1 1

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1

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#### MISCELLANEOUS ACTS, CONDITIONS (CONTINUED)

DETAILED CAUSE/FACTOR	FA1	FATÁL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	ÉAC TOR	TOTAL	
AIRFRAME ICE										
ICE-WINDSHIELD	T	2	2		1	1	1	2	4	
IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR CG	2	2	4	1 -		1	з	2	5	
WHITEOUT	-	-		1	1	1.	2	1	í	
SUNGLARE					11	ī		ĩ	ī	
AIRCRAFT CAME TO REST IN WATER		3	3		1	1		4	4	
OVERLOAD FAILURE					3	3		3	3	
MATERIAL FAILURE				4		4	4		4	
FUEL STARVATION				1		1	1		1	

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

## LISTING OF COMMUTER AIR CARRIER ACCIDENTS

### U.S. GENERAL AVIATION 1979 (IN FILE ORDER SEQUENCE) (NAME OF OPERATOR DISPLAYED AT RIGHT)

FILE NUMBER	AIRCRAF REGIST.		LOCATION	AIRCRAF MAKE	T MODEL	INJURY INDEX	
1 0003	N12VT	022479	MEMPHIS, TN	BEECH	3NM	MINOR	*GREAT WESTERN
	-					- · ·	· · · ·
3 0052	N160MA	011579	WISCONSIN RPDS,WI	SWEAR INGEN	SA-226	NONE	MIDSTATE AIRLI
3 0076	N1597U	010479	ST PAUL, MN	CESSNA	207	NONE	*AIR FREIGHT EX
3 0101	N6642L	100879	COVINGTON, KY	PIPER	PA-31	FATAL	COMAIR, INC.
3 0150	N215W	012479	CHICAGO,IL	BEECH	B-18	MINOR	SMB STAGELINE
3 0162	N186MW	020779	BOSTON,MA	CESSNA	500	NONE	*MIDWEST AIR CH
3 0172	N14RJ	011579	MISSOULA,MT	HANDLY-PAGE	HP-137	NONE	BIG SKY AIRLIN
3 0198	N95DF	011479	CATLINA, CA	GRUMMAN	G73	MINOR	TRANS CATLINA
3 0403	NZZM	013179	LACONIA, NH	PIPER	PA-31	NONE	WINNIPESAUKEE
3 0461	N702HB	040479	RICHMOND, VA	TED SMITH	600	NONE	WHEELER AIRLIN
3 0522	N521GP	012779	SPRINGFIELD, IL	BEECH	E18-S	NONE	*GREAT WESTERN
3 0543	N1431T	030879	ST LOUIS,MO	BEECH	E18S	MINOR	SKYWAY AVIATIO
3 0565	N4213	041679	MOLOKAI,HI	BEECH	D-18	NONE	ALII AIR HAWAI
3 0849	N1234G	040379	CHICAGO, IL	BEECH	E18S	MINOR	BURL AIR FREIG
3 0854	N711TL	022779	INDIANAPOLIS, IN	BEECH	E18S	SERIOUS	BURL AIR FREIG
3 0861	N7437S	011979	GRAND RAPIDS,MI	AEROSTAR	601	FATAL	L.J.SIMMONS
3 0913	N17574	022479	ONEONTA, NY	BEECH	58	SERIOUS	CATSKILL AIRWA
3 1045	N906MW	061179	ST LOUIS,MO	DEHAVILLAND	DH 104	NONE	*MIDWEST AIR CH
3 1079	N966YH	051179	SAN JUAN.PR	BEECH	G18S	NONE	PERKIOMEN AIRW
3 1081	N201GW	032379	CEDAR RAPIDS, IA	BEECH	E18S	FATAL	*GREAT WESTERN
3 1088	N149PA	040479	NEWBURG,NY	BEECH	E-18	SERIOUS	PROVIDENCE AIR

## LISTING OF COMMUTER AIR CARRIER ACCIDENTS

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### U.S. GENERAL AVIATION 1979 (IN FILE ORDER SEQUENCE) (NAME OF OPERATOR DISPLAYED AT RIGHT)

FILE NUMBER	AIRCRAF REGIST.		LOCATION	AIRCRAF MAKE	T MODEL	INJURY INDEX	
3 1831	N783EF	052979	PHOENIX.AZ	AERO COMDR	680-FL	SERIOUS	*COMBS AIRWAYS
3 2046	N535A	072079	LAS VEGAS,NV	CESSNA	402B	SERIOUS	SCENIC AIRLINE
3 2169	N8017J	091479	PHILADELPHIA, PA	PIPER	PA-23	NONE	NICHOLSON AIR*
3 2477	N24RM	022779	CHEYENNE, WY	DEHAVILLAND	DHC-6	MINOR	ROCKY MOUNTAIN
3 2478	N777AE	030179	GULF POR T, MS	BEECH	BE-70	FATAL	UNIVERSAL AIRW
3 2479	N418SA	031079	MARINA DEL REY,CA	NORD-AVION	262	FATAL	SWIFT AIRE LIN
3 2498	N2713R	091879	CHICAGO, IL	CESSNA	402C	SERIOUS	BROWER AIRLINE
3 2602	N78090	101779	NLANSING, MI	CESSNA	402A	NONE	SEACO AIRLINES
3 2624	N71967	110179	LUBBOCK, TX	CESSNA	U206D	NONE	*ASAP AIR.INC.
3 2629	N500TS	071179	ATLANTIC CITY,NJ	TED SMITH	TS-600	NONE	OCEAN AIRWAYS
3 2800	N4514Q	040979	ALBUQUERQUE, NM	CESSNA	402	NONE	ΖΙΑ
3 2936	N24K	101979	COVINGTON, KY	BEECH	H18S	NONE	BURLINGTON AIR
3 2965	N13CA	100879	CRESTED BUTTE,CO	BRITTNORMAN	BN2A-9	SERIOUS	CRESTED BUTTE
3 2974	N6255H	061179	PLATINUM,AK	CESSNA	207	NONE	*BUSH AIR INC.
3 3005	N44522	082179	HICKORY,NC	PIPER	PA-32	SERIOUS	*AIR CAROLINA
3 3075	N22932	091779	AVALON, CA	GRUMMAN	G <b>-21A</b>	FATAL	CATALINA AIR
3 3093	N91399	060979	SAINT MARYS.AK	CESSNA	180	NONE	WESTERN YUKON
3 3125	N3785B	072579	FT WOOD,MO	BEECH	E18S	NONE	SKYWAY AVIATIO
3 3227	N66893	110279	GREENVILLE, SC	PIPER	PA-31	FATAL	BANKAIR, INC
3 3565	N6569L	112179	TETERBORO,NJ	PIPER	PA-31	NONE	*MIDWEST AIR CH
3 3896	N1684U	102579	NVENETIE, AK	CESSNA	207	FATAL	AIR NOR TH, INC.
			PAGE 20				

## LISTING OF COMMUTER AIR CARRIER ACCIDENTS

## U.S. GENERAL AVIATION 1979 (IN FILE ORDER SEQUENCE) (NAME OF OPERATOR DISPLAYED AT RIGHT)

FILE	AIRCRAF	т		AIRCRAF	т	INJURY	
NUMBER	REGIST.	DATE	LOCATION	MAKE	MODEL	INDEX	
	tala dali dan tan mai ana dar			07 63 62 km			
3 3898	N8061V	120379	NNOME, AK	DEHAVND CAN	DHC-6	FATAL	*EVERGREEN HELI
3 3902	N705M	091979	SUFFIELD,CT	BEECH	E18S	FATAL	MOUNTAIN AIR C
3 3950	N7305U	.093079	SCAMMON BAY.AK	CESSNA	T207A	MINOR	*BUSH AIR INC.
3 3951	N68DE	053079	ROCKLAND,ME	DEHAVILLAND	DHC-6	FATAL	DOWNEAST AIRLI
3 3964	N983MA	111879	BANGOR, ME	BEECH	99	MINOR	BAR HARBOR AIR
3 3967	N291NC	071979	NNORTHGLENN, CO	AERO COMDR	680FL	NONE	*COMBS AIRWAYS
3 3982	N575PR	072479	ST CROIX,USVI	DEHAVILLAND	DH-114		PRINAIR
3 4001	NIICS	041479	CATALINA IS.CA	GRUMMAN	G-21A	FATAL	CATALINA AIR L

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#### NATIONAL TRANSPORTATION SAFETY BOARD

### WASHINGTON, D. C. 20594

### BRIEFS OF COMMUTER AIR CARRIER ACCIDENTS

#### U.S. GENERAL AVIATION

#### 1979

## (IN STATE AND DATE ORDER)

FILE	DATE	LOCATION	AIRCRAFT DATA	F	S I	4/N	PURPOSE	PILOT DATA		
3-3093	TIME - 180 NAME OF AI DEPARTURE SAINT MA TYPE OF AC	RPORT - ST MARYS POINT RYS₊AK CIDENT ATER LOOP-SWERVE	N91399 DAMAGE-SUBSTANTIAL INTENDED DESTINATION	CR-	0 0 0 0 PHA: TA	1 3 SE 0 KE0		COMMERCIAL, AGE 59, 1000 TOTAL HOURS, 1000 IN		
P P FAC A W M	PILOT IN FACTOR(S) AIRPORTS WEATHER	COMMAND - IMPROP COMMAND - FAILED /AIRWAYS/FACILITI - UNFAVORABLE WIN		L C <u>o</u> nt Wet	ROL					
		NEOUS ACTS₊CONDIT IEFING - UNKNOWN∕	IONS - OVERLOAD FAILURE NOT REPORTED							

			BRIEF	S OF ACC	IDEN	TS		
FILE	DATE	LOCATION	AIRCRAFT DATA		RIES S M		FLIGHT PURPOSE	PILOT DATA
3-2974	6/11/79 TIME - 185		CESSNA 207 N6255H DAMAGE-SUBSTANTIAL				COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	COMMERCIAL, FL.INSTR., AGE 28, 1175 TOTAL HOURS, 205 IN TYPE, INSTRUMENT RATED.
	DEPARTURE F PLATINUM TYPE OF ACC ENGINE F NOSE OVEF	,AK CIDENT AILURE OR MALFUNC	INTENDED DESTINATION QUINHAGAK,AK TION		IN	FL	- OPERATION IGHT NORMAL CRUISE NG LEVEL OFF/TOUCHDOWN	
	MISCELLAN FACTOR(S) TERRAIN - COMPLETE PO EMERGENCY (	NT - ENGINE STRUC NEOUS ACTS,CONDIT - ROUGH/UNEVEN DWER LOSS - COMPLI CIRCUMSTANCES - FO	TURE MASTER AND CONNEC IONS - MATERIAL FAILURE ETE ENGINE FAILURE/FLAN DRCED LANDING DFF AIRPO CRANKSHAFT ATCH END.TH	HEOUT-1 IRT ON L	ENG I I AND		ON 1 BOLT, OTHER BOLT NOT	FND.HOLE IN ENG.
3-3950	9/30/79 TIME - 1415	SCAMMON BAY,AK	CESSNA T207A N7305U DAMAGE-SUBSTANTIAL				COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	COMMERCIAL, AGE 34, 1505 TOTAL HOURS, 355 IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIR DEPARTURE F BETHEL,AK TYPE OF ACC OVERSHOOT	CIDENT	AY INTENDED DESTINATION RETURN		CHE	EVAK E of	ROUTE STOP SAK F OPERATION IG LEVEL OFF/TOUCHDOWN	
, a,	PILOT IN PILOT IN FACTOR(S) MISCELLAN MISCELLAN	COMMAND - SELECT COMMAND - MISJUDO COMMAND - FAILED NEOUS ACTS,CONDIT IEOUS ACTS,CONDIT	ED WRONG RUNWAY RELATIV GED DISTANCE AND SPEED TO INITIATE GD-AROUND IONS - DOWNWIND IONS - RAN OFF END OF R FER MISHAP)WHILE TOWING	UNWAY			IND	
				PAGE	22			

стіс	DATE						PILOT DATA
FILE		LOCATION	AIRCRAFT DATA		S M/N	FLIGHT PURPOSE	PILUI DATA
		NR.VENETIE,AK	CESSNA 207 N1684U DAMAGE-SUBSTANTIAL	CR- 0 PX- 1	1 1	COMMERCIAL COMMUTER AIR CARRIEN AIR TAXI-PASSG S-D	AIRLINE TRANSPORT, AGE R 26, 2573 TOTAL HOURS, 40
	DEPARTURE FORT YU TYPE OF	IKON, AK	INTENDED DESTINATION RETURN		ARCTIC	ROUTE STOP C VILLAGE,AK F OPERATION	
	ENGINE	FAILURE OR MALFUN ION WITH GROUND/WA		F	IN FLI	GHT NORMAL CRUISE	OWN
	PROBABLE POWERPL		US POWERPLANT FAILURE	FOR UNDET	ERMINED	REASONS	
		N COMMAND - CONTI R - LOW CEILING	NUED VFR FLIGHT INTO AD	VERSE WEA	THER CO	UNDITIONS	· ·
	WEATHER MISCELL	ANEOUS ACTS,CONDI	NS-INCLUDES SLEET,FREEZ TIONS - ICE-WINDSHIELD TIONS - AIRFRAME ICE	ING RAIN,	ETC.		
	WEATHER B	RIEFING - BRIEFED ORECAST - FORECAS	LETE ENGINE FAILURE/FLA BY FLIGHT SERVICE PERS T SUBSTANTIALLY CORRECT FORCED LANDING OFF AIRP	DNNEL, BY	PHONE		
	SKY CONDI UNKNOW	TION V/NOT REPORTED		С		AT ACCIDENT SITE	-
	2 MILES	Y AT ACCIDENT SIT			SNOW	TATION AT ACCIDENT S	ITE
	FOG	ONS TO VISION AT LIGHT PLAN	ACCIDENT SITE	Ĺ	IFR	WEATHER CONDITIONS	
	OTHER REMARKS <del>-</del>	DRG FLT AT LOW AL	T UNDER OVC, ENG LOST PW	R AFTER P	LT ADVN	D THROTTLE TO AVOID	HILL.CO PLN.
		•		PAGE 2	4		
				PAGE Z	4		

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N		PILOT DATA
 3-3898	12/3/79 NR. TIME - UNK/N		DEHAVND CAN DHC-6 N8061V DAMAGE-DESTROYED	CR- 2 0 C PX- 2 0 C	) COMMERCIAL ) COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	AIRLINE TRANSPORT, AGE 29, 3453 TOTAL HOURS, 731 IN TYPE, INSTRUMENT DATED
•	DEPARTURE PO NOME•AK TYPE OF ACCI COLLISION	DENT WITH GROUND/WAT		LAST E SHIS PHASE		RATED.
•	FACTOR(S) TERRAIN - TERRAIN - WEATHER - WEATHER - WEATHER BRIE WEATHER FORE	SE(S) DMMAND - CONTINU SNOW-COVERED HIGH OBSTRUCTIOU LOW CEILING SNOW FING - BRIEFED U	JED VFR FLIGHT INTO ADV NS BY FLIGHT SERVICE PERSO SUBSTANTIALLY CORRECT			
	1/2 MILE O	N T ACCIDENT SITE R LESS TO VISION AT A( Y-KNOTS ⊣T PLAN	CCIDENT SITE	1000 PRECIP SNOW WIND D 130 TYPE O	G AT ACCIDENT SITE ITATION AT ACCIDENT SIT SHOWERS IRECTION-DEGREES F WEATHER CONDITIONS IOWN/NOT REPORTED	Έ
			ELEWRITER TRANS WX FM	NWS TO FSS OT	S.SPEC OBS TAKEN 0829,T	RANS TO PLT AFT TKOF.
3-1831	TIME - 1717 NAME OF AIRP	HOENIX,AZ DRT - SKY HARBO	AERO COMDR 680-FL N783EF DAMAGE-SUBSTANTIAL INTL	PX- 0 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	COMMERCIAL, AGE 25, 2255 TOTAL HOURS, 100 IN TYPE, INSTRUMENT RATED.
	LAS VEGAS. TYPE OF ACCI ENGINE FAI	NV		LAND	OF OPERATION ING FINAL APPROACH ING FINAL APPROACH	
	MISCELLANE COMPLETE POW EMERGENCY CI	DUS - VORTEX TUR DUS ACTS,CONDITI ER LOSS - COMPLI RCUMSTANCES - FO	RBULENCE ONS - FUEL STARVATION ETE ENGINE FAILURE/FLAM RCED LANDING OFF AIRPO N FINAL UNCOVERED FUEL	DRT ON LAND		UEL LINES.

BRIEES OF ACCIDENTS FILE DATE LOCATION AIRCRAFT DATA INJURIES FLIGHT PILOT DATA F S M/N PURPOSE 3-0198 1/14/79 CATLINA,CA GRUMMAN G73 CR- 0 0 2 COMMERCIAL ATP, FLIGHT INSTR., AGE TIME - 1640 N95DF PX- 0 0 9 COMMUTER AIR CARRIER 31, 6500 TOTAL HOURS, 85 DAMAGE-DESTROYED AIR TAXI-PASSG S-D IN TYPE, INSTRUMENT RATED. DEPARTURE POINT INTENDED DESTINATION LAST ENROUTE STOP LONG BEACH.CA LONG BEACH.CA CATI INA.CA TYPE OF ACCIDENT PHASE OF OPERATION TAKENFF RUN ENGINE TEARAWAY PROBABLE CAUSE(S) PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN PILOT IN COMMAND - FAILED TO ABORT TAKEOFE FACTOR(S) PILOT IN COMMAND - PREMATURE LIFT-OFF MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE MISCELLANEOUS ACTS.CONDITIONS - AIRCRAFT CAME TO REST IN WATER FIRE AFTER IMPACT REMARKS- ACFT HIT 3 WAVES HARD BREAKING L WING.L ENGINE TEAR AWAY. CR- 2 0 1 COMMERCIAL 3-2479 3/10/79 MARINA DEL REY,CA NORD-AVION 262 AIRLINE TRANSPORT, AGE TIME - 1752 N418SA PX- 1 0 3 COMMUTER AIR CARRIER 43. 8500 TOTAL HOURS. 879 IN TYPE, INSTRUMENT DAMAGE-DESTROYED AIR TAXI-PASSG S-D RATED. NAME OF AIRPORT - LOS ANGELES INTL DEPARTURE POINT INTENDED DESTINATION LOS ANGELES.CA SANTA MARIA.CA TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION TAKEOFF INITIAL CLIMB DITCHING LANDING LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) POWERPLANT - PROPELLER SYSTEM OTHER PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES.DIRECTIVES.ETC. MISCELLANEOUS ACTS, CONDITIONS - IMPROPER EMERGENCY PROCEDURES FACTOR(S) PERSONNEL - PRODUCTION-DESIGN-PERSONNEL OTHER MISCELLANEOUS ACTS. CONDITIONS - AIRCRAFT CAME TO REST IN WATER COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER REMARKS- LEAK OR BREAK IN R ENG PROP PRESS LINE, AUTOFEATHERED.L ENG SHUT DOWN.RESTART INFO NOT IN MANUAL.

FILE,	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N		PILOT DATA
	4/14/79	CATALINA IS,CA 7	GRUMMAN G-21A	CR-010	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	ATP,FLIGHT INSTR., AGE 43, 9335 TOTAL HOURS, 45!
• •		PORT - PEBBLY BEA POINT	CH INTENDED DESTINATION			
	SAN PEDRO		CATALINA IS,CA			
	TYPE OF ACC STALL MU				F OPERATION NG GO-AROUND	
	PILOT IN FACTOR(S)	COMMAND - MISJUDG COMMAND - FAILED - LOW CEILING	ED DISTANCE,SPEED,AND TO OBTAIN/MAINTAIN FLY			
	WEATHER BR	IEFING - BRIEFED B	ONS - AIRCRAFT CAME TO Y WEATHER BUREAU PERSO SUBSTANTIALLY CORRECT			· · · · · · · · · · · · · · · · · · ·
	SKY CONDITI BROKEN	ON		CEILING 600	AT ACCIDENT SITE	
	VISIBILITY	AT ACCIDENT SITE			TATION AT ACCIDENT SITE	
		DR LESS IS TO VISION AT AC	CIDENT SITE	NONE TEMPERA 67	TUR E <b>-</b> F	
	FOG WIND DIRECT 150	ION-DEGREES			LOCITY-KNOTS	
		THER CONDITIONS		-	FLIGHT PLAN	
		W ALT STRAIGHT-IN	APCH TOWARD SEAPLANE	_	AFTR NOTICING BOAT WAKE	S.PAX DROWNED.
3-3075	9/17/79	AVALON, CA	GRUMMAN G-21A	CR- 0 1 0	COMMERCIAL	AIRLINE TRANSPORT, AGE
	TIME - 1715	5	N22932 DAMAGE-SUBSTANTIAL	PX-1 0 2	COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	54, 13300 TOTAL HOURS, 4000 IN TYPE, INSTRUMENT RATED.
	NAME OF AIR	PORT - PEBBLY BEA	СН			
	DEPARTURE P		INTENDED DESTINATION			
	AVALON,CA TYPE OF ACC AIRFRAME		SAN PEDRO,CA		F OPERATION FF INITIAL CLIMB	
	SYSTEMS -	- MAINTENANCE,SE FLIGHT CONTROL S	RVICING,INSPECTION IN YSTEMS ELEVATOR AND E ONS - FATIGUE FRACTURE	LEVATOR TAB CO		
	MISCELLAM	EOUS ACTS,CONDITI	ONS - AIRCRAFT CAME TO			

BRIEFS OF ACCIDENTS FILE INJURIES PILOT DATA DATE LOCATION AIRCRAFT DATA FLIGHT F S M/N PURPOSE AERO COMDR 680FL CR- 0' 0 1 COMMERCIAL 3-3967 7/19/79 NR.NORTHGLENN.CO AIRLINE TRANSPORT. AGE TIME - 1721 PX- 0 0 COMMUTER AIR CARRIER 49, 5026 TOTAL HOURS, 50 N291NC DAMAGE-SUBSTANTIAL AIR TAXI-CARGO S-D IN TYPE, INSTRUMENT RATED. DEPARTURE POINT INTENDED DESTINATION DENVER .CO BOISE, ID TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT CLIMB TO CRUISE COLLISION WITH GROUND/WATER CONTROLLED LANDING LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL) POWERPLANT - FUEL SYSTEM FUEL INJECTION SYSTEM POWERPLANT - FUEL SYSTEM LINES AND FITTINGS MISCELLANEOUS ACTS, CONDITIONS - IMPROPERLY INSTALLED POWERPLANT - MISCELLANEOUS DETONATION MISCELLANEOUS ACTS, CONDITIONS - OBSTRUCTED PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING MISCELLANEOUS ACTS.CONDITIONS - FEATHERED WRONG ENGINE COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- PRIMER LINE INSTALLED IN PLACE OF INJECTOR LINE ON LT ENG.RED PARTICLES FOUND IN #7 FUEL INJECTOR. BRITTNORMAN BN2A-9 CR- 0 0 1 COMMERCIAL 3-2965 10/8/79 CRESTED BUTTE, CO ATP, FLIGHT INSTR., AGE PX- 0 1 3 COMMUTER AIR CARRIER TIME - 1910 N13CA 28, 1832 TOTAL HOURS, 146 AIR TAXI-PASSG S-D IN TYPE, INSTRUMENT DAMAGE-SUBSTANTIAL RATED. NAME OF ATRPORT - CRESTED BUTTE DEPARTURE POINT INTENDED DESTINATION DENVER + CO CRESTED BUTTE,CO TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH DIRT BANK LANDING ROLL PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING PILOT IN COMMAND - MISJUDGED CLEARANCE FACTOR(S) PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL FAILURE TO PROVIDE ADEQ.DIRECTIVES, MANUAL, EQUIPMENT AIRPORTS/AIRWAYS/FACILITIES - AIRPORT FACILITIES RUNWAY LIGHTING REMARKS- OFFICIAL NIGHT 1922HRS.LOW INTENSITY RUNWAY LITES 25FT BEYOND EACH EDGE OF RUNWAY.

			BRIEFS	S OF AC	CIDENTS	5		
FILE	DATE	LOCATION	AIRCRAFT DATA	-	URIES S M/N			PILOT DATA
3-3902	9/19/79 TIME - 040	)4	BEECH E18S N705M DAMAGE-DESTROYED	CR- PX-		COMMERC COMMUTE AIR TAX	R AIR CARRIER	COMMERCIAL, AGE 37, 6425 TOTAL HOURS, 125 IN TYPE, INSTRUMENT RATED.
	NAME OF AI DEPARTURE SUFFIELD TYPE OF AC	0,CT	TENDED DESTINATION BALTIMORE,MD			OF OPERAT	TON	
		IN WITH GROUND/WATER	UNCONTROLLED			OF OPERAT		
	MISCELLA MISCELLA FIRE AFTER	V COMMAND - INADEQUAT NEOUS ACTS,CONDITION ANEOUS ACTS,CONDITION	S - CARGO SHIFTED S - IMPROPERLY LOADE	D AIRC	RAFT-WE	IGHT-AND/	OR C.G.	
3-0565	4/16/79 TIME - 061	MOLOKAI•HI 5	BEECH D-18 N4213 DAMAGE-SUBSTANTIAL	РХ-	0 0 1 0 0 0	COMMUTE	IAL R AIR CARRIEL I-CARGO S-D	COMMERCIAL, FL.INSTR., AGE 21, 741 TOTAL HOURS, 140 IN TYPE, INSTRUMENT RATED.
	DEPARTURE HONOLULI TYPE OF AC OVERSHOO	J.HI CCIDENT	TENDED DESTINATION MOLOKAI,HI		LAND	OF OPERAT DING LEVE DING ROLL	L OFF/TOUCHDOWN	
	PILOT IN FACTOR(S)	CAUSE(S) D COMMAND - MISJUDGED D COMMAND - FAILED TO G/AIRWAYS/FACILITIES	INITIATE GO-AROUND	WET	RUNWAY			

FILE	DATE		AIRCRAFT DATA	F	S M/	N	PURPOSE	PILOT DATA
-0150		CHICAGO, IL	BEECH B-18	CR- 0 PX- 0	0 0	1 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	COMMERCIAL, FL.INSTR., AGE 22, 1193 TOTAL HOURS, 360 IN TYPE, INSTRUMENT RATED.
		AIRPORT - CHICAGO-O'						
		E PUINI INES•IA	INTENDED DESTINATION CHICAGO,IL					
	TYPE OF		0.110400712	I	PHASE	OF	= OPERATION	
	COLLIDE	D WITH SNOWBANK			LAN	DIN	NG ROLL	~
	PROBABLE	CAUSE(S)						
	PILOT	IN COMMAND - IMPROPI	ER IN-FLIGHT DECISIONS	OR PLAN	NING			
			D UNSUITABLE TERRAIN					
	FACTOR (S WEATHER	) R - UNFAVORABLE WINE						
		R - SNOW						
			S - AIRPORT CONDITION					
			ES - AIRPORT CONDITION ES - AIRPORT CONDITIONS					
	AIRPOR	TS/AIRWAYS/FACILITI	ES - AIRPORT CONDITION	S OTHER			-	
			RECEIVED-METHOD UNKNON	٨N				
	WEATHER	FORECAST - UNKNOWN/I	NUT REPORTED					
	SKY COND	5. T		(		-	AT ACCIDENT SITE	
		ATION TY AT ACCIDENT SITE			300		TATION AT ACCIDENT SITE	
		E OR LESS		1	SNO		TATION AT ACCIDENT SITE	·
		IONS TO VISION AT A	CCIDENT SITE	F			E BEARING OF WIND	
	BLOWING						CROSS WIND 068-112 DEG	REES
	350	ECTION-DEGREES			15	VEL	LOCITY-KNOTS	
		WEATHER CONDITIONS			TYPE		FLIGHT PLAN	
					TER			

			BRIEF	S OF A	ссі	DEN	٢S		
FILE			AIRCRAFT DATA		F	S M,	N N		PILOT DATA
		SPRINGFIELD.IL		CR- PX-	0	0	2	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	COMMERCIAL, FL.INSTR., AGE 30, 3100 TOTAL HOURS, 510 IN TYPE, INSTRUMENT RATED.
	DEPARTURE SPRINGE TYPE OF AG	IELD,IL	INTENDED DESTINATION GENESEO,IL		Ρ		0	F OPERATION FF RUN	
	PROBABLE COPILOT PILOT II FACTOR(S) WEATHER MISCELL	CAUSE(S) - FAILED TO MAINT N COMMAND - INADE( - SNOW ANEOUS ACTS+CONDIT	TAIN DIRECTIONAL CONTRO QUATE SUPERVISION OF FL TIONS - WHITEOUT BY WEATHER BUREAU PERS	IGHT	ΒY			·	
	3/4 MILE OBSTRUCTIO NONE			•	Ρ	500 RECI SNO	PI W OF	AT ACCIDENT SITE TATION AT ACCIDENT SITE WEATHER CONDITIONS	
3-0849	4/3/79 TIME - 043	CHICAGO+IL 39	BEECH E18S N1234G DAMAGE-DESTROYED					COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	ATP,FLIGHT INSTR., AGE 52, 15700 TOTAL HOURS, 3060 IN TYPE, INSTRUMENT RATED.
	DEPARTURE CHICAGO, TYPE OF AC TURBULEN	IL CCIDENT	INTENDED DESTINATION INDIANAPOLIS, IN		Ρ	ΤΑΚ	ΕO	F OPERATION FF INITIAL CLIMB FF INITIAL CLIMB	· · · · · · · · · · · · · · · · · · ·
		N COMMAND - FAILED ANEOUS - VORTEX TU	) TO FOLLOW APPROVED PRO IRBULENCE	DCEDURI	ES,	DIRE	ст	IVES,ETC.	

*i* =

	DATE		AIRCRAFT DATA	F S M/N	PURPOSE	PILOT DATA
		CHICAGO,IL	CESSNA 402C N2713R	CR- 0 0 2 PX- 0 0 8	COMMUTER AIR CARRIER	ATP,FLIGHT INSTR., AGE 32, 2825 TOTAL HOURS, 21 IN TYPE, INSTRUMENT RATED.
	DEPARTUR CHICAG TYPE OF		INTENDED DESTINATION PEORIA,IL		DF OPERATION TO TAKEOFF	KATED.
	PERSON FACTOR (S		PERSONNEL DRIVER OF	VEHICLE		
3-0854	2/27/79 TIME - 0		BEECH E18S N711TL DAMAGE-DESTROYED		COMMUTER AIR CARRIER	
	DEPARTUR INDIAN TYPE OF TURBUL	ACCIDENT	INTENDED DESTINATION LOUISVILLE,KY	TAKEC	OF OPERATION OFF INITIAL CLIMB OFF INITIAL CLIMB	KATEU.
	MISCEL	CAUSE(S) LANEOUS - VORTEX TUR ACFT ENCOUNTERED WA	BULENCE KE TURBULENCE BEHIND	A DEPARTING B-7	27.	
				PAGE 32		

		AIRCRAFT DATA	F	S M/N	PURPOSE	PILOT DATA
	CEDAR RAPIDS,IA	BEECH E18S	CR- 2 PX- 0	00	COMMERCIAL COMMUTER AIR CARRIER	AIRLINE TRANSPORT, AGE 37, 7257 TOTAL HOURS, 170 IN TYPE, INSTRUMENT RATED.
DEPARTURE P CEDAR RAP TYPE OF ACC	IDS•IA IDENT FER LOOP-SWERVE	DS MUNI INTENDED DESTINATION SPRINGFIELD,IL		TAKEOF	OPERATION F RUN F INITIAL CLIMB	
PILOT IN ( PILOT IN ( FACTOR(S) PILOT IN ( MISCELLANI AIRPORTS/ WEATHER - WEATHER - MISCELLANE WEATHER BRI	COMMAND - EXERCISE COMMAND - FAILED COMMAND - FAILED COMMAND - PHYSICAL EOUS ACTS,CONDITIC AIRWAYS/FACILITIES AIRWAYS/FACILITIES SNOW UNFAVORABLE WIND EOUS ACTS,CONDITIC EFING - BRIEFED BY	TO MAINTAIN DIRECTION TO ABORT TAKEOFF IMPAIRMENT DNS - ALCOHOLIC IMPAI 5 - AIRPORT CONDITION 5 - AIRPORT CONDITION	RMENT OF S ICE/SL S SNOW O ONNEL, IN	EFFICIE JSH ON N RUNWA	RUNWAY Y	
2 MILES OF	DN AT ACCIDENT SITE R LESS 5 TO VISION AT ACC -F TY-KNOTS	IDENT SITE	P R W	500 RECIPIT SNOW LATIVE HEAD W IND DIR 330	AT ACCIDENT SITE ATION AT ACCIDENT SITE BEARING OF WIND IND 338-022 DEGREES ECTION-DEGREES WEATHER CONDITIONS	

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				S OF ACCIDENTS		
FILE			AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
-0101	10/8/79	COVINGTON,KY 008	PIPER PA-31 N6642L DAMAGE-DESTROYED	CR-100 PX-700	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	ATP,FLIGHT INSTR., AGE 30, 2820 TOTAL HOURS, UNK/NR IN TYPE, INSTRU- MENT RATED.
		AIRPORT - GRTR CINCINE POINT				
		TON,KY ACCIDENT	NASHVILLE, TN			
		ACCIDENT FAILURE OR MALFUNCT]			IF OPERATION OFF INITIAL CLIMB	
		ION WITH GROUND/WATER			IFF INITIAL CLIMB	·
	PILOT MISCEL FACTOR(S PERSON	IN COMMAND - FAILED T LANEOUS ACTS,CONDITIC ) NEL - OPERATIONAL SUF		DCEDURES,DIRECT NCY PROCEDURES INADEQUATE FLIG	IVES,ETC. GHT TRAINING-PROCEDURES	
<b>-</b> 2936	PERSON PERSON MISCEL PARTIAL REMARKS- 10/19/79 TIME - 0	NEL - RULES,REGULATIC LANEOUS ACTS,CONDITIC POWER LOSS - PARTIAL GR,FLAPS DOWN.195LBS COVINGTON, KY 015	PERVISORY PERSONNEL D DNS STANDARDS PERSONNE DNS - IMPROPERLY LOADE LOSS OF POWER - 1 ENG S OVR MAX GWT HURRIED BEECH H18S N24K DAMAGE-SUBSTANTIAL	DEFICIENCY,COMP EL ED AIRCRAFT-WEI GINE DEPARTURE.INEF	PANY MAINTAINED EQPMT,SER GHT-AND/OR C.G. FECTIVE FAA CERTIFICATIC	
<b>-</b> 2936	PERSON PERSON MISCEL PARTIAL REMARKS- 10/19/79 TIME - 0 NAME OF DEPARTUR	NEL - OPERATIONAL SUP NEL - RULES,REGULATIO LANEOUS ACTS,CONDITIO POWER LOSS - PARTIAL GR,FLAPS DOWN.195LBS COVINGTON, KY 015 AIRPORT - GRTR CINCIM E POINT I	PERVISORY PERSONNEL D DNS STANDARDS PERSONNE DNS - IMPROPERLY LOADE LOSS OF POWER - 1 ENG S OVR MAX GWT HURRIED BEECH H18S N24K DAMAGE-SUBSTANTIAL	DEFICIENCY,COMP EL ED AIRCRAFT-WEI GINE DEPARTURE.INEF	PANY MAINTAINED EQPMT,SER GHT-AND/OR C.G. FECTIVE FAA CERTIFICATIC	AIRLINE TRANSPORT, AGE 33, 4690 TOTAL HOURS, 1550 IN TYPE, INSTRUMEN
<b>-</b> 2936	PERSON PERSON MISCEL PARTIAL REMARKS- 10/19/79 TIME - 0 NAME OF DEPARTUR COVING	NEL - OPERATIONAL SUP NEL - RULES,REGULATIO LANEOUS ACTS,CONDITIO POWER LOSS - PARTIAL GR,FLAPS DOWN.195LBS COVINGTON, KY 015 AIRPORT - GRTR CINCIM E POINT I	PERVISORY PERSONNEL D DNS STANDARDS PERSONNE DNS - IMPROPERLY LOADE LOSS OF POWER - 1 ENG S OVR MAX GWT HURRIED BEECH H18S N24K DAMAGE-SUBSTANTIAL	DEFICIENCY,COMP EL ED AIRCRAFT-WEI GINE DEPARTURE.INEF CR- 0 0 1 PX- 0 0 1	PANY MAINTAINED EQPMT,SER GHT-AND/OR C.G. FECTIVE FAA CERTIFICATIC	AIRLINE TRANSPORT, AGE 33, 4690 TOTAL HOURS, 1550 IN TYPE, INSTRUMEN
<b>-</b> 2936	PERSON PERSON MISCEL PARTIAL REMARKS- 10/19/79 TIME - 0 NAME OF DEPARTUR COVING TYPE OF ENGINE	NEL - OPERATIONAL SUF NEL - RULES,REGULATIO LANEOUS ACTS,CONDITIO POWER LOSS - PARTIAL GR,FLAPS DOWN.195LBS COVINGTON, KY 015 AIRPORT - GRTR CINCIN E POINT I TON, KY	PERVISORY PERSONNEL D DNS, STANDARDS PERSONNE DNS - IMPROPERLY LOADE LOSS OF POWER - 1 ENG S OVR MAX GWT, HURRIED BEECH H18S N24K DAMAGE-SUBSTANTIAL NNATI NTENDED DESTINATION INDIANAPOLIS, IN	DEFICIENCY,COMP EL ED AIRCRAFT-WEI GINE DEPARTURE.INEF CR- 0 0 1 PX- 0 0 1 PX- 0 0 1 PASE 0 IN FL	PANY MAINTAINED EQPMT,SER GHT-AND/OR C.G. FECTIVE FAA CERTIFICATIO COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	AIRLINE TRANSPORT, AGE 33, 4690 TOTAL HOURS, 1550 IN TYPE, INSTRUMEN

FILE		LOCATION	AIRCRAFT DATA	INJURIES F S M/N		PILOT DATA
	5/30/79 TIME - 205	ROCKLAND, ME	DEHAVILLAND DHC-6 N68DE DAMAGE-DESTROYED			COMMERCIAL, AGE 35, 5050 TOTAL HOURS, 604 IN TYPE
	DEPARTURE BOSTON,M	Δ	NTY RGNL INTENDED DESTINATION ROCKLAND,ME			
	TYPE OF AC COLLISIO	N WITH GROUND/WA	TER CONTROLLED		F OPERATION ING FINAL APPROACH	
	PROBABLE C PILOT IN FACTOR(S)		PER IFR OPERATION			
			SUPERVISORY PERSONNEL I SUPERVISORY PERSONNEL [		HT TRAINING-PROCEDURES Pany maintained eqpmt,ser	VICES, REGULATION
	PILOT IN MISCELLA	COMMAND - PHYSI NEOUS ACTS,CONDI	TIONS - PILOT FATIGUE		NSTRUMENT PROFICIENCY.CH	RONIC FATIGUE, PIC.
- <b>39</b> 64	PILOT IN MISCELLA	B COMMAND - PHYSI NEOUS ACTS,CONDI SCNDD BLO MDA.IN BANGOR,ME	CAL IMPAIRMENT FIONS - PILOT FATIGUE	.1ST OFF MRGL I CR- 0 0 2		RONIC FATIGUE,PIC. ATP,FLIGHT INSTR., AGE 25, 3909 TOTAL HOURS, 2235 IN TYPE, INSTRUMENT RATED.
-3964	PILOT IN MISCELLA REMARKS- D 11/18/79 TIME - 163	B COMMAND - PHYSI NEOUS ACTS,CONDI SCNDD BLO MDA.IN BANGOR,ME 7 RPORT - BANGOR POINT	CAL IMPAIRMENT TIONS - PILOT FATIGUE DRDINATE MGMT PRESSURES BEECH 99 N983MA	.1ST OFF MRGL I CR- 0 0 2	COMMERCIAL COMMUTER AIR CARRIER	ATP,FLIGHT INSTR., AGE 25, 3909 TOTAL HOURS, 2235 IN TYPE, INSTRUMENT
-3964	PILOT IN MISCELLA REMARKS- D 11/18/79 TIME - 163 NAME OF AI DEPARTURE	B COMMAND - PHYSI NEOUS ACTS,CONDI SCNDD BLO MDA.IN BANGOR,ME 7 RPORT - BANGOR POINT E CIDENT	CAL IMPAIRMENT TIONS - PILOT FATIGUE DRDINATE MGMT PRESSURES BEECH 99 N983MA DAMAGE-SUBSTANTIAL INTENDED DESTINATION	•1ST OFF MRGL I CR- 0 0 2 PX- 0 0 13 PHASE 0	COMMERCIAL COMMUTER AIR CARRIER	ATP,FLIGHT INSTR., AGE 25, 3909 TOTAL HOURS, 2235 IN TYPE, INSTRUMENT

FILE	DATE	LOCATION	AIRCRAFT DATA		RIES S M/N		PILOT DATA				
3-0162	2/7/79 TIME - 2		CESSNA 500 N186MW DAMAGE-SUBSTANTIAL	CR- 0		COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	AIRLINE TRANSPORT, AGE 49, 7780 TOTAL HOURS, 742 IN TYPE, INSTRUMENT RATED.				
		AIRPORT - LOGAN INTL E POINT									
	BOSTON		INTENDED DESTINATION DETROIT,MI								
		ACCIDENT	DETROITINI	t	PHASE (	OF OPERATION					
	GROUND	-WATER LOOP-SWERVE			TAKEC	OFF RUN					
	COLLID	DED WITH OBJECT			ΤΑΚΕΟ	DFF ABOR TED					
	PROBABLE	CAUSE(S)									
			TO MAINTAIN DIRECTION	L CONTRO	)L						
	FACTOR (S										
	WEATHER - SNOW WEATHER - LOW CEILING										
		Τς / ΔΙΡ ₩ΔΥς /ΕΔΓΙΙΤΤΙΡ	S - AIRPORT CONDITIONS	OTHER							
			S - AIRPORT CONDITIONS BY FLIGHT SERVICE PERSO		N PERSO	DN					
	WEATHER	BRIEFING - BRIEFED E			N PERSO	DN					
	WEATHER WEATHER	BRIEFING - BRIEFED E FORECAST - FORECAST	BY FLIGHT SERVICE PERSO	NNEL, IN							
	WEATHER WEATHER SKY COND	BRIEFING - BRIEFED E FORECAST - FORECAST ITION	BY FLIGHT SERVICE PERSO	NNEL, IN	CEILING	DN G AT ACCIDENT SITE					
	WEATHER WEATHER SKY COND OBSCUR	BRIEFING - BRIEFED E FORECAST - FORECAST ITION ATION	BY FLIGHT SERVICE PERSO	DNNEL, IN	EILING 800	G AT ACCIDENT SITE	TE				
	WEATHER WEATHER SKY COND OBSCUR VISIBILI	BRIEFING - BRIEFED E FORECAST - FORECAST ITION ATION TY AT ACCIDENT SITE	BY FLIGHT SERVICE PERSO	DNNEL, IN	CEILING 800 PRECIPI		ТЕ				
	WEATHER WEATHER SKY COND OBSCUR VISIBILI 1 MILE	BRIEFING - BRIEFED E FORECAST - FORECAST ITION ATION	BY FLIGHT SERVICE PERSO SUBSTANTIALLY CORRECT	)NNEL, IN C	CEILING 800 PRECIPI SNOW	G AT ACCIDENT SITE	ТЕ				
	WEATHER WEATHER SKY COND OBSCUR VISIBILI 1 MILE OBSTRUCT BLOWIN	BRIEFING - BRIEFED E FORECAST - FORECAST ITION ATION TY AT ACCIDENT SITE OR LESS IONS TO VISION AT AC IG SNOW	BY FLIGHT SERVICE PERSO SUBSTANTIALLY CORRECT	)NNEL, IN C	CEILING 800 PRECIPI SNOW RELATIN	G AT ACCIDENT SITE ITATION AT ACCIDENT SI					
	WEATHER WEATHER SKY COND OBSCUR VISIBILI 1 MILE OBSTRUCT BLOWIN TEMPERAT	BRIEFING - BRIEFED E FORECAST - FORECAST ITION ATION TY AT ACCIDENT SITE OR LESS IONS TO VISION AT AC IG SNOW URE-F	BY FLIGHT SERVICE PERSO SUBSTANTIALLY CORRECT	JNNEL, IN C F R	CEILING 800 PRECIPI SNOW RELATIV LEFT IND DI	G AT ACCIDENT SITE ITATION AT ACCIDENT SI VE BEARING OF WIND					
	WEATHER WEATHER SKY COND OBSCUR VISIBILI 1 MILE OBSTRUCT BLOWIN TEMPERAT 19	BRIEFING - BRIEFED E FORECAST - FORECAST ITION ATION TY AT ACCIDENT SITE OR LESS IONS TO VISION AT AC IG SNOW URE-F	BY FLIGHT SERVICE PERSO SUBSTANTIALLY CORRECT	DNNEL, IN C F R h	CEILING 800 PRECIPI SNOW RELATIV LEFT IND DI 350	G AT ACCIDENT SITE ITATION AT ACCIDENT SI VE BEARING OF WIND QUARTERING TAIL WIND 3 IRECTION-DEGREES					
	WEATHER WEATHER SKY COND OBSCUR VISIBILI 1 MILE OBSTRUCT BLOWIN TEMPERAT 19 WIND VEL	BRIEFING - BRIEFED E FORECAST - FORECAST ITION ATION TY AT ACCIDENT SITE OR LESS IONS TO VISION AT AC IG SNOW URE-F	BY FLIGHT SERVICE PERSO SUBSTANTIALLY CORRECT	DNNEL, IN C F R h	CEILING 800 PRECIPI SNOW RELATIV LEFT VIND DI 350 IYPE OF	G AT ACCIDENT SITE ITATION AT ACCIDENT SI VE BEARING OF WIND QUARTERING TAIL WIND : IRECTION-DEGREES = WEATHER CONDITIONS					
	WEATHER WEATHER SKY COND OBSCUR VISIBILI 1 MILE OBSTRUCT BLOWIN TEMPERAT 19 WIND VEL 11	BRIEFING - BRIEFED E FORECAST - FORECAST ITION ATION TY AT ACCIDENT SITE OR LESS IONS TO VISION AT AC IG SNOW URE-F	BY FLIGHT SERVICE PERSO SUBSTANTIALLY CORRECT	DNNEL, IN C F R h	CEILING 800 PRECIPI SNOW RELATIV LEFT VIND DI 350 IYPE OF	G AT ACCIDENT SITE ITATION AT ACCIDENT SI VE BEARING OF WIND QUARTERING TAIL WIND 3 IRECTION-DEGREES					
	WEATHER WEATHER SKY COND OBSCUR VISIBILI 1 MILE OBSTRUCT BLOWIN TEMPERAT 19 WIND VEL 11	BRIEFING - BRIEFED E FORECAST - FORECAST ITION ATION TY AT ACCIDENT SITE OR LESS IONS TO VISION AT AC IG SNOW URE-F DCITY-KNOTS	BY FLIGHT SERVICE PERSO SUBSTANTIALLY CORRECT	DNNEL, IN C F R h	CEILING 800 PRECIPI SNOW RELATIV LEFT VIND DI 350 IYPE OF	G AT ACCIDENT SITE ITATION AT ACCIDENT SI VE BEARING OF WIND QUARTERING TAIL WIND : IRECTION-DEGREES = WEATHER CONDITIONS					
	WEATHER WEATHER SKY COND OBSCUR VISIBILI 1 MILE OBSTRUCT BLOWIN TEMPERAT 19 WIND VEL 11 TYPE OF IFR FIRE AFT	BRIEFING - BRIEFED F FORECAST - FORECAST ITION ATION TY AT ACCIDENT SITE OR LESS IONS TO VISION AT AC IG SNOW URE-F OCITY-KNOTS FLIGHT PLAN ER IMPACT	BY FLIGHT SERVICE PERSO SUBSTANTIALLY CORRECT	JNNEL, IN C F R J	CEILING 800 PRECIPI SNOW RELATIV LEFT VIND DI 350 TYPE DF IFR	G AT ACCIDENT SITE ITATION AT ACCIDENT SI VE BEARING OF WIND QUARTERING TAIL WIND A IRECTION-DEGREES WEATHER CONDITIONS					
	WEATHER WEATHER SKY COND OBSCUR VISIBILI 1 MILE OBSTRUCT BLOWIN TEMPERAT 19 WIND VEL 11 TYPE OF IFR FIRE AFT	BRIEFING - BRIEFED F FORECAST - FORECAST ITION ATION TY AT ACCIDENT SITE OR LESS IONS TO VISION AT AC IG SNOW URE-F OCITY-KNOTS FLIGHT PLAN ER IMPACT	BY FLIGHT SERVICE PERSO SUBSTANTIALLY CORRECT	JNNEL, IN C F R J	CEILING 800 PRECIPI SNOW RELATIV LEFT VIND DI 350 TYPE DF IFR	G AT ACCIDENT SITE ITATION AT ACCIDENT SI VE BEARING OF WIND QUARTERING TAIL WIND A IRECTION-DEGREES WEATHER CONDITIONS					
	WEATHER WEATHER SKY COND OBSCUR VISIBILI 1 MILE OBSTRUCT BLOWIN TEMPERAT 19 WIND VEL 11 TYPE OF IFR FIRE AFT	BRIEFING - BRIEFED F FORECAST - FORECAST ITION ATION TY AT ACCIDENT SITE OR LESS IONS TO VISION AT AC IG SNOW URE-F OCITY-KNOTS FLIGHT PLAN ER IMPACT	BY FLIGHT SERVICE PERSO SUBSTANTIALLY CORRECT	JNNEL, IN C F R J	CEILING 800 PRECIPI SNOW RELATIV LEFT VIND DI 350 TYPE DF IFR	G AT ACCIDENT SITE ITATION AT ACCIDENT SI VE BEARING OF WIND QUARTERING TAIL WIND A IRECTION-DEGREES WEATHER CONDITIONS					
	WEATHER WEATHER SKY COND OBSCUR VISIBILI 1 MILE OBSTRUCT BLOWIN TEMPERAT 19 WIND VEL 11 TYPE OF IFR FIRE AFT	BRIEFING - BRIEFED F FORECAST - FORECAST ITION ATION TY AT ACCIDENT SITE OR LESS IONS TO VISION AT AC IG SNOW URE-F OCITY-KNOTS FLIGHT PLAN ER IMPACT	BY FLIGHT SERVICE PERSO SUBSTANTIALLY CORRECT	JNNEL, IN C F R J	CEILING 800 PRECIPI SNOW RELATIV LEFT VIND DI 350 TYPE DF IFR	G AT ACCIDENT SITE ITATION AT ACCIDENT SI VE BEARING OF WIND QUARTERING TAIL WIND A IRECTION-DEGREES WEATHER CONDITIONS					

