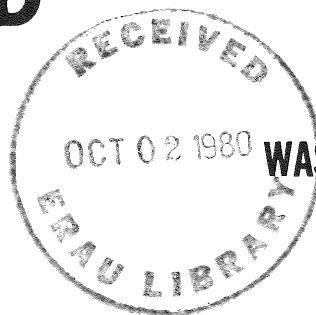


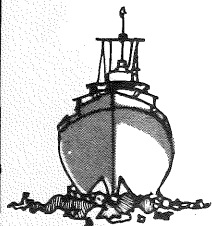
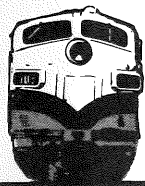
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# NATIONAL TRANSPORTATION SAFETY BOARD



WASHINGTON, D.C. 20594



## BRIEFS OF ACCIDENTS INVOLVING COMMUTER AIR CARRIERS AND ON-DEMAND AIR TAXI OPERATIONS



U.S. GENERAL AVIATION  
1978

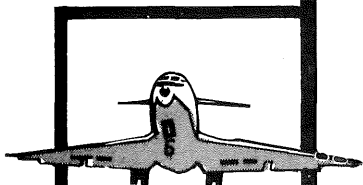
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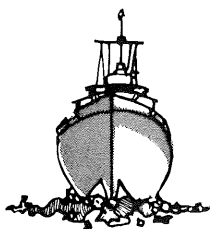
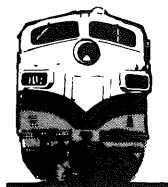
UNITED STATES GOVERNMENT



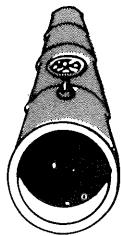


# **NATIONAL TRANSPORTATION SAFETY BOARD**

WASHINGTON, D.C. 20594



## **BRIEFS OF ACCIDENTS INVOLVING COMMUTER AIR CARRIERS AND ON-DEMAND AIR TAXI OPERATIONS**



**U.S. GENERAL AVIATION  
1978**

**NTSB-AMM-80-11**



**UNITED STATES GOVERNMENT**



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15. Supplementary Notes			
16. Abstract  <p>This publication contains reports of commuter air carrier and on-demand air taxi accidents that occurred in 1978. Included are 55 commuter air carrier and 216 on-demand air taxi accident briefs. The brief format presents the facts, conditions, circumstances and probable cause(s) for each accident. Additional statistical information is tabulated by type of operation, injuries, aircraft weight, and cause(s) and related factor(s). This publication will be published annually.</p>			
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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:

	<u>Accidents</u>		<u>Hours Flown</u>	<u>Accident Rates Per 100,000 Hours Flown</u>	
	<u>Total</u>	<u>Fatal</u>		<u>Total</u>	<u>Fatal</u>
Commuters	55(52)	13(12)	1,288,480 <u>1/</u>	4.04	0.93
On-Demand	216	57	3,135,121 <u>2/</u>	6.89	1.82
All Air Taxi	271	70	4,423,601 <u>3/</u>	6.13	1.58

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."

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

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

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

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## EXPLANATORY NOTES

### U.S. GENERAL AVIATION

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

### U.S. AIR CARRIER

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

### DEFINITIONS

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

#### Aircraft Accident

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

#### Fatal Injury

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

#### Serious Injury

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

#### Substantial Damage

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

## EXPLANATORY NOTES

### INJURY INDEX

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

### TYPE OF ACCIDENT

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

#### Gear Collapsed

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

#### Gear Retracted

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

#### Airframe Failure

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

#### Engine Failure/Malfunction

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

### PHASE OF OPERATION

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

### COLLISION BETWEEN AIRCRAFT

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

## EXPLANATORY NOTES

### CAUSES AND RELATED FACTORS

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

### AIRCRAFT WEIGHT CATEGORIES

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

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

### SMALL FIXED-WING AIRCRAFT

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

### LARGE FIXED-WING AIRCRAFT

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

### ROTORCRAFT

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

### TYPES OF WEATHER CONDITIONS

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

# LIST OF ABBREVIATIONS USED IN BRIEFS

ABBREVIATION	MEANING
AERIAL ADVERTISE	AERIAL ADVERTISING
ATR, FLIGHT INSTR.	AIRLINE TRANSPORT INSTRUCTOR
AIR SHOW/RACING	AIR SHOW/AIR RACING
AIR TAXI-CARGO	AIR TAXI-CARGO OPERATIONS
AIR TAXI-PASSG	AIR TAXI-PASSENGER OPERATIONS
APPROACH CTL-DEPARTURE	APPROACH CONTROL-DEPARTURE
APR CTL-TOW ENRT CTL SRV	APPROACH CONTROL-TOWER EN ROUTE CONTROL SERVICE
ASSOC CROP CTL ACTIVITIES	ASSOCIATED CROP CONTROL ACTIVITIES
ASSOC FIRE CTL ACTIVITIES	ASSOCIATED FIRE CONTROL ACTIVITIES
COMMERCIAL, FLIGHT INSTR.	COMMERCIAL FLIGHT INSTRUCTOR
CORP/EXEC	CORPORATION/EXECUTIVE
CR-	CREW
CTR CARGO-D	CONTRACT/CHARTER-CARGO-DOMESTIC
CTR CARGO-I	CONTRACT/CHARTER-CARGO-INTERNATIONAL
CTR PASSG-D	CONTRACT/CHARTER-PASSENGER-DOMESTIC
CTR PASSG-I	CONTRACT/CHARTER-PASSENGER-INTERNATIONAL
LAST ENROUTE STOP	LAST PLANNED EN ROUTE LANDING POINT
MAPPING/PHOTO	AERIAL MAPPING/PHOTOGRAPHY
MIL CONTRACT CARGO INTL	MILITARY CONTRACT-CARGO-INTERNATIONAL
MIL CONTRACT PASSG INTL	MILITARY CONTRACT-PASSENGER-INTERNATIONAL
MILITARY CTR CARGO DOM	MILITARY CONTRACT-CARGO-DOMESTIC
MILITARY CTR PASSG DOM	MILITARY CONTRACT-PASSENGER-DOMESTIC
MIL/CTR CARGO	MILITARY CONTRACT-CARGO
MIL/CTR PASSG	MILITARY CONTRACT-PASSENGER
NR.	NEAR
NS CTR CARGO	NONSCHEDULED/CHARTER REVENUE CARGO-INTRA-STATE
NS CTR PASSG	NONSCHEDULED/CHARTER REVENUE PASSENGER-INTRA-STATE
NS/CTR REVENUE CARGO DOM	NONSCHEDULED/CHARTER REVENUE CARGO-DOMESTIC
NS/CTR REVENUE CARGO INTL	NONSCHEDULED/CHARTER REVENUE CARGO-INTERNATIONAL
NS/CTR REVENUE PASSG DOM	NONSCHEDULED/CHARTER REVENUE PASSENGER-DOMESTIC
NS/CTR REVENUE PASSG INTL	NONSCHEDULED/CHARTER REVENUE PASSENGER-INTERNATIONAL
OT-	OTHER AIRCRAFT AND GROUND
PARAJUMP	PARACHUTE JUMP
PRIVATE, FL. INSTR.	PRIVATE FLIGHT INSTRUCTOR
PX-	PASSENGERS
RADAR CTL/SURVEILLANCE	RADAR CONTROL/SURVEILLANCE
SCHED CARGO SRV	SCHEDULED CARGO SERVICE
SCHED DOM CARGO SRV	SCHEDULED DOMESTIC CARGO SERVICE
SCHED DOM PASSG SRV	SCHEDULED DOMESTIC PASSENGER SERVICE
SCHED INTERNATL CARGO SRV	SCHEDULED INTERNATIONAL CARGO SERVICE
SCHED INTERNATL PASSG SRV	SCHEDULED INTERNATIONAL PASSENGER SERVICE
SCHED PASSG SRV	SCHEDULED PASSENGER SERVICE
S-D	SCHEDULED-DOMESTIC
S-I	SCHEDULED-INTERNATIONAL
UNK/NR	UNKNOWN/NOT REPORTED





PART 1

ALL AIR TAXI ACCIDENTS



Air Taxi Accidents  
U.S. General Aviation  
1969-1978

Year	Air Taxi Hours Flown 1/	Total Accidents	Total Accident Rate 2/	Fatal Accidents	Fatal Accident Rate 2/	Fatalities
1969	2,238,000	207	9.25	29	1.30	142
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

1/ Source: Federal Aviation Administration

2/ Accident Rates per 100,000 hours flown.

ACCIDENTS, INJURIES  
AIR TAXI - ALL OPERATIONS

U.S. GENERAL AVIATION  
1978

		INJURIES					
		FATAL	SERIOUS	MINOR	NONE	UNKNOWN	TOTAL
PILOT		61	21	33	158		273
COPILOT		5	5	4	23		37
DUAL STUDENT				1			1
CHECK PILOT							
FLIGHT ENGINEER							
NAVIGATOR							
CABIN ATTENDANT		2		1	3		6
EXTRA CREW		1		1	3		5
PASSENGERS		133	70	78	378		659
TOTAL		202	96	118	565	ABOARD	981
* OTHER AIRCRAFT		2		1	4		7
OTHER GROUND		3	3	2	2		10
GRAND TOTAL		207	99	121	571		998
INVOLVES	271	TOTAL ACCIDENTS					
INVOLVES	70	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.

# ANALYTIC TABLE

TYPE OF OPERATION BY INJURY INDEX

## INJURY INDEX

TYPE OF OPERATION	INJURY INDEX				RECORDS	ACCIDENTS	PERCENT
	FATAL	SERIOUS	MINOR	NONE			
SCHEDULED DOMESTIC PASSG. SVC	6	3	4	15	28	28	10.26
SCHEDULED INTL PASSG SERVICE	3			1	4	4	1.47
SCHEDULED DOMESTIC CARGO SVC	4	1	5	13	23	23	8.42
SCHEDULED INTL CARGO SERVICE							
CHARTER-PASSENGER-DOMESTIC	37	15	18	64	134	133	49.08
CHARTER-CARGO-DOMESTIC	14	7	6	29	56	56	20.51
MIL CONTRACT-PASSG-DOMESTIC							
MIL CONTRACT-CARGO-DOMESTIC							
TEST				1	1	1	.37
TRAINING							
FERRY-DOMESTIC	2	1	1	5	9	9	3.30
COMPANY FLIGHT							
CHARTER-PASSG-INTL							
CHARTER-CARGO-INTL							
MIL CONTRACT-PASSG-INTL							
MIL CONTRACT-CARGO-INTL							
FERRY-INTERNATIONAL							
OTHER	4	1	1	12	18	17	6.59
RECORDS	70	28	35	140	273		
ACCIDENTS	70	28	35	138		271	
PERCENTS	25.6	10.3	12.8	51.3			

INJURIES BY TYPE OF OPERATION  
AIR TAXI ACCIDENTS - ALL OPERATIONS

U.S. GENERAL AVIATION  
1978

<u>TYPE OF OPERATION</u>	<u>FATAL</u>	<u>SERIOUS</u>	<u>MINOR</u>	<u>NONE</u>	<u>TOTAL</u>
SCHED DOMESTIC PASS SERV	28	28	31	164	251
SCHED INTER PASS SERV	14	2	3	9	28
SCHED DOMESTIC CARGO SERV	5	1	7	16	29
NONSCHED DOM PASS SERV	125	52	62	289	528
NONSCHED DOM CARGO SERV	19	10	9	41	79
TEST	0	0	0	5	5
FERRY, DOMESTIC	2	1	2	6	11
	---	--	---	---	---
TOTAL	193	94	114	530	931

# ANALYTIC TABLE

TYPE OF OPERATION BY AIRCRAFT WEIGHT

AIRCRAFT WEIGHT

TYPE OF OPERATION	AIRCRAFT WEIGHT			RECORDS	ACCIDENTS	PERCENT
	0 TO 4,999 LBS	5,000 TO 12,999 LBS	13,000 TO 59,999 LBS			
SCHEDULED DOMESTIC PASSG.SVC	3	23	2	28	28	10.26
SCHEDULED INTL PASSG SERVICE	1	3		4	4	1.47
SCHEDULED DOMESTIC CARGO SVC	3	20		23	23	8.42
SCHEDULED INTL CARGO SERVICE						
CHARTER-PASSENGER-DOMESTIC	70	54	5	134	133	49.08
CHARTER-CARGO-DOMESTIC	28	27	1	56	56	20.51
MIL CONTRACT-PASSG-DOMESTIC						
MIL CONTRACT-CARGO-DOMESTIC						
TEST	1			1	1	.37
TRAINING						
FERRY-DOMESTIC	5	4		9	9	3.30
COMPANY FLIGHT						
CHARTER-PASSG-INTL						
CHARTER-CARGO-INTL						
MIL CONTRACT-PASSG-INTL						
MIL CONTRACT-CARGO-INTL						
FERRY-INTERNATIONAL						
OTHER	12	5	1	18	17	6.59
RECORDS	123	141	9	273		
ACCIDENTS	122	140	9		271	
PERCENTS	45.1	51.6	3.3			





PART 2

COMMUTER AIR CARRIER ACCIDENTS

Accidents, Fatalities and Rates  
Commuter Air Carriers  
1978

	<u>All Revenue Operations</u>	<u>Passenger</u>	<u>All Cargo/Mail</u>
<u>Accidents</u>			
Total	55(52)	32(31)	23(21)
Fatal	13(12)	9	4(3)
<u>Fatalities</u>			
Passenger	34	33	1
Crew	13	9	4
Others	0	0	0
Total	47	42	4
<u>Aircraft Hours Flown</u>	1,288,480	1,014,806	273,674
<u>Aircraft Miles Flown(000)</u>	224,228	165,906	58,322
<u>Revenue Passenger Miles Flown(000)</u>	N/A	1,138,534	N/A
<u>Departures</u>	1,978,483	1,726,410	252,073
<u>Accident Rate Per 100,000 Hours Flown</u> 1/			
Total	4.04	3.05	7.67
Fatal	0.93	0.89	1.10
<u>Accident Rate Per Million Miles Flown</u> 1/			
Total	0.23	0.19	0.36
Fatal	0.05	0.05	0.05
<u>Accident Rate Per 100,000 Departures</u> 1/			
Total	2.63	1.80	8.33
Fatal	0.61	0.52	1.19
<u>Passenger Fatality Rate Per 100 Million Passenger Miles</u> 1/	N/A	2.90	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.

ACCIDENTS, INJURIES  
COMMUTER AIR CARRIER OPERATIONS

U.S. GENERAL AVIATION  
1978

INJURIES					
	FATAL	SERIOUS	MINOR	NONE	TOTAL
PILOT	11	1	9	34	55
COPILOT	2	2	2	8	14
DUAL STUDENT					
CHECK PILOT					
FLIGHT ENGINEER					
NAVIGATOR					
CABIN ATTENDANT				2	2
EXTRA CREW					
PASSENGERS	34	28	30	145	237
TOTAL	47	31	41	189	ABOARD 308
OTHER AIRCRAFT					
OTHER GROUND			1		1
GRAND TOTAL	47	31	42	189	309

INVOLVES 55 TOTAL ACCIDENTS  
INVOLVES 13 FATAL ACCIDENTS

# ANALYTIC TABLE

## AIRPORT PROXIMITY BY WEATHER CONDITION

### WEATHER CONDITION

#### AIRPORT PROXIMITY

VFR  
IFR  
BELOW MINIMUMS

RECORDS ACCIDENTS PERCENT

ON AIRPORT	22	3	25	25	45.45
ON SEAPLANE BASE					
ON HELIPORT					
ON BARGE/SHIP/PLATFORM					
IN TRAFFIC PATTERN					
WITHIN 1/4 MILE	2		2	2	3.64
WITHIN 1/2 MILE		1	1	1	1.82
WITHIN 3/4 MILE					
WITHIN 1 MILE	1	2	3	3	5.45
WITHIN 2 MILES	2		2	2	3.64
WITHIN 3 MILES	3	2	5	5	9.09
WITHIN 4 MILES	1		1	1	1.82
WITHIN 5 MILES					
BEYOND 5 MILES	11	4	15	15	27.27
UNKNOWN/NOT REPORTED		1	1	1	1.82
RECORDS	42	13	55		
ACCIDENTS	42	13		55	
PERCENTS	76.4	23.6			100

**ANALYTIC TABLE**  
**TYPE OF AIRCRAFT AND CONDITIONS OF LIGHT**  
CONDITIONS OF LIGHT

<u>TYPE OF FLIGHT PLAN</u>	<u>DAWN</u>	<u>DAYLIGHT</u>	<u>DUSK / TWILIGHT</u>	<u>NIGHT / DARK</u>	<u>NIGHT / BRIGHT</u>	<u>UNKNOWN / NOT REPORTED</u>	<u>RECORDS</u>	<u>ACCIDENTS</u>	<u>PERCENT</u>
NONE	1	13		2			16	16	29.09
VFR		12		1			13	13	23.64
IFR	1	12	2	9	1		25	25	45.45
CONTROLLED VFR									
IFR (VFR CONDITIONS ON TOP)									
TOWER EN ROUTE CONTROL SERVICE									
OVFR									
VFR FLIGHT FOLLOWING SERVICE									
SPECIAL VFR									
OTHER									
UNKNOWN/NOT REPORTED				1			1	1	1.82
RECORDS	2	37	2	13	1		55		
ACCIDENTS	2	37	2	13	1			55	
PERCENTS	3.6	67.3	3.6	23.6	1.8	.0			

# ANALYTIC TABLE

## FIRST TYPE OF ACCIDENT BY AIRCRAFT DAMAGE

### AIRCRAFT DAMAGE

#### FIRST TYPE OF ACCIDENT

DESTROYED  
SUBSTANTIAL  
MINOR  
NONE

RECORDS ACCIDENTS PERCENT

GROUND-WATER LOOP-SWERVE	8		8	8	14.55
DAGGED WINGTIP POD OR FLOAT					
WHEELS-UP LANDING	1		1	1	1.82
WHEELS-DOWN LANDING IN WATER					
GEAR COLLAPSED	2		2	2	3.64
GEAR RETRACTED	2		2	2	3.64
HARD LANDING	1	2	3	3	5.45
NOSE OVER/DOWN					
ROLL OVER					
OVERSHOOT	1		1	1	1.82
UNDERSHOOT		2	2	2	3.64
<u>COLLISION BETWEEN AIRCRAFT</u>					
BOTH IN FLIGHT					
ONE AIRBORNE					
BOTH ON GROUND					
<u>COLLISION WITH GROUND/WATER</u>					
CONTROLLED	4	1	5	5	9.09
UNCONTROLLED					
<u>COLLIDED WITH</u>					
WIRES/POLES	1		1	1	1.82
TREES		1	1	1	1.82
RESIDENCE/S					
BUILDING/S					
FENCE, FENCEPOSTS					
ELECTRONIC TOWERS					
RUNWAY OR APPROACH LIGHTS	1		1	1	1.82
AIRPORT HAZARD					
ANIMALS					
CROP					
FLAGMAN LOADER					
DITCHES					
SNOWBANK	1		1	1	1.82
PARKED AIRCRAFT (UNATTENDED)					
AUTOMOBILE	1		1	1	1.82
DIRT BANK					
OTHER					

# ANALYTIC TABLE

## FIRST TYPE OF ACCIDENT BY AIRCRAFT DAMAGE

FIRST TYPE OF ACCIDENT	AIRCRAFT DAMAGE				RECORDS	ACCIDENTS	PERCENT
	DESTROYED	SUBSTANTIAL	MINOR	NONE			
BIRD STRIKE							
<u>STALL</u>	1				1	1	1.82
SPIN	1				1	1	1.82
SPIRAL							
MUSH		1			1	1	1.82
<u>FIRE OR EXPLOSION</u>							
IN FLIGHT	1				1	1	1.82
ON GROUND							
<u>AIRFRAME FAILURE</u>							
IN FLIGHT	1				1	1	1.82
ON GROUND							
ENGINE TEARAWAY							
ENGINE FAILURE OR MALFUNCTION	6	13			19	19	34.55
<u>PROPELLER/ROTOR FAILURE</u>							
PROPELLER		1			1	1	1.82
TAIL ROTOR							
MAIN ROTOR							
PROP ROTOR ACNT TO PERSON							
JET INTAKE/EXH ACNT TO PERS							
PROPELLER/JET/ROTOR BLAST							
TURBULENCE							
HAIL DAMAGE TO AIRCRAFT							
LIGHTNING STRIKE							
EVASIVE MANEUVER							
UNCONTROLLED ALT DEVIATION							
DITCHING							
MISSING ACFT NOT RECOVERED	1				1	1	1.82
MISCELLANEOUS/OTHER							
UNDETERMINED							
RECORDS	18	37			55		
ACCIDENTS	18	37				55	
PERCENTS	32.7	67.3	.0	.0			

# ANALYTIC TABLE

## FIRST PHASE OF OPERATION BY INJURY INDEX

### INJURY INDEX

#### FIRST OPERATIONAL PHASE

FATAL  
SERIOUS  
MINOR  
NONE

RECORDS ACCIDENTS PERCENT

#### STATIC

STARTING ENGINE/S						
IDLING ENGINE/S			1		1	1.82
ENGINE RUNUP						
IDLING ROTORS						
PARKED-ENGINES NOT OPERATING						
OTHER						

#### TAXI

TO TAKEOFF			1		1	1.82
FROM LANDING			3		3	5.45
OTHER						

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		2	2		4	4	7.27
INITIAL CLIMB	2	2		1	5	5	9.09
VERTICAL							
RUNNING (ROTORCRAFT/VTOL-STOL)							
ABORTED (FIXED-WING)			1		1	1	1.82
ABORTED (ROTORCRAFT/VTOL)							
ABORTED (ROTORCRAFT/STOL)							
OTHER							

#### INFLIGHT

CLIMB TO CRUISE	1		1	1	3	3	5.45
NORMAL CRUISE	5			7	12	12	21.82
DESCENDING							
HOLDING (IFR)							
HOVERING							
POWER-ON DESCENT (ROTORCRAFT)							
AUTOROTATIVE DESCENT							
ACROBATICS							
BUZZING							



# ANALYTIC TABLE

## FIRST PHASE OF OPERATION BY INJURY INDEX

FIRST OPERATIONAL PHASE	INJURY INDEX				RECORDS	ACCIDENTS	PERCENT
	FATAL	SERIOUS	MINOR	NONE			
UNCONTROLLED DESCENT	1				1	1	1.82
EMERGENCY DESCENT							
LOW PASS							
OTHER	1				1	1	1.82
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							
<u>LANDING</u>							
TRAFFIC PATTERN-CIRCLING							
FINAL APPROACH (VFR)	1	1	1	2	5	5	9.09
INITIAL APPROACH							
FINAL APPROACH (IFR)	2	1		3	6	6	10.91
LEVEL OFF/TOUCHDOWN			3	4	7	7	12.73
ROLL (FIXED WING)			1	4	5	5	9.09
ROLL-ON/RUN-ON (ROTORCRAFT)							
POWER-ON LANDING (ROTORCRAFT)							
POWER-OFF AUTOROTATIVE LOG							
GO-AROUND (VFR)							
MISSED APPROACH (IFR)							
OTHER							
UNKNOWN/NOT REPORTED							
RECORDS	13	4	9	29	55		
ACCIDENTS	13	4	9	29		55	
PERCENTS	23.6	7.3	16.4	52.7			

CAUSE/FACTOR TABLE  
COMMUTER AIR CARRIER ACCIDENTS

U.S. GENERAL AVIATION  
 1978

(EXCLUDES ACCIDENTS WITHOUT CAUSAL ASSIGNMENT)

INVOLVES 54 TOTAL ACCIDENTS

INVOLVES 12 FATAL ACCIDENTS

BROAD CAUSE/FACTOR -----	FATAL ACCIDENTS -----			NONFATAL ACCIDENTS -----			ALL ACCIDENTS -----		
	CAUSE	FACTOR	TOTAL*	CAUSE	FACTOR	TOTAL*	CAUSE	FACTOR	TOTAL*
PILOT	7 58.33	2 16.67	8 66.67	28 66.67	5 11.90	29 69.05	35 64.81	7 12.96	37 68.52
PERSONNEL	1 8.33	3 25.00	3 25.00	7 16.67	4 9.52	9 21.43	8 14.81	7 12.96	12 22.22
AIRFRAME		1 8.33	1 8.33		1 2.38	1 2.38		2 3.70	2 3.70
LANDING GEAR				5 11.90		5 11.90	5 9.26		5 9.26
POWERPLANT	3 25.00		3 25.00	9 21.43		9 21.43	12 22.22		12 22.22
SYSTEMS	1 8.33		1 8.33	2 4.76		2 4.76	3 5.56		3 5.56
INSTRUMENTS/EQUIPMENT & ACCESSORIES									
ROTORCRAFT									
AIRPORT/AIRWAYS/FACILITIES				1 2.38	4 9.52	5 11.90	1 1.85	4 7.41	5 9.26
WEATHER	1 8.33	4 33.33	5 41.67		12 28.57	12 28.57	1 1.85	16 29.63	17 31.48
TERRAIN					5 11.90	5 11.90		5 9.26	5 9.26
MISCELLANEOUS									
UNDETERMINED	2 16.67		2 16.67	1 2.38		1 2.38	3 5.56		3 5.56

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

CAUSE/FACTOR TABLE  
COMMUTER AIR CARRIER ACCIDENTS

U.S. GENERAL AVIATION  
1978

(EXCLUDES ACCIDENTS WITHOUT CAUSAL ASSIGNMENT)

INVOLVES 54 TOTAL ACCIDENTS

INVOLVES 12 FATAL ACCIDENTS

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
<b>** PILOT **</b>									
PILOT IN COMMAND									
ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT		1	1	2		2	2	1	3
ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL				1		1	1		1
CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS	1		1		1	1	1	1	2
DELAYED ACTION IN ABORTING TAKEOFF				1		1	1		1
DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT	1		1		1	1	1	1	2
EXCEEDED DESIGN STRESS LIMITS OF AIRCRAFT	1		1				1		1
FAILED TO RETRACT LANDING GEAR				1		1	1		1
INADVERTENTLY RETRACTED GEAR				1		1	1		1
FAILED TO OBTAIN/MAINTAIN FLYING SPEED	2		2	1		1	3		3
FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES ETC		1	1	4	1	5	4	2	6
IMPROPER OPERATION OF POWERPLANT + POWERPLANT CONTROLS				2		2	2		2
IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS				1		1	1		1
IMPROPER OPERATION OF FLIGHT CONTROLS	1		1				1		1
IMPROPER LEVEL OFF				1		1	1		1
IMPROPER IFR OPERATION	1		1	1		1	2		2
IMPROPER IN-FLIGHT DECISIONS OR PLANNING	1		1	4		4	5		5
INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING	1		1	5	1	6	6	1	7
MISMANAGEMENT OF FUEL	1		1	5		5	6		6
SELECTED UNSUITABLE TERRAIN				1		1	1		1
FAILED TO ASSURE THE GEAR WAS DOWN AND LOCKED				2		2	2		2
INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS		1	1	2		2	2	1	3
MISJUDGED DISTANCE AND SPEED				1		1	1		1
MISJUDGED DISTANCE AND ALTITUDE				2		2	2		2
MISJUDGED CLEARANCE				1		1	1		1
IMPROPER RECOVERY FROM BOUNCED LANDING				1		1	1		1
MISUSED OR FAILED TO USE FLAPS				1		1	1		1
FAILED TO MAINTAIN DIRECTIONAL CONTROL				4		4	4		4
SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND					1	1		1	1
FAILED TO INITIATE GO-AROUND				2	1	3	2	1	3
SUBTOTAL	10	3	13	47	6	53	57	9	66
<b>** PERSONNEL **</b>									
RULES, REGULATIONS, STANDARDS PERSONNEL									
FLIGHT INSTRUCTOR									
MAINTENANCE, SERVICING, INSPECTION									
IMPROPER MAINTENANCE(MAINTENANCE PERSONNEL)	1		1	1		1	2		2
IMPROPERLY SERVICED AIRCRAFT(GROUND CREW)				1		1	1		1
INADEQUATE INSPECTION OF AIRCRAFT(MAINTENANCE PERSONNEL)					2	2		2	2
INADEQUATE MAINTENANCE AND INSPECTION	1		1	3		3	3	1	4
OPERATIONAL SUPERVISORY PERSONNEL									
INADEQUATE FLIGHT TRAINING-PROCEDURES	2		2					2	2
INADEQUATE SUPERVISION OF FLIGHT CREW	2		2	1	1	2	1	3	4
FAILURE TO PROVIDE ADEQ DIRECTIVES, MANUALS, EQUIPMENT	1		1					1	1
DEFICIENCY, COMPANY MAINTAINED EGMT, SERV, REGULATIONS	2		2		1	1		3	3
WEATHER PERSONNEL									
TRAFFIC CONTROL PERSONNEL									
ISSUED IMPROPER OR CONFLICTING INSTRUCTIONS				1		1	1		1
AIRPORT SUPERVISORY PERSONNEL									
AIRWAYS FACILITIES PERSONNEL									
PRODUCTION-DESIGN-PERSONNEL									
POOR/INADEQUATE DESIGN					2	2		2	2
MISCELLANEOUS-PERSONNEL									
DRIVER OF VEHICLE				1		1	1		1
DIRECT ENTRIES	1		1					1	1
THIRD PILOT									
FLIGHT ENGINEER									
FLIGHT PERSONNEL									
DISPATCHING (AIR CARRIER ONLY)									
SUBTOTAL	1	10	11	8	6	14	9	16	25

## CAUSE/FACTOR TABLE

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
** AIRFRAME **									
WINGS									
OTHER		1	1					1	1
FUSELAGE									
LANDING GEAR									
MAIN GEAR-SHOCK ABSORBING ASSY, STRUTS, ATTACHMENTS, ETC				1		1	1		1
BRAKING SYSTEM (NORMAL)				3		3	3		3
OTHER				1		1	1		1
FLIGHT CONTROL SURFACES					1	1		1	1
ELEVATOR, ASSEMBLY ATTACHMENTS									
SUBTOTAL		1	1	5	1	6	5	2	7
** POWERPLANT **									
ENGINE STRUCTURE									
CRANKSHAFT				1		1	1		1
MASTER AND CONNECTING RODS				1		1	1		1
CYLINDER ASSEMBLY	1		1				1		1
IGNITION SYSTEM									
FUEL SYSTEM									
RAW AIR ASSEMBLY				1		1	1		1
LUBRICATING SYSTEM									
PUMP-PRESSURE	1		1				1		1
COOLING SYSTEM									
PROPELLER AND ACCESSORIES				1		1	1		1
GOVERNORS									
EXHAUST SYSTEM				1		1	1		1
OTHER				1		1	1		1
ENGINE ACCESSORIES									
ENGINE CONTROLS									
INDUCTION AIR, PREHEAT CONTROLS				1		1	1		1
POWERPLANT-INSTRUMENTS									
MISCELLANEOUS									
POWERPLANT FAILURE FOR UNDETERMINED REASONS	1		1				1		1
REDUCTION GEAR ASSEMBLY									
COMPRESSOR ASSEMBLY									
BEARING, ROTOR SHAFT				1		1	1		1
COMBUSTION ASSEMBLY									
TURBINE ASSEMBLY									
BLADE, TURBINE WHEEL				1		1	1		1
OTHER				1		1	1		1
ACCESSORY DRIVE ASSEMBLY									
LUBRICATING SYSTEM									
FUEL SYSTEM									
SAFETY SYSTEM									
IGNITION SYSTEM									
TORQUEMETER									
AIR BLEED									
EXHAUST SYSTEM									
THRUST REVERSER									
PROPELLER SYSTEM									
PITCH CHANGING MECHANISM				1		1	1		1
CONSTANT SPEED DRIVE									
POWER LEVER									
PROPELLER LEVER									
REVERSE THRUST LEVER									
ENGINE INDICATING EQUIPMENT									
ENGINE INSTALLATION									
SUBTOTAL	3		3	10		10	13		13
** SYSTEMS **									
ELECTRICAL SYSTEM									
HYDRAULIC SYSTEM									
RESERVOIR, LINES, FITTINGS				2		2	2		2
FLIGHT CONTROL SYSTEMS									
ELEVATOR AND ELEVATOR TAB CONTROL SYSTEM	1		1				1		1
ELEVATOR TRIM INDICATOR SYSTEM	1		1				1		1
ANTI-ICING, DE-ICING SYSTEMS									
AIR CONDITION, HEATING AND PRESSURIZATION									
AUTO PILOT									
FIRE WARNING SYSTEM									
FIRE EXTINGUISHER SYSTEM									
OXYGEN SYSTEM									

## CAUSE/FACTOR TABLE

## SYSTEMS (CONTINUED)

DETAILED CAUSE/FACTOR -----	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
OTHER SYSTEMS									
SURTOTAL	2		2	2		2	4		4
** AIRPORTS/AIRWAYS/FACILITIES **									
AIRPORT FACILITIES									
AIRPORT CONDITIONS									
WET RUNWAY					1	1		1	1
ICE/SLUSH ON RUNWAY				1	1	1	1	1	1
SNOW ON RUNWAY					1	1		1	1
SNOW WINDROWS					1	1		1	1
UNMARKED OBSTRUCTIONS				1	1	1	1	1	1
OTHER					1	1		1	1
AIRWAYS FACILITIES									
SURTOTAL				2	4	6	2	4	6
** WEATHER **									
LOW CEILING		2	2		3	3		5	5
RAIN					2	2		2	2
FOG		2	2		3	3		5	5
ICING CONDITIONS--INCLUDES SLEET, FREEZING RAIN, ETC	1	1	2		4	4	1	5	6
CONDITIONS CONDUCTIVE TO CARB/INDUCTION SYSTEM ICING					3	3		3	3
WIND SHEAR					1	1		1	1
SUDDEN WINDSHIFT					1	1		1	1
DOWNDRAFTS, UPDRAFTS	1		1				1		1
HIGH TEMPERATURE		1	1					1	1
OBSTRUCTIONS TO VISION					1	1		1	1
THUNDERSTORM ACTIVITY					1	1		1	1
SURTOTAL	2	6	8		19	19	2	25	27
** TERRAIN **									
HIGH VEGETATION					1	1		1	1
ROUGH/UNEVEN					1	1		1	1
HIGH OBSTRUCTIONS					3	3		3	3
SURTOTAL					5	5		5	5
** MISCELLANEOUS **									
UNDETERMINED	2		2	1		1	3		3
SURTOTAL	2		2	1		1	3		3
GRAND TOTAL	20	20	40	75	41	116	95	61	156
** MISCELLANEOUS ACTS, CONDITIONS **									
LEAK/LEAKAGE				2		2	2		2
DOWNDRAFT					1	1		1	1
LOOSE, PART/FITTING				1		1	1		1
DISCONNECTED				1		1	1		1
EXCESSIVE-WEAR/PLAY				1		1	1		1
IMPROPERLY INSTALLED				1		1	1		1
OVERHEATED				2		2	2		2
VIBRATION, EXCESSIVE				1		1	1		1
INTENTIONAL WHEELS UP				2		2	2		2
RAN OFF END OF RUNWAY					1	1		1	1
ANTI-ICING/DEICING EQUIP--IMPROPER OPER. OF/FAILED TO USE				1		1	1		1
CHECKLIST--FAILED TO USE					1	1		1	1
CREW COORDINATION--POOR		1	1					1	1
IMPROPER EMERGENCY PROCEDURES	1	1	2	3	2	5	4	3	7
NOT ALLIGNED WITH RUNWAY/INTENDED LANDING AREA					1	1		1	1
INATTENTIVE TO FUEL SUPPLY	1		1	2		2	3		3
POORLY PLANNED APPROACH				1		1	1		1
FATIGUE FRACTURE	1		1	3		3	4		4
FUEL GRADE--IMPROPER				1		1	1		1
WINDSHIELD, DIRTY, FOGGY, ETC--RESTRICTED VISION					1	1		1	1
FAILURE OF TWO OR MORE ENGINES					1	1		1	1
SEPARATION IN FLIGHT		1	1					1	1
FIRE IN ENGINE				1		1	1		1

CAUSE/FACTOR TABLE

MISCELLANEOUS ACTS, CONDITIONS (CONTINUED)

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
FIRE IN BRAKES/ WHEEL ASSEMBLY/ WHEEL WELL				1		1	1		1
FUEL EXHAUSTION				3		3	3		3
ICE-CARBURETOR				2		2	2		2
AIRFRAME ICE				2	1	3	2	1	3
LACK OF LUBRICATION-SPECIFIC PART, NDT SYSTEM				2		2	2		2
AIRCRAFT CAME TO REST IN WATER		3	3		4	4		7	7
MISSING				1		1	1		1
OVERLOAD FAILURE		1	1	1	4	5	1	5	6
MATERIAL FAILURE	1		1	5		5	6		6
FUEL STARVATION	1		1	2		2	3		3
FUEL SELECTOR POSITIONED BETWEEN TANKS	1		1				1		1

DIRECT ENTRY CAUSES

PERSONNEL-INEFFECTIVE FAA SURVEILLANCE

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  
1978  
IN FILE ORDER SEQUENCE  
(NAME OF OPERATOR DISPLAYED AT RIGHT)

FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX	
3 0050	N1924T	011778	CLARKSBURG,WV	BEECH	B99A	MINOR	AERO MECH INC
3 0175	N122NQ	021378	VICHY,MO	CESSNA	402	NONE	DICKMAN AVIAT *
3 0234	N26KA	010578	LEADVILLE,CO	DEHAVND CAN	DHC-6	NONE	ROCKY MT.AWYS.
3 0398	N9801Z	011778	NEW CASTLE,DE	BEECH	C45H	SERIOUS	FLT EXPRES CAR
3 0421	N4824S	040178	KANSAS CITY,MO	PIPER	PA-32	NONE	LAWRENCE AVIAT
3 0461	N180X	021778	MIDDLETOWN,PA	BEECH	E18S	MINOR	FLIGHT EXPRESS
3 0767	N101SX	030178	AGANA,GUAM	CESSNA	337F	FATAL	ISLAND AIR,INC
3 0791	N45350	050878	LITTLE ROCK,AR	CESSNA	402A	NONE	MILLER AIR TRA
3 0824	N44NC	051178	KENKUK,IA	CESSNA	402B	NONE	BROWER AIRWAYS
3 1118	N1517U	030878	AUGUSTA,GA	CESSNA	207	NONE	MODERN AIR FRE
3 1211	N94460	050278	NSPIRITWOOD,ND	BEECH	UC45J	FATAL	SIZER AIRWAYS
3 1291	N15598	010278	NRIO GRANDE,PR	DOUGLAS	DC-3	NONE	AERO VIRGIN IS
3 1315	N54292	051978	MARTINSVILLE,VA	PIPER	PA-31	MINOR	AMERICAN AIR T
3 1463	N9885K	070578	BEAUFORT,SC	PIPER	PA-32	MINOR	COASTAL PLAINS
3 1479	N41JA	062978	NOVATO,CA	BRITTNORMAN	BN-2A	NONE	STOL AIR COMMU
3 1615	N12223	050978	SACRAMENTO,CA	HANDLY PAGE	HP 137	NONE	APOLLO AIRWAYS
3 1616	N35AP	051978	NMOLAKAI,HI	BEECH	H18	NONE	ALL HAWAII AIR
3 1693	N6868S	062378	ASHLAND,NE	AERO CMDR	680	NONE	AAA AIR ENTERP
3 1698	N66860	050278	EAST BOSTON,MA	PIPER	PA-31	NONE	NOR EAST COMMU
3 1823	N6772L	042778	CULEBRA IS,PR	PIPER	PA-31	NONE	PERKIOMEN AIRW
3 1828	N79R	080878	CHICAGO,IL	BEECH	D18S	MINOR	BLACKHAWK AIR

LISTING OF COMMUTER AIR CARRIER ACCIDENTS

U.S. GENERAL AVIATION  
1978  
IN FILE ORDER SEQUENCE  
(NAME OF OPERATOR DISPLAYED AT RIGHT)

FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX	
3 1882	N3127B	052378	SYRACUSE, NY	BEECH	3NM	NONE	SPRINGFIELD AI
3 1895	N3905W	071378	SEVERN, VA	PIPER	PA-32	NONE	SOUTHERN MD AV
3 1917	N481E	080878	LAS VEGAS, NV	BEECH	C45H	NONE	NEVADA AIRLINE
3 1957	N877A	040578	NST THOMAS, VI	GRUMMAN	G-21	FATAL	ANTILLES AIR B
3 2060	N61402	081178	KNEELAND, CA	PIPER	PA-31	NONE	EUREKA AERO IN
3 2328	N10VT	061978	WINDSOR LOCKS, CT	BEECH	18	MINOR	GREAT WESTERN
3 2400	N6308U	010578	NMILES CITY, MT	AERO COMDR	500B	FATAL	COMBS AIRWAYS,
3 2479	N45450	080378	MANHATTAN, KS	CESSNA	402A	SERIOUS	CAPITOL AIR SE
3 2556	N69WW	021678	HOOPER BAY, AK	CESSNA	401B	NONE	RUSH AIR, INC *
3 2650	N118L	050278	GRAND CANYON, AZ	BEECH	D18S	NONE	NEVADA AIRLNS.
3 2652	N54516	070778	SAN PEDRO, CA	SIKORSKY	S-62A	FATAL	CATALINA AIRLI
3 2838	N6112X	090678	GREAT FALLS, MT	AERO COMDR	500B	FATAL	COMBS AIRWAYS
3 2860	N735UB	090778	SAN ANTONIO, TX	CESSNA	182Q	NONE	AIR CENTER INC
3 3128	N7777V	090278	NST THOMAS, USVI	GRUMMAN	G-21A	FATAL	ANTILLES AIR B
3 3316	N199EA	021078	RICHLAND, WA	BEECH	99	FATAL	COLUMBIA PACIF
3 3318	N447SA	102578	SOUTH BEND, IN	BEECH	99	NONE	SKYSTREAM AIRL
3 3712	N46952	120778	INDIANAPOLIS, IN	BEECHCRAFT	E18S	NONE	BURLINGTON AIR
3 3730	N901PC	111678	HAYS, KS	BEECH	G18S	FATAL	FESTUS FLYING *
3 3737	N7700L	091978	BLOUNTVILLE, TN	PIPER	PA-31	NONE	APPLACHIAN FLY
3 3812	N3600T	120878	HASTINGS, MN	CESSNA	402	NONE	RAPID AIR INC.
3 3970	N25RM	120478	NSTEAMBOAT SPGS, CO	DEHAVILLAND	DHC-6	FATAL	ROCKY MTN AIRW



