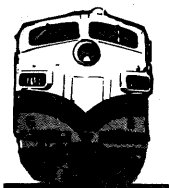


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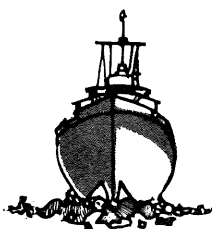


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**BRIEFS OF ACCIDENTS  
INVOLVING COMMUTER AIR  
CARRIERS AND ON-DEMAND  
AIR TAXI OPERATIONS**

**U.S. GENERAL AVIATION**

**1977**

AMM-78-22

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**UNITED STATES GOVERNMENT**

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# TECHNICAL REPORT DOCUMENTATION PAGE

1. Report No. NTSB-AMM-78-22	2. Government Accession No.	3. Recipient's Catalog No.	
4. Title and Subtitle Briefs of Accidents Involving Commuter Air Carrier and On-Demand Air Taxi Operations U.S. General Aviation, 1977		5. Report Date December 19, 1978	
		6. Performing Organization Code	
7. Author(s)		8. Performing Organization Report No.	
9. Performing Organization Name and Address Bureau of Technology National Transportation Safety Board Washington, D.C. 20594		10. Work Unit No. 2534	
		11. Contract or Grant No.	
12. Sponsoring Agency Name and Address  NATIONAL TRANSPORTATION SAFETY BOARD Washington, D. C. 20594		13. Type of Report and Period Covered Accident Reports in Brief Format - U.S. General Aviation Air Taxi Operations, 1977	
		14. Sponsoring Agency Code	
15. Supplementary Notes			
16. Abstract  This publication contains reports of commuter air carrier and on-demand air taxi accidents that occurred in 1977. Included are 37 commuter air carrier and 180 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.			
17. Key Words Aviation accident, <u>air taxi operation</u> , <u>commuter air carrier</u> , on-demand air taxi, U.S. General Aviation, probable cause, type of accident, phase of operation, kind of flying, aircraft damage, aircraft weight, injuries, pilot data.		18. Distribution Statement This document is available to the public through the National Technical Information Service, Springfield, Virginia 22151	
19. Security Classification (of this report) UNCLASSIFIED	20. Security Classification (of this page) UNCLASSIFIED	21. No. of Pages 149	22. Price



## 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	37	8	1,143,651 <u>1/</u>	3.24	0.70
On-Demand	180	36	3,063,749 <u>2/</u>	5.88	1.18
All Air Taxi	217	44	4,207,400 <u>3/</u>	5.16	1.05

- 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.
- 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: This figure has historically been provided by the Federal Aviation Administration as compiled from the aircraft owners completion of AC Form 8050-73. In 1977 the FAA instituted a new statistical sampling procedure to gather exposure data. At the time of this publication the exposure data from this new sampling procedure had not yet been released by the FAA. The FAA has, however, provided forecast hours flown for calendar year 1977 which have been used to compute the accident rate information contained in this publication. Since no forecast hours flown by state have been released, the accident rates by state of occurrence that appeared in the 1976 edition have been omitted from this publication. This rate data may be subject to revision at such time the FAA releases final exposure figures for 1977 general aviation operations.

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

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

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

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

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

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## 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

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-INTERNATL
OT-	OTHER AIRCRAFT AND GROUND
PARAJUMP	PARACHUTE JUMP
PRIVATE, FL. INST R.	PRIVATE FLIGHT INSTRUCTOR
PX-	PASSENGERS
RADAR CTL/SURVEILLANCE	RADAR CONTROL/SURVEILLANCE
SCHED CARGO SRV	SCHEDULED CARGO SERVICE
SCHED DOM PASSG SRV	SCHEDULED DOMESTIC CARGO SERVICE
SCHED DOM CARGO 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  
1968-1977

Year	Air Taxi Hours Flown 1/	Total Accidents	Total Accident Rate 2/	Fatal Accidents	Fatal Accident Rate 2/	Fatalities
1968	1,999,000	180	9.00	46	2.30	111
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

1/ Source: Federal Aviation Administration

2/ Accident Rates per 100,000 hours flown.