FILE	DATE	LOCATION	AIRCRAFT DATA		IJURI F S		FLIGHT PURPOSE	PILOT DATA
	1/19/79 TIME - 19		AEROSTAR 601 N7437S DAMAGE-DESTROYED	CR- PX-	1 3	0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	COMMERCIAL, AGE 44, 264 TOTAL HOURS, 195 IN TYP INSTRUMENT RATED.
			Y INTL INTENDED DESTINATION MARQUETTE,MI					
	TYPE OF A COLLISI	CCIDENT ON WITH GROUND/WATE	R UNCONTROLLED				F OPERATION NG LEVEL OFF/TOUCHDOW	N
	PILOT I MISCELL FACTOR(S) WEATHER WEATHER	N COMMAND - INITIA N COMMAND - FAILED ANEOUS ACTS,CONDIT - ICING CONDITIONS - WIND SHEAR	TED FLIGHT IN ADVERSE W TO FOLLOW APPROVED PRO IONS - AIRFRAME ICE S-INCLUDES SLEET,FREEZI	CEDUR	ES,D	RECT		
	WEATHER B WEATHER F	RIEFING - BRIEFED B ORECAST - FORECAST	SUBSTANTIALLY CORRECT RCED LANDING ON AIRPOR					
					PRI	500 C I P I	AT ACCIDENT SITE TATION AT ACCIDENT SIT ING RAIN	E
	OBSTRUCTI FOG TEMPERATU	DNS TO VISION AT AC	CIDENT SITE		REI	ATIV EFT D DI	E BEARING OF WIND QUARTERING TAIL WIND 2 RECTION-DEGREES	03-247 DEGREES
	13	CITY-KNOTS LIGHT PLAN	· · ·		TYP	L20 PE OF [FR	WEATHER CONDITIONS	
3-2602	10/17/79 TIME - 21	NR.LANSING.MI 00	CESSNA 402A N7809Q DAMAGE—SUBSTANTIAL				COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	AIRLINE TRANSPORT, AGE 41, 5000 TOTAL HOURS, 7 IN TYPE, INSTRUMENT RATED.
	DEPARTURE DETROIT TYPE OF A	MI	INTENDED DESTINATION LANSING,MI		пц		FOPERATION	
		E FAILURE IN FLIGH	т				IGHT CLIMB TO CRUISE	
	PROBABLE ( POWERPL	CAUSE(S) ANT - EXHAUST SYSTE	M OTHER					

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	1/4/79				F	SΜ	/N	FLIGHT PURPOSE	·
		5	CESSNA 207 N1597U DAMAGE-SUBSTANTIAL	CR-	0 0	0 0	1 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	COMMERCIAL, AGE 26, 3186 TOTAL HOURS, 29 IN TYPE, INSTRUMENT RATED.
	DEPARTURE MILWAUKE TYPE OF AC ENGINE F	E,WI	NTENDED DESTINATION MINNEAPOLIS+MN ON		P	IN	FĻ	F DPERATION IGHT DESCENDING IGHT DESCENDING	
	MISCELLA MISCELLA COMPLETE P EMERGENCY	NT - ENGINE STRUCTU NEOUS ACTS,CONDITIO NEOUS ACTS,CONDITIO OWER LOSS - COMPLET CIRCUMSTANCES - FOR	RE CYLINDER ASSEMBLY NS - MATERIAL FAILUR NS - FIRE IN CABIN,CC E ENGINE FAILURE/FLA CED LANDING ON AIRPOR D FM BARREL BREAKING	E DCKPIT MEOUT- RT/SEA	-1 E	NG I NE	NE		
2478	3/1/79 TIME - 150	•	BEECH BE-70 N777AE DAMAGE-DESTROYED					COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	COMMERCIAL, AGE 29, 1528 TOTAL HOURS, 15 IN TYPE, INSTRUMENT RATED.
<b>.</b>	NAME OF AI DEPARTURE HOUSTON, TYPE OF AC STALL	тх	LOXI NTENDED DESTINATION NEW ORLEANS,LA			GU PHAS	LFPI E O	ROUTE STOP DRT,MS F OPERATION NG TRAFFIC PATTERN-CIRCL	ING
	MISCELLA FACTOR(S) PILOT IN PERSONNE PERSONNE PERSONNE MISCELLA SYSTEMS	COMMAND - FAILED T NEOUS ACTS,CONDITIO COMMAND - INADEOUA L - MAINTENANCE,SER L - OPERATIONAL SUP L - RULES,REGULATIO NEOUS ACTS,CONDITIO - FLIGHT CONTROL SY	ERVISORY PERSONNEL D NS,STANDARDS PERSONN NS - IMPROPERLY LOADE STEMS WING FLAP CON	NCY PR ION A NADEQU DEFICI EL ED AIR TROL S	OCE ND/ JATE ENC CRA	DUR OR IN Y,C FT-	PLA SPE DMP WEI ELE	CTION OF AIRCRAFT (MAINTE ANY MAINTAINED EOPMT,SERV GHT-AND/OR C.G.	ICES, REGULATION
0543	TIME - 095	ST LOUIS,MO 4 RPORT - LAMBERT FLD		PX-	0	0	3	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	COMMERCIAL, AGE 22, 2000 TOTAL HOURS, 47 IN TYPE, INSTRUMENT RATED.
	DEPARTURE FT LEONA TYPE OF AC	POINT I RD WOOD,MO CIDENT	NTENDED DESTINATION ST LOUIS,MO		Ρ			FOPERATION	
	PROBABLE C PILOT IN COPILOT			(GHT		I A.	× 1	FROM LANDING	

			BRIEF	S OF AC	CIDE	ITS		
FILE			AIRCRAFT DATA	INJ F	S M	/N	PURPOSE	PILOT DATA
3-1045	6/11/79 TIME - 21	ST LOUIS,MO 52	DEHAVILLAND DH 104	CR- (	0 (	2	COMMERCIAL	
	NAME OF A DEPARTURE KANSAS TYPE OF A GEAR RE	CITY.MO CCIDENT	INTENDED DESTINATION ST LOUIS,MO			-	F OPERATION NG ROLL	
	AIRFRAM MISCELL MISCELL	EL - MAINTENANCE,S E - LANDING GEAR ANEOUS ACTS,CONDIT ANEOUS ACTS,CONDIT	NORMAL RETRACTION/EXTEN IONS - IMPROPERLY INSTA IONS - CHAFED DOWN PORT ON NLG ACTUAT	ISION AS	SEMB	LY	ANCE (MAINTENANCE PERSO	DNNEL)
3-3125	7/25/79 TIME - 21	'FT WOOD,MO 10	N3785B	РХ- (	) ()	5	COMMUTER AIR CARRIER	ATP,FLIGHT INSTR., AGE 26, 2305 TOTAL HOURS, 490 IN TYPE, INSTRUMENT RATED.
		MO CCIDENT	F INTENDED DESTINATION FT WOOD,MO	·			F OPERATION NG LEVEL OFF/TOUCHDOW	
	AIRFRAM MISCELL MISCELL EMERGENCY	EL - MAINTENANCE,SI E - LANDING GEAR ANEOUS ACTS,CONDIT ANEOUS ACTS,CONDIT CIRCUMSTANCES - PI S	IONS - LOOSE,PART/FITT RECAUTIONARY LANDING ON USPECTED OR KNOWN AIRCF	NSION AS Ing I Airpor Raft Dam	SEMB T MAGE	LY	ENANCE AND INSPECTION APER PINS LOOSE.INSP IT	TEM NOT SIGNED OFF.

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FILE	DATE LOCATION	AIRCRAFT DATA	INJURIES	FLIGHT	PILOT DATA
 3-0172	1/15/79 MISSOULA.MT	HANDLY-PAGE HP-137			AIRLINE TRANSPORT, AGE
	TIME - 2351 NAME OF AIRPORT - MISSOULA C	N14RJ DAMAGE-SUBSTANTIAL	PX- 0 0 2	COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	50, 15725 TOTAL HOURS, 317 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT MISSOULA,MT	INTENDED DESTINATION KALISPELL,MT			
	TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE COLLIDED WITH SNOWBANK		TAKEO	DF OPERATION FF RUN DFF RUN	
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED FACTOR(S)	TO MAINTAIN DIRECTIONA	L CONTROL		
	AIRPORTS/AIRWAYS/FACILITIE PERSONNEL - AIRPORT SUPER PERSONNEL - AIRPORT SUPER PERSONNEL - AIRWAYS FACILI	/ISORY PERSONNEL FAILU /ISORY PERSONNEL IMPRO	RE TO NOTIFY O PER/INADEQUATE	F UNSAFE COND/AND OR SNOW REMOVAL	FAILURE TO MARK OBSTRUCTION
	REMARKS- LH MAIN WHEEL ENC &				FULLY PLOWED.
3 <b>-</b> 2046	7/20/79 LAS VEGAS,NV TIME - 1133	CESSNA 402B N53SA DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 2 7	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	ATP,FLIGHT INSTR., AGE 43, 3537 TOTAL HOURS, 4] IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - MCCARRAN I DEPARTURE POINT LAS VEGAS.NV	NT <sup>1</sup> L INTENDED DESTINATION GRAND CANYON,AZ			
-	TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCT WHEELS-UP	ION	TAKEO	DF OPERATION FF INITIAL CLIMB NG LEVEL OFF/TOUCHDC	DMN
	PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS FACTOR(S)		OR UNDETERMINE	D REASONS	
	WEATHER - HIGH DENSITY ALT TERRAIN - ROUGH/UNEVEN COMPLETE POWER LOSS - COMPLE WEATHER BRIEFING - COMPANY (	TE ENGINE FAILURE/FLAM	EOUT-1 ENGINE	; ·	
	WEATHER FORECAST - FORECAST EMERGENCY CIRCUMSTANCES - FO	SUBSTANTIALLY CORRECT	ORT ON LAND		
	SKY CONDITION BROKEN		CEILING 5000	AT ACCIDENT SITE	
	VISIBILITY AT ACCIDENT SITE 5 OR OVER(UNLIMITED) OBSTRUCTIONS TO VISION AT AG		PRECIPI NONE TEMPERA	TATION AT ACCIDENT SI	TE
	NONE WIND DIRECTION-DEGREES		71 WIND VE	ELOCITY-KNOTS	
	240 TYPE OF WEATHER CONDITIONS VFR		8 TYPE OF OTHER		
	REMARKS- PILOT TURNED 150 DI	EGREES BACK TOWARD ARPT	•TCA FLT PLAN.	DENSITY ALT APPROX 35	00 FI.

			BRIEFS	-			-		
FILE	DATE	LOCATION	AIRCRAFT DATA	IN	JUR F	IES S M	/N	FLIGHT PURPOSE	PILOT DATA
3-0403	1/31/79 TIME - 101 NAME OF AI DEPARTURE BOSTON.M TYPE OF AC	LACONIA,NH 5 RPORT - LACONIA POINT A	PIPER PA-31 N2ZM DAMAGE-SUBSTANTIAL INTENDED DESTINATION LACONIA,NH	CR- PX-	0 0	0 0 PHAS	2 2 E 0	COMMERCIAL COMMUTER AIR CARRIER	COMMERCIAL, AGE 30, 6000 TOTAL HOURS, 1390 IN TYPE, INSTRUMENT RATED.
	FACTOR(S)	I COMMAND - MISJUE	DGED CLEARANCE ES - AIRPORT CONDITIONS	S SNO	W O	IN R	UNW	AY	· · ·
3-2629	7/11/79 TIME - 125	ATLANTIC CITY,NJ O	J TED SMITH TS-600 N500TS DAMAGE-SUBSTANTIAL	РХ <del>-</del>					AIRLINE TRANSPORT, AGE 27, 2870 TOTAL HOURS, 26 IN TYPE, INSTRUMENT RATED.
·	DEPARTURE		INTENDED DESTINATION BALTIMORE,MD		P			- OPERATION NG LEVEL OFF/TOUCHDOWN	
	FACTOR(S) PILOT IN	COMMAND - FAILED COMMAND - DIVERT	TO EXTEND LANDING GEAR ED ATTENTION FROM OPERA OTR COMPANY TFC.FLT RT	TION				T JSE OF BLOCKED AIRSPACE	IN BAL AREA.
3-3565	11/21/79 TIME - 010	TETERBORO≠NJ 7	PIPER PA-31 N6569L DAMAGE-SUBSTANTIAL	PX-				COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	ATP,FLIGHT INSTR., AGE 32, 4955 TOTAL HOURS, 150 IN TYPE, INSTRUMENT RATED.
		•CT CIDENT DING	) INTENDED DESTINATION TETERBORD+NJ		Ρ	HASI		- OPERATION NG LEVEL OFF/TOUCHDOWN	

BRIEFS OF ACCIDENTS \_\_\_\_\_ FILE DATE LOCATION AIRCRAFT DATA INJURIES FLIGHT PILOT DATA F S M/N PURPOSE 3-2800 4/9/79 ALBUQUERQUE,NM CESSNA 402 CR- 0 0 1 COMMERCIAL ATP, FLIGHT INSTR., AGE 27, 3193 TOTAL HOURS, 168 TIME - 2030 N4514Q PX- 0 0 5 COMMUTER AIR CARRIER DAMAGE-SUBSTANTIAL AIR TAXI-PASSG S-D IN TYPE, INSTRUMENT RATED. NAME OF AIRPORT - ALBUQUERQUE INTL DEPARTURE POINT INTENDED DESTINATION LAS CRUCES,NM ALBUQUERQUE, NM TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH PARKED AIRCRAFT TAXI FROM LANDING PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT FACILITIES RAMP FACILITIES REMARKS- NO LIGHTING IN PORTION OF RAMP WHERE COLLISION OCCURED.COLLIDED WITH C402,N402LV,MINOR DAMAGE. 3-0913 2/24/79 ONEONTA, NY BEECH 58 CR- 0 1 0 COMMERCIAL AIRLINE TRANSPORT, AGE PX- 0 3 2 COMMUTER AIR CARRIER 49, 14700 TOTAL HOURS, TIME - 1107 N17574 DAMAGE-DESTROYED AIR TAXI-PASSG S-D 1000 IN TYPE, INSTRUMENT RATED. NAME OF AIRPORT - ONEONTA MUNICIPAL DEPARTURE POINT INTENDED DESTINATION 53 NEWARK .NJ ONEONTA, NY TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH OBJECT LANDING MISSED APPROACH PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IFR OPERATION FACTOR(S) WEATHER - LOW CEILING WEATHER - FOG WEATHER BRIEFING - COMPANY DISPATCH WEATHER FORECAST - UNKNOWN/NOT REPORTED SKY CONDITION CEILING AT ACCIDENT SING OBSCURATION 500 PRECIPITATION AT ACCIDENT SITE VISIBILITY AT ACCIDENT SITE 1 MILE OR LESS RAIN OBSTRUCTIONS TO VISION AT ACCIDENT SITE RELATIVE BEARING OF WIND LEFT CROSS WIND 248-292 DEGREES FOG WIND DIRECTION-DEGREES TEMPERATURE-F 40 310 TYPE OF WEATHER CONDITIONS -WIND VELOCITY-KNOTS 5 IFR TYPE OF FLIGHT PLAN IFR REMARKS- COLLIDED WITH UPROOTED TREE STUMP AND SNOW COVERED GROUND.

FILE	DATE	LOCATION	AIRCRAFT DATA		FS	M/N	FLIGHT PURPOSE	PILOT DATA
3-1088		NEWBURG,NY 315	BEECH E-18 N149PA DAMAGE-DESTROYED	PX-	0 1	ó	COMMERCIAL COMMUTER AIR CARRIER	AIRLINE TRANSPORT, AGE 29, 3897 TOTAL HOURS, 99 IN TYPE, INSTRUMEN RATED.
	DEPARTUR BOSTON TYPE OF	ACCIDENT	INTENDED DESTINATION NEWBURG,NY				FOPERATION	
	STALL	MUSH	·		L	ANDI	NG GO-AROUND	
	FACTOR (S MISCEL	IN COMMAND - IMPRO ) LANEOUS ACTS,CONDI	PER IN-FLIGHT DECISIONS TIONS - AIRFRAME ICE					
	PILOT FACTOR(S MISCEL WEATHER WEATHER	IN COMMAND - IMPRO ) LANEOUS ACTS,CONDI R - ICING CONDITIO BRIEFING - BRIEFED		ING RAI	IN,ET	C.	N	
	PILOT FACTOR(S MISCEL WEATHER WEATHER WEATHER SKY COND	IN COMMAND - IMPRO LANEOUS ACTS,CONDI C - ICING CONDITIO BRIEFING - BRIEFED FORECAST - FORECAS	TIONS - AIRFRAME ICE NS-INCLUDES SLEET,FREEZ BY FLIGHT SERVICE PERS	ING RAI	IN,ET IN P CEI	C. ERSO	N AT ACCIDENT SITE	
	PILOT FACTOR(S MISCELI WEATHER WEATHER WEATHER SKY COND BROKEN VISIBILI	IN COMMAND - IMPRO LANEOUS ACTS,CONDI C - ICING CONDITIO BRIEFING - BRIEFED FORECAST - FORECAS	TIONS - AIRFRAME ICE NS-INCLUDES SLEET,FREEZ BY FLIGHT SERVICE PERS T SUBSTANTIALLY CORRECT	ING RAI	IN,ET IN P CEI 7 PRE	C. ERSO LING 00		
	PILOT FACTOR(S MISCEL WEATHER WEATHER WEATHER SKY COND BROKEN VISIBILIT 3 MILE	IN COMMAND - IMPRO LANEOUS ACTS,CONDI CONDITIO BRIEFING - BRIEFED FORECAST - FORECAS ITION	TIONS - AIRFRAME ICE NS-INCLUDES SLEET,FREEZ BY FLIGHT SERVICE PERS T SUBSTANTIALLY CORRECT E	ING RAI	IN,ET IN P CEI 7 PRE	C. ERSO OO CIPI ONE PERA	AT ACCIDENT SITE	
	PILOT FACTOR(S MISCEL WEATHER WEATHER WEATHER SKY COND BROKEN VISIBILIT 3 MILE OBSTRUCT FOG	IN COMMAND - IMPRO LANEOUS ACTS,CONDI CONDITIO BRIEFING - BRIEFED FORECAST - FORECAS ITION TY AT ACCIDENT SIT S OR LESS	TIONS - AIRFRAME ICE NS-INCLUDES SLEET,FREEZ BY FLIGHT SERVICE PERS T SUBSTANTIALLY CORRECT E	ING RAI	IN,ET IN P CEI 7 PRE N TEM 3 WIN 1	C. ERSO OO CIPI ONE PERA 7 D VE	AT ACCIDENT SITE TATION AT ACCIDENT SITE	≣

BRIEFS OF ACCIDENTS

BRIEFS OF ACCIDENTS

		BRIEF	S OF ACCIDENTS				
FILE	DATE LOCATION		F S M/N	FLIGHT PURPOSE	PILOT DATA		
	8/21/79 HICKDRY,NC TIME - 2235	PIPER PA-32 N44522 DAMAGE-DESTROYED	CR- 0 1 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	ATP,FLIGHT INSTR., AGE 26, 4438 TOTAL HOURS, 86 IN TYPE, INSTRUMENT RATED.		
	NAME OF AIRPORT - HICKOR DEPARTURE POINT CHARLOTTE,NC	Y MUNICIPAL INTENDED DESTINATION HICKORY,NC					
	TYPE OF ACCIDENT ENGINE FAILURE OR MALF COLLIDED WITH RUNWAY		LAND	DF OPERATION ING TRAFFIC PATTERN-CIR ING FINAL APPROACH	CLING		
	MISCELLANEOUS ACTS,CON MISCELLANEOUS ACTS,CON FACTOR(S)	ROPER OPERATION OF POWERP DITIONS - ANTI-ICING/DEIC DITIONS - ICE-CARBURETOR ONDUCIVE TO CARB./INDUCTI	CING EQUIPMENT	IMPROPER OPERATION OF/OR	FAILED TO USE		
	TERRAIN - HIGH OBSTRUC PARTIAL POWER LOSS - PAR		IGINE				
	SKY CONDITION SCATTERED		CEILIN 12000	G AT ACCIDENT SITE			
	VISIBILITY AT ACCIDENT S 5 OR OVER(UNLIMITED) OBSTRUCTIONS TO VISION A		PRECIP DRIZZ TEMPER	ITATION AT ACCIDENT SITE			
	HAZE WIND DIRECTION-DEGREES 80		73 WIND VELOCITY-KNOTS 4				
	TYPE OF WEATHER CONDITIC VFR REMARKS- COLLIDED W APCH	•		FLIGHT PLAN			
-2169	9/14/79 PHILADELPHIA,	PA PIPER PA-23	CR- 0 0 1	COMMERCIAL	COMMERCIAL, AGE 23, 1423		
and and a second s	TIME - 0025 NAME OF AIRPORT - PHILAD	N8017J DAMAGE-SUBSTANTIAL		COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	TOTAL HOURS, 30 IN TYPE, NOT INSTRUMENT RATED.		
	DEPARTURE POINT NEWARK,NJ						
	TYPE OF ACCIDENT COLLIDED WITH AUTOMOB	ILE		DF OPERATION FROM LANDING			
		LED TO SEE AND AVOID OBJE OUS-PERSONNEL DRIVER OF ALONG RAMP		TIONS			
			. •				
			PAGE 44				

		,	BRIEF	S OF A					
FILE	DATE	LOCATION	AIRCRAFT DATA	IN	JUR F	IE: S	5 M/N	FLIGHT	
	11/2/79 TIME - 111 DEPARTURE GREENVIL TYPE OF AC ENGINE F	GREENVILLE,SC 2 RPORT - GREENVILLE POINT LE,SC	PIPER PA-31 N66893 DAMAGE-DESTROYED DWNTWN INTENDED DESTINATION COLUMBIA,SC		1 4	0 2 HA	0 0 SE C		COMMERCIAL, AGE 60, 18000 TOTAL HOURS, 4 IN TYPE, INSTRUMENT RATED.
	FACTOR(S) PERSONNE TERRAIN PARTIAL PO EMERGENCY FIRE AFTER	NT - MISCELLANEOUS - HIGH OBSTRUCTION WER LOSS - PARTIAL CIRCUMSTANCES - FO IMPACT	LOSS OF POWER - 1 EN RCED LANDING OFF AIRP	NADEQUA GINE ORT ON	L A	M	INT		s NCW.
1-0003	2/24/79 TIME - 004	• MEMPHIS,TN 0	N12VT	PX-	0	0	0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	AIRLINE TRANSPORT, AGE 37, 7300 TOTAL HOURS, 120 IN TYPE, INSTRUMENT RATED.
	DEPARTURE CEDAR RA TYPE OF AC	PIDS.IA	INTENDED DESTINATION MEMPHIS,TN		Ρ	SF HAS	PRIN SE O	ROUTE STOP GFIELD,IL F OPERATION FROM LANDING	
	PROBABLE C PERSONNEI FIRE AFTER	- TRAFFIC CONTRO	L PERSONNEL ISSUED IN	IPROPER	0	RC	0NF	LICTING INSTRUCTIONS	
3-2624	11/1/79 TIME - 171 <sup>-</sup>		CESSNA U206D N71967 DAMAGE-SUBSTANTIAL	РX-				COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	AIRLINE TRANSPORT, AGE 57, 13262 TOTAL HOURS, 22 IN TYPE, INSTRUMENT RATED.
	DEPARTURE A LUBBOCK, TYPE OF ACC	TX CIDENT N WITH GROUND/WATE	INTENDED DESTINATION FORT WORTH,TX		PI	T	KEO	F OPERATION FF ABORTED FF ABORTED	
	FACTOR(S)	COMMAND - IMPROPE	R LEVEL OFF ONS - OVERLOAD FAILURI	E					

		BRIEF	S OF ACCIDENTS		
FILE	DATE LOCATION	AIRCRAFT DATA	F S M/N	PURPOSE	PILOT DATA
	4/4/79 RICHMOND.VA TIME - 2227 NAME OF AIRPORT - RICHARD DEPARTURE POINT RALEIGH.NC TYPE OF ACCIDENT COLLIDED WITH AIRPORT F	TED SMITH 600 N702HB DAMAGE-SUBSTANTIAL E-BYRD INTENDED DESTINATION RICHMOND,VA	CR- 0 0 1 PX- 0 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D F OPERATION FROM LANDING	COMMERCIAL, AGE 27, 2994 TOTAL HOURS, 1500 IN TYPE, INSTRUMENT RATED.
	FACTOR(S) MISCELLANEOUS ACTS,COND WEATHER - FOG WEATHER - RAIN		Y+FOGGY+ETCRE S HIDDEN HAZARI	D	
	SKY CONDITION OVERCAST VISIBILITY AT ACCIDENT SI 1 MILE OR LESS OBSTRUCTIONS TO VISION AT FOG WIND VELOCITY-KNOTS 10 TYPE OF FLIGHT PLAN IFR REMARKS- INSTRUCTED TAXI O	ACCIDENT SITE	400 PRECIPI DRIZZ WIND DI 310 TYPE OF IFR	RECTION-DEGREES	RLINE ON TAXIWAY.
-0052	1/15/79 WISCONSIN RPDS TIME - 0605	WI SWEARINGEN SA-226 N160MA DAMAGE-SUBSTANTIAL	PX- 0 0 9	COMMERCIAL Commuter AIR Carrier AIR TAXI-PASSG S-D	AIRLINE TRANSPORT, AGE 33, 5883 TOTAL HOURS, 235 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - ALEXAND DEPARTURE POINT CHICAGO.IL TYPE OF ACCIDENT GROUND-WATER LOOP-SWERV COLLIDED WITH SNOWBANK PROBABLE CAUSE(S) PILOT IN COMMAND - IMPR(	INTENDED DESTINATION WISCONSIN RPDS,WI	L AND I L AND I	F OPERATION NG LEVEL OFF/TOUCHDOWN NG ROLL	
	FACTOR(S) AIRPORTS/AIRWAYS/FACILI AIRPORTS/AIRWAYS/FACILI	ED TO INITIATE GO-AROUND TIES - AIRPORT FACILITIE TIES - AIRPORT CONDITION TIES - AIRPORT CONDITION	S RUNWAY LIGHT S SNOW ON RUNW. S SNOW WINDROW	AY S	

	· .		-	S OF ACCIDENT						
FILE			AIRCRAFT DATA	INJURIES F S M/	FLIGHT N PURPOSE	PILOT DATA				
		CHEYENNE, WY	DEHAVILLAND DHC-6	CR- 0 0	2 COMMERCIAL	AIRLINE TRANSPORT, AGE 26, 3742 TOTAL HOURS, 794 IN TYPE, INSTRUMENT RATED.				
	NAME OF AIRPORT - CHEYENNE MUNI         DEPARTURE POINT       INTENDED DESTINATION       LAST ENROUTE STOP         DENVER.CO       RETURN       CHEYENNE.WY         TYPE OF ACCIDENT       PHASE OF OPERATION         ENGINE FAILURE OR MALFUNCTION       TAKEOFF INITIAL CLIMB         COLLISION WITH GROUND/WATER CONTROLLED       TAKEOFF INITIAL CLIMB									
	POWERPLAN MISCELLAN MISCELLAN PILOT IN MISCELLAN FACTOR(S) POWERPLAN MISCELLAN PARTIAL POW	- MAINTENANCE, SER T - TURBINE ASSEME IEOUS ACTS, CONDITION IEOUS ACTS, CONDITION IEOUS ACTS, CONDITION COMMAND - FAILED TO IEOUS ACTS, CONDITION IT - PROPELLER SYST IEOUS ACTS, CONDITION IEOUS ACT	BLY BLADE, TURBINE WHO DNS - MATERIAL FAILURE DNS - OVERHEATED DNS - PREVIOUS DAMAGE TO FOLLOW APPROVED PRO DNS - IMPROPER EMERGEN TEM CONTROL UNIT, PCV DNS - FATIGUE FRACTURE LOSS OF POWER - 1 ENG	EEL DCEDURES,DIRE ICY PROCEDURE SINE	· · · ·					
3–1079	TIME - 0611 NAME OF AIR DEPARTURE P AGUADILLA TYPE OF ACC	PORT - PUERJO RICO OINT I •PR		PHASE	1 COMMERCIAL 0 COMMUTER AIR CARRIER 1 AIR TAXI-PASSG S-D 0F OPERATION I FROM LANDING	COMMERCIAL, AGE 22, 3200 TOTAL HOURS, 160 IN TYPE, INSTRUMENT RATED.				
		- MISCELLANEOUS-F	PERSONNEL DRIVER OF N IWAY COLLIDED WITH AC							

· .

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3982	7/24/79 TIME - 09	ST CROIX,USVI 922	DEHAVILLAND DH-114 N575PR DAMAGE-DESTROYED		COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	AIRLINE TRANSPORT, AGE 46, 15710 TOTAL HOURS, 11454 IN TYPE, INSTRUMENT RATED.
	NAME OF A	AIRPORT - ALEX HAMIL	TON			
	DEPARTUR	E POINT '	INTENDED DESTINATION	LAST EN	ROUTE STOP	
	SAN JUA	AN + PR	ST.THOMAS,USVI	ST.MA	AR TEN, NETS	
	TYPE OF	ACCIDENT		PHASE C	F OPERATION	
	COLLISI	ION WITH GROUND/WATE	ER UNCONTROLLED	ΤΑΚΕΟ	FF INITIAL CLIMB	
	PROBABLE	CAUSE(S)				·

PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL INADEQUATE SUPERVISION/TRAINING OF RAMP CREWS MISCELLANEOUS ACTS, CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G. FACTOR(S)

PERSONNEL - RULES, REGULATIONS, STANDARDS PERSONNEL

REMARKS- ACFT 1060LBS OVR MAX GWT, CG ABT 8IN AFT OF REAR LMT.INADOT SURVEILLANCE & ENFORCEMENT BY FAA.

PART 3

ON-DEMAND AIR TAXI ACCIDENTS

.

# Accidents, Fatalities, and Rates On-Demand Air Taxi 1979

	All Revenue Operations	Passengers	Cargo
Accidents			
Total Fatal	173 36	116 27	57 9
Fatalities			
Passengers Crew Others	41 40 	40 26 4	1 14 0
Total	85	70	15
Aircraft Hours Flown	3,373,901		
Accident Rate Per 100,000 Hours Flown			
Total Fatal	5.13 1.07		

#### ACCIDENTS, INJURIES ON-DEMAND AIR TAXI OPERATIONS

### U.S. GENERAL AVIATION 1979

				INJURIES			
	FATAL	SERIOUS	MINOR	NONE	UNKNOWN		TOTAL
PILOT COPILOT DUAL STUDENT CHECK PILOT FLIGHT ENGINEER	34 5	11 3	21 1 1	108 12			174 21 1
NAVIGATOR CABIN ATTENDANT EXTRA CREW PASSENGERS	1 41	1 19	36	1 2 191			1 4 287
TOTAL	81	34	59	314		ABOARD	488
* OTHER AIRCRAFT OTHER GROUND	3 1	2	2	3 2		•	6 7
GRAND TOTAL	85	36	· 61	, 319	. ·		501
INVOLVES 173 TOTAL AC INVOLVES 36 FATAL AC							

\* INJURIES CARRIED OPPOSITE OTHER-AIRCRAFT ARE INJURIES OCCURRING IN AIRCRAFT THAT ARE NOT PART OF THIS SUBJECT TABULATION, BUT WERE PART OF THE TOTAL INJURIES INVOLVED IN COLLISIONS BETWEEN AIRCRAFT.

## ANALYTIC TABLE

#### AIRPORT PROXIMITY BY WEATHER CONDITION

	WEATHER CONDITION		
AIRPORT PROXIMITY	JER TO BEION JANDAN NOT BEARTED	RECORDS	ACCIDENTS PERCENT
ON AIRPORT	57 9 2 1	69	69 39.66
ON SEAPLANE BASE	5	5	5 2.87
ON HELIPORT	1 .	1	1.57
ON BARGE/SHIP/PLATFORM			
IN TRAFFIC PATTERN	1 1	2	2 1.15
WITHIN 1/4 MILE	7 1	8	8 4.60
WITHIN 1/2 MILE	2	2	2 1.15
WITHIN 3/4 MILE	1	1	1.57
WITHIN 1 MILE	1 3 1	5	5 2.87
WITHIN 2 MILES	3 3 1	. 7	7 4.02
WITHIN 3 MILES	1	1	1 .57
WITHIN 4 MILES	1	1	1 .57
WITHIN 5 MILES	1 .	1	1.57
BEYOND 5 MILES	47 17 2	66	65 37.93
UNKNOWN/NOT REPORTED	5	5	5 2.87
 )			
RECORDS	133 34 3 4	174	
ACCIDENTS	132 34 3 4		173
PERCENTS	76.4 19.5 1.7 2.3		

## ANALYTIC TABLE

TYPE OF FLIGHT PLAN BY CONDITION OF LIGHT

## CONDITIONS OF LIGHT

.

TYPE OF FLIGHT PLAN	OP	WHY DAY	LIGHT OU			UNIT NOT PE	A TED		RECORDS	ACCIDE	ENTS PERCENT
NONE		53	1	7	3				64	64	36.78
VFR	1	44	3	6	1				55	54	31.61
IFR	3	18.	2	14	1				38	38	21.84
CONTROLLED VFR											
IFR (VFR CONDITIONS ON TOP)		1		1					2	2	1.15
TOWER EN ROUTE CONTROL SERVICE											
DVFR											
VFR FLIGHT FOLLOWING SERVICE		2							2	2	· 1.15
SPECIAL VFR ·											
OTHER		12	1						13	13	7.47
UNKNOWN/NOT REPORTED											

RECORDS	4 130 7 28 5	174
ACCIDENTS	4 130 7 27 5	173
PERCENTS	2.3 74.7 4.0 16.1 2.9	

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## FIRST TYPE OF ACCIDENT BY AIRCRAFT DAMAGE

#### AIRCRAFT DAMAGE





PE OF ACCIDENT	<u></u>	50 N. 12		ť		
,			RECORDS	ACCIDE	NTS PERCENT	
GROUND-WATER LOOP-SWERVE	2	20	22	· 22	12.64	
DRAGGED WINGTIP POD OR FLOAT						
WHEELS-UP LANDING		2	2	2	1.15	
WHEELS-DOWN LANDING IN WATER		2	2	2	1.15	
GEAR COLLAPSED		5	5	5	2.87	
GEAR RETRACTED		2	2	2	1.15	
HARD LANDING	2	5	7	7	4.02	
NOSE OVER/DOWN	1	3	4	4	2.30	
ROLL OVER		2	2	2	1.15	
OVERSHOOT		8	. 8	8	4.60	
UNDERSHOOT		3	3	з	1.72	
COLLISION BETWEEN AIRCRAFT						
BOTH IN FLIGHT	3	1 1	5	4	2.87	
ONE AIRBORNE						
BOTH ON GROUND		2	2	2	1.15	
COLLISION WITH GROUND/WATER						
CONTROLLED	12	4	16	16	9.20	
UNCONTROLLED	5		5	5	2.87	
COLLIDED WITH						
WIRES/POLES		3	3	3	1.72	
TREES	5	3	8	8	4.60	
RESIDENCE/S						
BUILDING/S	1		1	1	.57	
FENCE, FENCEPOSTS		2	2	2	1.15	
ELECTRONIC TOWERS	1		1	1	.57	
RUNWAY OR APPROACH LIGHTS						
AIRPORT HAZARD						
ANIMALS						
CROP ;						
FLAGMAN LOADER						
DITCHES		1	1	1	.57	
SNOWBANK		2	2	2	1.15	
PARKED AIRCRAFT (UNATTENDED)		2	2	2	1.15	
AUTOMOBILE						
DIRT BANK		1	1	1	.57	
OTHER		5	5	5	2.87	

## FIRST TYPE OF ACCIDENT BY AIRCRAFT DAMAGE

AIRCRAFT DAMAGE

FIRST OF ACCIDENT	OFSTR	OTED SUB	WILL	401			RECORDS	S ACCIDEN	NTS PER
BIRD STRIKE		1					1 .	1	.57
STALL	3						3	3	1.72
SPIN		1					1	1	•57
SPIRAL									
MUSH		2					2	2	1.15
FIRE OR EXPLOSION									
IN FLIGHT		2					2	2	1.15
ON GROUND									
AIRFRAME FAILURE									
IN FLIGHT	- 1	3					4	4	2.30
ON GROUND		1					1	1	.57
ENGINE TEARAWAY									
ENGINE FAILURE OR MALFUNCTION	8	30					38	38	21.84
PROPELLER/ROTOR FAILURE									
PROPELLER									
TAIL ROTOR	1	2					3	3	1.72
MAIN ROTOR									
PROP ROTOR ACONT TO PERSON				1			1	1	•57
JET INTAKE/EXH ACDNT TO PERS									
PROPELLER/JET/ROTOR BLAST									
TURBULENCE	1	1		1			3	3	1.72
HAIL DAMAGE TO AIRCRAFT									
LIGHTNING STRIKE									
EVASIVE MANEUVER									
UNCONTROLLED ALT DEVIATION									
DITCHING									
MISSING ACFT NOT RECOVERED	. 1						1	1	•57
MISCELLANEOUS/OTHER		2					2	2	1.15
UNDETERMINED	1						1	1	.57
RECORDS	48	123	1	2			174		
ACCIDENTS	48	123	1	2				173	
PERCENTS	27.6 7	0.7	- 6	1.1					

# FIRST PHASE OF OPERATION BY INJURY INDEX

FIRST OPERATIONAL PHASE	48	A Sta	0 <sup>1)5</sup>	N04 N	24	RECORDS	ACCIDENTS	PERCENT
STATIC								
STARTING ENGINE/S								
IDLING ENGINE/S		1		1		2	2	.15
ENGINE RUNUP								
IDLING ROTORS								
PARKED-ENGINES NOT OPERATING								
OTHER								
IXAT								
TO TAKEOFF				3		3	3	1.72
FROM LANDING				2		2	2	1.15
OTHER								
GROUND TAXI TO TAKEOFF								
GROUND TAXI FROM LANDING								
GROUND TAXI, OTHER								
AERIAL TAXI TO TAKEOFF				1		1	1	.57
AERIAL TAXI TO/FROM LANDING				1		1	1	.57
AERIAL TAXI, OTHER								
TAKEOFF								
RUN		1	2	10		13	13	7.47
INITIAL CLIMB	6		1	12		19	· 19 1	0.92
VERTICAL		1		1		2	2	1.15
RUNNING (ROTORCRAFT/VTOL-STOL)								
ABORTED (FIXED-WING)			2	1		3	Э.	1.72
ABORTED (ROTORCRAFT/VTOL)								
ABORTED (ROTORCRAFT/STOL)								
OTHER								
INFLIGHT								
CLIMB TO CRUISE	2	2		2		6	6	3.45
NORMAL CRUISE	9	6	5	15		35	34 2	0.11
DESCENDING	1	1		1		3	3	1.72
HOLDING (IFR)								
HOVERING .	1	1		1		3	3	1.72
POWER-ON DESCENT (ROTORCRAFT)		•						
AUTOROTATIVE DESCENT								
ACROBATICS	e.							
BUZZING	1					1	1	.57

## FIRST PHASE OF OPERATION BY INJURY INDEX

#### INJURY INDEX

			,					
FIRST DPERATIONAL PHASE	4 P	ALSE	410 <sup>1/3</sup>	H04 Nº		RECORDS	ACCIDEN	TS <u>PERCE</u> I
UNCONTROLLED DESCENT	4					4	4	2.30
EMERGENCY DESCENT								
LOW PASS	2			1		3	3	1.72
OTHER	2			1		3	3	1.72
EN ROUTE TO TREAT CROP								
EN ROUTE TO RELOADING AREA								
SURVEY FIELD/AREA								
STARTING SWATH RUN								
SWATH RUN								
FLAREOUT FOR SWATH RUN								
PULLUP FROM SWATH RUN								
PROCEDURE TURNAROUND								
CLEANUP SWATH								
MANEUVER TO AVOID OBSTRUCTION								
RETURN TO STRIP								
LANDING								
TRAFFIC PATTERN-CIRCLING			1			1	1	.57
FINAL APPROACH (VFR)	1		. 2	6		9	9	5.17
INITIAL APPROACH	1	1	1			3	3	1.72
FINAL APPROACH (IFR)	3	1	2	2		8	8	4.60
LEVEL OFF/TOUCHDOWN		3	6	13		22	22	12.64
ROLL (FIXED WING)				20		20	20	11.49
ROLL-ON/RUN-ON (ROTORCRAFT)				· ·				
POWER-ON LANDING (ROTORCRAF		1		1		2	2	1.15
POWER-OFF AUTOROTATIVE LDG		-		-		-	-	
GO-ARQUND (VFR)			1	1		2	2	1.15
MISSED APPROACH (IFR)	1		-	-		1	1	.57
OTHER	1					1	1	• 5 1
UNKNOWN/NOT REPORTED	2					2	2	1.15
UNKNOWNYNUT KEPOKTED	Ľ.					L	5	
RECORDS	36	19	23	96		174		
ACCIDENTS	36	19	23	95			173	
PERCENTS	20.7	10.9	13.2	55.2				

\* 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

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

PILOT 29 9 93 15 95 122 127 32 24 25.00 80.56 88.89 67.88 10.95 69.34 70.52 13.87 73.41 PERSONNEL 7 25 5 3 4 29 28 9 36 8.33 11.11 19.44 18.25 3.65 21.17 5.20 20.81 16.18 AIRÉRAME 5 2 2 3 3 5 •00 .00 .00 1.46 2.19 3.65 1.16 1.73 2.89 LANDING GEAR 12 12 12 12 .00 •00 .00 .00 8.76 .00 8.76 6.94 6.94 PAGE POWERPLANT 1 2 26 4 27 27 5 29 1 2.78 18.98 2.78 5.56 2.92 19.71 15.61 2.89 16.76 SYSTEMS 2 1 3 2 1 3 .00 .00 .00 1.46 .73 2.19 1.16 .58 1.73 INSTRUMENTS/EQUIPMENT & ACCESSORIES 1 1 1 1 2.78 .00 2.78 .00 .00 .00 .58 .00 •58 ROTORCRAFT 2 2 2 2 4 4 5.56 •00 5.56 2.31 .00 1.46 .00 1.46 2.31 AIRPORT/AIRWAYS/FACILITIES 1 1 1 21 22 1 22 23 .00 2.78 2.78 15.33 .73 16.06 •58 12.72 13.29 WEATHER 18 18 2 29 31 3 47 49 1 2.78 50.00 50.00 1.46 21.17 22.63 1.73 27.17 28.32 TERRAIN 7 7 3 24 3 21 28 31 19.44 19.44 1.73 .00 2.19 15.33 17.52 16.18 17.92 MISCELLANEOUS 1. 1 4 4 5 5 2.78 .00 2.78 2.92 .00 2.92 2.89 .00 2.89 UNDETERMINED 2 4 4 2 6 6 11.11 .00 1.46 11.11 1.46 .00 3.47 .00 3.47

INVOLVES 36 FATAL ACCIDENTS

BROAD CAUSE/FACTOR

5

INVOLVES 173 TOTAL ACCIDENTS

1979

(EXCLUDES ACCIDENTS WITHOUT CAUSAL ASSIGNMENT)