LISTING OF COMMUTER AIR CARRIER ACCIDENTS

U.S. GENERAL AVIATION  
1978  
IN FILE ORDER SEQUENCE  
(NAME OF OPERATOR DISPLAYED AT RIGHT)

FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX	
3 3971	N4121Q	092578	MONROE,MA	CESSNA	310N	FATAL	BUSINESS AIRCR
3 3978	N27604	122078	DALLAS,TX	PIPER	PA-31	SERIOUS	AIR CENTRAL
3 3993	N323	060478	NST.THOMAS,VI	GRUMMAN	G21A	NONE	ANTILLES AIR B
3 4056	N5644D	062678	BIRMINGHAM,AL	BEECH	E18S	NONE	SEMO AVIATION
3 4119	N6247Q	120778	ROCKFORD,IL	CESSNA	401A	MINOR	INTERNATL AVIA
3 4200	N74676	110578	NST CROIX U.S.V.I.	GRUMMAN	G21A	NONE	ANTILLES AIR B
3 4203	N8012R	082478	PULLMAN,WA	BEECH	B99	MINOR	CASCADE AIRWAY
3 4247	N300TL	081378	AUSTIN,TX	SWEARINGEN	SA226	SERIOUS	TEJAS AIRLINES
3 4304	N59912	110378	MISSING AIRCRAFT	PIPER	PA-31	FATAL	EASTERN CARIBB
3 4362	N7866Q	090778	NHYDER,AZ	CESSNA	402B	NONE	COCHISE AIRLNS
3 4441	N3FB	121878	CLEVELAND,OH	DEHAVILLAND	114-2X	MINOR	FISCHER BRUS
3 4476	N1688U	122978	LYNDON STATION,WI	CESSNA	207	NONE	AIR FREIGHT EX
6 0042	N35P	042778	NUPOLA,W SAMOA	CESSNA	402	FATAL	SOUTH PACIFIC

NATIONAL TRANSPORTATION SAFETY BOARD  
WASHINGTON, D. C. 20594  
BRIEFS OF COMMUTER AIR CARRIER ACCIDENTS

U.S. GENERAL AVIATION

1978

(IN STATE AND DATE ORDER)

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4056	6/26/78 TIME - 2336	BIRMINGHAM, AL	BEECH E18S N5644D DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	COMMERCIAL, AGE 22, 1900 TOTAL HOURS, 96 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - BIRMINGHAM MUNI DEPARTURE POINT INTENDED DESTINATION MONTGOMERY, AL BIRMINGHAM, AL TYPE OF ACCIDENT PHASE OF OPERATION GROUND-WATER LOOP-SWERVE TAXI FROM LANDING COLLIDED WITH OBJECT TAXI FROM LANDING  PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PERSONNEL - MAINTENANCE, SERVICING, INSPECTION INADEQUATE MAINTENANCE AND INSPECTION AIRFRAME - LANDING GEAR BRAKING SYSTEM (NORMAL SYSTEM) MISCELLANEOUS ACTS, CONDITIONS - EXCESSIVE-WEAR/PLAY MISCELLANEOUS ACTS, CONDITIONS - LEAK/LEAKAGE MISCELLANEOUS ACTS, CONDITIONS - FIRE IN BRAKES, WHEEL ASSEMBLY, WHEEL WELL PILOT IN COMMAND - ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT MISCELLANEOUS ACTS, CONDITIONS - IMPROPER EMERGENCY PROCEDURES FIRE AFTER IMPACT REMARKS- TWR ADZD PLT OF FIRE, CONTD TAXIING ONTO UNLIT RAMP, L WHEEL RAN OFF TWY, HIT UNDERGND FUEL SYST BOX.						
3-2556	2/16/78 TIME - 1225	HOOPER BAY, AK	CESSNA 401B N69WW DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	AIRLINE TRANSPORT, AGE 42, 7760 TOTAL HOURS, 160 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - HOOPER BAY DEPARTURE POINT INTENDED DESTINATION LAST ENROUTE STOP RETHEL, AK BETHEL, AK CAPE ROMANZOFF, AK TYPE OF ACCIDENT PHASE OF OPERATION GEAR COLLAPSED LANDING ROLL  PROBABLE CAUSE(S) AIRFRAME - LANDING GEAR MAIN GEAR-SHOCK ABSORBING ASSY, STRUTS, ATTACHMENTS, ETC. MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE REMARKS- LANDING GEAR COLLAPSED DURING LANDING ROLL. BRACE LOCK PIN 0841101-1 FAILED.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2650	5/2/78 TIME - 1245	GRAND CANYON,AZ	BEECH D18S N118L DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 9	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	COMMERCIAL, AGE 27, 2490 TOTAL HOURS, 522 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - GRAND CANYON DEPARTURE POINT INTENDED DESTINATION LAS VEGAS,NV GRAND CANYON,AZ TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE GEAR COLLAPSED  PHASE OF OPERATION LANDING ROLL LANDING ROLL  PROBABLE CAUSE(S) AIRFRAME - LANDING GEAR BRAKING SYSTEM (NORMAL SYSTEM) MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY INSTALLED FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE REMARKS- IMPROPERLY INSTALLED O RING,LEFT BRAKE ASSEMBLY.						
3-4362	9/7/78 TIME - 1323	NR.HYDER,AZ	CESSNA 402B N78660 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 1	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	AIRLINE TRANSPORT, AGE 45, 8289 TOTAL HOURS, 2622 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION YUMA,AZ PHOENIX,AZ TYPE OF ACCIDENT FIRE OR EXPLOSION IN FLIGHT  PHASE OF OPERATION IN FLIGHT NORMAL CRUISE  PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE,SERVICING,INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL) POWERPLANT - EXHAUST SYSTEM OTHER MISCELLANEOUS ACTS,CONDITIONS - MISSING MISCELLANEOUS ACTS,CONDITIONS - VIBRATION,EXCESSIVE MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE MISCELLANEOUS ACTS,CONDITIONS - FIRE IN ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND FIRE AFTER IMPACT REMARKS- BOLT CONNECTING BALL JOINT ON L ENG R SIDE FOUND MISSING.						
3-0791	5/8/78 TIME - 1145	LITTLE ROCK,AR	CESSNA 402A N45350 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	AIRLINE TRANSPORT, AGE 37, 7500 TOTAL HOURS, 1555 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - ADAMS FIELD DEPARTURE POINT INTENDED DESTINATION MEMPHIS,TN LITTLE ROCK,AR TYPE OF ACCIDENT GEAR COLLAPSED  PHASE OF OPERATION TAXI FROM LANDING  PROBABLE CAUSE(S) AIRFRAME - LANDING GEAR OTHER MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE REMARKS- L BELLCRANK ASSY FAILED FOR UNDETERMINED REASON.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1615	5/9/78 TIME - 1800	SACRAMENTO, CA	HANDLY PAGE HP 137 N12223 DAMAGE-SUBSTANTIAL	CR- 0 0 3 PX- 0 0 12	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	ATP, FLIGHT INSTR., AGE 30, 5311 TOTAL HOURS, 1240 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - SACRAMENTO METRO DEPARTURE POINT INTENDED DESTINATION SACRAMENTO, CA SANTA BARBARA, CA TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION WHEELS-UP  PHASE OF OPERATION TAKEOFF INITIAL CLIMB TAKEOFF ABORTED  PROBABLE CAUSE(S) POWERPLANT - PROPELLER SYSTEM PITCH CHANGING MECHANISM MISCELLANEOUS ACTS, CONDITIONS - LOOSE, PART/FITTING PILOT IN COMMAND - MISUSED OR FAILED TO USE FLAPS MISCELLANEOUS ACTS, CONDITIONS - INTENTIONAL WHEELS-UP FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - IMPROPER EMERGENCY PROCEDURES COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE FIRE AFTER IMPACT REMARKS- LOOSE BEARING CAUSED ENG OVERPOWER WHICH EXTENDED ABORTED TAKEOFF.						
3-1479	6/29/78 TIME - 1345	NOVATO, CA	BRITTNORMAN BN-2A N41JA DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 7	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	ATP, FLIGHT INSTR., AGE 36, 5907 TOTAL HOURS, 828 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - GROSS FIELD DEPARTURE POINT INTENDED DESTINATION SANTA ROSA, CA NOVATO, CA TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE COLLIDED WITH DITCHES  PHASE OF OPERATION TAXI FROM LANDING TAXI FROM LANDING  PROBABLE CAUSE(S) AIRFRAME - LANDING GEAR BRAKING SYSTEM (NORMAL SYSTEM) SYSTEMS - HYDRAULIC SYSTEM RESERVOIR, LINES, FITTINGS MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE REMARKS- LEFT WHEEL HYDRAULIC BRAKE LINE SEPARATED.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2652	7/7/78 TIME - 1053	SAN PEDRO,CA	SIKORSKY S-62A N54516 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 1 0 1	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	AIRLINE TRANSPORT, AGE 56, 16434 TOTAL HOURS, 189 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT AVALON,CA	INTENDED DESTINATION SAN PEDRO,CA			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION DITCHING	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE IN FLIGHT AUTOROTATIVE DESCENT			
PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS						
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						
3-2060	8/11/78 TIME - 0615	KNEELAND,CA	PIPER PA-31 N61402 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	COMMERCIAL, AGE 41, 3212 TOTAL HOURS, 195 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - KNEELAND DEPARTURE POINT SAN FRANCISCO,CA	INTENDED DESTINATION EUREKA,CA	LAST ENROUTE STOP UKIAH,CA		
		TYPE OF ACCIDENT UNDERSHOOT COLLIDED WITH AIRPORT HAZARD	PHASE OF OPERATION LANDING FINAL APPROACH LANDING LEVEL OFF/TOUCHDOWN			
PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE						
FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS OTHER MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE						
REMARKS- APCH END OF RWY 33 HAS A LIP.GEAR COLLAPSED.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0234	1/5/78 TIME - 1240	LEADVILLE,CO	DEHAVND CAN DHC-6 N26KA DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 18	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	AIRLINE TRANSPORT, AGE 33, 3704 TOTAL HOURS, 2540 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - LAKE COUNTY DEPARTURE POINT                      INTENDED DESTINATION                      LAST ENROUTE STOP ASPEN,CO                                  DENVER,CO                                  LEADVILLE,CO TYPE OF ACCIDENT                      PHASE OF OPERATION HARD LANDING                                  LANDING LEVEL OFF/TOUCHDOWN GEAR COLLAPSED                                  LANDING ROLL						
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC. PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND MISCELLANEOUS ACTS,CONDITIONS - POORLY PLANNED APPROACH FACTOR(S) WEATHER - SUDDEN WINDSHIFT MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE WEATHER BRIEFING - COMPANY DISPATCH WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT						
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 OF WIND NONE    RIGHT QUARTERING HEAD WIND 023-067 DEGREES TEMPERATURE-F                                  WIND DIRECTION-DEGREES 28    280 WIND VELOCITY-KNOTS                                  TYPE OF WEATHER CONDITIONS 10    VFR TYPE OF FLIGHT PLAN VFR REMARKS- CO CHIEF PLT STATED APPROACHES ARE TAUGHT TO BE MADE WITH PWR ON.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3970	12/4/78 TIME - 1945	NR.STEAMBOAT SPGS,CO	DEHAVILLAND DHC-6 N25RM DAMAGE-DESTROYED	CR- 1 1 0 PX- 1 13 6	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	AIRLINE TRANSPORT, AGE 29, 7340 TOTAL HOURS, 3904 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT STEAMBOAT SPGS,CO	INTENDED DESTINATION DENVER,CO			
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	CONTROLLED	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE		
PROBABLE CAUSE(S) WEATHER - ICING CONDITIONS-INCLUDES SLEET,FREEZING RAIN,ETC. WEATHER - DOWNDRAFT,UPDRAFTS						
FACTOR(S) PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - WEATHER SLIGHTLY WORSE THAN FORECAST MISSING AIRCRAFT - LATER RECOVERED						
		SKY CONDITION OVERCAST		CEILING AT ACCIDENT SITE UNKNOWN/NOT REPORTED		
		VISIBILITY AT ACCIDENT SITE 5 OR OVER(UNLIMITED)		PRECIPITATION AT ACCIDENT SITE SNOW		
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE BLOWING SNOW		TEMPERATURE-F 26		
		WIND DIRECTION-DEGREES 270		TYPE OF WEATHER CONDITIONS IFR		
		TYPE OF FLIGHT PLAN IFR				
REMARKS- WX EXCEEDED ACFT CAPABILITY TO MAINTAIN FLT.HIT MTN 10530FT MSL.RECOVERY DATE 12/5/78.						
3-2328	6/19/78 TIME - 2030	WINDSOR LOCKS,CT	BEECH 18 N10VT DAMAGE-DESTROYED	CR- 0 0 2 PX- 0 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	AIRLINE TRANSPORT, AGE 38, 3496 TOTAL HOURS, 1003 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - BRADLEY INTL DEPARTURE POINT ALBANY,NY	INTENDED DESTINATION WINDSOR LOCKS,CT			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH TREES		PHASE OF OPERATION LANDING FINAL APPROACH LANDING GO-AROUND		
PROBABLE CAUSE(S) POWERPLANT - COMPRESSOR ASSEMBLY BEARING,ROTOR SHAFT MISCELLANEOUS ACTS,CONDITIONS - LACK OF LUBRICATION-SPECIFIC PART,NOT SYSTEM MISCELLANEOUS ACTS,CONDITIONS - OVERHEATED POWERPLANT - TURBINE ASSEMBLY BLADE,TURBINE WHEEL MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE						
FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND FIRE AFTER IMPACT						
REMARKS- NR2 BEARING NR1 ENG FAILED.ENG NR2 POWER TURBINE BLADE FAILED.						

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0398	1/17/78 TIME - 1312	NEW CASTLE,DE	BEECH C45H N9801Z DAMAGE-SUBSTANTIAL	CR- 0 1 1 PX- 0 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	ATP, FLIGHT INSTR., AGE 46, 28100 TOTAL HOURS, 7650 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - GREATER WILMINGTO DEPARTURE POINT INTENDED DESTINATION HARRISBURG,PA PHILADELPHIA,PA TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION LANDING FINAL APPROACH STALL MUSH LANDING FINAL APPROACH						
PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS MISCELLANEOUS ACTS, CONDITIONS - ANTI-ICING/DEICING EQUIPMENT-IMPROPER OPERATION OF/UR FAILED TO USE MISCELLANEOUS ACTS, CONDITIONS - ICE-CARBURETOR PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED MISCELLANEOUS ACTS, CONDITIONS - AIRFRAME ICE						
FACTOR(S) WEATHER - CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING WEATHER - ICING CONDITIONS-INCLUDES SLEET, FREEZING RAIN, ETC. PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE WEATHER BRIEFING - OTHER WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
SKY CONDITION OBSCURATION VISIBILITY AT ACCIDENT SITE 1/2 MILE OR LESS OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG WIND DIRECTION-DEGREES 60 TYPE OF WEATHER CONDITIONS IFR				CEILING AT ACCIDENT SITE 400 PRECIPITATION AT ACCIDENT SITE FREEZING RAIN, SNOW TEMPERATURE-F 28 WIND VELOCITY-KNOTS 14 TYPE OF FLIGHT PLAN IFR		



## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-111A	3/8/78 TIME - 1902	AUGUSTA,GA	CESSNA 207 N1517U DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	AIRLINE TRANSPORT, AGE 31, 4220 TOTAL HOURS, 810 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - BUSH FIELD DEPARTURE POINT INTENDED DESTINATION SAVANAH,GA AUGUSTA,GA TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH TREES LANDING FINAL APPROACH  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IFR OPERATION FACTOR(S) WEATHER - LOW CEILING WEATHER - FOG WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY RADIO  SKY CONDITION CEILING AT ACCIDENT SITE OVERCAST 400 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 2 MILES OR LESS NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE TEMPERATURE-F FOG 41 WIND DIRECTION-DEGREES WIND VELOCITY-KNOTS 20 9 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN IFR IFR						
3-1616	5/19/78 TIME - 1700	NR.MOLAKAI,HI	BEECH H18 N35AP DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 9	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	ATP,FLIGHT INSTR., AGE 28, 4880 TOTAL HOURS, 2650 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - MOLOKAI DEPARTURE POINT INTENDED DESTINATION HONOLULU,HI MOLAKAI,HI TYPE OF ACCIDENT PHASE OF OPERATION GROUND-WATER LOOP-SWERVE LANDING ROLL GEAR COLLAPSED LANDING ROLL  PROBABLE CAUSE(S) SYSTEMS - HYDRAULIC SYSTEM RESERVOIR,LINES,FITTINGS MISCELLANEOUS ACTS,CONDITIONS - LEAK/LEAKAGE FACTOR(S) PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1828	8/8/78 TIME - 1957	CHICAGO, IL	BEECH D18S N79R DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-U	COMMERCIAL, FL. INSTR., AGE 28, 2524 TOTAL HOURS, 529 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - O'HARE INT'L DEPARTURE POINT INTENDED DESTINATION JANESVILLE, WI CHICAGO, IL TYPE OF ACCIDENT PHASE OF OPERATION HARD LANDING LANDING LEVEL OFF/TOUCHDOWN GEAR COLLAPSED LANDING LEVEL OFF/TOUCHDOWN  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER LEVEL OFF PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE						
3-4119	12/7/78 TIME - 1029	ROCKFORD, IL	CESSNA 401A N6247Q DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-U	COMMERCIAL, AGE 21, 1504 TOTAL HOURS, 427 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - GREATER ROCKFORD DEPARTURE POINT INTENDED DESTINATION MINNEAPOLIS, MN MINNEAPOLIS, MN TYPE OF ACCIDENT LAST ENROUTE STOP HARD LANDING CHICAGO, IL PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN  PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - AIRFRAME ICE WEATHER - LOW CEILING WEATHER - FOG WEATHER - ICING CONDITIONS-INCLUDES SLEET, FREEZING RAIN, ETC. WEATHER BRIEFING - PARTIAL BRIEFING BY FLIGHT SERVICE PERSONNEL, BY PHONE/RADIO, LIMITED BY PILOT ACTION WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP. AIRFRAME BUFFET  SKY CONDITION CEILING AT ACCIDENT SITE OVERCAST 800 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 2 MILES OR LESS FREEZING DRIZZLE OBSTRUCTIONS TO VISION AT ACCIDENT SITE TYPE OF WEATHER CONDITIONS FOG IFR TYPE OF FLIGHT PLAN IFR REMARKS- NO RECORD OF WX BRIEFING WHILE AT CHI.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3318	10/25/78 TIME - 0710	SOUTH BEND, IN	BEECH 99 N447SA DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 8	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	ATP, FLIGHT INSTR., AGE 42, 8000 TOTAL HOURS, 4040 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - MICHIANA REGIONAL DEPARTURE POINT INTENDED DESTINATION SOUTH BEND, IN DETROIT, MI TYPE OF ACCIDENT PHASE OF OPERATION GEAR RETRACTED STATIC IDLING ENGINE(S)  PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED REMARKS- EXAMINATION OF LOG GEAR SYSTEM DISCLOSED NO SYSTEM MALFUNCTION.						
3-3712	12/7/78 TIME - 0747	INDIANAPOLIS, IN	BEECHCRAFT E18S N46952 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	COMMERCIAL, AGE 47, 17000 TOTAL HOURS, 9000 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - INDIANAPOLIS INTL DEPARTURE POINT INTENDED DESTINATION CHICAGO, IL INDIANAPOLIS, IN TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT NORMAL CRUISE COLLIDED WITH FENCE, FENCEPOSTS LANDING LEVEL OFF/TOUCHDOWN  PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS, CONDITIONS - FUEL EXHAUSTION FACTOR(S) WEATHER - CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING WEATHER - LOW CEILING TERRAIN - ROUGH/UNEVEN COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-2 ENGINES WEATHER BRIEFING - OTHER WEATHER FORECAST - UNKNOWN/NOT REPORTED EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND  SKY CONDITION CEILING AT ACCIDENT SITE BROKEN 1500 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 2 MILES OR LESS RAIN OBSTRUCTIONS TO VISION AT ACCIDENT SITE TEMPERATURE-F FOG 39 WIND DIRECTION-DEGREES WIND VELOCITY-KNOTS 10 10 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN IFR IFR REMARKS- PILOT STATED HE RCVD WX BRIEF FROM ANOTHER PILOT						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0824	5/11/78 TIME - 2130	KEOKUK, IA	CESSNA 402B N44NC DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	ATP, FLIGHT INSTR., AGE 33, 5870 TOTAL HOURS, 500 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - KEOKUK MUNI DEPARTURE POINT KEOKUK, IA INTENDED DESTINATION FT MADISON, IA TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE COLLIDED WITH DITCHES  PHASE OF OPERATION TAKEDOFF RUN TAKEDOFF ABORTED  PROBABLE CAUSE(S) PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL FACTOR(S) WEATHER - RAIN WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - UNKNOWN/NOT REPORTED  SKY CONDITION BROKEN VISIBILITY AT ACCIDENT SITE 5 OR OVER(UNLIMITED) OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG TEMPERATURE-F 60 WIND VELOCITY-KNOTS 10 TYPE OF FLIGHT PLAN NONE  CEILING AT ACCIDENT SITE 5000 PRECIPITATION AT ACCIDENT SITE RAIN RELATIVE BEARING OF WIND RIGHT QUARTERING HEAD WIND 023-067 DEGREES WIND DIRECTION-DEGREES 180 TYPE OF WEATHER CONDITIONS VFR						
3-2479	8/3/78 TIME - 0930	MANHATTAN, KS	CESSNA 402A N4545Q DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 1 6	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	COMMERCIAL, FL. INSTR., AGE 24, 1709 TOTAL HOURS, 44 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - MANHATTAN MUNI DEPARTURE POINT MANHATTAN, KS INTENDED DESTINATION KANSAS CITY, MO TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE PROPELLER COLLIDED WITH CROP  PHASE OF OPERATION TAKEDOFF INITIAL CLIMB LANDING LEVEL OFF/TOUCHDOWN  PROBABLE CAUSE(S) POWERPLANT - PROPELLER AND ACCESSORIES GOVERNORS MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE PILOT IN COMMAND - FAILED TO RETRACT LANDING GEAR FACTOR(S) TERRAIN - HIGH VEGETATION EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- PROP GOV FAILURE, FEATHERED ENG. COULD NOT MAINTAIN CLIMB INTO RISING TERRAIN.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3730	11/16/78	HAYS,KS	BEECH G18S N901PC DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	COMMERCIAL, FL.INSTR., AGE 34, 2574 TOTAL HOURS, 1095 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT WICHITA,KS	INTENDED DESTINATION HAYS,KS			
		TYPE OF ACCIDENT STALL SPIN	PHASE OF OPERATION LANDING FINAL APPROACH			
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED						
FACTOR(S) WEATHER - LOW CEILING WEATHER - ICING CONDITIONS-INCLUDES SLEET,FREEZING RAIN,ETC. WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT						
		SKY CONDITION OBSCURATION	CEILING AT ACCIDENT SITE 200			
		VISIBILITY AT ACCIDENT SITE 3 MILES OR LESS	PRECIPITATION AT ACCIDENT SITE FREEZING DRIZZLE			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG	TEMPERATURE-F 31			
		WIND DIRECTION-DEGREES 10	WIND VELOCITY-KNOTS 10			
		TYPE OF WEATHER CONDITIONS IFR	TYPE OF FLIGHT PLAN IFR			
		FIRE AFTER IMPACT				
3-1698	5/2/78	EAST BOSTON,MA	PIPER PA-31 N66860 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	ATP,FLIGHT INSTR., AGE 58, 17994 TOTAL HOURS, 540 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - LOGAN DEPARTURE POINT HYANNIS,MA	INTENDED DESTINATION EAST BOSTON,MA			
		TYPE OF ACCIDENT WHEELS-UP	PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN			
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO ASSURE THE GEAR WAS DOWN AND LOCKED						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3971	9/25/78	MONROE, MA	CESSNA 310N N41210	CR- 1 0 0 PX- 2 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	CUMMERCIAL, AGE 35, 3973 TOTAL HOURS, 252 IN TYPE, INSTRUMENT RATED.
		TIME - UNK/NR	DAMAGE-DESTROYED			
		DEPARTURE POINT	INTENDED DESTINATION			
		BRIDGPORT, CT	ALBANY, NY			
		TYPE OF ACCIDENT	PHASE OF OPERATION			
		COLLISION WITH GROUND/WATER	CONTROLLED	IN FLIGHT		NORMAL CRUISE
PROBABLE CAUSE(S)						
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING						
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS						
FACTOR(S)						
PILOT IN COMMAND - ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT						
PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC.						
MISCELLANEOUS ACTS, CONDITIONS - IMPROPER EMERGENCY PROCEDURES						
WEATHER - LOW CEILING						
WEATHER - FOG						
		SKY CONDITION	CEILING AT ACCIDENT SITE			
		UNKNOWN/NOT REPORTED	200			
		VISIBILITY AT ACCIDENT SITE	PRECIPITATION AT ACCIDENT SITE			
		1/4 MILE OR LESS	NONE			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE	WIND DIRECTION-DEGREES			
		FOG	70			
		WIND VELOCITY-KNOTS	TYPE OF WEATHER CONDITIONS			
		4	IFR			
		TYPE OF FLIGHT PLAN				
		NONE				
REMARKS- LANDING GEAR WOULD NOT RETRACT.						
3-3812	12/8/78	HASTINGS, MN	CESSNA 402 N3600T	CR- 0 0 1 PX- 0 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	CUMMERCIAL, FL. INSTR.. AGE 28, 2350 TOTAL HOURS, 252 IN TYPE, INSTRUMENT RATED.
		TIME - 0830	DAMAGE-SUBSTANTIAL			
		DEPARTURE POINT	INTENDED DESTINATION			
		MILWAUKEE, WI	MINNEAPOLIS, MN			
		TYPE OF ACCIDENT	PHASE OF OPERATION			
		ENGINE FAILURE OR MALFUNCTION	IN FLIGHT		NORMAL CRUISE	
		COLLIDED WITH AUTOMOBILE	LANDING		LEVEL OFF/TOUCHDOWN	
PROBABLE CAUSE(S)						
PILOT IN COMMAND - MISMANAGEMENT OF FUEL						
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING						
MISCELLANEOUS ACTS, CONDITIONS - FUEL EXHAUSTION						
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-2 ENGINES						
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0175	2/13/78 TIME - 2325	VICHY,MO	CESSNA 402 N122NO DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	COMMERCIAL, AGE 29, 2700 TOTAL HOURS, 1500 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - ROLLA NATIONAL DEPARTURE POINT INTENDED DESTINATION CAPE GIRARDEAU,MO VICHY,MO TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH SNOWBANK LANDING LEVEL OFF/TOUCHDOWN  PROBABLE CAUSE(S) PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL INADEQUATE SUPERVISION OF FLIGHT CREW PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SNOW ON RUNWAY MISCELLANEOUS ACTS,CONDITIONS - NOT ALIGNED WITH RUNWAY/INTENDED LANDING AREA WEATHER - ICING CONDITIONS-INCLUDES SLEET,FREEZING RAIN,ETC. WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY RADIO WEATHER FORECAST - WEATHER SLIGHTLY WORSE THAN FORECAST  SKY CONDITION CEILING AT ACCIDENT SITE OBSCURATION 700 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 2 MILES OR LESS SNOW OBSTRUCTIONS TO VISION AT ACCIDENT SITE RELATIVE BEARING OF WIND FOG RIGHT CROSS WIND 068-112 DEGREES TEMPERATURE-F WIND DIRECTION-DEGREES 26 330 WIND VELOCITY-KNOTS TYPE OF WEATHER CONDITIONS 5 IFR TYPE OF FLIGHT PLAN IFR REMARKS- RUNWAY CONDITIONS BRAKING ACTION POOR. 40FT SWATH ON CENTERLINE PLOWED. SNOW UP TO 20IN ON SIDES.						
3-0421	4/1/78 TIME - 1445	KANSAS CITY,MO	PIPER PA-32 N4824S DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 4	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	COMMERCIAL, AGE 48, 2213 TOTAL HOURS, 858 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - KANSAS CITY INTL DEPARTURE POINT INTENDED DESTINATION KANSAS CITY,MO LAWRENCE,KS TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH RUNWAY OR APPROACH LIGHTS TAXI TO TAKEOFF  PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED CLEARANCE FACTOR(S) PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT REMARKS- FORWARD BAGGAGE DOOR OPENED DURING TAXI.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2400	1/5/78 TIME - 0205	NR.MILES CITY,MT	AERO COMDR 500B N6308U DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	ATP, FLIGHT INSTR., AGE 30, 3414 TOTAL HOURS, 416 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION LAST ENROUTE STOP BILLINGS,MT WOLF POINT,MT MILES CITY,MT TYPE OF ACCIDENT PHASE OF OPERATION AIRFRAME FAILURE IN FLIGHT IN FLIGHT UNCONTROLLED DESCENT  PROBABLE CAUSE(S) PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT PILOT IN COMMAND - EXCEEDED DESIGNED STRESS LIMITS OF AIRCRAFT FACTOR(S) AIRFRAME - WINGS OTHER MISCELLANEOUS ACTS, CONDITIONS - SEPARATION IN FLIGHT MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE FIRE AFTER IMPACT REMARKS- LOW ALT, HIGH SPD SEPN L WING OUTRD SECT. NITE MAIL FLT OVR UNLIGHTED TERRAIN. RPTD CLMBG TO 6000FT.						
3-2838	9/6/78 TIME - 0251	GREAT FALLS, MT	AERO COMDR 500B N6112X DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	COMMERCIAL, FL. INSTR., AGE 27, 3166 TOTAL HOURS, 650 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - GREAT FALLS INTL DEPARTURE POINT INTENDED DESTINATION HELENA, MT GREAT FALLS, MT TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER CONTROLLED LANDING FINAL APPROACH  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IFR OPERATION FACTOR(S) WEATHER - FOG WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY RADIO WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT  SKY CONDITION CEILING AT ACCIDENT SITE OVERCAST/LOWER SCATTERED 2800 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 1/2 MILE OR LESS NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE TEMPERATURE-F FOG 59 WIND DIRECTION-DEGREES WIND VELOCITY-KNOTS 300 4 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN IFR IFR REMARKS- FAILED TO ESTAB ON APP CS, EXCESS SPEED, EXCESS DESCENT RATE, DESCENDED BELOW MINS.						



BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1693	6/23/78 TIME - 1220	ASHLAND, NE	AERO COMMANDER 680 N6868S DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	AIRLINE TRANSPORT, AGE 38, 4100 TOTAL HOURS, 65 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT OMAHA, NE	INTENDED DESTINATION GRAND ISLAND, NE	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING LEVEL OFF/TOUCHDOWN		
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION WHEELS-UP				
		PROBABLE CAUSE(S) POWERPLANT - ENGINE STRUCTURE CRANKSHAFT MISCELLANEOUS ACTS/CONDITIONS - INTENTIONAL WHEELS-UP COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- A PIN WHICH SECURES A CRANKSHAFT COUNTERWEIGHT BACKED OUT RESULTING IN EXTENSIVE ENGINE DAMAGE.				
3-1917	8/8/78 TIME - 1430	LAS VEGAS, NV	BEECH C45H N481E DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 10	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	COMMERCIAL, AGE 54, 9169 TOTAL HOURS, 144 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - MC CARRAN INTL DEPARTURE POINT GRAND CANYON, AZ	INTENDED DESTINATION LAS VEGAS, NV	PHASE OF OPERATION LANDING ROLL		
		TYPE OF ACCIDENT GEAR RETRACTED				
		PROBABLE CAUSE(S) PILOT IN COMMAND - INADVERTENTLY RETRACTED GEAR REMARKS- GEAR RETRACTED INSTEAD OF FLAPS.				
3-1882	5/23/78 TIME - 0419	SYRACUSE, NY	BEECH 3NM N3127B DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	AIRLINE TRANSPORT, AGE 33, 5700 TOTAL HOURS, 1850 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - SYRACUSE-HANCOCK DEPARTURE POINT SYRACUSE, NY	INTENDED DESTINATION ROCHESTER, NY	PHASE OF OPERATION TAKEOFF RUN TAKEOFF RUN		
		TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE COLLIDED WITH DITCHES				
		PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL REMARKS- PIC REPORTED PWR LOST ON RT ENGINE, NO MALFUNCTION FOUND. TRAVELED 5000FT DRG TKOF. WT & BAL NOT EST.				

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1211	5/2/78 TIME - 2350	NR.SPIRITWOOD,ND	BEECH UC45J N94460 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	CUMMERICAL, AGE 23, 2510 TOTAL HOURS, 1222 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT JAMESTOWN,ND	INTENDED DESTINATION FARGO,ND			PHASE OF OPERATION IN FLIGHT OTHER	
	TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES					
	PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED					
	REMARKS- PHASE OF OPERATION UNK.HIT PWR LINES.					
3-4441	12/18/78 TIME - 1431	CLEVELAND,OH	DEHAVILLAND 114-2X N3FB DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 15 OT- 0 0 1	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	AIRLINE TRANSPORT, AGE 32, 3311 TOTAL HOURS, 908 IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIRPORT - CLEVELAND HOPKINS DEPARTURE POINT MANSFIELD,OH	INTENDED DESTINATION CLEVELAND,OH			PHASE OF OPERATION LANDING ROLL	
	TYPE OF ACCIDENT COLLIDED WITH AUTOMOBILE					
	PROBABLE CAUSE(S) PERSONNEL - TRAFFIC CONTROL PERSONNEL ISSUED IMPROPER OR CONFLICTING INSTRUCTIONS PERSONNEL - MISCELLANEOUS-PERSONNEL DRIVER OF VEHICLE					
	REMARKS- GND CONTROLLER CLRD ARPT VEHICLE FM PSN ON ARPT TO TRML AREA.VEHICLE COLLIDED W ACFT ON LNDG ROLL.					

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0461	2/17/78 TIME - 2332	MIDDLETOWN, PA	BEECH E18S N180X DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	ATP, FLIGHT INSTR., AGE 40, 8070 TOTAL HOURS, 2435 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - HARRISBURG INTL DEPARTURE POINT INTENDED DESTINATION MIDDLETOWN, PA PITTSBURGH, PA TYPE OF ACCIDENT PHASE OF OPERATION GROUND-WATER LOOP-SWERVE TAKEOFF RUN NOSE OVER/DOWN TAKEOFF RUN  PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SNOW WINDROWS WEATHER - FOG MISCELLANEOUS ACTS, CONDITIONS - WINDSHIELD, DIRTY, FOGGY, ETC.-RESTRICTED VISION WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT  SKY CONDITION CEILING AT ACCIDENT SITE SCATTERED UNLIMITED VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 3 MILES OR LESS NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE RELATIVE BEARING OF WIND GROUND FOG CALM WIND VELOCITY-KNOTS TYPE OF WEATHER CONDITIONS CALM VFR TYPE OF FLIGHT PLAN IFR REMARKS- SINGLE PLT OPN, ENCTRD NEWLY FORMED GND FOG DRG NIGHT TKOF, LNDG LTS ON, UNDETECTED RWY DEV TO L.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1463	7/5/78 TIME - 1615	BEAUFORT, SC	PIPER PA-32 N9885K DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 4	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-U	CUMMERICAL, AGE 29, 1320 TOTAL HUURS, 84 IN TYPE, INSIRUMENT RATEID.
NAME OF AIRPORT - BEAUFORT COUNTY DEPARTURE POINT INTENDED DESTINATION CHARLESTON, SC HILTON HEAD, SC TYPE OF ACCIDENT PHASE OF OPERATION OVERSHOOT LANDING LEVEL OFF/TOUCHDOWN COLLIDED WITH DITCHES LANDING ROLL						
PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC. FACTOR(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS WFT RUNWAY WEATHER - RAIN WEATHER - OBSTRUCTIONS TO VISION WEATHER - THUNDERSTORM ACTIVITY MISCELLANEOUS ACTS, CONDITIONS - DOWNWIND MISCELLANEOUS ACTS, CONDITIONS - RAN OFF END OF RUNWAY WEATHER BRIEFING - BRIEFED BY WEATHER BUREAU PERSONNEL, IN PERSON WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT						
SKY CONDITION CEILING AT ACCIDENT SITE UNKNOWN/NOT REPORTED 1200 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 3 MILES OR LESS RAIN SHOWERS, THUNDERSTORM OBSTRUCTIONS TO VISION AT ACCIDENT SITE RELATIVE BEARING OF WIND HAZE TAIL WIND 158-202 DEGREES TEMPERATURE-F WIND DIRECTION-DEGREES 78 20 WIND VELOCITY-KNOTS TYPE OF WEATHER CONDITIONS 6 VFR TYPE OF FLIGHT PLAN NONE REMARKS- VFR FLT NOT REC INTO DEST DUE TSTMS.DIVERTED.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3737	9/19/78 TIME - 0907	BLOUNTVILLE, TN	PIPER PA-31 N7700L DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	COMMERCIAL, FL. INSTR., AGE 22, 1826 TOTAL HOURS, 158 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - TRI-CITIES DEPARTURE POINT INTENDED DESTINATION JOHNSON CITY TN BLOUNTVILLE, TN TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION WHEELS-UP PHASE OF OPERATION LANDING FINAL APPROACH LANDING LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS, CONDITIONS - INATTENTIVE TO FUEL SUPPLY MISCELLANEOUS ACTS, CONDITIONS - FUEL EXHAUSTION COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-2 ENGINES EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
3-4247	8/13/78 TIME - 1643	AUSTIN, TX	SWEARINGEN SA226 N300TL DAMAGE-DESTROYED	CR- 0 1 1 PX- 0 1 15	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	ATP, FLIGHT INSTR., AGE 29, 4985 TOTAL HOURS, 815 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - ROBERT MUELLER DEPARTURE POINT INTENDED DESTINATION SAN ANTONIO, TX AUSTIN, TX TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION GEAR RETRACTED PHASE OF OPERATION LANDING FINAL APPROACH LANDING ROLL PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS, CONDITIONS - FUEL STARVATION PILOT IN COMMAND - FAILED TO ASSURE THE GEAR WAS DOWN AND LOCKED FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - IMPROPER EMERGENCY PROCEDURES PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC. COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPAD. REMARKS- ACFT REFUELED IN R WING W 125GAL BFR 18MIN FLT. CROSSFLOW VALVE FOUND OFF.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2860	9/7/78 TIME - 2100	SAN ANTONIO, TX	CESSNA 182Q N735UR DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	COMMERCIAL, AGE 24, 418 TOTAL HOURS, 16 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - SAN ANTONIO INTL DEPARTURE POINT INTENDED DESTINATION CORPUS CHRISTI, TX SAN ANTONIO, TX TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION LANDING FINAL APPROACH COLLIDED WITH WIRES/POLES LANDING FINAL APPROACH						
PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION INADEQUATE MAINTENANCE AND INSPECTION POWERPLANT - ENGINE CONTROLS INDUCTION AIR, PREHEAT CONTROLS MISCELLANEOUS ACTS, CONDITIONS - DISCONNECTED MISCELLANEOUS ACTS, CONDITIONS - FATIGUE FRACTURE MISCELLANEOUS ACTS, CONDITIONS - ICE-CARBURETOR						
FACTOR(S) WEATHER - CONDITIONS CONDUCTIVE TO CARB./INDUCTION SYSTEM ICING PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE WEATHER BRIEFING - RECEIVED RECORDED BRIEFING BY LFME RADIO WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
SKY CONDITION CEILING AT ACCIDENT SITE BROKEN 1200 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 3 MILES OR LESS RAIN SHOWERS OBSTRUCTIONS TO VISION AT ACCIDENT SITE TEMPERATURE-F FOG 72 WIND DIRECTION-DEGREES WIND VELOCITY-KNOTS 50 7 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN VFR IFR						
REMARKS- CARB HEAT CONTROL CABLE IMPROPERLY RIGGED, BENT, FAILED.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3978	12/20/78 TIME - 0711	DALLAS, TX	PIPER PA-31 N27604 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 4 2	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	COMMERCIAL, FL. INSTR., AGE 44, 5310 TOTAL HOURS, 429 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - DALLAS LOVE FIELD DEPARTURE POINT INTENDED DESTINATION DALLAS, TX OKLAHOMA CITY OK TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION TAKEOFF INITIAL CLIMB COLLIDED WITH RESIDENCE(S) LANDING LEVEL OFF/TOUCHDOWN  PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION IMPROPERLY SERVICED AIRCRAFT (GROUND CREW) MISCELLANEOUS ACTS, CONDITIONS - FUEL GRADE-IMPROPER FACTOR(S) PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL DEFICIENCY, COMPANY MAINTAINED EOPMT, SERVICES, REGULATION TERRAIN - HIGH OBSTRUCTIONS PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- 100LL FUEL TRUCK W JET A USED TO REFUEL ACFT. FUEL FARM TANK VENT COVERS IMPROPERLY MARKED.						
3-1315	5/19/78 TIME - 1610	MARTINSVILLE, VA	PIPER PA-31 N54292 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	COMMERCIAL, AGE 44, 2149 TOTAL HOURS, 363 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - BLUE RIDGE DEPARTURE POINT INTENDED DESTINATION MARTINSVILLE, VA ROANOKE, VA TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER CONTROLLED TAKEOFF ABORTED  PROBABLE CAUSE(S) PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF FACTOR(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION INADEQUATE INSPECTION OF AIRCRAFT (MAINTENANCE PERSONNEL) AIRFRAME - FLIGHT CONTROL SURFACES ELEVATOR ASSEMBLY, ATTACHMENTS PERSONNEL - PRODUCTION-DESIGN-PERSONNEL POOR/INADEQUATE DESIGN EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP. SUSPECTED MECHANICAL DISCREPANCY PITCH CONTROL PROBLEM REMARKS- LATE ABORT AFTER RECOGNITION OF CONTROL PROB. ELEV CONT CABLE BINDING AGAINST LIGHTNING HOLE.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1895	7/13/78 TIME - 1946	SEVERN,VA	PIPER PA-32 N3905W DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	COMMERCIAL, AGE 59, 2000 TOTAL HOURS, 110 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT CALIFORNIA,MD INTENDED DESTINATION NORFOLK,VA TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION DITCHING PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) POWERPLANT - ENGINE STRUCTURE MASTER AND CONNECTING RODS MISCELLANEOUS ACTS,CONDITIONS - LACK OF LUBRICATION-SPECIFIC PART,NOT SYSTEM MISCELLANEOUS ACTS,CONDITIONS - OVERHEATED 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- #5 CRANKPIN & BOTH CRANK ARMS WERE DARK BLUE.						
3-3316	2/10/78 TIME - 1650	RICHLAND,WA	BEECH 99 N199EA DAMAGE-DESTROYED	CR- 2 0 0 PX- 15 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	ATP,FLIGHT INSTR., AGE 28, 3250 TOTAL HOURS, 300 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - RICHLAND DEPARTURE POINT RICHLAND,WA INTENDED DESTINATION SEATTLE,WA TYPE OF ACCIDENT STALL PHASE OF OPERATION TAKEOFF INITIAL CLIMB PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED SYSTEMS - FLIGHT CONTROL SYSTEMS ELEVATOR AND ELEVATOR TAB CONTROL SYSTEM SYSTEMS - FLIGHT CONTROL SYSTEMS ELEVATOR TRIM INDICATOR SYSTEM FACTOR(S) PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL INADEQUATE FLIGHT TRAINING-PROCEDURES PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL FAILURE TO PROVIDE ADEQ.DIRECTIVES,MANUAL,EQUIPMENT PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL DEFICIENCY,COMPANY MAINTAINED EOPMT,SERVICES,REGULATION PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION PERSONNEL-INEFFECTIVE FAA SURVEILLANCE FIRE AFTER IMPACT REMARKS- HORIZ STAB OUT-OF-TRIM WARNING SYST INOP.						



## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4203	8/24/78 TIME - 0949	PULLMAN,WA	BEECH R99 N8012R DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 4	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	AIRLINE TRANSPORT, AGE 31, 6200 TOTAL HOURS, 3200 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT PULLMAN,WA		INTENDED DESTINATION WALLA WALLA,WA				
TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION MISCELLANEOUS				PHASE OF OPERATION IN FLIGHT CLIMB TO CRUISE IN FLIGHT CLIMB TO CRUISE		
PROBABLE CAUSE(S) POWERPLANT - TURBINE ASSEMBLY OTHER MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP.T. REMARKS- REDUCTION GEAR,L ENG FAILED. TURBINE OVERSPEED,DISINTEGRATED & DMGD FUSELAGE. LND OK.						
3-0050	1/17/78 TIME - 1606	CLARKSBURG,WV	BEECH R99A N1924T DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 11	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	AIRLINE TRANSPORT, AGF 26, 4850 TOTAL HOURS, 3400 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - BENEDUM DEPARTURE POINT CLARKSBURG,WV		INTENDED DESTINATION PITTSBURGH,PA				
TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE COLLIDED WITH SNOWBANK				PHASE OF OPERATION TAKEOFF RUN TAKEOFF RUN		
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS ICE/SLUSH ON RUNWAY AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS UNMARKED OBSTRUCTIONS REMARKS- CO-PILOT STATED ACFT ENTERED NEAR WHITE-OUT CONDITION.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4476	12/29/78 TIME - 0100	LYNDON STATION,WI	CESSNA 207 N1688U DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	COMMERCIAL, AGE 26, 3307 TOTAL HOURS, 22 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT FARGO,ND	INTENDED DESTINATION WHEELING,IL		LAST ENROUTE STOP MILWAUKEE,WI		
	TYPE OF ACCIDENT STALL MUSH			PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN		
	PROBABLE CAUSE(S) PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS MISCELLANEOUS ACTS.CONDITIONS - AIRFRAME ICE FACTOR(S) WEATHER - ICING CONDITIONS-INCLUDES SLEET,FREEZING RAIN,ETC. WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND ADVERSE/UNFAVORABLE WEATHER					
	SKY CONDITION BROKEN			CEILING AT ACCIDENT SITE 900		
	VISIBILITY AT ACCIDENT SITE 5 OR OVER(UNLIMITED)			PRECIPITATION AT ACCIDENT SITE SNOW SHOWERS		
	OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE			TYPE OF WEATHER CONDITIONS IFR		
	TYPE OF FLIGHT PLAN IFR					
3-4304	11/3/78 TIME - 1949	MISSING AIRCRAFT	PIPER PA-31 N59912 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	COMMERCIAL, AGE 50, 5342 TOTAL HOURS, 24 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - HARRY S TRUMAN					
	DEPARTURE POINT ST CROIX,USVI	INTENDED DESTINATION ST THOMAS,USVI				
	TYPE OF ACCIDENT MISSING AIRCRAFT,NOT RECOVERED			PHASE OF OPERATION LANDING FINAL APPROACH		
	PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED REMARKS- ACFT DAMAGE AND INJURY INDEX PRESUMED.					

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1291	1/2/78 TIME - 0800	NR.RIN GRANDE,PR	DOUGLAS DC-3 N15598 DAMAGE-SUBSTANTIAL	CR- 0 0 3 PX- 0 0 2	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	AIRLINE TRANSPORT, AGE 26, 3107 TOTAL HOURS, 965 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT ST. THOMAS, VI	INTENDED DESTINATION SAN JUAN, PR			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION DITCHING	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING LEVEL OFF/TOUCHDOWN			
PROBABLE CAUSE(S) PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS, CONDITIONS - INATTENTIVE TO FUEL SUPPLY MISCELLANEOUS ACTS, CONDITIONS - FUEL STARVATION PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC. MISCELLANEOUS ACTS, CONDITIONS - IMPROPER EMERGENCY PROCEDURES						
FACTOR(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL INADEQUATE SUPERVISION OF FLIGHT CREW PERSONNEL - MAINTENANCE, SERVICING, INSPECTION INADEQUATE INSPECTION OF AIRCRAFT (MAINTENANCE PERSONNEL) MISCELLANEOUS ACTS, CONDITIONS - CHECKLIST-FAILED TO USE MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-2 ENGINES EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER REMARKS- BOTH FUEL SELECTORS R MAIN, EMPTY, FUEL AVBL L TANKS.						
3-1823	4/27/78 TIME - 1700	CULEBRA IS. PR	PIPER PA-31 N6772L DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	COMMERCIAL, FL. INSTR., AGE 24, 2400 TOTAL HOURS, 65 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - CULEBRA DEPARTURE POINT UNKNOWN/NOT REPORTED	INTENDED DESTINATION CULEBRA IS, PR			
		TYPE OF ACCIDENT UNDERSHOOT COLLIDED WITH TREES	PHASE OF OPERATION LANDING FINAL APPROACH LANDING FINAL APPROACH			
PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND						
FACTOR(S) WEATHER - WIND SHEAR TERRAIN - HIGH OBSTRUCTIONS						
		SKY CONDITION CLEAR	CEILING AT ACCIDENT SITE UNLIMITED			
		VISIBILITY AT ACCIDENT SITE 5 OR OVER (UNLIMITED)	PRECIPITATION AT ACCIDENT SITE NONE			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE	TEMPERATURE-F 84			
		WIND VELOCITY-KNOTS 20	TYPE OF WEATHER CONDITIONS VFR			
		TYPE OF FLIGHT PLAN NONE				

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1957	4/5/78 TIME - 1645	NR.ST THOMAS,VI	GRUMMAN G-21 NR77A DAMAGE-DESTROYED	CR- 2 0 0 PX- 0 0 7	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-I	AIRLINE TRANSPORT, AGE 49, 14154 TOTAL HOURS, 5697 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT ST JOHN,VI	INTENDED DESTINATION ST CROIX,VI			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION DITCHING	PHASE OF OPERATION IN FLIGHT CLIMB TO CRUISE LANDING LEVEL OFF/TOUCHDOWN			
PROBABLE CAUSE(S)						
PILOT IN COMMAND - MISMANAGEMENT OF FUEL						
MISCELLANEOUS ACTS,CONDITIONS - INATTENTIVE TO FUEL SUPPLY						
MISCELLANEOUS ACTS,CONDITIONS - FUEL SELECTOR POSITIONED BETWEEN TANKS						
MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION						
FACTOR(S)						
PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL INADEQUATE SUPERVISION OF FLIGHT CREW						
PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL INADEQUATE FLIGHT TRAINING-PROCEDURES						
MISCELLANEOUS ACTS,CONDITIONS - CREW COORDINATION-POOR						
MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER						
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMENOUT-2 ENGINES						
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER						
3-3993	6/4/78 TIME - 1435	NR.ST.THOMAS,VI	GRUMMAN G21A N323 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 10	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-I	COMMERCIAL, AGE 45, 11500 TOTAL HOURS, 2733 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - SEA PLANE BASE	INTENDED DESTINATION ST CROIX,VIRGIN IS			
		DEPARTURE POINT ST.THOMAS,VI	PHASE OF OPERATION IN FLIGHT CLIMB TO CRUISE IN FLIGHT CLIMB TO CRUISE			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLISION WITH GROUND/WATER UNCONTROLLED				
PROBABLE CAUSE(S)						
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION						
POWERPLANT - FUEL SYSTEM RAM AIR ASSEMBLY						
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE						
PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.						
MISCELLANEOUS ACTS,CONDITIONS - IMPROPER EMERGENCY PROCEDURES						
FACTOR(S)						
PERSONNEL - PRODUCTION-DESIGN-PERSONNEL POOR/INADEQUATE DESIGN						
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- CARB AIRBOX HOT AIR TO COLD AIR VALVE LINKAGE RETAINING BOLT FAILED CAUSING AIR STARVATION.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3128	9/2/78	NR.ST THOMAS,USVI	GRUMMAN G-21A N7777V DAMAGE-DESTROYED	CR- 1 0 0 PX- 3 7 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	AIRLINE TRANSPORT, AGE 69, 42005 TOTAL HOURS, 5233 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT ST CROIX,USVI	INTENDED DESTINATION ST THOMAS,USVI			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLISION WITH GROUND/WATER CONTROLLED	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE IN FLIGHT OTHER			
PROBABLE CAUSE(S)						
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL)						
POWERPLANT - ENGINE STRUCTURE CYLINDER ASSEMBLY						
MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE						
PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING						
MISCELLANEOUS ACTS,CONDITIONS - IMPROPER EMERGENCY PROCEDURES						
FACTOR(S)						
PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL INADEQUATE SUPERVISION OF FLIGHT CREW						
PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL DEFICIENCY,COMPANY MAINTAINED EOPMT,SERVICES,REGULATION						
PERSONNEL - RULES,REGULATIONS,STANDARDS PERSONNEL						
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- STC APPROVED FLT AT 8750LBS MGW.TEST INDICATE MGW APPROX 8150LBS.						
3-4200	11/5/78	NR.ST CROIX U.S.V.I.	GRUMMAN G21A N74676 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-I	COMMERCIAL, FL.INSTR., AGE 60, 8943 TOTAL HOURS, 443 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - W.SEAPLANE BASE				
		DEPARTURE POINT ST CROIX U.S.V.I.	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION DITCHING	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING LEVEL OFF/TOUCHDOWN			
PROBABLE CAUSE(S)						
PILOT IN COMMAND - ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT						
PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING						
PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL						
FACTOR(S)						
MISCELLANEOUS ACTS,CONDITIONS - FAILURE OF TWO OR MORE ENGINES						
MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER						
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-2 ENGINES						
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER						
REMARKS- 25RPM FLUX RPTD ON L ENG PREVIOUS 3 DAYS OF FLT.200RPM FLUX DURING CLIMBOUT-CONTINUED FLT.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
6-0042	4/27/78	NR. UPOLA, W SAMOA	CESSNA 402 N35P DAMAGE-DESTROYED	CR- 1 0 0 PX- 9 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-I	CERTIFICATE UNKNOWN, AGE UNK/NR, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, UNK/NR INSTRUMENT RATED.
		DEPARTURE POINT PAGO PAGO	INTENDED DESTINATION UPOLA, W SAMOA			
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	CONTROLLED	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE		
REMARKS- INVESTIGATION UNDER THE JURISDICTION OF THE GOVERNMENT OF NEW ZEALAND.						
3-0767	3/1/78	AGANA, GUAM	CESSNA 337F N101SX DAMAGE-DESTROYED	CR- 0 0 1 PX- 2 2 1	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-I	AIRLINE TRANSPORT, AGE 29, 4420 TOTAL HOURS, 158 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - GUAM INTL DEPARTURE POINT AGANA, GUAM	INTENDED DESTINATION ROTA, TT			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH TREES	PHASE OF OPERATION TAKEOFF INITIAL CLIMB LANDING LEVEL OFF/TOUCHDOWN			
PROBABLE CAUSE(S) POWERPLANT - LUBRICATING SYSTEM PUMP-PRESSURE MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE						
FACTOR(S) WEATHER - HIGH TEMPERATURE COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
		SKY CONDITION SCATTERED	CEILING AT ACCIDENT SITE UNLIMITED			
		VISIBILITY AT ACCIDENT SITE 5 OR OVER(UNLIMITED)	PRECIPITATION AT ACCIDENT SITE NONE			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE	TEMPERATURE-F 81			
		WIND DIRECTION-DEGREES 110	WIND VELOCITY-KNOTS 11			
		TYPE OF WEATHER CONDITIONS VFR	TYPE OF FLIGHT PLAN VFR			

PART 3

ON-DEMAND AIR TAXI ACCIDENTS





Accidents, Fatalities, and Rates  
On-Demand Air Taxi  
1978

	<u>All Revenue Operations</u>	<u>Passengers</u>	<u>Cargo</u>
<u>Accidents</u>			
Total	216	141	75
Fatal	57	37	20
<u>Fatalities</u>			
Passengers	99	90	9
Crew	56	35	21
Others	<u>5</u>	<u>5</u>	<u>0</u>
Total	160	130	30
<u>Aircraft Hours Flown</u>	3,135,121		
<u>Accident Rate Per</u> <u>100,000 Hours Flown</u>			
Total	6.89		
Fatal	1.82		

ACCIDENTS, INJURIES  
ON-DEMAND AIR TAXI OPERATIONS

U.S. GENERAL AVIATION  
1978

	INJURIES					TOTAL
	FATAL	SERIOUS	MINOR	NONE	UNKNOWN	
PILOT	50	20	24	124		218
COPILOT	3	3	2	15		23
DUAL STUDENT			1			1
CHECK PILOT						
FLIGHT ENGINEER						
NAVIGATOR						
CABIN ATTENDANT	2		1	1		4
EXTRA CREW	1		1	3		5
PASSENGERS	99	42	48	233		422
 TOTAL	 155	 65	 77	 376	 ABOARD	 673
 * OTHER AIRCRAFT	 2		 1	 4		 7
OTHER GROUND	3	3	1	2		9
 GRAND TOTAL	 160	 68	 79	 382		 689

INVOLVES 216 TOTAL ACCIDENTS  
INVOLVES 57 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.

# ANALYTIC TABLE

## AIRPORT PROXIMITY BY WEATHER CONDITION

### WEATHER CONDITION

AIRPORT PROXIMITY	VER	IFR	BELOW MINIMUMS	UNK/NOT REPORTED	RECORDS	ACCIDENTS	PERCENT
ON AIRPORT	73	14	1		88	87	40.37
ON SEAPLANE BASE	1				1	1	.46
ON HELIPORT	6				6	5	2.75
ON BARGE/SHIP/PLATFORM	4				4	4	1.83
IN TRAFFIC PATTERN	8	1			9	9	4.13
WITHIN 1/4 MILE	5		1		6	6	2.75
WITHIN 1/2 MILE	4	1			5	5	2.29
WITHIN 3/4 MILE		2			2	2	.92
WITHIN 1 MILE	2	4			6	6	2.75
WITHIN 2 MILES	5	3			8	8	3.67
WITHIN 3 MILES	2	2			4	4	1.83
WITHIN 4 MILES		2			2	2	.92
WITHIN 5 MILES	3				3	3	1.38
BEYOND 5 MILES	47	17	2		66	66	30.28
UNKNOWN/NOT REPORTED	4	2	2		8	8	3.67
RECORDS	164	48	1	5	218		
ACCIDENTS	162	48	1	5		216	
PERCENTS	75.2	22.0	.5	2.3			

# ANALYTIC TABLE

## TYPE OF AIRCRAFT AND CONDITIONS OF LIGHT

### CONDITIONS OF LIGHT

TYPE OF FLIGHT PLAN	DAWN	DAYLIGHT	DUSK / TWILIGHT	NIGHT / DARK	NIGHT / BRIGHT	UNKNOWN / NOT REPORTED	RECORDS	ACCIDENTS	PERCENT
NONE	2	68	6	16	1	1	94	93	43.12
VFR	2	43	5	3	2		55	54	25.23
IFR	2	22	2	28	4		58	58	26.61
CONTROLLED VFR									
IFR (VFR CONDITIONS ON TOP)									
TOWER EN ROUTE CONTROL SERVICE									
DVFR									
VFR FLIGHT FOLLOWING SERVICE									
SPECIAL VFR				1			1	1	.46
OTHER	1	5	1	1			8	8	3.67
UNKNOWN/NOT REPORTED		1		1			2	2	.92
RECORDS	7	139	14	50	7	1	218		
ACCIDENTS	7	137	14	50	7	1		216	
PERCENTS	3.2	63.8	6.4	22.9	3.2	.5			

# ANALYTIC TABLE

## FIRST TYPE OF ACCIDENT BY AIRCRAFT DAMAGE

FIRST TYPE OF ACCIDENT	AIRCRAFT DAMAGE				RECURS	ACCIDENTS	PERCENT
	DESTROYED	SUBSTANTIAL	MINOR	NONE			
GROUND-WATER LOOP-SWERVE		12			12	12	5.50
DRAGGED WINGTIP POD OR FLOAT	1				1	1	.46
WHEELS-UP LANDING		5			5	5	2.29
WHEELS-DOWN LANDING IN WATER							
GEAR COLLAPSED		6			6	6	2.75
GEAR RETRACTED		8			8	8	3.67
HARD LANDING	1	1			2	2	.92
NOSE OVER/DOWN		10			10	10	4.59
ROLL OVER							
OVERSHOOT	2	8			10	10	4.59
UNDERSHOOT	1	5			6	6	2.75
<u>COLLISION BETWEEN AIRCRAFT</u>							
BOTH IN FLIGHT	1				1	1	.46
ONE AIRBORNE							
BOTH ON GROUND		6	2		8	6	3.67
<u>COLLISION WITH GROUND/WATER</u>							
CONTROLLED	19	10			29	29	13.30
UNCONTROLLED	8	3			11	11	5.05
<u>COLLIDED WITH</u>							
WIRES/POLES	3				3	3	1.38
TREES	5				5	5	2.29
RESIDENCE/S							
BUILDING/S							
FENCE, FENCEPOSTS	1	1			2	2	.92
ELECTRONIC TOWERS	1				1	1	.46
RUNWAY OR APPROACH LIGHTS		1			1	1	.46
AIRPORT HAZARD		1			1	1	.46
ANIMALS							
CROP							
FLAGMAN LOADER							
DITCHES							
SNOWBANK		4			4	4	1.83
PARKED AIRCRAFT (UNATTENDED)	1				1	1	.46
AUTOMOBILE		4			4	4	1.83
DIRT BANK		1			1	1	.46
OTHER	3	8			11	11	5.05

## ANALYTIC TABLE

## FIRST TYPE OF ACCIDENT BY AIRCRAFT DAMAGE

AIRCRAFT DAMAGE

<u>FIRST TYPE OF ACCIDENT</u>	<u>DESTROYED</u>	<u>SUBSTANTIAL</u>	<u>MINOR</u>	<u>NONE</u>	<u>RECORDS</u>	<u>ACCIDENTS</u>	<u>PERCENT</u>
BIRD STRIKE							
<u>STALL</u>	1	2			3	3	1.38
SPIN							
SPIRAL	2				2	2	.92
MUSH	1	3			4	4	1.83
<u>FIRE OR EXPLOSION</u>							
IN FLIGHT		4			4	4	1.83
ON GROUND		1			1	1	.46
<u>AIRFRAME FAILURE</u>							
IN FLIGHT							
ON GROUND							
ENGINE TFWARAWAY							
ENGINE FAILURE OR MALFUNCTION	14	23			37	37	16.97
<u>PROPELLER/ROTOR FAILURE</u>							
PROPELLER		1			1	1	.46
TAIL ROTOR	3	3			6	6	2.75
MAIN ROTOR	2	2			4	4	1.83
PROP ROTOR ACNT TO PERSON							
JET INTAKE/EXH ACNT TO PERS							
PROPELLER/JET/ROTOR BLAST		1			1	1	.46
TURBULENCE	4				4	4	1.83
HAIL DAMAGE TO AIRCRAFT							
LIGHTNING STRIKE		1			1	1	.46
EVASIVE MANEUVER							
UNCONTROLLED ALT DEVIATION							
DITCHING							
MISSING ACFT NOT RECOVERED	3				3	3	1.38
MISCELLANEOUS/OTHER		2			2	2	.92
UNDETERMINED	2				2	2	.92
RECORDS	79	137	2		218		
ACCIDENTS	79	136	2			216	
PERCENTS	36.2	62.8	.9	.0			

# ANALYTIC TABLE

## FIRST PHASE OF OPERATION BY INJURY INDEX

FIRST OPERATIONAL PHASE	INJURY INDEX				RECORDS	ACCIDENTS	PERCENT
	FATAL	SERIOUS	MINOR	NONE			
<u>STATIC</u>							
STARTING ENGINE/S			2		2	2	.92
IDLING ENGINE/S		1	1		2	2	.92
ENGINE RUNUP							
IDLING ROTORS			1		1	1	.46
PARKED-ENGINES NOT OPERATING							
OTHER							
<u>TAXI</u>							
TO TAKEOFF			11		11	11	5.05
FROM LANDING			4		4	4	1.83
OTHER							
GROUND TAXI TO TAKEOFF							
GROUND TAXI FROM LANDING							
GROUND TAXI, OTHER							
AERIAL TAXI TO TAKEOFF							
AERIAL TAXI TO/FROM LANDING							
AERIAL TAXI, OTHER							
<u>TAKEOFF</u>							
RUN		2	4	7	13	13	5.96
INITIAL CLIMB	8	5	2	4	19	19	8.72
VERTICAL			1	2	3	3	1.38
RUNNING (ROTORCRAFT/VTOL-STOL)							
ABORTED (FIXED-WING)				4	4	4	1.83
ABORTED (ROTORCRAFT/VTOL)							
ABORTED (ROTORCRAFT/STOL)		1			1	1	.46
OTHER							
<u>INFLIGHT</u>							
CLIMB TO CRUISE	1			3	4	4	1.83
NORMAL CRUISE	14	7	6	18	45	45	20.64
DESCENDING	5		2	3	10	10	4.59
HOLDING (IFR)							
HOVERING	1		1	1	3	3	1.38
POWER-ON DESCENT (ROTORCRAFT)							
AUTOROTATIVE DESCENT							
ACROBATICS							
BUZZING							

# ANALYTIC TABLE

## FIRST PHASE OF OPERATION BY INJURY INDEX

FIRST OPERATIONAL PHASE	INJURY INDEX				RECORDS	ACCIDENTS	PERCENT
	FATAL	SERIOUS	MINOR	NONE			
UNCONTROLLED DESCENT	6	1			7	7	3.21
EMERGENCY DESCENT							
LOW PASS	1				1	1	.46
OTHER	3				3	3	1.38
EN ROUTE TO TREAT CRCP							
FN 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							
<u>LANDING</u>							
TRAFFIC PATTERN-CIRCLING	1	1			2	2	.92
FINAL APPROACH (VFR)	6	4		4	14	14	6.42
INITIAL APPROACH			1		1	1	.46
FINAL APPROACH (IFR)	4	1		1	6	6	2.75
LEVEL OFF/TOUCHDOWN		1	2	18	21	21	9.63
ROLL (FIXED WING)			4	22	26	26	11.93
ROLL-ON/RUN-ON (ROTORCRAFT)							
POWER-ON LANDING (ROTORCRAFT)	1		1	2	4	4	1.83
POWER-OFF AUTOROTATIVE LDG							
GO-AROUND (VFR)				3	3	3	1.38
MISSED APPROACH (IFR)	1		1		2	2	.92
OTHER		1			1	1	.46
UNKNOWN/NOT REPORTED	5				5	5	2.29
RECORDS	57	24	26	111	218		
ACCIDENTS	57	24	26	109		216	
PERCENTS	26.1	11.0	11.9	50.9			



CAUSE/FACTOR TABLE  
ON-DEMAND AIR TAXI ACCIDENTS

U.S. GENERAL AVIATION  
1978

(EXCLUDES ACCIDENTS WITHOUT CAUSAL ASSIGNMENT)

INVOLVES 216 TOTAL ACCIDENTS

INVOLVES 57 FATAL ACCIDENTS

BROAD CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL*	CAUSE	FACTOR	TOTAL*	CAUSE	FACTOR	TOTAL*
PILOT	40 70.18	5 8.77	41 71.93	112 70.44	9 5.66	113 71.07	152 70.37	14 6.48	154 71.30
PERSONNEL	5 8.77	4 7.02	8 14.04	23 14.47	9 5.66	30 18.87	28 12.96	13 6.02	38 17.59
AIRFRAME	1 1.75	1 1.75	2 3.51	.00	1 .63	1 .63	1 .46	2 .93	3 1.39
LANDING GEAR	.00	.00	.00	15 9.43	1 .63	16 10.06	15 6.94	1 .46	16 7.41
POWERPLANT	4 7.02	1 1.75	5 8.77	19 11.95	4 2.52	21 13.21	23 10.65	5 2.31	26 12.04
SYSTEMS	1 1.75	.00	1 1.75	1 .63	2 1.26	3 1.89	2 .93	2 .93	4 1.85
INSTRUMENTS/EQUIPMENT & ACCESSORIES	.00	1 1.75	1 1.75	.00	.00	.00	.00	1 .46	1 .46
ROTORCRAFT	3 5.26	.00	3 5.26	5 3.14	.00	5 3.14	8 3.70	.00	8 3.70
AIRPORT/AIRWAYS/FACILITIES	.00	.00	.00	2 1.26	18 11.32	20 12.58	2 .93	18 8.33	20 9.26
WEATHER	2 3.51	24 42.11	25 43.86	5 3.14	38 23.90	43 27.04	7 3.24	62 28.70	68 31.48
TERRAIN	1 1.75	5 8.77	6 10.53	7 4.40	19 11.95	26 16.35	8 3.70	24 11.11	32 14.81
MISCELLANEOUS	3 5.26	.00	3 5.26	5 3.14	2 1.26	7 4.40	8 3.70	2 .93	10 4.63
UNDETERMINED	8 14.04	.00	8 14.04	5 3.14	.00	5 3.14	13 6.02	.00	13 6.02

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

CAUSE/FACTOR TABLE  
ON-DEMAND AIR TAXI ACCIDENTS

U.S. GENERAL AVIATION  
1978

(EXCLUDES ACCIDENTS WITHOUT CAUSAL ASSIGNMENT)

INVOLVES 216 TOTAL ACCIDENTS

INVOLVES 57 FATAL ACCIDENTS

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
** PILOT **									
PILOT IN COMMAND									
ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT		1	1	2	2	2	1	3	3
ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL	2		2	1	1	2	3		3
CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS	18		18	8	8	26		26	26
CONTINUED INTO KNOWN AREA OF SEVERE TURBULENCE	1		1			1	1		1
DELAYED ACTION IN ABORTING TAKEOFF				3	3	3	3		3
DELAYED IN INITIATING GO-AROUND	1		1	6	6	7	7		7
DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT				4	4	4	4		4
FAILED TO EXTEND LANDING GEAR				2	2	2	2		2
FAILED TO RETRACT LANDING GEAR				1	1	1	1		1
INADVERTENTLY RETRACTED GEAR				3	3	3	3		3
FAILED TO SEE AND AVOID OTHER AIRCRAFT	1		1	1	1	2	2		2
FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS				2	2	2	2		2
FAILED TO OBTAIN/MAINTAIN FLYING SPEED	3		3	5	5	8	8		8
FAILED TO MAINTAIN ADEQUATE ROTOR RPM				3	3	3	3		3
FAILED TO USE OR INCORRECTLY USED MISC EQUIPMENT	1		1			1	1		1
FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES ETC	1		1	8	1	9	9	1	10
IMPROPER OPERATION OF POWERPLANT + POWERPLANT CONTROLS				4	4	4	4		4
IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS				3	3	3	3		3
IMPROPER OPERATION OF FLIGHT CONTROLS	1		1	1	1	2	2		2
PREMATURE LIFT OFF				3	3	3	3		3
IMPROPER LEVEL OFF				3	3	3	3		3
IMPROPER IFR OPERATION	4		4	3	3	7	7		7
IMPROPER IN-FLIGHT DECISIONS OR PLANNING	8		8	10	1	11	18	1	19
IMPROPER COMPENSATION FOR WIND CONDITIONS				4	4	4	4		4
INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING	4		4	14	2	16	18	2	20
INADEQUATE SUPERVISION OF FLIGHT	1		1	1	1	2	2		2
LACK OF FAMILIARITY WITH AIRCRAFT					1	1		1	1
MISMANAGEMENT OF FUEL	1		1	10	10	11	11		11
EXERCISED POOR JUDGMENT				2	2	2	2		2
OPERATED CARELESSLY					1	1		1	1
SELECTED UNSUITABLE TERRAIN		1	1	8	1	9	8	2	10
IMPROPER STARTING PROCEDURES				1	1	1	1		1
TAXIED/PARKED WITHOUT PROPER ASSISTANCE				1	1	1	1		1
FAILED TO ASSURE THE GEAR WAS DOWN AND LOCKED				3	3	3	3		3
INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS		1	1	3	3	3	3	1	4
SPONTANEOUS-IMPROPER ACTION	1		1			1	1		1
MISJUDGED DISTANCE AND SPEED	1		1	9	9	10	10		10
MISJUDGED DISTANCE AND ALTITUDE				6	6	6	6		6
MISJUDGED SPEED AND CLEARANCE				2	2	2	2		2
MISJUDGED ALTITUDE AND CLEARANCE	2		2	3	3	5	5		5
MISJUDGED ALTITUDE				4	4	4	4		4
MISJUDGED CLEARANCE	2		2	3	3	5	5		5
INCAPACITATION	1		1			1	1		1
PHYSICAL IMPAIRMENT	1	1	2			1	1	1	2
SPATIAL DISORIENTATION	4		4	3	3	7	7		7
PSYCHOLOGICAL CONDITION					1	1		1	1
MISUSED OR FAILED TO USE FLAPS	1		1	3	3	4	4		4
FAILED TO MAINTAIN DIRECTIONAL CONTROL				5	5	5	5		5
SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND				4	4	4	4		4
FAILED TO ABORT TAKEOFF				4	4	4	4		4
FAILED TO INITIATE GO-AROUND				3	1	4	3	1	4
SUBTOTAL	60	4	64	172	9	181	232	13	245
COPILOT									
FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC					1	1		1	1
MISJUDGED DISTANCE AND ALTITUDE	1		1				1		1
SPATIAL DISORIENTATION		1	1					1	1
FAILED TO MAINTAIN DIRECTIONAL CONTROL				1	1	1	1		1
SUBTOTAL	1	1	2	1	1	2	2	2	4

## CAUSE/FACTOR TABLE

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
** PERSONNEL **									
RULES, REGULATIONS, STANDARDS PERSONNEL									
FLIGHT INSTRUCTOR									
MAINTENANCE, SERVICING, INSPECTION									
IMPROPER MAINTENANCE(MAINTENANCE PERSONNEL)				4	2	6	4	2	6
IMPROPERLY SERVICED AIRCRAFT(GROUND CREW)				1		1	1		1
INADEQUATE INSPECTION OF AIRCRAFT(MAINTENANCE PERSONNEL)				1	1	2	1	1	2
INADEQUATE MAINTENANCE AND INSPECTION	2		2	3	1	4	5	1	6
OPERATIONAL SUPERVISORY PERSONNEL									
INADEQUATE FLIGHT TRAINING-PROCEDURES		1	1					1	1
INADEQUATE SUPERVISION OF FLIGHT CREW				1	1	2	1	1	2
FAILURE TO PROVIDE ADEQ DIRECTIVES, MANUALS, EQUIPMENT				1	1	2	1	1	2
DEFICIENCY, COMPANY MAINTAINED EUMT, SERV, REGULATIONS		2	2	1	1	2	1	3	4
WEATHER PERSONNEL									
TRAFFIC CONTROL PERSONNEL									
FAILURE TO ADVISE OF UNSAFE AIRPORT CONDITION				1		1	1		1
AIRPORT SUPERVISORY PERSONNEL									
IMPROPER MAINTENANCE-AIRPORT FACILITIES				1		1	1		1
FAILURE TO NOTIFY OF UNSAFE COND/AND OR FAILURE TO MARK					1	1		1	1
IMPROPER/INADEQUATE SNOW REMOVAL				1		1	1		1
AIRWAYS FACILITIES PERSONNEL									
PRODUCTION-DESIGN-PERSONNEL									
SUBSTANDARD QUALITY CONTROL	1		1				1		1
POOR/INADEQUATE DESIGN					2	2		2	2
MISCELLANEOUS-PERSONNEL									
PILOT OF OTHER AIRCRAFT	1		1	4		4	5		5
PASSENGER	1		1				1		1
DRIVER OF VEHICLE				4		4	4		4
OTHER		2	2	1		1	1	2	3
THIRD PILOT									
FLIGHT ENGINEER									
FLIGHT PERSONNEL									
DISPATCHING (AIR CARRIER ONLY)									
SUBTOTAL	5	5	10	24	10	34	29	15	44
** AIRFRAME **									
WINGS									
WINGTIPS					1	1		1	1
FUSELAGE									
LANDING GEAR									
MAIN GEAR-SHOCK ABSORBING ASSY, STRUTS, ATTACHMENTS, ETC				3		3	3		3
NORMAL RETRACTION/EXTENSION ASSEMBLY				4		4	4		4
EMERGENCY/EXTENSION ASSEMBLY					1	1		1	1
BRAKING SYSTEM (NORMAL)				5		5	5		5
GEAR LOCKING MECHANISM				3		3	3		3
FLIGHT CONTROL SURFACES									
AILERON, SURFACES ATTACHMENTS		1	1					1	1
OTHER	1		1				1		1
SUBTOTAL	1	1	2	15	2	17	16	3	19
** POWERPLANT **									
ENGINE STRUCTURE									
CRANKSHAFT				1		1	1		1
MASTER AND CONNECTING RODS	1		1				1		1
PISTON, PISTON RINGS	1		1				1		1
IGNITION SYSTEM									
MAGNETOES	1		1	2	1	3	3	1	4
SPARK PLUG				1		1	1		1
FUEL SYSTEM									
LINES AND FITTINGS				1		1	1		1
FUEL INJECTION SYSTEM					1	1		1	1
LUBRICATING SYSTEM									
COOLING SYSTEM									
PROPELLER AND ACCESSORIES									
BLADES				1		1	1		1
EXHAUST SYSTEM									
MANIFOLDS					1	1		1	1
STACKS				1		1	1		1
EXTERNAL SUPERCHARGER	1		1				1		1
OTHER				1		1	1		1
ENGINE ACCESSORIES									
VACUUM PUMPS		1	1					1	1

## CAUSE/FACTOR TABLE

## POWERPLANT (CONTINUED)

DETAILED CAUSE/FACTOR -----	FATAL ACCIDENTS -----			NONFATAL ACCIDENTS -----			ALL ACCIDENTS -----		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
ENGINE CONTROLS									
POWERPLANT-INSTRUMENTS									
POWER INDICATORS				1		1	1		1
FUEL QUANTITY GAUGE					1	1		1	1
MISCELLANEOUS									
POWERPLANT FAILURE FOR UNDETERMINED REASONS	1		1	10		10	11		11
REDUCTION GEAR ASSEMBLY									
COMPRESSOR ASSEMBLY									
COMBUSTION ASSEMBLY									
TURBINE ASSEMBLY									
ACCESSORY DRIVE ASSEMBLY									
LUBRICATING SYSTEM									
FUEL SYSTEM									
FUEL CONTROL				1		1	1		1
SAFETY SYSTEM									
IGNITION SYSTEM									
TORQUEMETER									
AIR BLEED									
EXHAUST SYSTEM									
THRUST REVERSER									
PROPELLER SYSTEM									
CONSTANT SPEED DRIVE									
POWER LEVER									
PROPELLER LEVER									
REVERSE THRUST LEVER									
ENGINE INDICATING EQUIPMENT									
ENGINE INSTALLATION									
SUBTOTAL	5	1	6	20	4	24	25	5	30
** SYSTEMS **									
ELECTRICAL SYSTEM									
RELAYS AND WIRING				1	1	2	1	1	2
HYDRAULIC SYSTEM									
SEALS					1	1		1	1
FLIGHT CONTROL SYSTEMS									
ELEVATOR AND ELEVATOR TAB CONTROL SYSTEM	1		1				1		1
ANTI-ICING, DE-ICING SYSTEMS									
AIR CONDITION, HEATING AND PRESSURIZATION									
AUTO PILOT									
FIRE WARNING SYSTEM									
FIRE EXTINGUISHER SYSTEM									
OXYGEN SYSTEM									
OTHER SYSTEMS									
SUBTOTAL	1		1	1	2	3	2	2	4
** INSTRUMENTS/EQUIPMENT AND ACCESSORIES **									
FLIGHT AND NAVIGATION INSTRUMENTS									
COMMUNICATIONS AND NAVIGATION EQUIPMENT									
TRANSMITTERS AND/OR RECEIVERS		1	1					1	1
MISCELLANEOUS EQUIPMENT									
SUBTOTAL		1	1					1	1
** ROTORCRAFT **									
ROTOR ASSEMBLIES									
MAIN ROTOR BLADES	1		1	1		1	2		2
TAIL ROTOR BLADES				1		1	1		1
UNIVERSAL JOINTS, COUPLINGS				1		1	1		1
OTHER	1		1				1		1
TRANSMISSION ROTOR DRIVE SYSTEM									
MAIN ROTOR DRIVE SHAFT				1		1	1		1
MAIN ROTOR PULLEYS, BELTS				1		1	1		1
FLIGHT CONTROL SYSTEMS									
TAIL ROTOR PITCH CONTROL SYSTEM	1		1				1		1
MISCELLANEOUS UNITS AND ASSEMBLIES									
SUBTOTAL	3		3	5		5	8		8
** AIRPORTS/AIRWAYS/FACILITIES **									
AIRPORT FACILITIES									

# CAUSE/FACTOR TABLE

## AIRPORTS/AIRWAYS/FACILITIES (CONTINUED)

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
RUNWAY LIGHTING					4	4		4	4
AIRPORT CONDITIONS									
WET RUNWAY					2	2		2	2
ICE/SLUSH ON RUNWAY				1	4	5	1	4	5
SNOW ON RUNWAY					4	4		4	4
SNOW WINDROWS					1	1		1	1
UNMARKED OBSTRUCTIONS					1	1		1	1
POORLY MAINTAINED RUNWAY SURFACE				1	3	4	1	3	4
SOFT RUNWAY				1	2	3	1	2	3
OTHER					1	1		1	1
AIRWAYS FACILITIES									
SUBTOTAL				3	22	25	3	22	25
** WEATHER **									
LOW CEILING		18	18		11	11		29	29
RAIN		7	7		4	4		11	11
FOG		11	11		13	13		24	24
SNOW		1	1	1	5	6	1	6	7
ICING CONDITIONS-INCLUDES SLEET, FREEZING RAIN, ETC		1	1	1	3	4	1	4	5
CONDITIONS CONDUCTIVE TO CARB/INDUCTION SYSTEM ICING					4	4		4	4
UNFAVORABLE WIND CONDITIONS				2	9	11	2	9	11
WIND SHEAR	1		1				1		1
SUDDEN WINDSHIFT		1	1		1	1		2	2
TURBULENCE ASSOCIATED WITH CLOUDS AND/OR THUNDERSTORMS	1	2	3				1	2	3
DOWNDRAFTS, UPDRAFTS		1	1		1	1		2	2
LIGHTNING STRIKE				1		1	1		1
HIGH DENSITY ALTITUDE					2	2		2	2
THUNDERSTORM ACTIVITY	1	1	2		1	1	1	2	3
OTHER					1	1		1	1
SUBTOTAL	3	43	46	5	55	60	8	98	106
** TERRAIN **									
WET, SOFT GROUND				1	1	2	1	1	2
SNOW-COVERED					3	3		3	3
HIGH VEGETATION					3	3		3	3
HIDDEN OBSTRUCTIONS				1		1	1		1
ROUGH/UNEVEN		1	1	1	2	3	1	3	4
ROUGH WATER					2	2		2	2
GLASSY WATER		1	1		1	1		2	2
HIGH OBSTRUCTIONS		3	3	2	6	8	2	9	11
OTHER	1		1	2	1	3	3	1	4
SUBTOTAL	1	5	6	7	19	26	8	24	32
** MISCELLANEOUS **									
FOREIGN OBJECT DAMAGE				1		1	1		1
SMOKE IN COCKPIT					1	1		1	1
FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS	1		1		1	1	1		2
UNDETERMINED	8		8	5		5	13		13
VORTEX TURBULENCE	1		1	2		2	3		3
PROP/JET/ROTOR BLAST				1		1	1		1
EVASIVE MANEUVER TO AVOID COLLISION				1		1	1		1
DIRECT ENTRIES	1		1				1		1
SUBTOTAL	11		11	10	2	12	21	2	23
GRAND TOTAL	91	61	152	263	126	389	354	187	541
** MISCELLANEOUS ACTS, CONDITIONS **									
FIRE OF UNDETERMINED ORIGIN					1	1		1	1
PREVIOUS DAMAGE	1		1	2		2	3		3
CIRCUIT BREAKER POPPED					1	1		1	1
ARCING					1	1		1	1
DOWNDRAFT					6	6		6	6
OVER TORQUED				1		1	1		1
LOOSE, PART/FITTING	1		1	1	2	3	2	2	4
DETERIORATED				1		1	1		1
DISCONNECTED				1		1	1		1
ERRATIC	1		1		1	1	1	1	2
IMPROPERLY INSTALLED	1		1	1		1	2		2

# CAUSE/FACTOR TABLE

## MISCELLANEOUS ACTS, CONDITIONS (CONTINUED)

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
OVERHEATED	1		1		1	1	1	1	2
EXCESSIVE PRESSURE					1	1		1	1
PRESSURE, NONE				1		1	1		1
VIBRATION, EXCESSIVE				1		1	1		1
ICE-INDUCTION				1		1	1		1
INTENTIONAL GROUND-WATER LOOP-SWERVE				1	2	3	1	2	3
INTENTIONAL WHEELS UP				1	2	3	1	2	3
RAN OFF END OF RUNWAY					11	11		11	11
ALTIMETER SETTING-INCORRECT					1	1		1	1
ANTI-ICING/DEICING EQUIP-IMPROPER OPER. OF/FAILED TO USE	1		1	3		3	4		4
CREW COORDINATION-POOR					1	1		1	1
DISREGARD OF GOOD OPERATING PRACTICE				1	3	4	1	3	4
IMPROPER EMERGENCY PROCEDURES	2		2	3	2	5	5	2	7
INSTRUMENTS-MISREAD OR FAILED TO READ				1		1	1		1
NOT ALLIGNED WITH RUNWAY/INTENDED LANDING AREA				1		1	1		1
UNWARRANTED LOW FLYING	1	4	5				1	4	5
FAILED TO EXTEND THE LANDING FLAPS				1		1	1		1
FAILED TO USE ALL AVAILABLE RUNWAY				1	1	2	1	1	2
INATTENTIVE TO FUEL SUPPLY		1	1	2		2	2	1	3
FLW INTO BLIND CANYON	1	1	2		1	1	1	2	3
POORLY PLANNED APPROACH					1	1		1	1
MISCALCULATED FUEL CONSUMPTION				3		3	3		3
IMPROPERLY SECURED				2	1	3	2	1	3
ELECTRICAL FAILURE					1	1		1	1
FATIGUE FRACTURE	1		1	4		4	5		5
FUEL GRADE-IMPROPER				1		1	1		1
HYDRAULIC FAILURE				3	1	4	3	1	4
WINDSHIELD, DIRTY, FOGGY, ETC-RESTRICTED VISION					1	1		1	1
WRONG PART					1	1		1	1
IMPROPER ALIGNMENT/ADJUSTMENT	1		1				1		1
FAILURE OF TWO OR MORE ENGINES					2	2		2	2
SEPARATION IN FLIGHT		2	2		2	2		4	4
FIRE IN CABIN/ COCKPIT/ BAGGAGE COMPARTMENT					1	1		1	1
FIRE IN ENGINE					1	1		1	1
CORRODED/CORROSION				1		1	1		1
CARGO SHIFTED				1		1	1		1
PILOT FATIGUE	1		1				1		1
FUEL EXHAUSTION	1		1	9		9	10		10
ALCOHOLIC IMPAIRMENT OF EFFICIENCY AND JUDGMENT	1	1	2				1	1	2
ICE-IN FUEL	1		1				1		1
ICE-ENGINE				1		1	1		1
ICE-CARBURETOR				2		2	2		2
AIRFRAME ICE				2	1	3	2	1	3
ICE-WINDSHIELD				2	3	5	2	3	5
IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR CG				2	2	4	2	2	4
INTERFERENCE WITH FLIGHT CONTROLS	2		2				2		2
WHITEOUT		2	2	1	1	2	1	3	4
SUNGLARE					1	1		1	1
LACK OF LUBRICATION-SPECIFIC PART, NOT SYSTEM				1		1	1		1
WATER IN FUEL	2		2				2		2
AIRCRAFT CAME TO REST IN WATER		10	10		10	10		20	20
MISSING				1		1	1		1
HYDROPLANING ON WET RUNWAY					2	2		2	2
OVERLOAD FAILURE				1	11	12	1	11	12
MATERIAL FAILURE	2	1	3	13	1	14	15	2	17
FUEL STARVATION	1		1	1		1	2		2
IMPROPER CLEARANCE-TOLERANCE	1		1				1		1

## DIRECT ENTRY CAUSES

MISC- UNDETERMINED LOSS OF AIRCRAFT CONTROL.