ACCIDENTS, INJURIES  
AIR TAXI - ALL OPERATIONS  
U.S. GENERAL AVIATION  
1977

	INJURIES					TOTAL
	FATAL	SERIOUS	MINOR	NONE	UNKNOWN	
PILOT	39	16	30	132		217
COPILOT	9	2	3	17		31
DUAL STUDENT						
CHECK PILOT						
FLIGHT ENGINEER						
NAVIGATOR						
CABIN ATTENDANT	1	1	1	2		5
EXTRA CREW	1			4		5
PASSENGERS	102	34	48	301		485
 TOTAL	 152	 53	 82	 456	 ABOARD	 743
 * OTHER AIRCRAFT				4		4
OTHER GROUND	3	3	3	2		11
 GRAND TOTAL	 155	 56	 85	 462		 758

INVOLVES 217 TOTAL ACCIDENTS  
INVOLVES 44 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

TYPE OF OPERATION	INJURY INDEX				RECORDS	ACCIDENTS	PERCENT
	FATAL	SERIOUS	MINOR	NONE			
SCHEDULED DOMESTIC PASSG.SVC	5	3	2	11	21	21	9.68
SCHEDULED INTL PASSG SERVICE	1			1	2	2	.92
SCHEDULED DOMESTIC CARGO SVC	2	3	3	6	14	14	6.45
SCHEDULED INTL CARGO SERVICE							
CHARTER-PASSENGER-DOMESTIC	22	11	16	59	108	108	49.77
CHARTER-CARGO-DOMESTIC	12	6	10	32	60	60	27.65
MIL CONTRACT-PASSG-DOMESTIC							
MIL CONTRACT-CARGO-DOMESTIC							
TEST							
TRAINING							
FERRY-DOMESTIC	1	1	2	7	11	11	5.07
COMPANY FLIGHT							
CHARTER-PASSG-INTL							
CHARTER-CARGO-INTL							
MIL CONTRACT-PASSG-INTL							
MIL CONTRACT-CARGO-INTL							
FERRY-INTERNATIONAL	1				1	1	.46
OTHER							
RECORDS	44	24	33	116	217		
ACCIDENTS	44	24	33	116		217	
PERCENTS	20.3	11.1	15.2	53.5			

Injuries By Type of Operation  
Air Taxi Accidents - All Operations  
U.S. General Aviation  
1977

<u>Type of Operation</u>	<u>Fatal</u>	<u>Serious</u>	<u>Minor</u>	<u>None</u>	<u>Total</u>
Sched Domestic Pass Serv	22	7	4	132	165
Sched Inter Pass Serv	5	2	3	10	20
Sched Domestic Cargo Serv	4	4	4	9	21
Nonsched Dom Pass Serv	106	34	56	254	450
Nonsched Dom Cargo Serv	15	8	16	49	88
International Ferry	1	0	0	0	1
Ferry	2	1	2	8	13
Total	155	56	85	462	758

## ANALYTIC TABLE

## TYPE OF OPERATION BY AIRCRAFT WEIGHT

TYPE OF OPERATION	AIRCRAFT WEIGHT			RECORDS	ACCIDENTS	PERCENT
	0 TO 4,900 LBS	4,901 TO 12,500 LBS	12,501 TO 59,525 LBS			
SCHEDULED DOMESTIC PASSG.SVC	4	15	2	21	21	9.68
SCHEDULED INTL PASSG SERVICE		2		2	2	.92
SCHEDULED DOMESTIC CARGO SVC	2	12		14	14	6.45
SCHEDULED INTL CARGO SERVICE						
CHARTER-PASSENGER-DOMESTIC	76	28	4	108	108	49.77
CHARTER-CARGO-DOMESTIC	27	31	2	60	60	27.65
MIL CONTRACT-PASSG-DOMESTIC						
MIL CONTRACT-CARGO-DOMESTIC						
TEST						
TRAINING						
FERRY-DOMESTIC	6	5		11	11	5.07
COMPANY FLIGHT						
CHARTER-PASSG-INTL						
CHARTER-CARGO-INTL						
MIL CONTRACT-PASSG-INTL						
MIL CONTRACT-CARGO-INTL						
FERRY-INTERNATIONAL		1		1	1	.46
OTHER						
RECORDS	115	94	8	217		
ACCIDENTS	115	94	8		217	
PERCENTS	53.0	43.3	3.7			