FATAL ACCIDENTS

CAUSE FACTOR TOTAL\*

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NONFATAL ACCIDENTS

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CAUSE FACTOR TOTAL\*

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ALL ACCIDENTS

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CAUSE FACTOR TOTAL\*

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U.S. GENERAL AVIATION

#### ON-DEMAND AIR TAXI ACCIDENTS

U.S. GENERAL AVIATION 1979

#### (EXCLUDES ACCIDENTS WITHOUT CAUSAL ASSIGNMENT)

INVOLVES 173 TOTAL ACCIDENTS

INVOLVES 36 FATAL ACCIDENTS

	FAT	AL ACCIU	ENTS	NONFATAL ACCIDENTS			ALL ACCIDENTS		
DETAILED CAUSE/FACTOR	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FAC TOR	TOTAL
** PILOT **									
PILOT IN COMMAND									
ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL	1	1	2 2		1	1	1	1 2	2 3
BECAME LOST/DISORIENTED	1	1	2		1	1	1	1	2
CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS	6		• 6	2	1	3	8	1	9
CONTINUED INTO KNOWN AREA OF SEVERE TURBULENCE DELAYED ACTION IN ABORTING TAKEOFF	1		1	6		6	1 6		1
DELAYED IN INITIATING GO-AROUND				2		2	2		2
DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT EXCEEDED DESIGN STRESS LIMITS OF AIRCRAFT		1	1	1		1	1	1	1 1
FAILED TO RETRACT LANDING GEAR				2		2	2		2
RETRACTED GEAR PREMATURELY				1		1	1		1
FAILED TO SEE AND AVOID OTHER AIRCRAFT FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS	2 1		2 1	3		3	5		5
FAILED TO OBTAIN/MAINTAIN FLYING SPEED	3		3	3		3	6		6
FAILED TO MAINTAIN ADEQUATE ROTOR RPM FAILED TO USE OR INCORRECTLY USED MISC EQUIPMENT		1	,	1	1	1	1	2	1
FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES ETC	1	1	1	1 4	1	2 5	5	2	3 6
IMPROPER OPERATION OF POWERPLANT + POWERPLANT CONTROLS				3	_	3	3		3
IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS IMPROPER OPERATION OF FLIGHT CONTROLS	1		1	2 2		2 2	2		2 3
PREMATURE LIFT OFF	1		1	1	1	.2	í	1	2
IMPROPER LEVEL OFF	,		,	5		5	5		5
IMPROPER IFR OPERATION IMPROPER IN-FLIGHT DECISIONS OR PLANNING	. 6		6 3	5.1		5 1	11 4		11 4
IMPROPER COMPENSATION FOR WIND CONDITIONS				4		4	4		4
INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING LACK OF FAMILIARITY WITH AIRCRAFT	4	4	8	16	2	18 1	20	6	26 1
MISMANAGEMENT OF FUEL	1		1	7		7	8		8
EXERCISED POOR JUDGMENT SELECTED UNSUITABLE TERRAIN	-2		2	.,	,	12	2	1	2 12
TAXIED/PARKED WITHOUT PROPER ASSISTANCE				11	1	12	11	1	12
FAILED TO ASSURE THE GEAR WAS DOWN AND LOCKED				1		1	1		1
INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS SPONTANEOUS-IMPROPER ACTION	1	1	2	3		3 1	4	1	5
MISJUDGED DISTANCE, SPEED, AND ALTITUDE	1		1	1		ĩ	2		2
MISJUDGED DISTANCE AND SPEED MISJUDGED DISTANCE				6		6 1	6		6
MISJUDGED DISTANCE AND ALTITUDE				6		6	6		6
MISJUDGED SPEED AND ALTITUDE				2		2	2		2
MISJUDGED ALTITUDE AND CLEARANCE MISJUDGED ALTITUDE				2	1	2 1	2	1	2 1
MISJUDGED CLEARANCE	1		1	3	-	3	4	-	4
IMPROPER RECOVERY FROM BOUNCED LANDING PHYSICAL IMPAIRMENT		2	2	3		3	3	2	3 · 2
SPATIAL DISORIENTATION	3	2	3				3	2	3
MISUSED OR FAILED TO USE FLAPS		1	1	1	1	2	1	2	3
FAILED TO MAINTAIN DIRECTIONAL CONTROL SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND				8 1	2	8 3	8 1	2	8 3
FAILED TO ABORT TAKEOFF	2		2	2	-	2	. 4	~	4
FAILED TO INITIATE GO-AROUND				7		7	7		7
SUBTOTAL	42	13	55	137	12	149	179	25	204
COPILOT BECAME LOST/DISORIENTED					1	1		1	1
FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC					1	1		1	1
LACK OF FAMILIARITY WITH AIRCRAFT					1	· 1		1	- 1
SUBTOTAL					3	3		3	3

DUAL STUDENT (CONTINUED)	F & T	AL ACCID	ENTS	NONFATAL ACCIDENTS			ALL ACCIDENTS			
DETAILED CAUSE/FACTOR	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	
DUAL STUDENT MISJUDGED CLEARANCE				1		1	1		1	
SUBTOTAL				1		1	1		1	
** PERSONNEL **										
RULES, REGULATIONS, STANDARDS PERSONNEL										
FLIGHT INSTRUCTOR MAINTENANCE, SERVICING, INSPECTION				-					-	
IMPROPER MAINTENANCE(MAINTENANCE PERSONNEL) IMPROPERLY SERVICED AIRCRAFT(GROUND CREW)	1		1	2 1		2 1	2 2		2	
INADEQUATE INSPECTION OF AIRCRAFT(MAINTENANCE PERSONNEL) INADEQUATE MAINTENANCE AND INSPECTION				1 10	2	1 12	1 10	2	1 12	
OTHER OPERATIONAL SUPERVISORY PERSONNEL	1		1				1		1	
INADEQUATE FLIGHT TRAINING-PROCEDURES INADEQUATE GROUND TRAINING-PROCEDURES		1	1		1	1		1	1 1	
INADEQUATE SUPERVISION OF FLIGHT CREW DEFICIENCY, COMPANY MAINTAINED EQMT, SERV, REGULATIONS		1	1	1		1	1	1	1 1	
WEATHER PERSONNEL INCORRECT WEATHER FORECAST				1		1	1		1	
TRAFFIC CONTROL PERSONNEL FAILURE TO PROPERLY IDENTIFY AIRCRAFT ON RADAR		1	1					1	· 1	
AIRPORT SUPERVISORY PERSONNEL FAILURE TO NOTIFY OF UNSAFE COND/AND OR FAILURE TO MARK		-		1		. 1	1	-	1	
IMPROPER/INADEQUATE SNOW REMOVAL AIRWAYS FACILITIES PERSONNEL				-	2	2	-	2	2	
OTHER PRODUCTION-DESIGN-PERSONNEL		1	1					1	1	
POOR/INADEQUATE DESIGN MISCELLANEOUS-PERSONNEL				, 2		2	2		. 2	
PILOT OF OTHER AIRCRAFT	2		2	3		3	5		5	
PASSENGER OTHER DUDT		1	1	3		3	3	1	3 1	
THIRD PILOT FLIGHT ENGINEER										
FLIGHT PERSONNEL DISPATCHING (AIR CARRIER ONLY)										
SUBTOTAL	4	5	9	25	5	30	29	10	39	
** AIRFRAME **										
WINGS RIBS, STRINGERS, CAP STRIPS				1		1	1		1	
SKIN AND ATTACHMENTS FUSELAGE					1	1		1	1	
DOORS, DOOR FRAMES OTHER				1	2	2 1	1	2	2 1	
LANDING GEAR MAIN GEAR-SHOCK ABSORBING ASSY, STRUTS, ATTACHMENTS, ETC				4		. 4	4		4	
NORMAL RETRACTION/EXTENSION ASSEMBLY EMERGENCY/EXTENSION ASSEMBLY				3		3 1	3 1		3 1	
BRAKING SYSTEM (NORMAL) NOSEWHEEL STEERING				5		5	5		5	
FLIGHT CONTROL SURFACES				-		-	-		-	
SUBTOTAL				16	3	19	16	3	19	
** POWERPLANT **							•			
ENGINE STRUCTURE CRANKSHAFT				1		1	1		1	
MASTER AND CONNECTING RODS CYLINDER ASSEMBLY				1 1		1 1	1 1		1 1	
OTHER IGNITION SYSTEM			-	1		1	1		1	
MAGNETOES SPARK PLUG				2	2 1	4 1	2	2 1	4 1	
FUEL SYSTEM LINES AND FITTINGS				1	_	1	1	_	1	
CARBURETOR RAM AIR ASSEMBLY				1		1 1	1		1 1	
OTHER LUBRICATING SYSTEM					1	ĩ	-	1	1	

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POWERPLANT (CONTINUED)		FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
DETAILED CAUSE/FACTOR		CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FAC TOR	TOTAL
LINES, HOSES, FITTINGS COOLING SYSTEM OTHER			1	1					1	1
PROPELLER AND ACCESSORIES BLADES					1	-	1	1		1
EXHAUST SYSTEM MANIFOLDS					2		2	2		2
ENGINE ACCESSORIES ENGINE CONTROLS					-		-	_		_
POWERPLANT-INSTRUMENTS FUEL QUANTITY GAUGE						1	1		1	1
MISCELLANEOUS		1		,	10	1	10		1	11
POWERPLANT FAILURE FOR UNDETERMINED REASONS FOREIGN OBJECT DAMAGE		1		1	10 1		1	11 1		1
REDUCTION GEAR ASSEMBLY COMPRESSOR ASSEMBLY								···· ·		•
BLADE, COMPRESSOR ROTOR COMBUSTION ASSEMBLY					1		1	1		1
TURBINE ASSEMBLY BLADE, TURBINE WHEEL					1		1	1		1
ACCESSORY DRIVE ASSEMBLY LUBRICATING SYSTEM				-						
FUEL SYSTEM PUMP, FUEL					2		2	2		2
FUEL CONTROL SAFETY SYSTEM					1		1	1		1
IGNITION SYSTEM TORQUEMETER							•			
AIR BLEED EXHAUST SYSTEM										
THRUST REVERSER PROPELLER SYSTEM										
CONSTANT SPEED DRIVE POWER LEVER										
PROPELLER LEVER										
REVERSE THRUST LEVER •ENGINE INDICATING EQUIPMENT ENGINE INSTALLATION										
SUBTOTAL		· 1	1	2	28	6	34	29	7	36
** SYSTEMS **										
ELECTRICAL SYSTEM						1	,		,	,
SWITCHES HYDRAULIC SYSTEM						1	1		1	1
SEALS FLIGHT CONTROL SYSTEMS					. 1		1	1		1
RUDDER AND RUDDER TAB CONTROL SYSTEM ANTI-ICING, DE-ICING SYSTEMS					1		1	1		1
AIR CONDITION, HEATING AND PRESSURIZATION AUTO PILOT										
FIRE WARNING SYSTEM FIRE EXTINGUISHER SYSTEM										
OXYGEN SYSTEM OTHER SYSTEMS										
SUBTOTAL					2	· 1	3	2	1	3
** INSTRUMENTS/EQUIPMENT AND ACCESSORIES **								•		
FLIGHT AND NAVIGATION INSTRUMENTS										
FLUXGATE COMPASS Communications and navigation equipment Miscellaneous equipment		1		1				1		1
SUBTOTAL		1		1				1		1
** ROTORCRAFT **		•		•						
ROTOR ASSEMBLIES										_
BEARINGS OTHER	•	1		1	1		. 1	1		1
TRANSMISSION ROTOR DRIVE SYSTEM TAIL ROTOR DRIVE SHAFT ASSEMBLY FLIGHT CONTROL SYSTEMS		1		1	1		1	2		2

#### LAUSE/FACIUR TABLE

#### ROTORCRAFT (CONTINUED)

ROTORCRAFT (CONTINUED)	FAT	AL ACCIO	ENTS	NONFA	TAL ACCI	DENTS	ALL ACCIDENTS		
DETAILED CAUSE/FACTOR	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FAC TOR	TOTAL
CYCLIC PITCH CONTROL SYSTEM MISCELLANEOUS UNITS AND ASSEMBLIES	1		1				1		1
SUBTOTAL	3		3	2		2	5		5
** AIRPORTS/AIRWAYS/FACILITIES **									
AIRPORT FACILITIES RUNWAY LIGHTING					1	1		1	1
OTHER AIRPORT CONDITIONS WET RUNWAY		1	1	1	3	1 3	1	4	1 4
ICE/SLUSH ON RUNWAY SNOW ON RUNWAY SNOW WINDROWS SOFT SHOULDERS (RUNWAY)	r.				2 5 2 2	2 5 2 2		2 5 2 2	2 5 2 2
GLASSY WATER PODRLY MAINTAINED RUNWAY SURFACE SOFT RUNWAY		1	1	1	1 5 4	1 5 5	1	1 5 5	1 5 6
UTHER AIRWAYS FACILITIES		1	1		1 4	1 4	1	1 4	1 4
SUBTOTAL		2	2	2	30	32	2	32	34
** WEATHER **									
LOW CEILING RAIN		14 3	14 3		10	10 4		24 7	24
FOG SNDW		9	9		10 2	10 2		19 7	19 7
ICING CONDITIONS-INCLUDES SLEET, FREEZING RAIN, ETC UNFAVORABLE WIND CONDITIONS SUDDEN WINDSHIFT		2	2		9	- 9 3		2 9 3	2 9 3
TURBULENCE ASSOCIATED WITH CLOUDS AND/OR THUNDERSTORMS DOWNDRAFTS, UPDRAFTS		2 1	2 1	1 2		1 2	1 2	2 1	3 3
TORNADO SQUALL LINE	1	1	1 1				1	1	1 1
HIGH DENSITY ALTITUDE THUNDERSTORM ACTIVITY OTHER		2 1	2 1		4	4		4 2 1	4 2 1
SUBTOTAL	1	40	41	з	42	45	. 4	82	86
** TERRAIN **									
WET, SOFT GROUND SNOW-COVERED		1	1	1	2 2	2 3	1	2 3	2 4
HIDDEN OBSTRUCTIONS ROUGH/UNEVEN		1	1	1	2	3 5	1	2	3 6
RDUGH WATER GLASSY WATER					1.1	1 1		1 1	1 1
HIGH OBSTRUCTIONS SANDY OTHER		6	6	1	6 1 1	7 1 1	1	12 1 1	13 1 1
SUBTOTAL		8	8	٦	21	24	3	29	32
** MISCELLANEOUS **									
FOREIGN OBJECT DAMAGE UNDETERMINED	. 4		4	1 2		1 2	1 6		1 6
BIRD COLLISION EVASIVE MANEUVER TO AVOID COLLISION	1		1	1 2		1 2	1 3		1 3
SUBTOTAL	5		5	6		6	11		11
GRAND TOTAL	57	69	126	225	123	348	282	192	474
** MISCELLANEOUS ACTS, CONDITIONS **									
UNAPPROVED MODIFICATION LEAK/LEAKAGE DOWNWIND		1	1 1	2	1 3	1 2 3	2	1 1 4	1 3 4
CARBON DEPOSITS		. 1	T		1	1		1	1

ISCELLANEOUS ACTS, CONDITIONS (CONTINUED)	F A T	AL ACCID	ENTS	NONFA	NONFATAL ACCIDENTS			ALL ACCIDENTS			
DETAILED CAUSE/FACTOR	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	ΤΟ ΤΑΙ		
'LANDED IN CONSTRUCTION AREA					1	1		 1			
LOOSE, PART/FITTING				1	-	1	1	-			
CHAFFED		1	1					1	1		
DISCONNECTED				2		2	2		ź		
EXCESSIVE-WEAR/PLAY				3		3	3		· 3		
FRAYED				1		1	1		1		
OBSTRUCTED				1 .		1	1		1		
OVERHEATED				2		2	2		1		
EXCESSIVE PRESSURE				,	1	1		1	]		
VIBRATION, EXCESSIVE				1		1	1		j		
WARPED ICE-INDUCTION				1		1	1				
LOAD NOT JETTISONED				1		1	1		j		
INTENTIONAL GROUND-WATER LOOP-SWERVE				1	2	3	1	2			
INTENTIONAL WHEELS UP				î	-	· · · · ī	···· 1	-			
RAN OFF END OF RUNWAY					7	7	-	7			
ANTI-ICING/DEICING EQUIP-IMPROPER OPER. OF/FAILED TO USE				1		i	1				
CHECKLIST-FAILED TO USE					1	1		1			
CREW COORDINATION-POOR					1	1		1	:		
DISREGARD OF GOOD OPERATING PRACTICE					1	1		1			
IMPROPER EMERGENCY PROCEDURES				2		2	2		:		
INSTRUMENTS-MISREAD OR FAILED TO READ				1		1	1				
SEAT BELT NOT FASTENED				1		1	1				
NOT ALLIGNED WITH RUNWAY/INTENDED LANDING AREA				1	2	3	1	2			
UNWARRANTED LOW FLYING	2		2	1		1	3		3		
INATTENTIVE TO FUEL SUPPLY				1		1	1				
FLEW INTO BLIND CANYON	1		1	_		-	1		]		
MISCALCULATED FUEL CONSUMPTION				2		2	2		2		
IMPROPERLY SECURED				1		1	1				
ELECTRICAL FAILURE FATIGUE FRACTURE				5	1	1	5	1			
HYDRAULIC FAILURE				1		1	1				
WINDSHIELD, DIRTY, FOGGY, ETC-RESTRICTED VISION				1	2	2	1	2	;		
IMPROPER ALIGNMENT/ADJUSTMENT					2	2		2			
FAILURE OF TWO OR MORE ENGINES					ī	1		1			
SEPARATION IN FLIGHT					2	2		2			
FIRE IN ENGINE				1	1	2	1	ĩ	2		
CORRODED/CORROSION				ĩ	-	1	î	-			
CARGO SHIFTED	1		1	-		-	ĩ				
PILOT FATIGUE		1	1		2	2		3			
FUEL EXHAUSTION				. 5		5	5		!		
ALCOHOLIC IMPAIRMENT OF EFFICIENCY AND JUDGMENT		2	2					2			
AIRFRAME ICE				1	1	2	1	1			
ICE-WINDSHIELD					1	1		1			
IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/DR CG		2	2	1		1	. 1	2			
INTERFERENCE WITH FLIGHT CONTROLS				1		1	1				
WHITEOUT		1	1 .		2	2		3			
SUNGLARE		1	1.	_		_		1			
LACK OF LUBRICATION-SPECIFIC PART, NOT SYSTEM			-	1		1	1				
WATER IN FUEL	1	~	1	2		2	3				
AIRCRAFT CAME TO REST IN WATER		2	2		13	13		15	1		
TOUCH AND GO LANDING				2	1	1	2	1	2		
OVERLOAD FAILURE	2		2	2	19	21	2	19	2		
MATERIAL FAILURE	2		2	12	1	13	14	1	1		
FUEL STARVATION	1		1	4		4	5		5		

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

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#### U.S. GENERAL AVIATION 1979 (IN FILE ORDER SEQUENCE) (NAME OF OPERATOR DISPLAYED AT RIGHT)

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FILE NUMBER	AIRCRAF REGIST.	T DATE	LOCATION	AIRCRAF	T	INJURY INDEX	
3 0058	N104KC	010479	SACRAMENTO + CA	BEECH	G185	FATAL	UNION FLIGHTS
3 0061	N9621K	012479	HIGGINSVILLE,MO	PIPER	PA-32R	NONE	GREEN HILLS AV
3 0089	N200CH	011179	CRAIG+CO	CESSNA	421A	NONE	COLORADO CORP
3 0107	N21369	012879	POINT HOPE,AK	CESSNA	185	NONE	CAPE SMYTHE AI
3 0127	N5120Y	010579	NMUSKEG®N HGTS.MI	PIPER	PA-23	NONE	J.D. FRALEY
3 0139	N6872S	012079	DENDELTON, OR	AERO COMDR	680E	SERIOUS	BOISE AIR SERV
3 0152	N200WL	010479	TULSA.OK	CESSNA	421B	NONE	ACFT INVESTMNT
3 0168	N3322Q	031179	EL PASO,TX	CESSNA	320D	NONE	GRIMES AVIATON
3 0180	N3420Y	012279	CAMERON,LA	CESSNA	180	NONE	CHARLIE HAMMON
3 0251	N9003H	022179	OAK ISLAND,MN	CESSNA	185	NONE	BERNHARDT FLYI
3 0280	N9004Y	012679	LIMA,NY	PIPER	PA-31	NONE	SAFAIR
3 0282	N9939N	022879	NMORGAN CITY,LA	CESSNA	180J	NONE	CHARLIE HAMMON
3 0298	N5848M	011979	NWILLOUGHBY,OH	CESSNA	310	MINOR	FALCON AIR
3 0313	N14261	022279	WATERLOO,IA	PIPER	PA-23	MINOR	SUNDORPH AERON
3 0339	N4815S	011579	PARIS,TN	PIPER	PA-32	SERIOUS	FARMINGTON AIR
3 0342	N76710	012679	BECKLEY,WV	CESSNA	3100	SERIOUS	CHESTERFIELD A
3 0368	N30914	032679	MALTA,ID	CESSNA	T210C	NONE	RED BARON FLYI
3 0369	N1551U	032779	NBOULDER, NV	CESSNA	207	SERIQUS	LANG AIR SERVI
3 0392	N2183F	010479	ATMAUTLUAK • AK	CESSNA	U206	NONE	SAMUELSON FLYI
3 0414	N3096T	030979	DANIELSON, CT	PIPER	PA-32	MINOR	DANIELSON AVIA
3 0439	N6999P	011979	AMARILLO,TX	PIPER	PA-24	NONE	FRANK AVTN, INC

#### U.S. GENERAL AVIATION 1979 (IN FILE ORDER SEQUENCE) (NAME OF OPERATOR DISPLAYED AT RIGHT)

FILE	AIRCRAFT REGIST. DATE			AIRCRAN LOCATION MAKE		INJURY INDEX	
					MODEL		
3 0447	N8077J	022579	PONCE,PR	AEROSTAR	600A	MINOR	Aerostar carib
3 0492	N617M	041079	NORTH JACKSON, OH	BEECH	E18S	MINØR	GREEN AERO INC
						MINOR	CONNIE KALITTA
3 0516	N9231	022179	PLAIN CITY,OH	BEECH	TC-45J		
3 0534	N61517	022379	NCLAUDE, TX	PIPER	PA-31	SERIOUS	HAMMONDS FLYIN
3 0554	N756NW	032679	NLARSEN BAY,AK	CESSNA	U206	MINOR	ISLAND AIR SER
3 0556	N7934N	011979	NONDAL TON, AK	PIPER	PA-28	NONE	TALARIK CREEK
3 0587	N2029E	032279	LIBERAL,KS	CESSNA	172	SERIOUS	ROBINSON AVIAT
3 0653	N338A	041979	NORTH JACKSON, OH	BEECH	TC-45 J	NONE	BRANCH COUNTY
3 0658	N623H	032879	NHONOLULU,HI	ENSTROM	F28C	NONE	PARADISE HELIC
3 0659	N2257M	032779	NLANDER,WY	PIPER	PA-34	FATAL	WYOMING CENTRA
3 0663	N342T	022379	LATROBE,PA	BEECH	E18S	NONE	GREAT WESTERN
3 0769	N96TH	060879	NLIBERTY,AK	SOLOY	12E J3	NONE	TEMSCO HELICOP
3 0794	N969SD	060479	DEKALB,TX	BEECH	A36	NONE	KITTY HAWK AIR
3 0829	N42322	042579	HARVEY,LA	CESSNA	180J	MINOR	HARVY CNL SPSV
3 0869	N4970C	011979	NCAPE ROMANZOF,AK	CESSNA	U206	FATAL	EXECUTIVE CHAR
3 0883	N4663E	052479	NMORGAN CITY,LA	CESSNA	185F	MINOR	CHARLIE HAMMON
3 0884	N203AL	051779	SORRENTO+LA	BELL	2068	NONE	AIR LOGISTICS
3 0964	N346V	013179	READING, PA	BEECH	C 45	SERIOUS	PERKIOMEN AIRW
3 1003	N1198S	020179	CRAIG,CO	SWEARINGEN	SA26T	NONE	ROCKY MOUNTAIN
3 1010	N2055K	022679	NGREENVILLE, MS	BEECH	58	FATAL	AIR SERVICE IN
3 1013	N3787B	051179	BEAVER FALLS.PA	BEECH	185	NONE	AIR SERVICE

### U.S. GENERAL AVIATION 1979 (IN FILE ORDER SEQUENCE) (NAME OF OPERATOR DISPLAYED AT RIGHT)

FILE NUMBER	AIRCRAFT REGIST. ,DATE		LOCATION	AIRCRAF MAKE 	T MODEL			
3 1027	N14530	022279	KENAI,AK	CESSNA	185	NONE	DICKS FLYING S	
3 1047	N1235M	050479	SEVIERVILLE, TN	CESSNA	421	NONE	SMOKEY MOUNTAI	
3 1052	N4106R	062279	BURBANK + CA	PIPER	PA-32	NONE	CA.AIR CHARTER	
3 1137	N2834C	042779	CHAMA, NM	CESSNA	182RG	NONE	CORONADO FLYIN	
3 1151	N9129M	062679	EMMONAK, AK	CESSNA	U206	NONE	BIG REDS FLYIN	
3 1152	N733CT	032279	NNIGHTMUTE, AK	CESSNA	U206	FATAL	<b>VILLAGE, AVIATI</b>	
3 1276	N7249N	032979	CASTLE ROCK,CO	CESSNA	TU206	NONE	FOUR WINDS AVI	
3 1363	N7340U	051679	SHOW LOW, AZ	CESSNA	207	NONE	SHOW LOW TRANS	
3 1412	N4715R	071779	CUT OFF,LA	BELL	2068	FATAL	HØSKING HELICO	
3 1733	N5740V	072579	CLEVELAND,0H	BEECH	95 <b>-</b> C55	NONE	PDQ EXECUTIVE	
3 1737	N593H	072679	NBRIDGEPORT, CA	ENSTROM	F-28C	NONE	ENTERPRISE HEL	
3 1741	N580 <b>PA</b>	040179	NBETHEL, AK	DEHAVND CAN	DHC-4A	NONE	SEA AIRMOTIVE	
3 1743	N744JC	012479	YOUNGSTOWN .OH	LEAR JET	24D	NONE	CORPORATE AIR	
3 1779	N7345M	061879	TALLAHASSEE, FL	CESSNA	210M	NONE	STALLION AIR	
3 1785	N6286B	080479	PISTOL CREEK,IÓ	CESSNA	T210M	FATAL	BOISE AIR SERV	
3 1807	N16779	042879	NCAMERON, LA	BELL	206L	MINOR	PETROLEUM HELI	
3 1809	N16710	061279	NVENICE+LA	BELL	206B	MINOR	PETROLEUM HELI	
3 1812	N3494V	082279	MANDEVILLE,LA	CESSNA	180	NONE	SOUTHERN SEAPL	
3 1837	N5873N	070679	NLEAVENWORTH,WA	AERO COMDR	114	FATAL	SKYCRAFT, INC.	
3 1863	N135W	012579	PITTSBURGH, PA	BEECH	H18	NONE	INTERNATIONAL	
3 1951	N76950	011979	MIAMISBURG, OH	CESSNA	3100	MINOR	FLITEWAYS, INC.	
5 1771	07070V	011717		ULJJMA	7749	LITI4 OL	ICIILMATS O INCO	

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#### U.S. GENERAL AVIATION 1979 (IN FILE ORDER SEQUENCE) (NAME OF OPERATOR DISPLAYED AT RIGHT)

FILE. NUMBER	AIRCRAF REGIST.	T DATE	LOCATION	AIRCRAF MAKE	T MODEL	INJURY INDEX	
3 1956	N80204	031579	LOUISVILLE,KY	BEECH	D-185	NONE	CARDINAL AVIAT
3 2037	N1812D	052579	CHARLESTON, WV	BEECH	D-18	FATAL	WYMAN PILOT SE
3 2044	N8067H	092079	NKAILUA-KONA.HI	BEECH	C-45H	NONE	PANORAMA AIR
3 2099	N49673	092579	NMORGAN CITY,LA	BELL	212	NONE	HOUSTON HELICO
3 2100	N14852	060379	NMORGAN CITY+LA	BELL	206B	SERIOUS	PETROLEUM HELI
3 2107	N9751G	060879	ANCHOR AGE . AK	CESSNA	180	NONE	SPERNAK AIRWAY
3 2109	N4074	032979	KING COVE,AK	PIPER	PA-32	NONE	PENINSULA AIRW
3 2110	N846VK	051379	EMMONGUK, AK	ROCKWELL IN	500	NONE	NOME FLYING SE
3 2111	N851TB	012879	NANAKTUVUK PASS,AK	DEHAVILLAND	DHC-6	NONE	CAPE SMYTHE AI
3 2112	N8324	012179	GALENA, AK	PIPER	PA-18	NONE	GALENA AIR SER
3 2113	N7853H	080979	NGULKANA,AK	PIPER	PA-12	MINOR	SILVER TIP AIR
3 2114	N5384A	030279	GALESBURG.IL	CESSNA	310B	FATAL	AGEE FLYING SE
3 2118	N8364Q	081579	NILIAMNA,AK	CESSNA	U206F	MINOR	ILIASKA LODGE
3 2119	N70279	071379	HALIBUT COVE,AK	CESSNA	A185F	NONE	COOK INLET AVI
3 2120	N86932	09207 <del>9</del>	OLD HARBOR, AK	BELLANCA	8GCBC	NONE	FLIRITE, INC.
3 2122	N180MM	061579	KOLIGANEK,AK	CESSNA	180J	NONE	SOUTHWEST AIRW
3 2123	N4695E	092879	NBETHEK	CESSNA	185	NONE	EXECUTIVE CHAR
3 2141	N8138F	081479	DALLAS,TX	CESSNA	402	NONE	COKER AIRFREIG
3 2148	N5419M	071979	NANTUCKET,MA	CESSNA	402	NONE	HYANNIS AVIATI
3 2155	N62664	080579	NEWPORT, RI	PIPER	PA-23	NONE	NEW HAVEN AIRW
3 2165	N5035Y	070879	FLUSHING, NY	PIPER	PA-23	NONE	NEW ENGLAND AI
	•						

#### U.S. GENERAL AVIATION 1**97**9 (IN FILE ORDER SEQUENCE) (NAME OF OPERATOR DISPLAYED AT RIGHT)

FILE NUMBER	AIRCRAF REGIST.	T DATE	LOCATION	AIRCRAF	T 'MODEL	INJURY INDEX	
						<b></b>	
3 2166	N5767Y	100479	JAMAICA,NY	PIPER	PA-23	NONE	BERKSHIRE AVIA
3 2197	N6309C	041279	NCARRIZOZO+NM	PIPER	PA-3.2	FATAL	SW AIR RANGERS
3 2221	N2715K	080179	NGREENVILLE.ME	CESSNA	180	MINOR	FOLSOMS AIR SE
3 2324	N70048	081679	SHELDONS POINT, AK	CESSNA	185	NONE	GALENA AIR SVC
3 2368	N48148	071279	NARCTIC VILLAGE.AK	DEHAVILLAND	DHC-3	NONE	BUD WOOD'S
3 2489	N438A	050979	NBURTON, OH	BEECH	E18S	FATAL	WYMAN PILOT SV
3 2536	N8410F	090779	NTUSCALOOSA, AL	CESSNA	401	NONE	MILLER WILLS
3 2552	N7111J	081879	HOUSTON, TX	BELL	2068	NONE	EXEC JET INC
3 2616	N73963	081779	NRICO,CO	BELL	47G3B1	FATAL $^{>}$	AERIAL SPOTTER
3 2620	N90049	042679	NSABINE PASS.TX	AEROSPATILE	SA365C	SERIOUS	OFFSHORE HELIC
3 2622	N58193	100579	HOUSTON,TX	HUGHES	369D	SERIOUS	SNOW GOOSE AVN
3 2656	N3288X	062879	SUMMERVILLE, WV	CESSNA	310L	NONE	RALEIGH FLY SE
3 2673	N6GJ	082979	OTHELLO,WA	LEAR JET	23	NONE	GOLDEN JET AIR
3 2683	N93010	100879	WESTHAMPTON,NY	CESSNA	185	SERIOUS	JERSEY CITY SE
3 2730	N62818	102379	NCOLD SPRINGS,MN	PIPER	PA-23	NONE	WEST CENTRAL A
3 2774	N29152	071879	NCHINLE + AZ	CESSNA	206	NONE	GALLUP FLT SER
3 2775	N8533F	080379	GRAND CANYON, AZ	BELL	206B	MINOR	GRAND CYN HELD
3 2798	N1DY	071879	CHAMBLEE, GA	CESSNA	310C	NONE	COMMERCIAL AUN
3 2835	N4111P	101779	SAN FRANCISCO,CA	AERO COMDR	500	NONE	YOSEMITE AIR
3 2839	N3836C	051779	NTREASURE CAY+BAHM	AERO COMDR	500	NONE	PALM BEACH AVI
3 2845	N571H	112679	NSTANLEY, ID	HILLER ACFT	UH-12E	NONE	IDAHO HELICOPT
			PAGE 67				

### U.S. GENERAL AVIATION 1979 (IN FILE ORDER SEQUENCE) (NAME OF OPERATOR DISPLAYED AT RIGHT)

FILE	AIRCRAF	т	•	AIRCRAF	т	INJURY	
NUMBER	REGIST.	DATE	LOCATION	MAKE	MODEL	INDEX	
							·
3 2848	N1590S	, 100579	₽RINCEVILLE.HI	BEECH	65 <b>-80</b>	NONE	EXECUTIVE AIR
3 2852	N2660S	111479	CANTWELL,AK	CESSNA	185	NONE	GOLDEN NORTH A
3 2854	N1095F	032879	BETHAL,AK	CESSNA	185	NONE	STANLEY HERMAN
3 2865	N2 2434	112379	GALESBURG,IL	CESSNA	T210L	MINOR	PEORIA AVIATIO
3 2866	N33TN	011179	TEMPLETON,MA	PIPER	PA-31	FATAL	NASH AND TAMPO
3 2876	N90575	070179	TRAIL CREEK,AK	DEHAVILLAND	DHC-3	NONE	MAXSON AVIATIO
3 2877	N2435F	071379	TOGIAK.AK	CESSNA	180	NONE	ARMSTRONG AIR
3 2886	N84627	120679	WRANGELL,AK	CESSNA	185	NONE	WRANGELL AIR
3 2920	N8845Q	0 <b>9</b> 2479	TUNNEL MEADOWS+CA	CESSNA	185	NONE	EASTERN SIERRA
3 2944	N476AL	112979	NINTRACSTL CITY+LA	SIKORSKY	S-76A	NONE	AIR LOGISTICS
3 2966	N281M	062979	SLATINGTON . PA	BEECH	C45H	MINOR	SHANE AVIATION
3 2996	N1316G	111279	SALEM,OR	CESSNA	T310R	FÀTAL	MCKENZIE FLYIN
3 3019	N62727	102979	HARLAN+KY	PIPER	PA-23	MINOR	EXECUTIVE AIR
3 3024	N3594B	122679	NINTRACSTL CY,LA	AEROSPATLE	AS-350	SERIOUS	PETROLEUM HEL
3 3088	N23BC	110579	TAU,AMER SAMOA	DEHAVILLAND	DHC-6	SERIQUS	SOUTH PACIFIC
3 3103	N646B	092879	SUMTER . SC	BEECH	D185	NONE	EXPRESS AIRWAY
3 3107	N59627	041279	NCAMERON,LA	BELL	206B	MINOR	HOUSTON HELICO
3 3108	N1850R	121579	NVENICE, LA	CESSNA	A185F	FATAL	PAN AIR CORPOR
3 3122	N8299F	072679	ST.LOUIS,MO	CESSNA	401	NONE	DICKMAN AVIATI
3 3132	N8623F	091979	<b>JACKSONVILLE.FL</b>	HUGHES	369HS	FATAL	JACKSONVILLE H
3 3140	N3815C	100479	MISSING AIRCRAFT	AERO COMDR	500	FATAL	IRON BIRD
			PAGE 68				

## U.S. GENERAL AVIATION **19**79 (IN FILE ORDER SEQUENCE) (NAME OF OPERATOR DISPLAYED AT RIGHT)

N	FILE UMBER	AIRCRAF REGIST.	DATE	LOCATION	AIRCRAF MAKE 	MODEL	INJURY INDEX	
3	3146	N1320G	102279	NBLOOMINGTON, IN	CESSNA	310	FATAL	RHDADGS AVIATI
3	3158	N77B	072279	TAMPA,FL	DOUGLAS	DC3-C	NONE	FLORIDA AIRLIN
3	3189	N59314	062779	<b>BETTLES</b> , AK	DOUGLAS	DC3C	NONE	FRONTIER FLYIN
3	3190	N1991U	063079	NKOTLIK.AK	CESSNA	U206F	MINOR	B.P.ENTERPRISE
3	3209	N2594K	121879	HARVEY+LA	CESSNA	180K	FATAL	HARVEY CANAL A
3	3232	N847U	030979	NCLINTONVILLE+WI	BEECH	G185	NONE	BRENNAN AIR FR
3	3297	N733LC	080379	NPORT ANGELES,WA	CESSNA	172N	SERIOUS	SEATTLE PACIFI
3	3308	N732EH	112179	MOUNTAIN VIEW+MO	CESSNA	210	FATAL	SCHOTT AVIATIO
3	3364	N402TH	071279	NANCHORAGE, AK	CESSNA	402B	FATAL	SOLDOTNA AIR S
3	3365	N914AV	081079	BORNITE,AK	CESSNA	182	NONE	AURORA AIR SER
3	3443	N421FH	091979	CHAMPLAIN,VA	HILLER	FH1100	SERIOUS	D AND G AIR SE
3	3465	N734YS	080579	NIVAN SLOUGH₊AK	CESSNA	206	FATAL	ALASKA AERO SE
3	3485	N206JP	112079	GOLD KING CRK,AK	CESSNA	206	NONE	AURORA AIR SVC
3	3486	N756SN	090879	MOOSE CREEK LK,AK	CESSNA	206G	MINOR	KETCHUM AIR SE
3	3524	N16859	051679	GOBER ADOR . NM	BELL	206B	NONE	PETROLEUM HELI
3	3529	N27715	082379	BLUFFTON, OH	PIPER	PA-31	FATAL	PLUMLEY AIR SE
3	3539	N4097R	120579	NHARRAH+OK	PIPER	PA-32	SERIOUS	CSI, INC
3	3616	N1759U	090879	NUMIAT,AK	CESSNA	207	NONE	JENAIR FLYING
3	3617	N6424H	100879	ANCHORAGE, AK	CESSNA	207A	FATAL	SPERNAK AIRWAY
3	3621	N405CA	110779	NSTAMFORD,CT	PIPER	PA-31	NONE	CORPORATE AIR
3	3621	N54857	110779	NSTAMFORD.CT	PIPER	PA-23	NONE	CORPORATE AIR
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#### U.S. GENERAL AVIATION 1979 (IN FILE ORDER SEQUENCE) (NAME OF OPERATOR DISPLAYED AT RIGHT)

N	FILE NUMBER	AIRCRAF REGIST.	T DATE	LOCATION	AIRCRAF MAKE 	T MODEL	INJURY INDEX	
3	3624	N90825	120779	NBAXTER,IA	AEROSPATLE	3198	NØNE	ROCKY MOUNTAIN
	3656	N1726U	100379	NJUNEAU, AK	CESSNA	207	FATAL	SOUTHEAST SKYW
						_		
	3670	N4697K	101879	TYLER,TX	CESSNA	182	NONE	COKER AVIATION
3	3692	N868AF	083079	MIDDLETØWN,PA	BEECH	58	FATAL	KEYSTONE AVIAT
3	3703	N7511L	121179	NLEE'S SUMMIT.MO	PIPER	PA-31	NONE	MIDWEST PIPER
3	3705	N16877	091679	NSITKA,AK	BELL	206	NONE	EAGLE AIR, INC
3	3758	N2160E	050479	KERNVILLE+CA	PIPER	P <b>A-4</b> 4	NONE	GALLAGHER AVN
3	3763	N82706	0 <b>9</b> 0779	NGULKANA,AK	PIPER	PA-18	FATAL	BRANDT'S AIR
· 3	3875	N9090F	09 <b>0279</b>	NALAKANUK,AK	HUGHES	500C	SERIOUS	INTL AIR TRANS
3	3890	N48148	101979	KOYUK, AK	DEHAVND CAN	DHC-3	NONE	BERING AIR, INC
3	3892	N70020	120679	AKIACHAK • AK	CESSNA	185	NONE	SAMUELSON FLYI
3	3894	N61855	101179	GALENA, AK	CESSNA	180K	NONE	HAROLDS AIR SE
3	3912	N16810	062479	GOBERNADOR + NM	BELL	206B	NONE	PETROLEUM HELI
3	3913	N105AC	08097 <b>9</b>	FLUSHING, NY	BEECH	D55	FATAL	SOUTHERN JERSE
<u>3</u>	3926	N581PA	052579	BULLEN POINT,AK	DEHAVND CAN	DHC-4A	FATAL	SEA AIRMOTIVE
3	3944	N29257	120679	YOUNGSTOWN.OH	PIPER	PA-34	NONE	SKYLINE AVN SR
3	3952	N477GM	102579	KOTZEBUE,AK	BEECH	E18S	NONE	AURORA AIR SER
3	3953	N532H	070279	NPORTAGE, AK	ENSTROM	F-28C	NONE	ALYESKA AIR SE
3	3954	N6469H	080779	NIKISHKI,AK	CESSNA	207A	FATAL	BUTLER AVIATIO
3	3956	N2220W	092079	NDEMING,NM	BELL	47G	FATAL	YELLOW BIRD, IN
3	3958	N69618	082979	BLUE RIDGE.IN	CESSNA	310	FATAL	CALTAB INTEGRI
				₽AGE 70				

#### U.S. GENERAL AVIATION 1979 (IN FILE ORDER SEQUENCE) (NAME OF OPERATOR DISPLAYED AT RIGHT)

FILE	AIRCRAF	Ť		AIRCRA	FT	INJURY	
NUMBER	REGIST.	DATE	LOCATION	MAKE	MODEL	INDEX	
			ک ان و چر نج و ان				
3 3963	N3500M	100679	OLD WESTBURY,NY	BELL	206B	FATAL	ISLAND HELICOP
3 3981	N99663	103079	BETTLES,AK	DOUGLAS	00-3	FATAL	FRONTIER FLYIN
3 3988	N2080W	082879	EAST QUOGUE,NY	PIPER	PA-34	SERIOUS	SNDNCE AIR CHR
3 3995	N8301Q	091179	NGRAND JUNCTION.CO	CESSNA	206	MINOR	DINALAND AVIAT
5 5995	1105010	091179	NGRAND JUNCTION+CO	GESSNA	200	MINGR	UINALANU AVIAT
3 4010	N555A.I	111979	CASTLE ROCK.CO	CESSNA	500	FATAL	NATL JET IND.
5 1010	NJJJAO	111)//	CASTEL RECROO	ULUUNA	200	TATAL	NATE SET IND.
3 4015	ALOOEN	120279	DUTCH HARBOR, AK	LEAR JET	24	SERIOUS	ERA HELICOPTER
515		200217	Solon Herbory An	LEAR OLI	<b>L</b> ·	521005	

#### NATIONAL TRANSPORTATION SAFETY BOARD

## WASHINGTON, D. C. 20594

#### BRIEFS OF ON-DEMAND AIR TAXI ACCIDENTS

#### U.S. GENERAL AVIATION

#### 1979

#### (IN STATE AND DATE ORDER)

FILE	DATE LOCATION	AIRCRAFT DATA	F S M/N	PURPOSE	PILOT DATA
	9/7/79 NR.TUSCALOOSA,AL FIME - 0951	CESSNA 401 N8410F DAMAGE-SUBSTANTIAL	CR- 0 0 1		COMMERCIAL, FL.INSTR., AGE 32, 1852 TOTAL HOURS, 5 IN TYPE, INSTRUMENT RATED.
		INTENDED DESTINATION			
	JACKSON, MS	TUSCALOOSA,AL			
	TYPE OF ACCIDENT			F OPERATION	
	FIRE OR EXPLOSION IN FLI	GHI	IN FL.	IGHT NORMAL CRUISE	
	PROBABLE CAUSE(S)				
	POWERPLANT - EXHAUST SYST MISCELLANEOUS ACTS,CONDIT MISCELLANEOUS ACTS,CONDIT REMARKS- CHARTER FLT.	TIONS - LEAK/LEAKAGE	х		
3-0392	1/4/79 ATMAUTLUAK,AK TIME - 1000	CESSNA U206 N2183F		COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 26, 990 TOTAL HOURS, 165 IN TYPE,
		DAMAGE-SUBSTANTIAL			INSTRUMENT RATED.
	NAME OF AIRPORT - ATMAULUK				INSTRUMENT RATED.
	DEPARTURE POINT	INTENDED DESTINATION	LAST EN		INSTRUMENT RATED.
	DEPARTURE POINT BETHEL,AK		ATMAU	TLUAK , AK	INSTRUMENT RATED.
	DEPARTURE POINT BETHEL,AK Type of Accident	INTENDED DESTINATION	A TMAU PHASE O	TLUAK,AK F OPERATION	INSTRUMENT RATED.
	DEPARTURE POINT BETHEL,AK	INTENDED DESTINATION	ATMAU PHASE G LANDI	TLUAK , AK	INSTRUMENT RATED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJUR		FLIGHT	PILOT DATA
				F :	S M/N	PURPOSE	
<b>-</b> 0556	1/19/79 TIME - 11		PIPER PA-28 N7934N DAMAGE-SUBSTANTIAL	PX- 0		COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 40, 3546 TOTAL HOURS, 582 IN TYPE INSTRUMENT RATED.
	DEPARTURE NONDALT Type of A Ground-	ON,AK	INTENDED DESTINATION ILIAMNA,AK	PI	TAKEO	F OPERATION FF RUN FF ABORTED	
		N COMMAND - SELECTE N COMMAND - DELAYED	D UNSUITABLE TERRAIN ACTION IN ABORTING T	AKEOFF			
	AIRPORT	S/AIRWAYS/FACILITIE	S - AIRPORT CONDITION	S SNOW OF	N RUNW	AY	
-0869	1/19/79 TIME - 16	NR.CAPE ROMANZOF,AK 28	CESSNA U206 N4970C DAMAGE-DESTROYED			COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 20, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, INSTRU- MENT RATED.
	DEPARTURE BETHEL, TYPE OF A COLLISI	AK '	INTENDED DESTINATION BETHEL,AK R CONTROLLED	· Pi	CHEVA	ROUTE STOP K•AK F OPERATION IGHT NORMAL CRUISE	
	PILOT I PILOT I FACTOR(S) MISCELL WEATHER PERSONN WEATHER B	N COMMAND - ATTEMPT N COMMAND - BECAME N COMMAND - CONTINU ANEOUS ACTS,CONDITI - FOG EL - MISCELLANEOUS- RIEFING - BRIEFED B	ED VFR FLIGHT INTO ADV DNS - SUNGLARE	VERSE WEA	THER C	ONDITIONS	
	UNKNOWN	TION Y AT ACCIDENT SITE /NOT REPORTED ONS TO VISION AT AC	CIDENT SITE	Pr	0 RECIPI UNKNO	AT ACCIDENT SITE TATION AT ACCIDENT SIT WN/NOT REPORIED TURE-F	E
		EATHER CONDITIONS		T		FLIGHT PLAN	

FILE	DATE	LOCATION	AIRCRAFT DATA	INJ F	S	M/N		FLIGHT PURPOSE		PILOT DATA
	1/21/79 TIME - 1	GALENA,AK 1030	PIPER PA-18 N8324 DAMAGE-SUBSTANTIAL INTENDED DESTINATION	CR-	0 (	) 1	COM	MERCIAL R TAXI-PASSG		COMMERCIAL, AGE 29, 2283 TOTAL HOURS, 353 IN TYPE INSTRUMENT RATED.
	LAST O TYPE OF ENGINE	HANCE, AK ACCIDENT FAILURE OR MALFUNC DED WITH TREES	GALENA, AK		]	NF	LIGHI	PERATION NORMAL CRUISE ROLL		• · · · · ·
	POWERP MISCEL MISCEL PARTIAL	LANEOUS ACTS,CONDIT POWER LOSS - PARTIA	CARBURETOR IONS - MATERIAL FAILURE IONS - FUEL STARVATION L LOSS OF POWER - 1 ENG DRCED LANDING OFF AIRPO	INE	LAN	)				
	REMARKS-	- CARB MIXTURE CONTR	DL WIRE BROKEN,MIXTURE	WENT T	0 I(	DLE	CŲTOF	F POSITION.		
-0107	TIME - 1		N21369 DAMAGE-SUBSTANTIAL	CR- PX-	00	) 1 ) 3	COM AIF	MERCIAL TAXI-PASSG		COMMERCIAL, AGE 25, 2300 TOTAL HOURS, 375 IN TYPE INSTRUMENT RATED.
	DEPARTUR POINT	HOPE AK ACCIDENT	INTENDED DESTINATION BARROW,AK		PH	<b>ASE</b>	OF OF	PERATION		
		-WATER LODP-SWERVE CAUSE(S)			]	N F	LIGHT	CLIMB TO CRUISE		
	FACTOR(S WEATHE WEATHER	) R - UNFAVORABLE WIN BRI <del>E</del> FING - NO RECOR(	ER COMPENSATION FOR WIN D CONDITIONS D OF BRIEFING RECEIVED SUBSTANTIALLY CORRECT	ID COND	• I T I (	) N S				• •
	SKY COND OVERCA VISIBILI	ITION			· 1	200		ACCIDENT SITE	TF	
	5 OR C OBSTRUCT NONE	DVER(UNLIMITED) TIONS TO VISION AT A			REI	ONE ATI EFT	VE BE QUAF	ARING OF WIND TERING HEAD WIND		37 DEGREES
	350	RECTION-DEGREES			TY I	20		ITY-KNOTS - IGHT PLAN		
	REMARKS-	- GUSTS TO 25 KNOTS.								