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

LISTING OF ON-DEMAND AIR TAXI ACCIDENTS

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

FILE NUMBER -----	AIRCRAFT REGIST. -----	DATE -----	LOCATION -----	AIRCRAFT MAKE -----	MODEL -----	INJURY INDEX -----
3 0013	N5080J	011278	MUSCATINE,IA	CESSNA	310R	NONE
3 0033	N18E	012478	DUBOIS,PA	AEROSTAR	601P	FATAL
3 0038	N972AC	021778	FORT SMITH,AR	CESSNA	310Q	SERIOUS
3 0041	N5420F	012278	LAUREL,MD	PIPER	PA-32R	SERIOUS
3 0149	N121VC	011678	SCAMMON BAY,AK	PIPER	PA-31	NONE
3 0168	N98DK	011678	CINCINNATI, OH	LEAR JET	24D	NONE
3 0260	N87977	020878	QUILLAYUTE,WA	HILLER ACFT	UH-12D	NONE
3 0264	N1454T	011778	NBARROW,AK	DEHAVND CAN	DHC-2	NONE
3 0276	N7451L	020878	BLUFFTON,OH	PIPER	PA-31	NONE
3 0286	N888CA	030778	HUTCHINSON,KS	AERO COMDR	500B	NONE
3 0298	N47574	021078	DANBURY,CT	PIPER	PA-32R	FATAL
3 0304	N3930G	012678	BUFFALO,NY	CESSNA	206U	NONE
3 0351	N869JA	012078	NTOKSOOK BAY,AK	BRITTNORMAN	BN-2A	FATAL
3 0368	N240Q	020978	WESTWOOD,MA	ENSTROM	F-28A	NONE
3 0379	N779QA	021778	QUAKERTOWN,PA	BEECH	D95A	NONE
3 0433	N6910J	041178	FISHERS ISLAND,NY	PIPER	PA-28	NONE
3 0443	N180P	030278	ROCKINGHAM,NC	BEECH	B18G	SERIOUS
3 0446	N342N	030478	NORFOLK,VA	BEECH	B65	NONE
3 0454	N8114M	030778	LAUREL,MS	CESSNA	310I	FATAL
3 0495	N140AL	040478	NGALVESTON,TX	BELL	212	FATAL
3 0505	N206AM	041178	HELENA,MT	CESSNA	206	NONE

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FILE NUMBER -----	AIRCRAFT REGIST. -----	DATE -----	LOCATION -----	AIRCRAFT MAKE -----	MODEL -----	INJURY INDEX -----
3 0514	N91304	013078	KIPNUK,AK	CESSNA	180	MINOR
3 0567	N69316	031678	NAPLES,FL	CESSNA	402B	NONE
3 0570	N383R	031478	WEST COLUMBIA,SC	BEECH	E18S	NONE
3 0653	N4307W	021878	GENOA PEAK,NV	BEECH	58	FATAL
3 0698	N1485M	012478	NBREVIG MISSION,AK	CESSNA	206	SERIOUS
3 0711	N21531	032078	HAZARD,KY	CESSNA	182	MINOR
3 0720	N1828D	011678	SAVANNAH,GA	BEECH	D18	NONE
3 0737	N16718	042878	NINTRACSTL CITY,LA	BELL	206B	NONE
3 0753	N4108T	030478	NGALLUP,NM	CESSNA	320	FATAL
3 0761	N5187U	042378	AKIACHAK,AK	CESSNA	206	NONE
3 0795	N8182J	032378	NMORGAN CITY,LA	BELL	47G-4A	FATAL
3 0808	N5412U	032878	NGRANBY,CO	BEECH	95-C55	SERIOUS
3 0848	N4731F	040878	ST.PETERSBURG,FL	PIPER	PA-28	FATAL
3 0906	N40255	012478	UMIAT,AK	PIPER	PA-23	SERIOUS
3 0938	N1147V	050378	SIKESTON,MO	CESSNA	R172	NONE
3 0953	N6858Y	042078	DRYDEN,NY	PIPER	PA-23	MINOR
3 0991	N7354U	032278	NRIVERSIDE,CA	CESSNA	T207A	FATAL
3 1051	N29179	012478	NPOINT SPENCER,AK	CESSNA	206	SERIOUS
3 1058	N38642	032078	PONTIAC,MI	PIPER	PA-32R	NONE
3 1084	N1155W	051678	NMEMPHIS,TN	BELL	47J-2A	NONE
3 1089	N77DC	010678	MOBILE,AL	BEECH	D-55	NONE



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3 1108	N1401T	041178	MACON,GA	PIPER	PA-34	NONE
3 1161	N6143X	022878	NSOLVANG,CA	AERO CMDR	500A	FATAL
3 1273	N5130J	052678	BROWNSVILLE,TX	CESSNA	310R	NONE
3 1289	N7263R	052278	KALSKAG,AK	BEECH	58	NONE
3 1313	N51D	060878	NASHVILLE,TN	DOUGLAS	DC-3	NONE
3 1430	N9057Y	052378	FLEETVILLE,PA	PIPER	PA-31	FATAL
3 1448	N9584F	062378	ATLANTA,GA	HUGHES	269C	FATAL
3 1483	N73819	071178	NRIGGINS,ID	CESSNA	172	NONE
3 1489	N2174F	060978	NBILLINGS,MT	CESSNA	U206	NONE
3 1549	N8241M	042878	NCORONA,NM	CESSNA	210K	NONE
3 1550	N16873	050978	NWESTWATER,UT	BELL	206B3	NONE
3 1661	N37189	021478	PILOT POINT,AK	GRUMMAN	G-44	SERIOUS
3 1683	N87143	051978	ALEXANDRIA,MN	CESSNA	402B	FATAL
3 1732	N91237	060478	DAYTONA BEACH,FL	CONVAIR	240	NONE
3 1768	N88LV	062378	LAS VEGAS,NV	PIPER	PA-31	NONE
3 1791	N94AL	062878	NMORGAN CITY,LA	BELL	205A-1	NONE
3 2018	N4448X	041978	CALIFORNIA,MD	PIPER	PA-28R	SERIOUS
3 2029	N735RT	080978	WESTMORELAND,TN	CESSNA	182	NONE
3 2080	N91041	071178	OLGA,WA	CESSNA	207	MINOR
3 2081	N93032	050678	NWILCOX,AZ	CESSNA	210	MINOR
3 2116	N4508L	022778	MERRILL PASS,AK	EVANGEL	4500	FATAL

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
-----	-----	----	-----	----	-----	-----
3 2120	N8087	052378	NDEKALB, IL	BEECH	G-18	NONE
3 2215	N1360X	022178	GENOA PEAK, NV	BELL	47G3B1	MINOR
3 2230	N133W	033078	BURBANK, CA	LEAR	23	MINOR
3 2240	N7979S	070678	NCAMERON, LA	BELL	206B	FATAL
3 2241	N46977	091178	MORGAN CITY, LA	BOLKOW	80-105	NONE
3 2284	N7621K	051078	NEW STUYAHOK, AK	CESSNA	180J	NONE
3 2290	N1797X	052778	NKEWANEE, IL	CESSNA	210	MINOR
3 2351	N7432Y	050878	FLUSHING, NY	PIPER	PA-30	NONE
3 2360	N8769C	051178	LAWRENCE, MA	PIPER	PA-32R	FATAL
3 2376	N5422G	051678	NCOVINGTON, KY	CESSNA	404	NONE
3 2434	N99024	071478	NCLEARLAKE, WA	HILLER	FH1100	FATAL
3 2441	N59839	053078	LOS ANGELES, CA	PIPER	PA-31	SERIOUS
3 2444	N9908K	083078	NINTRACSTL CITY, LA	BELL	206B	FATAL
3 2476	N54227	031378	CHICAGO, IL	PIPER	PA-23	NONE
3 2555	N185SH	070778	UNALAKLEET, AK	CESSNA	185	NONE
3 2608	N49MC	042378	ARLINGTON, IN	PIPER	PA-31	FATAL
3 2619	N79031	082178	ROANOKE, VA	CESSNA	172	NONE
3 2641	N1182W	080778	NSNOQUALMIE FLS, WA	BELL	47G3B1	NONE
3 2689	N4066G	051578	NKEMMERER, WY	BELL	206B	SERIOUS
3 2695	N6324U	073178	BOSTON, MA	AERO COMDR	500B	NONE
3 2713	N8471X	083078	CREEDMOOR, NC	CESSNA	172C	NONE

LISTING OF ON-DEMAND AIR TAXI ACCIDENTS

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3 2727	N16722	072378	KAILUA KONA,HI	DEHAVILLAND	114-24	NONE
3 2727	N42S	072378	KAILUA KONA,HI	DEHAVILLAND	104-5A	NONE
3 2776	N6238Q	091878	GARDEN CITY,KS	CESSNA	401A	NONE
3 2787	N5421Y	062278	MARION,KY	PIPER	PA-23	FATAL
3 2822	N1601S	082978	MARKLEEVILLE,CA	PIPER	PA-28	NONE
3 2846	N9212C	090178	CAREFREE,AZ	CESSNA	182RG	MINOR
3 2856	N59600	092078	NMORGAN CITY,LA	BELL	206B	NONE
3 2856	N83133	092078	NMORGAN CITY,LA	BELL	206B	NONE
3 2857	N17235	081378	NCAMERON,LA	BOLKOW	BO-105	FATAL
3 2858	N90223	070978	NMORGAN CITY,LA	BELL	212	SERIOUS
3 2909	N80172	091178	RIGGINS,ID	CESSNA	185F	FATAL
3 2916	N55679	092078	YUMA,AZ	PIPER	PA-32	NONE
3 2930	N7707Q	100378	DE QUEEN,AR	CESSNA	310Q	NONE
3 2932	N90026	102178	NMORGAN CITY,LA	BELL	206B	NONE
3 2965	N500L	092678	SAN JUAN,PR	BEECH	D18S	FATAL
3 3015	N978Q	091578	COLUMBIA,CA	BEECH	65A-80	NONE
3 3047	N3488Y	083078	KING SALMON,AK	CESSNA	180H	MINOR
3 3077	N3353C	091678	WILLIAMSBURG,VA	CESSNA	182RG	NONE
3 3092	N734UF	083078	SAN FRANCISCO,CA	CESSNA	172N	NONE
3 3102	N3057L	111278	WOLF POINT,MT	CESSNA	310J	NONE
3 3120	N4722U	102478	DULAC,LA	CESSNA	180G	NONE

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3 3176	N55571	102078	MC CALL, ID	PIPER	PA-32	NONE
3 3185	N47226	111678	BELLINGHAM, WA	PIPER	PA-28	MINOR
3 3187	N7477F	080778	NPHOENIX, AZ	HUGHES	269C	FATAL
3 3203	N9001B	091978	SABINE PASS, TX	AEROSPATLE	AS350C	MINOR
3 3210	N4747S	041878	CORDOVA, AK	DEHAVILLAND	DHC-2	FATAL
3 3212	N3488Y	061178	ANIACHAK BAY, AK	CESSNA	180H	NONE
3 3248	N7537Q	062978	DURHAM, NC	CESSNA	310Q	NONE
3 3287	N1588G	111278	WICHITA FALLS, TX	CESSNA	421B	NONE
3 3298	N7301U	102078	ATKASUK, AK	CESSNA	207A	NONE
3 3299	N59562	081078	NKETCHIKAN, AK	BELL	206B	NONE
3 3315	N96019	080778	PT. POSSESSION, AK	CESSNA	180C	NONE
3 3377	N3039M	113078	ALBUQUERQUE, NM	PIPER	PA-34	NONE
3 3384	N44356	041878	ANCHORAGE, AK	PIPER	PA-34	NONE
3 3388	N71947	010678	MARION, IL	CESSNA	337G	FATAL
3 3416	N9568F	090478	DAMASCUS, MD	HUGHES	269B	NONE
3 3458	N216RM	040678	NSALIDA, CO	BELL	206B	SERIOUS
3 3480	N9863Z	112178	DAYTON, OH	BEECH	C45H	NONE
3 3499	N9093Y	080778	EAST HAMPTON, NY	PIPER	PA-31	MINOR
3 3529	N1042	051278	NPORT MOLLER, AK	GRUMMAN	G-21A	MINOR
3 3530	N8690	070378	NPELICAN, AK	DEHAVILLAND	DHC-2	SERIOUS
3 3531	N8318F	072978	NKETCHIKAN, AK	HUGHES	500-C	MINOR

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FILE NUMBER -----	AIRCRAFT REGIST. -----	DATE ----	LOCATION -----	AIRCRAFT MAKE ----	MODEL -----	INJURY INDEX -----
3 3532	N1789U	063078	NOMALIK,AK	CESSNA	207	FATAL
3 3597	N742UT	071278	CHICAGO,IL	BEECH	65-90	NONE
3 3615	N41447	120278	DES MOINES,IA	DOUGLAS	DC-3	SERIOUS
3 3631	N3940W	111878	SOUTH BOSTON,VA	PIPER	PA-32	NONE
3 3676	N46977	112978	NMORGAN CITY,LA	BOLKOW	B-105	FATAL
3 3683	N90674	113078	EAGLE PASS,TX	AEROSTAR	601P	NONE
3 3684	N49755	111278	SABINE PASS,TX	BELL	206B	FATAL
3 3691	N886G	102478	NTORREON,NM	BEECH	65-80	FATAL
3 3694	N8009Z	081478	NSALINA,UT	CESSNA	206	SERIOUS
3 3695	N70269	101578	NKETCHIKAN,AK	CESSNA	185	FATAL
3 3706	N1041V	073078	NBETTLES,AK	CESSNA	U206F	FATAL
3 3722	N8967N	112178	NORTH CANTON,OH	PIPER	PA-32	MINOR
3 3760	N22131	071978	NBIG DELTA,AK	CESSNA	185	NONE
3 3777	N4048Q	092778	INDIANAPOLIS,IN	CESSNA	402	NONE
3 3790	N4638Q	121978	MORTON,IL	CESSNA	210L	FATAL
3 3852	N16982	120278	NMORGAN CITY,LA	BELL	212	NONE
3 3859	N59456	120178	NPORT OCONNER,TX	BELL	206B	FATAL
3 3862	N5885T	071178	NKOTZEBUE,AK	CESSNA	185	MINOR
3 3866	N622DG	120678	CHICAGO,IL	CESSNA	401A	NONE
3 3888	N93627	071278	RHINELANDER,WI	BELLANCA	17-30A	FATAL
3 3906	N63731	091878	GRANVILLE,MA	PIPER	PA-31	FATAL

LISTING OF ON-DEMAND AIR TAXI ACCIDENTS

U.S. GENERAL AVIATION  
1978  
(IN FILE ORDER SEQUENCE)

FILE NUMBER -----	AIRCRAFT REGIST. -----	DATE ----	LOCATION -----	AIRCRAFT MAKE -----	MODEL -----	INJURY INDEX -----
3 3907	N7547S	091878	MORRISVILLE,NC	TED SMITH	600	SERIOUS
3 3937	N204CC	112078	BROWNSVILLE, TX	BEECH	H18	FATAL
3 3938	N178MA	082578	NRATON,NM	MITSUBISHI	MU-2J	FATAL
3 3941	N9971Z	072278	NANAKTUVUK PASS,AK	DEHAVILLAND	DHC-2	SERIOUS
3 3960	N5014U	090978	BETHEL,AK	CESSNA	206	NONE
3 3988	N310BJ	111378	LUBBOCK, TX	CESSNA	310J	FATAL
3 3996	N62856	102378	INDIANAPOLIS, IN	PIPER	PA-31	NONE
3 4001	N9367Q	101878	NMOLINE, IL	BEECH	58	NONE
3 4003	N90115	122678	MORGAN CITY, LA	BELL	206B	NONE
3 4009	N1EC	091778	MISSING AIRCRAFT	CESSNA	411	FATAL
3 4015	N26641	072278	NKOTZEBUE, AK	DEHAVILLAND	DHC-3	NONE
3 4020	N80369	110378	NFLINT, MI	BEECHCRAFT	D-18S	NONE
3 4070	N95467	111178	AKUTAN BAY, AK	GRUMMAN	G-21A	NONE
3 4072	N9797C	101278	WHITE GATE, VA	PIPER	PA-32R	MINOR
3 4078	N310AE	120178	MARION, IN	CESSNA	310Q	NONE
3 4085	N38RM	011178	WEST CHICAGO, IL	BEECH	G-18S	NONE
3 4087	N736ST	102078	NILIAMNA, AK	CESSNA	185	NONE
3 4088	N8957T	092078	NSKWENTNA, AK	CESSNA	182	NONE
3 4121	N7535N	120578	UNION, SC	CESSNA	182	FATAL
3 4127	N407D	092178	MISSING AIRCRAFT	DOUGLAS	DC-3	FATAL
3 4131	N5909V	100478	CHICAGO, IL	PIPER	PA-32	NONE

LISTING OF ON-DEMAND AIR TAXI ACCIDENTS

U.S. GENERAL AVIATION  
1978  
(IN FILE ORDER SEQUENCE)

FILE NUMBER -----	AIRCRAFT REGIST. -----	DATE -----	LOCATION -----	AIRCRAFT MAKE -----	MODEL -----	INJURY INDEX -----
3 4161	N59AN	120278	WATERTOWN, NY	DEHAVILLAND	DHC-6	MINOR
3 4188	N477KH	100978	WAIMEA CNYN, HI	BELL	206L	MINOR
3 4197	N3537B	021078	FLINT, MI	BEECH	D18S	NONE
3 4199	N761GP	110678	HERMOSA BEACH, CA	CESSNA	T210M	FATAL
3 4206	N8622	121478	NOGDEN, UT	AEROSPATIAL	SA316B	SERIOUS
3 4208	N4987F	122078	LOS ANGELES CA	PIPER	PA-32	SERIOUS
3 4210	N3963C	101178	CHIGNIK LAKE, AK	CESSNA	402	NONE
3 4218	N756MD	071078	ANCHORAGE, AK	CESSNA	U206	NONE
3 4226	N15229	112478	FT. LAUDERDALE, FL	PIPER	PA-34	NONE
3 4236	N9762C	072378	NLIVENGOD, AK	HILLER	UH12E3	MINOR
3 4241	N5319G	081178	NKENAI, AK	DEHAVILLAND	DHC-2	SERIOUS
3 4244	N4043R	103078	LIME VILLAGE, AK	PIPER	PA-32	NONE
3 4267	N7654K	103078	PEDERSON POINT, AK	CESSNA	180	NONE
3 4290	N86688	062078	MENTOR, OH	HILLER	UH12L4	NONE
3 4298	N3382	112178	CRAB BAY, AK	DEHAVILLAND	DHC-3	NONE
3 4305	N8944N	121878	EKWOK, AK	PIPER	PA-32	NONE
3 4306	N777DT	121978	ANCHORAGE, AK	ROCKWELL	500S	NONE
3 4309	N4284R	112178	MISSING AIRCRAFT	PIPER	PA-32	FATAL
3 4310	N7512N	111078	UNALAKLEET, AK	BEECH	36	NONE
3 4320	N761AX	110878	NST. MARYS, GA	CESSNA	210M	NONE
3 4330	N1045	082578	NLABOUCHER BAY, AK	GRUMMAN	G-21A	FATAL

# LISTING OF ON-DEMAND AIR TAXI ACCIDENTS

U.S. GENERAL AVIATION  
1978  
(IN FILE ORDER SEQUENCE)

FILE NUMBER -----	AIRCRAFT REGIST. -----	DATE -----	LOCATION -----	AIRCRAFT MAKE -----	MODEL -----	INJURY INDEX -----
3 4331	N58H	090178	LATHAM, NY	BEECH	E18S	MINOR
3 4339	N3489Y	110878	TELLER, AK	CESSNA	185	NONE
3 4341	N26AN	090978	SAVOY, IL	PIPER	PA-31	FATAL
3 4345	N4501L	072978	TOGIAK, AK	EVANGEL	4500	MINOR
3 4350	N12VT	091378	CHICAGO, IL	BEECH	18T	NONE
3 4357	N4048B	101378	BARROW, AK	DEHAVND CAN	DHC-6	FATAL
3 4360	N5187U	120878	SHELDONS POINT, AK	CESSNA	U-206	MINOR
3 4363	N3976X	112978	MC GRATH, AK	PIPER	PA-32	SERIOUS
3 4365	N8999A	112878	HARTFORD, CT	AEROSTAR	601P	FATAL
3 4368	N8194G	060678	EAST TAWAS, MI	CESSNA	206G	FATAL
3 4371	N7378U	122178	CHEVAK, AK	CESSNA	207	FATAL
3 4372	N70286	062078	GULKANA, AK	CESSNA	185	MINOR
3 4383	N37741	091378	NWHITTIER, AK	DEHAVILLAND	DHC-2	FATAL
3 4401	N44LV	083078	LAS VEGAS, NV	PIPER	PA-31	FATAL
3 4407	N5384V	090978	NWRANGELL, AK	SOLOY	12EJ3	FATAL
3 4409	N18AA	103078	NAPASKIAK, AK	CESSNA	207A	NONE
3 4410	N455JA	110378	DUTCH HARBOR, AK	LEAR JET	24D	NONE
3 4411	N600JA	110478	ANCHORAGE, AK	HAWKER-SDLY	DH-125	NONE
3 4413	N37906	112578	NHYDABURG, AK	DEHAVILLAND	DHC-2	FATAL
3 4414	N2214T	121978	NBETHEL, AK	CESSNA	185	NONE
3 4416	N3781B	110978	GRAND CANYON, AZ	BEECH	E18S	NONE



LISTING OF ON-DEMAND AIR TAXI ACCIDENTS

U.S. GENERAL AVIATION  
1978  
(IN FILE ORDER SEQUENCE)

FILE NUMBER -----	AIRCRAFT REGIST. -----	DATE -----	LOCATION -----	AIRCRAFT MAKE -----	MODEL -----	INJURY INDEX -----
3 4419	N1381G	073078	RIVERTON,WY	CESSNA	340	SERIOUS
3 4422	N2215W	100878	NKENAI,AK	BELL	205A-1	FATAL
3 4433	N4270	031478	WHITELAKE,MI	BEECH	D18	FATAL
3 4434	N11Z	101178	CLEVELAND,OH	BEECH	G18	SERIOUS
3 4444	N45290	091978	CHICAGO,IL	PIPER	PA-28	NONE
3 4445	N788CF	103178	NCINCINNATI,OH	BEECH	58	NONE
3 4465	N4175R	120778	WEST CHICAGO,IL	PIPER	PA-32	NONE
3 4481	N2673Z	122278	NKEY WEST,FL	CESSNA	185	MINOR

NATIONAL TRANSPORTATION SAFETY BOARD  
WASHINGTON, D. C. 20594  
BRIEFS OF ON-DEMAND AIR TAXI ACCIDENTS

U.S. GENERAL AVIATION

1978

(IN STATE AND DATE ORDER)

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1089	1/6/78 TIME - 0559	MOBILE, AL	BEECH D-55 N77DC DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 34, 3995 TOTAL HOURS, 415 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - MOBILE AEROSPACE DEPARTURE POINT INTENDED DESTINATION MOBILE, AL MOBILE, AL TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT NORMAL CRUISE DITCHING LANDING LEVEL OFF/TOUCHDOWN  PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER WEATHER - FOG PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER  SKY CONDITION CEILING AT ACCIDENT SITE PARTIAL OBSCURATION 4500 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 1 MILE OR LESS UNKNOWN/NOT REPORTED OBSTRUCTIONS TO VISION AT ACCIDENT SITE TEMPERATURE-F GROUND FOG 52 WIND DIRECTION-DEGREES WIND VELOCITY-KNOTS 160 5 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN IFR IFR						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0149	1/16/78 TIME - 1450	SCAMMON BAY, AK	PIPER PA-31 N121VC DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 20, 2100 TOTAL HOURS, 49 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - SCAMMON BAY DEPARTURE POINT INTENDED DESTINATION RETHEL, AK RETURN TYPE OF ACCIDENT LAST ENROUTE STOP COLLIDED WITH DIRT BANK PHASE OF OPERATION LANDING GO-AROUND						
PROBABLE CAUSE(S) PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL DEFICIENCY, COMPANY MAINTAINED EQPMT, SERVICES, REGULATION PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND PILOT IN COMMAND - MISUSED OR FAILED TO USE FLAPS FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS ICE/SLUSH ON RUNWAY MISCELLANEOUS ACTS, CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G. MISCELLANEOUS ACTS, CONDITIONS - RAN OFF END OF RUNWAY REMARKS- OPERATING AS WIEN AIR FLT 3397. ABT 262# OVR MAX LNDG GWT. ADVSD Rwy GOOD PRIOR TO DEPARTURE.						
3-0264	1/17/78 TIME - 1530	NR. BARROW, AK	DEHAVND CAN DHC-2 N1454T DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	AIRLINE TRANSPORT, AGE 26, 3106 TOTAL HOURS, 500 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION UMIAT, AK BARROW, AK TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER CONTROLLED IN FLIGHT NORMAL CRUISE						
PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE FACTOR(S) WEATHER - LOW CEILING WEATHER - FOG WEATHER BRIEFING - BRIEFING RECEIVED-METHOD UNKNOWN WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT						
SKY CONDITION CEILING AT ACCIDENT SITE OVERCAST 400 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 4 MILES OR LESS NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE TYPE OF WEATHER CONDITIONS FOG VFR TYPE OF FLIGHT PLAN OTHER REMARKS- COMPANY FLT PLAN.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0351	1/20/78	NR.TOKSOOK BAY,AK	BRITTNORMAN BN-2A N869JA DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL.INSTR.. AGE 30, 1783 TOTAL HOURS, 179 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT RETHEL,AK	INTENDED DESTINATION TANUNAK,AK			
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	CONTROLLED		PHASE OF OPERATION IN FLIGHT NORMAL CRUISE	
PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS						
FACTOR(S) WEATHER - SNOW MISCELLANEOUS ACTS,CONDITIONS - WHITEOUT WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT MISSING AIRCRAFT - LATER RECOVERED						
		SKY CONDITION OVERCAST	CEILING AT ACCIDENT SITE UNKNOWN/NOT REPORTED			
		VISIBILITY AT ACCIDENT SITE UNKNOWN/NOT REPORTED	PRECIPITATION AT ACCIDENT SITE SNOW			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE UNKNOWN/NOT REPORTED	TYPE OF WEATHER CONDITIONS IFR			
		TYPE OF FLIGHT PLAN VFR				
REMARKS- ACFT IN AREA DURING SAME TIME PERIOD REPORTED POOR VIS DUE TO SNOW SQUALLS.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1051	1/24/78 TIME - 1020	NR.POINT SPENCER,AK	CESSNA 206 N29179 DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 3 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 32, 3500 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT NOME,AK	INTENDED DESTINATION RETURN			LAST ENROUTE STOP BREVIG MISSION,AK	
	TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	CONTROLLED			PHASE OF OPERATION IN FLIGHT NORMAL CRUISE	
	PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - MISJUDGED ALTITUDE MISCELLANEOUS ACTS,CONDITIONS - WHITEOUT					
	FACTOR(S) WEATHER - SNOW TERRAIN - SNOW-COVERED WEATHER BRIEFING - OTHER WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT					
	SKY CONDITION OVERCAST				CEILING AT ACCIDENT SITE 1000	
	VISIBILITY AT ACCIDENT SITE 3 MILES OR LESS				PRECIPITATION AT ACCIDENT SITE SNOW	
	OBSTRUCTIONS TO VISION AT ACCIDENT SITE HAZE				TEMPERATURE-F 20	
	WIND VELOCITY-KNOTS CALM				TYPE OF WEATHER CONDITIONS VFR	
	TYPE OF FLIGHT PLAN VFR					
	REMARKS- WX BRIEF BY COMPANY.					
3-0698	1/24/78 TIME - 1015	NR.BREVIG MISSION,AK	CESSNA 206 N1485M DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 1 5	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 26, 2211 TOTAL HOURS, 391 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT TELLER,AK	INTENDED DESTINATION NOME,AK			LAST ENROUTE STOP BREVIG MISSION,AK	
	TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	CONTROLLED			PHASE OF OPERATION IN FLIGHT NORMAL CRUISE	
	PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - MISJUDGED ALTITUDE					
	FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - WHITEOUT TERRAIN - SNOW-COVERED					
	REMARKS- A/C COLLIDED WITH FROZEN,SNOW COVERED BAY.WX BRIEF FROM OPERATOR BY PHONE.					

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0906	1/24/78 TIME - 1400	UMIAT, AK	PIPER PA-23 N40255 DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 1 0	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 45, 13000 TOTAL HOURS, 2000 IN TYPE, INSTRUMENT RATED.
<p>NAME OF AIRPORT - UMIAT  DEPARTURE POINT DEADHORSE, AK  TYPE OF ACCIDENT COLLISION WITH GROUND/WATER CONTROLLED  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IFR OPERATION  FACTOR(S) WEATHER - FOG  WEATHER - SNOW  WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, IN PERSON  WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT  SKY CONDITION OVERCAST  VISIBILITY AT ACCIDENT SITE 2 MILES OR LESS  OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG  TYPE OF FLIGHT PLAN IFR  REMARKS- DESCEND BELOW MDA.</p>						
<p>INTENDED DESTINATION UMIAT, AK  LAST ENROUTE STOP UMIAT, AK  PHASE OF OPERATION LANDING FINAL APPROACH  CEILING AT ACCIDENT SITE 2500  PRECIPITATION AT ACCIDENT SITE SNOW  TYPE OF WEATHER CONDITIONS IFR</p>						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0514	1/30/78 TIME - 1530	KIPNUK, AK	CESSNA 180 N91304 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL. INSTR., AGE 29, 5450 TOTAL HOURS, 350 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - KIPNUK DEPARTURE POINT BETHEL, AK TYPE OF ACCIDENT NOSE OVER/DOWN  PROBABLE CAUSE(S) PERSONNEL - MISCELLANEOUS-PERSONNEL OTHER TERRAIN - HIDDEN OBSTRUCTIONS FACTOR(S) WEATHER - LOW CEILING WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, IN PERSON WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT  SKY CONDITION OVERCAST VISIBILITY AT ACCIDENT SITE 5 OR OVER(UNLIMITED) OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE WIND VELOCITY-KNOTS 15 TYPE OF FLIGHT PLAN VFR REMARKS- SNOW BERM NOT DISCERNIBLE FROM AIR. GUSTS TO 20KTS. OPERATOR CALLED BFR FLT, TOLD LAKE OK. TO LAND ON.						
INTENDED DESTINATION KIPNUK, AK  PHASE OF OPERATION LANDING ROLL  CEILING AT ACCIDENT SITE 900 PRECIPITATION AT ACCIDENT SITE NONE WIND DIRECTION-DEGREES 65 TYPE OF WEATHER CONDITIONS VFR						
3-1661	2/14/78 TIME - 1200	PILOT POINT, AK	GRUMMAN G-44 N37189 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 1 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 36, 16000 TOTAL HOURS, 3700 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - PILOT POINT DEPARTURE POINT ILLIAMNA, AK TYPE OF ACCIDENT GEAR COLLAPSED  PROBABLE CAUSE(S) AIRFRAME - LANDING GEAR NORMAL RETRACTION/EXTENSION ASSEMBLY MISCELLANEOUS ACTS, CONDITIONS - CORRODED/CORROSION MISCELLANEOUS ACTS, CONDITIONS - FATIGUE FRACTURE FACTOR(S) TERRAIN - ROUGH/UNEVEN REMARKS- COMPANY SPECIAL VFR, GUST TO 10KTS. R MAIN L/G RETRACT STRUT FAILED.						
INTENDED DESTINATION PERRYVILLE, AK  LAST ENROUTE STOP PILOT POINT, AK PHASE OF OPERATION TAKEOFF RUN						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2116	2/27/78 TIME - 1325	MERRILL PASS, AK	EVANGEL 4500 N4508L DAMAGE-DESTROYED	CR- 1 0 0 PX- 2 0 0	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 35, 5500 TOTAL HOURS, 1203 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT DILLINGHAM, AK TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	INTENDED DESTINATION ANCHORAGE, AK UNCONTROLLED	LAST ENROUTE STOP STONY RIVER, AK PHASE OF OPERATION IN FLIGHT UNCONTROLLED DESCENT		
PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - SPATIAL DISORIENTATION FACTOR(S) WEATHER - LOW CEILING WEATHER - RAIN WEATHER BRIEFING - SELF-HELP, PILOT CHECKED WEATHER DATA MISSING AIRCRAFT - LATER RECOVERED SKY CONDITION OVERCAST VISIBILITY AT ACCIDENT SITE ZERO OBSTRUCTIONS TO VISION AT ACCIDENT SITE UNKNOWN/NOT REPORTED TYPE OF FLIGHT PLAN VFR FIRE AFTER IMPACT REMARKS- WX CONDITION IN PASS RPRTD BY PIREP. RECOVERY DATE 2/28/78.						
3-3210	4/18/78 TIME - 0752	CORDOVA, AK	DEHAVILLAND DHC-2 N4747S DAMAGE-DESTROYED	CR- 2 0 0 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 47, 11000 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - CORDOVA MUNICIPAL DEPARTURE POINT CORDOVA, AK TYPE OF ACCIDENT STALL SPIRAL	INTENDED DESTINATION CORDOVA MILE 13	PHASE OF OPERATION TAKEOFF INITIAL CLIMB		
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED FIRE AFTER IMPACT						



## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3384	4/18/78 TIME - 0710	ANCHORAGE, AK	PIPER PA-34 N44356 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 21, 2500 TOTAL HOURS, 525 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - ANCHORAGE INTL DEPARTURE POINT INTENDED DESTINATION ANCHORAGE, AK RETURN TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLISION WITH GROUND/WATER CONTROLLED LAST ENROUTE STOP SWANSON RIVER PHASE OF OPERATION TAKEOFF INITIAL CLIMB LANDING LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION IMPROPERLY SERVICED AIRCRAFT (GROUND CREW) PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL FAILURE TO PROVIDE ADEQ. DIRECTIVES, MANUAL, EQUIPMENT MISCELLANEOUS ACTS, CONDITIONS - FUEL GRADE-IMPROPER FACTOR(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING MISCELLANEOUS ACTS, CONDITIONS - FAILURE OF TWO OR MORE ENGINES COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-2 ENGINES EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- ACFT SERVICED WITH WRONG FUEL						
3-0761	4/23/78 TIME - 1715	AKIACHAK, AK	CESSNA 206 N5187U DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 6	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 25, 3080 TOTAL HOURS, 400 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - AKIACHAK DEPARTURE POINT INTENDED DESTINATION BETHEL, AK BETHEL, AK TYPE OF ACCIDENT COLLIDED WITH OBJECT LAST ENROUTE STOP AKIACHAK, AK PHASE OF OPERATION TAKEOFF ABORTED PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS WET RUNWAY AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS POORLY MAINTAINED RUNWAY SURFACE AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SOFT RUNWAY MISCELLANEOUS ACTS, CONDITIONS - RAN OFF END OF RUNWAY REMARKS- STUBBLE BRUSH IN CLEARWAY, ON COMPANY FLT PLAN, VILLAGE DIRT STRIP.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2284	5/10/78 TIME - 1330	NEW STUYAHOK, AK	CESSNA 180J N7621K DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE UNK/NR, 1023 TOTAL HOURS, 25 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - NEW STUYAHOK DEPARTURE POINT INTENDED DESTINATION KOLIGANEK, AK NEW STUYAHOK, AK TYPE OF ACCIDENT PHASE OF OPERATION GROUND-WATER LOOP-SWERVE LANDING ROLL GEAR COLLAPSED LANING ROLL  PROBABLE CAUSE(S) AIRFRAME - LANDING GEAR BRAKING SYSTEM (NORMAL SYSTEM) MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE FACTOR(S) WEATHER - UNFAVORABLE WIND CONDITIONS  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 RELATIVE BEARING OF WIND NONE RIGHT CROSS WIND 068-112 DEGREES TEMPERATURE-F WIND DIRECTION-DEGREES 45 60 WIND VELOCITY-KNOTS TYPE OF WEATHER CONDITIONS 15 VFR TYPE OF FLIGHT PLAN VFR REMARKS- CROSS WIND FROM RIGHT AT 15 KNOTS. LEFT BRAKE TORQUE PLATE FAILED.						
3-3529	5/12/78 TIME - 1340	NR. PORT MOLLER, AK	GRUMMAN G-21A N1042 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 30, 2855 TOTAL HOURS, 54 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION PORT MOLLER, AK COLD BAY, AK TYPE OF ACCIDENT PHASE OF OPERATION DRAGGED WINGTIP, POD, OR FLOAT TAKEOFF RUN  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS PILOT IN COMMAND - FAILED TO ABORT TAKEOFF FACTOR(S) PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT REMARKS- LAGOON-OPEN WATER. DURING TKOF RUN L WING FLOAT STAYED IN WATER. 33HRS PIC IN TYPE.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1289	5/22/78 TIME - 1800	KALSKAG, AK	BEECH 58 N7263R DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 35, 14500 TOTAL HOURS, 18 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - KALSKAG DEPARTURE POINT BETHEL, AK TYPE OF ACCIDENT GEAR RETRACTED	INTENDED DESTINATION KALSKAG, AK	PHASE OF OPERATION LANDING ROLL		
PROBABLE CAUSE(S) PILOT IN COMMAND - INADVERTENTLY RETRACTED GEAR						
3-3212	6/11/78 TIME - 1300	ANIAKCHAK BAY, AK	CESSNA 180H N3488Y DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 31, 1502 TOTAL HOURS, 1428 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT SAND POINT, AK TYPE OF ACCIDENT NOSE OVER/DOWN	INTENDED DESTINATION ANIAKCHAK BAY, AK	PHASE OF OPERATION LANDING ROLL		
PROBABLE CAUSE(S) PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN FACTOR(S) TERRAIN - WET, SOFT GROUND REMARKS- AIRCRAFT LANDED ON BEACH.						
3-4372	6/20/78 TIME - 1715	GULKANA, AK	CESSNA 185 N70286 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 60, 13260 TOTAL HOURS, 10065 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT TAZLINA RVR STRIP, AK TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH TREES	INTENDED DESTINATION WHITE RVR, AK	PHASE OF OPERATION TAKEOFF INITIAL CLIMB LANDING LEVEL OFF/TOUCHDOWN		
PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- FUEL PUMP DRIVE SHAFT FAILED AT UNDET TIME.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3532	6/30/78	NR.OMALIK,AK	CESSNA 207	CR- 1 0 0	COMMERCIAL	AIRLINE TRANSPORT, AGE
	TIME - 1418		N1789U	PX- 0 0 0	AIR TAXI-CARGO	45,6528 TOTAL HOURS, 473
			DAMAGE-SUBSTANTIAL			IN TYPE, INSTRUMENT
						RATED.
		NAME OF AIRPORT - OMALIK AIR STRIP				
		DEPARTURE POINT	INTENDED DESTINATION		LAST ENROUTE STOP	
		OMALIK,AK	FAIRBANKS,AK		GALENA,AK	
		TYPE OF ACCIDENT			PHASE OF OPERATION	
		COLLISION WITH GROUND/WATER	CONTROLLED		IN FLIGHT	NORMAL CRUISE.
		PROBABLE CAUSE(S)				
		PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS				
		FACTOR(S)				
		WEATHER - LOW CEILING				
		WEATHER - RAIN				
		SKY CONDITION			CEILING AT ACCIDENT SITE	
		OVERCAST/LOWER SCATTERED			1500	
		VISIBILITY AT ACCIDENT SITE			PRECIPITATION AT ACCIDENT SITE	
		1/2 MILE OR LESS			RAIN SHOWERS	
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE			TYPE OF WEATHER CONDITIONS	
		UNKNOWN/NOT REPORTED			VFR	
		TYPE OF FLIGHT PLAN				
		VFR				
		REMARKS- PIREP STATED CLOUDS ORSCD WINDY CREEK DRAINAGE AREA.				