PART 2

COMMUTER AIR CARRIER ACCIDENTS





Accidents, Fatalities and Rates  
Commuter Air Carriers  
1977

	<u>All Revenue Operations</u>	<u>Passenger</u>	<u>All Cargo</u>	<u>All Mail</u>
<u>Accidents</u>				
Total	37	23	11	3
Fatal	8	6	2	0
<u>Fatalities</u>				
Passenger	21	20	1	0
Crew	10	7	3	0
Others	0	0	0	0
Total	31	27	4	0
<u>Aircraft Hours Flown</u>	1,143,651	869,279	239,030	35,142
<u>Aircraft Miles Flown(000)</u>	194,166	140,409	48,322	5,435
<u>Revenue Passenger Miles Flown(000)</u>	N/A	943,001	N/A	N/A
<u>Departures</u>	1,728,948	1,498,380	187,134	43,434
<u>Accident Rate Per 100,000 Hours Flown</u>				
Total	3.24	2.65	4.60	8.54
Fatal	.70	.69	.84	.00
<u>Accident Rate Per Million Miles Flown</u>				
Total	.19	.16	.23	.58
Fatal	.04	.04	.04	.00
<u>Accident Rate Per 100,000 Departures</u>				
Total	2.14	1.53	5.89	6.91
Fatal	.46	.40	1.07	.00
<u>Passenger Fatality Rate Per 100 Million Passenger Miles</u>	N/A	2.12	N/A	N/A



ACCIDENTS, INJURIES  
COMMUTER AIR CARRIER OPERATIONS  
U.S. GENERAL AVIATION  
1977

INJURIES					
	FATAL	SERIOUS	MINOR	NONE	UNKNOWN
PILOT	7	6	3	21	
COPILOT	2	1	1	8	
DUAL STUDENT					
CHECK PILOT					
FLIGHT ENGINEER					
NAVIGATOR					
CABIN ATTENDANT		1		2	
EXTRA CREW	1				
PASSENGERS	21	5	7	118	
TOTAL	31	13	11	149	
					ABOARD
					204
* OTHER AIRCRAFT				2	
OTHER GROUND					2
GRAND TOTAL	31	13	11	151	
					206

INVOLVES 37 TOTAL ACCIDENTS  
INVOLVES 8 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

<u>AIRPORT PROXIMITY</u>	<u>WEATHER CONDITION</u>			<u>RECORDS</u>	<u>ACCIDENTS</u>	<u>PERCENT</u>
	<u>VFR</u>	<u>IFR</u>	<u>BELOW MINIMUMS</u>			
ON AIRPORT	13	4		17	17	45.95
ON SEAPLANE BASE	1			1	1	2.70
ON HELIPORT						
ON BARGE/SHIP/PLATFORM						
IN TRAFFIC PATTERN	1		1	2	2	5.41
WITHIN 1/4 MILE	1			1	1	2.70
WITHIN 1/2 MILE	1			1	1	2.70
WITHIN 3/4 MILE						
WITHIN 1 MILE	1			1	1	2.70
WITHIN 2 MILES	2	1		3	3	8.11
WITHIN 3 MILES	1			1	1	2.70
WITHIN 4 MILES		1		1	1	2.70
WITHIN 5 MILES	1			1	1	2.70
BEYOND 5 MILES	5	3		8	8	21.62
UNKNOWN/NOT REPORTED						
RECORDS	27	9	1	37		
ACCIDENTS	27	9	1		37	
PERCENTS	73.0	24.3	2.7			

## ANALYTIC TABLE

## TYPE OF FLIGHT PLAN BY CONDITION OF LIGHT

TYPE OF FLIGHT PLAN	CONDITION OF LIGHT					RECORDS	ACCIDENTS	PERCENT
	DAWN	DAYLIGHT	DUCK (TWILIGHT)	NIGHT (DARK)	NIGHT (MOONLIGHT-BRIGHT)			
NONE		7		2		9	9	24.32
VFR	1	8	1		1	11	11	29.73
IFR	2	5		8	1	16	16	43.24
CONTROLLED VFR								
IFR (VFR CONDITIONS ON TOP)								
TOWER EN ROUTE CONTROL SERVICE								
DVFR								
VFR FLIGHT FOLLOWING SERVICE								
SPECIAL VFR			1			1	1	2.70
OTHER								
UNKNOWN/NOT REPORTED								
RECORDS	3	20	2	10	2	37		
ACCIDENTS	3	20	2	10	2		37	
PERCENTS	8.1	54.1	5.4	27.0	5.4			