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FILE	DATE	• • • • <u>+</u>	AIRCRAFT DATA	· F S	M/N	PURPOSE	PILOT DATA
3-2111		NR.ANAKTUVUK PASS.AK 500	DEHAVILLAND DHC-6	CR- 0 0 PX- 0 0	2	COMMERCIAL AIR TAXI-CARGO	
· · · · ·	BARROW Type of Collis	E POINT IN •AK ACCIDENT ION WITH GROUND/WATER	TENDED DESTINATION ANAKTUVUK PASS+AK	LAS L PHA	MIAT SÉ OF		
	FACTOR(S COPILO MISCEL MISCELI	IN COMMAND - CONTINUED ) T - BECAME LØST/DISORI LANEOUS ACTS,CONDITION LANEOUS ACTS,CONDITION COLLIDED WITH MOUNTAI	ENTED IS - PILOT FATIGUE S - WHITEDUT		-		OF LAST 24HRS.
3-1027	TIME - 10	KENAI•AK 549 AIRPORT - KENAI	CESSNA 185 N14530 DAMAGE-SUBSTANTIAL			COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 20, 1550 TOTAL HOURS, 500 IN TYPE, INSTRUMENT RATED.
	DEPARTUR KENAI, TYPE OF ENGINE	E POINT IN Ak	RETURN	۵ ۲۲۵ L	NCHOR SE OF ANDIN	OUTE STOP .AGE;AK OPERATION IG FINAL APPROACH IG ROLL	
	PROBABLE	CAUSE(S)	POWERPLANT FAILURE F				

BRIEFS OF ACCIDENTS AIRCRAFT DATA FILE DATE LOCATION INJURIES PILOT DATA FLIGHT F S M/N PURPOSE CESSNA U206 N733CT 3-1152 3/22/79 NR.NIGHTMUTE.AK CR- 0 0 1 COMMERCIAL COMMERCIAL, AGE 52, 2378 TIME - 1113 PX- 2 1 3 AIR TAXI-PASSG TOTAL HOURS, 288 IN TYPE, DAMAGE-SUBSTANTIAL NOT INSTRUMENT RATED. DEPARTURE POINT INTENDED DESTINATION LAST ENROUTE STOP BETHEL AK ΤΟΟΚ ΣΟΟΚ • ΑΚ TANUNAK • AK TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER CONTROLLED IN FLIGHT NORMAL CRUISE PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VER FLIGHT INTO ADVERSE WEATHER CONDITIONS FACTOR(S) PILOT IN COMMAND - BECAME LOST/DISORIENTED PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL WEATHER - LOW CEILING WEATHER - SNOW MISCELLANEOUS ACTS, CONDITIONS - WHITEOUT WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT SKY CONDITION CEILING AT ACCIDENT SITE OVERCAST 800 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE SNOW SHOWERS 7ERO OBSTRUCTIONS TO VISION AT ACCIDENT SITE TYPE OF WEATHER CONDITIONS BLOWING SNOW IFR TYPE OF FLIGHT PLAN VFR REMARKS- PLT NOT QUALIFIED FOR TYPE OF FLYING, FAA HAD SUSPENDED HIS CERTIFICATE. 3-0554 3/26/79 NR.LARSEN BAY, AK CESSNA U206 CR- 0 0 1 COMMERCIAL COMMERCIAL, AGE 27, 1429 TIME - 1140 N756NW PX- 0 0 0 AIR TAXI-PASSG TOTAL HOURS, 122 IN TYPE, DAMAGE-DESTROYED INSTRUMENT RATED. NAME OF AIRPORT - PARKS CANNERY DEPARTURE POINT INTENDED DESTINATION LARSEN BAY, AK LARSEN BAY,AK PHASE OF OPERATION TYPE OF ACCIDENT NOSE OVER/DOWN LANDING LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO RETRACT LANDING GEAR FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER REMARKS- ACFT SANK-PRESUMED DESTROYED.FLOAT EQUIPPED.

FILE	DATE LOCATION		F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2854	3/28/79 BETHAL•AK TIME - 1100	CESSNA 185 N1095F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2		COMMERCIAL, AGE 35, 6000 TOTAL HOURS, 2600 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - BETHE DEPARTURE POINT	L INTENDED DESTINATION			
·	PILOT POINT.AK TYPE OF ACCIDENT GROUND-WATER LOOP-SWE GEAR COLLAPSED	BETHAL,AK RVE	LANDI	F OPERATION NG ROLL NG ROLL	
		AR BRAKING SYSTEM (NORMAL NDITIONS - MATERIAL FAILURI			
	MISCELLANEOUS ACTS,CO	NDITIONS - OVERLOAD FAILUR	E		
8-2109	3/29/79 KING COVE.AK TIME - 1630	PIPER PA-32 N4074 DAMAGE-SUBSTANTIAL	PX- 0 0 3	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 33, 2788 TOTAL HOURS, 664 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - KING DEPARTURE POINT		LAST EN	ROUTE STOP	
	COLD BAY AK TYPE OF ACCIDENT COLLIDED WITH DITCHE	COLD BAY, AK	CAPE PHASE O	SARACHEF,AK F OPERATION NG ROLL	
	FACTOR (S)	LECTED UNSUITABLE TERRAIN			
	PILOT IN COMMAND - CO WEATHER - LOW CEILING WEATHER - RAIN WEATHER - FOG	NTINUED VFR FLIGHT INTO ADV	VERSE WEATHER C	ONDITIONS	
	WEATHER BRIEFING - BRIE WEATHER FORECAST - FORE	FED BY FLIGHT SERVICE PERSO CAST SUBSTANTIALLY CORRECT - PRECAUTIONARY LANDING OF ADVERSE/UNFAVORABLE WEAT	F AIRPORT		
	SKY CONDITION OVERCAST		CEILING 300	AT ACCIDENT SITE	
	VISIBILITY AT ACCIDENT 1/2 MILE OR LESS		PRECIPI RAIN	TATION AT ACCIDENT SI	ſE
	OBSTRUCTIONS TO VISION FOG	AT ACCIDENT SITE	TEMPERA 40		
	WIND DIRECTION-DEGREES 150 TYPE OF WEATHER CONDITI		15	LOCITY-KNOTS FLIGHT PLAN	

BRIEFS OF ACCIDENTS PTIOT DATA FILE DATE LOCATION AIRCRAFT DATA INJURIES FLIGHT PURPOSE F S M/N -----\_\_\_\_\_ 3-1741 4/1/79 NR.BETHEL,AK DEHAVND CAN DHC-4A CR- 0 0 3 COMMERCIAL AIRLINE TRANSPORT, AGE TIME - 1200 N580PA PX- 0 0 0 AIR TAXI-CARGO 54, 15638 TOTAL HOURS, DAMAGE-SUBSTANTIAL 5285 IN TYPE. INSTRUMENT RATED. NAME OF AIRPORT - WHITE BEAR INTENDED DESTINATION DEPARTURE POINT WHITE BEAR.AK BETHEL,AK TYPE OF ACCIDENT PHASE OF OPERATION GROUND-WATER LOOP-SWERVE TAKEOFF RUN COLLIDED WITH OBJECT TAKEOFE RUN PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL PILOT IN COMMAND - FAILED TO ABORT TAKEOFF PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL DEFICIENCY, COMPANY MAINTAINED EQPMI, SERVICES, REGULATION PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS FACTOR(S) COPILOT - LACK OF FAMILIARITY WITH AIRCRAFT PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL INADEQUATE FLIGHT TRAINING-PROCEDURES WEATHER - UNFAVORABLE WIND CONDITIONS MISCELLANEOUS ACTS, CONDITIONS - CREW COORDINATION-POOR AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SOFT SHOULDERS SKY CONDITION CEILING AT ACCIDENT SITE CLEAR UNLIMITED VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 5 OR OVER (UNLIMITED) NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE RELATIVE BEARING DE WIND NONE LEET CROSS WIND 248-292 DEGREES WIND VELOCITY-KNOTS WIND DIRECTION-DEGREES 20 60 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN VFR VFR REMARKS- COLL W 55GAL DRUMS. WIND GUSTING TO 25KTS. CR- 0 0 1 COMMERCIAL COMMERCIAL, AGE 34, 8000 3-2110 5/13/79 EMMONGUK,AK ROCKWELL IN 500 TOTAL HOURS, 610 IN TYPE, TIME - 1011 N846VK PX- 0 0 3 AIR TAXI-PASSG DAMAGE-SUBSTANTIAL INSTRUMENT RATED. NAME OF AIRPORT - EMMONAK INTENDED DESTINATION DEPARTURE POINT EMMONGUK, AK NOME, AK PHASE OF OPERATION TYPE OF ACCIDENT GEAR COLLAPSED LANDING ROLL PROBABLE CAUSE(S) PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS POORLY MAINTAINED RUNWAY SURFACE SOFT RUNWAY AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE REMARKS- AIRPORT IS UNATTENDED

		-	BRIEF						
FILE	DATE	LOCATION	AIRCRAFT DATA	IN	IJUR F	IES S M	/ N	PURPOSE	PILOT DATA
-3926	5/25/79 TIME - 204	BULLEN POINT,AK	DEHAVND CAN DHC-4A	CR-	3	0	0	COMMERCIAL AIR TAXI-CARGO	AIRLINE TRANSPORT, AGE 53, 14738 TOTAL HOURS, 2630 IN TYPE, INSTRUMENT RATED.
	-	OINT,AK	NT INTENDED DESTINATION DEADHORSE,AK		Ρ			F OPERATION FF INITIAL CLIMB	
	PILOT IN MISCELLA FACTOR(S)	COMMAND - INADEQU COMMAND - FAILED NEOUS ACTS,CONDITI L - OPERATIONAL SU	ATE PREFLIGHT PREPARA TO FOLLOW APPROVED PRO ONS - CARGO SHIFTED PERVISORY PERSONNEL	DCEDUR	ES,	DIR	ECT		
	-		OL DEP.CRASHED 1400FT	FM ST	ART	ΡT	• S T I	DL OPN NOT APPROVED.NEW	LOADMASTER.
-0769	6/8/79 N TIME - 1430	R.LIBERTY.AK O	SOLOY 12EJ3 N96TH DAMAGE-SUBSTANTIAL	PX-				COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL.INSTR., AGE 35, 5360 TOTAL HOURS, 85 IN TYPE, NOT INSTRU- MENT RATED.
		CAMP . AK	INTENDED DESTINATION FIELD SITE R UNCONTROLLED		Ρ	LAI	NDIN	F OPERATION NG LEVEL OFF/TOUCHDOWN NG POWER-OFF AUTOROTAT	
	PILOT IN MISCELLAN PILOT IN FACTOR(S) TERRAIN WEATHER	COMMAND - IMPROPER COMMAND - MISJUDG NEGUS ACTS,CONDITIC COMMAND - SPONTAN - HIGH OBSTRUCTION - SUDDEN WINDSHIFT	R COMPENSATION FOR WIN ED ALTITUDE AND CLEAR/ DNS - LOAD NOT JETTISC EOUS-IMPROPER ACTION S OF BRIEFING RECEIVED	ANCE	DIT	ION	5		
	5 OR OVER OBSTRUCTION NONE	AT ACCIDENT SITE R(UNLIMITED) NS TO VISION AT ACC	CIDENT SITE		P	UNI REC NOI IND 36(	_IMI IPI NE DIF D	AT ACCIDENT SITE ITED TATION AT ACCIDENT SITE RECTION-DEGREES	
	WIND VELOC 15 TYPE OF FL OTHER REMARKS- W	-	KNOTS.		1	VFF		WEATHER CONDITIONS .	

BRIEFS OF ACCIDENTS FILE DATE LOCATION AIRCRAFT DATA TNJURTES FLIGHT PILOT DATA F S M/N PURPOSE 3-2107 6/8/79 ANCHORAGE, AK CESSNA 180 CR- 0 0 1 COMMERCIAL COMMERCIAL, FL.INSTR., TIME - 1500 N9751G PX- 0 0 4 AIR TAXI-PASSG AGE 28. 1752 TOTAL HOURS. DAMAGE-SUBSTANTIAL 11 IN TYPE. INSTRUMENT RATED. NAME OF AIRPORT - MERRILL FIELD DEPARTURE POINT INTENDED DESTINATION TYONEK .AK ANCHOR AGE . AK TYPE OF ACCIDENT PHASE OF OPERATION GROUND-WATER LOOP-SWERVE LANDING ROLL GEAR COLLAPSED LANDING ROLL PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS FACTOR(S) PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE 3-2122 6/15/79 KOLIGANEK, AK CESSNA 180J CR- 0 0 1 COMMERCIAL COMMERCIAL, AGE 32, 2133 TIME - 2030 N180MM PX- 0 0 7 AIR TAXI-PASSG TOTAL HOURS. 34 IN TYPE. DAMAGE-SUBSTANTIAL INSTRUMENT RATED. NAME OF AIRPORT - KOLIGANEK DEPARTURE POINT INTENDED DESTINATION PORTAGE CREEK+AK KOLIGANEK, AK TYPE OF ACCIDENT PHASE OF OPERATION UNDERSHOOT LANDING FINAL APPROACH GEAR COLLAPSED LANDING GO-AROUND PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - WINDSHIELD, DIRTY, FOGGY, ETC. - RESTRICTED VISION AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SOFT SHOULDERS WEATHER - RAIN WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED SKY CONDITION CEILING AT ACCIDENT SITE UNKNOWN/NOT REPORTED 600 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 3 MILES OR LESS RAIN OBSTRUCTIONS TO VISION AT ACCIDENT SITE RELATIVE BEARING OF WIND UNKNOWN/NOT REPORTED LEFT QUARTERING HEAD WIND 293-337 DEGREES WIND DIRECTION-DEGREES WIND VELOCITY-KNOTS 180 15 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN VFR VER REMARKS- A/C RAN OFF SIDE OF RWY.STEEP INCLINE TO APPROACH END AND SHOULDER OF RWY. PAGE 80

FILE		LOCATION	AIRCRAFT DATA	· •		/N		PILOT DATA
		MONAK + AK	CESSNA U206	CR-	0 0	1	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 38, 192 TOTAL HOURS, 97 IN TYPE INSTRUMENT RATED.
	NAME OF AIRPO	RT - EMMONAK	DAMAGE SUBSTANTIAL					INSTROMENT RATED.
			INTENDED DESTINATION					
	KOTLIK,AK		EMMONAK,AK					
-	TYPE OF ACCIDENT				PHAS	ΕO	F OPERATION	
	OVERSHOOT					NG LEVEL OFF/TOUCHDO	NWD	
	COLLISION W	ITH GROUND/WATE	R CONTROLLED		LA	NDI	NG GO-AROUND	
	PROBABLE CAUS	E(S)						
	PILOT IN CO	MMAND - MISJUDG	ED DISTANCE AND SPEED					
	FACTOR(S)							
	AIRPORTS/AI AIRPORTS/AI AIRPORTS/AI							
		MMAND - TNADEOU	АТЕ ВОЕСІЇСЦТ ВОГОЛОЛІ		in / na			
	MISCELLANEO	US ACTS, CONDITIO	ATE PREFLIGHT PREPARAT DNS - RAN OFF END OF R JNWAY NOTAMED CLOSED.		ID/OR	PLA	NNING	
-3189	MISCELLANEO REMARKS- GUST	US ACTS,CONDITIC S TO 12 KNOTS,R	DNS - RAN OFF END OF R	UNWAY CR-	0 0	2		AIRLINE TRANSPORT, AGE 49, 12408 TOTAL HOURS, 658 IN TYPE, INSTRUMENT
-3189	MISCELLANEO REMARKS- GUST 6/27/79 BE TIME - 1108	US ACTS,CONDITIO S TO 12 KNOTS,R TTLES,AK	DNS - RAN OFF END OF R JNWAY NOTAMED CLOSED. Douglas DC3C N59314	UNWAY CR-	0 0	2	COMMERCIAL	49, 12408 TOTAL HOURS,
-3189	MISCELLANEO REMARKS- GUST 6/27/79 BE	US ACTS,CONDITIC S TO 12 KNOTS,R TTLES,AK RT - BETTLES NT J	DNS - RAN OFF END OF R JNWAY NOTAMED CLOSED. DOUGLAS DC3C N59314 DAMAGE-SUBSTANTIAL	UNWAY CR-	0 0	2	COMMERCIAL	49, 12408 TOTAL HOURS, 658 IN TYPE, INSTRUMENT
-3189	MISCELLANEO REMARKS- GUST 6/27/79 BE TIME - 1108 NAME OF AIRPO DEPARTURE POI	US ACTS,CONDITIG S TO 12 KNOTS,R TTLES,AK RT - BETTLES NT I	DNS - RAN OFF END OF R JNWAY NOTAMED CLOSED. Douglas DC3C N59314 DAMAGE-SUBSTANTIAL	UNWAY CR-	000	2 0	COMMERCIAL	49, 12408 TOTAL HOURS, 658 IN TYPE, INSTRUMENT
-3189	MISCELLANEO REMARKS- GUST 6/27/79 BE TIME - 1108 NAME OF AIRPO DEPARTURE POIN FAIRBANKS.A TYPE OF ACCID OVERSHOOT	US ACTS,CONDITIG S TO 12 KNOTS,R TTLES,AK RT - BETTLES NT I	DNS - RAN OFF END OF R JNWAY NOTAMED CLOSED. DOUGLAS DC3C N59314 DAMAGE-SUBSTANTIAL	UNWAY CR-	O O O O PHAS	2 0 E OF	COMMERCIAL AIR TAXI-CARGO	49, 12408 TOTAL HOURS, 658 IN TYPE, INSTRUMENT RATED.
-3189	MISCELLANEO REMARKS- GUST 6/27/79 BE TIME - 1108 NAME OF AIRPO DEPARTURE POI FAIRBANKS.A TYPE OF ACCID OVERSHOOT GROUND-WATE PROBABLE CAUS PILOT IN CO	US ACTS,CONDITIG S TO 12 KNOTS,R TTLES,AK RT - BETTLES NT J K ENT R LOOP-SWERVE E(S) MMAND - MISJUDGI	DOUGLAS DC3C DOUGLAS DC3C N59314 DAMAGE-SUBSTANTIAL INTENDED DESTINATION BETTLES,AK	UNWAY CR-	O O O O PHAS	2 0 E OF	COMMERCIAL AIR TAXI-CARGO = OPERATION NG LEVEL OFF/TOUCHDO	49, 12408 TOTAL HOURS, 658 IN TYPE, INSTRUMENT RATED.
-3189	MISCELLANEO REMARKS- GUST 6/27/79 BE TIME - 1108 NAME OF AIRPO DEPARTURE POI FAIRBANKS.A TYPE OF ACCID OVERSHOOT GROUND-WATED PROBABLE CAUSI PILOT IN CO PILOT IN CO	US ACTS,CONDITIG S TO 12 KNOTS,R TTLES,AK RT - BETTLES NT J K ENT R LOOP-SWERVE E(S) MMAND - MISJUDGI	DNS - RAN OFF END OF R JNWAY NOTAMED CLOSED. DOUGLAS DC3C N59314 DAMAGE-SUBSTANTIAL INTENDED DESTINATION BETTLES,AK	UNWAY CR-	O O O O PHAS	2 0 E OF	COMMERCIAL AIR TAXI-CARGO = OPERATION NG LEVEL OFF/TOUCHDO	49, 12408 TOTAL HOURS, 658 IN TYPE, INSTRUMENT RATED.
-3189	MISCELLANEO REMARKS- GUST 6/27/79 BE TIME - 1108 NAME OF AIRPO DEPARTURE POI FAIRBANKS.A TYPE OF ACCID OVERSHOOT GROUND-WATE PROBABLE CAUS PILOT IN CO FACTOR(S)	US ACTS,CONDITIC S TO 12 KNOTS,R TTLES,AK RT - BETTLES NT I K ENT R LOOP-SWERVE E(S) MMAND - MISJUDGI MMAND - FAILED T	DOUGLAS DC3C N59314 DAMAGE-SUBSTANTIAL INTENDED DESTINATION BETTLES,AK	UNWAY CR- PX-	0 0 0 0 PHAS LA LA	2 0 NDII	COMMERCIAL AIR TAXI-CARGO - OPERATION NG LEVEL DFF/TOUCHDO NG ROLL	49, 12408 TOTAL HOURS, 658 IN TYPE, INSTRUMENT RATED.
-3189	MISCELLANEO REMARKS- GUST 6/27/79 BE TIME - 1108 NAME OF AIRPO DEPARTURE POI FAIRBANKS.A TYPE OF ACCID OVERSHOOT GROUND-WATE PROBABLE CAUS PILOT IN CO FACTOR(S) PILOT IN CO	US ACTS,CONDITIC S TO 12 KNOTS,R TTLES,AK RT - BETTLES NT I K ENT R LOOP-SWERVE E(S) MMAND - MISJUDGI MMAND - FAILED T	DOUGLAS DC3C N59314 DAMAGE-SUBSTANTIAL INTENDED DESTINATION BETTLES,AK	UNWAY CR- PX-	0 0 0 0 PHAS LA LA	2 0 NDII	COMMERCIAL AIR TAXI-CARGO - OPERATION NG LEVEL DFF/TOUCHDO NG ROLL	49, 12408 TOTAL HOURS, 658 IN TYPE, INSTRUMENT RATED.

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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3190	TIME - C		N1991U DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL.INSTR., AGE 27, 1059 TOTAL HOURS, 51 IN TYPE, NOT INSTRU- MENT RATED.
	DEPARTUR KOTLIK,		INTENDED DESTINATION EMMONAK,AK			
		ACCIDENT		PHASE OF	- OPERATION	
	ENGINE	FAILURE OR MALFUNC	TION	IN FL	IGHT NORMAL CRUISE NG ROLL	
3-2876	PERSON PILOT MISCEL FACTOR(S TERRAI COMPLETE EMERGENC REMARKS	IN COMMAND - INADEQ LANEOUS ACTS,CONDIT ) IN - ROUGH/UNEVEN POWER LOSS - COMPL CY CIRCUMSTANCES - F FLOAT EQUIPPED ACF TRAIL CREEK,AK	DEHAVILLAND DHC-3 N90575 DAMAGE-SUBSTANTIAL	FION AND/OR PLA MEOUT-1 ENGINE DRT ON LAND LNDG ON TUNDRA CR- 0 0 1	• •	CREW) COMMERCIAL, AGE UNK/NR, 3500 TOTAL HOURS, 1000 IN TYPE, NOT INSTRUMENT RATED.
	котдев	ACCIDENT	INTENDED DESTINATION TRAIL CREEK,AK		- OPERATION NG LEVEL OFF/TOUCHDO	IWN
		OLLAPSED			NG ROLL	
	PILOT PILOT FACTOR(S	CAUSE(S) IN COMMAND - MISJUD IN COMMAND - FAILED ) LANEDUS ACTS,CONDIT	4			

FILE	·····	AIRCRAFT DATA	F S M/N	PURPOSE	PILOT DATA				
	7/2/79 NR.PORTAGE.AK TIME - 1530	ENSTROM F-28C N532H DAMAGE-SUBSTANTIAL	CR- 0 0 1		COMMERCIAL, FL.INSTR., AGE 20, 1322 TOTAL HOURS 44 IN TYPE, NOT INSTRU- MENT RATED.				
	DEPARTURE POINT ANCHORAGE.AK TYPE OF ACCIDENT ENGINE FAILURE OR MALF HARD LANDING	PORTAGE + AK	IN FL	F OPERATION IGHT NORMAL CRUISE NG POWER-OFF AUTOROI	ATIVE LANDING				
				AIL DRG FORCED LNDG C	DN TUNDRA.CO FLT PLN.				
3-2368	REMARKS- NO 2 CONNECTING 7/12/79 NR.ARCTIC VILLA TIME - 1002		CR- 0 0 1 PX- 0 0 1		ON TUNDRA.CO FLT PLN. COMMERCIAL, AGE 28, 2700 TOTAL HOURS, 254 IN TYPE, INSTRUMENT RATED.				

FILE	DATE	LOCATION	AIRCRAFT DATA	INJ	URIES		FLIGHT	PILOT DATA	
				F	S M/N	٩	PURPOSE		
3-3364	7/12/79 NR.ANC TIME - 0932 DEPARTURE POINT		CESSNA 402B N402TH DAMAGE-DESTROYED INTENDED DESTINATION				MMERCIAL R TAXI-PASSG	COMMERCIAL, AGE 26, TOTAL HOURS, 1715 I TYPE, INSTRUMENT RA	N
	ANCHORAGE, AK KENAI, AK				DULLOF				
	TYPE OF ACCIDEN COLLISION WIT		ER CONTROLLED				PERATION T NORMAL CRUISE		
	MISCELLANEOUS FACTOR(S)	QUIPMENT AND ACTS+CONDIT	ACCESSORIES - FLIGHT IONS - MATERIAL FAILURI	2				E COMPASS	
	MISCELLANEOUS	ACTS, CONDIT		USED M	ISC.EQU	JIPME	NT		
	PERSONNEL - AIRWAYS FACILITIES PERSONNEL OTHER PERSONNEL - TRAFFIC CONTROL PERSONNEL FAILURE TO PROPERLY IDENTIFY AIRCRAFT ON RADAR WEATHER - LOW CEILING WEATHER - RAIN								
	WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT								
	SKY CONDITION OBSCURATION VISIBILITY AT A	- CCIDENT SITE			UNKN PRECIF	NOWN/	ACCIDENT SITE NOT REPORTED ION AT ACCIDENT S	ITE	
	ZERO OBSTRUCTIONS TO FOG TYPE OF FLIGHT		CCIDENT SITE				NOT REPORTED ATHER CONDITIONS		-
	IFR IFR REMARKS- ACFT OBSVD W IFR ARVL TRANS CODE AFT DEPT.FLUX DECTR WIRES CHAFED.GD CTLR CNT COM DRCTY W DEPT CTL								
3-2119	7/13/79 HALI TIME - 1040	BUT COVE₊AK	CESSNA A185F N70279 DAMAGE-SUBSTANTIAL	PX-			MMERCIAL R TAXI-CARGO	AIRLINE TRANSPORT, 35, 3315 TOTAL HOUR: IN TYPE, INSTRUMENT	S, 2
	DEPARTURE POINT HOMER,AK		INTENDED DESTINATION HALIBUT COVE,AK					RATED.	
	TYPE OF ACCIDEN WHEELS-DOWN L		TER				PERATION LEVEL OFF/TOUCHDO	DWN	
	PROBABLE CAUSE(S)   PILOT IN COMMAND - FAILED TO RETRACT LANDING GEAR   FACTOR(S)								
	PILOT IN COMM MISCELLANEOUS	ACTS, CONDIT	TO FOLLOW APPROVED PRI IONS - CHECKLIST-FAILER IONS - AIRCRAFT CAME T	) TO US	E		S,ETC.		

			- BRIEF	S OF A	CCIDE	NTS		
FILE	DATE	LOCATION	AIRCRAFT DATA	1	JURIE. FS	M/N		PILOT DATA
3-2877	7/13/79 TIME - 19 NAME OF A DEPARTURE	TOGIAK•AK 00 .IRPORT - TOGIAK CANN 9 POINT I	CESSNA 180 N2435F DAMAGE-SUBSTANTIAL ERY NTENDED DESTINATION	CR- PX-	0 0	1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 37, 3960 TOTAL HOURS, 200 IN TYPE, INSTRUMENT RATED.
	DILLING TYPE OF A OVERSHO GROUND <del>-</del>	CCIDENT	ΤΟGΙΑΚ,ΑΚ		L	NDI	F OPERATION NG LEVEL OFF/TOUCHDO NG ROLL	WN
	PILOT I MISCELL	N COMMAND - MISJUDGE N COMMAND - FAILED 1	D DISTANCE AND SPEED O INITIATE GO-AROUND NS - INTENTIONAL GROU - UNATTENDED.	JND-WA	TER-LO	)0P-	SWERVE	
3-3465	8/5/79 TIME - UN	NR.IVAN SLOUGH.AK K/NR	CESSNA 206 N734YS DAMAGE-DESTROYED				COMMERCIAL AIR TAXI-PASSG	ATP,FLIGHT INSTR., AGE 36, 4750 TOTAL HOURS, UNK/NR IN TYPE, INSTRU- MENT RATED.
	DEPARTURE				PHAS	/AN Se o	ROUTE STOP SLOUGH F OPERATION WN/NOT REPORTED	
	FACTOR(S) PILOT I PILOT I WEATHER WEATHER WEATHER B WEATHER F	ANEOUS - UNDETERMINE N COMMAND - ATTEMPTE N COMMAND - INITIATE - LOW CEILING - RAIN - FOG RIEFING - NO RECORD ORECAST - FORECAST S CIRCUMSTANCES - UNK	D OPERATION W/KNOWN C D FLIGHT IN ADVERSE V OF BRIEFING RECEIVED UBSTANTIALLY CORRECT			-		
	SKY CONDI OVERCAS VISIBILIT UNKNOWN OBSTRUCTI UNKNOWN TYPE OF F NONE PEMAPKS-	Y 06 1	UI PREC UI TYPE	NKNO SIPI NKNO E OF NKNO	AT ACCIDENT SITE WN/NOT REPORTED TATION AT ACCIDENT SI WN/NOT REPORTED WEATHER CONDITIONS WN/NOT REPORTED CT FAILURES.UN BATTER			

BRIEFS OF ACCIDENTS

		BRIEF	S OF ACCIDENTS		
FILE	DATE LOCATION	AIRCRAFT DATA		FLIGHT PURPOSE	PILOT DATA
-3954	8/7/79 NIKISHKI•AK TIME - 1110	CESSNA 207A N6469H DAMAGE-SUBSTANTIAL	CR- 1 1 0 COM PX- 0 0 0 AIR	MERCIAL	ATP,FLIGHT INSTR., AGE 45, 9500 TOTAL HOURS, 2000 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - BUTLER A DEPARTURE POINT NIKISHKI.AK TYPE OF ACCIDENT ENGINE FAILURE DR MALFUN COLLIDED WITH TREES	INTENDED DESTINATION RETURN	KODIAK,AK PHASE D≓ OP TAKEOFF		
	PROBABLE CAUSE(S) POWERPLANT - MISCELLANED PILOT IN COMMAND - FAILE FACTOR(S) PILOT IN COMMAND - INADE	D TO SEE AND AVOID OBJE QUATE PREFLIGHT PREPARA	CTS OR OBSTRUCTIONS		
	PILOT IN COMMAND - MISUS AIRPORTS/AIRWAYS/FACILIT AIRPORTS/AIRWAYS/FACILIT MISCELLANEOUS ACTS,CONDI TERRAIN - HIGH OBSTRUCTI PARTIAL POWER LOSS - PARTI REMARKS- MOMENTARY PWR RED	IES - AIRPORT CONDITION IES - AIRPORT CONDITION TIONS - IMPROPERLY LOAD INS AL LOSS OF POWER - 1 EN	IS WET RUNWAY S SOFT RUNWAY ED AIRCRAFT-WEIGHT- IGINE		D,COL W DEAD SNAG TR.
-2113	8/9/79 NR.GULKANA,AK	PIPER PA-12	CR- 0 0 1 CDM		COMMERCIAL, AGE 23, 1470
	TIME - 0900	N7853H DAMAGE-SUBSTANTIAL	PX- 0 0 2 AIR	TAXI-PASSG	TOTAL HOURS, 45 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - LONG LAK DEPARTURE POINT LONG LAKE,AK TYPE OF ACCIDENT	E INTENDED DESTINATION BLUE LAKE,AK	PHASE OF OP	ERATION	
	NOSE OVER/DOWN		TAKEOFE	ABORITED	
	PROBABLE CAUSE(S) PILOT IN COMMAND - DELAY FACTOR(S)				
	PILOT IN COMMAND - INADE REMARKS- FLOAT EQPD.	JUATE PREFLIGHT PREPARA	TION AND/OR PLANNIN	G	
3-3365	8/10/79 BORNITE,AK TIME - 1835	CESSNA 182 N914av Damage-Substantial	CR- 0 0 1 COM PX- 0 0 1 AIR		COMMERCIAL, AGE 36, 10500 TOTAL HOURS, 1000 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - BORNITE DEPARTURE POINT BORNITE,AK	INTENDED DESTINATION FAIRBANKS,AK	-		
	TYPE OF ACCIDENT ENGINE FAILURE OR MALFUN COLLIDED WITH TREES	CTION	PHASE OF OP TAKEOFF LANDING	INITIAL CLIMB	
	PROBABLE CAUSE(S) PILOT IN COMMAND - INADE MISCELLANEBUS ACTS,CONDI EMERGENCY CIRCUMSTANCES -	TIONS - WATER IN FUEL		G	
	ENERGENCE CIRCONSTANCES -	GROUD LANDING OFF AIRF	ONT ON LAND		

FILE	DATE	LOCATION	AIRCRAFT DATA		F	IES S M		FLIGHT PURPOS <b>E</b>	PILOT DATA
		.ILIAMNA,AK	CESSNA U206F N83640 DAMAGE-SUBSTANTIAL	C R-	0			COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 45, 1780 TOTAL HOURS 200 IN TYPE, INSTRUMENT RATED.
	DEPARTURE P ILIAMNA,A TYPE OF ACC GROUND-WA	АK	INTENDED DESTINATION RETURN			G I HA S	BRA	ROUTE STOP LTER RIVER,AK F OPERATION. FF RUN	
	FACTOR(S) WEATHER -	COMMAND - INITIA SUDDEN WINDSHIF	TED FLIGHT IN ADVERSE W	IEATHE	R C	OND	[ T ] (	ONS	
	MISCELLAN WEATHER BRI		IONS - AIRCRAFT CAME TO BY FLIGHT SERVICE PERSO NOT REPORTED						
	SKY CONDITI BROKEN				-	30	00	AT ACCIDENT SITE	_
	5 OR OVER	AT ACCIDENT SITE (UNLIMITED) IS TO VISION AT A				NO	NE.	TATION AT ACCIDENT SIT	-
	NONE WIND VELOCI 30 TYPE OF FLI	TY-KNOTS				9	) DF	WEATHER CONDITIONS	
	NONE		D GUSTS TO 30K WITH OCC	AS GUS	5 T S	90	DE	GREE FROM PREVAILING W	IND -RT CROSSWIND.
-2324	8/16/79	SHELDONS POINT+A	K CESSNA 185	CR-	0	0	1	COMMERCIAL	COMMERCIAL, AGE 29, 2580
	DEPARTURE P	PORT - SHELDONS OINT	INTENDED DESTINATION	PX-	0	0	2	AIR TAXI-PASSG	TOTAL HOURS, 404 IN TYPE, NOT INSTRUMENT RATED.
	ST.MICHEALS.AK. SHELDONS POINT.AK TYPE OF ACCIDENT PHASE OF OPERATION NOSE OVER/DOWN LANDING ROLL								
	PERSONNEL AIRPORTS/ AIRPORTS/	COMMAND - INADEOU	AILURE TO MARK OBSTRUCTION						

BRIEFS OF ACCIDENTS AIRCRAFT DATA PILOT DATA FILE DATE LOCATION INJURIES FLIGHT F S M/N PURPOSE \_\_\_\_\_ 3-3875 9/2/79 NR.ALAKANUK.AK HUGHES 500C CR- 0 0 1 COMMERCIAL ATP, FLIGHT INSTR., AGE TIME - 1025 N9090F PX- 0 2 0 AIR TAXI-PASSG 28, 5410 TOTAL HOURS, 900 DAMAGE-SUBSTANTIAL IN TYPE, INSTRUMENT RATED. DEPARTURE POINT INTENDED DESTINATION ALAKANUK . AK LDCAL TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT HOVERING HARD LANDING LANDING POWER-OFF AUTOROTATIVE LANDING PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION INADEQUATE MAINTENANCE AND INSPECTION POWERPLANT - FUEL SYSTEM PUMP, FUEL MISCELLANEOUS ACTS, CONDITIONS - EXCESSIVE-WEAR/PLAY COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- FUEL PUMP DRIVE SHAFT SPLINES WORN AD 78-14-08 NCW.ENG PWR LOST DRG HOVER AT APRX 50FT AGL. 3-3763 9/7/79 NR.GULKANA, AK AIRLINE TRANSPORT, AGE PIPER PA-18 CR<del>.</del> 1 O O COMMERCIAL TIME - UNK/NR 57, 22300 TOTAL HOURS, N82706 PX- 1 0 0 AIR TAXI-PASSG DAMAGE-SUBSTANTIAL UNK/NR IN TYPE, INSTRU-MENT RATED. DEPARTURE POINT INTENDED DESTINATION GULKANA.AK LOCAL TYPE OF ACCIDENT PHASE OF OPERATION STALL SPIN IN FLIGHT OTHER PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER REMARKS- TRANSPORTING HUNTERS.FLOAT EQPD.CRASHED NEAR SHORE OF SMALL LAKE.FLT PHASE UNK. CR- 0 0 1 COMMERCIAL 3-3616 9/8/79 NR.UMIAT.AK CESSNA 207 COMMERCIAL, FL.INSTR., AGE 26, 1795 TOTAL HOURS, TIME - 1030 N1759U PX- 0 0 2 AIR TAXI-PASSG DAMAGE-SUBSTANTIAL 115 IN TYPE, INSTRUMENT RATED. LAST ENROUTE STOP DEPARTURE POINT INTENDED DESTINATION BARROW.AK. RETURN UMIAT.AK TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT NORMAL CRUISE LANDING ROLL GEAR COLLAPSED PROBABLE CAUSE(S) POWERPLANT - ENGINE STRUCTURE CRANKSHAFT MISCELLANEOUS ACTS, CONDITIONS - FATIGUE FRACTURE FACTOR(S) TERRAIN - ROUGH/UNEVEN MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- CRANKSHAFT FAILED AT NO 2 JOURNAL.