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3530	7/3/78 TIME - 1930	NR.PELICAN.AK	DEHAVILLAND DHC-2 N8690 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 1 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 29, 5150 TOTAL HOURS, 125 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT ELFIN COVE,AK TYPE OF ACCIDENT STALL SPIRAL	INTENDED DESTINATION HERBERT GRAVES IS,AK	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE		
PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED FACTOR(S) WEATHER - LOW CEILING WEATHER - FOG TERRAIN - HIGH OBSTRUCTIONS MISCELLANEOUS ACTS,CONDITIONS - FLEW INTO BLIND CANYON WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT SKY CONDITION OVERCAST VISIBILITY AT ACCIDENT SITE 3 MILES OR LESS OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG TYPE OF WEATHER CONDITIONS IFR REMARKS- FLOAT EQUIPPED. ENTERED NARROW CHANNEL AT 100FT AGL.						
3-2555	7/7/78 TIME - 1415	UNALAKLEET.AK	CESSNA 185 N185SH DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 20, 447 TOTAL HOURS, 101 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - UNALAKLEET DEPARTURE POINT EMMONAK,AK TYPE OF ACCIDENT OVERSHOOT GROUND-WATER LOOP-SWERVE	INTENDED DESTINATION UNALAKLEET,AK	PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN LANDING ROLL		
PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND AIRFRAME - LANDING GEAR BRAKING SYSTEM (NORMAL SYSTEM) MISCELLANEOUS ACTS,CONDITIONS - OVER TORQUED MISCELLANEOUS ACTS,CONDITIONS - HYDRAULIC FAILURE FACTOR(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING MISCELLANEOUS ACTS,CONDITIONS - INTENTIONAL GROUND-WATER-LOOP-SWERVE REMARKS- BRAKE SYSM NIPPLE FITTING OVER TORQUED CAUSING LOSS OF HYD PRESS.PUMPED BRAKES IN FLT.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4218	7/10/78	ANCHORAGE, AK	CESSNA U206 N756MD DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 55, 1500 TOTAL HOURS, 800 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - LAKE HOOD DEPARTURE POINT INTENDED DESTINATION ANCHORAGE, AK KODIAK, AK TYPE OF ACCIDENT PHASE OF OPERATION GROUND-WATER LOOP-SWERVE TAKEOFF RUN NOSE OVER/DOWN TAKEOFF RUN  PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED SPEED AND CLEARANCE FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - DISREGARD OF GOOD OPERATING PRACTICE REMARKS- FLOAT PLANE OPERATION AREA. WITNESS STATED ACFT ATTEMPTING TKOF AHEAD OF ANOTHER CU ACFT.						
3-3862	7/11/78	NR. KOTZEBUE, AK	CESSNA 185 N588ST DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	ATP, FLIGHT INSTR., AGE 56, 14332 TOTAL HOURS, 92 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - BUSH STRIP DEPARTURE POINT INTENDED DESTINATION LAST ENROUTE STOP KOTZEBUE, AK KOTZEBUE, AK KOTZEBUE, AK TYPE OF ACCIDENT PHASE OF OPERATION NOSE OVER/DOWN TAKEOFF RUN  PROBABLE CAUSE(S) MISCELLANEOUS ACTS, CONDITIONS - FAILED TO USE ALL AVAILABLE RUNWAY PILOT IN COMMAND - FAILED TO ABORT TAKEOFF FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - DISREGARD OF GOOD OPERATING PRACTICE MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER						
3-3760	7/19/78	NR. BIG DELTA, AK	CESSNA 185 N22131 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 35, 2537 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - BUSH STRIP DEPARTURE POINT INTENDED DESTINATION BIG DELTA, AK BIG DELTA, AK TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH OBJECT LANDING LEVEL OFF/TOUCHDOWN GEAR COLLAPSED LANDING ROLL  PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - SUNGLARE MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3941	7/22/78	NR. ANAKTUVIK PASS, AK	DEHAVILLAND DHC-2 N9971Z DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 1 5	COMMERCIAL AIR TAXI-PASSG	ATP, FLIGHT INSTR., AGE 40, 20000 TOTAL HOURS, 44 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT ANAKTUVIK PASS, AK	INTENDED DESTINATION OOLAH LAKE, AK	PHASE OF OPERATION LANDING TRAFFIC PATTERN-CIRCLING		
		TYPE OF ACCIDENT STALL MUSH				
PROBABLE CAUSE(S)						
PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT						
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED						
REMARKS- FLOAT EQUIPPED						
3-4015	7/22/78	NR. KOTZEBUE, AK	DEHAVILLAND DHC-3 N26641 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 47, 2641 TOTAL HOURS, 510 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT KOTZEBUE, AK	INTENDED DESTINATION RED DOG CAMP, AK	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE		
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLISION WITH GROUND/WATER CONTROLLED		LANDING LEVEL OFF/TOUCHDOWN		
PROBABLE CAUSE(S)						
PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS						
MISCELLANEOUS ACTS, CONDITIONS - ANTI-ICING/DEICING EQUIPMENT-IMPROPER OPERATION OF/OR FAILED TO USE						
MISCELLANEOUS ACTS, CONDITIONS - ICE-CARBURETOR						
FACTOR(S)						
WEATHER - CONDITIONS CONDUCTIVE TO CARB./INDUCTION SYSTEM ICING						
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE						
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE						
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT						
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
		SKY CONDITION BROKEN	CEILING AT ACCIDENT SITE 1000			
		VISIBILITY AT ACCIDENT SITE UNKNOWN/NOT REPORTED	PRECIPITATION AT ACCIDENT SITE NONE			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG	TYPE OF WEATHER CONDITIONS VFR			
		TYPE OF FLIGHT PLAN VFR				
		FIRE AFTER IMPACT				

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4236	7/23/78	NR.LIVENGOOD,AK TIME - 1430	HILLER UH12E3 N9762C DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 29, 2437 TOTAL HOURS, 36 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT LIVENGOOD,AK	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT MISCELLANEOUS COLLIDED WITH TREES			PHASE OF OPERATION TAKEOFF VERTICAL TAKEOFF OTHER	
PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED						
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
REMARKS- LOSS OF CYCLIC CONTROL FOR UNDETERMINED REASON, COLLIDED WITH TREES DURING UNCONTROLLED R/H TURNS.						
3-4345	7/29/78	TOGIAC,AK TIME - 1645	EVANGEL 4500 N4501L DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 38, 1219 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - TOGIAC CANNERY DEPARTURE POINT DILLINGHAM,AK	INTENDED DESTINATION TOGIAC,AK			
		TYPE OF ACCIDENT GEAR RETRACTED			PHASE OF OPERATION LANDING ROLL	
PROBABLE CAUSE(S) PILOT IN COMMAND - INADVERTENTLY RETRACTED GEAR						
3-3531	7/29/78	NR.KETCHIKAN,AK TIME - 1330	HUGHES 500-C N8318F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 33, 3022 TOTAL HOURS, 1000 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT PENINSULA POINT,AK	INTENDED DESTINATION KLAWOCK LAKE,AK			
		TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE HARD LANDING	TAIL ROTOR	LAST ENROUTE STOP BEAVER CREEK,AK PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING POWER-OFF AUTOROTATIVE LANDING		
PROBABLE CAUSE(S) ROTORCRAFT - ROTOR ASSEMBLIES TAIL ROTOR BLADES MISCELLANEOUS ACTS, CONDITIONS - VIBRATION, EXCESSIVE PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC. MISCELLANEOUS ACTS, CONDITIONS - IMPROPER EMERGENCY PROCEDURES PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. EMERGENCY CIRCUMSTANCES - SUSPECTED MECHANICAL DISCREPANCY UNUSUAL NOISE						
REMARKS- T/R BLADE PROTECTIVE TAPE CAME OFF IN FLT. PILOT COULD NOT IDENTIFY PROBLEM.						



## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3706	7/30/78	NR. RUTTLES, AK	CESSNA U206F N1041V DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 31, 2671 TOTAL HOURS, 80 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT FAIRBANKS, AK	INTENDED DESTINATION KOTZEBUUF, AK			
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	CONTROLLED	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE		
PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING MISCELLANEOUS ACTS, CONDITIONS - UNWARRANTED LOW FLYING FACTOR(S) PILOT IN COMMAND - ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT POWERPLANT - ENGINE ACCESSORIES VACUUM PUMPS MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE WEATHER - LOW CEILING WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT SKY CONDITION OVERCAST VISIBILITY AT ACCIDENT SITE UNKNOWN/NOT REPORTED OBSTRUCTIONS TO VISION AT ACCIDENT SITE UNKNOWN/NOT REPORTED TYPE OF FLIGHT PLAN VFR FIRE AFTER IMPACT REMARKS- VACUUM PUMP REPORTED TO BE INOPERATIVE.						
3-3315	8/7/78	PT. POSSESSION, AK	CESSNA 180C N96019 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 53, 12500 TOTAL HOURS, 1975 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT ANCHORAGE, AK	INTENDED DESTINATION RETURN	LAST ENROUTE STOP PT. POSSESSION, AK		
		TYPE OF ACCIDENT COLLIDED WITH OBJECT		PHASE OF OPERATION LANDING ROLL		
PROBABLE CAUSE(S) PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN REMARKS- STRUCK ROOT OF DRIFTWOOD SNAG WHILE LANDING ON BEACH AT HIGH TIDE.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3299	8/10/78 TIME - 1310	NR.KETCHIKAN,AK	BELL 206B N59562 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 36, 5132 TOTAL HOURS, 1327 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT WILLARD INLET,AK TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	INTENDED DESTINATION RETURN CONTROLLED			LAST ENROUTE STOP FIELD SITE PHASE OF OPERATION TAKEOFF VERTICAL	
	PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER REMARKS- HELIPAD ON STERN OF VESSEL.ACFT HOVERED R TO CLEAR SHIP.TIEDOWN RINGS EXTEND ABOVE PAD SURFACE.					
3-4241	8/11/78 TIME - 0950	NR.KENAI,AK	DEHAVILLAND DHC-2 N5319G DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 2 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 25, 1235 TOTAL HOURS, 110 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT ANCHORAGE,AK TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	INTENDED DESTINATION ILIAMNA,AK UNCONTROLLED			PHASE OF OPERATION IN FLIGHT UNCONTROLLED DESCENT	
	PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - SPATIAL DISORIENTATION FACTOR(S) WEATHER - FOG MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT					
	SKY CONDITION OBSCURATION VISIBILITY AT ACCIDENT SITE ZERO OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG TYPE OF FLIGHT PLAN VFR				CEILING AT ACCIDENT SITE UNKNOWN/NOT REPORTED PRECIPITATION AT ACCIDENT SITE NONE TYPE OF WEATHER CONDITIONS IFR	
	REMARKS- FLOAT EQUIPPED.PIC CONTINUED VFR FLIGHT INTO FOGBANK.					
3-3047	8/30/78 TIME - 1725	KING SALMON,AK	CESSNA 180H N3488Y DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 30, 2578 TOTAL HOURS, 18 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - KING SALMON DEPARTURE POINT KING SALMON,AK TYPE OF ACCIDENT COLLIDED WITH OBJECT	INTENDED DESTINATION SAND POINT,AK			PHASE OF OPERATION TAKEOFF RUN	
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL REMARKS- AC STRUCK RUNWAY ARRESTER MOUNT.					

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3960	9/9/78 TIME - 1915	BETHEL,AK	CESSNA 206 N5014U DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 5	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 34, 2400 TOTAL HOURS, 250 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - BETHEL DEPARTURE POINT BETHEL,AK TYPE OF ACCIDENT NOSE OVER/DOWN  PROBABLE CAUSE(S) PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - FAILED TO USE ALL AVAILABLE RUNWAY MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND REMARKS- COMPANY VFR FLT PLAN.						
3-4407	9/9/78 TIME - 1447	NR.WRANGELL,AK	SOLOY 12EJ3 N5384V DAMAGE-DESTROYED	CR- 1 0 0 PX- 2 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 30, 5283 TOTAL HOURS, 1003 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - WRANGELL DEPARTURE POINT WRANGELL,AK TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE MAIN ROTOR COLLISION WITH GROUND/WATER UNCONTROLLED  PROBABLE CAUSE(S) PERSONNEL - PRODUCTION-DESIGN-PERSONNEL SUBSTANDARD QUALITY CONTROL ROTORCRAFT - ROTOR ASSEMBLIES MAIN ROTOR BLADES MISCELLANEOUS ACTS,CONDITIONS - IMPROPER CLEARANCE-TOLERANCE FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT REMARKS- FLOAT EQUIPPED,UNDERSIZE THREADS ON ANTI-NODE BAR ASMBLY(PN 2253-1124-1).ANTI-NODE WT SEP IN-FLT.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4383	9/13/78	NR.WHITTIER,AK TIME - 1130	DEHAVILLAND DHC-2 N37741 DAMAGE-SUBSTANTIAL	CR- 1 0 0 PX- 5 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 26, 3125 TOTAL HOURS, 106 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT ANCHORAGE,AK	INTENDED DESTINATION WHITTIER,AK	PHASE OF OPERATION UNKNOWN/NOT REPORTED		
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER CONTROLLED				
PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING						
FACTOR(S) WEATHER - SUDDEN WINDSHIFT WEATHER - DOWNDRAFT,UPDRAFTS MISCELLANEOUS ACTS,CONDITIONS - FLEW INTO BLIND CANYON MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY RADIO WEATHER FORECAST - FORECAST SUBSTANTIALY CORRECT						
		SKY CONDITION UNKNOWN/NOT REPORTED	CEILING AT ACCIDENT SITE UNKNOWN/NOT REPORTED			
		VISIBILITY AT ACCIDENT SITE UNKNOWN/NOT REPORTED	PRECIPITATION AT ACCIDENT SITE UNKNOWN/NOT REPORTED			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE UNKNOWN/NOT REPORTED	TEMPERATURE-F 53			
		TYPE OF WEATHER CONDITIONS UNKNOWN/NOT REPORTED	TYPE OF FLIGHT PLAN VFR			
REMARKS- FLOAT EQUIPPED NO ANT FOR ELT						
3-4088	9/20/78	NR.SKWENTNA,AK TIME - 1325	CESSNA 182 N8957T DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 35, 2200 TOTAL HOURS, 20 IN TYPE, NOT INSTRU- MENT RATED.
		DEPARTURE POINT ANCHORAGE,AK	INTENDED DESTINATION COLLINSVILLE,AK	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE		
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION NOSE OVER/DOWN		LANDING LEVEL OFF/TOUCHDOWN		
PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION						
FACTOR(S) PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION POWERPLANT - EXHAUST SYSTEM MANIFOLDS MISCELLANEOUS ACTS,CONDITIONS - LOOSE,PART/FITTING COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4422	10/8/78 TIME - 0925	NR. KENAI, AK	BELL 205A-1 N2215W DAMAGE-DESTROYED	CR- 0 1 0 PX- 2 3 0	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 34, 7358 TOTAL HOURS, 3990 IN TYPE, NOT INSTRU- MENT RATED.
NAME OF AIRPORT - GRAYLING PLATFORM DEPARTURE POINT INTENDED DESTINATION LAST ENROUTE STOP KENAI, AK RETURN OIL PLATFORMS TYPE OF ACCIDENT PHASE OF OPERATION PROPELLER/ROTOR FAILURE TAIL ROTOR IN FLIGHT NORMAL CRUISE HARD LANDING IN FLIGHT POWER-ON DESCENT  PROBABLE CAUSE(S) ROTORCRAFT - FLIGHT CONTROL SYSTEMS TAIL ROTOR PITCH CONTROL SYSTEM MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER REMARKS- FLOAT EQUIPPED. TAIL ROTOR PITCH CONTROL CHANGE CHAIN HAD 21.5 HOURS SINCE INSTALLATION.						
3-4210	10/11/78 TIME - 1704	CHIGNIK LAKE, AK	CESSNA 402 N3963C DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	ATP, FLIGHT INSTR., AGE 46, 16153 TOTAL HOURS, 7 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - CHIGNIK LAKE DEPARTURE POINT INTENDED DESTINATION PORT HEIDEN, AK CHIGNIK LAKE, AK TYPE OF ACCIDENT PHASE OF OPERATION GEAR RETRACTED LANDING ROLL  PROBABLE CAUSE(S) AIRFRAME - LANDING GEAR NORMAL RETRACTION/EXTENSION ASSEMBLY MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS POORLY MAINTAINED RUNWAY SURFACE REMARKS- LEFT MAIN GEAR RETRACT ROD ATTACH LUG FAILED.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4357	10/13/78 TIME - 1644	BARROW, AK	DEHAVND CAN DHC-6 N4048R DAMAGE-SUBSTANTIAL	CR- 1 0 0 PX- 0 1 0	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 32, 4302 TOTAL HOURS, 892 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - POST/ROGERS MEM'L DEPARTURE POINT INTENDED DESTINATION LAST ENROUTE STOP BARROW, AK BARROW, AK ANAKTUVUK PASS TYPE OF ACCIDENT PHASE OF OPERATION STALL LANDING FINAL APPROACH  PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS PERSONNEL - MAINTENANCE, SERVICING, INSPECTION INADEQUATE MAINTENANCE AND INSPECTION AIRFRAME - FLIGHT CONTROL SURFACES OTHER MISCELLANEOUS ACTS, CONDITIONS - IMPROPERLY INSTALLED PILOT IN COMMAND - FAILED TO USE OR INCORRECTLY USED MISC. EQUIPMENT MISCELLANEOUS ACTS, CONDITIONS - ANTI-ICING/DEICING EQUIPMENT-IMPROPER OPERATION OF/OR FAILED TO USE PILOT IN COMMAND - MISUSED OR FAILED TO USE FLAPS FACTOR(S) PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL INADEQUATE FLIGHT TRAINING-PROCEDURES PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL DEFICIENCY, COMPANY MAINTAINED EQPMT, SERVICES, REGULATION WEATHER - ICING CONDITIONS-INCLUDES SLEET, FREEZING RAIN, ETC. WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY RADIO WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT  SKY CONDITION CEILING AT ACCIDENT SITE OVERCAST 900 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 5 OR OVER (UNLIMITED) SNOW OBSTRUCTIONS TO VISION AT ACCIDENT SITE RELATIVE BEARING OF WIND NONE RIGHT QUARTERING HEAD WIND 023-067 DEGREES TEMPERATURE-F WIND DIRECTION-DEGREES 26 270 WIND VELOCITY-KNOTS TYPE OF WEATHER CONDITIONS 7 VFR TYPE OF FLIGHT PLAN VFR FIRE AFTER IMPACT REMARKS- IMPROPERLY INSTALLED DE-ICE ROOTS ON HORIZONTAL STABILIZER.						
3-3695	10/15/78 TIME - UNK/NR	NR, KETCHIKAN, AK	CESSNA 185 N70269 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 59, 27000 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION LAST ENROUTE STOP KETCHIKAN, AK RETURN UNKNOWN/NOT REPORTED TYPE OF ACCIDENT PHASE OF OPERATION UNDETERMINED UNKNOWN/NOT REPORTED  PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED MISSING AIRCRAFT - LATER RECOVERED REMARKS- FLQAT EQUIPPED-RECOVERY DATE 10/19/78.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4087	10/20/78	NR. ILIAMNA, AK TIME - 0945	CESSNA 185 N736ST DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL. INSTR., AGE 44, 1720 TOTAL HOURS, 200 IN TYPE, NOT INSTRU- MENT RATED.
		DEPARTURE POINT ILIAMNA, AK	INTENDED DESTINATION TALARIK CREEK, AK	PHASE OF OPERATION TAKEOFF INITIAL CLIMB		
		TYPE OF ACCIDENT STALL MUSH				
PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE PILOT IN COMMAND - ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT MISCELLANEOUS ACTS, CONDITIONS - PREVIOUS DAMAGE REMARKS- DMGD WING & AILERON DRG PREVIOUS LDG.						
3-3298	10/20/78	ATKASUK, AK TIME - 1630	CESSNA 207A N7301U DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 5	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 22, 1635 TOTAL HOURS, 292 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - ATKASUK DEPARTURE POINT ATKASUK, AK	INTENDED DESTINATION BARROW, AK	PHASE OF OPERATION TAKEOFF ABORTED		
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER CONTROLLED				
PROBABLE CAUSE(S) PILOT IN COMMAND - PREMATURE LIFT-OFF PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SNOW ON RUNWAY MISCELLANEOUS ACTS, CONDITIONS - RAN OFF END OF RUNWAY REMARKS- RUNWAY HAS 5% UPSLOPE, COVERED WITH 6 TO 8 INCHES OF SNOW.						
3-4267	10/30/78	PEDERSON POINT, AK TIME - 1650	CESSNA 180 N7654K DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 29, 1697 TOTAL HOURS, 30 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - PEDERSON POINT DEPARTURE POINT KING SALMON, AK	INTENDED DESTINATION NAKNEK, AK	LAST ENROUTE STOP PEDERSON POINT, AK PHASE OF OPERATION LANDING ROLL		
		TYPE OF ACCIDENT NOSE OVER/DOWN				
PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS POORLY MAINTAINED RUNWAY SURFACE AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SOFT RUNWAY FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - POORLY PLANNED APPROACH REMARKS- RWY HAD BUMP IN CENTER WITH SOFT SPOTS.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4244	10/30/78 TIME - 1630	LIME VILLAGE, AK	PIPER PA-32 N4043R DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 30, 750 TOTAL HOURS, 100 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - LIME VILLAGE DEPARTURE POINT MCGRATH, AK TYPE OF ACCIDENT UNDERSHOOT GEAR COLLAPSED  PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE REMARKS- APCH TO RIVER GRAVEL BAR.						
3-4409	10/30/78 TIME - 0920	NAPASKIAK, AK	CESSNA 207A N18AA DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 6	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL. INSTR., AGE 26, 1400 TOTAL HOURS, 400 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - NAPASKIAK DEPARTURE POINT BETHEL, AK TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH DITCHES  PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS ICE/SLUSH ON RUNWAY AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SOFT RUNWAY MISCELLANEOUS ACTS, CONDITIONS - RAN OFF END OF RUNWAY MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE FIRE AFTER IMPACT REMARKS- ACFT CAME TO REST IN DRAINAGE DITCH.						



## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4410	11/3/78 TIME - 1000	DUTCH HARBOR, AK	LEAR JET 24D N455JA DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 28, 5874 TOTAL HOURS, 609 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - DUTCH HARBOR			INTENDED DESTINATION		PHASE OF OPERATION	
DEPARTURE POINT			DUTCH HARBOR, AK		LANDING LEVEL OFF/TOUCHDOWN	
ANCHORAGE, AK					LANDING ROLL	
TYPE OF ACCIDENT						
OVERSHOOT						
COLLIDED WITH OBJECT						
PROBABLE CAUSE(S)						
PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED						
PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS						
FACTOR(S)						
WEATHER - UNFAVORABLE WIND CONDITIONS						
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS POORLY MAINTAINED RUNWAY SURFACE						
MISCELLANEOUS ACTS/CONDITIONS - OVERLOAD FAILURE						
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE						
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT						
SKY CONDITION			CEILING AT ACCIDENT SITE			
OVERCAST			2500			
VISIBILITY AT ACCIDENT SITE			PRECIPITATION AT ACCIDENT SITE			
5 OR OVER (UNLIMITED)			SNOW, RAIN			
OBSTRUCTIONS TO VISION AT ACCIDENT SITE			RELATIVE BEARING OF WIND			
NONE			RIGHT CROSS WIND 068-112 DEGREES			
TEMPERATURE-F			WIND DIRECTION-DEGREES			
42			230			
WIND VELOCITY-KNOTS			TYPE OF WEATHER CONDITIONS			
14			VFR			
TYPE OF FLIGHT PLAN						
IFR						
REMARKS- COLLIDED WITH RWNY BOUNDARY MARKER. GUSTS TO 36KTS.						
3-4411	11/4/78 TIME - 0540	ANCHORAGE, AK	HAWKER-SDLY DH-125 N600JA DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 5	COMMERCIAL AIR TAXI-PASSG	ATP, FLIGHT INSTR., AGE 35, 14795 TOTAL HOURS, 1970 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - ANCHORAGE INTL			INTENDED DESTINATION		PHASE OF OPERATION	
DEPARTURE POINT			DUTCH HARBOR, AK		STATIC STARTING ENGINE(S)	
ANCHORAGE, AK						
TYPE OF ACCIDENT						
GEAR RETRACTED						
PROBABLE CAUSE(S)						
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING						
PERSONNEL - MAINTENANCE, SERVICING, INSPECTION INADEQUATE INSPECTION OF AIRCRAFT (MAINTENANCE PERSONNEL)						
REMARKS- MAINT PERFORMED ON 3 NOV REQUIRING GEAR SEL MOVEMENT.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4339	11/8/78 TIME - 1130	TELLER, AK	CESSNA 185 N3489Y DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 7	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 33, 4200 TOTAL HOURS, 9 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - TELLER DEPARTURE POINT TELLER, AK TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE  PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING MISCELLANEOUS ACTS, CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G. FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - IMPROPERLY SECURED REMARKS- PLT STATED FREIGHT AGAINST PETALS.						
3-4310	11/10/78 TIME - 1150	UNALAKLEET, AK	BEECH 36 N7512M DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 5	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 37, 1960 TOTAL HOURS, 462 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT UNALAKLEET, AK TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION WHEELS-UP  PROBABLE CAUSE(S) POWERPLANT - ENGINE STRUCTURE CRANKSHAFT MISCELLANEOUS ACTS, CONDITIONS - FATIGUE FRACTURE MISCELLANEOUS ACTS, CONDITIONS - INTENTIONAL WHEELS-UP EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4070	11/11/78 TIME - 1345	AKUTAN BAY, AK	GRUMMAN G-21A N95467 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 39, 10730 TOTAL HOURS, 4850 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT AKUTAN BAY, AK	INTENDED DESTINATION DUTCH HARBOR, AK	PHASE OF OPERATION TAKEOFF RUN		
		TYPE OF ACCIDENT COLLIDED WITH OBJECT				
PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS						
FACTOR(S) WEATHER - UNFAVORABLE WIND CONDITIONS WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED						
		SKY CONDITION CLEAR	CEILING AT ACCIDENT SITE UNLIMITED			
		VISIBILITY AT ACCIDENT SITE 5 OR OVER(UNLIMITED)	PRECIPITATION AT ACCIDENT SITE NONE			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE	WIND DIRECTION-DEGREES 180			
		WIND VELOCITY-KNOTS 20	TYPE OF WEATHER CONDITIONS VFR			
		TYPE OF FLIGHT PLAN VFR				
REMARKS- GUSTS TO 30 KNTS. A/C COLLIDED WITH SHIPS BUDY.						
3-4298	11/21/78 TIME - 0930	CRAB BAY, AK	DEHAVILLAND DHC-3 N3382 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 45, 10800 TOTAL HOURS, 800 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT JUNEAU, AK	INTENDED DESTINATION CRAB BAY, AK	PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN		
		TYPE OF ACCIDENT NOSE OVER/DOWN				
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO RETRACT LANDING GEAR						
FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER						
REMARKS- AMPHIBIOUS.						

# BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4413	11/25/78 NR. HYDABURG, AK TIME - 1555	DEHAVILLAND DHC-2 N37906 DAMAGE-DESTROYED INTENDED DESTINATION HYDABURG, AK	CR- 1 0 0 PX- 4 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 36, 2632 TOTAL HOURS, 990 IN TYPE, INSTRUMENT RATED.	
DEPARTURE POINT KETCHIKAN, AK						
TYPE OF ACCIDENT COLLISION WITH GROUND/WATER		CONTROLLED	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE			
PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS						
FACTOR(S) WEATHER - LOW CEILING WEATHER - RAIN WEATHER - FOG WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT						
SKY CONDITION UNKNOWN/NOT REPORTED		CEILING AT ACCIDENT SITE UNKNOWN/NOT REPORTED				
VISIBILITY AT ACCIDENT SITE UNKNOWN/NOT REPORTED		PRECIPITATION AT ACCIDENT SITE RAIN				
OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG		TYPE OF WEATHER CONDITIONS IFR				
TYPE OF FLIGHT PLAN OTHER						
FIRE AFTER IMPACT						
REMARKS- FLOAT EQUIPPED, COMPANY FLT PLAN, WITNESS STATED CEILING LOW & CLOSING DOWN IN AREA.						

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4363	11/29/78 TIME - 1842	MC GRATH, AK	PIPER PA-32 N3976X DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 3 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 25, 1980 TOTAL HOURS, 8 IN TYPE, NO INSTRUMENT RATED.
		NAME OF AIRPORT - MC GRATH				
		DEPARTURE POINT	INTENDED DESTINATION		LAST ENROUTE STOP	
		MC GRATH, AK	MC GRATH, AK		TATALINA, AK	
		TYPE OF ACCIDENT			PHASE OF OPERATION	
		COLLISION WITH GROUND/WATER	CONTROLLED		TAKEOFF INITIAL CLIMB	
PROBABLE CAUSE(S)						
PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL						
PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS						
PILOT IN COMMAND - SPATIAL DISORIENTATION						
FACTOR(S)						
PILOT IN COMMAND - PSYCHOLOGICAL CONDITION						
PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL INADEQUATE SUPERVISION OF FLIGHT CREW						
PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL DEFICIENCY, COMPANY MAINTAINED EOPMT, SERVICES, REGULATION						
WEATHER - OTHER						
WEATHER - FOG						
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY RADIO						
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT						
SKY CONDITION				CEILING AT ACCIDENT SITE		
SCATTERED				2500		
VISIBILITY AT ACCIDENT SITE				PRECIPITATION AT ACCIDENT SITE		
5 OR OVER (UNLIMITED)				NONE		
OBSTRUCTIONS TO VISION AT ACCIDENT SITE				TEMPERATURE-F		
FOG				19		
WIND VELOCITY-KNOTS				TYPE OF WEATHER CONDITIONS		
CALM				VFR		
TYPE OF FLIGHT PLAN						
VFR						
FIRE AFTER IMPACT						
REMARKS- DARK NIGHT W/ LIMITED VISUAL CUES. PLT HAD ARGUMENT ABT LACK OF FLT TIME. PLT SLD SOME INST INOP.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4360	12/8/78 TIME - 1130	SHELDONS POINT, AK	CESSNA U-206 N5187U DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 26, 960 TOTAL HOURS, 140 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT BETHEL, AK	INTENDED DESTINATION BETHEL, AK			LAST ENROUTE STOP SHELDONS POINT, AK	
	TYPE OF ACCIDENT NOSE OVER/DOWN				PHASE OF OPERATION TAKEOFF RUN	
	PROBABLE CAUSE(S) PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN PILOT IN COMMAND - FAILED TO ABORT TAKEOFF					
	FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - RAN OFF END OF RUNWAY WEATHER - RAIN WEATHER BRIEFING - UNKNOWN/NOT REPORTED					
	SKY CONDITION UNKNOWN/NOT REPORTED				CEILING AT ACCIDENT SITE UNKNOWN/NOT REPORTED	
	VISIBILITY AT ACCIDENT SITE 3 MILES OR LESS				PRECIPITATION AT ACCIDENT SITE NONE	
	OBSTRUCTIONS TO VISION AT ACCIDENT SITE UNKNOWN/NOT REPORTED				TEMPERATURE-F 25	
	WIND DIRECTION-DEGREES 90				WIND VELOCITY-KNOTS 15	
	TYPE OF WEATHER CONDITIONS VFR				TYPE OF FLIGHT PLAN VFR	
	REMARKS- SIX INCH SNOW DEPTH ON ICE COVERED LAKE.					
3-4305	12/18/78 TIME - 1400	EKWOK, AK	PIPER PA-32 N8944N DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 6	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 32, 5020 TOTAL HOURS, 457 IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIRPORT - EKWOK DEPARTURE POINT DILLINGHAM, AK	INTENDED DESTINATION RETURN			LAST ENROUTE STOP EKWOK, AK	
	TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH SNOWBANK				PHASE OF OPERATION TAKEOFF RUN TAKEOFF ABORTED	
	PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION INADEQUATE MAINTENANCE AND INSPECTION POWERPLANT - IGNITION SYSTEM MAGNETOS MISCELLANEOUS ACTS, CONDITIONS - MISSING					
	FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - RAN OFF END OF RUNWAY PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP.					
	REMARKS- MAGNETO VENTED CAP MISSING.					

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4306	12/19/78 TIME - 1015	ANCHORAGE, AK	ROCKWELL 500S N777DT DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	ATP, FLIGHT INSTR., AGE 35, 5100 TOTAL HOURS, 217 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - ELMENDORF AFB DEPARTURE POINT ANCHORAGE, AK INTENDED DESTINATION MIDDLETON ISL, AK TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION PHASE OF OPERATION HARD LANDING IN FLIGHT CLIMB TO CRUISE LANDING LEVEL OFF/TOUCHDOWN						
PROBABLE CAUSE(S) PILOT IN COMMAND - ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS MISCELLANEOUS ACTS, CONDITIONS - ICE-ENGINE PILOT IN COMMAND - IMPROPER LEVEL OFF MISCELLANEOUS ACTS, CONDITIONS - ICE-WINDSHIELD MISCELLANEOUS ACTS, CONDITIONS - AIRFRAME ICE FACTOR(S) WEATHER - ICING CONDITIONS-INCLUDES SLEET, FREEZING RAIN, ETC. WEATHER - CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING WEATHER - LOW CEILING WEATHER - SNOW PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY RADIO WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT						
SKY CONDITION OVERCAST VISIBILITY AT ACCIDENT SITE 2 MILES OR LESS OBSTRUCTIONS TO VISION AT ACCIDENT SITE BLOWING SNOW WIND DIRECTION-DEGREES 320 TYPE OF WEATHER CONDITIONS IFR REMARKS- ACFT NOT CERTIFICATED FOR OPERATION IN ICING CONDITIONS-FREEZING RAIN REPORTED						
CEILING AT ACCIDENT SITE 700 PRECIPITATION AT ACCIDENT SITE SNOW, FREEZING RAIN TEMPERATURE-F 15 WIND VELOCITY-KNOTS 10 TYPE OF FLIGHT PLAN IFR						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4414	12/19/78	NR.BETHFL,AK	CESSNA 185 N2214T	CR- 0 0 1 PX- 0 0 3	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 37, 2000 TOTAL HOURS, 250 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT BETHFL,AK	DAMAGE-SUBSTANTIAL INTENDED DESTINATION NEW TOK,AK			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION GEAR COLLAPSED	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING ROLL			
PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS						
FACTOR(S) TERRAIN - SNOW-COVERED MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- FROZEN LAKE.						
3-4371	12/21/78	CHEVAK,AK	CESSNA 207 N7378U	CR- 0 1 0 PX- 2 4 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 52, 2075 TOTAL HOURS, 600 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - CHEVAK DEPARTURE POINT ST.MARYS,AK	INTENDED DESTINATION CHEVAK,AK			
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	CONTROLLED PHASE OF OPERATION LANDING TRAFFIC PATTERN-CIRCLING			
PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - SPATIAL DISORIENTATION						
FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - WHITENOUT						
3-2081	5/6/78	NR.WILCOX,AZ	CESSNA 210 N93032	CR- 0 0 1 PX- 0 0 3	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 29, 2337 TOTAL HOURS, 5 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT FORT WORTH,TX	INTENDED DESTINATION TUCSON,AZ			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH TREES	PHASE OF OPERATION IN FLIGHT DESCENDING LANDING ROLL			
PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION						
FACTOR(S) TERRAIN - HIGH VEGETATION COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						



## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3187	8/7/78 TIME - 0746	NR.PHOENIX,AZ	HUGHES 269C N7477F DAMAGE-DESTROYED INTENDED DESTINATION PHOENIX,AZ	CR- 1 0 0 PX- 1 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 30, 1677 TOTAL HOURS, 113 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT PHOENIX,AZ			LAST ENROUTE STOP PHOENIX,AZ	
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	CONTROLLED		PHASE OF OPERATION LANDING FINAL APPROACH	
		PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED FIRE AFTER IMPACT				
3-2846	9/1/78 TIME - 0645	CAREFREE,AZ	CESSNA 182RG N9212C DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 30, 2330 TOTAL HOURS, 70 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - CAREFREE DEPARTURE POINT KINGMAN,AZ	INTENDED DESTINATION CAREFREE,AZ		PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN LANDING GO-AROUND	
		TYPE OF ACCIDENT OVERSHOOT COLLIDED WITH TREES				
		PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND REMARKS- PILOT ELECTED TO LAND WITH 5 KNOT TAILWIND.				
3-2916	9/20/78 TIME - 1730	YUMA,AZ	PIPER PA-32 N55679 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 50, 2519 TOTAL HOURS, 500 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - YUMA INTL DEPARTURE POINT YUMA,AZ	INTENDED DESTINATION PHOENIX,AZ		PHASE OF OPERATION TAXI TO TAKEOFF	
		TYPE OF ACCIDENT COLLIDED WITH AUTOMOBILE				
		PROBABLE CAUSE(S) PERSONNEL - MISCELLANEOUS-PERSONNEL DRIVER OF VEHICLE REMARKS- TRUCK TURNED IN FRONT OF TAXIING ACFT.				

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4416	11/9/78 TIME - 1145	GRAND CANYON,AZ	REECH E18S N3781R DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 10	COMMERCIAL AIR TAXI-PASSG	CUMMERICAL, FL.INSTR., AGE 44, 3517 TOTAL HOURS, 163 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - GRAND CANYON DEPARTURE POINT INTENDED DESTINATION LAS VEGAS,NV GRAND CANYON,AZ TYPE OF ACCIDENT PHASE OF OPERATION GEAR COLLAPSED LANDING ROLL  PROBABLE CAUSE(S) AIRFRAME - LANDING GEAR GEAR LOCKING MECHANISM MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE REMARKS- RETRACT SLIDE EARS FAILED,BELOW REQUIRED ROCKWELL HARDNESS.						
3-0038	2/17/78 TIME - 1522	FORT SMITH,AR	CESSNA 310Q N972AC DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	CUMMERICAL, FL.INSTR., AGE 47, 5600 TOTAL HOURS, 800 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - FORT SMITH MUNI DEPARTURE POINT INTENDED DESTINATION FORT SMITH,AR KANSAS CITY,KS TYPE OF ACCIDENT PHASE OF OPERATION STALL MUSH LANDING FINAL APPROACH  PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED FACTOR(S) WEATHER - LOW CEILING WEATHER - SNOW AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS ICE/SLUSH ON RUNWAY WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT  SKY CONDITION CEILING AT ACCIDENT SITE OBSCURATION 500 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 1 MILE OR LESS SNOW OBSTRUCTIONS TO VISION AT ACCIDENT SITE TEMPERATURE-F FOG 31 WIND DIRECTION-DEGREES WIND VELOCITY-KNOTS 60 8 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN IFR IFR REMARKS- AFTR TKOF PLT RPRTD ATT INDC NOT FUNCT & ACFT MUSHY,RETURNING TO LAND.ATT INDC CKD UK AFTR ACNT.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2930	10/3/78 TIME - 1300	DE QUEEN, AR	CESSNA 310Q N7707Q DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL. INSTR., AGE 41, 1039 TOTAL HOURS, 219 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - SEVIER COUNTY DEPARTURE POINT INTENDED DESTINATION NACOGDOCHES, TX DE QUEEN, AR TYPE OF ACCIDENT PHASE OF OPERATION GEAR RETRACTED LANDING ROLL  PROBABLE CAUSE(S) AIRFRAME - LANDING GEAR GEAR LOCKING MECHANISM MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE						
3-1161	2/28/78 TIME - 1030	NR. SOLVANG, CA	AERO COMDR 500A N6143X DAMAGE-DESTROYED	CR- 3 0 0 PX- 4 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL. INSTR., AGE 48, 17770 TOTAL HOURS, 2440 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION VISALIA, CA SANTA BARBARA, CA TYPE OF ACCIDENT LAST ENROUTE STOP COLLISION WITH GROUND/WATER CONTROLLED PHASE OF OPERATION IN FLIGHT DESCENDING  PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS FACTOR(S) WEATHER - LOW CEILING WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT  SKY CONDITION CEILING AT ACCIDENT SITE OVERCAST/LOWER SCATTERED 1500 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE UNKNOWN/NOT REPORTED UNKNOWN/NOT REPORTED OBSTRUCTIONS TO VISION AT ACCIDENT SITE TEMPERATURE-F GROUND FOG 61 WIND DIRECTION-DEGREES WIND VELOCITY-KNOTS 110 11 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN IFR NONE						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0991	3/22/78	NR. RIVERSIDE, CA	CESSNA T207A	CR- 1 0 0	COMMERCIAL	COMMERCIAL, AGE 63, 6300
	TIME - 2042		N7354U	PX- 5 0 0	AIR TAXI-PASSG	TOTAL HOURS, 30 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT		DAMAGE-DESTROYED			
	SANTA ANA, CA		INTENDED DESTINATION			
	TYPE OF ACCIDENT		LAKE HAVASU CITY, AZ			
	COLLISION WITH GROUND/WATER		CONTROLLED		PHASE OF OPERATION	
					IN FLIGHT NORMAL CRUISE	
	PROBABLE CAUSE(S)					
	PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS					
	PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING					
	FACTOR(S)					
	MISCELLANEOUS ACTS, CONDITIONS - UNWARRANTED LOW FLYING					
	WEATHER - LOW CEILING					
	WEATHER - FOG					
	WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE					
	WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT					
	SKY CONDITION				CEILING AT ACCIDENT SITE	
	BROKEN				1200	
	VISIBILITY AT ACCIDENT SITE				PRECIPITATION AT ACCIDENT SITE	
	5 OR OVER (UNLIMITED)				DRIZZLE	
	OBSTRUCTIONS TO VISION AT ACCIDENT SITE				TEMPERATURE-F	
	FOG				54	
	WIND DIRECTION-DEGREES				WIND VELOCITY-KNOTS	
	40				2	
	TYPE OF WEATHER CONDITIONS				TYPE OF FLIGHT PLAN	
	IFR				OTHER	
	REMARKS- VFR FLT PLAN FILED BUT NOT OPENED.					