# ANALYTIC TABLE

## FIRST TYPE OF ACCIDENT BY AIRCRAFT DAMAGE

FIRST TYPE OF ACCIDENT	AIRCRAFT DAMAGE				RECORDS	ACCIDENTS	PERCENT
	DESTROYED	SUBSTANTIAL	MINOR	NONE			
GROUND-WATER LOOP-SWERVE	1				1	1	2.70
DROGGED WINGTIP POD OR FLOAT							
WHEELS-UP LANDING	2				2	2	5.41
WHEELS-DOWN LANDING IN WATER							
GEAR COLLAPSED	2				2	2	5.41
GEAR RETRACTED	2				2	2	5.41
HARD LANDING	1				1	1	2.70
NDSSE OVER/DOWN							
ROLL OVER							
DVERSHOOT	3				3	3	8.11
UNDERSHOOT							
<u>COLLISION BETWEEN AIRCRAFT</u>							
BOTH IN FLIGHT							
ONE AIRBORNE							
BOTH ON GROUND	1				1	1	2.70
<u>COLLISION WITH GROUND/WATER</u>							
CONTROLLED	2				2	2	5.41
UNCONTROLLED							
<u>COLLIDED WITH</u>							
WIRES/POLES							
TREES	1				1	1	2.70
RESIDENCE/S							
BUILDING/S							
FENCE, FENCEPOSTS							
ELECTRONIC TOWERS							
RUNWAY OR APPROACH LIGHTS							
AIRPORT HAZARD							
ANIMALS							
CROP							
FLAGMAN LOADER							
DITCHES							
SNOWBANK							
PARKED AIRCRAFT (UNATTENDED)							
AUTOMOBILE	1				1	1	2.70
DIRT BANK							
OTHER	1				1	1	2.70
BIRD STRIKE							

# ANALYTIC TABLE

## FIRST TYPE OF ACCIDENT BY AIRCRAFT DAMAGE

FIRST TYPE OF ACCIDENT	AIRCRAFT DAMAGE				RECORDS	ACCIDENTS	PERCENT
	DESTROYED	SUBSTANTIAL	MINOR	NONE			
<u>STALL</u>							
SPIN	2				2	2	5.41
SPIRAL							
MUSH							
<u>FIRE OR EXPLOSION</u>							
IN FLIGHT	1				1	1	2.70
ON GROUND		1			1	1	2.70
<u>AIRFRAME FAILURE</u>							
IN FLIGHT							
ON GROUND							
ENGINE TEARAWAY							
ENGINE FAILURE OR MALFUNCTION	4	6			10	10	27.03
<u>PROPELLER/ROTOR FAILURE</u>							
PROPELLER		2			2	2	5.41
TAIL ROTOR							
MAIN ROTOR							
PROP ROTOR ACNT TO PERSON							
JET INTAKE/EXH ACNT TO PERS							
PROPELLER/JET/ROTOR BLAST							
TURBULENCE			1		1	1	2.70
HAIL DAMAGE TO AIRCRAFT							
LIGHTNING STRIKE							
EVASIVE MANEUVER							
UNCONTROLLED ALT DEVIATION							
DITCHING							
MISSING ACFT NOT RECOVERED	1				1	1	2.70
MISCELLANEOUS/OTHER	1				1	1	2.70
UNDETERMINED	1				1	1	2.70
RECORDS	13	23		1	37		
ACCIDENTS	13	23		1		37	
PERCENTS	35.1	62.2	.0	2.7			

# 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							
IDLING ENGINE/S							
ENGINE RUNUP							
IDLING ROTORS							
PARKED-ENGINES NOT OPERATING							
OTHER							
<u>TAXI</u>							
TO TAKEOFF							
FROM LANDING			3		3	3	8.11
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			1		1	1	2.70
INITIAL CLIMB		3	1	3	7	7	18.92
VERTICAL							
RUNNING (ROTORCRAFT/VTOL-STOL)							
ABORTED (FIXED-WING)							
ABORTED (ROTORCRAFT/VTOL)							
ABORTED (ROTORCRAFT/STOL)							
OTHER							
<u>INFLIGHT</u>							
CLIMB TO CRUISE							
NORMAL CRUISE		5	2	2	2	11	29.73
DESCENDING							
HOLDING (IFR)							
HOVERING							
POWER-ON DESCENT (ROTORCRAFT)							
AUTOROTATIVE DESCENT							
ACROBATICS							
BUZZING							
UNCONTROLLED DESCENT							