			BRIEFS	S OF A	CCI	DEN	rs		 	
FILE	DATE		AIRCRAFT DATA		F	S M,	'N	FLIGHT PURPOSE	PILOT DATA	
3-3486	9/8/79 TIME - 15 DEPARTURE ANCHORA TYPE OF A NOSE OV	MOOSE CREEK LK,AK 40 POINT I AGE,AK		CR- PX-	0 0 L	O O .AST MOC HÀSE	1 O ENF SE OF	COMMERCIAL AIR TAXI-CARGO OUTE STOP CREEK LK.AK OPERATION F ABORTED	COMMERCIAL, AGE 54, 3 TOTAL HOURS, 716 IN TY INSTRUMENT RATED.	
• • •	PILOT I FACTOR(S) WEATHER WEATHER TERRAIN WEATHER B	N COMMAND - SELECTED N COMMAND - DELAYED - UNFAVORABLE WIND - HIGH DENSITY ALTI N - ROUGH/UNEVEN RIEFING - SELF-HELP,	ACTION IN ABORTING TA							
	5 OR OV OBSTRUCTI NONE WIND VELC 8 TYPE OF F OTHER	ED Y AT ACCIDENT SITE ER(UNLIMITED) ONS TO VISION AT ACC CITY-KNOTS LIGHT PLAN	IDENT SITE BLE 8-10KTS.INSUF WAT	ER FOI	Р Т Т	UN L PRECI NON EMPE 70 YPE VFR	IMI PI RA OF	AT ACCIDENT SITE TED TATION AT ACCIDENT SI TURE-F WEATHER CONDITIONS ANE TO LND DRG ABORT	-LT PLN.D/A 3413FT	
3-3705	9/16/79 TIME - 17 DEPARTURE SITKA,AK TYPE OF A ROLL OV	POINT I	BELL 206 N16877 DAMAGE-SUBSTANTIAL NTENDED DESTINATION RETURN	РХ <del>-</del>	0 L	0 AST RUE HASE	3 ENR Y E	COMMERCIAL AIR TAXI-PASSG OUTE STOP SLUFF BAY,AK OPERATION F VERTICAL	COMMERCIAL, AGE 29, 34 TOTAL HOURS, 582 IN TY NOT INSTRUMENT RATED.	үре,
	FACTOR(S) TERRAIN	N COMMAND - INADEQUA - HIDDEN OBSTRUCTIO	TE PREFLIGHT PREPARAT NS T DRG TKOF & HEL ROLL			OR P	LAN	INING		

FILE	DATE LOCATION	AIRCRAFT DATA		_IGHT JRPOSE	PILOT DATA
	9/20/79 OLD HARBOR,AK TIME - 1201 NAME OF AIRPORT - OLD HARBON	BELLANCA 8GCBC N86932 DAMAGE-SUBSTANTIAL	CR- 0 0 1 COMME PX- 0 0 1 AIR T		COMMERCIAL, AGE 38, 890 TOTAL HOURS, 82 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT	INTENDED DESTINATION	LAST ENROUTE		
	KODIAK,AK TYPE OF ACCIDENT	OLD HARBOR,AK	UNKNOWN/NOT PHASE OF OPER		
	OVERSHOOT HARD LANDING		LANDING LE	EVEL OFF/TOUCHDOWN EVEL OFF/TOUCHDOWN	
	PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUD( FACTOR(S)	GED DISTANCE AND ALTITU	DE		
	AIRPORTS/AIRWAYS/FACILITIE REMARKS-FLOAT EQUIPPED.	ES - AIRPORT CONDITIONS	GLASSY WATER		
					-
<b>-</b> 2123	9/28/79 NR.BETHEK,AK TIME - 1500	N4695E DAMAGE-SUBSTANTIAL	CR- 0 0 1 COMME PX- 0 0 2 AIR T		COMMERCIAL, AGE 32, 1389 TOTAL HOURS, 564 IN TYPE INSTRUMENT RATED.
	NAME OF AIRPORT - HANGAR LAN DEPARTURE POINT	KE INTENDED DESTINATION	LAST ENROUTE	STOP	
	BETHEK,AK	RETURN	UNKNOWN/NOT	REPOR TED	
	TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE		PHASE OF OPER TAKEOFF RU		
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED FACTOR(S)	TO MAINTAIN DIRECTION	L CONTROL		
·	MISCELLANEOUS ACTS,CONDIT REMARKS- FLOAT EQUIPPED.	IONS - AIRCRAFT CAME TO	REST IN WATER		
			PAGE 90		

			S OF ACCIDENTS	•
FILE	DATE LOCATION	AIRCRAFT DATA	F S M/N PURPOSE	PILOT DATA
	10/3/79 NR.JUNEAU.AK TIME - 1213		CR- 1 0 0 COMMERCIAL PX- 2 0 0 AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 22, 2623 TOTAL HOURS 21 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT JUNEAU,AK TYPE OF ACCIDENT COLLISION WITH GROUND/N	RETURN	LAST ENROUTE STOP HOONAH,AK. PHASE OF OPERATION IN FLIGHT UNCONTROLLED DESCEM	VT
	PILOT IN COMMAND - SPA FACTOR(S) PILOT IN COMMAND - INAU PILOT IN COMMAND - PHYS MISCELLANEOUS ACTS,CONT WEATHER - LOW CEILING WEATHER - RAIN	DEQUATE PREFLIGHT PREPARA GICAL IMPAIRMENT DITIONS - ALCOHOLIC IMPAI ASSOCIATED W/CLOUDS AND/O ED BY FLIGHT SERVICE PERS ST SUBSTANTIALLY CORRECT TTE ACCIDENT SITE IS	TION AND/OR PLANNING RMENT OF EFFICIENCY AND JUDGMENT R THUNDERSTORMS CONNEL, IN PERSON CEILING AT ACCIDENT SITE 650 PRECIPITATION AT ACCIDENT SITE RAIN TEMPERATURE-F 49 TYPE OF FLIGHT PLAN VFR	
3-3617	ANCHORAGE.AK TYPE OF ACCIDENT ENGINE FAILURE OR MALFU COLLIDED WITH BUILDING PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE	INTENDED DESTINATION ANCHORAGE, AK INCTION G(S) , SERVICING, INSPECTION O		COMMERCIAL, AGE 44, 11120 TOTAL HOURS, 540 IN TYPE, INSTRUMENT RATED.
	PILOT IN COMMAND - INAC MISCELLANEOUS ACTS,COND PARTIAL POWER LOSS - PART EMERGENCY CIRCUMSTANCES - FIRE AFTER IMPACT	EQUATE PREFLIGHT PREPARA DITIONS - WATER IN FUEL IAL LOSS OF POWER - 1 EN - FORCED LANDING ON AIRPO		

BRIEFS OF ACCIDENTS

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			BRIEFS	S OF ACCI	DENTS		
FILE		LOCATION	AIRCRAFT DATA	F	S M/N	FLIGHT PURPOSE	PILOT DATA
		GALENA+AK	CESSNA 180K N61855 DAMAGE-SUBSTANTIAL	CR- 0 PX- 0	0 1	COMMERCIAL	COMMERCIAL, AGE 29, 1090 TOTAL HOURS, 4 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE RUBY,AK TYPE OF AC	RPORT - GALENA POINT CCIDENT ATER LOOP-SWERVE	INTENDED DESTINATION GALENA,AK	Ρ		F OPERATION NG ROLL	
	PILOT IN	N COMMAND - IMPRO	PER OPERATION OF BRAKES DF FAMILIARITY WITH AIRC		LIGHT	CONTROLS	
3-3890	10/19/79 TIME - 160	KOYUK, AK 00	DEHAVND CAN DHC-3 N48148 DAMAGE-SUBSTANTIAL	PX- 0		COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 27, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, INSTRU~ MENT RATED.
	DEPARTURE NOME,AK TYPE OF AC	RPORT - KOYUK POINT CIDENT WITH OBJECT	INTENDED DESTINATION RETURN		KOYUK HASE O	ROUTE STOP • AK F OPERATION FF ABORTED	
	PILOT IN MISCELLA FACTOR(S) WEATHER MISCELLA WEATHER BR	COMMAND - INADEG COMMAND - DELAY NECUS ACTS,CONDI - SNOW ANEOUS ACTS,CONDI	QUATE PREFLIGHT PREPARAT ED ACTION IN ABORTING TA TIONS - AIRFRAME ICE TIONS - RAN OFF END OF F G RECEIVED-METHOD UNKNOW /NOT REPORTED	AKEOFF Runway	OR PLA	NNING	
	UNKNOWN/ OBSTRUCTIO UNKNOWN/ TYPE OF WE VFR	AT ACCIDENT SIT NOT REPORTED DNS TO VISION AT NOT REPORTED EATHER CONDITIONS	ACCIDENT SITE	P R T	UNKNO RECIPI SNOW ELATIV LIGHT YPE OF VFR	AT ACCIDENT SITE WN/NOT REPORTED TATION AT ACCIDENT S E BEARING OF WIND AND VARIABLE FLIGHT PLAN	I TE

FILE	DATE	LOCATION	AIRCRAFT DATA	IN. F			N	FLIGHT PURPOSE	PILOT DATA
		KOTZEBUE,AK	BEECH E18S N477GM DAMAGE-SUBSTANTIAL	CR- PX-	0	0	1 C		COMMERCIAL, AGE 29, UNK/NR TOTAL HOURS, 40 I TYPE, NOT INSTRUMENT RATED.
	DEPARTURE KOTZEBUE TYPE DF AC	E•AK CCIDENT FAILURE OR MALFUN	INTENDED DESTINATION SELAWIK,AK		PH	JNKN IASE TAK	OWN/ OF EOFF	UTE STOP NOT REPORTED OPERATION INITIAL CLIMB. LEVEL OFF/TOUCHDO	
	MISCELLA PARTIAL PO EMERGENCY	N COMMAND - INADEU ANEOUS ACTS+CONDII DWER LOSS - PARTI CIRCUMSTANCES - F	DUATE PREFLIGHT PREPARAT TIDNS - INTENTIONAL WHEE AL LOSS OF POWER - 1 ENC FORCED LANDING OFF AIRPO RZN LAKE TO PREVENT GEAF	ELS-UP GINE DRT ON	LAN	ID.			OST ON WINGS.
3-3981	10/30/79 TIME - 103	BETTLES.AK	DDUGLAS DC-3 N99663 DAMAGE-SUBŠTANTIAL					OMMERCIAL IR TAXI-CARGO	ATP,FLIGHT INSTR., AGE 37, 7000 TOTAL HOURS, 1000 IN TYPE, INSTRUMENT RATED.
	DEPARTURE FAIRBANK TYPE OF AC		INTENDED DESTINATION AMBLER.AK RCRAFT		P۲	BET	TLES OF	UTE STOP •AK OPERATION FINAL APPROACH	
	FACTOR(S) WEATHER WEATHER WEATHER WEATHER BR	I COMMAND - IMPROF - LOW CEILING - FOG - SNOW RIEFING - BRIEFED	PER IFR OPERATION BY FLIGHT SERVICE PERSO SUBSTANTIALLY CORRECT	)NNEL,	IN	PER	SON		
	1/2 MILE OBSTRUCTIO BLOWING	TION AT ACCIDENT SITE OR LESS INS TO VISION AT A SNOW			PR RE	500 ECI SNO LAT CAL	PITA W IVE M	T ACCIDENT SITE TION AT ACCIDENT SI BEARING OF WIND	TE
	TEMPERATUR 28 TYPE OF WE BELOW MI	ATHER CONDITIONS			ΤY	CAL	M DF F	CITY-KNOTS LIGHT PLAN	

BRIEFS OF ACCIDENTS FILE DATE LOCATION AIRCRAFT DATA INJURIES FLIGHT PILOT DATA PURPOSE F S M/N \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ CR- 0 0 1 COMMERCIAL COMMERCIAL, FL.INSTR., 3-2852 11/14/79 CANTWELL.AK CESSNA 185 TIME - 0900 N2660S PX- C O O AIR TAXI-CARGO AGE 36, 3019 TOTAL HOURS, DAMAGE-SUBSTANTIAL 167 IN TYPE, INSTRUMENT RATED. NAME OF AIRPORT - GOLDEN NORTH INTENDED DESTINATION DEPARTURE POINT LAST ENROUTE STOP CANTWELL, AK RETURN KANTISHNA, AK TYPE OF ACCIDENT PHASE OF OPERATION TAKEOFF RUN GROUND-WATER LOOP-SWERVE COLLIDED WITH DIRT BANK TAKEOFF ABOR TED PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS POORLY MAINTAINED RUNWAY SURFACE REMARKS- RWY 2095FT LONG COVERED W 1&1/2FT PACKED SNOW MARRED BY RUTS. COMMERCIAL, AGE 29, 2700 3-3485 11/20/79 GOLD KING CRK,AK CESSNA 206 CR- 0 0 1 COMMERCIAL TOTAL HOURS, 500 IN TYPE, TIME - 1445 N206JP PX- 0 0 3 AIR TAXI-PASSG INSTRUMENT RATED. DAMAGE-SUBSTANTIAL NAME OF AIRPORT - GOLD KING CREEK INTENDED DESTINATION DEPARTURE POINT LAST ENROUTE STOP FAIRBANKS,AK RETURN GOLD KING CRK,AK TYPE OF ACCIDENT PHASE OF OPERATION GROUND-WATER LOOP-SWERVE TAKEOFF RUN TAKEOFF RUN COLLIDED WITH SNOWBANK PROBABLE CAUSE(S) PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SNOW ON RUNWAY AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SOFT RUNWAY WEATHER - UNFAVORABLE WIND CONDITIONS CEILING AT ACCIDENT SITE SKY CONDITION UNKNOWN/NOT REPORTED 5000 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 5 OR OVER (UNLIMITED) NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE RELATIVE BEARING OF WIND NONE RIGHT CROSS WIND 068-112 DEGREES TEMPERATURE-F WIND DIRECTION-DEGREES 36 180 TYPE OF WEATHER CONDITIONS WIND VELOCITY-KNOTS VFR 8 TYPE OF FLIGHT PLAN NONE REMARKS- R MAIN GEAR DUG INTO LOOSE SNOW DURING T/O RUN. 8 INCHES LOOSE PACKED SNOW.

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			BRIEF:	5 OF ACCIDENTS		
FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N		PILOT DATA
3-4015	12/2/79 TIME - 162	DUTCH HARBOR,AK 1	LEAR JET 24 N300JA DAMAGE-DESTROYED		COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 56, 15756 TOTAL HOURS, 5000 IN TYPE, INSTRUMEN RATED.
	NAME OF AI	RPORT - DUTCH HARE	BOR			
	DEPARTURE	-	INTENDED DESTINATION			
	DUTCH HA TYPE OF AC		ANCHOR AGE + AK		OF OPERATION	
		ATER LOOP-SWERVE			OFF RUN	
		WITH OBJECT			OFF ABORTED	
	PROBABLE C	ALICE (C)				· ·
	PILOT IN	COMMAND - SELECTE	ED UNSUITABLE TERRAIN AGTION IN ABORTING TA	KEOFF		
	PERSONNE AIRPORTS AIRPORTS AIRPORTS	/AIRWAYS/FACILITIE /AIRWAYS/FACILITIE /AIRWAYS/FACILITIE	ISORY PERSONNEL IMPRO S - AIRPORT CONDITIONS S - AIRPORT CONDITIONS S - AIRPORT CONDITIONS	5 WET RUNWAY 5 ICE/SLUSH O 5 POORLY MAIN	N RUNWAY	
	FIRE AFTER		S - AIRPORT CONDITIONS	SUFI RUNWAY		
			RDERING R SIDE OF RWY.			
						· ·
8-2886	12/6/79 TIME - 154	WRANGELL,AK 5	CESSNA 185 N84627 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 48, 6700 TOTAL HOURS, 2300 IN TYPE, INSTRUMENT RATED.
	NAME OF AI	RPORT - WRANGELL S				They instructed water.
	DEPARTURE BRADFIEL		INTENDED DESTINATION WRANGELL+AK			
	TYPE OF AC				OF OPERATION ING LEVEL OFF/TOUCHDO	WN
	PROBABLE C		IAIN GEAR-SHOCK ABSORBI	NC ASSY STRUT		

			BRIEF	S OF ACCI			
FILE	DATE	LOCATION	AIRCRAFT DATA	INJUR F	IES 5 M/N	FLIGHT PURPOSE	PILOT DATA
	12/6/79 TIME - 162 NAME OF AI DEPARTURE AKIACHAK TYPE OF AC GROUND-W GEAR COL PROBABLE C AIRFRAME MISCELLA MISCELLA MISCELLA	AKIACHAK.AK 5 RPORT - AKIACHAK POINT .AK CIDENT ATER LOOP-SWERVE LAPSED AUSE(S) - LANDING GEAR NEOUS ACTS.CONDIT NEQUS ACTS.CONDIT NEQUS ACTS.CONDIT	CESSNA 185 NT0020 DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL BRAKING SYSTEM (NORMAL IONS - MATERIAL FAILUR D IN INITIATING GO-ARO IONS - OVERLOAD FAILUR IONS - INTENTIONAL GRO	CR- O PX- O PI SYSTEM) E UND E	0 1 0 3 HASE O LANDI LANDI	COMMERCIAL AIR TAXI-PASSG F OPERATION NG ROLL NG ROLL	COMMERCIAL, AGE 22, 2375 TOTAL HOURS, 100 IN TYPE INSTRUMENT RATED.
3-1363	5/16/79 TIME - 164 NAME OF AI DEPARTURE TUCSON,A	RPORT - SHOW LOW POINT Z	CESSNA 207 N7340U DAMAGE-SUBSTANTIAL INTENDED DESTINATION SHOW LOW,AZ	PX- Ó	00	AIR TAXI-PASSG	COMMERCIAL, AGE 45, 4005 TOTAL HOURS, 240 IN TYPE, INSTRUMENT RATED.
	PROBABLE C. PILOT IN PILOT IN FACTOR(S) WEATHER AIRPORTS	WITH DIRT BANK AUSE(S) COMMAND - IMPROP COMMAND - MISUSE - UNFAVORABLE WINI /AIRWAYS/FACILITI	ER COMPENSATION FOR WI O OR FAILED TO USE FLA O CONDITIONS ES - AIRPORT CONDITION O OF BRIEFING RECEIVED	ND CONDIT PS S OTHER	LANDI	F OPERATION NG GO-AROUND	
	VISIBILITY 5 OR OVE OBSTRUCTIO NONE TEMPERATUR 50 WIND VELOC 20 TYPE OF FL NONE	NOT REPORTED AT ACCIDENT SITE R(UNLIMITED) NS TO VISION AT A E-F ITY-KNOTS	CCIDENT SITE	PF Re W 1	2500 RECIPI NONE LATIV LEFT ND DI 180	AT ACCIDENT SITE TATION AT ACCIDENT S E BEARING OF WIND QUARTERING HEAD WIND RECTION-DEGREES WEATHER CONDITIONS	

									DILOT DATA
FILE	DATE	LOCATION	AIRCRAFT DA		F	S M/N	)	PURPOSE	PILOT DATA
	7/18/79 NR TIME - 1630	•CHINLE•AZ )	CESSNA 206 N29152 DAMAGE-SUBSTA	CR- PX- NTIAL	0	0 1	, I	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 41, 1750 TOTAL HOURS, 150 IN TYPE INSTRUMENT RATED.
	DEPARTURE F		INTENDED DESTINA GALLUP+NM	TION					
	TYPE OF ACC	-			Ρ			OPERATION GHT NORMAL CRUISE	
			NUED VFR FLIGHT IN DGED CLEARANCE	TO ADVERSE	WEA	THER	CO	NDITIONS	
		LOW CEILING	RD OF BRIEFING REC	EIVED					
	SKY CONDITI	ON			с	EILIN	IG	AT ACCIDENT SITE	
		AT ACCIDENT SITE	≣		Ρ			ATION AT ACCIDENT SIT	Ē
	2 MILES O OBSTRUCTION NONE TYPE OF FLI VFR	IS TO VISION AT	ACCIDENT SITE		Ţ	RAIN YPE O IFR		WEATHER CONDITIONS	
2775	TIME - 1835		N8533F DAMAGE-SUBSTA	PX- NTIAL				COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 27, 2136 Total Hours, 1229 In Type, not instrument Rated.
	DEPARTURE P TUSAYAN,A		INTENDED DESTINA LOCAL	TION					
		IDENT ILURE OR MALFUNG ING	CTION		Ρ	IN F	LI	OPERATION GHT NORMAL CRUISE G POWER-OFF AUTOROTA	TIVE LANDING
	POWERPLAN MISCELLAN FACTOR(S) TERRAIN - WEATHER - COMPLETE PO	<ul> <li>MAINTENANCE,</li> <li>FUEL SYSTEM</li> <li>EOUS ACTS,CONDI</li> <li>ROUGH/UNEVEN</li> <li>UNFAVORABLE WIN</li> <li>WER LOSS - COMPI</li> </ul>	PUMP,FUEL TIONS - EXCESSIVE-	WEAR/PLAY E/FLAMEOUT-	-1 E	NGINE		NCE (MAINTENANCE PERS	ONNEL)
	SKY CONDITI	ON			с			AT ACCIDENT SITE	
	5 OR OVER OBSTRUCTION	AT ACCIDENT SITE (UNLIMITED) S TO VISION AT A				NONE EMPER	IT/	ATION AT ACCIDENT SIT	E
	NONE WIND DIRECT 270	ION-DEGREES			Ŵ	78 IND V 5	ELC	DCITY-KNOTS	
		THER CONDITIONS			т	-		FLIGHT PLAN	

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BRIEFS OF ACCIDENTS FILE DATE LOCATION AIRCRAFT DATA INJURIES FLIGHT PILOT DATA F S M/N PURPOSE ------CR- 2 0 0 COMMERCIAL ATP, FLIGHT INSTR., AGE 3-0058 1/4/79 SACRAMENTO, CA BEECH G18S 47, 17000 TOTAL HOURS, TIME - 1738 N104KC PX- 0 0 0 AIR TAXI-CARGO 2000 IN TYPE, INSTRUMENT DAMAGE-DESTROYED RATED. NAME OF AIRPORT - SACRAMENTO EXEC DEPARTURE POINT INTENDED DESTINATION SACRAMENTO,CA SAN FRANCISCO,CA TYPE OF ACCIDENT PHASE OF OPERATION TAKEOFF INITIAL CLIMB STALL PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO ABORT TAKEOFF PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED FIRE AFTER IMPACT 3-3758 5/4/79 KERNVILLE.CA PIPER PA-44 CR- 0 0 1 COMMERCIAL ATP, FLIGHT INSTR., AGE TIME - 1625 N2160E PX- 0 0 2 AIR TAXI-PASSG 35, 5422 TOTAL HOURS, 150 DAMAGE-SUBSTANTIAL IN TYPE, INSTRUMENT RATED. NAME OF AIRPORT - KERN VALLEY DEPARTURE POINT INTENDED DESTINATION BURBANK, CA KERNVILLE,CA TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT LOW PASS COLLIDED WITH DIRT BANK LANDING ROLL PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - LANDED IN CONSTRUCTION AREA COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- LOW APCH TO RWY COVERED WITH WATER.UN GO-AROUND DUE TERRAIN.LNDD ON RWY UNDER CONST. 3-1052 6/22/79 BURBANK,CA PIPER PA-32 CR- 0 0 1 COMMERCIAL AIRLINE TRANSPORT, AGE 33, 2100 TOTAL HOURS, 181 TIME - 0850 N4106R PX- 0 0 0 AIR TAXI-PASSG IN TYPE, INSTRUMENT DAMAGE-SUBSTANTIAL RATED. NAME OF AIRPORT - BURBANK INTENDED DESTINATION DEPARTURE POINT HAWTHORNE,CA BURBANK,CA PHASE OF OPERATION TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION LANDING FINAL APPROACH COLLIDED WITH FENCE, FENCEPOSTS LANDING LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) POWERPLANT - IGNITION SYSTEM MAGNETOS MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- BROKEN FLYWEIGHT WENT INTO DRIVING GEAR OF CRANKSHAFT DISABLING THE ENGINE.

FILE	DATE	LOCATION	AIRCRAFT DATA			FLIGHT PURPOSE	PILOT DATA
3-1737	7/26/79 NF TIME - 0700 DEPARTURE F BRIDGEPOR TYPE OF ACO HARD LAND	POINT RT.CA CIDENT	ENSTROM F-28C N593H DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	о с РНД	) 1 		COMMERCIAL, AGE 44, 4445 TOTAL HOURS, 351 IN TYPE, NOT INSTRUMENT RATED.
	PILOT IN FACTOR(S) WEATHER -	COMMAND - MISJUD COMMAND - FAILED HIGH DENSITY AL CIRCUMSTANCES - F	GED SPEED AND ALTITUDE TO INITIATE GO-AROUND TITUDE ORCED LANDING OFF AIRPO USPECTED MECHANICAL DIS	 -	).		
	5 OR OVER OBSTRUCTION NONE WIND VELOCI CALM TYPE OF FLI	AT ACCIDENT SITE R(UNLIMITED) IS TO VISION AT A TY-KNOTS		L PRE N TEM 5 TYP	INL IM CIPI IONE IPERA O	AT ACCIDENT SITE TATION AT ACCIDENT SITE TURE-F WEATHER CONDITIONS	<b>Ξ</b>

	TUNNEL MEADOWS.CA TYPE OF ACCIDENT STALL MUSH PROBABLE CAUSE(S) PILOT IN COMMAND - INITIATER PILOT IN COMMAND - FAILED TO FACTOR(S) WEATHER - SUDDEN WINDSHIFT WEATHER - HIGH DENSITY ALTI	AIRCRAFT DATA CESSNA 185 N88450 DAMAGE-SUBSTANTIAL CAMP NTENDED DESTINATION LONE PINE,CA	INJURIES F S M/N CR- 0 0 1 PX- 0 0 2 PHASE C TAKEO	AIR TAXI-PASSG DF OPERATION UFF INITIAL CLIMB	PILOT DATA COMMERCIAL, FL.INSTR., AGE 36, 1870 TOTAL HOURS 270 IN TYPE, INSTRUMENT RATED.
2920	9/24/79 TUNNEL MEADOWS.CA TIME - 1205 NAME OF AIRPORT - TUNNEL AIR ( DEPARTURE POINT I TUNNEL MEADOWS.CA TYPE OF ACCIDENT STALL MUSH PROBABLE CAUSE(S) PILOT IN COMMAND - INITIATE PILOT IN COMMAND - FAILED TO FACTOR(S) WEATHER - SUDDEN WINDSHIFT WEATHER - HIGH DENSITY ALTI	AIRCRAFT DATA CESSNA 185 N88450 DAMAGE-SUBSTANTIAL CAMP NTENDED DESTINATION LONE PINE,CA	INJURIES F S M/N CR- 0 0 1 PX- 0 0 2 PHASE C TAKEO	FLIGHT PURPOSE COMMERCIAL AIR TAXI-PASSG DF OPERATION IFF INITIAL CLIMB	PILOT DATA COMMERCIAL, FL.INSTR., AGE 36, 1870 TOTAL HOURS 270 IN TYPE, INSTRUMENT
2920	9/24/79 TUNNEL MEADOWS.CA TIME - 1205 NAME OF AIRPORT - TUNNEL AIR ( DEPARTURE POINT I TUNNEL MEADOWS.CA TYPE OF ACCIDENT STALL MUSH PROBABLE CAUSE(S) PILOT IN COMMAND - INITIATE PILOT IN COMMAND - FAILED TO FACTOR(S) WEATHER - SUDDEN WINDSHIFT WEATHER - HIGH DENSITY ALTI	CESSNA 185 N88450 DAMAGE-SUBSTANTIAL CAMP NTENDED DESTINATION LONE PINE,CA	INJURIES F S M/N CR- 0 0 1 PX- 0 0 2 PHASE C TAKEO	FLIGHT PURPOSE COMMERCIAL AIR TAXI-PASSG DF OPERATION IFF INITIAL CLIMB	PILOT DATA COMMERCIAL, FL.INSTR., AGE 36, 1870 TOTAL HOURS 270 IN TYPE, INSTRUMENT
	9/24/79 TUNNEL MEADOWS.CA TIME - 1205 NAME OF AIRPORT - TUNNEL AIR ( DEPARTURE POINT IN TUNNEL MEADOWS.CA TYPE OF ACCIDENT STALL MUSH PROBABLE CAUSE(S) PILOT IN COMMAND - INITIATEI PILOT IN COMMAND - FAILED TO FACTOR(S) WEATHER - SUDDEN WINDSHIFT WEATHER - HIGH DENSITY ALTI	CESSNA 185 N88450 DAMAGE-SUBSTANTIAL CAMP NTENDED DESTINATION LONE PINE,CA	PX- 0 0 2 PHASE C Takeo Weather conditi	AIR TAXI-PASSG DF OPERATION UFF INITIAL CLIMB	AGE 36, 1870 TOTAL HOURS 270 IN TYPE, INSTRUMENT
	DEPARTURE POINT TUNNEL MEADOWS.CA TYPE OF ACCIDENT STALL MUSH PROBABLE CAUSE(S) PILOT IN COMMAND - INITIATE PILOT IN COMMAND - FAILED TO FACTOR(S) WEATHER - SUDDEN WINDSHIFT WEATHER - HIGH DENSITY ALTI	NTENDED DESTINATION LONE PINE,CA D FLIGHT IN ADVERSE N	TAKEO WEATHER CONDITI	FF INITIAL CLIMB	KA I EU.
	PILOT IN COMMAND - INITIATE PILOT IN COMMAND - FAILED TO FACTOR(S) WEATHER - SUDDEN WINDSHIFT WEATHER - HIGH DENSITY ALTI			ONS	
	WEATHER BRIEFING - NO RECORD (				
	SKY CONDITION SCATTERED VISIBILITY AT ACCIDENT SITE 5 OR OVER(UNLIMITED) OBSTRUCTIONS TO VISION AT ACCI NONE	IDENT SITE	UNLIM	TATION AT ACCIDENT SITE	
	WIND DIRECTION-DEGREES 270 TYPE OF WEATHER CONDITIONS		WIND VE 15 TYPE OF	LOCITY-KNOTS Flight plan	
	VFR REMARKS- WIND SHIFTED FROM WES	ST TO EAST DURING TAP	VFR KEOFF ROLL• PEA	K GUSTS TO 25 KTS.D/A A	PRX 11,400FT.
2835	10/17/79 SAN FRANCISCO.CA TIME - 1710	AERO COMDR 500 N4111P DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	AIRLINE TRANSPORT, AGE 36, 2566 TOTAL HOURS, 11 IN TYPE, INSTRUMENT
	NAME OF AIRPORT - SAN FRANCISC DEPARTURE POINT I MONTEREY.CA TYPE OF ACCIDENT AIRFRAME FAILURE ON GROUND COLLIDED WITH BUILDING(S)	CO INT NTENDED DESTINATION SAN FRANCISCO+CA	ΤΑΧΙ	F OPERATION FROM LANDING FROM LANDING	RATED.
	PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERV AIRFRAME - LANDING GEAR BR AIRFRAME - LANDING GEAR NOS SYSTEMS - HYDRAULIC SYSTEM MISCELLANEOUS ACTS, CONDITION MISCELLANEOUS ACTS, CONDITION REMARKS- BOTH HYDR PUMP SEAL D	AKING SYSTEM (NORMAL SEWHEEL STEERING SEALS NS - LEAK/LEAKAGE NS - HYDRAULIC FAILUI	SYSTEM) RE		EERING HIT HANGAR.
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			PAGE 100		

FILE		LOCATION	AIRCRAFT DATA	INJU F	S M/N	PURPOSE	PILOT DATA
		AIG.CO	CESSNA 421A N200CH DAMAGE-SUBSTANTIAL	CR- 0	0 1	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE
	NAME OF AIRPOR DEPARTURE POIN GRAND JUNCTI TYPE OF ACCIDE COLLIDED WIT	NT ON,CO	FAT MUNI INTENDED DESTINATION CRAIG,CO		-	OF OPERATION ING ROLL	
	PILOT IN COM FACTOR(S) AIRPORTS/AIR PERSONNEL -	MMAND - IMPROP MMAND - SELECT RWAYS/FACILITI AIRPORT SUPER	ER IN-FLIGHT DECISIONS ED UNSUITABLE TERRAIN ES - AIRPORT CONDITIONS VISORY PERSONNEL IMPRO IONS - OVERLOAD FAILURE	SNOW PER/INA	ON RUN		
3-1003	2/1/79 CR4 TIME - 1020	AIG₊CO	<sup>-</sup> Swearingen Sa26t N1198S Damage-Substantial			COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 32, 4070 TOTAL HOURS, 45 IN TYPE, INSTRUMENT
	NAME OF AIRPOR DEPARTURE POIN DENVER,CO TYPE OF ACCIDE COLLIDED WIT	NT ENT	ATT INTENDED DESTINATION HAYDEN,CO			DF OPERATION Ing Roll	RATED.
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FILE	DATE		AIRCRAFT DATA	INJUR I			PTLOT DATA
				FS	M/N	PURPOSE	
		CASTLE ROCK,CO	CESSNA TU206 N7249N DAMAGE-SUBSTANTIAL	CR- 0 0 PX- 0 0	) 1	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL.INSTR., AGE 25, 610 TOTAL HOURS 20 IN TYPE, NOT INSTRU- MENT RATED.
	TYPE OF A ENGINE	OO SPRINGS,CO			(N FĻ	F OPERATION IGHT NORMAL CRUISE NG LEVEL OFF/TOUCHDO	WN
			S POWERPLANT FAILURE	FOR UNDETER	RMINE	D REASONS	
	PERSON POWERPL POWERPL POWERPL MISCEL	NEL - MAINTENANCE,S ANT - FUEL SYSTEM ANT - IGNITION SYS ANT - COOLING SYST	TEM MAGNETOS		1A I N T	ENANCE AND INSPECTION	
	EMERGENCY	CIRCUMSTANCES - F	L LOSS OF POWER - 1 EN ORCED LANDING OFF AIRP FUEL LINE BURNED.MAGS	ORT ON LANE		MED.WING HIT CAR LDG	ON MEDIAN STRIP OF HWY
-2616	EMERGENCY REMARKS-	<pre>/ CIRCUMSTANCES - F ASBESTOS SHIELD ON NR.RICO.CO</pre>	ORCED LANDING OFF AIRP FUEL LINE BURNED.MAGS BELL 47G3B1	ORT ON LANE INCORRECTI CR- 1 (	Y TI		ON MEDIAN STRIP OF HWY COMMERCIAL, AGE 33, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
8-2616	EMERGENCY REMARKS- 8/17/79 TIME - 11 DEPARTURE	<pre>CIRCUMSTANCES - F ASBESTOS SHIELD ON NR.RICO.CO LO5</pre>	ORCED LANDING OFF AIRP FUEL LINE BURNED.MAGS BELL 47G3B1 N73963 DAMAGE-DESTROYED INTENDED DESTINATION	ORT ON LANE INCORRECTI CR- 1 (	Y TI	COMMERCIAL	COMMERCIAL, AGE 33, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, NOT
-2616	EMERGENCY REMARKS- 8/17/79 TIME - 11 DEPARTURE RICO,CO TYPE OF / PROPELL	CIRCUMSTANCES - F ASBESTOS SHIELD ON NR.RICO.CO LO5 POINT ACCIDENT ER/ROTOR FAILURE	ORCED LANDING OFF AIRP FUEL LINE BURNED.MAGS BELL 47G3B1 N73963 DAMAGE-DESTROYED INTENDED DESTINATION LOCAL	ORT ON LANE INCORRECTE CR- 1 ( PX- 1 ( PH)	Y TI 0 0 0 0 0 0 N FL	COMMERCIAL	COMMERCIAL, AGE 33, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
-2616	EMERGENCY REMARKS- 8/17/79 TIME - 11 DEPARTURE RICO,CO TYPE OF A PROPELL COLLIDE PROBABLE ROTORCE ROTORCE MISCELL	CIRCUMSTANCES - F ASBESTOS SHIELD ON NR.RICO.CO LO5 POINT ACCIDENT ER/ROTOR FAILURE ED WITH TREES CAUSE(S) RAFT - TRANSMISSION RAFT - ROTOR ASSEMB ANEOUS ACTS.CONDIT	ORCED LANDING OFF AIRP FUEL LINE BURNED.MAGS BELL 47G3B1 N73963 DAMAGE-DESTROYED INTENDED DESTINATION LOCAL TAIL ROTOR ROTOR DRIVE SYSTEM T	ORT ON LANE INCORRECTI CR- 1 ( PX- 1 ( PH) 1 AIL ROTOR (	Y TI 0 0 0 0 N FL IN FL	COMMERCIAL AIR TAXI-PASSG F OPERATION IGHT CLIMB TO CRUISE IGHT UNCONTROLLED DE	COMMERCIAL, AGE 33, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
-2616	EMERGENCY REMARKS- 8/17/79 TIME - 11 DEPARTURE RICO,CO TYPE OF / PROPELL COLLIDE PROBABLE ROTORCE ROTORCE MISCELL FACTOR(S TERRAIN	CIRCUMSTANCES - F ASBESTOS SHIELD ON NR.RICO.CO LO5 POINT ACCIDENT ER/ROTOR FAILURE ED WITH TREES CAUSE(S) RAFT - TRANSMISSION RAFT - ROTOR ASSEMB ANEOUS ACTS.CONDIT	ORCED LANDING OFF AIRP FUEL LINE BURNED.MAGS BELL 47G3B1 N73963 DAMAGE-DESTROYED INTENDED DESTINATION LOCAL TAIL ROTOR ROTOR DRIVE SYSTEM T LIES BEARINGS IONS - MATERIAL FAILUR NS	ORT ON LANE INCORRECTI CR- 1 ( PX- 1 ( PH) 1 AIL ROTOR (	Y TI 0 0 0 0 N FL IN FL	COMMERCIAL AIR TAXI-PASSG F OPERATION IGHT CLIMB TO CRUISE IGHT UNCONTROLLED DE	COMMERCIAL, AGE 33, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
-2616	EMERGENCY REMARKS- 8/17/79 TIME - 11 DEPARTURE RICO,CO TYPE OF / PROPELL COLLIDE PROBABLE ROTORCE ROTORCE MISCELL FACTOR(S TERRAIN	CIRCUMSTANCES - F ASBESTOS SHIELD ON NR.RICO.CO LO5 POINT ACCIDENT ER/ROTOR FAILURE ED WITH TREES CAUSE(S) RAFT - ROTOR ASSEMB ANEOUS ACTS,CONDIT ) - HIGH OBSTRUCTIO	ORCED LANDING OFF AIRP FUEL LINE BURNED.MAGS BELL 47G3B1 N73963 DAMAGE-DESTROYED INTENDED DESTINATION LOCAL TAIL ROTOR ROTOR DRIVE SYSTEM T LIES BEARINGS IONS - MATERIAL FAILUR NS	ORT ON LANE INCORRECT CR- 1 ( PX- 1 ( PH) 1 AIL ROTOR (	Y TI 0 0 0 0 N FL IN FL	COMMERCIAL AIR TAXI-PASSG F OPERATION IGHT CLIMB TO CRUISE IGHT UNCONTROLLED DE	COMMERCIAL, AGE 33, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

BRIEFS OF ACCIDENTS

FILE	DATE LOCA		AIRCRAFT (						E		PILOT DATA
3-3995	9/11/79 NR.GRAND . TIME - 1900	JUNCTION,CO	CESSNA 206 N83010 DAMAGE-SUBSI	ANTIAL	CR- ( PX- (	0 0	1 5	COMMERCIA AIR TAXI-	L PASSG		RCIAL, AGE 31, 650 HOURS, 182 IN TYPE NSTRUMENT RATED.
	DEPARTURE POINT			ATION							
	GRAND JUNCTION,CC TYPE OF ACCIDENT					DUAC		OPERATIO	N		
	COLLIDED WITH TR	REES				LA	NDIN	IG GO-ARO	UND		
	PROBABLE CAUSE(S) PERSONNEL - MISCE FACTOR(S) AIRFRAME - FUSELA EMERGENCY CIRCUMSTA	GE DOORS.DO	OOR FRAMES	F AIRPO							
	REMARKS- UN RETRACT	FLAPS.DOORS	S COULD BE SP	RUNG JUS	ST ENOU	GH T	O AC	TIVATE DO	DR MICROSWI	тсн.	
8-4010	11/19/79 CASTLE R TIME - 2015	OCK,CO	CESSNA 500 N555AJ DAMAGE-DESTR		CR- 1 PX- 1	1 . 0	0 0	COMMERCIA AIR TAXI-	L Cargo	29, 1	NE TRANSPORT, AGE 751 TOTAL HOURS, 61 PE, INSTRUMENT
	DEPARTURE POINT									KATCD.	•
	ALBUQUERQUE.NM TYPE OF ACCIDENT	(	CASTLE ROCK+C	.0			5 05	OPERATIO	N		
	COLLISION WITH GR	OUND/WATER	CONTROLLED						L APPROACH		
	PROBABLE CAUSE(S)										
	PILOT IN COMMAND FACTOR(S)	- IMPROPER 1	FR OPERATION								
	WEATHER - LOW CEI WEATHER - SNOW	LING	*								
	WEATHER - ICING C	ONDITIONS-IN	CLUDES SLEET	,FREEZIM	NG RAIN	, E TC	•				
	WEATHER BRIEFING - WEATHER FORECAST -				NNEL, B	Y PH	ONE				
	SKY CONDITION					CEIL	ING	AT ACCIDE	NT SITE		
			· · ·			50					
	VISIBILITY AT ACCID	ENT SITE						ATION AT	ACCIDENT SI	TE	
	1 MILE OR LESS	TON AT ACCT	ENT CITE			SN					
	OBSTRUCTIONS TO VIS BLOWING SNOW	IUN AL ACCIL	JENI SILE			1EMP 34		URE-F			
	WIND DIRECTION-DEGR	FFS						OCITY-KNO	rs		
	30					6	•		15		
	TYPE OF WEATHER CON	DITIONS					OF	FLIGHT PL.	۵N		
	IFR					IF	R				
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BRIEFS OF ACCIDENTS FILE DATE LOCATION AIRCRAFT DATA INJURIES FLIGHT PILOT DATA F S M/N PURPOSE 3-0414 3/9/79 DANIELSON,CT PIPER PA-32 CR- 0 0 1 COMMERCIAL COMMERCIAL • AGE 26 • 638 TIME - 2000 N3096T PX- 0 0 0 AIR TAXI-CARGO TOTAL HOURS, 13 IN TYPE, DAMAGE-SUBSTANTIAL INSTRUMENT RATED. NAME OF AIRPORT - DANIELSON DEPARTURE POINT INTENDED DESTINATION LAST ENROUTE STOP DANTELSON.CT RETURN FARMINGDALE, NY TYPE OF ACCIDENT PHASE OF OPERATION OVERSHOOT LANDING LEVEL OFF/TOUCHDOWN COLLIDED WITH OBJECT LANDING ROLL PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND FACTOR(S) MISCELLANEOUS ACTS+CONDITIONS - RAN OFF END OF RUNWAY AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS OTHER REMARKS- ROLLED DWN EMBANKMENT.ELT REMOVED FOR REPAIR PER FAR 91.52, E, 10. 3-3621 11/7/79 NR.STAMFORD.CT PIPER PA-23 CR- 0 0 1 COMMERCIAL AIRLINE TRANSPORT, AGE TIME - 2245 N54857 PX- 0 0 0 AIR TAXI-CARGO 28, 5000 TOTAL HOURS, 250 OT- 0 0 1 DAMAGE-MINOR IN TYPE, INSTRUMENT RATED. DEPARTURE POINT INTENDED DESTINATION HARTFORD,CT QUEENS, NY TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH AIRCRAFT BOTH IN FLIGHT IN FLIGHT NORMAL CRUISE PROBABLE CAUSE(S) PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV. CONTROLLING AGENCY - NO CONTROL RADAR CTL/SURVEILLANCE - NOT UNDER RADAR CONTACT TRAFFIC ADVISORY ISSUED - NONE CONTROL ZONE/AREA - YES CONVERGENCE ANGLE-DEGREES - 0 HORIZONTAL COLLISION ANGLE-DEGREES - 180 VERTICAL COLLISION ANGLE-DEGREES - 0 EVASIVE ACTION TAKEN - NO ANTI-COLLISION LIGHTS - OPERATING REMARKS- PLT WAS UNAWARE THAT PLT OF OTHER ACFT, PA-31, WAS CLOSING IN FORMATION FM REAR. PAGE 104

		BRIEF	S OF ACCI			
FILE	DATE LOCATION	AIRCRAFT DATA	INJUR F	IES S M/N	FLIGHT PURPOSE	PILOT DATA
	11/7/79 NR.STAMFORD.CT TIME - 2245 DEPARTURE POINT	PIPER PA-31	CR- 0 PX- 0	$\begin{array}{cc} 0 & 1 \\ 0 & 0 \end{array}$	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 27, 2606 TOTAL HOURS, 923 IN TYPE, INSTRUMENT RATED.
	HARTFORD.CT TYPE OF ACCIDENT COLLISION WITH AIRCRAFT	NEWARK,NJ BOTH IN FLIGHT	P		F OPERATION IGHT NORMAL CRUISE	
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED PILOT IN COMMAND - MISJUD		CEDURES,	DIRECT	IVES,ETC.	
	SPECIAL DATA SEGMENTS OF AVIATION INVO CONTROLLING AGENCY - NO C TRAFFIC ADVISORY ISSUED - CONVERGENCE ANGLE-DEGREES VERTICAL COLLISION ANGLE- ANTI-COLLISION LIGHTS - O REMARKS- PLT BLINDED BY STF	ONTROL - NONE - O DEGREES - O PERATING		RADAR CONTR HORIZO EVASI	CTL/SURVEILLANCE - N DL ZONE/AREA - YES DNTAL COLLISION ANGLE VE ACTION TAKEN - NO	
	KENAKKS FET DEINDED DI ST		CEUSORE			
3-1779	6/18/79 TALLAHASSEE,FL TIME - 2003 NAME OF AIRPORT - TALLAHASS DEPARTURE POINT	CESSNA 210M N7345M DAMAGE-SUBSTANTIAL EE MUNI INTENDED DESTINATION	PX- 0	0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 35, 2479 TOTAL HOURS, 205 IN TYPE, INSTRUMENT RATED.
	TALLAHASSEE↓FL TYPE OF ACCIDENT COLLISION WITH AIRCRAFT	ATLANTA, GA	Ρ		- OPERATION To Takeoff	
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED	TO SEE AND AVOID OTHER	AIRCRAF	т		
3-3158	7/22/79 TAMPA,FL TIME - 0242	DOUGLAS DC3-C N77B DAMAGE-SUBSTANTIAL			COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 48, 8140 TOTAL HOURS, 2503 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - TAMPA INT DEPARTURE POINT ST.PETERSBURG.FL TYPE OF ACCIDENT GEAR COLLAPSED	L INTENDED DESTINATION TAMPA,FL	PI	LANDI	OPERATION NG ROLL	
	GROUND-WATER LOOP-SWERVE PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE,S AIRFRAME - LANDING GEAR MISCELLANEOUS ACTS,CONDIT REMARKS- BOTH ARMS OF R MLG	MAIN GEAR-SHOCK ABSORBI IONS - FATIGUE FRACTURE	NG ASSY,	MAINTE		

BRIEFS OF ACCIDENTS

BRIEFS OF ACCIDENTS \_\_\_\_\_ FILE DATE LOCATION AIRCRAFT DATA INJURIES FLIGHT PILOT DATA F S M/N PURPOSE 3-3132 9/19/79 JACKSONVILLE.FL HUGHES 369HS CR- 1 0 0 COMMERCIAL COMMERCIAL, AGE 50, 8043 TOTAL HOURS, 215 IN TYPE, TIME - 0910 N8623F PX- 0 0 0 AIR TAXI-PASSG NOT INSTRUMENT RATED. DAMAGE-DESTROYED NAME OF AIRPORT - BERLIN HELIPORT DEPARTURE POINT INTENDED DESTINATION ST AUGUSTINE, FL JACKSONVILLE, FL TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER UNCONTROLLED IN FLIGHT UNCONTROLLED DESCENT PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED 3-2798 7/18/79 CHAMBLEE, GA CESSNA 310C CR- 0 0 1 COMMERCIAL COMMERCIAL, AGE 23, 2510 TIME - 2050 PX- 0 0 0 AIR TAXI-CARGO TOTAL HOURS, 27 IN TYPE, NIDY DAMAGE-SUBSTANTIAL INSTRUMENT RATED. NAME OF AIRPORT - PEACHTREE DEKALB DEPARTURE POINT INTENDED DESTINATION BRISTOL, TN CHAMBLEE,GA TYPE OF ACCIDENT PHASE OF OPERATION WHEELS-UP LANDING LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) AIRFRAME - LANDING GEAR NORMAL RETRACTION/EXTENSION ASSEMBLY MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE REMARKS- LANDING GEAR ACTUATOR BOX FAILED INTERNALLY. 3-0658 3/28/79 NR.HONOLULU.HI COMMERCIAL, AGE 34, 554 ENSTROM F-28C CR- 0 0 1 COMMERCIAL TIME - 1315 N623H PX- 0 0 2 AIR TAXI-PASSG TOTAL HOURS, 28 IN TYPE, DAMAGE-DESTROYED INSTRUMENT RATED. NAME OF AIRPORT - ILIKAI HELI PAD DEPARTURE POINT INTENDED DESTINATION HONOLULU.HI LOCAL PHASE OF OPERATION TYPE OF ACCIDENT COLLISION WITH GROUND/WATER CONTROLLED IN FLIGHT NORMAL CRUISE PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS REMARKS- LOW SLOW FLT FOR PHOTO MISSION.ACFT SETTLED WITH POWER INTO OCEAN. PAGE 106