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2230	3/30/78	BURBANK,CA	LEAR 23 N133W DAMAGE-DESTROYED	CR- 0 0 3 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 25, 2600 TOTAL HOURS, 1680 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - HOLLYWOOD-BURBANK DEPARTURE POINT INTENDED DESTINATION PHOENIX,AZ BURBANK,CA TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH FENCE,FENCEPOSTS LANDING ROLL  PROBABLE CAUSE(S) PILOT IN COMMAND - MISUSED OR FAILED TO USE FLAPS MISCELLANEOUS ACTS,CONDITIONS - FAILED TO EXTEND THE LANDING FLAPS AIRFRAME - LANDING GEAR BRAKING SYSTEM (NORMAL SYSTEM) MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - HYDROPLANING ON WET RUNWAY AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS WET RUNWAY WEATHER - RAIN WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY RADIO WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT  SKY CONDITION CEILING AT ACCIDENT SITE OVERCAST 5000 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 4 MILES OR LESS RAIN SHOWERS OBSTRUCTIONS TO VISION AT ACCIDENT SITE RELATIVE BEARING OF WIND NONE RIGHT QUARTERING HEAD WIND 023-067 DEGREES TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN IFR IFR FIRE AFTER IMPACT REMARKS- LEFT OUTBOARD ANTI-SKD VALVE INOP.PLT DIDNT DEPLOY SPOILERS.PRPTY DMG-ARPI FENCING.						
3-2441	5/30/78	LOS ANGELES,CA	PIPER PA-31 N59839 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 1 0	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 24, 2810 TOTAL HOURS, 51 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - LOS ANGELES INTL DEPARTURE POINT INTENDED DESTINATION SANTA ANA,CA LOS ANGELES,CA TYPE OF ACCIDENT PHASE OF OPERATION TURBULENCE LANDING FINAL APPROACH COLLISION WITH GROUND/WATER CONTROLLED LANDING FINAL APPROACH  PROBABLE CAUSE(S) MISCELLANEOUS - VORTEX TURBULENCE PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND REMARKS- 5KT TAILWIND.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2R22	8/29/78 TIME - 1245	MARKLEEVILLE,CA	PIPER PA-28 N1601S DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 22, 945 TOTAL HOURS, 15 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - ALPINE COUNTY DEPARTURE POINT INTENDED DESTINATION COLUMBIA,CA MARKLEEVILLE,CA 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) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS OTHER WEATHER - SUDDEN WINDSHIFT WEATHER - DOWNDRAFT,UPDRAFTS WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - UNKNOWN/NOT REPORTED  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 OF WIND NONE UNKNOWN/NOT REPORTED TEMPERATURE-F TYPE OF WEATHER CONDITIONS 90 VFR TYPE OF FLIGHT PLAN OTHER REMARKS- COLLIDED WITH ROCKS & SMALL TREE AFTER DEPARTING RWY.RWY SLOPES 0.75% DOWN.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3092	8/30/78 TIME - 1410	SAN FRANCISCO, CA	CESSNA 172N N734UF DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL. INSTR., AGE 29, 2700 TOTAL HOURS, 550 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - SAN FRANCISCO DEPARTURE POINT INTENDED DESTINATION SAN FRANCISCO, CA CONCORD, CA TYPE OF ACCIDENT PHASE OF OPERATION PROPELLER/JET/ROTOR BLAST TAXI TO TAKEOFF NOSE OVER/DOWN TAXI TO TAKEOFF  PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC. MISCELLANEOUS - PROP/JET/ROTOR BLAST FACTOR(S) WEATHER - UNFAVORABLE WIND CONDITIONS  SKY CONDITION CEILING AT ACCIDENT SITE SCATTERED UNKNOWN/NOT REPORTED VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 5 OR OVER (UNLIMITED) NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE WIND DIRECTION-DEGREES NONE 280 WIND VELOCITY-KNOTS TYPE OF WEATHER CONDITIONS 25 VFR TYPE OF FLIGHT PLAN NONE REMARKS- ACFT WAS UPSET BY PROPWASH OF LARGE ACFT. WIND GUSTING TO 40KTS.						
3-3015	9/15/78 TIME - 1925	COLUMBIA, CA	BEECH 65A-80 N978Q DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 6	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 26, 3693 TOTAL HOURS, 14 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - COLUMBIA DEPARTURE POINT INTENDED DESTINATION OAKLAND, CA COLUMBIA, CA TYPE OF ACCIDENT PHASE OF OPERATION GROUND-WATER LOOP-SWERVE LANDING ROLL  PROBABLE CAUSE(S) AIRFRAME - LANDING GEAR BRAKING SYSTEM (NORMAL SYSTEM) MISCELLANEOUS ACTS, CONDITIONS - HYDRAULIC FAILURE MISCELLANEOUS ACTS, CONDITIONS - PRESSURE, NONE FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - RAN OFF END OF RUNWAY MISCELLANEOUS ACTS, CONDITIONS - INTENTIONAL GROUND-WATER-LOOP-SWERVE REMARKS- BRAKE FAILURE ON LNDG ROLL. ACFT STRUCK BOULDER OFF END OF RWY.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4199	11/6/78 TIME - 1813	HERMOSA BEACH, CA	CESSNA T210M N761GP DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL. INSTR., AGE 37, 1045 TOTAL HOURS, 24 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION LOS ANGELES, CA LONG BEACH, CA TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT CLIMB TO CRUISE DITCHING LANDING LEVEL OFF/TOUCHDOWN  PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION INADEQUATE MAINTENANCE AND INSPECTION POWERPLANT - IGNITION SYSTEM MAGNETOS MISCELLANEOUS ACTS, CONDITIONS - IMPROPER ALIGNMENT/ADJUSTMENT 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- MAG NORMAL POINT GAP .17 TO .19 IN, POINTS FOUND TO BE .08 IN.						
3-4208	12/20/78 TIME - 1954	LOS ANGELES CA	PIPER PA-32 N4987F DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 1	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 26, 2165 TOTAL HOURS, 125 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - LOS ANGELES INTL DEPARTURE POINT INTENDED DESTINATION BURBANK CA LOS ANGELES CA TYPE OF ACCIDENT PHASE OF OPERATION TURBULENCE LANDING FINAL APPROACH COLLISION WITH GROUND/WATER UNCONTROLLED IN FLIGHT UNCONTROLLED DESCENT  PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC. MISCELLANEOUS - VORTEX TURBULENCE						



## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0808	3/28/78	NR.GRANBY,CO	BEECH 95-C55 N5412U DAMAGE-SUBSTANTIAL	CR- 0 1 1 PX- 0 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 47, 6099 TOTAL HOURS, 681 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT OWASSON,OK	INTENDED DESTINATION GRANBY,CO			
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	CONTROLLED	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE		
PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING MISCELLANEOUS ACTS,CONDITIONS - DISREGARD OF GOOD OPERATING PRACTICE WEATHER - SNOW						
FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - UNKNOWN/NOT REPORTED						
		SKY CONDITION SCATTERED		CEILING AT ACCIDENT SITE UNLIMITED		
		VISIBILITY AT ACCIDENT SITE 1/4 MILE OR LESS		PRECIPITATION AT ACCIDENT SITE SNOW		
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE BLOWING SNOW		TYPE OF WEATHER CONDITIONS IFR		
		TYPE OF FLIGHT PLAN NONE				
REMARKS- PLT ATTEMPTED VFR DESCENT THRU CLOUD COVER.						
3-3458	4/6/78	NR.SALIDA,CO	BELL 206B N216RM DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 1 3	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 32, 2991 TOTAL HOURS, 91 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT WAUGH MTN.CO	INTENDED DESTINATION FIELD SITE			
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	UNCONTROLLED	PHASE OF OPERATION TAKEOFF ABORTED		
PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED						
FACTOR(S) WEATHER - HIGH DENSITY ALTITUDE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
		SKY CONDITION CLEAR		CEILING AT ACCIDENT SITE UNLIMITED		
		VISIBILITY AT ACCIDENT SITE 5 OR OVER(UNLIMITED)		PRECIPITATION AT ACCIDENT SITE NONE		
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE		TYPE OF WEATHER CONDITIONS VFR		
		TYPE OF FLIGHT PLAN NONE				
REMARKS- AC HIT ROCKS. DA APPROX 12000FT.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0298	2/10/78 TIME - 1740	DANBURY, CT	PIPER PA-32R N47574 DAMAGE-DESTROYED	CR- 0 1 0 PX- 1 2 0 OT- 0 3 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL. INSTR., AGE 29, 658 TOTAL HOURS, 12 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - DANBURY MUNI DEPARTURE POINT INTENDED DESTINATION MANCHESTER, NH FLUSHING, NY TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH RESIDENCE(S)  PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING FINAL APPROACH  PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING MISCELLANEOUS ACTS, CONDITIONS - WATER IN FUEL TERRAIN - OTHER FACTOR(S) PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL DEFICIENCY, COMPANY MAINTAINED EQPMT, SERVICES, REGULATION PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND FIRE AFTER IMPACT REMARKS- STRUCK HOUSE. LINEMEN OBSERVED DRAINING GALLONS OF FUEL FROM REFUELING TRUCK.						
3-4365	11/28/78 TIME - 0903	HARTFORD, CT	AEROSTAR 601P N8999A DAMAGE-DESTROYED	CR- 1 0 0 PX- 2 0 0	COMMERCIAL AIR TAXI-CARGO	ATP, FLIGHT INSTR., AGE 25, 3234 TOTAL HOURS, 170 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - HARTFORD DEPARTURE POINT INTENDED DESTINATION HARTFORD, CT NEWBURGH, NY TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLISION WITH GROUND/WATER UNCONTROLLED  PHASE OF OPERATION TAKEOFF INITIAL CLIMB IN FLIGHT OTHER  PROBABLE CAUSE(S) POWERPLANT - ENGINE STRUCTURE PISTON, PISTON RINGS MISCELLANEOUS ACTS, CONDITIONS - OVERHEATED POWERPLANT - EXHAUST SYSTEM EXTERNAL SUPERCHARGER MISCELLANEOUS ACTS, CONDITIONS - ERRATIC MISC- UNDETERMINED LOSS OF AIRCRAFT CONTROL. PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND FIRE AFTER IMPACT REMARKS- LEFT ENG OVER TEMP PISTON, RERRATIC TURBO GATE.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0567	3/16/78 TIME - 1610	NAPLES, FL	CESSNA 402B N69316 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 31, 3734 TOTAL HOURS, 1172 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - NAPLES DEPARTURE POINT CINCINNATI, OH INTENDED DESTINATION NAPLES, FL TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH DIRT BANK PHASE OF OPERATION IN FLIGHT DESCENDING LANDING ROLL PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS, CONDITIONS - INATTENTIVE TO FUEL SUPPLY MISCELLANEOUS ACTS, CONDITIONS - FUEL EXHAUSTION TERRAIN - ROUGH/UNEVEN FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - FAILURE OF TWO OR MORE ENGINES MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-2 ENGINES EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND FIRE AFTER IMPACT						
3-0848	4/8/78 TIME - 1204	ST. PETERSBURG, FL	PIPER PA-28 N4731F DAMAGE-DESTROYED	CR- 1 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	PRIVATE, AGE 24, 223 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - ALBERT WHITTED DEPARTURE POINT VERO BEACH, FL INTENDED DESTINATION ST. PETERSBURG, FL TYPE OF ACCIDENT OVERSHOOT STALL MUSH PHASE OF OPERATION LANDING FINAL APPROACH LANDING GO-AROUND PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1732	6/4/78 TIME - 1732	DAYTONA BEACH, FL	CONVAIR 240 N91237 DAMAGE-SUBSTANTIAL	CR- 0 0 3 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 28, 3317 TOTAL HOURS, 626 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - DAYTONA BEACH REG DEPARTURE POINT INTENDED DESTINATION ORLANDO, FL DAYTONA BEACH, FL TYPE OF ACCIDENT PHASE OF OPERATION FIRE OR EXPLOSION ON GROUND TAXI FROM LANDING  PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION INADEQUATE MAINTENANCE AND INSPECTION POWERPLANT - FUEL SYSTEM LINES AND FITTINGS MISCELLANEOUS ACTS, CONDITIONS - DETERIORATED REMARKS- FIRE ERUPTED IN LEFT ENG DUE FUEL LEAK FROM LINE DETERIORATED BY AGE.						
3-4226	11/24/78 TIME - 2145	FT. LAUDERDALE, FL	PIPER PA-34 N15229 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 4	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE UNK/NR, 1205 TOTAL HOURS, 140 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - FT. LAUDERDALE INT DEPARTURE POINT INTENDED DESTINATION ISLAMORADA, FL FT. LAUDERDALE, FL TYPE OF ACCIDENT PHASE OF OPERATION GEAR COLLAPSED LANDING ROLL  PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED						
3-4481	12/22/78 TIME - 1515	NR. KEY WEST, FL	CESSNA 185 N2673Z DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 37, 5010 TOTAL HOURS, 500 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - BALLAST KEY DEPARTURE POINT INTENDED DESTINATION KEY WEST, FL KEY WEST, FL TYPE OF ACCIDENT PHASE OF OPERATION NOSE OVER/DOWN LANDING ROLL  PROBABLE CAUSE(S) AIRFRAME - LANDING GEAR NORMAL RETRACTION/EXTENSION ASSEMBLY MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER REMARKS- LDG GEAR EXTENDED DURING WATER LDG. FLOAT EQUIPPED.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0720	1/16/78 TIME - 1112	SAVANNAH,GA	BEECH D18 N1828D DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0 DT- 0 0 2	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 26, 3262 TOTAL HOURS, 1341 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - SAVANNAH MUNI DEPARTURE POINT INTENDED DESTINATION SAVANNAH,GA ATLANTA,GA TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH AIRCRAFT BOTH ON GROUND TAXI TO TAKEOFF  PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED SPEED AND CLEARANCE REMARKS- OVERAN SMALLER A/C ON TAXIWAY.DAMAGE TO RT WING.						
3-1108	4/11/78 TIME - 2030	MACON,GA	PIPER PA-34 N1401T DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL.INSTR., AGE 46, 824 TOTAL HOURS, 267 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - LEWIS R.WILSON DEPARTURE POINT INTENDED DESTINATION ALBANY,GA MACON,GA TYPE OF ACCIDENT PHASE OF OPERATION OVERSHOOT LANDING LEVEL OFF/TOUCHDOWN GEAR COLLAPSED 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 - HYDROPLANING ON WET RUNWAY MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE						
3-1448	6/23/78 TIME - 1655	ATLANTA,GA	HUGHES 269C N9584F DAMAGE-DESTROYED LOCAL	CR- 0 1 0 PX- 1 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 32, 2629 TOTAL HOURS, 750 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION ATLANTA,GA TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH WIRES/POLES IN FLIGHT HOVERING  PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED CLEARANCE PILOT IN COMMAND - SPONTANEOUS-IMPROPER ACTION REMARKS- PICKING UP CHECK BUCKET ON TOP OF POLE AT BANK.SKID OBSERVED LODGED BETWEEN ROPE & PULE.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4320	11/8/78 TIME - 1430	NR.ST.MARYS,GA	CESSNA 210M N761AX DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 4	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 23, 4500 TOTAL HOURS, 100 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - CHANDLERS STRIP DEPARTURE POINT INTENDED DESTINATION JACKSONVILLE,FL CUMBERLAND ISLAND,GA		PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN LANDING GO-AROUND		
		TYPE OF ACCIDENT OVERSHOOT COLLIDED WITH FENCE,FENCEPOSTS				
PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND						
3-2727	7/23/78 TIME - 0920	KAILUA KONA,HI	DEHAVILLAND 114-24 N16722 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 17 OT- 0 0 11	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 61, 27500 TOTAL HOURS, 56 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - KE-AHOLE DEPARTURE POINT INTENDED DESTINATION KE-AHOLE HI KAHULUI HI		PHASE OF OPERATION STATIC IDLING ENGINE(S)		
		TYPE OF ACCIDENT COLLISION WITH AIRCRAFT BOTH ON GROUND				
PROBABLE CAUSE(S) PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT REMARKS- PILOT OF N42S ALLOWED HIS ACFT TO MOVE FORWARD AND THE LEFT PROP STRUCK TAIL OF N16722.						
3-2727	7/23/78 TIME - 0920	KAILUA KONA,HI	DEHAVILLAND 104-5A N42S DAMAGE-MINOR	CR- 0 0 2 PX- 0 0 9 OT- 0 0 19	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 57, 7000 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - KE-AHOLE DEPARTURE POINT INTENDED DESTINATION KE-AHOLE,KONA,HI KAHULUI,HI		PHASE OF OPERATION TAXI TO TAKEOFF		
		TYPE OF ACCIDENT COLLISION WITH AIRCRAFT BOTH ON GROUND				
PROBABLE CAUSE(S) PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT REMARKS- PILOTS ATTENTION DIVERTED TO ADJUST RADIO.ACFT ROLLED FORWARD 6FT,PROP HIT TAIL OF N16722.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4188	10/9/78 TIME - 1045	WAIMEA CNYN, HI	BELL 206L N477KH DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 6	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL. INSTR., AGE 29, 2929 TOTAL HOURS, 370 IN TYPE, NOT INSTRU- MENT RATED.
		DEPARTURE POINT KAUAI, HI	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLISION WITH GROUND/WATER CONTROLLED		PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING POWER-OFF AUTOROTATIVE LANDING		
PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS, CONDITIONS - FUEL EXHAUSTION						
FACTOR(S) TERRAIN - HIGH VEGETATION COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
REMARKS- SGHT SNG FLT FRM HOTEL TO WAIMEA CNYN AND RETRN. PLT AUTOROTATED INTO FOREST AFTER FLAMEOUT.						
3-1483	7/11/78 TIME - 1530	NR. RIGGINS, ID	CESSNA 172 N73819 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL. INSTR., AGE 40, 3554 TOTAL HOURS, 2200 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT SPOKANE, WA	INTENDED DESTINATION RIGGINS, ID			
		TYPE OF ACCIDENT OVERSHOOT COLLIDED WITH AUTOMOBILE		PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN LANDING ROLL		
PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED						
FACTOR(S) TERRAIN - OTHER WEATHER - UNFAVORABLE WIND CONDITIONS WEATHER BRIEFING - UNKNOWN/NOT REPORTED WEATHER FORECAST - UNKNOWN/NOT REPORTED						
		SKY CONDITION CLEAR	CEILING AT ACCIDENT SITE UNLIMITED			
		VISIBILITY AT ACCIDENT SITE 5 OR OVER(UNLIMITED)	PRECIPITATION AT ACCIDENT SITE NONE			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE	TEMPERATURE-F 80			
		TYPE OF WEATHER CONDITIONS VFR	TYPE OF FLIGHT PLAN NONE			
REMARKS- LND ON BLOCKED OFF HIWAY. TERRAIN PRECLUDED GO AROUND. HIT PARKED CAR.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2909	9/11/78	RIGGINS, ID	CESSNA 185F NR0172	CR- 1 0 0 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 24, 824 TOTAL HOURS, 95 IN TYPE, INSTRUMENT RATED.
	TIME - 1215		DAMAGE-DESTROYED INTENDED DESTINATION LOCAL			
	DEPARTURE POINT CASCADE, ID				PHASE OF OPERATION IN FLIGHT OTHER	
	TYPE OF ACCIDENT COLLISION WITH GROUND/WATER		CONTROLLED			
	PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING MISCELLANEOUS ACTS, CONDITIONS - FLEW INTO BLIND CANYON					
	FACTOR(S) WEATHER - LOW CEILING TERRAIN - HIGH OBSTRUCTIONS WEATHER BRIEFING - OTHER					
	SKY CONDITION OVERCAST				CEILING AT ACCIDENT SITE 6500	
	VISIBILITY AT ACCIDENT SITE 5 OR OVER (UNLIMITED)				PRECIPITATION AT ACCIDENT SITE UNKNOWN/NOT REPORTED	
	OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE				TYPE OF WEATHER CONDITIONS VFR	
	TYPE OF FLIGHT PLAN NONE					
	FIRE AFTER IMPACT					
	REMARKS- MTN TOPS OBS. WX BRIEFING OBTND FM SHORT WAVE RADIO.					
3-3176	10/20/78	MC CALL, ID	PIPER PA-32 N55571	CR- 0 0 1 PX- 0 0 3	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 60, 11200 TOTAL HOURS, 12 IN TYPE, INSTRUMENT RATED.
	TIME - 1230		DAMAGE-SUBSTANTIAL			
	NAME OF AIRPORT - MCCALL					
	DEPARTURE POINT MC CALL, ID		INTENDED DESTINATION THOMAS CREEK, ID			
	TYPE OF ACCIDENT STALL MUSH				PHASE OF OPERATION TAKEOFF INITIAL CLIMB	
	PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - PREMATURE LIFT-OFF PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED					
	FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G.					
	REMARKS- EXCEEDED TKOF WT BY 15LBS AND AFT CG BY 1.7IN.					



## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3388	1/6/78 TIME - 1850	MARION, IL	CESSNA 337G N71947 DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 28, 1500 TOTAL HOURS, 400 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - WILLIAMSON COUNTY DEPARTURE POINT GREENVILLE, KY INTENDED DESTINATION MARION, IL TYPE OF ACCIDENT COLLIDED WITH ELECTRONIC TOWERS COLLISION WITH GROUND/WATER UNCONTROLLED LAST ENROUTE STOP MADISONVILLE, KY PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING FINAL APPROACH  PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS MISCELLANEOUS ACTS, CONDITIONS - INTERFERENCE WITH FLIGHT CONTROLS MISCELLANEOUS ACTS, CONDITIONS - PREVIOUS DAMAGE FACTOR(S) WEATHER - LOW CEILING WEATHER - FOG AIRFRAME - FLIGHT CONTROL SURFACES AILERON SURFACES, ATTACHMENTS MISCELLANEOUS ACTS, CONDITIONS - SEPARATION IN FLIGHT WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT  SKY CONDITION OVERCAST VISIBILITY AT ACCIDENT SITE 2 MILES OR LESS OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG TYPE OF WEATHER CONDITIONS IFR FIRE AFTER IMPACT REMARKS- HIT TWR AT 100FT AGL LVL 27MI FRM DESTN, R AIL SEPD. CRASHED 1MI FRM DESTN, 125FT GUY WIRE, R WING.  CEILING AT ACCIDENT SITE 400 PRECIPITATION AT ACCIDENT SITE NONE TEMPERATURE-F 42 TYPE OF FLIGHT PLAN NONE						
3-4085	1/11/78 TIME - 2145	WEST CHICAGO, IL	BEECH G-18S N38RM DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	AIRLINE TRANSPORT, AGE 26, 3831 TOTAL HOURS, 1075 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - DUPAGE COUNTY DEPARTURE POINT GRAND RAPIDS, MI INTENDED DESTINATION WEST CHICAGO, IL TYPE OF ACCIDENT GEAR COLLAPSED PHASE OF OPERATION LANDING ROLL  PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL) AIRFRAME - LANDING GEAR MAIN GEAR-SHOCK ABSORBING ASSY, STRUTS, ATTACHMENTS, ETC. MISCELLANEOUS ACTS, CONDITIONS - HYDRAULIC FAILURE FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE REMARKS- MANAGING DIRECTOR STATED TO DIRECTOR OF MAINT ACF1 WAS OK.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2476	3/13/78 TIME - 0915	CHICAGO, IL	PIPER PA-23 N54227 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 5	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 54, 19697 TOTAL HOURS, 3549 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - O'HARE INTL DEPARTURE POINT INTENDED DESTINATION LAST ENROUTE STOP BURLINGTON, IA CHICAGO, IL MOLINE, IL TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH AUTOMOBILE TAXI FROM LANDING  PROBABLE CAUSE(S) PERSONNEL - MISCELLANEOUS-PERSONNEL DRIVER OF VEHICLE REMARKS- FAILED TO STOP AT STOP SIGN.						
3-2120	5/23/78 TIME - 1800	NR.DEKALB, IL	BEECH G-18 N8087 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 45, 2854 TOTAL HOURS, 1775 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - DEKALB MUNICIPAL DEPARTURE POINT INTENDED DESTINATION DEKALB, IL ROCKFORD, IL TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION TAKEOFF RUN COLLIDED WITH FENCE, FENCEPOSTS TAKEOFF RUN  PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS MISCELLANEOUS ACTS, CONDITIONS - IMPROPER EMERGENCY PROCEDURES PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP. REMARKS- PILOT STATED INTER PWR LOSS. NO PRE-ACC MALF FOUND BY MAINT.						
3-2290	5/27/78 TIME - 0015	NR.KEWANEE, IL	CESSNA 210 N1797X DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 39, 1165 TOTAL HOURS, 237 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - KEWANEE DEPARTURE POINT INTENDED DESTINATION GALESBURG, IL MOLINE, IL TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT NORMAL CRUISE NOSE OVER/DOWN LANDING LEVEL OFF/TOUCHDOWN  PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS, CONDITIONS - FUEL EXHAUSTION TERRAIN - WET, SOFT GROUND COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3597	7/12/78	CHICAGO, IL	BEECH 65-90 N742UT DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	ATP, FLIGHT INSTR., AGE 37, 4600 TOTAL HOURS, 468 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - O'HARE INTL DEPARTURE POINT INTENDED DESTINATION CHICAGO, IL LOCAL TYPE OF ACCIDENT PHASE OF OPERATION WHEELS-UP LANDING LEVEL OFF/TOUCHDOWN  PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL) AIRFRAME - LANDING GEAR MAIN GEAR-SHOCK ABSORBING ASSY, STRUTS, ATTACHMENTS, ETC. MISCELLANEOUS ACTS, CONDITIONS - IMPROPERLY INSTALLED REMARKS- RT MAIN GEAR DEPARTED AIRCRAFT ON TAKEOFF.						
3-4341	9/9/78	SAVOY, IL	PIPER PA-31 N26AN DAMAGE-DESTROYED	CR- 1 0 0 PX- 5 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 29, 1502 TOTAL HOURS, 49 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - WILLARD DEPARTURE POINT INTENDED DESTINATION SAVOY, IL CLEVELAND, OH TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION TAKEOFF INITIAL CLIMB STALL SPIRAL TAKEOFF INITIAL CLIMB  PROBABLE CAUSE(S) POWERPLANT - ENGINE STRUCTURE MASTER AND CONNECTING RODS MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING MISCELLANEOUS ACTS, CONDITIONS - IMPROPER EMERGENCY PROCEDURES PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED FACTOR(S) PERSONNEL - MISCELLANEOUS-PERSONNEL OTHER COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP. REMARKS- CONNECTING ROD BOLT OR NUT FAILURE FOR UNDETERMINED REASONS. PLIS FAA CHECK FLT NUT COMPLETE.						
3-4350	9/13/78	CHICAGO, IL	BEECH 18T N12VT DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL. INSTR., AGE 33, 4500 TOTAL HOURS, 600 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - O'HARE INTL DEPARTURE POINT INTENDED DESTINATION CHICAGO, IL PITTSBURGH, PA TYPE OF ACCIDENT PHASE OF OPERATION GROUND-WATER LOOP-SWERVE TAKEOFF RUN  PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4444	9/19/78 TIME - 2028	CHICAGO, IL	PIPER PA-28 N4529Q DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0 QT- 0 0 1	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 36, 2374 TOTAL HOURS, 203 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - O'HARE INTL DEPARTURE POINT CHICAGO, IL TYPE OF ACCIDENT COLLIDED WITH AUTOMOBILE INTENDED DESTINATION JAMESVILLE, WI PHASE OF OPERATION TAXI TO TAKEOFF PROBABLE CAUSE(S) PERSONNEL - MISCELLANEOUS-PERSONNEL DRIVER OF VEHICLE REMARKS- FAILED TO SEE ACFT.						
3-4131	10/4/78 TIME - 0125	CHICAGO, IL	PIPER PA-32 N5909V DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0 QT- 0 0 1	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 24, 1400 TOTAL HOURS, 150 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - O'HARE DEPARTURE POINT CHICAGO, IL TYPE OF ACCIDENT COLLIDED WITH AUTOMOBILE INTENDED DESTINATION MINNEAPOLIS, MN PHASE OF OPERATION TAXI TO TAKEOFF PROBABLE CAUSE(S) PERSONNEL - MISCELLANEOUS-PERSONNEL DRIVER OF VEHICLE REMARKS- R WING STRUCK BY FORWARD LEFT SIDE OF UTILITY TRUCK.						
3-4001	10/18/78 TIME - 0614	NR. MOLINE, IL	BEECH 58 N9367Q DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL. INSTR., AGE 27, 2984 TOTAL HOURS, 146 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - QUAD CITY DEPARTURE POINT CEDAR RAPIDS, IA TYPE OF ACCIDENT WHEELS-UP INTENDED DESTINATION MOLINE, IL PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO EXTEND LANDING GEAR REMARKS- PILOT PULLED OUT LDG GEAR WARNING CIRCUIT BREAKER PRIOR TO LANDING						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3866	12/6/78 TIME - 2245	CHICAGO, IL	CESSNA 401A N622DG DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	AIRLINE TRANSPORT, AGE 29. 3681 TOTAL HOURS, 638 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - CHICAGO MIDWAY DEPARTURE POINT INTENDED DESTINATION CHICAGO, IL DAYTON, OH TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH SNOWBANK TAKEOFF ABORTED  PROBABLE CAUSE(S) PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS PILOT IN COMMAND - PREMATURE LIFT-OFF FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS ICE/SLUSH ON RUNWAY MISCELLANEOUS ACTS, CONDITIONS - DOWNWIND REMARKS- UNABLE TO STOP ON RY DUE TO ICE COVERED SURFACE. COLLIDED WITH SNOWBANK 100 FT OFF RY.						
3-4465	12/7/78 TIME - 1341	WEST CHICAGO, IL	PIPER PA-32 N4175R DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 27, 476 TOTAL HOURS, 150 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - DUPAGE DEPARTURE POINT INTENDED DESTINATION WEST CHICAGO, IL OTTAWA, IL TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH SNOWBANK LANDING LEVEL OFF/TOUCHDOWN  PROBABLE CAUSE(S) PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS WEATHER - ICING CONDITIONS-INCLUDES SLEET, FREEZING RAIN, ETC. MISCELLANEOUS ACTS, CONDITIONS - AIRFRAME ICE MISCELLANEOUS ACTS, CONDITIONS - ICE-WINDSHIELD MISCELLANEOUS ACTS, CONDITIONS - NOT ALIGNED WITH RUNWAY/INTENDED LANDING AREA FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT FACILITIES RUNWAY LIGHTING WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, IN PERSON WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT ADVERSE/UNFAVORABLE WEATHER  SKY CONDITION CEILING AT ACCIDENT SITE OVERCAST 500 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 3 MILES OR LESS FREEZING RAIN OBSTRUCTIONS TO VISION AT ACCIDENT SITE RELATIVE BEARING OF WIND FOG LEFT CROSS WIND 248-292 DEGREES TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN IFR SPECIAL VFR REMARKS- RUNWAY LIGHTS WERE COVERED WITH SNOW. A NONSTANDARD APPROACH LIGHT SYSTEM WAS OPERATING.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3790	12/19/78 TIME - 1658	MORTON, IL	CESSNA 210L N46380 DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL. INSTR., AGE 35, 1425 TOTAL HOURS, 200 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT TERRA HAUTE, IN	INTENDED DESTINATION MOLINE, IL			
		TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES		PHASE OF OPERATION IN FLIGHT NORMAL CRUISE		
PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS						
FACTOR(S) WEATHER - LOW CEILING WEATHER - FOG						
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, IN PERSON						
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT						
		SKY CONDITION OVERCAST	CEILING AT ACCIDENT SITE 400			
		VISIBILITY AT ACCIDENT SITE 1 MILE OR LESS	PRECIPITATION AT ACCIDENT SITE DRIZZLE			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG	TEMPERATURE-F 35			
		TYPE OF WEATHER CONDITIONS IFR	TYPE OF FLIGHT PLAN NONE			
FIRE AFTER IMPACT REMARKS- COLLIDED WITH WIRES.						
3-2608	4/23/78 TIME - 2147	ARLINGTON, IN	PIPER PA-31 N49MC DAMAGE-DESTROYED	CR- 1 0 0 PX- 8 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL. INSTR., AGE 54, 32784 TOTAL HOURS, 1510 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT TRENTON, NJ	INTENDED DESTINATION INDIANAPOLIS, IN			
		TYPE OF ACCIDENT TURBULENCE COLLISION WITH GROUND/WATER UNCONTROLLED		PHASE OF OPERATION IN FLIGHT DESCENDING IN FLIGHT UNCONTROLLED DESCENT		
PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED FLIGHT INTO KNOWN AREAS OF SEVERE TURBULENCE						
WEATHER - TURBULENCE, ASSOCIATED W/CLOUDS AND/OR THUNDERSTORMS						
WEATHER - THUNDERSTORM ACTIVITY						
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY RADIO						
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT						
		SKY CONDITION CLAR	CEILING AT ACCIDENT SITE UNLIMITED			
		VISIBILITY AT ACCIDENT SITE 5 OR OVER (UNLIMITED)	PRECIPITATION AT ACCIDENT SITE NONE			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE	TYPE OF WEATHER CONDITIONS VFR			
TYPE OF FLIGHT PLAN IFR						
FIRE AFTER IMPACT						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3777	9/27/78 TIME - 0630	INDIANAPOLIS, IN	CESSNA 402 N4048Q DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 28, 1200 TOTAL HOURS, 800 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - INDIANAPOLIS INTL DEPARTURE POINT INTENDED DESTINATION CHICAGO, IL INDIANAPOLIS, IN TYPE OF ACCIDENT PHASE OF OPERATION GEAR COLLAPSED TAXI FROM LANDING  PROBABLE CAUSE(S) AIRFRAME - LANDING GEAR NORMAL RETRACTION/EXTENSION ASSEMBLY MISCELLANEOUS ACTS, CONDITIONS - FATIGUE FRACTURE REMARKS- CYLINDER AND TRUNNION PN 504-1000-81 CRACKED PRIOR TO ACCIDENT.						
3-3996	10/23/78 TIME - 2228	INDIANAPOLIS, IN	PIPER PA-31 N62856 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 23, 1581 TOTAL HOURS, 97 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - INDIANAPOLIS, INT DEPARTURE POINT INTENDED DESTINATION INDIANAPOLIS, IN WILLMETON, OH TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH OBJECT TAXI TO TAKEOFF  PROBABLE CAUSE(S) PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS PERSONNEL - TRAFFIC CONTROL PERSONNEL FAILURE TO ADVISE OF UNSAFE AIRPORT CONDITIONS REMARKS- STRUCK SAW HORSES WITH FLASHERS OPERATING. ATC CLEARED ACFT TO CLOSED/BARRICADED TAXIWAY.						
3-4078	12/1/78 TIME - 1415	MARION, IN	CESSNA 310Q N310AE DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 46, 13786 TOTAL HOURS, 898 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - MARION MUNI DEPARTURE POINT INTENDED DESTINATION OAKLAND-TROY, MI MARION, IN TYPE OF ACCIDENT PHASE OF OPERATION GEAR COLLAPSED LANDING ROLL  PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL) AIRFRAME - LANDING GEAR MAIN GEAR-SHOCK ABSORBING ASSY, STRUTS, ATTACHMENTS, ETC. MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE MISCELLANEOUS ACTS, CONDITIONS - LACK OF LUBRICATION-SPECIFIC PART, NOT SYSTEM						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0013	1/12/78 TIME - 0830	MUSCATINE, IA	CESSNA 310R N5080J DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL. INSTR., AGE 42, 5298 TOTAL HOURS, 1241 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - MUSCATINE, MUNI DEPARTURE POINT INTENDED DESTINATION DES MOINES, IA MUSCATINE, IA TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH SNOWRANK LANDING ROLL  PROBABLE CAUSE(S) PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN FACTOR(S) WEATHER - LOW CEILING AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SNOW ON RUNWAY AIRPORTS/AIRWAYS/FACILITIES - AIRPORT FACILITIES RUNWAY LIGHTING WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT  SKY CONDITION CEILING AT ACCIDENT SITE OVERCAST UNKNOWN/NOT REPORTED VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 2 MILES OR LESS SNOW OBSTRUCTIONS TO VISION AT ACCIDENT SITE TYPE OF WEATHER CONDITIONS NONE VFR TYPE OF FLIGHT PLAN IFR REMARKS- LANDED ON SNOW COVERED SOD AREA ADJACENT TO RWY. RWY COVERED WITH SNOW, NO LIGHTS ALONG RWY EDGE.						



## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA	
				F	S	M/N			
3-3615	12/2/78 TIME - 1313	DES MOINES, IA	DOUGLAS DC-3 N41447 DAMAGE-SUBSTANTIAL	CR- PX-	0 0	1 0	1 0	COMMERCIAL AIR TAXI-CARGO	AIRLINE TRANSPORT, AGE 34, 3900 TOTAL HOURS, 350 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - DES MOINES MUNI DEPARTURE POINT CHICAGO, IL INTENDED DESTINATION DES MOINES, IA TYPE OF ACCIDENT UNDERSHOOT PHASE OF OPERATION COLLIDED WITH DIRT BANK LANDING FINAL APPROACH LANDING FINAL APPROACH PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - AIRFRAME ICE MISCELLANEOUS ACTS, CONDITIONS - ICE-WINDSHIELD WEATHER - ICING CONDITIONS-INCLUDES SLEET, FREEZING RAIN, ETC. WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY RADIO WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT SKY CONDITION OVERCAST CEILING AT ACCIDENT SITE 1000 VISIBILITY AT ACCIDENT SITE 2 MILES OR LESS PRECIPITATION AT ACCIDENT SITE FREEZING DRIZZLE OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG RELATIVE BEARING OF WIND HEAD WIND 338-022 DEGREES TEMPERATURE-F WIND DIRECTION-DEGREES 60 WIND VELOCITY-KNOTS 14 TYPE OF WEATHER CONDITIONS IFR TYPE OF FLIGHT PLAN IFR REMARKS- WND GUST 20K. ACFT T/D APPROX 300 FT SHORT OF RNY									
3-0286	3/7/78 TIME - 0325	HUTCHINSON, KS	AERO CMDR 500B N888CA DAMAGE-SUBSTANTIAL	CR- PX-	0 0	0 0	1 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL. INSTR., AGE 24, 3625 TOTAL HOURS. 56 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - HUTCHINSON DEPARTURE POINT WICHITA, KS INTENDED DESTINATION HUTCHINSON, KS TYPE OF ACCIDENT COLLIDED WITH SNOWBANK PHASE OF OPERATION LANDING ROLL PROBABLE CAUSE(S) PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND PERSONNEL - AIRPORT SUPERVISORY PERSONNEL IMPROPER/INADEQUATE SNOW REMOVAL AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS ICE/SLUSH ON RUNWAY FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - ICE-WINDSHIELD MISCELLANEOUS ACTS, CONDITIONS - DOWNWIND REMARKS- WIND GUSTING TO 15KTS. FOOT HIGH PILES OF SNOW REMOVED FROM RWY AFT ACCIDENT.									