# ANALYTIC TABLE

## FIRST PHASE OF OPERATION BY INJURY INDEX

FIRST OPERATIONAL PHASE	INJURY INDEX				RECORDS	ACCIDENTS	PERCENT
	FATAL	SERIOUS	MINOR	NONE			
EMERGENCY DESCENT							
LOW PASS	1				1	1	2.70
OTHER							
EN ROUTE TO TREAT CROP							
EN ROUTE TO RELOADING AREA							
SURVEY FIELD/AREA							
STARTING SWATH RUN							
SWATH RUN							
FLAREOUT FOR SWATH RUN							
PULLUP FROM SWATH RUN							
PROCEDURE TURNAROUND							
CLEANUP SWATH							
MANEUVER TO AVOID OBSTRUCTION							
RETURN TO STRIP							
<u>LANDING</u>							
TRAFFIC PATTERN-CIRCLING	1				1	1	2.70
FINAL APPROACH (VFR)	1				1	1	2.70
INITIAL APPROACH							
FINAL APPROACH (IFR)	1				1	1	2.70
LEVEL OFF/TOUCHDOWN		2	4		6	6	16.22
ROLL (FIXED WING)			5		5	5	13.51
ROLL-ON/RUN-ON (ROTORCRAFT)							
POWER-ON LANDING (ROTORCRAFT)							
POWER-OFF AUTOROTATIVE LGD							
GO-AROUND (VFR)							
MISSED APPROACH (IFR)							
OTHER							
UNKNOWN/NOT REPORTED							
RECORDS	8	6	5	18	37		
ACCIDENTS	8	6	5	18		37	
PERCENTS	21.6	16.2	13.5	48.6			

CAUSE/FACTOR TABLE  
COMMUTER AIR CARRIER ACCIDENTS  
U.S. GENERAL AVIATION  
1977

(EXCLUDES ACCIDENTS WITHOUT CAUSAL ASSIGNMENT)

INVOLVES 36 TOTAL ACCIDENTS

INVOLVES 8 FATAL ACCIDENTS

BROAD CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL*	CAUSE	FACTOR	TOTAL*	CAUSE	FACTOR	TOTAL*
PILOT	6 75.00	.00	6 75.00	17 60.71	3 10.71	18 64.29	23 63.89	3 8.33	24 66.67
PERSONNEL	1 12.50	.00	1 12.50	5 17.86	1 3.57	6 21.43	6 16.67	1 2.78	7 19.44
AIRFRAME	.00	.00	.00	1 3.57	1 .00	1 3.57	1 2.78	.00	1 2.78
LANDING GEAR	.00	.00	.00	2 7.14	1 3.57	3 10.71	2 5.56	1 2.78	3 8.33
POWERPLANT	1 12.50	.00	1 12.50	8 28.57	.00	8 28.57	9 25.00	.00	9 25.00
SYSTEMS	.00	.00	.00	.00	.00	.00	.00	.00	.00
INSTRUMENTS/EQUIPMENT & ACCESSORIES	.00	.00	.00	.00	.00	.00	.00	.00	.00
ROTORCRAFT	.00	.00	.00	.00	.00	.00	.00	.00	.00
AIRPORT/AIRWAYS/FACILITIES	.00	.00	.00	3 10.71	5 17.86	8 28.57	3 8.33	5 13.89	8 22.22
WEATHER	.00	1 12.50	1 12.50	2 7.14	7 25.00	9 32.14	2 5.56	8 22.22	10 27.78
TERRAIN	1 12.50	1 12.50	2 25.00	2 7.14	2 7.14	4 14.29	3 8.33	3 8.33	6 16.67
MISCELLANEOUS	.00	.00	.00	.00	.00	.00	.00	.00	.00
UNDETERMINED	2 25.00	.00	2 25.00	.00	.00	.00	2 5.56	.00	2 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  
1977

(EXCLUDES ACCIDENTS WITHOUT CAUSAL ASSIGNMENT)