		BRIEFS	OF AC					
DATE		AIRCRAFT DATA	INJ F	URI	IES SM,	/ N	FLIGHT PURPOSE	PILOT DATA
		BEECH C-45H N8067H	CR- PX-					AIRLINE TRANSPORT, AGE 46, 3494 TOTAL HOURS, 69 IN TYPE, INSTRUMENT RATED.
DEPARTURE PO HONOLULU+H TYPE OF ACCI GROUND-WAT	INT I DENT ER LOOP-SWERVE	INTENDED DESTINATION KAILUA-KONA+HI	·		LAM	1DI	IG ROLL	
PILOT IN C FACTOR(S)	OMMAND - FAILED			ROL	-			
10/5/79 P TIME - 1815	RINCEVILLE,HI	N1590S			-		_	COMMERCIAL, AGE 31, 1225 Total Hours, 254 in Type Instrument Rated.
DEPARTURE PO HONOLULU,H TYPE OF ACCI	INT I DENT	LE INTENDED DESTINATION PRINCEVILLE,HI						INSTRUCTIVE RATED.
PERSONNEL AIRFRAME - MISCELLANE	- MAINTENANCE,SE LANDING GEAR DUS ACTS,CONDIT	BRAKING SYSTEM (NORMAL IONS - EXCESSIVE-WEAR/P	SYSTEM LAY	)				(NTENANCE PERSONNEL)
3/26/79 M. TIME - 1415	ALTA,ID	N30914	CR- PX-	0 0 .	0 0	1 5	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 31, 886 Total Hours, 59 IN Type, Instrument rated.
DEPARTURE POI MALTA ID	INT	INTENDED DESTINATION TWIN FALLS ID		рн		: NF		
TIME - 1415 NAME OF AIRPO DEPARTURE PO MALTA ID TYPE OF ACCIU COLLIDED W PROBABLE CAU	ORT - MALTA INT DENT ITH FENCE,FENCE SE(S)	N30914 DAMAGE-SUBSTANTIAL INTENDED DESTINATION TWIN FALLS ID EPOSTS	PX-	о <sub>.</sub> РН	0 IASE TAK	5 0F E0F	AIR TAXI-PASSG OPERATION F INITIAL CLIMB	
	9/20/79 NR. TIME - 1222 NAME OF AIRP DEPARTURE PO HONOLULU,H TYPE OF ACCI GROUND-WAT GEAR COLLA PROBABLE CAU PILOT IN C FACTOR(S) MISCELLANE 10/5/79 P TIME - 1815 NAME OF AIRP DEPARTURE PO HONOLULU,H TYPE OF ACCI COLLIDED W PROBABLE CAU PROBABLE CAU 3/26/79 M TIME - 1415 NAME OF AIRP DEPARTURE PO MALTA ID TYPE OF ACCII COLLIDED W PROBABLE CAU	9/20/79 NR.KAILUA-KONA.HI TIME - 1222 NAME OF AIRPORT - KE-AHOLE DEPARTURE POINT HONOLULU.HI TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE GEAR COLLAPSED PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED FACTOR(S) MISCELLANEOUS ACTS.CONDIT 10/5/79 PRINCEVILLE.HI TIME - 1815 NAME OF AIRPORT - PRINCEVILL DEPARTURE POINT HONOLULU.HI TYPE OF ACCIDENT COLLIDED WITH FENCE.FENCE PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE.SI AIRFRAME - LANDING GEAR MISCELLANEOUS ACTS.CONDIT REMARKS- L BRAKE FAILED DRG 3/26/79 MALTA.ID TIME - 1415 NAME OF AIRPORT - MALTA DEPARTURE POINT MALTA ID TYPE OF ACCIDENT COLLIDED WITH FENCE.FENCE PROBABLE CAUSE(S)	9/20/79 NR.KAILUA-KONA,HI BEECH C-45H TIME - 1222 N8067H DAMAGE-SUBSTANTIAL NAME OF AIRPORT - KE-AHOLE DEPARTURE POINT INTENDED DESTINATION HONOLULUHI KAILUA-KONA,HI TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE GEAR COLLAPSED PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONA FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE 10/5/79 PRINCEVILLE,HI BEECH 65-80 TIME - 1815 DAMAGE-SUBSTANTIAL NAME OF AIRPORT - PRINCEVILLE DEPARTURE POINT INTENDED DESTINATION HONOLULU,HI PRINCEVILLE, TYPE OF ACCIDENT COLLIDED WITH FENCE,FENCEPOSTS PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE,SERVICING,INSPECTION IN AIRFRAME - LANDING GEAR BRAKING SYSTEM (NORMAL MISCELLANEOUS ACTS,CONDITIONS - EXCESSIVE-WEAR/P REMARKS- L BRAKE FAILED DRG LNDG ROLL.L OUTBD BRAK 3/26/79 MALTA,ID CESSNA T210C TIME - 1415 N30914 DAMAGE-SUBSTANTIAL NAME OF AIRPORT - MALTA DEPARTURE POINT INTENDED DESTINATION MALTA ID TWIN FALLS ID TYPE OF ACCIDENT COLLIDED WITH FENCE,FENCEPOSTS PROBABLE CAUSE(S)	9/20/79       NR.KAILUA-KONA.HI       BEECH C-45H       CR-         TIME - 1222       N8067H       PX-         DAMAGE-SUBSTANTIAL         NAME OF AIRPORT - KE-AHOLE       DEPARTURE POINT       INTENDED DESTINATION         HONDLULU,HI       INTENDED DESTINATION         HONDLULU,HI       KAILUA-KONA.HI         TYPE OF ACCIDENT       GROUND-WATER LOOP-SWERVE         GEAR COLLAPSED       PROBABLE CAUSE(S)         PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONT         FACTOR(S)       MISCELLANEOUS ACTS.CONDITIONS - OVERLOAD FAILURE         10/5/79       PRINCEVILLE.HI       BEECH 65-80       CR-         TIME - 1815       N1590S       PX-         DAMAGE-SUBSTANTIAL       NAME OF AIRPORT - PRINCEVILLE       DAMAGE-SUBSTANTIAL         NAME OF AIRPORT - PRINCEVILLE       DAMAGE-SUBSTANTIAL       NAME OF ACCIDENT         COLLIDED WITH FENCE,FENCEPOSTS       PROBABLE CAUSE(S)       PRESONNEL - MAINTENANCE,SERVICING,INSPECTION INADEOUA         AIRFRAME - LANDING GEAR BRAKING SYSTEM (NORMAL SYSTEM       MORMAL SYSTEM       MORMALSYSTEM         MISCELLANEOUS ACTS,CONDITIONS - EXCESSIVE-WEAR/PLAY       REMARKS- L BRAKE FAILED DRG LNDG ROLL.L OUTBD BRAKE LINIT         3/26/79       MALTA.ID       CESSNA T210C       CR-         TIME - 1415       N30914 <t< td=""><td>9/20/79 NR.KAILUA-KONA.HI       BEECH C-45H       CR- 0         TIME - 1222       N8067H       PX- 0         DAMAGE-SUBSTANTIAL       DAMAGE-SUBSTANTIAL         NAME OF AIRPORT - KE-AHOLE       DEPAATURE POINT       INTENDED DESTINATION         HONOLULU.HI       KAILUA-KONA.HI       PH         GROUND-WATER LOOP-SWERVE       GEAR       COLLAPSED         PROBABLE CAUSE(S)       PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL         FACTOR(S)       MISCELLANEOUS ACTS.CONDITIONS - OVERLOAD FAILURE         10/5/79       PRINCEVILLE.HI       BEECH 65-80       CR- 0         TIME - 1815       N1590S       PX- 0         DAMAGE-SUBSTANTIAL       NAME OF AIRPORT - PRINCEVILLE       DESTINATION         HONOLULU.HI       PRINCEVILLE       PRINCEVILLE,HI         DEPARTURE POINT       INTENDED DESTINATION       HONOLULU.HI         HONOLULU.HI       PRINCEVILLE       PH         COLIDED WITH       FENCE,FENCEPOSTS       PH         PROBABLE CAUSE(S)       PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEOUATE         AIFFRAME - LANDING GEAR       BRAKING SYSTEM (NORMAL SYSTEM)         MISCELLANEOUS ACTS.CONDITIONS - EXCESSIVE-WEAR/PLAY         REMARKS- L BRAKE FAILED DRG LNDG ROLL.L OUTBD BRAKE LINING         3/26/79       MALTA</td><td>9/20/79 NR.KAILUA-KONA.HI       BEECH C-45H       CR- C       0         TIME - 1222       N8067H       PX- 0       0         DAMAGE-SUBSTANTIAL       DAMAGE-SUBSTANTIAL       PX- 0       0         NAME OF AIRPORT - KE-AHOLE       DEPARTURE POINT       INTENDED DESTINATION       HONOLUL,HI         HONOLUL,HI       KAILUA-KONA,HI       PHASE       GROWNO-WATER LOOP-SWERVE       LAN         GROWNO-WATER LOOP-SWERVE       LAN       GEAR COLLAPSED       PHASE         PROBABLE CAUSE(S)       PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL       FACTOR(S)         MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE       10/5/79       PRINCEVILLE,HI       BEECH 65-80       CR- 0       0         10/5/79       PRINCEVILLE,HI       BEECH 65-80       CR- 0       0       DAMAGE-SUBSTANTIAL         NAME OF AIRPORT - RRINCEVILLE       DEPARTURE POINT       INTENDED DESTINATION       HONOLUUL,HI       PRINCEVILLE,HI         DEPARTURE POINT       INTENDED DESTINATION       HONOLUUL,HI       PRINCEVILLE,HI       PHASE         COLLIDED WITH       FENCE,FENCEPOSTS       LAN         PROBABLE CAUSE(S)       PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE INS       AIRFRAME - LANDING GEAR BRAKING SYSTEW (NORMAL SYSTEM)         MISCELLANEOUS ACTS,CONDITIONS - EXCESSIVE-WEAR/PLA</td><td>9/20/79 NR.KAILUA-KONA.HI       BEECH C-45H       CR- C 0 1         TIME - 1222       N8067H       PX- 0 0 9         DAMAGE-SUBSTANTIAL       N8067H       PX- 0 0 9         NAME OF AIRPORT - KE-AHOLE       DEPARTURE POINT       INTENDED DESTINATION         HONDULU.HI       KAILUA-KONA.HI       PHASE OF         GROUND-WATER LOOP-SWERVE       LANDIN         GROUND-WATER LOOP-SWERVE       LANDIN         PROBABLE CAUSE(S)       PHASE OF         PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL       FACTOR(S)         MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE       NAME OF AIRPORT - PRINCEVILLE         10/5/79       PRINCEVILLE.HI       BEECH 65-80       CR- 0 0 1         TIME - 1815       N1590S       PX- 0 0 8         DAMAGE-SUBSTANTIAL       DAMAGE-SUBSTANTIAL         NAME OF AIRPORT - PRINCEVILLE       DAMAGE-SUBSTANTIAL         HONOLUULU.HI       PRINCEVILLE,HI       PRINCEVILLE,HI         TYPE OF ACCIDENT       NAMECE,FENCEPOSTS       LANDIN         PROBABLE CAUSE(S)       PRASE OF       COLLIDED WITH FENCE,FENCEPOSTS       LANDIN         MISCELLANEOUS ACTS,CONDITIONS - EXCESSIVE-WEAR/PLAY       REMARKS- L BRAKE FAILED DRG LNDG ROLL.L OUTBD BRAKE LINING PUCKS       3/26/79       MALTA,ID       CESSNA T210C       CR- 0 0 1</td><td>9/20/79 NR.KAILUA-KONA.HI       BEECH C-45H       CR- 0 0 1 COMMERCIAL         TIME - 1222       NB067H       PX- 0 0 9 AIR TAXI-PASSG         NAME OF AIRPORT - KE-AHOLE       DAMAGE-SUBSTANTIAL         NAME OF AIRPORT - KE-AHOLE       INTENDED DESTINATION         HONDUUU.HI       KAILUA-KONA.HI         TYPE OF ACCIDENT       INTENDED DESTINATION         GROUND-WATER LOOP-SWERVE       LANDING ROLL         GARDAD-WATER LOOP-SWERVE       LANDING ROLL         PROBABLE CAUSE(S)       PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL         PACTOR(S)       MISCELLANEOUS ACTS.CONDITIONS - OVERLOAD FAILURE         10/5/79       PRINCEVILLE.HI       BEECH 65-80       CR- 0 0 1 COMMERCIAL         MAGE-SUBSTANTIAL       NAME OF AIRPORT - RRINCEVILE       DAMAGE-SUBSTANTIAL         NAME OF AIRPORT - RRINCEVILE       DAMAGE-SUBSTANTIAL       PX- 0 0 8 AIR TAXI-PASSG         NAME OF AIRPORT - RRINCEVILE       DAMAGE-SUBSTANTIAL       PASE OF OPERATION         HONDUUU.HI       INTENDED DESTINATION       PASE OF OPERATION         LANDING GEAR       REXECTOR       PASE OF OPERATION         LOULIDED WITH FENCE,FENCEPOSTS       LANDING ROLL         PROBABLE CAUSE(S)       PHASE OF OPERATION         PROBABLE CAUSE(S)       PROSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEOUATE INSPEC</td></t<>	9/20/79 NR.KAILUA-KONA.HI       BEECH C-45H       CR- 0         TIME - 1222       N8067H       PX- 0         DAMAGE-SUBSTANTIAL       DAMAGE-SUBSTANTIAL         NAME OF AIRPORT - KE-AHOLE       DEPAATURE POINT       INTENDED DESTINATION         HONOLULU.HI       KAILUA-KONA.HI       PH         GROUND-WATER LOOP-SWERVE       GEAR       COLLAPSED         PROBABLE CAUSE(S)       PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL         FACTOR(S)       MISCELLANEOUS ACTS.CONDITIONS - OVERLOAD FAILURE         10/5/79       PRINCEVILLE.HI       BEECH 65-80       CR- 0         TIME - 1815       N1590S       PX- 0         DAMAGE-SUBSTANTIAL       NAME OF AIRPORT - PRINCEVILLE       DESTINATION         HONOLULU.HI       PRINCEVILLE       PRINCEVILLE,HI         DEPARTURE POINT       INTENDED DESTINATION       HONOLULU.HI         HONOLULU.HI       PRINCEVILLE       PH         COLIDED WITH       FENCE,FENCEPOSTS       PH         PROBABLE CAUSE(S)       PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEOUATE         AIFFRAME - LANDING GEAR       BRAKING SYSTEM (NORMAL SYSTEM)         MISCELLANEOUS ACTS.CONDITIONS - EXCESSIVE-WEAR/PLAY         REMARKS- L BRAKE FAILED DRG LNDG ROLL.L OUTBD BRAKE LINING         3/26/79       MALTA	9/20/79 NR.KAILUA-KONA.HI       BEECH C-45H       CR- C       0         TIME - 1222       N8067H       PX- 0       0         DAMAGE-SUBSTANTIAL       DAMAGE-SUBSTANTIAL       PX- 0       0         NAME OF AIRPORT - KE-AHOLE       DEPARTURE POINT       INTENDED DESTINATION       HONOLUL,HI         HONOLUL,HI       KAILUA-KONA,HI       PHASE       GROWNO-WATER LOOP-SWERVE       LAN         GROWNO-WATER LOOP-SWERVE       LAN       GEAR COLLAPSED       PHASE         PROBABLE CAUSE(S)       PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL       FACTOR(S)         MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE       10/5/79       PRINCEVILLE,HI       BEECH 65-80       CR- 0       0         10/5/79       PRINCEVILLE,HI       BEECH 65-80       CR- 0       0       DAMAGE-SUBSTANTIAL         NAME OF AIRPORT - RRINCEVILLE       DEPARTURE POINT       INTENDED DESTINATION       HONOLUUL,HI       PRINCEVILLE,HI         DEPARTURE POINT       INTENDED DESTINATION       HONOLUUL,HI       PRINCEVILLE,HI       PHASE         COLLIDED WITH       FENCE,FENCEPOSTS       LAN         PROBABLE CAUSE(S)       PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE INS       AIRFRAME - LANDING GEAR BRAKING SYSTEW (NORMAL SYSTEM)         MISCELLANEOUS ACTS,CONDITIONS - EXCESSIVE-WEAR/PLA	9/20/79 NR.KAILUA-KONA.HI       BEECH C-45H       CR- C 0 1         TIME - 1222       N8067H       PX- 0 0 9         DAMAGE-SUBSTANTIAL       N8067H       PX- 0 0 9         NAME OF AIRPORT - KE-AHOLE       DEPARTURE POINT       INTENDED DESTINATION         HONDULU.HI       KAILUA-KONA.HI       PHASE OF         GROUND-WATER LOOP-SWERVE       LANDIN         GROUND-WATER LOOP-SWERVE       LANDIN         PROBABLE CAUSE(S)       PHASE OF         PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL       FACTOR(S)         MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE       NAME OF AIRPORT - PRINCEVILLE         10/5/79       PRINCEVILLE.HI       BEECH 65-80       CR- 0 0 1         TIME - 1815       N1590S       PX- 0 0 8         DAMAGE-SUBSTANTIAL       DAMAGE-SUBSTANTIAL         NAME OF AIRPORT - PRINCEVILLE       DAMAGE-SUBSTANTIAL         HONOLUULU.HI       PRINCEVILLE,HI       PRINCEVILLE,HI         TYPE OF ACCIDENT       NAMECE,FENCEPOSTS       LANDIN         PROBABLE CAUSE(S)       PRASE OF       COLLIDED WITH FENCE,FENCEPOSTS       LANDIN         MISCELLANEOUS ACTS,CONDITIONS - EXCESSIVE-WEAR/PLAY       REMARKS- L BRAKE FAILED DRG LNDG ROLL.L OUTBD BRAKE LINING PUCKS       3/26/79       MALTA,ID       CESSNA T210C       CR- 0 0 1	9/20/79 NR.KAILUA-KONA.HI       BEECH C-45H       CR- 0 0 1 COMMERCIAL         TIME - 1222       NB067H       PX- 0 0 9 AIR TAXI-PASSG         NAME OF AIRPORT - KE-AHOLE       DAMAGE-SUBSTANTIAL         NAME OF AIRPORT - KE-AHOLE       INTENDED DESTINATION         HONDUUU.HI       KAILUA-KONA.HI         TYPE OF ACCIDENT       INTENDED DESTINATION         GROUND-WATER LOOP-SWERVE       LANDING ROLL         GARDAD-WATER LOOP-SWERVE       LANDING ROLL         PROBABLE CAUSE(S)       PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL         PACTOR(S)       MISCELLANEOUS ACTS.CONDITIONS - OVERLOAD FAILURE         10/5/79       PRINCEVILLE.HI       BEECH 65-80       CR- 0 0 1 COMMERCIAL         MAGE-SUBSTANTIAL       NAME OF AIRPORT - RRINCEVILE       DAMAGE-SUBSTANTIAL         NAME OF AIRPORT - RRINCEVILE       DAMAGE-SUBSTANTIAL       PX- 0 0 8 AIR TAXI-PASSG         NAME OF AIRPORT - RRINCEVILE       DAMAGE-SUBSTANTIAL       PASE OF OPERATION         HONDUUU.HI       INTENDED DESTINATION       PASE OF OPERATION         LANDING GEAR       REXECTOR       PASE OF OPERATION         LOULIDED WITH FENCE,FENCEPOSTS       LANDING ROLL         PROBABLE CAUSE(S)       PHASE OF OPERATION         PROBABLE CAUSE(S)       PROSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEOUATE INSPEC

				S OF ACCID	ENTS		
FILE	DATE	LOCATION	AIRCRAFT DATA	FS	M/N	FLIGHT PURPOSE	PILOT DATA
9-1785	8/4/79 TIME - O NAME OF DEPARTUR BOISE, TYPE OF COLLID PROBABLE PILOT MISCEL FACTOR (S TERRAI	PISTOL CREEK,ID 930 AIRPORT - INDIAN CRE E POINT ID ACCIDENT ED WITH TREES CAUSE(S) IN COMMAND - IMPROPE LANEOUS ACTS,CONDITI	CESSNA T210M N6286B DAMAGE-DESTROYED EK USFS INTENDED DESTINATION INDIAN CREEK,ID R IN-FLIGHT DECISIONS ONS - FLEW INTO BLIND	CR- 1 ( PX- 5 ( PHA OR PLANNIN	) O CC D O AI ASE OF C IN FLIGH		COMMERCIAL, AGE 39, 1878 TOTAL HOURS, 95 IN TYPE, INSTRUMENT RATED.
<b>3–</b> 2845	TIME - 1 DEPARTUR STANLEY TYPE OF ENGINE HARD L PROBABLE PERSON POWERP MISCEL MISCEL FACTOR (S TERRAI COMPLETE EMERGENC	ID ACCIDENT FAILURE OR MALFUNCT ANDING CAUSE(S) NEL - MAINTENANCE,SE LANT - FUEL SYSTEM LANEOUS ACTS,CONDITI LANEOUS ACTS,CONDITI ) N - HIGH OBSTRUCTION POWER LOSS - COMPLE	TON RVICING, INSPECTION IN FUEL CONTROL ONS - IMPROPERLY SECU ONS - FUEL STARVATION S TE ENGINE FAILURE/FLAN RCED LANDING OFF AIRPO	PX- 0 ( PH4 NADEQUATE P RED MEOUT-1 EN(	D 2 AI ASE OF C TAKEOFF ANDING MAINTENA	R TAXI-PASSG PERATION INITIAL CLIMB POWER-OFF AUTOROTA	COMMERCIAL, FL.INSTR., AGE 30, 7026 TOTAL HOURS 483 IN TYPE, NOT INSTRU- MENT RATED. TIVE LANDING

			BRIEFS	5 OF ACCIDENT			
FILE	DATE		AIRCRAFT DATA	INJURIES F S M/	N	PURPOSE	PILOT DATA
-2114	3/2/79 ,GA TIME - 1014		CESSNA 310B	CR- 1 0	0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 65, 9018 TOTAL HOURS, UNK/NR IN TYPE, INSTRU- MENT RATED.
	DEPARTURE POI LEBANON,TN TYPE OF ACCID		INTENDED DESTINATION GALESBURG,IL	PHASE	OF	OPERATION	MENT KATED.
		ITH GROUND/WAT	ER CONTROLLED	LAN	DIN	G MISSED APPRDACH	
	FACTOR(S) WEATHER - L WEATHER - F WEATHER BRIEF	MMAND - IMPROP DW CEILING DG ING - BRIEFED	ER IFR OPERATION BY FLIGHT SERVICE PERSO SUBSTANTIALLY CORRECT	DNNEL, BY PHO	NE		
		ACCIDENT SITE		400 PRECI	ΡIT	AT ACCIDENT SITE ATION AT ACCIDENT SITE	
	2 MILES OR OBSTRUCTIONS FOG	LESS TO VISION AT AG	CCIDENT SITE	NON WIND 150	DIR	ECTION-DEGREES	
	WIND VELOCITY 16 TYPE OF FLIGH IFR			TYPE IFR		WEATHER CONDITIONS	
-2865	11/23/79 GA TIME - 1820	LESBURG,IL	CESSNA T210L N22434 DAMAGE-SUBSTANTIAL			COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 41, 2184 TOTAL HOURS, 1220 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPO DEPARTURE POI LEBANON, OH	RT - GALESBURG NT	INTENDED DESTINATION				
	TYPE OF ACCID	URE OR MALFUNCT		LAN	) I N	OPERATION G FINAL APPROACH G LEVEL OFF/TOUCHDOWN	
	PILOT IN CO	MMAND - INADEQU MMAND - MISMAN	JATE PREFLIGHT PREPARAT AGEMENT OF FUEL IONS - FUEL EXHAUSTION	ION AND/OR P	AN	NING	
	POWERPLANT MISCELLANEO EMERGENCY CIR	US ACTS, CONDIT	NSTRUMENTS FUEL QUANTI IONS - OVERLOAD FAILURE DRCED LANDING OFF AIRPO 10 GAL HIGH.				

				S OF A				•	•
FILE	DATE	LOCATION	AIRCRAFT DATA		JUR	IES			PILOT DATA
3-3958	TIME - 1307 DEPARTURE P CINCINNAT TYPE OF ACC COLLISION PROBABLE CA MISCELLAN FACTOR(S) PILOT IN MISCELLAN	DINT I+OH IDENT WITH GROUND/WATE USE(S) EOUS - UNDETERMIN COMMAND - PHYSICA EOUS ACTS+CONDITI	ED	PX-	1 P+	0 HASE IN	0 FLI		COMMERCIAL, AGE 50, 2400 TOTAL HOURS, 1600 IN TYPE, INSTRUMENT RATED. T
-3146	10/22/79 NR TIME - 1940	•BLOOMINGTON, IN	CESSNA 310 N1320G DAMAGE-DESTROYED					COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 27, 4679 TOTAL HOURS, 34 IN TYPE, INSTRUMENT RATED.
	DEPARTURE P CENTRALIA TYPE OF ACC TURBULENC COLLISION	• I L IDENT	INTENDED DESTINATION COLUMBUS, IN R UNCONTROLLED			IN	FLI	OPERATION GHT DESCENDING GHT UNCONTROLLED DESCEN	v
	WEATHER - FACTOR(S) WEATHER - WEATHER - WEATHER BRI WEATHER FOR	COMMAND - CONTINL TORNADO THUNDERSTORM ACT ICING CONDITIONS EFING - BRIEFED B	S-INCLUDES SLEET,FREEZ BY FLIGHT SERVICE PERS SUBSTANTIALLY CORRECT	ING RA	IN,	ETC		TURBULENCE	
	5 OR OVER DBSTRUCTION NONE WIND DIRECT 270 TYPE OF WEA IFR	AT ACCIDENT SITE (UNLIMITED) S TO VISION AT AC ION-DEGREES THER CONDITIONS		APE CL	Pr Tt W T	40 RECI EMPI 61 IND 15 YPE IFI	O PIT IN ERAT VEL OF	AT ACCIDENT SITE ATION AT ACCIDENT SITE URE-F OCITY-KNOTS FLIGHT PLAN NR SITE 1945.RECOVERY DA	TE 10/23/79.
				PAGE	110	0			

			BRIEF	S OF AC	CIDE	NTS		
FILE	DATE	LOCATION	AIRCRAFT DATA		UR I E S	-	FLIGHT PURPOSE	PILOT DATA
3-0313	TIME - 18	WATERLOO,IA 356 AIRPORT - WATERLOO MU	PIPER PA-23 N14261 DAMAGE-DESTROYED	CR-			COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 60, 1209 TOTAL HOURS, 68 IN TYPE, INSTRUMENT RATED.
	DEPARTURE CLEVELA TYPE OF A	POINT IN AND,0H	NTENDED DESTINATION WATERLOO,IA			-	F OPERATION NG FINAL APPROAC	Н
	FACTOR(S) WEATHER	N COMMAND - IMPROPER	IFR OPERATION					
		R - FUG RIEFING - BRIEFED BY FORECAST - FORECAST SI		ONNEL,	вү р	HONE		
	SKY CONDI						AT ACCIDENT SITE	
	1 MILE	Y AT ACCIDENT SITE			PRE R	AIN	TATION AT ACCIDEN	T SITE
	FOG		IDENT SITE		3		TURE-F	
	WIND DIRE 140	CTION-DEGREES			WIN 1		LOCITY-KNOTS	
	TYPE OF W IFR	EATHER CONDITIONS				E OF FR	FLIGHT PLAN	
3 <b>-</b> 3624	12/7/79	NR•BAXTER•IA	AEROSPATLE 319B	CR-	0 0	1	COMMERCIAL	COMMERCIAL, AGE 29, 4083
	TIME - 21 DEPARTURE		N90825 DAMAGE-SUBSTANTIAL NTENDED DESTINATION	PX-	0 0	3	AIR TAXI-PASSG	TOTAL HOURS, 366 IN TYPE INSTRUMENT RATED.
	BAXTER,I TYPE OF A MISCELL	CCIDENT	DES MOINES,IA				F OPERATION IGHT HOVERING	
	HARD LA						NG LEVEL OFF/TOU	CHDOWN
		ANEOUS - UNDETERMINED						
	EMERGENCY	_	CAUTIONARY LANDING OF PECTED MECHANICAL DIS FRAME BUFFET					
	REMARKS-			BILIZE	о но	/ ER	AT 5FT.ROTOR BLAD	E HIT TAIL BOOM DRG LNDG.

				S OF ACCIDENTS		
FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
		LIBERAL,KS	CESSNA 172 N2029E DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 2 0		COMMERCIAL, FL.INSTR., AGE 24, 1428 TOTAL HOURS, 341 IN TYPE, INSTRUMENT RATED.
<i>.</i>	DEPARTUR LIBERA TYPE OF		INTENDED DESTINATION GARDEN CITY,KS		DF OPERATION IGHT CLIMB TO CRUISE	
	PILOT		TO SEE AND AVOID OTHEF PERSONNEL PILOT OF OT			
	CONTRO TRAFFI CONTRO			RADAR CONTR HORIZ	CTL/SURVEILLANCE - N	
3-1956	3/15/79 TIME - 1	LOUISVILLE,KY 215	BEECH D-18S N80204 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 48, 16000 Total Hours, 200 IN Type, Not instrument rated.
	DEPARTUR LOUISV TYPE OF	AIRPORT - STANDIFORD RE POINT TILLE.KY ACCIDENT ETRACTED			DF OPERATION DFF RUN	NOT INSTRONENT RATED.
		CAUSE(S) IN COMMAND - RETRACT	ED GEAR PREMATURELY			
				PAGE 112	·	

				F	URIES S M/N	PURPOSE	PILOT DATA
	10/29/79 HARLAN TIME - 1315	•KY	PIPER PA-23 N62727 DAMAGE-SUBSTANTIAL	CR- PX-	0 0 1 0 0 4	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 34, 19 TOTAL HOURS, 252 IN TY INSTRUMENT RATED.
	NAME OF AIRPORT - DEPARTURE POINT CHARLESTON,WV TYPE OF ACCIDENT ENGINE FAILURE D		HRIE INTENDED DESTINATION HARLAN,KY		ROANO PHASE C	ROUTE STOP KE₹VA DF OPERATION NG TRAFFIC PATTERN-	
	OVERSHOOT	JK MALFONGT	ION			ING LEVEL OFF/TOUCHD	
	MISCELLANEOUS AC MISCELLANEOUS AC PILOT IN COMMANE FACTOR(S)	CTS,CONDITI CTS,CONDITI D — MISJUDG	ED DISTANCE AND ALTITU	IDE			
	TERRAIN - WET,SC MISCELLANEOUS AC MISCELLANEOUS AC COMPLETE POWER LOS	DFT GROUND CTS,CONDITI CTS,CONDITI SS - COMPLE	OR FAILED TO USE FLAF DNS - NOT ALIGNED WITH DNS - RAN OFF END OF R TE ENGINE FAILURE/FLAM ECAUTIONARY LANDING ON	I RUNWA' UNWAY EOUT-1	ENGINE	DED LANDING AREA	
	REMARKS- ALT AIR D	DOOR LOOSE	IN AIRBOX.T/D FAST,FLA	PS UP≁I	ON WET G	RASS ADJ TO RWY.DROP	PED OVR CLIFF WEST END.
3-0180	1/22/79 CAMERON TIME - 1300	N.LA	CESSNA 180 N3420Y			COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 35, 32 Total Hours, 223 in ty
			DAMAGE-SUBSTANTIAL				INSTRUMENT RATED.
	DEPARTURE POINT HOUMA.LA		DAMAGE-SUBSTANTIAL INTENDED DESTINATION CAMERON,LA				INSTRUMENT RATED.
	DEPARTURE POINT		INTENDED DESTINATION CAMERON,LA			F OPERATION NG FINAL APPROACH	INSTRUMENT RATED.
	DEPARTURE POINT HOUMA.LA TYPE OF ACCIDENT COLLIDED WITH P PROBABLE CAUSE(S)	VIRES/POLES	INTENDED DESTINATION CAMERON,LA		LANDI	NG FINAL APPROACH	INSTRUMENT RATED.
3-0282	DEPARTURE POINT HOUMA.LA TYPE OF ACCIDENT COLLIDED WITH & PROBABLE CAUSE(S) PILOT IN COMMAND	VIRES/POLES ) - FAILED <sup>-</sup> JIPPED	INTENDED DESTINATION CAMERON,LA	TS OR (	LANDI DBSTRUCT 0 0 1	NG FINAL APPROACH	INSTRUMENT RATED. Commercial, age 28, 25 Total Hours, 1010 In Type, Instrument rated
3-0282	DEPARTURE POINT HOUMA.LA TYPE OF ACCIDENT COLLIDED WITH F PROBABLE CAUSE(S) PILOT IN COMMAND REMARKS- FLOAT EOU	VIRES/POLES ) - FAILED JIPPED N CITY+LA	INTENDED DESTINATION CAMERON,LA FO SEE AND AVOID OBJEC CESSNA 180J N9939N	CR- ( PX- (	LANDI DBSTRUCT 0 0 1 0 0 2 PHASE D	NG FINAL APPROACH IONS COMMERCIAL	COMMERCIAL, AGE 28, 25 Total Hours, 1010 IN

BRIEFS OF ACCIDENTS \_\_\_\_\_ FILE DATE LOCATION AIRCRAFT DATA INJURIES FLIGHT PILOT DATA PURPOSE F S M/N \_\_\_\_ 3-3107 4/12/79 NR.CAMERON.LA CR- 0 0 1 COMMERCIAL ATP.FLIGHT INSTR., AGE BELL 206B N59627 TIME - 0735 PX- 0 0 2 AIR TAXI-PASSG 36, 2654 TOTAL HOURS, 200 DAMAGE-SUBSTANTIAL IN TYPE, NOT INSTRUMENT RATED. DEPARTURE POINT INTENDED DESTINATION GRAN CHENIER, LA CAMERON, LA TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALEUNCTION LANDING FINAL APPROACH COLLISION WITH GROUND/WATER UNCONTROLLED LANDING FINAL APPROACH PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER REMARKS- PWR LOSS DRG APCH TO PLATFORM.UN TO STOP DESCENT. 3-0829 4/25/79 HARVEY,LA CESSNA 180J CR- 0 0 1 COMMERCIAL COMMERCIAL, AGE 19, 800 TIME - 0730 N42322 PX- 0 0 0 AIR TAXI-PASSG TOTAL HOURS, 180 IN TYPE, DAMAGE-SUBSTANTIAL NOT INSTRUMENT RATED. DEPARTURE POINT INTENDED DESTINATION GRAND ISLE.LA HARVEY, LA TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER CONTROLLED IN FLIGHT NORMAL CRUISE . PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE MISCELLANEOUS ACTS, CONDITIONS - UNWARRANTED LOW FLYING 3-1807 4/28/79 NR.CAMERON,LA BELL 206L CR- 0 0 1 COMMERCIAL COMMERCIAL, AGE 38, 3332 TIME - 0928 N16779 PX- 0 0 4 AIR TAXI-PASSG TOTAL HOURS, 1366 IN TYPE, INSTRUMENT RATED. DAMAGE-SUBSTANTIAL DEPARTURE POINT INTENDED DESTINATION INTERCOASTAL CITY,LA HIGH ISLAND 309 TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT NORMAL CRUISE HARD LANDING LANDING POWER-OFF AUTOROTATIVE LANDING PROBABLE CAUSE(S) POWERPLANT - COMPRESSOR ASSEMBLY BLADE, COMPRESSOR ROTOR POWERPLANT - MISCELLANEOUS FOREIGN OBJECT DAMAGE MISCELLANEOUS ACTS, CONDITIONS - INTERFERENCE WITH FLIGHT CONTROLS EACTOR(S) MISCELLANEOUS ACTS.CONDITIONS - AIRCRAFT CAME TO REST IN WATER COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER REMARKS- FORFIGN OBJECT UNDETERMINED.PLT UNABLE TO USE FULL COLLECTIVE DUE TO INTERFERENCE BY SURVIVE POUCH

FILE	DATE			FS	M/N			PILOT DATA
8-0884	5/17/79 TIME - 10	SORRENTO,LA 00	BELL 206B N203AL DAMAGE-SUBSTANTIAL	CR- 0 PX- 0	0 1 0 4	COMMERCIAL AIR TAXI-PASSG		COMMERCIAL, AGE 35, 4626 TOTAL HOURS, 2662 IN TYPE, NOT INSTRUMENT RATED.
	NEW ORL TYPE OF A	EANS,LA CCIDENT ER/ROTOR FAILURE	INTENDED DESTINATION ST FRANCISVILLE,LA TAIL ROTOR		IN FL	- OPERATION IGHT NORMAL CRUI: NG POWER-OFF AUTO		
	ROTORCR MISCELL MISCELL	EL - MAINTENANCE, AFT - TRANSMISSION ANEOUS ACTS,CONDIT ANEOUS ACTS,CONDIT	SERVICING, INSPECTION I ROTOR DRIVE SYSTEM T TIONS - LACK OF LUBRICA TIONS - OVERHEATED	ALL ROTOR	DRIVE	SHAFT ASSEMBLY	FION	
	EMERGENCY	CIRCUMSTANCES - F	MANEUVER TO AVOID COLLI ORCED LANDING OFF AIRPO Y,PART 206040-100-13,F	DRT ON LAN		SS OF GREASE FROM	FORWARD	800T.
-0883	EMERGENCY REMARKS-	CIRCUMSTANCES - F DRIVESHAFT ASSEMBL NR.MORGAN CITY,LA	ORCED LANDING OFF AIRPO	ORT ON LAN AILED DUE CR- O	TO LO:		FOR W AR D	BOOT. COMMERCIAL, FL.INSTR., AGE 29, 1798 TOTAL HOURS 83 IN TYPE, INSTRUMENT RATED.
-0883	EMERGENCY REMARKS- 5/24/79 TIME - 14 DEPARTURE MORGAN C TYPE OF A GROUND-1	CIRCUMSTANCES - F DRIVESHAFT ASSEMBL NR.MORGAN CITY,LA 30 POINT ITY,LA	CESSNA 185F N4663E DAMAGE-DESTROYED INTENDED DESTINATION LOCAL	ORT ON LAN AILED DUE CR- O PX- O PX- PH	TO LOS O 1 O 1 ASE OI TAKEOF	COMMERCIAL	FORWARD	COMMERCIAL, FL.INSTR., AGE 29, 1798 TOTAL HOURS 83 IN TYPE, INSTRUMENT

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ILE	DATE LOCATION	AIRCRAFT DATA	S OF ACC			FLIGHT PURPOSE	PILOT DATA
-2100	MISCELLANEOUS ACTS, COND FACTOR(S)	DAMAGE-DESTROYED INTENDED DESTINATION LOCAL INCTION SSEMBLY RLADE,TURBINE WHI ITIONS - FATIGUE FRACTURE ITIONS - AIRCRAFT CAME TO PLETE ENGINE FAILURE/FLAM FORCED LANDING ON AIRPOF	CR- O PX- O EEL E REST II 4EOUT-1	1 2 PHASE LANI LANI N WATE		MMERCIAL R TAXI-PASSG PERATION POWER-ON LANDING POWER-ON LANDING	COMMERCIAL, AGE 39, 3050 TOTAL HOURS, 970 IN TYPE INSTRUMENT RATED.
-1809		INTENDED DESTINATION SP 62 NFFSHORE PLATE	-	PHASE TAKE LANI	OF O DFF DING	PERATION INITIAL CLIMB POWER-OFF AUTOROTATI	COMMERCIAL, AGE 48, 3725 TOTAL HOURS, 925 IN TYPE INSTRUMENT RATED. VE LANDING
	FACTOR(S) MISCELLANEOUS ACTS,COND COMPLETE POWER LOSS - COM EMERGENCY CIRCUMSTANCES - REMARKS- SKIDS POPOUT FLO	FORCED LANDING OFF AIRPO	MEOUT-1 DRT ON W	ENGINI ATER	=	ER ACCIDENT.	
-1412	7/17/79 CUT OFF.LA TIME - 1230 DEPARTURE POINT CUT OFF.LA	BELL 206B N4715R DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	PX- 0	0 0	) AI	MMERCIAL R TAXI-CARGO	COMMERCIAL, AGE 25, 3300 TOTAL HOURS, 710 IN TYPE INSTRUMENT RATED.

FILE	DATE LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA.
-1812	8/22/79 MANDEVILLE.LA TIME - 1500	CESSNA 180 N3494V DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 23, 1560 TOTAL HOURS, 125 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - SEA PLA DEPARTURE POINT INDUSTRIAL CANAL.LA TYPE OF ACCIDENT OVERSHOOT COLLIDED WITH ELECTRON	INTENDED DESTINATION MANDEVILLE,L4	LANDIN	OPERATION G LEVEL OFF/TOUCHDO G ROLL	WN
	PILOT IN COMMAND - SELE FACTOR(S) MISCELLANEOUS ACTS,CONF	UDGED DISTANCE AND SPEED CTED WRONG RUNWAY RELATION DITIONS - DOWNWIND ITIONS - RAN DEF END OF F		IND	
-2099	9/25/79 NR.MORGAN CITY,L TIME - 0930		CR- 0 C 1 PX- 0 0 1		AIRLINE TRANSPORT, AGE 31, 3838 TOTAL HOURS, 186 IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIRPORT - PMI 6 S DEPARTURE POINT MORGAN CITY.LA TYPE OF ACCIDENT COLLIDED WITH OBJECT			OPERATION AERIAL TAXI TO/FROM	
	PROBABLE CAUSE(S) PILOT IN COMMAND - MIS.			CTICE	
	FACTOR(S) MISCELLANEOUS ACTS,COND WEATHER - UNFAVORABLE W		D OPERATING PRA		
	MISCELLANEOUS ACTS.COND	IND CONDITIONS	CEILING UNLIMI PRECIPIT NOME WIND DIR 360	AT ACCIDENT SITE	TE

ILE	DATE LOCATION	AIRCRAFT DATA	INJ	URIES		FLIGHT	PILOT DATA		
				S M,					
2944	11/29/79 NR.INTRACSTL C TIME - 0725 DEPARTURE POINT PATTERSON.LA TYPE OF ACCIDENT AIRFRAME FAILURE IN	N476AL DAMAGE-SUBSTANTIAL INTENDED DESTINATION SABINE,TX	РХ <b>-</b>	D O PHASI	0	COMMERCIAL AIR TAXI-PASSG OPERATION GHT NORMAL CRUISE	COMMERCIAL, AGE 35, 6580 TOTAL HOURS, 300 IN TYPE NOT INSTRUMENT RATED.		
				-055,0	COLI	.IDED W ROTOR BLADES &	RGT HRZNTL STAB.		
3108	12/15/79 NR.VENICE.LA TIME - 1610	CESSNA A185F N1850R DAMAGE-DESTROYED				COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 37, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, INSTRU- MENT RATED.		
	DEPARTURE POINT VENICE,LA TYPE OF ACCIDENT COLLIDED WITH ELECTR	INTENDED DESTINATION NEW ORLEANS,LA ONIC TOWERS				- OPERATION GHT LOW PASS	MENT RATED.		
	FACTOR(S) PILOT IN COMMAND - IN WEATHER - LOW CEILING WEATHER - FOG TERRAIN - HIGH OBSTRU	CTIONS ECORD OF BRIEFING RECEIVED	ATION AND						
	SKY CONDITION	•		CETLI	NG	AT ACCIDENT SITE			
	OVERCAST VISIBILITY AT ACCIDENT 1/4 MILE OR LESS ORSTRUCTIONS TO VISION			200 PRECI NO	) [P]: ]	TATION AT ACCIDENT SITE	E		
	FOG WIND DIRECTION-DEGREES	AT ACCIDENT SITE		56		OCITY-KNOTS			
	40 TYPE OF WEATHER CONDITI IFR FIRE AFTER IMPACT		7 TYPE NOI		FLIGHT PLAN				
	REMARKS- FLOAT EQUIPPED ACFT COLLIDED W GUY WIRE OF 270FT TWR.								
			0.005						
			PAGE	118					

FILE			AIRCRAFT DATA	F	S M/N	PURPOSE	PILOT DATA
3-3209	12/18/79 HARVEY,LA TIME - 1425		CESSNA 180K	CR- 1 PX- 0	LOO		ATP,FLIGHT INSTR., AGE 52, 18000 TOTAL HOURS, 7000 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - HAN DEPARTURE POINT HARVEY,LA TYPE OF ACCIDENT COLLIDED WITH OBJU						
	PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - MISJUDGED DISTANCE, SPEED, AND ALTITUDE PILOT IN COMMAND - FAILED TO ABORT TAKEOFF FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G. MISCELLANEOUS ACTS, CONDITIONS - DOWNWIND MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER REMARKS- FLOAT EQUIPPED ACFT COLLIDED W TUG BOAT DRG TKOF FM CANAL.331LBS OVR MAX GROSS WT.CO FLT PLAN.						
	PILOT IN COMMAND - FACTOR(S) MISCELLANEOUS ACTS MISCELLANEOUS ACTS MISCELLANEOUS ACTS	FAILED TO CONDITION CONDITION CONDITION	D ABORT TAKEOFF NS - IMPROPERLY LOADE NS - DOWNWIND NS - AIRCRAFT CAME TO	D AIRCR	AFT-WE N WATE	2	OSS WT.CO FLT PLAN.
	PILOT IN COMMAND - FACTOR(S) MISCELLANEOUS ACTS MISCELLANEOUS ACTS MISCELLANEOUS ACTS	FAILED TO CONDITION CONDITION CONDITION	D ABORT TAKEOFF NS - IMPROPERLY LOADE NS - DOWNWIND NS - AIRCRAFT CAME TO	D AIRCR	AFT-WE N WATE	2	OSS WT.CO FLT PLAN.
3-3024	PILOT IN COMMAND - FACTOR(S) MISCELLANEOUS ACTS MISCELLANEOUS ACTS MISCELLANEOUS ACTS REMARKS- FLOAT EQUIPS 12/26/79 NR.INTRACST TIME - 1140 NAME OF AIRPORT - VER	FAILED TO CONDITION CONDITION CONDITION PED ACFT CY,LA	D ABORT TAKEOFF NS - IMPROPERLY LOADE NS - DOWNWIND NS - AIRCRAFT CAME TO COLLIDED W TUG BOAT D AEROSPATLE AS-350 N3594B DAMAGE-SUBSTANTIAL	D AIRCR REST I DRG TKOF CR- 0	AFT-WE N WATE FM CA	R NAL.331LBS OVR MAX GF	
5-3024	PILOT IN COMMAND - FACTOR(S) MISCELLANEOUS ACTS MISCELLANEOUS ACTS MISCELLANEOUS ACTS REMARKS- FLOAT EQUIPS 12/26/79 NR.INTRACST TIME - 1140	FAILED TO CONDITION CONDITION CONDITION PED ACFT CY,LA MILION 32 I	D ABORT TAKEOFF NS - IMPROPERLY LOADE NS - DOWNWIND NS - AIRCRAFT CAME TO COLLIDED W TUG BOAT D AEROSPATLE AS-350 N3594B DAMAGE-SUBSTANTIAL 29 NTENDED DESTINATION HOUMA,LA	D AIRCR REST I DRG TKOF CR- O PX- O	AFT-WE FM CA 1 O 0 O 0 O	R NAL.331LBS OVR MAX GF COMMERCIAL	COMMERCIAL, AGE 36, 4974 Total Hours, 102 in Type.