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2776	9/18/78 TIME - 1540	GARDEN CITY,KS	CESSNA 401A N6238Q DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 4	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 58, 2635 TOTAL HOURS, 1154 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - GARDEN CITY MUNI DEPARTURE POINT INTENDED DESTINATION AMARILLO, TX GARDEN CITY, KS TYPE OF ACCIDENT PHASE OF OPERATION GEAR RETRACTED LANDING ROLL  PROBABLE CAUSE(S) AIRFRAME - LANDING GEAR GEAR LOCKING MECHANISM MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE REMARKS- L-HAND BELLCRANK ASSEMBLY, P/N 5041001-1, BROKEN.						
3-0711	3/20/78 TIME - 1420	HAZARD, KY	CESSNA 182 N21531 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL. INSTR., AGE 39, 2035 TOTAL HOURS, 325 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - HAZARD DEPARTURE POINT INTENDED DESTINATION LOUISVILLE, KY HAZARD, KY TYPE OF ACCIDENT PHASE OF OPERATION OVERSHOOT LANDING LEVEL OFF/TOUCHDOWN COLLIDED WITH TREES LANDING ROLL  PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED PILOT IN COMMAND - MISUSED OR FAILED TO USE FLAPS FACTOR(S) WEATHER - UNFAVORABLE WIND CONDITIONS MISCELLANEOUS ACTS, CONDITIONS - DOWNWIND MISCELLANEOUS ACTS, CONDITIONS - RAN OFF END OF RUNWAY WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT  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 OF WIND NONE TAIL WIND 158-202 DEGREES TEMPERATURE-F WIND DIRECTION-DEGREES 70 180 WIND VELOCITY-KNOTS TYPE OF WEATHER CONDITIONS 15 VFR TYPE OF FLIGHT PLAN VFR REMARKS- T/D FAST & LONG WITH FLAPS UP. OBSTRUCTIONS ON DEP END PREVENTED GO-ARND. GUSTS TO 20 KNOTS.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2376	5/16/78	NR. COVINGTON, KY	CESSNA 404 N5422G DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	ATP, FLIGHT INSTR., AGE 23, 3218 TOTAL HOURS, 109 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT URBANA, OH	INTENDED DESTINATION EVANSVILLE, IN	PHASE OF OPERATION IN FLIGHT CLIMB TO CRUISE		
		TYPE OF ACCIDENT FIRE OR EXPLOSION IN FLIGHT				
		PROBABLE CAUSE(S) POWERPLANT - EXHAUST SYSTEM OTHER				
		FACTOR(S) PERSONNEL - PRODUCTION-DESIGN-PERSONNEL POOR/INADEQUATE DESIGN				
		REMARKS- CESSNA P/N9910298-5 FLOW RING ADAPTER FAILED. HOT EXHAUST GAS DAMAGED ACFT.				
3-2787	6/22/78	MARION, KY	PIPER PA-23 N5421Y DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 23, 4118 TOTAL HOURS, 191 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT LOUISVILLE, KY	INTENDED DESTINATION MAYFIELD, KY	LAST ENROUTE STOP OWENSBORO, KY		
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER UNCONTROLLED		PHASE OF OPERATION IN FLIGHT UNCONTROLLED DESCENT		
		PROBABLE CAUSE(S) PILOT IN COMMAND - INCAPACITATION				
		MISCELLANEOUS ACTS, CONDITIONS - PILOT FATIGUE				
		REMARKS- WITNESSES OBSERVED CONSTANT-RATE DESCENDING TURN TO GND. SLEEPING AT CILS, OTHER RECENT FLIGHTS.				
3-0795	3/23/78	NR. MORGAN CITY, LA	BELL 47G-4A N8182J DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 1 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 37, 3335 TOTAL HOURS, 555 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - SHIPSHOAL BK 209B	INTENDED DESTINATION LOCAL	PHASE OF OPERATION LANDING POWER-ON LANDING		
		DEPARTURE POINT SHIP SHOAL BLK 209				
		TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE MAIN ROTOR				
		PROBABLE CAUSE(S) ROTORCRAFT - ROTOR ASSEMBLIES OTHER				
		MISCELLANEOUS ACTS, CONDITIONS - FATIGUE FRACTURE				
		FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER				
		REMARKS- MAIN ROTOR BLADE COUNTERWEIGHT ROD TIE BOLT FAILED.				

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0737	4/28/78 TIME - 1330	NR. INTRACSTL CITY, LA	BELL 206B N16718 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 29, 1452 TOTAL HOURS, 11140 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - VERMILION 245A DEPARTURE POINT INTENDED DESTINATION INTRACSTL CITY, LA INTRACSTL CITY, LA TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH RUNWAY OR APPROACH LIGHTS LANDING POWER-ON LANDING  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS FACTOR(S) WEATHER - UNFAVORABLE WIND CONDITIONS WEATHER BRIEFING - SELF-HELP, PILOT CHECKED WEATHER DATA WEATHER FORECAST - UNKNOWN/NOT REPORTED  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 OF WIND NONE UNKNOWN/NOT REPORTED TEMPERATURE-F WIND DIRECTION-DEGREES 72 140 WIND VELOCITY-KNOTS TYPE OF WEATHER CONDITIONS 15 VFR TYPE OF FLIGHT PLAN NONE						
3-1791	6/28/78 TIME - 1033	NR. MORGAN CITY, LA	BELL 205A-1 N94AL DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 10	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL. INSTR., AGE 31, 5244 TOTAL HOURS, 2621 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION EUGENE BK 43, GULF MX MORGAN CITY, LA TYPE OF ACCIDENT PHASE OF OPERATION PROPELLER/ROTOR FAILURE MAIN ROTOR IN FLIGHT NORMAL CRUISE HARD LANDING LANDING POWER-OFF AUTOMATIC LANDING  PROBABLE CAUSE(S) ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM MAIN ROTOR DRIVE SHAFT MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE FACTOR(S) TERRAIN - ROUGH WATER MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER REMARKS- MAIN DRIVE SHAFT BOOT P/N 205-404-176-009 FAILED						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2240	7/6/78 TIME - 1237	NR.CAMERON,LA	BELL 206R N7979S DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 48, 4363 TOTAL HOURS, 217 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - HELIPORT PLATFORM DEPARTURE POINT - INTENDED DESTINATION CAMERON,LA WEST CAMERON 409 TYPE OF ACCIDENT COLLISION WITH GROUND/WATER CONTROLLED  PHASE OF OPERATION IN FLIGHT LOW PASS  PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - UNWARRANTED LOW FLYING REMARKS- IMPACTED WATER WHILE IN TURN AFTER LIFT OFF FROM HELIPORT ON DRILLING PLATFORM.						
3-2858	7/9/78 TIME - 2137	NR.MORGAN CITY,LA	BELL 212 N90223 DAMAGE-DESTROYED	CR- 0 2 0 PX- 0 5 4	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 54, 11113 TOTAL HOURS, 1385 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - PENROD RIG 31 DEPARTURE POINT - INTENDED DESTINATION MORGAN CITY,LA MORGAN CITY,LA TYPE OF ACCIDENT COLLIDED WITH OBJECT  PHASE OF OPERATION TAKEOFF INITIAL CLIMB  PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC. PILOT IN COMMAND - SPATIAL DISORIENTATION FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - CREW COORDINATION-POOR MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER REMARKS- NO LIGHTS OR VISIBLE HORIZON,MOON 1/4 FULL BEHIND TKOF PATH. COLLIDED WITH OIL RIG.						
3-2857	8/13/78 TIME - 0945	NR.CAMERON,LA	BOLKOW RD-105 N17235 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 43, 6027 TOTAL HOURS, 8 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - E CAMERON BLK 265 DEPARTURE POINT - INTENDED DESTINATION CAMERON,LA EUGENE ISLAND BK 206 TYPE OF ACCIDENT COLLIDED WITH OBJECT  PHASE OF OPERATION TAKEOFF INITIAL CLIMB  PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED CLEARANCE FACTOR(S) PERSONNEL - MISCELLANEOUS-PERSONNEL OTHER MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER REMARKS- OPR LEFT CRANE ROOM CABLE OUT OF NORMAL POS.ROTOR BLADES HIT CABLE BALL HOOK.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2444	8/30/78	NR. INTRACSTL CITY, LA	BELL 206B N9908K DAMAGE-DESTROYED	CR- 1 0 0 PX- 3 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 32, 4154 TOTAL HOURS, 126 IN TYPE, NOT INSTRUMENT RATED.
	TIME - 1120					
	DEPARTURE POINT	INTRACSTL CITY, LA	INTENDED DESTINATION			
	TYPE OF ACCIDENT	COLLISION WITH GROUND/WATER	CONTROLLED		PHASE OF OPERATION IN FLIGHT NORMAL CRUISE	
	PROBABLE CAUSE(S)	PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING				
	FACTOR(S)	WEATHER - THUNDERSTORM ACTIVITY WEATHER - RAIN MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER WEATHER BRIEFING - UNKNOWN/NOT REPORTED WEATHER FORECAST - UNKNOWN/NOT REPORTED				
	SKY CONDITION	OVERCAST			CEILING AT ACCIDENT SITE UNKNOWN/NOT REPORTED	
	VISIBILITY AT ACCIDENT SITE	UNKNOWN/NOT REPORTED			PRECIPITATION AT ACCIDENT SITE RAIN, THUNDERSTORM	
	OBSTRUCTIONS TO VISION AT ACCIDENT SITE	UNKNOWN/NOT REPORTED			TYPE OF WEATHER CONDITIONS IFR	
	TYPE OF FLIGHT PLAN	NONE				
	REMARKS-	ACFT CRASHED IN GULF OF MEX 40 MI SOUTH INTRACSTL CITY, LA. ONE PAX FATAL, PLT & 2 PAX ASSUMED FATAL.				
3-2241	9/11/78	MORGAN CITY, LA	BOLKOW BO-105 N46977 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 4	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 37, 7156 TOTAL HOURS, 256 IN TYPE, INSTRUMENT RATED.
	TIME - 0724					
	DEPARTURE POINT	MORGAN CITY, LA	INTENDED DESTINATION			
	TYPE OF ACCIDENT	PROPELLER/ROTOR FAILURE	TAIL ROTOR		PHASE OF OPERATION IN FLIGHT CLIMB TO CRUISE	
	PROBABLE CAUSE(S)	MISCELLANEOUS - UNDETERMINED EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER				
3-2856	9/20/78	NR. MORGAN CITY, LA	BELL 206B N83133 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3 OT- 0 0 3	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 30, 1307 TOTAL HOURS, 180 IN TYPE, NOT INSTRUMENT RATED.
	TIME - 1315					
	NAME OF AIRPORT - PLATFORM	EI215C				
	DEPARTURE POINT	MORGAN CITY, LA	INTENDED DESTINATION			
	TYPE OF ACCIDENT	COLLISION WITH AIRCRAFT	BOTH ON GROUND		PHASE OF OPERATION STATIC IDLING ROTORS	
	PROBABLE CAUSE(S)	PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT				
	REMARKS-	PLT ATTEMPTED TO MOVE ACFT DUE TO COLLISION DANGER AS OTHER ACFT STARTED ENG				

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2856	9/20/78	NR.MORGAN CITY,LA	BELL 206B N59600 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2 OT- 0 0 4	COMMERCIAL AIR TAXI-PASSG	AIP, FLIGHT INSTR., AGE 36. 7712 TOTAL HOURS, 37 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - PLATFORM EI215C DEPARTURE POINT INTENDED DESTINATION MORGAN CITY,LA EUGENE ISLAND 322 TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH AIRCRAFT BOTH ON GROUND STATIC STARTING ENGINE(S)  PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC. PILOT IN COMMAND - IMPROPER STARTING PROCEDURES PILOT IN COMMAND - MISJUDGED CLEARANCE REMARKS- CONTRARY TO BRIEFING, STARTED ENGS PRIOR TO OTHER ACFT'S DEPARTURE.						
3-2932	10/21/78	NR.MORGAN CITY,LA	BELL 206B N90026 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 25, 941 TOTAL HOURS, 611 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - SHIP SHOAL B 214E DEPARTURE POINT INTENDED DESTINATION MORGAN CITY,LA LOCAL TYPE OF ACCIDENT PHASE OF OPERATION PROPELLER/ROTOR FAILURE TAIL ROTOR TAKEOFF VERTICAL ROLL OVER TAKEOFF ABORTED  PROBABLE CAUSE(S) MISCELLANEOUS - FOREIGN OBJECT DAMAGE FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER DIRECTIONAL CONTROL PROBLEM REMARKS- FIRE EXTINGUISHER COVER BLOWN INTO T/R.						
3-3120	10/24/78	DULAC, LA	CESSNA 180G N4722H DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL. INSTR., AGE 23, 1949 TOTAL HOURS, 443 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION HOUMA, LA DULAC, LA TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH OBJECT LANDING ROLL  PROBABLE CAUSE(S) PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN FACTOR(S) PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND REMARKS- COLLIDED WITH BARGE, FLOAT EQUIPPED.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3676	11/29/78	NR.MORGAN CITY,LA	BOLKOW B-105 N46977	CR- 0 1 0 PX- 1 1 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 41, 4987 TOTAL HOURS, 347 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT SOUTH MARSH 11	INTENDED DESTINATION EUGENE ISLAND 20G			
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER UNCONTROLLED		PHASE OF OPERATION IN FLIGHT NORMAL CRUISE		
PROBABLE CAUSE(S) PERSONNEL - MISCELLANEOUS-PERSONNEL PASSENGER MISCELLANEOUS ACTS.CONDITIONS - INTERFERENCE WITH FLIGHT CONTROLS						
FACTOR(S) MISCELLANEOUS ACTS.CONDITIONS - AIRCRAFT CAME TO REST IN WATER						
REMARKS- PASSENGER GOT FOOT CAUGHT IN CYCLIC CONTROL FLOOR CONNECTION.						
3-3852	12/2/78	NR.MORGAN CITY,LA	BELL 212 N16982	CR- 0 0 2 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 55, 13352 TOTAL HOURS, 1549 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - SHIP SHOAL BLK149	DAMAGE-SUBSTANTIAL			
		DEPARTURE POINT INTERCOASTAL CITY,LA	INTENDED DESTINATION MORGAN CITY,LA			
		TYPE OF ACCIDENT COLLIDED WITH AIRPORT HAZARD		PHASE OF OPERATION LANDING POWER-ON LANDING		
PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED CLEARANCE						
FACTOR(S) WEATHER - UNFAVORABLE WIND CONDITIONS						
		SKY CONDITION CLEAR			CEILING AT ACCIDENT SITE UNLIMITED	
		VISIBILITY AT ACCIDENT SITE 5 OR OVER(UNLIMITED)			PRECIPITATION AT ACCIDENT SITE NONE	
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE			RELATIVE BEARING OF WIND RIGHT CROSS WIND 068-112 DEGREES	
		TEMPERATURE-F 77			WIND DIRECTION-DEGREES 140	
		WIND VELOCITY-KNOTS 20			TYPE OF WEATHER CONDITIONS VFR	
		TYPE OF FLIGHT PLAN VFR				



## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4003	12/26/78 TIME - 0921	MORGAN CITY, LA	RFLL 206R N90115 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 30, 2784 TOTAL HOURS, 682 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - PHI HELIPORT DEPARTURE POINT INTENDED DESTINATION GULF OF MEXICO MORGAN CITY, LA TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING  PROBABLE CAUSE(S) POWERPLANT - FUEL SYSTEM FUEL CONTROL MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP.T. REMARKS- PLT STATED LOST ROTOR RPM AT BOTTOM OF AUTO RESULTING IN SLOPPY CONTROL REACTION.						
3-0041	1/22/78 TIME - 0001	LAUREL, MD	PIPER PA-32R N5420F DAMAGE-DESTROYED	CR- 0 1 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	ATP, FLIGHT INSTR., AGE 29, 1929 TOTAL HOURS, UNK/NR IN TYPE, INSTRU- MENT RATED.
NAME OF AIRPORT - SUBURBAN DEPARTURE POINT INTENDED DESTINATION LAUREL, MD ATLANTA, GA TYPE OF ACCIDENT COLLISION WITH GROUND/WATER UNCONTROLLED  PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL INADEQUATE SUPERVISION OF FLIGHT CREW MISCELLANEOUS ACTS, CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G. FACTOR(S) PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC. PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL FAILURE TO PROVIDE ADEQ. DIRECTIVES, MANUAL, EQUIPMENT REMARKS- APRX 664LBS OVR MAX GWT, HAZARDOUS MATL. NO FLT MANUAL AVBL. NON-COMPANY PLT ONBOARD.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2018	4/19/78 TIME - 2119	CALIFORNIA,MD	PIPER PA-28R N4448X DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 1 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 39, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - ST MARY'S COUNTY DEPARTURE POINT INTENDED DESTINATION BALTIMORE,MD CALIFORNIA,MD TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH TREES LANDING OTHER  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING PILOT IN COMMAND - IMPROPER IFR OPERATION FACTOR(S) WEATHER - LOW CEILING WEATHER - THUNDERSTORM ACTIVITY WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY RADIO WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT  SKY CONDITION CEILING AT ACCIDENT SITE PARTIAL OBSCURATION 300 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 3/4 MILE OR LESS RAIN SHOWERS, THUNDERSTORM OBSTRUCTIONS TO VISION AT ACCIDENT SITE TYPE OF WEATHER CONDITIONS GROUND FOG BELOW MINIMUMS TYPE OF FLIGHT PLAN IFR REMARKS- DESCENDED BLO MDA.						
3-3416	9/4/78 TIME - 1910	DAMASCUS,MD	HUGHES 269R N9568F DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 45, 5125 TOTAL HOURS, 50 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION LAST ENROUTE STOP GAITHERSBURG,MD WASHINGTON,DC THURMONT,MD TYPE OF ACCIDENT PHASE OF OPERATION PROPELLER/ROTOR FAILURE TAIL ROTOR IN FLIGHT NORMAL CRUISE  PROBABLE CAUSE(S) ROTORCRAFT - ROTOR ASSEMBLIES UNIVERSAL JOINTS,COUPLINGS MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT REMARKS- THE TAIL ROTOR FORK BOLT FAILED						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0368	2/9/78 TIME - 0855	WESTWOOD,MA	ENSTRON F-28A N2400 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 32, 3940 TOTAL HOURS, 800 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT FOXBORO,MA	INTENDED DESTINATION HANSFIELD,MA	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE		
		TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE MAIN ROTOR				
PROBABLE CAUSE(S) ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM MAIN ROTOR PULLEYS,BELTS MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE REMARKS- MAIN ROTOR DRIVE BELT FAILED.NO FURTHER DAMAGE DURING AUTOROTATION.						
3-2360	5/11/78 TIME - 1607	LAWRENCE,MA	PIPER PA-32R N8769C DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0 NT- 2 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 22, 1400 TOTAL HOURS, 100 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - LAWRENCE DEPARTURE POINT BEDFORD,MA	INTENDED DESTINATION LAWRENCE,MA	PHASE OF OPERATION IN FLIGHT DESCENDING		
		TYPE OF ACCIDENT COLLISION WITH AIRCRAFT BOTH IN FLIGHT				
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 - YES RADAR CTL/SURVEILLANCE - NOT UNDER RADAR CONTACT CONTROLLED/UNCONTROLLED AIRPORT - UNCONTROLLED AIRPORT						
3-2695	7/31/78 TIME - 1240	BOSTON,MA	AERO COMDR 500B N6324U DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 32, 3762 TOTAL HOURS, 27 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - LOGAN DEPARTURE POINT NANTUCKET,MA	INTENDED DESTINATION BOSTON,MA	PHASE OF OPERATION LANDING ROLL		
		TYPE OF ACCIDENT GEAR RETRACTED				
PROBABLE CAUSE(S) PILOT IN COMMAND - INADVERTENTLY RETRACTED GEAR						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3906	9/18/78 TIME - 1042	GRANVILLE,MA	PIPER PA-31 N63731 DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	COMMERCIAL AIR TAXI-CARGO	ATP, FLIGHT INSTR., AGE 34, 6500 TOTAL HOURS, UNK/NR IN TYPE, INSTRU- MENT RATED.
		DEPARTURE POINT PONTIAC,MI	INTENDED DESTINATION RETURN	LAST ENROUTE STOP WESTFIELD,MA		
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	CONTROLLED	PHASE OF OPERATION IN FLIGHT OTHER		
PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS						
FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - UNWARRANTED LOW FLYING						
WEATHER - LOW CEILING						
WEATHER - RAIN						
WEATHER - FOG						
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED						
WEATHER FORECAST - UNKNOWN/NOT REPORTED						
		SKY CONDITION OVERCAST	CEILING AT ACCIDENT SITE 1700			
		VISIBILITY AT ACCIDENT SITE 5 OR OVER(UNLIMITED)	PRECIPITATION AT ACCIDENT SITE RAIN			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE	TEMPERATURE-F 52			
		WIND VELOCITY-KNOTS CALM	TYPE OF WEATHER CONDITIONS IFR			
		TYPE OF FLIGHT PLAN NONE				
		FIRE AFTER IMPACT				
REMARKS- ACFT COLLIDED WITH HILL. ACFT WRECKAGE FOR 500 FT.WX AT SCENE RPTD FOG & RAIN.						
3-4197	2/10/78 TIME - 0716	FLINT,MI	BEECH D18S N3537B DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 34, 1850 TOTAL HOURS, 400 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - BISHOP				
		DEPARTURE POINT ST LOUIS,MO	INTENDED DESTINATION FLINT,MI			
		TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE		PHASE OF OPERATION LANDING ROLL		
		NOSE OVER/DOWN		LANDING ROLL		
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL						
REMARKS- RUNWAY DRY 150 FT WIDE.CARGO HANDLER IN ACFT.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4433	3/14/78 TIME - 0413	WHITELAKE,MI	BEECH D18 N427Q DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL.INSTR., AGE 54, 5443 TOTAL HOURS, 421 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - OAKLAND-PONTIAC DEPARTURE POINT INTENDED DESTINATION FLINT,MI WHITELAKE,MI TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER UNCONTROLLED LANING FINAL APPROACH  PROBABLE CAUSE(S) WEATHER - WIND SHEAR FACTOR(S) WEATHER - TURBULENCE, ASSOCIATED W/CLOUDS AND/OR THUNDERSTORMS  SKY CONDITION CEILING AT ACCIDENT SITE OVERCAST 400 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 2 MILES OR LESS RAIN OBSTRUCTIONS TO VISION AT ACCIDENT SITE TEMPERATURE-F FOG 37 WIND DIRECTION-DEGREES WIND VELOCITY-KNOTS 130 30 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN IFR IFR FIRE AFTER IMPACT REMARKS- LOCAL RESIDENTS REPORTED TORNADO LIKE WINDS IN AREA.						
3-1058	3/20/78 TIME - 2100	PONTIAC,MI	PIPER PA-32R N38642 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 22, 1474 TOTAL HOURS, 690 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION ROCHESTER,NY ROCHESTER,NY TYPE OF ACCIDENT LAST ENROUTE STOP LIGHTNING STRIKE PHASE OF OPERATION IN FLIGHT NORMAL CRUISE  PROBABLE CAUSE(S) WEATHER - LIGHTNING STRIKE FACTOR(S) PERSONNEL - PRODUCTION-DESIGN-PERSONNEL POOR/INADEQUATE DESIGN AIRFRAME - WINGS WINGTIPS WEATHER BRIEFING - PARTIAL BRIEFING BY FLIGHT SERVICE PERSONNEL, BY PHONE/RADIO, LIMITED BY PILOT ACTION WEATHER FORECAST - WEATHER CONSIDERABLY WORSE THAN FORECAST EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT SUSPECTED OR KNOWN AIRCRAFT DAMAGE  SKY CONDITION CEILING AT ACCIDENT SITE OVERCAST 5000 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 5 OR OVER(UNLIMITED) NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE TYPE OF WEATHER CONDITIONS NONE VFR TYPE OF FLIGHT PLAN IFR REMARKS- WING TIP STRUCTURE MISSING FROM EACH WING,FIBERGLASS CONSTRUCTION.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4368	6/6/78 TIME - 1235	EAST TAWAS, MI	CESSNA 206G N8194G DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 27, 1330 TOTAL HOURS, 7 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - INSCO DEPARTURE POINT INTENDED DESTINATION EAST TAWAS, MI KOKOMO, IN TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION TAKOFF INITIAL CLIMB COLLISION WITH GROUND/WATER CONTROLLED LANDING LEVEL OFF/TOUCHDOWN  PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS FACTOR(S) PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND FIRE AFTER IMPACT REMARKS- OPEN AREA NORTH OF RWY THAT RAN LENGTH OF RWY.						
3-4020	11/3/78 TIME - 0427	NR. FLINT, MI	BEECHCRAFT D-18S N80369 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	AIRLINE TRANSPORT, AGE 35, 2391 TOTAL HOURS, 247 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - BISHOP FLINT DEPARTURE POINT INTENDED DESTINATION SAINT LOUIS, MO FLINT, MI 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 PILOT IN COMMAND - TAXIED/PARKED WITHOUT PROPER ASSISTANCE FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - WINDSHIELD, DIRTY, FOGGY, ETC.-RESTRICTED VISION REMARKS- PIPER PA-28-140, N54393, DESTROYED BY FIRE.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1683	5/19/78 TIME - 2250	ALEXANDRIA, MN	CESSNA 402B N87143 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 1 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL. INSTR., AGE 35, 1460 TOTAL HOURS, 30 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - ALEXANDRIA MUNI DEPARTURE POINT ST. LOUIS, MO INTENDED DESTINATION GRAND FORKS, ND TYPE OF ACCIDENT COLLIDED WITH TREES PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IFR OPERATION FACTOR(S) WEATHER - FOG WEATHER - LOW CEILING WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT  SKY CONDITION ORSCURATION VISIBILITY AT ACCIDENT SITE 3 MILES OR LESS OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG WIND DIRECTION-DEGREES 280 TYPE OF WEATHER CONDITIONS IFR  PHASE OF OPERATION LANDING MISSED APPROACH  CEILING AT ACCIDENT SITE 700 PRECIPITATION AT ACCIDENT SITE NONE TEMPERATURE-F 55 WIND VELOCITY-KNOTS 18 TYPE OF FLIGHT PLAN IFR						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0454	3/7/78 TIME - 2045	LAUREL, MS	CESSNA 310I N8114M DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 69, 30087 TOTAL HOURS, 1000 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - HESLER NOBLE DEPARTURE POINT INTENDED DESTINATION JACKSON, MS LAUREL, MS TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER CONTROLLED LANDING FINAL APPROACH  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IFR OPERATION PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL FACTOR(S) WEATHER - LOW CEILING WEATHER - RAIN WEATHER - FOG WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND  SKY CONDITION CEILING AT ACCIDENT SITE PARTIAL OBSCURATION 400 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 1 MILE OR LESS RAIN OBSTRUCTIONS TO VISION AT ACCIDENT SITE TYPE OF WEATHER CONDITIONS FOG IFR TYPE OF FLIGHT PLAN IFR REMARKS- PLT FAILED INSTRUMENT CHECK 4 DAYS BEFORE ACCIDENT.						
3-0938	5/3/78 TIME - 0440	SIKESTON, MO	CESSNA R172 N1147V DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 34, 483 TOTAL HOURS, 20 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - SIKESTON MEMORIAL DEPARTURE POINT INTENDED DESTINATION CAPE GIRARDEAU, MO SIKESTON, MO TYPE OF ACCIDENT PHASE OF OPERATION UNDERSHOOT LANDING FINAL APPROACH NOSE OVER/DOWN LANDING GO-AROUND  PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND FACTOR(S) TERRAIN - HIGH VEGETATION REMARKS- RWY 02 VASI OPERATIONAL.						



## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0505	4/11/78 TIME - 1530	HELENA, MT	CESSNA 206 N206AM DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL. INSTR., AGE 28, 2390 TOTAL HOURS, .394 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - HELENA DEPARTURE POINT HELENA, MT TYPE OF ACCIDENT NOSE OVER/DOWN INTENDED DESTINATION DILLON, MT PHASE OF OPERATION TAXI TO TAKEOFF PROBABLE CAUSE(S) PILOT IN COMMAND - EXERCISED POOR JUDGMENT WEATHER - UNFAVORABLE WIND CONDITIONS WEATHER BRIEFING - BRIEFED BY WEATHER BUREAU PERSONNEL, IN PERSON WEATHER FORECAST - UNKNOWN/NOT REPORTED SKY CONDITION SCATTERED VISIBILITY AT ACCIDENT SITE 5 OR OVER (UNLIMITED) OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE WIND DIRECTION-DEGREES 260 TYPE OF WEATHER CONDITIONS VFR REMARKS- GUSTING TO 40K. CEILING AT ACCIDENT SITE 6000 PRECIPITATION AT ACCIDENT SITE NONE RELATIVE BEARING OF WIND LEFT CROSS WIND 248-292 DEGREES WIND VELOCITY-KNOTS 30 TYPE OF FLIGHT PLAN VFR						
3-1489	6/9/78 TIME - 0800	NR. BILLINGS, MT	CESSNA U206 N2174F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 53, 9800 TOTAL HOURS, 45 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT HAMILTON, MT TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE COLLIDED WITH OBJECT INTENDED DESTINATION LEACHMAN RANCH PHASE OF OPERATION LANDING ROLL LANDING ROLL PROBABLE CAUSE(S) PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN TERRAIN - OTHER FACTOR(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING REMARKS- MISTOOK LOG AREA & LND PARALLEL TO 20 DEG DOWNSLOPE. ROLLED INTO 3 FT CONCRETE WALL OF FEED LOT.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3102	11/12/78 TIME - 1155	WOLF POINT, MT	CESSNA 310J N3057L DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	ATP, FLIGHT INSTR., AGE 35, 11060 TOTAL HOURS, 980 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - WOLF POINT INTL DEPARTURE POINT INTENDED DESTINATION WOLF POINT, MT BISMARCK, ND TYPE OF ACCIDENT PHASE OF OPERATION GROUND-WATER LOOP-SWERVE LANDING LEVEL OFF/TOUCHDOWN GEAR COLLAPSED LANDING ROLL  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS FACTOR(S) WEATHER - ICING CONDITIONS-INCLUDES SLEET, FREEZING RAIN, ETC. MISCELLANEOUS ACTS, CONDITIONS - ICE-WINDSHIELD AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SNOW ON RUNWAY MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT  SKY CONDITION CEILING AT ACCIDENT SITE OVERCAST 4000 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 3 MILES OR LESS SNOW OBSTRUCTIONS TO VISION AT ACCIDENT SITE RELATIVE BEARING OF WIND NONE TAIL WIND 158-202 DEGREES TEMPERATURE-F WIND DIRECTION-DEGREES 20 80 WIND VELOCITY-KNOTS TYPE OF WEATHER CONDITIONS 7 VFR TYPE OF FLIGHT PLAN IFR REMARKS- LANDED IN A CRAB.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0653	2/18/78 TIME - 0455	GENOA PEAK,NV	BEECH 58 N4307W DAMAGE-DESTROYED	CR- 1 0 0 PX- 3 0 0	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 35, 2906 TOTAL HOURS, R5 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT LOS ANGELES,CA	INTENDED DESTINATION LAKE TAHOE,CA			
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER CONTROLLED		PHASE OF OPERATION IN FLIGHT DESCENDING		
PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS						
FACTOR(S) WEATHER - LOW CEILING WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT						
		SKY CONDITION BROKEN	CEILING AT ACCIDENT SITE 3000			
		VISIBILITY AT ACCIDENT SITE 5 OR OVER(UNLIMITED)	PRECIPITATION AT ACCIDENT SITE NONE			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE	TEMPERATURE-F 31			
		WIND DIRECTION-DEGREES 170	WIND VELOCITY-KNOTS 3			
		TYPE OF WEATHER CONDITIONS VFR	TYPE OF FLIGHT PLAN NONE			
REMARKS- TOPS OF MOUNTAINS OBSCURED,RADAR PLOT SHOWED ACFT CIRCLING IN AREA OVER 12MIN,RECOVERED 2/19/78.						
3-2215	2/21/78 TIME - 1450	GENOA PEAK,NV	BELL 47G3B1 N1360X DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 47, 16600 TOTAL HOURS, 12000 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT MINDEN,NV	INTENDED DESTINATION GENOA PEAK,NV			
		TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE TAIL ROTOR ROLL OVER		PHASE OF OPERATION LANDING POWER-ON LANDING LANDING POWER-UN LANDING		
PROBABLE CAUSE(S) ROTORCRAFT - ROTOR ASSEMBLIES MAIN ROTOR BLADES MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE						
REMARKS- MRB P/N 47-110-250-23,S/N TRX 1510,AIRFOIL COMPONENTS HAD SEPARATED FM THEIR BUNDING ATTACHMENTS.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1768	6/23/78 TIME - 1615	LAS VEGAS,NV	PIPER PA-31 N88LV DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 4	COMMERCIAL AIR TAXI-PASSG	ATP, FLIGHT INSTR., AGE 46, 5999 TOTAL HOURS, 165 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - NORTH LAS VEGAS DEPARTURE POINT INTENDED DESTINATION GRAND CANYON,AZ LAS VEGAS,NV TYPE OF ACCIDENT PHASE OF OPERATION WHEELS-UP LANDING LEVEL OFF/TOUCHDOWN  PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO ASSURE THE GEAR WAS DOWN AND LOCKED FACTOR(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL) AIRFRAME - LANDING GEAR EMERGENCY/EXTENSION ASSEMBLY SYSTEMS - HYDRAULIC SYSTEM SEALS MISCELLANEOUS ACTS, CONDITIONS - WRONG PART MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE MISCELLANEOUS ACTS, CONDITIONS - HYDRAULIC FAILURE REMARKS- INCORRECT SIZE SEAL REPLACED IN HYD FILTER ASSY.						
3-4401	8/30/78 TIME - 0747	LAS VEGAS,NV	PIPER PA-31 N44LV DAMAGE-DESTROYED	CR- 1 0 0 PX- 9 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 48, 6325 TOTAL HOURS, 121 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - NORTH LAS VEGAS DEPARTURE POINT INTENDED DESTINATION LAS VEGAS,NV SANTA ANA,CA TYPE OF ACCIDENT PHASE OF OPERATION STALL TAKEOFF INITIAL CLIMB  PROBABLE CAUSE(S) SYSTEMS - FLIGHT CONTROL SYSTEMS ELEVATOR AND ELEVATOR TAB CONTROL SYSTEM MISCELLANEOUS ACTS, CONDITIONS - LOOSE PART/FITTING REMARKS- DOWN ELEVATOR CONTROL STOP BACKED OUT, LIMITING DOWN ELEV TRAVEL TO 1-1/2 DEG OF NORM 20 DEG RANGE.						
3-0753	3/4/78 TIME - 0146	NR.GALLUP,NM	CESSNA 320 N4108T DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 24, 1600 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION GALLUP,NM ALBUQUERQUE,NM TYPE OF ACCIDENT COLLISION WITH GROUND/WATER UNCONTROLLED  LAST ENROUTE STOP WINDOW ROCK,AZ PHASE OF OPERATION IN FLIGHT UNCONTROLLED DESCENT  PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED MISSING AIRCRAFT - LATER RECOVERED FIRE AFTER IMPACT						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1549	4/28/78	NR.CORONA,NM	CESSNA 210K N8241M DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 25, 467 TOTAL HOURS, 69 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT ROSWELL,NM	INTENDED DESTINATION ALBUQUERQUE,NM	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE		
		TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE PROPELLER				
PROBABLE CAUSE(S) POWERPLANT - PROPELLER AND ACCESSORIES BLADES MISCELLANEOUS ACTS,CONDITIONS - PREVIOUS DAMAGE MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE						
FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT						
REMARKS- PROPELLER BLADE SEPARATED INFLIGHT.BLADES HAD PREVIOUS DAMAGE AND HAD BEEN STRAIGHTENED.						
3-3938	8/25/78	NR.RATON,NM	MITSUBISHI MU-2J N178MA DAMAGE-SUBSTANTIAL	CR- 1 0 0 PX- 5 0 0	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 37, 3702 TOTAL HOURS, 679 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - CREWS FIELD	DEPARTURE POINT KANSAS CITY,MO	INTENDED DESTINATION RATON,NM	PHASE OF OPERATION IN FLIGHT DESCENDING	
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER CONTROLLED				
PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE						
FACTOR(S) PILOT IN COMMAND - PHYSICAL IMPAIRMENT MISCELLANEOUS ACTS,CONDITIONS - ALCOHOLIC IMPAIRMENT OF EFFICIENCY AND JUDGMENT						
MISSING AIRCRAFT - LATER RECOVERED						
FIRE AFTER IMPACT						
REMARKS- RECOVERY DATE 08/27/78.ALCOHOL 64 MG % FROM LUNG TISSUE,54 MG % FROM GASTRIC CONTENTS.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F E S M/N	FLIGHT PURPOSE	PILOT DATA
3-3691	10/24/78	NR. TORREON, NM	BEECH 65-80 N886G DAMAGE-DESTROYED	CR- 1 0 0 PX- 3 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 53, 3665 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT BERLIN, KS	INTENDED DESTINATION PHOENIX, AZ			
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	UNCONTROLLED	PHASE OF OPERATION IN FLIGHT UNCONTROLLED DESCENT		
PROBABLE CAUSE(S) PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - SPATIAL DISORIENTATION						
FACTOR(S) WEATHER - LOW CEILING WEATHER - RAIN WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT						
		SKY CONDITION OVERCAST	CEILING AT ACCIDENT SITE UNKNOWN/NOT REPORTED			
		VISIBILITY AT ACCIDENT SITE UNKNOWN/NOT REPORTED	PRECIPITATION AT ACCIDENT SITE RAIN			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE UNKNOWN/NOT REPORTED	TYPE OF WEATHER CONDITIONS IFR			
		TYPE OF FLIGHT PLAN NONE				
REMARKS- AIRCRAFT INVERTED AT IMPACT. NO INST TIME LOGGED SINCE 11/6/76. MTNS & PASSES OBSCURED.						
3-3377	11/30/78	ALBUQUERQUE, NM	PIPER PA-34 N3039M DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE UNK/NR, 12801 TOTAL HOURS, 40 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - ALBUQUERQUE INTL				
		DEPARTURE POINT MIDVALLEY AIRPARK, NM	INTENDED DESTINATION ALBUQUERQUE, NM			
		TYPE OF ACCIDENT WHEELS-UP	PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN			
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO EXTEND LANDING GEAR						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0304	1/26/78	BUFFALO, NY	CESSNA 206D N3930G DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 51, 21000 TOTAL HOURS, 4000 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - BUFFALO DEPARTURE POINT BUFFALO, NY INTENDED DESTINATION RED HOOK, NY TYPE OF ACCIDENT NOSE OVER/DOWN PHASE OF OPERATION TAXI TO TAKEOFF PROBABLE CAUSE(S) PILOT IN COMMAND - EXERCISED POOR JUDGMENT WEATHER - UNFAVORABLE WIND CONDITIONS WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, IN PERSON WEATHER FORECAST - UNKNOWN/NOT REPORTED SKY CONDITION OVERCAST CEILING AT ACCIDENT SITE 2000 VISIBILITY AT ACCIDENT SITE 5 OR OVER (UNLIMITED) PRECIPITATION AT ACCIDENT SITE NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE TEMPERATURE-F 34 WIND DIRECTION-DEGREES 190 WIND VELOCITY-KNOTS 36 TYPE OF WEATHER CONDITIONS VFR TYPE OF FLIGHT PLAN IFR REMARKS- WIND GUSTING 48K.						
3-0433	4/11/78	FISHERS ISLAND, NY	PIPER PA-28 N6910J DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 40, 750 TOTAL HOURS, 135 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - ELIZABETH FIELD DEPARTURE POINT WATERFORD, CT INTENDED DESTINATION RETURN TYPE OF ACCIDENT COLLIDED WITH OBJECT LAST ENROUTE STOP FISHERS ISLAND, NY PHASE OF OPERATION LANDING ROLL PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED CLEARANCE PERSONNEL - AIRPORT SUPERVISORY PERSONNEL IMPROPER MAINTENANCE-AIRPORT FACILITIES FACTOR(S) PERSONNEL - AIRPORT SUPERVISORY PERSONNEL FAILURE TO NOTIFY OF UNSAFE COND/AND OR FAILURE TO MARK OBSTRUCTION AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS UNMARKED OBSTRUCTIONS REMARKS- WIND GUSTING 25K. LOGS & DEBRIS 36 FT L OF RWY CENTER LINE.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0953	4/20/78 TIME - 2020	DRYDEN,NY	PIPER PA-23 N6858Y DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 46, 4292 TOTAL HOURS, 741 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT SYRACUSE,NY	INTENDED DESTINATION CORTLAND,NY			LAST ENROUTE STOP ITHACA,NY	
	TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	CONTROLLED			PHASE OF OPERATION IN FLIGHT NORMAL CRUISE	
	PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - MISJUDGED ALTITUDE					
	FACTOR(S) WEATHER - LOW CEILING WEATHER - RAIN WEATHER - FOG WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED WEATHER FORECAST - UNKNOWN/NOT REPORTED					
	SKY CONDITION UNKNOWN/NOT REPORTED		CEILING AT ACCIDENT SITE 300			
	VISIBILITY AT ACCIDENT SITE 4 MILES OR LESS		PRECIPITATION AT ACCIDENT SITE RAIN			
	OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG		TEMPERATURE-F 36			
	WIND DIRECTION-DEGREES 290		WIND VELOCITY-KNOTS 10			
	TYPE OF WEATHER CONDITIONS IFR		TYPE OF FLIGHT PLAN NONE			
3-2351	5/8/78 TIME - 1300	FLUSHING,NY	PIPER PA-30 N7432Y DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 43, 3297 TOTAL HOURS, 282 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - LAGUARDIA					
	DEPARTURE POINT BALTIMORE,MD	INTENDED DESTINATION FLUSHING,NY				
	TYPE OF ACCIDENT GEAR RETRACTED				PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN	
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO ASSURE THE GEAR WAS DOWN AND LOCKED					
	FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - CIRCUIT BREAKER POPPED					



## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3499	8/7/78 TIME - 0033	EAST HAMPTON, NY	PIPER PA-31 N9093Y DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 41, 2507 TOTAL HOURS, 150 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - EAST HAMPTON DEPARTURE POINT INTENDED DESTINATION ELMIRA, NY EAST HAMPTON, NY TYPE OF ACCIDENT PHASE OF OPERATION STALL LANDING MISSED APPROACH  PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED FACTOR(S) WEATHER - FOG WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT  SKY CONDITION CEILING AT ACCIDENT SITE OBSCURATION 100 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 3/4 MILE OR LESS NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE WIND DIRECTION-DEGREES GROUND FOG 220 WIND VELOCITY-KNOTS TYPE OF WEATHER CONDITIONS R IFR TYPE OF FLIGHT PLAN IFR REMARKS- PLT TRANSITIONED FM VISUAL REFERENCE TO INSTRUMENT REFERENCE. ENCLRD GND FOG AFTER MDA.						
3-4331	9/1/78 TIME - 2046	LATHAM, NY	BEECH E18S N58H DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	AIRLINE TRANSPORT, AGE 51, 4618 TOTAL HOURS, 214 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - ALBANY COUNTY DEPARTURE POINT INTENDED DESTINATION ALBANY, NY WINDSOR LOCKS, CT TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION TAKEOFF INITIAL CLIMB COLLISION WITH GROUND/WATER CONTROLLED LANDING OTHER  PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC. FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - IMPROPER EMERGENCY PROCEDURES COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND FIRE AFTER IMPACT REMARKS- FAILED ENGINE NOT FEATHERED.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4161	12/2/78 TIME - 1603	WATERTOWN, NY	DEHAVILLAND DHC-6 N59AN DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 1 NT- 0 0 1	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 35, 8673 TOTAL HOURS, 4812 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - WATERTOWN INTL DEPARTURE POINT INTENDED DESTINATION WATERTOWN, NY UNKNOWN/NOT REPORTED TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH AIRCRAFT BOTH ON GROUND STATIC IDLING ENGINE(S) PROBABLE CAUSE(S) PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT						
3-0443	3/2/78 TIME - 2020	ROCKINGHAM, NC	BEECH B18G N180P DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	ATP, FLIGHT INSTR., AGE 30, 6500 TOTAL HOURS, 2825 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - ROCKINGHAM-HAMLET DEPARTURE POINT INTENDED DESTINATION ROCKINGHAM, NC PONTIAC, MI TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH WIRES/POLES TAKEOFF INITIAL CLIMB PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - FAILED TO ABORT TAKEOFF FACTOR(S) PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN MISCELLANEOUS ACTS, CONDITIONS - DISREGARD OF GOOD OPERATING PRACTICE AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SNOW ON RUNWAY FIRE AFTER IMPACT REMARKS- LAUNCHED FM SNOW CVRD Rwy WITH 1/2 IN SNOW ON WINGS.						
3-3248	6/29/78 TIME - 0930	DURHAM, NC	CESSNA 310Q N7537Q DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	ATP, FLIGHT INSTR., AGE 23, 7218 TOTAL HOURS, 620 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - RALEIGH DURHAM DEPARTURE POINT INTENDED DESTINATION OXFORD, NC ATLANTA, GA TYPE OF ACCIDENT PHASE OF OPERATION FIRE OR EXPLOSION IN FLIGHT IN FLIGHT NORMAL CRUISE PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL) SYSTEMS - ELECTRICAL SYSTEM RELAYS AND WIRING MISCELLANEOUS ACTS, CONDITIONS - IMPROPERLY SECURED						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2713	8/30/78 TIME - 2325	CRFEDMONR,NC	CESSNA 172C N8471X DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 23, 682 TOTAL HOURS, 260 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT MT HOLLY,NJ	INTENDED DESTINATION RALEIGH,NC	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING LEVEL OFF/TOUCHDOWN		
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH TREES				
PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS,CONDITIONS - MISCALCULATED FUEL CONSUMPTION MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION						
FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT (ON LAND)						
REMARKS- RECOGNIZED LOW FUEL STATE 28NM FM DEST,5 NM FM OXFORD ARPT,CONTINUED. EXHAUSTED FUEL.						
3-3907	9/18/78 TIME - 0138	MORRISVILLE,NC	TED SMITH 600 N7547S DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 1 0	COMMERCIAL AIR TAXI-CARGO	ATP,FLIGHT INSTR., AGE 26, 4358 TOTAL HOURS, 907 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - RALEIGH-DURHAM	INTENDED DESTINATION CHARLOTTE,NC	PHASE OF OPERATION TAKEOFF RUN TAKEOFF ABORTED		
		DEPARTURE POINT MORRISVILLE,NC				
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH TREES				
PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION POWERPLANT - IGNITION SYSTEM MAGNETOS MISCELLANEOUS ACTS,CONDITIONS - LOOSE,PART/FITTING POWERPLANT - IGNITION SYSTEM SPARK PLUG PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF						
FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - IMPROPER EMERGENCY PROCEDURES MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP.						
REMARKS- PWR LOSS,R YAW 80MPH,CONT TKOF,R ENG SW ON R MAG,R MAG COIL WEDGES LOOSE,SIX R ENG PLUGS UNSAT.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0168	1/16/78 TIME - 1610	CINCINNATI, OH	LEAR JET 240 N98DK DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 54, 15000 TOTAL HOURS, 2400 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - LUNKEN DEPARTURE POINT CHICAGO, IL INTENDED DESTINATION CINCINNATI, OH TYPE OF ACCIDENT UNDERSHOOT HARD LANDING PHASE OF OPERATION LANDING FINAL APPROACH LANDING LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE FACTOR(S) PILOT IN COMMAND - OPERATED CARELESSLY COPILOT - FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC. WEATHER - SNOW MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT SKY CONDITION OVERCAST CEILING AT ACCIDENT SITE 1200 VISIBILITY AT ACCIDENT SITE 3/4 MILE OR LESS PRECIPITATION AT ACCIDENT SITE SNOW OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE RELATIVE BEARING OF WIND LIGHT AND VARIABLE TYPE OF WEATHER CONDITIONS IFR TYPE OF FLIGHT PLAN IFR REMARKS- 1ST OFF DUTIES INCLUDE CALLING OUT ANY DEVIATIONS IN ALT, A/S, OR RATE OF DESCENT AFT RWY IN SIGHT.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0276	2/8/78 TIME - 2130	BLUFFTON, OH	PIPER PA-31 N7451L DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 49, 4908 TOTAL HOURS, ALL IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - BLUFFTON DEPARTURE POINT SPARTA, TN TYPE OF ACCIDENT UNDERSHOOT COLLIDED WITH WIRES/POLES	INTENDED DESTINATION BLUFFTON, OH		PHASE OF OPERATION LANDING FINAL APPROACH LANDING FINAL APPROACH	
PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE TERRAIN - HIGH OBSTRUCTIONS						
FACTOR(S) WEATHER - FOG WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - UNKNOWN/NOT REPORTED						
		SKY CONDITION PARTIAL OBSCURATION VISIBILITY AT ACCIDENT SITE UNKNOWN/NOT REPORTED OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG WIND VELOCITY-KNOTS 4 TYPE OF FLIGHT PLAN NONE	CEILING AT ACCIDENT SITE UNLIMITED PRECIPITATION AT ACCIDENT SITE NONE WIND DIRECTION-DEGREES 280 TYPE OF WEATHER CONDITIONS VFR			
REMARKS- APT UNATTENDED, LOCALIZED FOG NOT REPORTED.						
3-4290	6/20/78 TIME - 1723	MENTOR, OH	HILLER UH12L4 NR6688 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 38, 4239 TOTAL HOURS, 68 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT MENTOR, OH TYPE OF ACCIDENT MISCELLANEOUS HARD LANDING	INTENDED DESTINATION RICHMOND HEIGHTS, OH		PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING POWER-OFF AUTOROTATIVE LANDING	
PROBABLE CAUSE(S) POWERPLANT - POWERPLANT-INSTRUMENTS POWER INDICATORS EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND SUSPECTED MECHANICAL DISCREPANCY						
REMARKS- ROTOR RPM GAGE FAILED AT 300FT AGL.						

# BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4434	10/11/78 TIME - 2045	CLEVELAND, OH	BEECH G18 N117 DAMAGE-DESTRUCTIVE	CR- 0 1 0 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	AIRLINE TRANSPORT, AGE 42, 2673 TOTAL HOURS, 267 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - CLEVELAND HOPKINS DEPARTURE POINT INTENDED DESTINATION ROWLING GREEN, KY CLEVELAND, OH TYPE OF ACCIDENT HARD LANDING WHEELS-UP PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN LANDING GO-AROUND PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER LEVEL OFF PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING MISCELLANEOUS ACTS, CONDITIONS - CARGO SHIFTED MISCELLANEOUS ACTS, CONDITIONS - IMPROPERLY SECURED FIRE AFTER IMPACT REMARKS- NO CARGO NET OR ROPE FOUND IN AIRCRAFT. 1ST FLT IN THIS MODEL.						
3-4445	10/31/78 TIME - 0530	NR. CINCINNATI, OH	BEECH 58 N788CF DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 36, 3560 TOTAL HOURS, 204 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - LUNKEN DEPARTURE POINT INTENDED DESTINATION NASHVILLE, TN CINCINNATI, OH TYPE OF ACCIDENT HARD LANDING GEAR COLLAPSED PHASE OF OPERATION LANDING GO-AROUND LANDING ROLL PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IFR OPERATION PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE WEATHER - LOW CEILING WEATHER - FOG WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE SKY CONDITION OBSCURATION VISIBILITY AT ACCIDENT SITE 1/2 MILE OR LESS OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG WIND VELOCITY-KNOTS CALM TYPE OF FLIGHT PLAN IFR CEILING AT ACCIDENT SITE UNKNOWN/NOT REPORTED PRECIPITATION AT ACCIDENT SITE NONE TEMPERATURE-F 38 TYPE OF WEATHER CONDITIONS IFR						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3722	11/21/78 TIME - 1012	NORTH CANTON, OH	PIPER PA-32 N9967N DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL. INSTR., AGE 21, 1513 TOTAL HOURS, 20 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT NORTH CANTON, OH	INTENDED DESTINATION NORTH CANTON, OH	LAST ENROUTE STOP NEW PHILADELPHIA, OH		
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH TREES		PHASE OF OPERATION IN FLIGHT DESCENDING LANDING LEVEL OFF/TOUCHDOWN		
PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS MISCELLANEOUS ACTS, CONDITIONS - ANTI-ICING/DEICING EQUIPMENT-IMPROPER OPERATION OF/OR FAILED TO USE MISCELLANEOUS ACTS, CONDITIONS - ICE INDUCTION						
FACTOR(S) WEATHER - CONDITIONS CONDUCTIVE TO CARR./INDUCTION SYSTEM ICING COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
		SKY CONDITION OVERCAST	CEILING AT ACCIDENT SITE 800			
		VISIBILITY AT ACCIDENT SITE 1 MILE OR LESS	PRECIPITATION AT ACCIDENT SITE SNOW SHOWERS, FREEZING DRIZZLE			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE HAZF	TEMPERATURE-F 33			
		TYPE OF WEATHER CONDITIONS IFR	TYPE OF FLIGHT PLAN IFR			
3-3480	11/21/78 TIME - 1030	DAYTON, OH	BEECH C45H N98637 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 23, 1425 TOTAL HOURS, 95 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - DAYTON INTL				
		DEPARTURE POINT CINCINNATI, OH	INTENDED DESTINATION DAYTON, OH	PHASE OF OPERATION LANDING FINAL APPROACH		
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLISION WITH GROUND/WATER CONTROLLED		LANDING LEVEL OFF/TOUCHDOWN		
PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS, CONDITIONS - FUEL EXHAUSTION TERRAIN - OTHER COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-2 ENGINES EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- FORCED LANDING IN HAY FIELD.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0033	1/24/78 TIME - 2005	DUBOIS, PA	AFRSTAR 601P N18F DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 26, 1230 TOTAL HOURS, 560 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - DUBOIS JEFFERSON DEPARTURE POINT INTENDED DESTINATION DUBOIS, PA LANCASTER, PA TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION TAKEOFF INITIAL CLIMB COLLISION WITH GROUND/WATER UNCONTROLLED TAKEOFF INITIAL CLIMB  PROBABLE CAUSE(S) MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS MISCELLANEOUS ACTS, CONDITIONS - ICE-IN FUEL MISCELLANEOUS ACTS, CONDITIONS - FUEL STARVATION MISCELLANEOUS ACTS, CONDITIONS - IMPROPER EMERGENCY PROCEDURES PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND FIRE AFTER IMPACT REMARKS- ICE WAS FOUND IN FUEL FLOW DIVIDER AND LINES.						
3-0379	2/17/78 TIME - 0940	QUAKERTOWN, PA	BEECH D95A N779QA DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 4	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL. INSTR., AGE 44, 13066 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - QUAKERTOWN DEPARTURE POINT INTENDED DESTINATION QUAKERTOWN, PA WHITE PLAINS, NY TYPE OF ACCIDENT PHASE OF OPERATION GROUND-WATER LOOP-SWERVE TAKEOFF RUN COLLIDED WITH SNOWBANK TAKEOFF RUN  PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SNOW WINDROWS						
3-1430	5/23/78 TIME - 1905	FLEETVILLE, PA	PIPER PA-31 N9057Y DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	AIRLINE TRANSPORT, AGE 60, 23000 TOTAL HOURS, UNK/NR IN TYPE, INSTRU- MENT RATED.
NAME OF AIRPORT - ENDLESS MOUNTAIN DEPARTURE POINT INTENDED DESTINATION TETERBORO, NJ ROCHESTER, NY TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH TREES IN FLIGHT OTHER  PROBABLE CAUSE(S) PILOT IN COMMAND - PHYSICAL IMPAIRMENT MISCELLANEOUS ACTS, CONDITIONS - ALCOHOLIC IMPAIRMENT OF EFFICIENCY AND JUDGMENT REMARKS- PILOT BLOOD ALCOHOL LEVEL 130MG%.						



BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0570	3/14/78 TIME - 1222	WEST COLUMBIA, SC	BEECH F18S N383B DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	AIRLINE TRANSPORT, AGE 35. 6556 TOTAL HOURS, 1950 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - COLUMBIA METRO DEPARTURE POINT INTENDED DESTINATION CHARLOTTE, NC WEST COLUMBIA, SC TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE COLLIDED WITH AIRPORT HAZARD  PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN LANDING ROLL  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS FACTOR(S) WEATHER - UNFAVORABLE WIND CONDITIONS AIRPORTS/AIRWAYS/FACILITIES - AIRPORT FACILITIES RUNWAY LIGHTING  SKY CONDITION SCATTERED VISIBILITY AT ACCIDENT SITE 5 OR OVER(UNLIMITED) OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE TEMPERATURE-F 65 WIND VELOCITY-KNOTS 15 TYPE OF FLIGHT PLAN IFR REMARKS- EARTH EROSION AROUND RWY LIGHTS SUPPORTED BY CEMENT SLABS 3-4IN AGL. WIND GUSTS TO 28KTS.						
3-4121	12/5/78 TIME - 0600	UNION, SC	CESSNA 182 N7535N DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 1 0	COMMERCIAL AIR TAXI-CARGO	CUMMERICAL, AGE 50, 3907 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - UNION COUNTY DEPARTURE POINT INTENDED DESTINATION UNION, SC NEW ORLEANS, LA TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLISION WITH GROUND/WATER CONTROLLED  PHASE OF OPERATION TAKEOFF INITIAL CLIMB TAKEOFF INITIAL CLIMB  PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING MISCELLANEOUS ACTS, CONDITIONS - WATER IN FUEL FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP. REMARKS- SIX OUNCES WATER FOUND IN CARBURETOR BOWL.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA			
3-1084	5/16/78	NR.MEMPHIS,TN TIME - 1445	BELL 47J-2A N1155W DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 31, 2210 TOTAL HOURS, 1800 IN TYPE, NOT INSTRUMENT RATED.			
		DEPARTURE POINT MEMPHIS,TN	INTENDED DESTINATION LOCAL	LAST ENROUTE STOP MARK TREE,AR					
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING POWER-OFF AUTOMATATIVE LANDING						
PROBABLE CAUSE(S)									
PILOT IN COMMAND - MISMANAGEMENT OF FUEL									
MISCELLANEOUS ACTS,CONDITIONS - MISCALCULATED FUEL CONSUMPTION									
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION									
FACTOR(S)									
POWERPLANT - POWERPLANT-INSTRUMENTS FUEL QUANTITY GAUGE									
MISCELLANEOUS ACTS,CONDITIONS - EKRATIC									
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE									
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND									
3-1313	6/8/78	NASHVILLE,TN TIME - 0528	DOUGLAS DC-3 N51D DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	ATP,FLIGHT INSTR., AGE 32, 4974 TOTAL HOURS, 1900 IN TYPE, INSTRUMENT RATED.			
		NAME OF AIRPORT - NASHVILLE METRO							
		DEPARTURE POINT MEMPHIS,TN	INTENDED DESTINATION NASHVILLE,TN	PHASE OF OPERATION LANDING ROLL LANDING ROLL					
		TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE COLLIDED WITH DITCHES							
PROBABLE CAUSE(S)									
COPILOT - FAILED TO MAINTAIN DIRECTIONAL CONTROL									
PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT									
REMARKS- PIC ASSUMED CONTROL AFTER RMY DEPARTURE.									
3-2029	8/9/78	WESTMORELAND,TN TIME - 1515	CESSNA 182 N735RT DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL.INSTR., AGE 35, 1704 TOTAL HOURS, 3 IN TYPE, INSTRUMENT RATED.			
		DEPARTURE POINT NASHVILLE,TN	INTENDED DESTINATION GONDALL,KY	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING LEVEL OFF/TOUCHDOWN					
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING							
PROBABLE CAUSE(S)									
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS									
PILOT IN COMMAND - IMPROPER LEVEL OFF									
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE									
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND									
REMARKS- LNDG IN SOYBEAN FLD.									

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0495	4/4/78 TIME - 2320	NR.GALVESTON,TX	BFLL 212 N140AL DAMAGE-DESTROYED	CR- 0 0 2 PX- 3 0 1	COMMERCIAL AIR TAXI-PASSG	ATP, FLIGHT INSTR., AGE 49, 15374 TOTAL HOURS. 1215 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - GLOMAR JAVA SHIP DEPARTURE POINT INTENDED DESTINATION SABINE PASS,TX GALVESTON,TX TYPE OF ACCIDENT PHASE OF OPERATION UNDERSHOOT LANDING FINAL APPROACH COLLISION WITH GROUND/WATER CONTROLLED LANDING LEVEL OFF/TOUCHDOWN  PROBABLE CAUSE(S) COPILOT - MISJUDGED DISTANCE AND ALTITUDE PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT FACTOR(S) COPILOT - SPATIAL DISORIENTATION TERRAIN - GLASSY WATER MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER REMARKS- CO-PILOT STATED ACFT APPEARED HIGHER THAN 200FT INDICATED ON ALT WHILE VSI READ APPROX 1000FT/MIN.						
3-1273	5/26/78 TIME - 1615	BROWNSVILLE,TX	CESSNA 310R N5130J DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 4 OT- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL INSTR., AGE 57, 8544 TOTAL HOURS. 208 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - BROWNSVILLE INTL DEPARTURE POINT INTENDED DESTINATION BROWNSVILLE,TX LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH AIRCRAFT BOTH ON GROUND TAXI TO TAKEOFF  PROBABLE CAUSE(S) PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT						
3-3203	9/19/78 TIME - 1130	SABINE PASS,TX	AEROSPATLE AS350C N9001H DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1 OT- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL INSTR., AGE 32, 7807 TOTAL HOURS. 40 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION SABINE PASS,TX 180FT MOTOR VESSEL TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH FENCE,FENCEPOSTS IN FLIGHT HOVERING  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE FACTOR(S) TERRAIN - ROUGH WATER REMARKS- HELIPAD LOCATED ON STERN OF BOAT WHICH WAS MOVING UP & DOWN APRX 6 TO 8FT.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3287	11/12/78 TIME - 2300	WICHITA FALLS, TX	CESSNA 421R N1588G DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	AIRLINE TRANSPORT, AGF 58, 15000 TOTAL HOURS, 310 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT HOUSTON, TX	INTENDED DESTINATION PUERLO, CO	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE		
		TYPE OF ACCIDENT FIRE OR EXPLOSION IN FLIGHT				
PROBABLE CAUSE(S) POWERPLANT - EXHAUST SYSTEM STACKS MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE						
FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - FIRE IN ENGINE						
3-3684	11/12/78 TIME - 0753	SABINE PASS, TX	BELL 206R N49755 DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 33, 1810 TOTAL HOURS, 155 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - TRANSCO DEPARTURE POINT SABINE PASS, TX	INTENDED DESTINATION GULF OF MEX, WC 576	PHASE OF OPERATION IN FLIGHT UNCONTROLLED DESCENT		
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER UNCONTROLLED				
PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - SPATIAL DISORIENTATION						
FACTOR(S) WEATHER - FOG MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER WEATHER BRIEFING - UNKNOWN/NOT REPORTED						
		SKY CONDITION OVERCAST	CEILING AT ACCIDENT SITE 1500			
		VISIBILITY AT ACCIDENT SITE 1/4 MILE OR LESS	PRECIPITATION AT ACCIDENT SITE NONE			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG	TEMPERATURE-F 68			
		WIND DIRECTION-DEGREES 110	WIND VELOCITY-KNOTS 3			
		TYPE OF WEATHER CONDITIONS IFR	TYPE OF FLIGHT PLAN NONE			

# BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/M	FLIGHT PURPOSE	PILOT DATA
3-398A	11/13/78	LUBBOCK, TX	CESSNA 310J N310RJ DAMAGE-DESTROYED	CH- 1 0 0 PX- 1 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL. INSTR., AGE 22, 1420 TOTAL HOURS, 110 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - LUBBOCK INTL DEPARTURE POINT INTENDED DESTINATION DALLAS, TX LUBBOCK, TX TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER CONTROLLED LANDING FINAL APPROACH  PRIORABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IFR OPERATION FACTOR(S) WEATHER - LOW CEILING WEATHER - FOG WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - WEATHER SLIGHTLY WORSE THAN FORECAST  SKY CONDITION CEILING AT ACCIDENT SITE OBSCURATION 300 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 1/4 MILE OR LESS NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE TEMPERATURE-F FOG 59 WIND DIRECTION-DEGREES WIND VELOCITY-KNOTS 210 11 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN IFR IFR REMARKS- TOWER ADVISED PLT ACFT WAS 1/2 MILE E OF COURSE DURING ILS APP.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3937	11/20/78 TIME - 2000	BROWNSVILLE, TX	BEECH H18 N204CC DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL. INSTR., AGE 27, 3550 TOTAL HOURS, 258 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - BROWNSVILLE INTL DEPARTURE POINT INTENDED DESTINATION BROWNSVILLE, TX SPRINGFIELD, MO TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER UNCONTROLLED IN FLIGHT UNCONTROLLED DESCENT  PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED FACTOR(S) WEATHER - LOW CEILING WEATHER - FOG WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT  SKY CONDITION CEILING AT ACCIDENT SITE OVERCAST 300 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 1 MILE OR LESS NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE TEMPERATURE-F FOG 61 WIND DIRECTION-DEGREES WIND VELOCITY-KNOTS 330 7 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN IFR IFR FIRE AFTER IMPACT REMARKS- WRECKAGE LOCATION 3MI FROM DEPARTURE ARPT.						
3-3683	11/30/78 TIME - 1955	EAGLE PASS, TX	AEROSTAR 601P N90674 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 33, 2200 TOTAL HOURS, 157 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - EAGLE PASS MUNI DEPARTURE POINT INTENDED DESTINATION WACO, TX EAGLE PASS, TX TYPE OF ACCIDENT PHASE OF OPERATION GROUND-WATER LOOP-SWERVE LANDING ROLL GEAR COLLAPSED LANDING ROLL  PROBABLE CAUSE(S) AIRFRAME - LANDING GEAR BRAKING SYSTEM (NORMAL SYSTEM) MISCELLANEOUS ACTS, CONDITIONS - DISCONNECTED MISCELLANEOUS ACTS, CONDITIONS - INTENTIONAL GROUND-WATER-LOOP-SWERVE FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - RAN OFF END OF RUNWAY AIRPORTS/AIRWAYS/FACILITIES - AIRPORT FACILITIES RUNWAY LIGHTING REMARKS- BRAKE PISTON ROD UNSCREWED FROM BRAKE PEDAL, CENTER 2500FT OF RWY HAD LIGHTS.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3859	12/1/78 TIME - 1818	NR.PORT OCONNOR, TX	BELL 206B N59456 DAMAGE-DESTROYED INTENDED DESTINATION PORT OCONNOR, TX	CR- 1 0 0 PX- 0 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 36, 2739 TOTAL HOURS, 183 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT ROCKPORT, TX TYPE OF ACCIDENT COLLISION WITH GROUND/WATER CONTROLLED PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS FACTOR(S) WEATHER - LOW CEILING WEATHER - FOG TERRAIN - ROUGH/UNEVEN MISCELLANEOUS ACTS/CONDITIONS - UNWARRANTED LOW FLYING WEATHER BRIEFING - OTHER WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT SKY CONDITION BROKEN VISIBILITY AT ACCIDENT SITE UNKNOWN/NOT REPORTED OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG WIND VELOCITY-KNOTS 7 TYPE OF FLIGHT PLAN NONE REMARKS- LOW FLT DURING RESTRICTED VIS.WX BRIEF BY OTHER PLT.IMPACTED SAND DUNE.						
3-1550	5/9/78 TIME - 1100	NR.WESTWATER, UT	BELL 206B3 N16873 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 35, 6006 TOTAL HOURS, 2060 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT WELL SITE SEGUNDO 2 INTENDED DESTINATION WELL SITE PARA PARK TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3694	8/14/78	NR.SALINA,UT TIME - 1300	CFSSNA 206 N80097 DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 38, 3444 INITIAL HOURS, 1500 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT BLANDING,UT	INTENDED DESTINATION SALT LAKE CITY,UT			
		TYPE OF ACCIDENT FIRE OR EXPLOSION IN FLIGHT	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE			
		COLLISION WITH GROUND/WATER UNCONTROLLED	IN FLIGHT EMERGENCY DESCENT			
PROBABLE CAUSE(S)						
MISCELLANEOUS - UNDETERMINED						
FACTOR(S)						
MISCELLANEOUS - SMOKE IN COCKPIT						
MISCELLANEOUS ACTS.CONDITIONS - FIRE OF UNDETERMINED ORIGIN						
MISCELLANEOUS ACTS.CONDITIONS - FIRE IN CABIN,COCKPIT,BAGGAGE COMPARTMENT						
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
SMOKE IN COCKPIT						
FIRE AFTER IMPACT						
3-4206	12/14/78	NR.ODDEN,UT TIME - 0705	AEROSPATIAL SA316B N8622 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 2 3	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 31, 4607 INITIAL HOURS, 708 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT AMOCO OIL PLATFORM	INTENDED DESTINATION AMOCO SHORE BASE			
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	CONTROLLED			
		PHASE OF OPERATION IN FLIGHT	NORMAL CRUISE			
PROBABLE CAUSE(S)						
PILOT IN COMMAND - MISJUDGED ALTITUDE						
MISCELLANEOUS ACTS.CONDITIONS - INSTRUMENTS-MISREAD OR FAILED TO READ						
FACTOR(S)						
MISCELLANEOUS ACTS.CONDITIONS - ALTIMETER SETTING-INCORRECT						
TERRAIN - GLASSY WATER						
REMARKS- AIRCRAFT EQUIPPED WITH FLOATS						



BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0446	3/4/78 TIME - 1133	NORFOLK,VA	BEECH R65 N342N DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 6	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 37, 4441 TOTAL HOURS, 15 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - NORFOLK INTL DEPARTURE POINT INTENDED DESTINATION NORFOLK,VA MYRTLE BEACH,SC TYPE OF ACCIDENT PHASE OF OPERATION WHEELS-UP LANDING LEVEL OFF/TOUCHDOWN  PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC. PILOT IN COMMAND - FAILED TO ASSURE THE GEAR WAS DOWN AND LOCKED MISCELLANEOUS ACTS,CONDITIONS - IMPROPER EMERGENCY PROCEDURES FACTOR(S) SYSTEMS - ELECTRICAL SYSTEM RELAYS AND WIRING MISCELLANEOUS ACTS,CONDITIONS - ARCING MISCELLANEOUS ACTS,CONDITIONS - OVERHEATED MISCELLANEOUS ACTS,CONDITIONS - ELECTRICAL FAILURE EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT SUSPECTED MECHANICAL DISCREPANCY REMARKS- RT ENG STARTER RELAY CONTACT POINTS FUSED TOGETHER.						
3-2619	8/21/78 TIME - 1442	ROANOKE,VA	CESSNA 172 N79031 DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 0 OT- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 34, 5247 TOTAL HOURS, 1178 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - WOODRUM DEPARTURE POINT INTENDED DESTINATION ROANOKE,VA WHITE SULPHUR SPR,VA TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH AIRCRAFT BOTH ON GROUND TAXI TO TAKEOFF  PROBABLE CAUSE(S) PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC. REMARKS- PLT PERFORMING FINAL CHECK RFR DEPT WHILE TAXIING.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3077	9/16/78	WILLIAMSBURG, VA	CESSNA 182RG N3353C DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 23, 360 TOTAL HOURS, 36 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - WILLIAMSBURG-JTNN DEPARTURE POINT INTENDED DESTINATION MANASSAS, VA WILLIAMSBURG, VA TYPE OF ACCIDENT PHASE OF OPERATION OVERSHOOT LANDING LEVEL OFF/TOUCHDOWN GEAR COLLAPSED LANDING ROLL PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED FACTOR(S) WEATHER - FOG MISCELLANEOUS ACTS, CONDITIONS - RAN OFF END OF RUNWAY MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE WEATHER BRIEFING - COMPANY DISPATCH SKY CONDITION CEILING AT ACCIDENT SITE BROKEN 1200 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 5 OR OVER (UNLIMITED) DRIZZLE, RAIN SHOWERS OBSTRUCTIONS TO VISION AT ACCIDENT SITE WIND DIRECTION-DEGREES FOG 50 WIND VELOCITY-KNOTS TYPE OF WEATHER CONDITIONS 12 VFR TYPE OF FLIGHT PLAN NONE REMARKS- PILOT ELECTED TO ALTER NORMAL LNDG PATRN TO COMPNSATE FOR FOG PATCHES NEAR A/P.						
3-4072	10/12/78	WHITE GATE, VA	PIPER PA-32R N9797C DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL. INSTR., AGE 25, 2468 TOTAL HOURS, 200 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION WINDSON, MI FAYETTEVILLE, NC TYPE OF ACCIDENT LAST ENROUTE STOP ENGINE FAILURE OR MALFUNCTION PHASE OF OPERATION COLLIDED WITH TREES IN FLIGHT NORMAL CRUISE LANDING ROLL PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS TERRAIN - HIGH OBSTRUCTIONS FACTOR(S) POWERPLANT - IGNITION SYSTEM MAGNETOS MISCELLANEOUS ACTS, CONDITIONS - LOOSE PART/FITTING PERSONNEL - MAINTENANCE, SERVICING, INSPECTION INADEQUATE INSPECTION OF AIRCRAFT (MAINTENANCE PERSONNEL) MISCELLANEOUS ACTS, CONDITIONS - INTENTIONAL WHEELS-UP COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE MISSING AIRCRAFT - LATER RECOVERED EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- FND 10/13. PLT RPTD FUEL & OIL PR AFTER PWR LOSS. LNDG ON HILL, CONT INTO TREES. LOOSE HELICAL SPGS.						

# BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3631	11/18/78 TIME -- 1740	SOUTH BOSTON,VA	PIPER PA-32 N3940W DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 38, 6000 TOTAL HOURS, 5000 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - WILLIAM M TUCK						
DEPARTURE POINT INTENDED DESTINATION						
WINSTON-SALEM,NC RICHMOND,VA						
TYPE OF ACCIDENT PHASE OF OPERATION						
ENGINE FAILURE OR MALFUNCTION IN FLIGHT NORMAL CRUISE						
COLLIDED WITH TREES LANDING ROLL						
PROBABLE CAUSE(S)						
PILOT IN COMMAND - MISMANAGEMENT OF FUEL						
MISCELLANEOUS ACTS,CONDITIONS - INATTENTIVE TO FUEL SUPPLY						
MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION						
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
REMARKS- PLT STATED PREOCCUPIED WITH SELECTING SAFE LNDG AREA RATHER THAN RESTARTING ENG.						
3-0260	2/8/78 TIME - 0930	QUILLAYUTE,WA	HILLER ACFT UH-12D N87977 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 30, 6700 TOTAL HOURS, 75 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - QUILLAYUTE						
DEPARTURE POINT INTENDED DESTINATION						
QUILLAYUTE,WA LOCAL						
TYPE OF ACCIDENT PHASE OF OPERATION						
COLLIDED WITH OBJECT IN FLIGHT HOVERING						
PROBABLE CAUSE(S)						
PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL						
FACTOR(S)						
MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS						
TERRAIN - HIGH OBSTRUCTIONS						
REMARKS- FUEL ON SHOE SOLE,FOOT SLIPPED OFF RUDDER PEDAL. HIT FUEL TANK.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2080	7/11/78	OLGA, WA	Cessna 207 N91041 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL. INSTR., AGE 23, 1094 TOTAL HOURS, 93 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT ANACORTES, WA	INTENDED DESTINATION EAST SOUND, WA			
		TYPE OF ACCIDENT COLLIDED WITH TREES	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE			
PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS						
FACTOR(S) WEATHER - LOW CEILING WEATHER - FOG TERRAIN - HIGH OBSTRUCTIONS WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED WEATHER FORECAST - UNKNOWN/NOT REPORTED						
		SKY CONDITION BROKEN	CEILING AT ACCIDENT SITE 800			
		VISIBILITY AT ACCIDENT SITE 5 OR OVER (UNLIMITED)	PRECIPITATION AT ACCIDENT SITE NONE			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG	TEMPERATURE-F 60-			
		TYPE OF WEATHER CONDITIONS IFR	TYPE OF FLIGHT PLAN NONE			
3-2434	7/14/78	NR. CLEARLAKE, WA	HILLER FH100 N99024 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 1 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 53, 11500 TOTAL HOURS, UNK/NR IN TYPE, NO INSTRUMENT RATED.
		DEPARTURE POINT CLEARLAKE, WA	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH TREES	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING FINAL APPROACH			
PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS, CONDITIONS - FUEL EXHAUSTION						
FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - INATTENTIVE TO FUEL SUPPLY TERRAIN - HIGH OBSTRUCTIONS COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2641	8/7/78 TIME - 1630	NR.SNOQUALMIE FLS.WA	BELL 47G3B1 N1182W DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 32, 1388 TOTAL HOURS, 47 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT CEDAR VALLEY,WA	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	CONTROLLED	PHASE OF OPERATION LANDING GO-AROUND		
PROBABLE CAUSE(S) PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.						
FACTOR(S) TERRAIN - ROUGH/UNEVEN						
MISSING AIRCRAFT - LATER RECOVERED						
FIRE AFTER IMPACT						
REMARKS- EXTREME UPSLOPE.RECOVERY DATE 8-9-78						
3-3185	11/16/78 TIME - 1945	BELLINGHAM,WA	PIPER PA-28 N47226 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 21, 952 TOTAL HOURS, 150 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - BELLINGHAM INTL				
		DEPARTURE POINT ROSEBURG,OR	INTENDED DESTINATION BELLINGHAM,WA			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION		PHASE OF OPERATION LANDING INITIAL APPROACH		
		COLLIDED WITH TREES		LANDING LEVEL OFF/TOUCHDOWN		
PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS MISCELLANEOUS ACTS,CONDITIONS - ANTI-ICING/DEICING EQUIPMENT-IMPROPER OPERATION OF/UR FAILED TO USE MISCELLANEOUS ACTS,CONDITIONS - ICE-CARBURETOR						
FACTOR(S) WEATHER - LOW CEILING WEATHER - RAIN WEATHER - FOG WEATHER - CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING						
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE						
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE						
WEATHER FORECAST - WEATHER CONSIDERABLY WORSE THAN FORECAST						
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
		SKY CONDITION OVERCAST		CEILING AT ACCIDENT SITE 200		
		VISIBILITY AT ACCIDENT SITE 1/2 MILE OR LESS		PRECIPITATION AT ACCIDENT SITE RAIN		
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG		TEMPERATURE-F 47		
		WIND DIRECTION-DEGREES 260		WIND VELOCITY-KNOTS 5		
		TYPE OF WEATHER CONDITIONS IFR		TYPE OF FLIGHT PLAN IFR		
REMARKS- CARB HEAT NOT USED.						

# BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N			FLIGHT PURPOSE	PILOT DATA
3-3888	7/12/78	RHINELANDER, WI	BELLANCA 17-30A N93627 DAMAGE-DESTRUCTED	CR-	0	1	0	COMMERCIAL AGE 22, 764 TOTAL HOURS, 39 IN TYPE, INSTRUMENT RATED.
	TIME - 2240			PX-	1	1	0	AIR TAXI-PASSG
		NAME OF AIRPORT - RHINELANDER-ONEIDA						
		DEPARTURE POINT	INTENDED DESTINATION					LAST ENROUTE STOP
		JANESVILLE, WI	RHINELANDER, WI					GREEN HAY, WI
		TYPE OF ACCIDENT						PHASE OF OPERATION
		COLLIDED WITH TREES						LANDING FINAL APPROACH
		PROBABLE CAUSE(S)						
		PILOT IN COMMAND - IMPROPER IFR OPERATION						
		FACTOR(S)						
		PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS						
		WEATHER - LOW CEILING						
		WEATHER - TURBULENCE, ASSOCIATED W/CLOUDS AND/OR THUNDERSTORMS						
		WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, IN PERSON						
		WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT						
		SKY CONDITION						CEILING AT ACCIDENT SITE
		BROKEN						500
		VISIBILITY AT ACCIDENT SITE						PRECIPITATION AT ACCIDENT SITE
		2 MILES OR LESS						DRIZZLE
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE						TYPE OF WEATHER CONDITIONS
		NONE						IFR
		TYPE OF FLIGHT PLAN						
		IFR						
3-2689	5/15/78	NR. KEMMERER, WY	BELL 206B N4066G DAMAGE-SUBSTANTIAL	CR-	0	1	0	COMMERCIAL AGE 30, 2190 TOTAL HOURS, 370 IN TYPE, INSTRUMENT RATED.
	TIME - 0800			PX-	0	0	0	AIR TAXI-PASSG
		DEPARTURE POINT	INTENDED DESTINATION					
		KEMMERER, WY	KEMMERER, WY					
		TYPE OF ACCIDENT						PHASE OF OPERATION
		ENGINE FAILURE OR MALFUNCTION						IN FLIGHT NORMAL CRUISE
		ROLL OVER						IN FLIGHT AUTOROTATIVE DESCENT
		PROBABLE CAUSE(S)						
		PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING						
		PILOT IN COMMAND - MISMANAGEMENT OF FUEL						
		MISCELLANEOUS ACTS, CONDITIONS - MISCALCULATED FUEL CONSUMPTION						
		MISCELLANEOUS ACTS, CONDITIONS - FUEL EXHAUSTION						
		COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE						
		EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4419	7/30/78	RIVERTON, WY	CESSNA 340 N1381G DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 2 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 36, 2997 TOTAL HOURS, 345 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - RIVERTON MUNI DEPARTURE POINT INTENDED DESTINATION RIVERTON, WY EVANSTON, WY TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION TAKEOFF INITIAL CLIMB COLLISION WITH GROUND/WATER CONTROLLED LANDING FINAL APPROACH  PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION FACTOR(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL) POWERPLANT - FUEL SYSTEM FUEL INJECTION SYSTEM MISCELLANEOUS ACTS, CONDITIONS - EXCESSIVE PRESSURE MISCELLANEOUS ACTS, CONDITIONS - INTENTIONAL WHEELS-UP WEATHER - HIGH DENSITY ALTITUDE PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 2 ENGINES EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND  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 TYPE OF WEATHER CONDITIONS NONE VFR TYPE OF FLIGHT PLAN VFR FIRE AFTER IMPACT REMARKS- REVERSED COURSE IMMEDIATELY AFTER TKOF.						
3-4330	8/25/78	NR. LAROUCHE BAY, AK	GRUMMAN G-21A N1045 DAMAGE-DESTROYED	CR- 1 0 0 PX- 11 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 40, 5727 TOTAL HOURS, 684 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION LAROUCHE BAY, AK KETCHIKAN, AK TYPE OF ACCIDENT PHASE OF OPERATION UNDETERMINED UNKNOWN/NOT REPORTED  PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED REMARKS- ACFT DMG & INJURY INDEX PRESUMED. FOUR BODIES RECOVERED.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4009	9/17/78	MISSING AIRCRAFT	CESSNA 411 N1EC DAMAGE-DESTROYED	CR- 1 0 0 PX- 2 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 26, 2200 TOTAL HOURS, 90 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT KING SALMON, AK	INTENDED DESTINATION KODIAK, AK			
		TYPE OF ACCIDENT MISSING AIRCRAFT, NOT RECOVERED	PHASE OF OPERATION UNKNOWN/NOT REPORTED			
PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED						
REMARKS- INJURY INDEX AND DAMAGE PRESUMED.						
3-4127	9/21/78	MISSING AIRCRAFT	DOUGLAS DC-3 N407D DAMAGE-DESTROYED	CR- 4 0 0 PX- 0 0 0	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 54, 15227 TOTAL HOURS, 3000 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT FT LAUDERDALE, FL	INTENDED DESTINATION HAVANA, CUBA			
		TYPE OF ACCIDENT MISSING AIRCRAFT, NOT RECOVERED	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE			
PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED						
REMARKS- AIRCRAFT DAMAGE AND INJURY INDEX PRESUMED.						
3-4309	11/21/78	MISSING AIRCRAFT	PIPER PA-32 N4284R DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL.INSTR., AGE 47, 24673 TOTAL HOURS, 338 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT OLD HARBOR, AK	INTENDED DESTINATION KODIAK, AK			
		TYPE OF ACCIDENT MISSING AIRCRAFT, NOT RECOVERED	PHASE OF OPERATION UNKNOWN/NOT REPORTED			
PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED						
REMARKS- ACFT DMG & INJURY INDEX PRESUMED.						



## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2965	9/26/78 TIME - 1845	SAN JUAN, PR	BEECH D18S N500L DAMAGE-DESTROYED	CR- 1 0 0 PX- 5 0 0 OT- 3 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL. INSTR., AGE 50, 4365 TOTAL HOURS, 46 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - SAN JUAN INTL DEPARTURE POINT INTENDED DESTINATION BORINQUEEN, PR SAN JUAN, PR TYPE OF ACCIDENT PHASE OF OPERATION TURBULENCE LANDING FINAL APPROACH COLLISION WITH GROUND/WATER UNCONTROLLED IN FLIGHT UNCONTROLLED DESCENT PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC. MISCELLANEOUS - VORTEX TURBULENCE FACTOR(S) INSTRUMENTS/EQUIPMENT AND ACCESSORIES - COMMUNICATIONS AND NAVIGATION EQUIPMENT TRANSMITTERS AND/OR RECEIVERS FIRE AFTER IMPACT REMARKS- UNABLE TO COMMUNICATE ON TERMINAL RADAR SERVICE AREA FREQUENCY.						



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