BRIEFS OF ACCIDENTS \_\_\_\_\_ FILE DATE LOCATION AIRCRAFT DATA INJURIES FLIGHT PILOT DATA F S M/N PURPOSE ~~~~~~~~~~~~~~~~~ CR- 0 0 1 COMMERCIAL 3-2221 8/1/79 NR.GREENVILLE,ME CESSNA 180 COMMERCIAL, FL.INSTR., TIME - 1100 N2715K PX- 0 0 1 AIR TAXI-PASSG AGE 25, 1789 TOTAL HOURS, DAMAGE-SUBSTANTIAL 300 IN TYPE, INSTRUMENT RATED. NAME OF AIRPORT - NORTH EAST CARRY DEPARTURE POINT INTENDED DESTINATION GREENVILLE.ME RETURN PHASE OF OPERATION TYPE OF ACCIDENT HARD LANDING LANDING LEVEL OFF/TOUCHDOWN NOSE OVER/DOWN LANDING OTHER PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE FACTOR(S) WEATHER - LOW CFILING WEATHER - RAIN WEATHER - FOG TERRAIN - GLASSY WATER MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER WEATHER BRIEFING - OTHER WEATHER FORECAST - UNKNOWN/NOT REPORTED EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT ADVERSE/UNFAVORABLE WEATHER SKY CONDITION CEILING AT ACCIDENT SITE UNKNOWN/NOT REPORTED 500 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 2 MILES OR LESS RAIN OBSTRUCTIONS TO VISION AT ACCIDENT SITE RELATIVE BEARING OF WIND FOG CALM WIND VELOCITY-KNOTS TYPE OF WEATHER CONDITIONS CALM VFR TYPE OF FLIGHT PLAN NONE REMARKS- FLOAT EQUIPPED.LNDD 20NM N OF GREENVILLE IN LAKE.WX FRM FOLSOM'S CHIEF PLT. COMMERCIAL, FL.INSTR., 3-2866 1/11/79 TEMPLETON,MA PIPER PA-31 CR- 1 0 0 COMMERCIAL TIME - 1110 N33TN PX- 2 0 0 AIR TAXI-PASSG AGE 55, 12225 TOTAL DAMAGE-DESTROYED DT- 2 0 0 HOURS, 870 IN TYPE, INSTRUMENT RATED. NAME OF AIRPORT - GARDNER MUNI DEPARTURE POINT INTENDED DESTINATION CONCORD,MA WHITE PLAINS, NY TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH AIRCRAFT BOTH IN FLIGHT IN FLIGHT NORMAL CRUISE PROBABLE CAUSE(S) . PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV. CONTROLLING AGENCY - NO CONTROL TRAFFIC ADVISORY ISSUED - NONE EVASIVE ACTION TAKEN - UNKNOWN/NOT REPORTED CONTROL ZONE/AREA - NO ANTI-COLLISION LIGHTS - INSTALLED, OPERATION UNKNOWN

		BRIEFS	S OF AC	CI	DEN	TS		
DATE			F		SΜ	/ N		PILOT DATA
7/19/79	NANTUCKET,MA		CR-	0	0	2	COMMERCIAL	AIRLINE TRANSPORT, AGE 49, 2624 TOTAL HOURS, 156 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - NANTUCKET DEPARTURE POINT INTENDED DESTINATION BOSTON,MA NANTUCKET,MA TYPE OF ACCIDENT HARD LANDING				Ρ				
PILOT I FACTOR(S) MISCELL WEATHER	N COMMAND - IMPROPE ANEOUS ACTS.CONDITIO R - LOW CEILING							
OBSCURA VISIBILIT 1/2 MIL OBSTRUCTI	Y AT ACCIDENT SITE E OR LESS	CIDENT SITE		Ρ	50 REC NO IND	0 IPI NE DI	TATION AT ACCIDENT SIT	=
WIND VELO 5 Type of F IFR	LIGHT PLAN	HRS,FLEW 8.2HRS IN IFR	CQNDI		YPE IF	OF R	WEATHER CONDITIONS	
TIME - OC	030	N5120Y DAMAGE-SUBSTANTIAL			-			COMMERCIAL, AGE 35, 3580 Total Hours, 753 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - MUSKEGON COUNTY DEPARTURE POINT INTENDED DESTINATION MUSKEGON HGTS,MI ROCKFORD, IL TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION WHEELS-UP				PI	ΤA	кео	FF INITIAL CLIMB	4
PILOT I PILOT I MISCELL COMPLETE EMERGENCY	N COMMAND - INADEQU N COMMAND - MISMANA ANEOUS ACTS,CONDITI POWER LOSS - COMPLE CIRCUMSTANCES - PR							
	7/19/79 TIME - 01 NAME: OF A DEPARTURE BOSTON, TYPE OF A HARD LA PROBABLE PILOT I FACTOR(S) MISCELL WEATHER SKY CONDI OBSCURA VISIBILIT 1/2 MIL OBSTRUCTI FOG WIND VELO 5 TYPE OF F IFR REMARKS- 1/5/79 TIME - 00 NAME OF A DEPARTURE MUSKEGON TYPE OF A ENGINE WHEELS- PROBABLE PILOT I MISCELL COMPLETE EMERGENCY	7/19/79 NANTUCKET,MA TIME - 0118 NAME OF AIRPORT - NANTUCKET DEPARTURE POINT BOSTON,MA TYPE OF ACCIDENT HARD LANDING PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPEN FACTOR(S) MISCELLANEOUS ACTS.CONDITION WEATHER - LOW CEILING WEATHER - LOW CEILING WIND VELOCITY-KNOTS 5 TYPE OF FLIGHT PLAN IFR REMARKS- PIC ON DUTY OVER 15H 1/5/79 NR.MUSKEGON HGTS,MI TIME - 0030 NAME OF AIRPORT - MUSKEGON CO DEPARTURE POINT MUSKEGON HGTS,MI TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCT WHEELS-UP PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQU PILOT IN COMMAND - MISMANAC MISCELLANEOUS ACTS,CONDITI COMPLETE POWER LOSS - COMPLET EMERGENCY CIRCUMSTANCES - PR	DATE LOCATION AIRCRAFT DATA 7/19/79 NANTUCKET.MA CESSNA 402 TIME - 0118 N5419M DAMAGE-SUBSTANTIAL NAME OF AIRPORT - NANTUCKET DEPARTURE POINT INTENDED DESTINATION BOSTON.MA NANTUCKET.MA TYPE OF ACCIDENT HARD LANDING PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER LEVEL OFF FACTOR(S) MISCELLANEOUS ACTS.CONDITIONS - PILOT FATIGUE WEATHER - LOW CEILING WEATHER - LOW CEILING WEATHER - FOG SKY CONDITION OBSCURATION VISIBILITY AT ACCIDENT SITE 1/2 MILE OR LESS OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG WIND VELOCITY-KNOTS 5 7 1/5/79 NR.MUSKEGON HGTS.MI PIPER PA-23 TIME - 0030 N5120Y DAMAGE-SUBSTANTIAL NAME OF AIRPORT - MUSKEGON COUNTY DEPARTURE POINT INTENDED DESTINATION MUSKEGON HGTS.MI ROCKFORD. IL TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION WHEELS-UP PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARAT PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS.CONDITIONS - FUEL STARVATION COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAM EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON	DATE LOCATION AIRCRAFT DATA INJ 7/19/79 NANTUCKET.MA CESSNA 402 CR- TIME - 0118 DAMAGE-SUBSTANTIAL NAME OF AIRPORT - NANTUCKET DEPARTURE POINT INTENDED DESTINATION BOSTON.MA NANTUCKET.MA TYPE OF ACCIDENT HARD LANDING PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER LEVEL OFF FACTOR(S) MISCELLANEOUS ACTS.CONDITIONS - PILOT FATIGUE WEATHER - LOW CEILING WEATHER - LOW CEILING WEATHER - LOW CEILING WEATHER - FOG SKY CONDITION OBSCURATION VISIBILITY AT ACCIDENT SITE 1/2 MILE OR LESS DBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG WIND VELOCITY-KNOTS 5 TYPE OF FLIGHT PLAN IFR REMARKS- PIC ON DUTY OVER 15HRS.FLEW 8.2HRS IN IFR CQNDI 1/5/79 NR.MUSKEGON HGTS.MI PIPER PA-23 CR- TIME - 0030 N5120Y PX- DAMAGE-SUBSTANTIAL NAME OF AIRPORT - MUSKEGON COUNTY DEPARTURE POINT INTENDED DESTINATION MUSKEGON HGTS.MI ROCKFORD, IL TYPE OF ACCIDENT INTENDED DESTINATION MUSKEGON HGTS.MI ROCKFORD, IL TYPE OF ACCIDENT PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AN PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AN ANDI	DATE LOCATION AIRCRAFT DATA INJUR 7/19/79 NANTUCKET.MA CESSNA 402 CR- 0 TIME - 0118 NS419M PX- 0 DAMAGE-SUBSTANTIAL NAME OF AIRPORT - NANTUCKET DEPARTURE POINT INTENDED DESTINATION BOSTON.MA NANTUCKET.MA TYPE OF ACCIDENT P HARD LANDING PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/ FOG NSCUPATION COUNTY DEPALOR I/5/79 NR.MUSKEGON HGTS.MI PIPER PA-23 CR- 0 TIME - 0030 NS120Y PX- 0 DAMAGE-SUBSTANTIAL NAME OF AIRPORT - MUSKEGON COUNTY DEPARTURE PIC ON DUTY OVER 15HRS.FLEW 8.2HRS IN IFR CONDITI NAME OF AIRPORT - MUSKEGON COUNTY DEPARTURE PILOR DESTINATION MUSKEGON HGTS.MI PIPER PA-23 CR- 0 TIME - 0030 NS120Y PX- 0 DAMAGE-SUBSTANTIAL NAME OF AIRPORT - MUSKEGON COUNTY DEPARTURE PILOR DESTINATION MUSKEGON HGTS.MI ROCKFORD. 1L TYPE OF ACCIDENT INTENDED DESTINATION MUSKEGON HGTS.MI ROCKFORD. 1L TYPE OF ACCIDENT PLAN IFR REMARKS- PIC ON DUTY OVER 15HRS.FLEW 8.2HRS IN IFR CONDITI MUSKEGON HGTS.MI PIPER PA-23 CR- 0 TIME - 0030 NS120Y PX- 0 DAMAGE-SUBSTANTIAL NAME OF AIRPORT - MUSKEGON COUNTY DEPARTURE POINT INTENDED DESTINATION MUSKEGON HGTS.MI ROCKFORD. 1L TYPE OF ACCIDENT PLAN IFR PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/ PILOT IN COMMAND - MUSKEGON FORD. 1L TYPE OF WAR LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 E EMERCENCY CIRCUMSTANCES - PRECAUTIONS FORL AND	DATE LOCATION AIRCRAFT DATA INJURIES F S M 7/19/79 NANTUCKET,MA CESSNA 402 CR- 0 0 TIME - 0118 N5419M PX- 0 0 DAMAGE-SUBSTANTIAL NAME OF AIRPORT - NANTUCKET DEPARTURE POINT INTENDED DESTINATION BOSTON,MA NANTUCKET,MA PHAS TYPE OF ACCIDENT PHAS HARD LANDING LA PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER LEVEL OFF FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - PILOT FATIGUE WEATHER - LOW CEILING SO WEATHER - FOG SKY CONDITION CEIL OBSTRUCTIONS TO VISION AT ACCIDENT SITE NO DISTRUCTIONS TO VISION AT ACCIDENT SITE NO FOG 1/2 MILE OR LESS TYPE 5 TYPE OF FLIGHT PLAN IFR REMARKS- PIC ON DUTY OVER 15HRS,FLEW 8.2HRS IN IFR CONDITIONS 1/5/79 NR.MUSKEGON HGTS,MI PIPER PA-23 CR- 0 0 TIME - 0030 N5120Y PX- 0 0 DAMAGE-SUBSTANTIAL NAME OF AIRPORT - MUSKEGON COUNTY DEPARTURE POINT INTENDED DESTINATION MUSKEGON HGTS,MI ROLESSINATIAL NAME OF AIRPORT - MUSKEGON COUNTY DEPARTURE POINT INTENDED DESTINATION MUSKEGON HGTS,MI ROLESSINATIAL NAME OF AIRPORT - MUSKEGON COUNTY DEPARTURE POINT INTENDED DESTINATION MUSKEGON HGTS,MI ROCKFORD, IL TYPE OF ACCIDENT FINAL ROCKFORD, IL TYPE OF ACCIDENT FINAL ROCKFORD, IL TYPE OF ACCIDENT OF INADEQUATE PREFLIGHT PREPARATION AND/OR PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PILOT IN COMMAND - MALFUNCTION TA WHEELS-UP LAN	FSM/N7/19/79NANTUCKET.MACESSNA 402CR-002TIME - 0118N5419MPX-002DAMAGE-SUBSTANTIALDAMAGE-SUBSTANTIALDAMAGE-SUBSTANTIALNAME OF AIRPORT - NANTUCKETDEPARTURE POINTINTENDED DESTINATIONBOSTON.MANANTUCKET.MAPHASE OITYPE OF ACCIDENTINTENDER LEVEL OFFHARD LANDINGLANDIPROBABLE CAUSE(S)PILOT IN COMMAND - IMPROPER LEVEL OFFFACTOR(S)MISCELLANEOUS ACTS.CONDITIONS - PILOT FATIGUEWEATHER - LOW CEILINGWEATHER - FOGSKY CONDITIONCEILINGOBSCURATIONSOOOBSCURATIONSOOOBSTRUCTIONS TO VISION AT ACCIDENT SITEWIND DIYFOG190MIND VELOCITY-KNOTSTYPE OF5TYPE OF FLIGHT PLANIFRREMARKS- PIC ON DUTY OVER 15HRS.FLEW 8.2HRS IN IFR CONDITIONS.1/5/79NR.MUSKEGON HGTS.MIPIPER PA-23CR-O ODAMAGE-SUBSTANTIALNAME OF AIRPORT - MUSKEGON COUNTYDEPARTURE POINTINTENDED DESTINATIONMUSKEGON HGTS.MIROCKFORD, ILTYPE OF ACCIDENTPHASE OILANDIPHASEGON HALFUNCTIONPROBABLE CAUSE(S)PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANPROBABLE CAUSE(S)PILOT IN COMMAND - MISAMAGEMENT OF FUELMISCELLANEOUS ACTS.CONDITIONS - FUEL STARVATIONCOMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINEPHORBABLE CAUSE(S)PROBAGEMENT	DATE LOCATION AIRCRAFT DATA INJURIES FLIGHT F S M/N PURPOSE 7/19/79 NANTUCKET.MA CESSNA 402 CR- 0 0 2 COMMERCIAL TIME - 0118 N5419M PX- 0 0 2 AIR TAXI-PASSG DAMAGE-SUBSTANTIAL NAME OF AIRPORT - NANTUCKET DEPARTURE POINT INTENDED DESTINATION BOSTON.MA NANTUCKET.MA PHASE OF OPERATION HARD LANDING LEVEL OFF FACTOR(S) MISCELLANEOUS ACTS.CONDITIONS - PILOT FATIGUE WEATHER - LOW CELING WEATHER - FOG SKY CONDITION OBSURVATION CELING WEATHER - FOG SKY CONDITION OBSURVATION SO VISION AT ACCIDENT SITE FOG WIND VELOCITYKNOTS TYPE OF ALCODENT SITE 1/2/ MILE OR LESS MISCELLANEOUS ACTS.CONDITIONS - PILOT FATIGUE WEATHER - FOG SKY CONDITION CELING AT ACCIDENT SITE 1/2 MILE OR LESS TYPE OF FLIGHT PLAN FFR REMARKS- PIC ON DUTY OVER 15HRS.FLEW 8.2HRS IN IFR CONDITIONS. 1/5/79 NR.MUSKEGON HGTS.MI PIPER PA-23 CR- 0 0 1 COMMERCIAL NAME OF AIRPORT - MUSKEGON COUNTY DAMAGE-SUBSTANTIAL NAME OF AIRPORT - MUSKEGON COUNTY DEPARTURE POINT INTENDED DESTINATION MUSKEGON HGTS.MI PIPER PA-23 CR- 0 0 1 COMMERCIAL TIME - 0030 DAMAGE-SUBSTANTIAL NAME OF AIRPORT - MUSKEGON COUNTY DEPARTURE POINT INTENDED DESTINATION MUSKEGON HGTS.MI PIPER PA-23 CR- 0 0 1 COMMERCIAL TIME - 0030 DAMAGE-SUBSTANTIAL NAME OF AIRPORT - MUSKEGON COUNTY DEPARTURE POINT INTENDED DESTINATION MUSKEGON HGTS.MI PIPER PA-23 CR- 0 0 1 COMMERCIAL TIME - 0030 DAMAGE-SUBSTANTIAL NAME OF AIRPORT - MUSKEGON COUNTY DEPARTURE POINT INTENDED DESTINATION MUSKEGON HGTS.MI ROCKFORD. LL PHASE OF OPERATION TAKEOFF INITIAL CLIMB UNDING LEVEL OFF/TOUCHOOWP PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - MISANAGEMENT OF FUEL MISCELLANEOUS ACTS.CONDITIONS - FUEL STAVATION COMPLETE POWER LOSS - COMPLETE ENSIGNE FAILURE/CLANEOUT-1 ENGINE

BRIEFS OF ACCIDENTS AIRCRAFT DATA INJURIES FTLE. DATE LOCATION FIIGHT PILOT DATA F SM/N PURPOSE 3-0251 2/21/79 OAK ISLAND, MN CESSNA 185 CR- 0 0 1 COMMERCIAL COMMERCIAL, AGE 51, 8770 N9003H PX- 0 0 3 AIR TAXI-PASSG TIME - 1105 TOTAL HOURS, 700 IN TYPE, INSTRUMENT RATED. DAMAGE-SUBSTANTIAL NAME OF AIRPORT - LAKE OF THE WOODS DEPARTURE POINT INTENDED DESTINATION BAUDETTEN, MN OAK ISLAND,MN TYPE OF ACCIDENT PHASE OF OPERATION GROUND+WATER LOOP-SWERVE LANDING ROLL PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS FACTOR(S) WEATHER - UNFAVORABLE WIND CONDITIONS WEATHER BRIEFING - UNKNOWN/NOT REPORTED CEILING AT ACCIDENT SITE SKY CONDITION CLEAR UNLIMITED VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 4 MILES OR LESS NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE RELATIVE BEARING OF WIND RIGHT CROSS WIND 068-112 DEGREES HAZE TEMPERATURE-F WIND DIRECTION-DEGREES 20 . 45 WIND VELOCITY-KNOTS TYPE OF WEATHER CONDITIONS VFR 20 TYPE OF FLIGHT PLAN VFR REMARKS- OFF AIRPORT OPERATION. . 3-2730 10/23/79 NR.COLD SPRINGS.MN PIPER PA-23 CR- 0 0 1 COMMERCIAL COMMERCIAL, FL.INSTR., PX- 0 0 1 AIR TAXI-PASSG TIME - 0730 N62818 AGE 35, 7440 TOTAL HOURS, DAMAGE-SUBSTANTIAL 2148 IN TYPE, INSTRUMENT RATED. DEPARTURE POINT INTENDED DESTINATION FERGUS FALLS, MN MINNEAPOLIS, MN TYPE OF ACCIDENT PHASE OF OPERATION BIRD STRIKE IN FLIGHT NORMAL CRUISE PROBABLE CAUSE(S) MISCELLANEOUS - BIRD COLLISION PAGE 122

FILE	DATE		AIRCRAFT DATA	F	S M/N	PURPOSE	PILOT DATA
3-1010	2/26/79 M TIME - 142	NR.GREENVILLE.MS	BEECH 58 N2055K DAMAGE-DESTROYED	CR- 1 PX- 1	0 0 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 37, 7166 Total Hours, 3066 IN Type, Instrument rated.
	DEPARTURE GREENVILL TYPE OF AC	E,MS	MUNI INTENDED DESTINATION CHARLOTTE,NC	Ρ	HASE (	DF OPERATION IGHT CLIMB TO CRUISE	
		COMMAND - FAILED	TO SEE AND AVOID OTHER PERSONNEL PILOT OF OT				
	CONTROLL TRAFFIC		VED - SMALL US GEN.AV. NONE	-SMALL U	RADAR Contr	CTL/SURVEILLANCE - U	IRPORT - CONTROLLED AIRPORT
	÷						
3-0061		HIGGINSVILLE,MO	PIPER PA-32R N9621K DAMAGE-SUBSTANTIAL			COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 58, 933 TOTAL HOURS, 33 IN TYPE, INSTRUMENT RATED.
•	NAME OF AI DEPARTURE KANSAS C TYPE OF AC UNDERSHO HARD LAN	CITY,MO CIDENT DOT		PI	LAND	F OPERATION NG FINAL APPROACH NG LEVEL OFF/TOUCHDO	
	PROBABLE C PILOT IN		ED DISTANCE AND ALTITU	IDE <sub>.</sub>			
3-3122		ST.LOUIS,MO O	CESSNA 401 N8299F DAMAGE-SUBSTANTIAL	CR- 0 PX- 0	0 2 0 2	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL.INSTR., AGE 51, 11400 TOTAL HOURS, 1500 IN TYPE, INSTRIMENT OFFER
	DEPARTURE ST.LOUIS TYPE OF AC	RPORT - LAMBERT FI POINT MO CIDENT FAILURE IN FLIGH	NTENDED DESTINATION BELTON,MO		-	F OPERATION DFF INITIAL CLIMB	INSTRUMENT RATED.
	AIRFRAME MISCELLA	L - MAINTENANCE,SEF - WINGS RIBS,STR NEOUS ACTS,CONDITIO	VICING, INSPECTION IN INGER, CAP STRIPS INS - MATERIAL FAILURE 5-65 FRACTURED, TWO SL				

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BRIEFS OF ACCIDENTS \_\_\_\_\_\_ AIRCRAFT DATA INJURIES FILE DATE PILOT DATA LOCATION FLIGHT F S M/N PURPOSE \_\_\_\_\_ CESSNA 210 CR- 1 0 0 COMMERCIAL COMMERCIAL, FL.INSTR., 3-3308 11/21/79 MOUNTAIN VIEW,MO PX- 0 0 0 AIR TAXI-PASSG AGE 54, 6734 TOTAL HOURS, TIME - 1630 N732FH 1000 IN TYPE, INSTRUMENT , DAMAGE-DESTROYED RATED. NAME OF AIRPORT - MILLS MEMORIAL DEPARTURE POINT INTENDED DESTINATION QUINCY, ILL WILLOW SPRING,MO 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) WEATHER - LOW CEILING WEATHER - FOG WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, IN PERSON WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT SKY CONDITION CEILING AT ACCIDENT SITE OBSCURATION . 700 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 1 MILE OR LESS NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE TEMPERATURE-F FOG 64 🕾 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN BELOW MINIMUMS TER

FILE	DATE		AIRCRAFT DATA	F S M/N	PURPOSE	PILOT DATA
3-3703	12/11/79 NR TIME - 1000	LEE'S SUMMIT,MO	PIPER PA-31	CR- 0 0 1	COMMERCIAL	ATP,FLIGHT INSTR., AGE 34, 2200 TOTAL HOURS, 55 IN TYPE, INSTRUMENT RATED.
	DEPARTURE P	INT I	INTENDED DESTINATION			
	WICHITA,K	S .	LEE'S SUMMIT,MO	•		
	TYPE OF ACC				OF OPERATION	
	TURBULENC		-		LIGHT NORMAL CRUISE	
	AIRFRAME	FAILURE IN FLIGHT	ł	IN FL	IGHT NORMAL CRUISE	
	WEATHER -	TURBULENCE, ASSOC	CIATED W/CLOUDS AND/O	R THUNDERSTORMS	5	
	WEATHER - PILOT IN PILOT IN FACTOR(S) AIRFRAME MISCELLAN WEATHER BRI WEATHER FOR	DOWNDRAFT,UPDRAF COMMAND - IMPROPER COMMAND - EXCEEDEN - WINGS SKIN AND EOUS ACTS,CONDITIC EFING - BRIEFED BY ECAST - WEATHER CO	TS R OPERATION OF FLIGHT D DESIGNED STRESS LIM	CONTROLS ITS OF AIRCRAF E ONNEL, BY PHON N FORECAST	T E	
	WEATHER - PILOT IN PILOT IN FACTOR(S) AIRFRAME MISCELLAN WEATHER BRI WEATHER FOR SKY CONDITIO	DOWNDRAFT,UPDRAF COMMAND - IMPROPER COMMAND - EXCEEDEN - WINGS SKIN AND EOUS ACTS,CONDITIC EFING - BRIEFED BY ECAST - WEATHER CO	TS R OPERATION OF FLIGHT D DESIGNED STRESS LIM ATTACHMENTS DNS - OVERLOAD FAILUR Y FLIGHT SERVICE PERS	CONTROLS ITS OF AIRCRAF ONNEL, BY PHON FORECAST CEILING	T	
	WEATHER - PILOT IN PILOT IN FACTOR(S) AIRFRAME MISCELLAN WEATHER BRI WEATHER FOR SKY CONDITIO OVERCAST VISIBILITY	DOWNDRAFT, UPDRAF COMMAND - IMPROPER COMMAND - EXCEEDED - WINGS SKIN AND EOUS ACTS, CONDITIC EFING - BRIEFED BY ECAST - WEATHER CO DN	TS R OPERATION OF FLIGHT D DESIGNED STRESS LIM ATTACHMENTS DNS - OVERLOAD FAILUR Y FLIGHT SERVICE PERS	CONTROLS ITS OF AIRCRAF ONNEL, BY PHON N FORECAST CEILING 1700 PRECIPJ	T E	Ē
	WEATHER - PILOT IN PILOT IN FACTOR(S) AIRFRAME MISCELLAN WEATHER BRI WEATHER FOR SKY CONDITION OVERCAST VISIBILITY 1 MILE OR OBSTRUCTION	DOWNDRAFT, UPDRAF COMMAND - IMPROPER COMMAND - EXCEEDED - WINGS SKIN AND EOUS ACTS, CONDITIC EFING - BRIEFED B ECAST - WEATHER CO DN AT ACCIDENT SITE LESS 5 TO VISION AT ACC	TS R OPERATION OF FLIGHT D DESIGNED STRESS LIM ATTACHMENTS DNS - OVERLOAD FAILUR Y FLIGHT SERVICE PERS DNSIDERABLY WORSE THA	CONTROLS ITS OF AIRCRAF ONNEL, BY PHON N FORECAST CEILING 1700 PRECIPJ RAIN TEMPERA	T E G AT ACCIDENT SITE TATION AT ACCIDENT SITE	=
	WEATHER - PILOT IN PILOT IN FACTOR(S) AIRFRAME MISCELLAN WEATHER BRI WEATHER FOR SKY CONDITION OVERCAST VISIBILITY 1 MILE OR OBSTRUCTION	DOWNDRAFT, UPDRAF COMMAND - IMPROPER COMMAND - EXCEEDED - WINGS SKIN AND EOUS ACTS, CONDITIC EFING - BRIEFED BY ECAST - WEATHER CO DN AT ACCIDENT SITE LESS S TO VISION AT ACC DT REPORTED	TS R OPERATION OF FLIGHT D DESIGNED STRESS LIM ATTACHMENTS DNS - OVERLOAD FAILUR Y FLIGHT SERVICE PERS DNSIDERABLY WORSE THA	CONTROLS ITS OF AIRCRAF ONNEL, BY PHON N FORECAST CEILING 1700 PRECIPJ RAIN TEMPERA 34	T E G AT ACCIDENT SITE TATION AT ACCIDENT SITE	=

## BRIEFS OF ACCIDENTS

					CCIDENT			
FILE	DATE	LOCATION	AIRCRAFT DATA	I	JURIES FSM/	N		PILOT DATA
3-0369	3/27/79 TIME -	NR.BOULDER.NV 0945		CR-	0 0	ı c	OMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 28, 1286 TOTAL HOUR 344 IN TYPE, INSTRUMENT RATED.
	LAS V	RE POINT EGAS.NV ACCIDENT LENCE	INTENDED DESTINATION GRAND CANYON, AZ				OPERATION SHT NORMAL CRUISE	
	PERSON MISCEN WEATHER WEATHER SKY CONU BROKEN VISIBIL 5 OR OBSTRUC NONE WIND DIN 140 TYPE OF VFR	LLANEOUS ACTS, COND BRIEFING - BRIEFE FORECAST - FORECA DITION N ITY AT ACCIDENT SI OVER(UNLIMITED) TIONS TO VISION AT RECTION-DEGREES WEATHER CONDITION	US-PERSONNEL PASSENGER ITIONS - SEAT BELT NOT FA D BY FLIGHT SERVICE PERSO ST SUBSTANTIALLY CORRECT TE ACCIDENT SITE	ONNEL,	BY PHO CEILI 500 PRECI NON TEMPE 62 WIND 20	NG A O PITA E RATU VELO	T ACCIDENT SITE TION AT ACCIDENT S RE-F DCITY-KNOTS LIGHT PLAN	SITE
				PAGE	126			

			BR I EF	S OF ACC	IDEN	۲S		
FILE	DATE	LOCATION			S M/	N		PILOT DATA
-2197	4/12/79 TIME - C	NR • CARR I ZOZO • NM )945		CR- 2	0	0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 33, 1923 TOTAL HOURS UNK/NR IN TYPE, INSTRU- MENT RATED.
	CARRIZO TYPE OF	RE POINT DZO+NM ACCIDENT SION WITH GROUND/WATH	INTENDED DESTINATION ALBUQUERQUE,NM. R CONTROLLED			-	- OPERATION IGHT NORMAL CRUISE	
	PILOT PILOT FACTOR(S WEATHE WEATHER WEATHER WEATHER	IN COMMAND - CONTINU 5) ER - LOW CEILING ER - SNOW BRIEFING - BRIEFED N	R IN-FLIGHT DECISIONS JED VFR FLIGHT INTO AD BY FLIGHT SERVICE PERS SUBSTANTIALLY CORRECT COVERED	VERSE WE	ATHEF		DNDITIONS	- - 
	UNKNOW Obstruct Blowin	ST TY AT ACCIDENT SITE. N/NOT REPORTED TIONS TO VISION AT AG G SNOW		×	900 PRECI SNO WIND 270	O PI W, DI	AT ACCIDENT SITE TATION AT ACCIDENT SITE SNOW SHOWERS RECTION-DEGREES	
	35 TYPE OF OTHER	OCITY-KNOTS FLIGHT PLAN - HIT MOUNTAIN.IFR FI	T PLAN NOT ACTIVATED.		IFR		WEATHER CONDITIONS	DS & BLOWING SNOW.
-1137	4/27/79 TIME - 0	CHAMA.NM 1730	CESSNA 182RG N2834C DAMAGE-DESTROYED			3	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 24, 1084 Total Hours, 27 IN Type, INSTRUMENT RATED.
•	DEPARTUR CHAMA, TYPE OF	-			PHASE	0	- OPERATION F INITIAL CLIMB	
	PILOT	IN COMMAND - FAILED	JATE PREFLIGHT PREPARA TO ABORT TAKEOFF D UNSUITABLE TERRAIN	TION AND	/OR P	LAI	INING	

BRIEFS OF ACCIDENTS FILE DATE LOCATION AIRCRAFT DATA INJURIES FLIGHT PILOT DATA F S M/N PURPOSE \_\_\_\_\_ 3-3524 5/16/79 GOBERADOR, NM BELL 206B CR- 0 0 1 COMMERCIAL COMMERCIAL, AGE 35, 7997 TOTAL HOURS, 4835 IN TIME - 0945 N16859 PX- 0 0 3 AIR TAXI-PASSG DAMAGE-SUBSTANTIAL TYPE, INSTRUMENT RATED. DEPARTURE POINT INTENDED DESTINATION GOBERADOR, NM LOCAL TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION TAKEOFF INITIAL CLIMB LANDING POWER-OFF AUTOROTATIVE LANDING HARD LANDING PROBABLE CAUSE(S) POWERPLANT - FUEL SYSTEM LINES AND FITTINGS MISCELLANEOUS ACTS, CONDITIONS - LOOSE, PART/FITTING FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE REMARKS- B-NUT ON HOSE ASSY, PN 70-010V000V142 LOOSE, MAIN ROTOR RPM DROPPED WHILE CLRG OBSTN.CO FLT PLN. 3-3912 6/24/79 GOBERNADOR, NM BELL 206B CR- 0 0 1 COMMERCIAL COMMERCIAL, AGE 43, 5890 TIME - 1602 N16810 PX- 0 0 3 AIR TAXI-PASSG TOTAL HOURS, 3867 IN DAMAGE-SUBSTANTIAL TYPE, INSTRUMENT RATED. DEPARTURE POINT INTENDED DESTINATION GOBERNADOR + NM LOCAL TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT DESCENDING ROLL OVER LANDING LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS FACTOR(S) WEATHER - HIGH DENSITY ALTITUDE PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND SKY CONDITION CEILING AT ACCIDENT SITE SCATTERED UNLIMITED VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 5 OR OVER(UNLIMITED) NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE TEMPERATURE-F NONE 68 WIND DIRECTION-DEGREES WIND VELOCITY-KNOTS 270 5 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN VER VFR FLIGHT FOLLOWING SERVICE REMARKS- D/A APPROX 9000FT.

FILE	DATE LOCAT	ION AIRCRAFT DATA				PILOT DATA
	9/20/79 NR.DEMING.N TIME - 1215 DEPARTURE POINT DEMING.NM TYPE OF ACCIDENT		CR- 1 0 PX- 0 2 PHA	0 0 SE OF	COMMERCIAL AIR TAXI-PASSG OPERATION GHT LOW PASS	COMMERCIAL, AGE 29, 1400 TOTAL HOURS, 500 IN TYPE, INSTRUMENT RATED.
	MISCELLANEOUS ACTS MISCELLANEOUS - EV FACTOR(S) TERRAIN - HIGH OBS FIRE AFTER IMPACT	EXERCISED POOR JUDGMENT CONDITIONS - UNWARRANTED LO ASIVE MANEUVER TO AVOID COLL TRUCTIONS & HIT GND AFTER PLT PULLED U	ISION	Ar li	NES APRX 75FT AGL.	
-0280	1/26/79 LIMA,NY TIME - 0037	PIPER PA-31 N9004y DAMAGE-SUBSTANTIA			COMMERCIAL AIR TAXI-CARGO	ATP,FLIGHT INSTR., AGE 30, 6060 TOTAL HOURS, 1015 IN TYPE, INSTRUMENT
·	DEPARTURE POINT ELMIRA.NY TYPE OF ACCIDENT ENGINE FAILURE OR NOSE OVER/DOWN	INTENDED DESTINATION ROCHESTER,NY MALFUNCTION	PHA I	N FLI	OPERATION GHT NORMAL CRUISE G LEVEL OFF/TOUCHDOWN	RATED.
	MISCELLANEOUS ACTS PILOT IN COMMAND - MISCELLANEOUS ACTS PILOT IN COMMAND - MISCELLANEOUS ACTS FACTOR(S) MISCELLANEOUS ACTS TERRAIN - SNOW-COV COMPLETE POWER LOSS EMERGENCY CIRCUMSTAN	LLER AND ACCESSORIES BLADES ,CONDITIONS - FATIGUE FRACTU FAILED TO FOLLOW APPROVED F ,CONDITIONS - IMPROPER EMERG MISMANAGEMENT OF FUEL ,CONDITIONS - FUEL STARVATIO ,CONDITIONS - FAILURE OF TWO ERED - COMPLETE ENGINE FAILURE/FL ICES - FORCED LANDING OFF AIR DE TIP FAILED. HARTZELL HCE-	RE ROCEDURES,DI ENCY PROCEDU N OR MORE ENG AMEOUT-2 ENG PORT ON LAND	RES INES INES		SEL ON OUTBOARD TK.
-2165	7/8/79 FLUSHING, TIME - 2015	NY PIPER PA-23 N5035y DAMAGE-SUBSTANTIA	PX- 0 0	2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 21, 2100 TOTAL HOURS, 103 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - FL DEPARTURE POINT BLOCK ISLAND,RI TYPE OF ACCIDENT COLLISION WITH AIR	USHING INTENDED DESTINATION BLOCK ISLAND,RI CRAFT BOTH ON GROUND	F Pha	LUSHI SE OF	OUTE STOP NG,NY OPERATION IDLING ENGINE(S)	
	PROBABLE CAUSE(S) PERSONNEL - MISCEL					

FILE								
	DATE	LOCATION	AIRCRAFT DATA	F	URIES S N	1/N	FLIGHT PURPOSE	PILOT DATA
-3913		FLUSHING,NY	BEECH D55 N105AC DAMAGE-DESTROYED	CR-	1 0	0	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 25, 4280 TOTAL HOURS, 31 IN TYPE, INSTRUMENT RATED.
	DEPARTURE PO FLUSHING, TYPE OF ACCI ENGINE FAI	NY	INTENDED DESTINATION ATLANTIC CITY,NJ		ΤA	кео	F OPERATION FF INITIAL CLIMB NG LEVEL OFF/TOUCHDOW	
	PILOT IN C MISCELLANE FACTOR(S) TERRAIN -	OMMAND - INADEQ DMMAND - MISMAN OUS ACTS+CONDIT ROUGH/UNEVEN	UATE PREFLIGHT PREPARA AGEMENT OF FUEL IONS - FUEL STARVATION		ND∕OR	PLA	NNING	
	FIRE AFTER I REMARKS- FUE		PSND TO AUX TANKS.FLT	MAN RS	STRD L	JSE	OF AUX TANKS TO LVL FL	T. LNDD 600FT FM RWY.
-3988	8/28/79 E TIME <del>-</del> 1958	AST QUOGUE,NY	PIPER PA-34 N2080w DAMAGE-SUBSTANTIAL	PX-			COMMERCIAL AIR TAXI-PASSG	ATP,FLIGHŢ INSTR., AGE 33, 3544 TOTAL HOURS, 31 IN TYPE, INSTRUMENT
	NAME OF AIRP DEPARTURE PO FARMINGDAL TYPE OF ACCI COLLIDED W	E +NY DENT	OUNTY INTENDED DESTINATION EAST QUOGUE,NY				F OPERATION NG FINAL APPROACH	RATED.
	FACTOR(S) WEATHER - WEATHER -	DMMAND - IMPROP LOW CEILING FOG	ER IFR OPERATION BY FLIGHT SERVICE PERSI		BY DL			
			SUBSTANTIALLY CORRECT		UT FT			
	SKY CONDITIO OBSCURATIO VISIBILITY A 1/2 MILE O	N T ACCIDENT SITE			20 PREC	0	AT ACCIDENT SITE	E
	OBSTRUCTIONS FOG	TO VISION AT A	CCIDENT SITE		21	0	RECTION-DEGREES	
					ITPO		WEATHER CONDITIONS	
	WIND VELOCIT 10 TYPE OF FLIG				-			
	10 TYPE OF FLIG IFR	HT PLAN	T TREES APRX 2MI NE OF	ARPT.	-			

FILE			AIRCRAFT DATA	F	=	SM	/ N		FLIGHT PURPOSE	PILOT DATA	
	10/4/79 J TIME - 1650 NAME OF AIRP DEPARTURE PO BARRINGTON TYPE OF ACCI HARD LANDI	AMAICA,NY DRT - JFK INTER INT ,MA DENT NG	PIPER PA-23 N5767Y DAMAGE-SUBSTANTIAL	CR- PX-	0 0	O O PHASI	1 2	COM AIR F OP NG	MERCIAL TAXI-PASSG ERATION LEVEL OFF/TOUCHDOW	COMMERCIAL, AGE 23, TOTAL HOURS, 215 IN INSTRUMENT RATED.	
	FACTOR(S)	SE(S) DMMAND - IMPROPE	ER LEVEL OFF Ions - overload failure	Ē			NUI	NG	LEVEL OFF/TOUCHDOW	N	
3-3963		LD WESTBURY,NY	BELL 206B N3500M DAMAGE-DESTROYED						MERCIAL TAXI-PASSG	AIRLINE TRANSPORT, AU 32, 4788 TOTAL HOURS IN TYPE, INSTRUMENT	_
	TYPE OF ACCI		INTENDED DESTINATION NEW YORK CITY,NY HT						ERATION NORMAL CRUISE	RATED.	
· .	FIRE AFTER I	- FLIGHT CONTRO MPACT	DL SYSTEMS CYCLIC PITC DJUSTMENT BARREL OF THE						NAS NOT RECOVERED.		
-2683	10/8/79 W TIME - 1100	ESTHAMPTON,NY	CESSNA 185 N93010 DAMAGE-NONE						MERCIAL TAXI-PASSG	COMMERCIAL, AGE 59, 1 Total Hours, 6003 IN Type, instrument rate	
	DEPARTURE PO WESTHAMPTO TYPE OF ACCI PROPELLER/1	N, NY	INTENDED DESTINATION NEW YORK CITY,NY					= OP	ERATION DLING ENGINE(S)	TIFLY INSTRUMENT RATE	.0•
			-PERSONNEL PASSENGER								

		S OF ACCIDENTS		
LE DATE LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
298 1/19/79 NR.WILLOUGHBY.OH TIME - 1100 DEPARTURE POINT BOSTON.MA TYPE OF ACCIDENT ENGINE FAILURE OR MALFUN WHEELS-UP	N5848M DAMAGE-SUBSTANTIAL INTENDED DESTINATION FLINT,MI	PHASE C IN FL	COMMERCIAL AIR TAXI-CARGO IF OPERATION IGHT NORMAL CRUISE NG LEVEL OFF/TOUCHDI	COMMERCIAL, AGE 29, 1587 TOTAL HOURS, 264 IN TYPE, INSTRUMENT RATED.
MISCELLANEOUS ACTS,COND MISCELLANEOUS ACTS,COND PILOT IN COMMAND - FAILI PARTIAL POWER LDSS - PARTI EMERGENCY CIRCUMSTANCES - REMARKS- ALTERNATE AIR NOT	ED TO ASSURE THE GEAR WA TAL LOSS OF POWER - 2 EN FORCED LANDING OFF AIRP	ING EQUIPMENT-I S DOWN AND LOCK GINES	MPROPER OPERATION OF	/OR FAILED TO USE
951 1/19/79 MIAMISBURG,OH TIME - 2025	CESSNA 3100 N76950 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 32, 3534 TOTAL HOURS, 210 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - DAYTON O DEPARTURE POINT LONDON,KY TYPE OF ACCIDENT COLLIDED WITH BUILDING	GENERAL S INTENDED DESTINATION MIAMISBURG,OH		F OPERATIUN NG FINAL APPROACH	
PROBABLE CAUSE(S) PILOT IN COMMAND - IMPRO FACTOR(S) WEATHER - LOW CEILING WEATHER BRIEFING - BRIEFED WEATHER BRIEFING - BRIEFED WEATHER FORECAST - FORECA	) BY FLIGHT SERVICE PERS(	DNNEL, BY PHONE		· · ·
SKY CONDITION OBSCURATION VISIBILITY AT ACCIDENT SI 1/4 MILE OR LESS OBSTRUCTIONS TO VISION AT		200 PRECIPI	AT ACCIDENT SITE TATION AT ACCIDENT S ING DRIZZLE TURE-E	ITE
FOG TYPE OF WEATHER CONDITION IFR FIRE AFTER IMPACT REMARKS- PLT NEVER RPTD CJ	S	28 TYPE OF IFR	FLIGHT PLAN	DW MINS.COLLIDED W SILO
		PAGE 132		

FILE			AIRCRAFT DATA		F	SM	/N	PURPOSE	PILOT DATA
		YOUNGSTOWN, OH	LEAR JET 24D N744JC DAMAGE-SUBSTANTIAL						AIRLINE TRANSPORT, AGE 31, 6295 TOTAL HOURS, 613 IN TYPE, INSTRUMENT RATED.
		TN CIDENT	N MUNI INTENDED DESTINATION YOUNGSTOWN↓OH		Ρ			F OPERATION NG ROLL	
	MISCELLA	- LANDING GEAR NEOUS ACTS,CONDIT	MAIN GEAR-SHOCK ABSORB IONS - MATERIAL FAILURE STRUT(CYL FORGING)FRACT						LT RPRT SMOOTH LNDG.
3-0516		PLAIN CITY,OH B	BEECH TC-45J N9231 DAMAGE-SUBSTANTIAL	CR- PX-	0 0	0 0	1 0	COMMERCIAL AIR TAXI-CARGO	AIRLINE TRANSPORT, AGE 38, 9752 TOTAL HOURS, 96 IN TYPE, INSTRUMENT
	DEPARTURE DAYTON.0H TYPE OF ACC GEAR COLI	H CIDENT	INTENDED DESTINATION WASHINGTON,DC		Ρ			F OPERATION NG LEVEL OFF/TOUCHDO	RATED.
	FACTOR(S) PILOT IN MISCELLAN TERRAIN WEATHER WEATHER MISCELLAN	COMMAND - SELECT COMMAND - FAILED NEDUS ACTS,CONDIT - SNOW-COVERED - LOW CEILING - FOG NEOUS ACTS,CONDIT CIRCUMSTANCES - F	ED UNSUITABLE TERRAIN TO USE OR INCORRECTLY IONS - ELECTRICAL FAILU IONS - OVERLOAD FAILURE ORCED LANDING OFF AIRPO USPECTED MECHANICAL DIS	IRE : DRT ON	J LA	ND	OUI	PMENT	
	SKY CONDIT UNKNOWN/ VISIBILITY 1/4 MILE	NOT REPORTED AT ACCIDENT SITE OR LESS NS TO VISION AT A			Ρ	15 REC NO	0 IPI NE OF	AT ACCIDENT SITE TATION AT ACCIDENT SI WEATHER CONDITIONS -	

BRIEFS OF ACCIDENTS

BRIEFS OF ACCIDENTS \_\_\_\_\_ FILE DATE LOCATION AIRCRAFT DATA INJURIES FLIGHT PILOT DATA F S M/N PURPOSE COMMERCIAL, AGE 35, 1369 3-0492 4/10/79 NORTH JACKSON, OH BEECH E18S CR- 0 0 1 COMMERCIAL TIME - 1442 N617M PX- 0 0 0 AIR TAXI-CARGO TOTAL HOURS, 106 IN TYPE, DAMAGE-DESTROYED INSTRUMENT RATED. NAME OF AIRPORT - YOUNGSTOWN EXEC DEPARTURE POINT INTENDED DESTINATION NORTH JACKSON, OH FLINT MI TYPE OF ACCIDENT PHASE OF OPERATION HARD LANDING LANDING LEVEL OFF/TOUCHDOWN COLLISION WITH GROUND/WATER CONTROLLED LANDING GO-AROUND PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER LEVEL OFF PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - TOUCH AND GO LANDING REMARKS- ACFT PORPOISED. 3-0653 4/19/79 NORTH JACKSON.0H BEECH TC-45J CR- 0 0 2 COMMERCIAL COMMERCIAL, FL.INSTR., TIME - 1635 N338A PX- 0 0 0 AIR TAXI-CARGO AGE 37. 8119 TOTAL HOURS. DAMAGE-SUBSTANTIAL 4 IN TYPE, INSTRUMENT RATED. NAME OF AIRPORT - YOUNGSTOWN EXEC DEPARTURE POINT INTENDED DESTINATION COLDWATER,MI NORTH JACKSON, OH TYPE OF ACCIDENT PHASE OF OPERATION GROUND-WATER LOOP-SWERVE LANDING ROLL GEAR COLLAPSED LANDING ROLL PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION INADEQUATE MAINTENANCE AND INSPECTION SYSTEMS - FLIGHT CONTROL SYSTEMS RUDDER AND RUDDER TAB CONTROL SYSTEM MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE MISCELLANEOUS ACTS, CONDITIONS - CORRODED/CORROSION MISCELLANEOUS ACTS.CONDITIONS - FRAYED FACTOR(S) MISCELUANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE REMARKS- R RUDDER CABLE SEPARATED.ENDS FRAYED, RUSTY.STRUCK DITCH OFF R SIDE OF RNWY.

ILE	DATE	LOCATION	AIRCRAFT DATA		IURIES SM/N	FLIGHT PURPOSE	ΡI	LOT DATA
2489	5/9/79 NF TIME - 000!	R•BURTON•OH 5	BEECH E18S N438A DAMAGE-DESTROYED			COMMERCIAL AIR TAXI-CARGO	31, 8600	T INSTR., AGE TOTAL HOURS, YPE, INSTRUMENT
			INTENDED DESTINATION					
	YOUNGSTON TYPE OF ACC COLLIDED		PONTIAC,MI	,		F OPERATION IGHT BUZZING		
	PILOT IN	COMMAND - MISJU COMMAND - EXERC	DGED CLEARANCE ISED POOR JUDGMENT TIONS - UNWARRANTED LOW	FLYING				
	PERSONNEL		SUPERVISORY PERSONNEL	INADEQU	ATE SUPE	RVISION OF FLIGH	IT CREW	
	FIRE AFTER REMARKS- 3		FLIGHT AT NIGHT OVER HO	JSE OF	LEADER'S	MOTHER.		
1733	7/25/79 TIME - 2330	CLEVELAND,OH 0	BEECH 95-C55 N5740V DAMAGE-SUBSTANTIAL	PX-		COMMERCIAL AIR TAXI-CARGO	25, 2595	T INSTR., AGE TOTAL HOURS, 30 NOT INSTRUMENT
	DEPARTURE F DETROIT.M TYPE OF ACC	11	INTENDED DESTINATION CLEVELAND.OH			F OPERATION FROM LANDING		
		COMMAND - TAXIE	D/PARKED WITHOUT PROPER D TO SEE AND AVOID OTHEN					
			IES - AIRPORT CONDITION /NOT REPORTED	S WET	RAMP/TAX	IWAY		
	SKY CONDITI	[ON			CEILING	AT ACCIDENT SIT	E	
		NOT REPORTED	<b>_</b>		3000 PRECIPI	TATION AT ACCIDE	NT STTF	
	5 OR OVER	R(UNLIMITED)			RAIN			
	HAZE	NS TO VISION AT	ACCIDENT SITE		WIND D1 230	RECTION-DEGREES		
	WIND VELOCI	TY-KNOTS			TYPE OF VFR	WEATHER CONDITI	ONS	Ű
	TYPE OF FLI	GHT PLAN			VER			
	IFR REMARKS- PI	[PER PA-28,N3978	T.RCVD SUBSTANTIAL DMG.	JIDN'T	SEE OTHE	R ACFT ON WET, UN	ILIT RAMP W WET WINDS	HIELD.

BRIEFS OF ACCIDENTS FILE DATE LOCATION AIRCRAFT DATA INJURIES FLIGHT PILOT DATA PURPOSE F S M/N 3-3529 8/23/79 BLUFFTON, OH PIPER PA-31 CR- 1 0 0 COMMERCIAL ATP, FLIGHT INSTR., AGE N27715 PX- 0 0 0 AIR TAXI-CARGO TIME - 0038 36, 3555 TOTAL HOURS, 500 DAMAGE-DESTROYED IN TYPE. INSTRUMENT RATED. NAME OF AIRPORT - BLUFFTON DEPARTURE POINT INTENDED DESTINATION YPSILANTI,MI BLUFFTON, OH TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER UNCONTROLLED LANDING FINAL APPROACH PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VER FLIGHT INTO ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - SPATIAL DISORIENTATION FACTOR(S) WEATHER - LOW CEILING WEATHER - FOG WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY RADIO WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT SKY CONDITION CEILING AT ACCIDENT SITE OBSCURATION 0 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE ZERO NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE RELATIVE BEARING OF WIND FOG LIGHT AND VARIABLE TEMPERATURE-F TYPE OF WEATHER CONDITIONS 67 BELOW MINIMUMS TYPE OF FLIGHT PLAN NONE FIRE AFTER IMPACT

FILE	DATE LOCATIO		INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
	12/6/79 YOUNGSTOWN TIME - 1820	OH PIPER PA-34 N29257 DAMAGE-SUBSTANTIA	CR- 0 0 1 PX- 0 0 0		COMMERCIAL, FL.INSTR., AGE 25, 2545 TOTAL HOURS, 180 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - YOUN DEPARTURE POINT	NGSTOWN MUNI INTENDED DESTINATION			
	YOUNGSTOWN,∩H TYPE OF ACCIDENT GROUND-WATER LOOP-S¥ GEAR COLLAPSED	FLINT,MI Nerve	TAKÉ	OF OPERATION OFF RUN OFF RUN	
	PILOT IN COMMAND - I PILOT IN COMMAND - F	INADEQUATE PREFLIGHT PREPARA NITIATED FLIGHT IN ADVERSE FAILED TO MAINTAIN DIRECTION	WEATHER CONDIT		
	WEATHER - SNOW	CILITIES - AIRPORT CONDITION			
	AIRPORTS/AIRWAYS/FAC	CONDITIONS - WINDSHIELD,DIRT CILITIES - AIRPORT CONDITION LEFED BY FLIGHT SERVICE PERS	IS OTHER		
	SKY CONDITION OBSCURATION VISIBILITY AT ACCIDENT 2 MILES OR LESS	I SITE	200	G AT ACCIDENT SITE	SITE
	OBSTRUCTIONS TO VISION BLOWING SNOW TEMPERATURE-F	N AT ACCIDENT SITE	RELATI LEFT WIND D	VE BEARING OF WIND QUARTERING HEAD WIND IRECTION-DEGREES	293-337 DEGREES
	34 WIND VELOCITY-KNOTS 6 TYPE OF FLIGHT PLAN		260 TYPE O IFR	F WEATHER CONDITIONS	
	IFR	CONTACT W RWY DRG TKOF,NGT,H	IVY SNWFL.WNDSH	LD PRTLY CVRD W SNW.E	NCTRD SOFT GND OFF RWY.
<del>-</del> 0152	1/4/79 TULSA.OK TIME - 1533	CESSNA 421B N200WL DAMAGE-SUBSTANTIAL	PX- 0 0 5	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 38, 6373 TOTAL HOURS, 94_IN TYPE, INSTRUMENT
	NAME OF AIRPORT - TULS DEPARTURE POINT BROKEN BOW+OK	A INTL INTENDED DESTINATION ⊤ TULSA+0K			RATED.
	TYPE OF ACCIDENT STALL MUSH	TOLSAYON		DF OPERATION - ING FINAL APPROACH	
	FACTOR(S)	AILED TO OBTAIN/MAINTAIN FL		DED LANDING AREA	

FILÈ DATE LOCATION AIRCRAFT DATA INJURIES FLIGHT PILOT DATA F S M/N PURPOSE \_\_\_\_\_ ------3-3539 12/5/79 NR.HARRAH.OK PIPER PA-32 CR- 0 1 0 COMMERCIAL COMMERCIAL, FL.INSTR., TIME - 1720 N4097R PX- 0 1 0 AIR TAXI-PASSG AGE 32, 5658 TOTAL HOURS, 2000 IN TYPE, INSTRUMENT DAMAGE-DESTROYED RATED. DEPARTURE POINT INTENDED DESTINATION OKLAHOMA CITY,OK TAHLEQUAH,OK TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT CLIMB TO CRUISE COLLIDED WITH TREES LANDING FINAL APPROACH PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION INADEQUATE MAINTENANCE AND INSPECTION POWERPLANT - IGNITION SYSTEM MAGNETOS MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE POWERPLANT - ENGINE STRUCTURE OTHER MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEDUT+1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- L MAG COUPLING PIN FAILED, PAWL CONTACTED MAG CASE, GEARS IN MAG DRIVE TRAIN FAILED. AD 78-09-07 NCW. 3-0139 1/20/79 DENDELTON.OR AERO COMDR 680E CR- 0 1 0 COMMERCIAL COMMERCIAL, AGE 40, 1777 TIME - 0138 N6872S PX- 0 0 0 AIR TAXI-CARGO TOTAL HOURS, 679 IN TYPE, DAMAGE-DESTROYED INSTRUMENT RATED. NAME OF AIRPORT - PENDECTON LAST ENROUTE STOP DEPARTURE POINT INTENDED DESTINATION PORTLAND, OR DENDEL TON, OR BOISE,ID PHASE OF OPERATION TYPE OF ACCIDENT COLLISION WITH GROUND/WATER CONTROLLED LANDING INITIAL APPROACH PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IFR OPERATION PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND MISCELLANEOUS ACTS, CONDITIONS - INSTRUMENTS-MISREAD OR FAILED TO READ FACTOR(S) WEATHER - LOW CEILING WEATHER - FOG WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, IN PERSON WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT SKY CONDITION CEILING AT ACCIDENT SITE BROKEN 300 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 2 MILES OR LESS FREEZING DRIZZLE OBSTRUCTIONS TO VISION AT ACCIDENT SITE TE MP ER A TUR E-F FOG 26 WIND DIRECTION-DEGREES WIND VELOCITY-KNOTS 270 3 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN TER IFR REMARKS- ACFT DESCENDED BLW MDA, TWR CLOSED. WINTER WHEAT.

BRIEFS OF ACCIDENTS

ATE LOCATION //2/79 SALEM.OR ME - 2029 ME OF AIRPORT - MCNARY FIEL PARTURE POINT JOHN DAY.OR PE OF ACCIDENT COLLISION WITH GROUND/WATER DBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER CTOR(S) WEATHER - LOW CEILING WEATHER - FOG ATHER BRIEFING - BRIEFED BY ATHER FORECAST - FORECAST S	CESSNA T310R N1316G DAMAGE-DESTROYED INTENDED DESTINATION SALEM.OR CONTROLLED	F S M/N CR- 1 0 0 PX- 2 0 0 PHASE 0		PILOT DATA COMMERCIAL, FL.INSTR., AGE 53, 6736 TOTAL HOURS, 16 IN TYPE, INSTRUMENT RATED.
/12/79 SALEM.OR ME - 2029 ME OF AIRPORT - MCNARY FIEL PARTURE POINT JOHN DAY.OR PE OF ACCIDENT COLLISION WITH GROUND/WATER DBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER CTOR(S) WEATHER - LOW CEILING WEATHER - FOG ATHER BRIEFING - BRIEFED BY	CESSNA T310R N1316G DAMAGE-DESTROYED INTENDED DESTINATION SALEM.OR CONTROLLED	CR- 1 0 0 PX- 2 0 0 PHASE 0	COMMERCIAL AIR TAXI-PASSG IF OPERATION	AGE 53, 6736 TOTAL HOURS, 16 IN TYPE, INSTRUMENT
PARTURE POINT JOHN DAY.OR PE OF ACCIDENT COLLISION WITH GROUND/WATER DBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER CTOR(S) WEATHER - LOW CEILING WEATHER - FOG ATHER BRIEFING - BRIEFED B <sup>N</sup>	NTENDED DESTINATION SALEM.OR CONTROLLED			
PILOT IN COMMAND - IMPROPE CTOR(S) WEATHER - LOW CEILING WEATHER - FOG ATHER BRIEFING - BRIEFED B <sup>V</sup>	R IFR OPERATION			
		DNNEL, BY RADIO	· .	
Y CONDITION DBSCURATION SIBILITY AT ACCIDENT SITE 3/4 MILE OR LESS STRUCTIONS TO VISION AT ACC FOG	IDENT SITE	200 PRECIPI NONE TEMPERA 37		
ND DIRECTION-DEGREES 240 PE OF WEATHER CONDITIONS IFR MARKS- ACFT 1200FT HI AT LC	M,COMMENCED RAPID DES	4 TYPE OF IFR	LOCITY-KNOTS Flight plan	
25/79 PITTSBURGH•PA 4E - 0807	BEECH H18 N135W DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL.INSTR., AGE 27, 3008 TOTAL HOURS, 66 IN TYPE, INSTRUMENT RATED.
PARTURE POINT	NTENDED DESTINATION CHICAGO,IL	TAKEO	FF INITIAL CLIMB	KATED.
PILOT IN COMMAND - INADEQUA MISCELLANEOUS ACTS,CONDITIO TTOR(S) PERSONNEL - MAINTENANCE,SER OWERPLANT - IGNITION SYSTE MISCELLANEOUS ACTS,CONDITIO	ATE PREFLIGHT PREPARAT NS - IMPROPERLY LOADE VICING,INSPECTION IN MAGNETOS INS - IMPROPER ALIGNME ONS - UNAPPROVED MODIF - AIRPORT CONDITIONS INS - OVERLOAD FAILURE	ION AND/OR PLA D AIRCRAFT-WEI ADEQUATE MAINT NT/ADJUSTMENT ICATION SNOW WINDROW	NNING GHT-AND/OR C.G. ENANCE AND INSPECTION	
	ARTURE POINT	E OF AIRPORT - GREATER PITTSBURG ARTURE POINT INTENDED DESTINATION TTSBURGH.PA CHICAGO.IL E OF ACCIDENT GINE FAILURE OR MALFUNCTION EAR COLLAPSED BABLE CAUSE(S) DWERPLANT - MISCELLANEOUS POWERPLANT FAILURE F ILOT IN COMMAND - INADEOUATE PREFLIGHT PREPARAT ISCELLANEOUS ACTS.CONDITIONS - IMPROPERLY LOADE FOR(S) ERSONNEL - MAINTENANCE.SERVICING,INSPECTION IN WERPLANT - IGNITION SYSTEM MAGNETOS ISCELLANEOUS ACTS.CONDITIONS - IMPROPER ALIGNME ISCELLANEOUS ACTS.CONDITIONS - IMPROPER ALIGNME ISCELLANEOUS ACTS.CONDITIONS - UNAPPROVED MODIF IRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS ISCELLANEOUS ACTS.CONDITIONS - OVERLOAD FAILURE	E OF AIRPORT - GREATER PITTSBURG ARTURE POINT INTENDED DESTINATION ITTSBURGH.PA CHICAGO.IL E OF ACCIDENT PHASE O GGINE FAILURE OR MALFUNCTION TAKEO EAR COLLAPSED LANDI BABLE CAUSE(S) DWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINE ILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLA (SCELLANEOUS ACTS,CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIG FOR(S) RSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINT DWERPLANT - IGNITION SYSTEM MAGNETOS (SCELLANEOUS ACTS,CONDITIONS - UNAPPROVED MODIFICATION	E OF AIRPORT - GREATER PITTSBURG ARTURE POINT INTENDED DESTINATION ITTSBURGH,PA CHICAGO,IL E OF ACCIDENT PHASE OF OPERATION GINE FAILURE OR MALFUNCTION TAKEOFF INITIAL CLIMB LANDING LEVEL OFF/TOUCHDOWN BABLE CAUSE(S) OWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS ILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING ISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G. TOR(S) ERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION WERPLANT - IGNITION SYSTEM MAGNETOS ISCELLANEOUS ACTS,CONDITIONS - IMPROPER ALIGNMENT/ADJUSTMENT ISCELLANEOUS ACTS,CONDITIONS - OWERDARD MODIFICATION IRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SNOW WINDROWS ISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

BRIEFS OF ACCIDENTS

				S OF ACCIDENTS		
FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
; <b>-</b> 0964	1/31/79 TIME - 1	READING,PA 026	BEECH C45 N346V DAMAGE-SUBSTANTIAL	CR- 0 1 1		ATP,FLIGHT INSTR., AGE 30, 3003 TOTAL HOURS, 40 IN TYPE, INSTRUMENT RATED.
	DEPARTUR NEWBUR	AIRPORT - READING MU E POINT GH,NY	JNI INTENDED DESTINATION JAMAICA,NY	LAST EN READI	NG,PA	
	TYPE OF WHEELS				F OPERATION NG LEVEL OFF/TOUCHDOW	IN
	AIRFRA AIRFRA	ME - LANDING GEAR LANEOUS ACTS,CONDIT	NORMAL RETRACTION/EXTEM EMERGENCY/EXTENSION ASS IONS - DISCONNECTED			
	PILOT MISCEL	IN COMMAND - SELECT ANEOUS ACTS₊CONDIT	ED WRONG RUNWAY RELATIV IONS - DOWNWIND NDETERMINED REASON.EMER			
-0663	2/23/79 TIME - 2	LATROBE,PA 340	BEECH E18S N342T DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL.INSTR AGE 44, 2700 TOTAL HOURS 510 IN TYPE, INSTRUMENT RATED.
	DEPARTUR	AIRPORT - LATROBE E POINT STON,WV	INTENDED DESTINATION			
		ACCIDENT -WATER LOOP-SWERVE ED WITH SNOWBANK		TAKEO	F OPERATION FF RUN NG ROLL	
	PILOT FACTOR(S AIRPOR	) TS/AIRWAYS/FACILITI	ER OPERATION OF POWERPU	S SNOW WINDROW	S	
	REMARKS-	PILOT ADDED PWR TO	ABORT LANDING. ASYMMET	RICAL PWR. WIN	D GUSTING 25 KTS.	

FILE	DATE	LOCATION	AIRCRAFT DATA	IN	-	ES M/N		FLIGHT PURPOSE	PILOT DATA
3-1013	5/11/79 TIME - 20		BEECH 18S N3787B DAMAGE-SÜBSTANTIAL	CR- PX-	-			MMERCIAL R TAXI-CARGO	ATP,FLIGHT INSTR., AGE 54, 6885 TOTAL HOURS, 250 IN TYPE, INSTRUMENT RATED.
	DEPARTURE GAINSVI TYPE OF A	LLE,GA	INTY INTENDED DESTINATION BUFFALO,NY					PERATION Roll	
	FACTOR(S)		TO MAINTAIN DIRECTIONA	L CON	TROL				
	VISIBILIT	TION /NOT REPORTED Y AT ACCIDENT SITE ER(UNLIMITED)			PR	5000	ΙΤΑΤ	ACCIDENT SITE ION AT ACCIDENT SITI	E
	OBSTRUCT I NONE	ONS TO VISION AT A	CCIDENT SITE		RE	LATI LEFT	VE BI CROS	EARING OF WIND SS WIND 248-292 DEGF ITY-KNOTS	REES
	180					15			

BRIEFS OF ACCIDENTS

	-		BRIEFS	S OF ACCIDENTS		
FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N		PILOT DATA
3-2966	6/29/79 TIME - 061	SLATINGTON,PA 3	BEECH C45H N281M DAMAGE-DESTROYED	CR- 0 0 2 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL.INSTR., AGE 37, 6042 TOTAL HOURS 2000 IN TYPE, INSTRUMENT RATED.
	CHARLEST TYPE OF AC		INTENDED DESTINATION ALLENTOWN,PA		F OPERATION NG INITIAL APPROACH	
	FACTOR(S) WEATHER WEATHER WEATHER BE	N COMMAND - IMPROP - LOW CEILING - FOG RIEFING - BRIEFED	ER IFR OPERATION BY FLIGHT SERVICE PERS SUBSTANTIALLY CORRECT	DNNEL, IN PERSO	N	
			•	400	AT ACCIDENT SITE TATION AT ACCIDENT S	ITE
		INS TO VISION AT A	CCIDENT SITE	TEMPERA 58	TURE-F WEATHER CONDITIONS	
	TYPE OF FL IFR FIRE AFTER	IMPACT	BETHLEHEM EASTON ARPT.			

	DATE LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
-3692	8/30/79 MIDDLETOWN.PA TIME - 0600	BEECH 58 N868AF DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	ATP,FLIGHT INSTR., AGE 47, 13000 TOTAL HOURS, 300 IN TYPE, INSTRUMEN RATED.
	NAME OF AIRPORT - HARRISBU DEPARTÜRE POINT PHILADELPHIA.PA	RG INTL INTENDED DESTINATION MIDDLETOWN,PA			
	TYPE OF ACCIDENT COLLIDED WITH TREES			F OPERATION NG FINAL APPROACH	
	PROBABLE CAUSE(S) PILOT IN COMMAND - IMPRO FACTOR(S)	PER IFR OPERATION			
	PILOT IN COMMAND - DIVER WEATHER - LOW CEILING WEATHER - FOG	TED ATTENTION FROM OPER.	ATION OF AIRCRA	FT	
	WEATHER BRIEFING - NO RECO WEATHER FORECAST - UNKNOWS				
	SKY CONDITION BROKEN		500	AT ACCIDENT SITE	
	VISIBILITY AT ACCIDENT SIT 2 MILES OR LESS OBSTRUCTIONS TO VISION AT		PRECIPI NONE TEMPERA	TATION AT ACCIDENT SITE	
	FOG WIND VELOCITY-KNOTS CALM	•	72	WEATHER CONDITIONS	
	TYPE OF FLIGHT PLAN IFR				
		HILL 1.8 MILES FM RWY	THRESHOLD.NOSE	BAGGAGE DOOR FOUND IN 1	UNLOCKED POSITION.
-2155	IFR FIRE AFTER IMPACT	HILL 1.8 MILES FM RWY PIPER PA-23	THRESHOLD.NOSE		JNLOCKED POSITION. ATP,FLIGHT INSTR., AGE
-2155	IFR FIRE AFTER IMPACT REMARKS- STRUCK TREES ON A		CR- 0 0 1		
-2155	IFR FIRE AFTER IMPACT REMARKS- STRUCK TREES ON A 8/5/79 NEWPORT.RI TIME - 1400 NAME OF AIRPORT - NEWPORT DEPARTURE POINT	PIPER PA-23 N62664 DAMAGE-SUBSTANTIAL STATE INTENDED DESTINATION	CR- 0 0 1	COMMERCIAL	ATP,FLIGHT INSTR., AGE 23, 1691 TOTAL HOURS, 4 IN TYPE, INSTRUMENT
-2155	IFR FIRE AFTER IMPACT REMARKS- STRUCK TREES ON A 8/5/79 NEWPORT.RI TIME - 1400 NAME OF AIRPORT - NEWPORT	PIPER PA-23 N62664 DAMAGE-SUBSTANTIAL STATE INTENDED DESTINATION BRIDGEPORT,CT	CR- 0 0 1 PX- 0 0 4 PHASE 0 TAKE0	COMMERCIAL	ATP,FLIGHT INSTR., AGE 23, 1691 TOTAL HOURS, 4 IN TYPE, INSTRUMENT
-2155	IFR FIRE AFTER IMPACT REMARKS- STRUCK TREES ON A 8/5/79 NEWPORT.RI TIME - 1400 NAME OF AIRPORT - NEWPORT DEPARTURE POINT NEWPORT.RI TYPE OF ACCIDENT ENGINE FAILURE OR MALFUN GEAR COLLAPSED PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOU	PIPER PA-23 N62664 DAMAGE-SUBSTANTIAL STATE INTENDED DESTINATION BRIDGEPORT,CT CTION US POWERPLANT FAILURE I	CR- 0 0 1 PX- 0 0 4 PHASE 0 TAKE0 TAKE0 FOR UNDETERMINE	COMMERCIAL AIR TAXI-PASSG F OPERATION FF RUN FF ABORTED	ATP,FLIGHT INSTR., AGE 23, 1691 TOTAL HOURS, 4 IN TYPE, INSTRUMENT
-2155	IFR FIRE AFTER IMPACT REMARKS- STRUCK TREES ON A 8/5/79 NEWPORT.RI TIME - 1400 NAME OF AIRPORT - NEWPORT DEPARTURE POINT NEWPORT.RI TYPE OF ACCIDENT ENGINE FAILURE OR MALFUN GEAR COLLAPSED PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOU PILOT IN COMMAND - DELAYI FACTOR(S) POWERPLANT - IGNITION SYS	PIPER PA-23 N62664 DAMAGE-SUBSTANTIAL STATE INTENDED DESTINATION BRIDGEPORT,CT CTION US POWERPLANT FAILURE I ED ACTION IN ABORTING TA STEM SPARK PLUG	CR- 0 0 1 PX- 0 0 4 PHASE 0 TAKE0 TAKE0 FOR UNDETERMINE AKEOFF	COMMERCIAL AIR TAXI-PASSG F OPERATION FF RUN FF ABORTED	ATP,FLIGHT INSTR., AGE 23, 1691 TOTAL HOURS, 4 IN TYPE, INSTRUMENT
-2155	IFR FIRE AFTER IMPACT REMARKS- STRUCK TREES ON A 8/5/79 NEWPORT.RI TIME - 1400 NAME OF AIRPORT - NEWPORT DEPARTURE POINT NEWPORT.RI TYPE OF ACCIDENT ENGINE FAILURE OR MALFUN GEAR COLLAPSED PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOU PILOT IN COMMAND - DELAYU FACTOR(S)	PIPER PA-23 N62664 DAMAGE-SUBSTANTIAL STATE INTENDED DESTINATION BRIDGEPORT,CT CTION US POWERPLANT FAILURE I ED ACTION IN ABORTING T STEM SPARK PLUG TIONS - CARBON DEPOSITS TIONS - MATERIAL FAILURE TIONS - RAN OFF END OF 1	CR- 0 0 1 PX- 0 0 4 PHASE 0 TAKE0 TAKE0 TAKE0 FOR UNDETERMINE AKEOFF	COMMERCIAL AIR TAXI-PASSG F OPERATION FF RUN FF ABORTED	ATP,FLIGHT INSTR., AGE 23, 1691 TOTAL HOURS, 4 IN TYPE, INSTRUMENT

BRIEFS OF ACCIDENTS

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BRIEFS OF ACCIDENTS \_\_\_\_\_ AIRCRAFT DATA INJURIES FILE DATE LOCATION FLIGHT PILOT DATA F S M/N PURPOSE 
 BEECH D18S
 CR O
 O
 2
 COMMERCIAL

 N646B
 PX O
 O
 AIR
 TAXI-CARGO
 3-3103 9/28/79 SUMTER,SC COMMERCIAL, AGE 55, 4690 TIME - 1131 TOTAL HOURS, 1567 IN DAMAGE-SUBSTANTIAL TYPE. INSTRUMENT RATED. NAME OF AIRPORT - SHAW AFB DEPARTURE POINT INTENDED DESTINATION SUMTER, SC COLUMBIA, SC TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION TAKEOFF INITIAL CLIMB GEAR COLLAPSED TAKEOFF ABOR TED PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT FIRE AFTER IMPACT REMARKS- PLT ABORTED TKEOFF AFTER LIFTOFF FOL MOMENTARY POWER INTERRUPTION ON ONE ENG. 3-0339 1/15/79 PARIS.TN PIPER PA-32 CR- 0 1 0 COMMERCIAL COMMERCIAL, FL.INSTR., PX- 0 0 1 AIR TAXI-CARGO AGE 25, 6800 TOTAL HOURS, TIME - 1912 N4815S 3000 IN TYPE, INSTRUMENT DAMAGE-DESTROYED RATED. DEPARTURE POINT INTENDED DESTINATION MAYSVILLE,KY PARIS, TN TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT DESCENDING LANDING FINAL APPROACH COLLIDED WITH WIRES/POLES PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING MISCELLANEOUS ACTS.CONDITIONS - MISCALCULATED FUEL CONSUMPTION PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS, CONDITIONS - FUEL EXHAUSTION COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

			BRIEFS	S OF AC	CIDENTS			
FILE	DATE LOCA	ATION	AIRCRAFT DATA	F	S M/N	FLIGHT PURPOS	E	PILOT DATA
3-1047	5/4/79 SEVIERVI TIME - 1130 NAME OF AIRPORT - S DEPARTURE POINT	SEVIER-GATLI IN	N123SM DAMAGE-SUBSTANTIAL NBURG TENDED DESTINATION	CR- PX-	0 0 1	COMMERCIA		COMMERCIAL, AGE 32, 1995 TOTAL HOURS, 420 IN TYPE, INSTRUMENT RATED.
	KNOXVILLE,TN TYPE OF ACCIDENT UNDERSHOOT GEAR COLLAPSED		SEVIERVILLE,TN		LANDIN	FOPERATION NG FINAL NG ROLL		
	FACTOR(S) AIRPORTS/AIRWAYS/ MISCELLANEOUS ACT	/FACILITIES FS+CONDITION	DISTANCE AND ALTITU - AIRPORT CONDITIONS S - OVERLOAD FAILURE DRAINAGE DITCH AFTER	5 отне ≣		<b>'</b> •	•	
3-0439	1/19/79 AMARILLO TIME - 0015		PIPER PA-24 N6999P DAMAGE-SUBSTANTIAL			COMMERCIA AIR TAXI-		COMMERCIAL, AGE 30, 1520 TOTAL HOURS, 48 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - T DEPARTURE POINT CLOVIS,NM TYPE OF ACCIDENT OVERSHOOT COLLIDED WITH FE	IN	TENDED DESTINATION AMARILLO,TX STS		LANDIN	: OPERATION NG LEVEL ( NG ROLL	N OFF/TOUCHDOWN	
	PROBABLE CAUSE(S) PILOT IN COMMAND FACTOR(S)	- MISJUDGED	DISTANCE, SPEED, AND	ALTITU		RUNWAY		

				S OF ACCIDENTS					
FILE		LOCATION	AIRCRAFT DATA	INJURIES F S M/N		PILOT DATA			
3-0534	2/23/79	NR•CLAUDE•TX D26	PIPER PA-31	CR- 0 1 C PX- 0 1 0		AIRLINE TRANSPORT, AGE			
	DEPARTUR	E POINT I	NTENDED DESTINATION						
	HOUMA,	T	AMARILLO, TX	DUACE					
	TYPE OF ENGINE	FAILURE OR MALFUNCTI	nN		OF OPERATION LIGHT NORMAL CRUISE				
		ED WITH FENCE, FENCEP			ING ROLL				
	PROBABLE	CAUSE(S)							
		IN COMMAND - INADEQUA		ION AND/OR PL	ANNING				
		IN COMMAND - MISMANAG LANEOUS ACTS,CONDITID		UEL SUPPLY					
	MISCEL	LANEOUS ACTS, CONDITIO							
	FACTOR (S	) N - HIDDEN OBSTRUCTIO	NC						
		OWER LOSS - PARTIAL		SINE					
		POWER LOSS - COMPLET							
	EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- PLT FAILED TO CHECK QUANITY OF FUEL IN TANKS PRIOR TO TAKEOFF.								
		•							
3-0168					COMMERCIAL	COMMERCIAL, AGE 64, 20850			
	TIME - 13	207	N3322Q DAMAGE-SUBSTANTIAL	PX- 0 0 0	AIR TAXI-PASSG	TOTAL HOURS, 1230 IN TYPE, INSTRUMENT RATED.			
	NAME OF	AIRPORT - EL PASO INT				TIFE, INSTRUMENT RATED.			
		POINT I							
	EL PASO TYPE OF		SILVER CITY NM	рнисе	OF OPERATION				
		EXPLOSION IN FLIGH	T ·		LIGHT CLIMB TO CRUISE				
	PROBABLE	CAUSE(S)			·				
	POWERP	CAUSE(S) LANT - EXHAUST SYSTEM	,		·				
	POWERP	ANT - EXHAUST SYSTEM ANEOUS ACTS,CONDITIO	,	·	·				
	POWERP MISCEL FACTOR(S	ANT - EXHAUST SYSTEM ANEOUS ACTS,CONDITIO	NS - MATERIAL FAILURE						

FILE	DATE	LOCATION		IN	JUR F	IES S M/	N	FLIGHT PURPOSE	PILOT DATA
-2620	4/26/79 NR TIME - 1600 NAME OF AIR	SABINE PASS,TX	N90049 DAMAGE-SUBSTANTIAL COUNTY	CR-	0	0	1	COMMERCIAL	COMMERCIAL, AGE 33, 4304 TOTAL HOURS, 58 IN TYPE, NOT INSTRUMENT RATED.
	TYPE OF ACC	IDENT VROTOR FAILURE T	INTENDED DESTINATION GULF OF MEXICO TAIL ROTOR		Ρ	IN	FL	OPERATION GHT NORMAL CRUISE G POWER-ON LANDING	
	ROTORCRAF MISCELLANI FACTOR(S)	- PRODUCTION-DES - ROTOR ASSEMBLE EQUIS ACTS,CONDITI	IGN-PERSONNEL POOR/IN IES OTHER ONS - VIBRATION,EXCESS ONS - SEPARATION IN FL	IVE	ATE	DES	IGI		
	EMERGENCY C	D I SU	FCAUTIONARY LANDING ON RECTIONAL CONTROL PROE ISPECTED OR KNOWN AIRCE	LEM AFT D	ΔΜΔ	GE			
	REMARKS- FEI	VESTRON GEARBOX S	UPPORT RING FAILED.EME	RG PR	00	FOR	LOS	S OF YAW CNTL ON SKI	D EQPD ACFT NOT PRVDD.
-0794	6/4/79 [ TIME - 1800		BEECH 436 N969SD DAMAGE-SUBSTANTIAL	CR- PX-	0 0	0 0	1 3	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 27, 1734 TOTAL HOURS, 134 IN TYPE INSTRUMENT RATED.
		PORT - THREE SIDE DINT DENT	S INTENDED DESTINATION LOCAL		п		0.0		
	GROUND-WAT	FER LOOP-SWERVE			Р	ΤΔΚ	EOF	OPERATION F RUN F INITIAL CLIMB	
		COMMAND - PREMATL	RE LIFT-OFF To obtain/maintain fly	ING S∣	PEE	D			
	AIRPORTS/	IRWAYS/FACILITIE ROUGH/UNEVEN	S - AIRPORT CONDITIONS	WET	RU	NWAY			
	8/14/79 ( TIME - 1130		CESSNA 402 N8138F DAMAGE-SUBSTANTIAL					COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 20, 2340 TOTAL HOURS, 74 IN TYPE, INSTRUMENT RATED.
-2141	1100		<b>c</b> '					-	
-2141	NAME OF AIRF	IDENT	INTENDED DESTINATION LOCAL		Ρ			OPERATION TO TAKEOFF	

FILE								
		AIRCRAFT DATA	F		5 M/	Ņ	PURPOSE	PILOT DATA
	8/18/79 HOUSTON,TX TIME - 1630		CR-	0	0	1	COMMERCIAL	COMMERCIAL, FL.INSTR., AGE 31, 2228 TOTAL HOURS 745 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT HOUSTON,TX TYPE OF ACCIDENT COLLIDED WITH WIRES/F	INTENDED DESTINATION GALVESTON+TX POLES					- OPERATION AERIAL TAXI TO TAKEOFF	
	PROBABLE CAUSE(S) PILOT IN COMMAND - MIS REMARKS- TAIL ROTOR STRU	GJUDGED CLEARANCE JCK WIRE DRG HOVER TAXI UNI	DER WIR	٤E.				
-2622	10/5/79 HOUSTON,TX TIME - 1643	HUGHES 369D N58193 DAMAGE-SUBSTANTIAL	РХ <del>-</del>				COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 33, 1203 TOTAL HOURS, 486 IN TYPE NOT INSTRUMENT RATED.
	DEPARTURE POINT HOUSTON,TX TYPE OF ACCIDENT ENGINE FAILURE OR MALF ROLL OVER	INTENDED DESTINATION LOCAL		P٢	IN	FL	- OPERATION IGHT NORMAL CRUISE NG POWER-OFF AUTOROTATIV	
	PILOT IN COMMAND - MIS MISCELLANEOUS ACTS.COM PILOT IN COMMAND - MIS COMPLETE POWER LOSS - CO	ADEQUATE PREFLIGHT PREPARA MANAGEMENT OF FUEL NDITIONS - FUEL EXHAUSTION SJUDGED DISTANCE AND ALTITU DMPLETE ENGINE FAILURE/FLAU - FORCED LANDING OFF AIRPO	JDE MEOUT-1	LEM	NGI		NNING	
-3670	10/18/79 TYLER,TX TIME - 1945 DEPARTURE POINT	N4697K DAMAGE-SUBSTANTIAL INTENDED DESTINATION					COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 20, 1522 TOTAL HOURS, 981 IN TYPE INSTRUMENT RATED.
						0	FOPERATION	
	TYLER,TX TYPE OF ACCIDENT ENGINE FAILURE OR MALF COLLIDED WITH TREES	UNCTION			ΙN		IGHT NORMAL CRUISE NG ROLL	
	TYLER,TX TYPE OF ACCIDENT ENGINE FAILURE OR MALF COLLIDED WITH TREES PROBABLE CAUSE(S) PERSONNEL - PRODUCTION POWERPLANT - FNGINE ST TERRAIN - HIGH OBSTRUC PARTIAL POWER LOSS - PAF EMERGENCY CIRCUMSTANCES	UNCTION N-DESIGN-PERSONNEL POOR/II FRUCTURE CYLINDER ASSEMBL	Y GINE DRT ON	TE	IN LAP	DI	NG ROLL	-
	TYLER,TX TYPE OF ACCIDENT ENGINE FAILURE OR MALF COLLIDED WITH TREES PROBABLE CAUSE(S) PERSONNEL - PRODUCTION POWERPLANT - FNGINE ST TERRAIN - HIGH OBSTRUC PARTIAL POWER LOSS - PAF EMERGENCY CIRCUMSTANCES	UNCTION -DESIGN-PERSONNEL POOR/IM FRUCTURE CYLINDER ASSEMBL CTIONS ATIAL LOSS OF POWER - 1 EM - FORCED LANDING OFF AIRPO	Y GINE DRT ON	TE	IN LAP	DI	NG ROLL	-

FILE	DATE				S M/N	PURPOSE	PILOT NATA
	9/19/79 CHAN TIME - 0945 DEPARTURE POINT CLINTON.MD TYPE OF ACCIDEN ENGINE FAILUR HARD LANDING	MPLAIN•VA - JT	N421FH DAMAGE-SUBSTANTIAL INTENDED DESTINATION RICHMOND,VA	CR- 0 PX- 0	0 1 1 0 HASE ( IN FL	COMMERCIAL AIR TAXI-PASSG F OPERATION IGHT NORMAL CRUISE NG POWER-OFF AUTOROTA	COMMERCIAL, AGE 38, 1500 TOTAL HOURS, 700 IN TYPE, NOT INSTRUMENT RATED. TIVE LANDING
3-1837	MISCELLANEOUS MISCELLANEOUS MISCELLANEOUS PARTIAL POWER L EMERGENCY CIRCU	AAND - MISMAN ACTS,CONDIT ACTS,CONDIT ACTS,CONDIT - EVASIVE MU LOSS - PARTIA JMSTANCES - FO AUJTOROTATIO	AGEMENT OF FUEL IONS - MISCALCULATED F IONS - FUEL EXHAUSTION ANEUVER TO AVOID COLLI L LOSS OF POWER - 1 EN DRCED LANDING OFF AIRP N PLT SAW POWERLINE & AERD COMDR 114 N5873N	SION GINE DRT ON LA ATTEMPTED CR- 2	ND TO GL O O		COMMERCIAL, AGE 31, 2700 Total Hours, 1550 IN
	DEPARTURE POINT WENATCHEE,WA TYPE OF ACCIDEN STALL		DAMAGE-DESTROYED INTENDED DESTINATION SEATTLE,WA	· ·	HASE C	F OPERATION IGHT OTHER	TYPE, NOT INSTRUMENT RATED.

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			BRIEF	S OF ACCIDENTS		
	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT	PILOT DATA
	8/3/79 NR TIME - 0940 DEPARTURE P PORT ANGEL TYPE UF ACC COLLISION PROBABLE CA MISCELLAN FACTOR(S) WEATHER - SKY CONDITI UNKNOWN/N VISIBILITY UNKNOWN/N OBSTRUCTION UNKNOWN/N TYPE OF FLI NONE	OINT IN ES.WA IDENT WITH GROUND/WATER WUSE(S) HEOUS - UNDETERMINED FOG ON NOT REPORTED AT ACCIDENT SITE IOT REPORTED IS TO VISION AT ACCI GHT PLAN	CESSNA 172N N733LC DAMAGE-DESTROYED NTENDED DESTINATION SEATTLE.WA CONTROLLED	CR- 0 1 0 PX- 0 0 0 PHASE 0 IN FL CEILING UNKNO PRECIPI UNKNO TYPE OF UNKNO	COMMERCIAL	ATP,FLIGHT INSTR., AGE 33, 3096 TOTAL HOURS, 277 IN TYPE, INSTRUMENT RATED.
3-2673	TIME - 1108 NAME OF AIR DEPARTURE F MONTEREY, TYPE OF ACC COLLIDED PROBABLE CA DUAL STUC PILOT IN MISCELLAN	PORT - TAGGARES OINT I' CA IDENT WITH OBJECT USE(S) DENT - MISJUDGED CLE COMMAND - FAILED TO IEOUS ACTS,CONDITION	LEAR JET 23 NGGJ DAMAGE-SUBSTANTIAL NTENDED DESTINATION OTHELLO,WA EARANCE FOLLOW APPROVED PRO NS - NOT ALIGNED WITH NGD NOSE GR TRUNNION	PX- 0 0 0 PHASE O LANDII DCEDURES, DIRECT H RUNWAY/INTEND	AIR TAXI-PASSG F OPERATION NG ROLL IVES,ETC. ED LANDING AREA	ATP,FLIGHT INSTR., AGE 28, 4503 TOTAL HOURS, 873 IN TYPE, INSTRUMENT RATED.

FILE		LOCATION	AIRCRAFT DATA		F	S M/	N		PILOT DATA
		LEY,WV	CESSNA 3100 N76710 DAMAGE-SUBSTANTIAL	CR- PX-	0	0	2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 48, 10270 TOTAL HOURS, 57 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT DEPARTURE POINT CHESTERFIELD, TYPE OF ACCIDEN HARD LANDING	VA	DUNTY INTENDED DESTINATION BECKLEY,WV		Ρ			OPERATION G LEVEL OFF/TOUCHDOW	N
	PROBABLE CAUSE( PILOT IN COMM FACTOR(S) MISCELLANEOUS REMARKS- RATED	AND - IMPROP ACTS,CONDIT	IONS - AIRFRAME ICE						
-2037	5/25/79 CHAR TIME - 2317	LESTON,WV	BEECH D-18 N1812D DAMAGE-DESTROYED					COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 61, 792 TOTAL HOURS, 1800 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT DEPARTURE POINT CHARLOTTE.NC TYPE OF ACCIDEN ENGINE FAILUR COLLISION WIT	T E DŔ MALFUNC	INTENDED DESTINATION YOUNGSTOWN.OH		PI	IN	FĹI	OPERATION GHT NORMAL CRUISE G FINAL APPROACH	
	PILOT IN COMM FACTOR(S) POWERPLANT - MISCELLANEOUS MISCELLANEOUS WEATHER - LOW PARTIAL POWER L WEATHER BRIEFIN WEATHER FORECAS	AND - ATTEMP AND - IMPROPI LUBRICATING ACTS.CONDIT ACTS.CONDIT CFILING DSS - PARTIA G - BRIEFED I - FORECAST	TED OPERATION W/KNOWN O ER IFR OPERATION SYSTEM LINES,HOSES,FIT IONS - LEAK/LEAKAGE IONS - PILOT FATIGUE LOSS OF POWER - 1 ENG BY FLIGHT SERVICE PERSO SUBSTANTIALLY CORRECT DRCED LANDING OFF AIRPO	TING	ВΥ	РНО		EQUIPMENT	
	SKY CONDITION OVERCAST VISIBILITY AT A 4 MILES OR LE OBSTRUCTIONS TO FOG	SS	CCIDENT SITE		P	800 RECI DRI	P I 1 Z Z L	AT ACCIDENT SITE ATION AT ACCIDENT SIT E, RAIN SHOWERS URE-F	E
	WIND DIRECTION- 270 TYPE OF WEATHER IFR					IND 10		OCITY-KNOTS FLIGHT PLAN	

			BRIEF	S OF ACCIDENTS		
FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2656	6/28/79 TIME - 1		CESSNA 310L N3288X DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 37, 6410 TOTAL HOURS 2150 IN TYPE, INSTRUMENT RATED.
	DEPARTUR HUNTIN TYPE OF GROUND GEAR O PROBABLE AIRFRA	IGTON,WV ACCIDENT -WATER LOOP-SWERVE COLLAPSED CAUSE(S)	INTENDED DESTINATION SUMMERVILLE,WV RAKING SYSTEM (NORMAL	LANDI LANDI	F OPERATION NG ROLL NG ROLL	
	MISCEL FACTOR(S MISCEL	LANEOUS ACTS,CONDITI	DNS – WARPED DNS – OVERLOAD FAILURE	:		
3-3232	TIME - 2 DEPARTUR MILWAU TYPE OF	NR.CLINTONVILLE.WI 2300 JKEE.WI ACCIDENT AME FAILURE IN FLIGH	N847U DAMAGE-SUBSTANTIAL INTENDED DESTINATION CLINTONVILLE,WI	PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO F OPERATION NG FINAL APPRDACH	STUDENT, AGE 37, 2000 TOTAL HOURS, INSTRUMENT RATED.
	PROBABLE PILOT PERSON FACTOR(S AIRFRA SYSTEM MISCEL	E CAUSE(S) IN COMMAND - INADEQU INEL - MAINTENANCE,SE S) AME - FUSELAGE DOORS AS - ELECTRICAL SYSTE LANEOUS ACTS,CONDITI	ATE PREFLIGHT PREPARAT RVICING,INSPECTION IN ,DOOR FRAMES	ION AND/OR PLAN NADEQUATE MAINT ENT/ADJUSTMENT	NNING ENANCE AND INSPECTION	

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FILE	DATE	LOCATION	AIRCRAFT DATA	F	S M/N	PURPOSE		PILOT DATA
	3/27/79 NR TIME - 1604	.LANDER.WY	PIPER PA-34 N2257M DAMAGE-DESTROYED					AIRLINE TRANSPORT, AGE 33, 3400 TOTAL HOURS, 550 IN TYPE, INSTRUMENT RATED.
	DEPARTURE P( CASPER.WY TYPE OF ACC COLLISION		INTENDED DESTINATION AFTON,WY ER CONTROLLED			)F OPERATION LIGHT NORMA		
	FACTOR(S) PILOT IN ( WEATHER -	COMMAND — CONTINU Command — Inadequ SNOW	JED VFR FLIGHT INTO AD	TION AND	/OR PL	NNING		
	WEATHER - WEATHER BRIN WEATHER FORM	DOWNDRAFT,UPDRAF FING - NO RECORD	OF BRIEFING RECEIVED SUBSTANTIALLY CORRECT	R THUNDE	RSTORM:	5		
	UNKNOWN/NI	AT ACCIDENT SITE DT REPORTED 5 TO VISION AT AC NOW	CIDENT SITE		UNKN PRECIP SNOW	G AT ACCIDEN DWN/NOT REPO TATION AT A SNOW SHOWE WEATHER CO	RTED CCIDENT SITE RS	
	NONE		CLOUDS.HIT MTN 12800	FT MSL.R	ECOVERN	′ DATE 3/29/1	79.	
•3140	TIME - UNK/	NR .	AERO COMDR 500 N3815C DAMAGE-DESTROYED			COMMERCIAL AIR TAXI-P.		COMMERCIAL, AGE 36, 623 TOTAL HOURS, 102 IN TYPE, INSTRUMENT RATED.
	ANDROS ISU TYPE OF ACC	AND.BAHAMA	INTENDED DESTINATION WEST PALM BEACH,FL ERED			DF OPERATION WN/NOT REPOR	RTED	
	FACTOR(S) WEATHER -	EOUS - UNDETERMIN THUNDERSTORM ACT						
	VISIBILITY A UNKNOWN/NO OBSTRUCTIONS	OT REPORTED NT ACCIDENT SITE OT REPORTED S TO VISION AT AC OT REPORTED	CIDENT SITE		UNKNO PRECIPI UNKNO TYPE OF	AT ACCIDEN WN/NOT REPO TATION AT A WN/NOT REPO WEATHER COM WN/NOT REPO	RTED CCIDENT SITE RTED NDITIONS	

BRIEFS OF ACCIDENTS FILE DATE LOCATION AIRCRAFT DATA INJURIES FLIGHT PILOT DATA F S M/N PURPOSE ------3-0447 2/25/79 PONCE.PR AEROSTAR 600A CR- 0 0 1 COMMERCIAL COMMERCIAL, AGE 36, 3585 TIME - 2355 N8077J PX- 0 0 2 AIR TAXI-PASSG TOTAL HOURS, 1000 IN TYPE, INSTRUMENT RATED. DAMAGE-SUBSTANTIAL NAME OF AIRPORT - MERCEDITA DEPARTURE POINT INTENDED DESTINATION SAN JUAN.P.R. PONCE, PR TYPE OF ACCIDENT PHASE OF OPERATION MISCELLANEOUS LANDING LEVEL OFF/TOUCHDOWN . PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS EACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT FACILITIES RUNWAY LIGHTING 3-3088 11/5/79 TAU, AMER SAMDA DEHAVILLAND DHC-6 CR- 0 0 2 COMMERCIAL ATP.FLIGHT INSTR., AGE TIME - 1703 N23BC PX- 0 1 15 AIR TAXI-PASSG 40. 6979 TOTAL HOURS. DAMAGE-DESTROYED 1073 IN TYPE, INSTRUMENT . RATED. NAME OF AIRPORT - TAU DEPARTURE POINT INTENDED DESTINATION PAGO PAGO, AMER SAMOA TAU, AMER SAMOA PHASE OF OPERATION TYPE OF ACCIDENT LANDING LEVEL OFF/TOUCHDOWN HARD LANDING LANDING: GO-AROUND COLLIDED WITH TREES PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER LEVEL OFF PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING FACTOR(S) COPILOT - FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC. REMARKS- COPILOT DID NOT CALL OUT LOW AIRSPEED ON FINAL. 3-2839 5/17/79 NR.TREASURE CAY, BAHM AERO COMDR 500 CR- 0 0 1 COMMERCIAL COMMERCIAL, AGE 34, 3770 TIME - 1715 N3836C PX- 0 0 0 AIR TAXI-PASSG TOTAL HOURS, 1077 IN DAMAGE-DESTROYED TYPE, INSTRUMENT RATED. DEPARTURE POINT INTENDED DESTINATION TREASURE CAY, BAHAMAS ANDROS TOWN, BAHAMAS TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION TAKEOFF INITIAL CLIMB DITCHING LANDING LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC. MISCELLANEOUS ACTS, CONDITIONS - IMPROPER EMERGENCY PROCEDURES FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER REMARKS- HIT TREES NEAR RWY AFTR ENG FAILURE.UN MAINTAIN ALTITUDE, DITCHED IN INTL WATERS.

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NTSB Briefs of Accidents in-AMM volving Commuter Air 81-11 Carriers and On-demand c.1 Air Taxi Operations 1979



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Official Business

PENALTY FOR PRIVATE USE, \$300

POSTAGE AND FEES PAID NATIONAL TRANSPORTATION SAFETY BOARD



## **THIRD CLASS**