INVOLVES 36 TOTAL ACCIDENTS

INVOLVES 8 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		1	1
CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS				1		1	1		1
DELAYED ACTION IN ABORTING TAKEOFF				2		2	2		2
FAILED TO SEE AND AVOID OTHER AIRCRAFT				1		1	1		1
FAILED TO OBTAIN/MAINTAIN FLYING SPEED	1		1	3		3	4		4
FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES ETC				1	1	2	1	1	2
IMPROPER OPERATION OF POWERPLANT + POWERPLANT CONTROLS				1		1	1		1
PREMATURE LIFT OFF				1		1	1		1
IMPROPER LEVEL OFF				1		1	1		1
IMPROPER IFR OPERATION	2		2				2		2
IMPROPER IN-FLIGHT DECISIONS OR PLANNING	2		2	1		1	3		3
INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING	2		2	1	1	2	3	1	4
MISMANAGEMENT OF FUEL	2		2	2		2	4		4
FAILED TO ASSURE THE GEAR WAS DOWN AND LOCKED				3		3	3		3
MISJUDGED DISTANCE AND SPEED				2		2	2		2
PHYSICAL IMPAIRMENT					1	1		1	1
MISUSED OR FAILED TO USE FLAPS				1		1	1		1
FAILED TO MAINTAIN DIRECTIONAL CONTROL				1		1	1		1
SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND				1		1	1		1
FAILED TO INITIATE GO-AROUND				2		2	2		2
SUBTOTAL			9	25	4	29	34	4	38
<b>** PERSONNEL **</b>									
FLIGHT INSTRUCTOR									
MAINTENANCE, SERVICING, INSPECTION									
IMPROPER MAINTENANCE(MAINTENANCE PERSONNEL)					1	1		1	1
INADEQUATE MAINTENANCE AND INSPECTION	1		1	3		3	4		4
OPERATIONAL SUPERVISORY PERSONNEL									
WEATHER PERSONNEL									
TRAFFIC CONTROL PERSONNEL									
AIRPORT SUPERVISORY PERSONNEL									
AIRWAYS FACILITIES PERSONNEL									
PRODUCTION-DESIGN-PERSONNEL									
MISCELLANEOUS-PERSONNEL									
DRIVER OF VEHICLE				1		1	1		1
THIRD PILOT									
FLIGHT ENGINEER									
FLIGHT PERSONNEL									
FLIGHT ATTENDANT				1		1	1		1
DISPATCHING (AIR CARRIER ONLY)									
SUBTOTAL	1		1	5	1	6	6	1	7
<b>** AIRFRAME **</b>									
WINGS									
FUSELAGE									
DOORS, DOOR FRAMES				1		1	1		1
LANDING GEAR									
NORMAL RETRACTION/EXTENSION ASSEMBLY				1		1	1		1
LANDING GEAR WARNING AND INDICATING COMPONENTS					1	1		1	1
GEAR LOCKING MECHANISM				1		1	1		1
FLIGHT CONTROL SURFACES									
SUBTOTAL				3	1	4	3	1	4
<b>** POWERPLANT **</b>									
ENGINE STRUCTURE									

## CAUSE/FACTOR TABLE

## POWERPLANT (CONTINUED)

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
CYLINDER ASSEMBLY				1		1	1		1
IGNITION SYSTEM				1		1	1		1
MAGNETOES				1		1	1		1
LEADS				1		1	1		1
FUEL SYSTEM									
TANKS	1		1				1		1
LINES AND FITTINGS				1		1	1		1
CARBURETOR				1		1	1		1
LUBRICATING SYSTEM									
COOLING SYSTEM									
PROPELLER AND ACCESSORIES									
BLADES				1		1	1		1
EXHAUST SYSTEM									
ENGINE ACCESSORIES									
ENGINE CONTROLS									
POWERPLANT-INSTRUMENTS									
MISCELLANEOUS									
POWERPLANT FAILURE FOR UNDETERMINED REASONS				1		1	1		1
REDUCTION GEAR ASSEMBLY									
GEARS, ACCESSORY DRIVE				1		1	1		1
COMPRESSOR ASSEMBLY									
COMBUSTION ASSEMBLY									
TURBINE ASSEMBLY									
ACCESSORY DRIVE ASSEMBLY									
LUBRICATING SYSTEM									
FUEL SYSTEM									
SAFETY SYSTEM									
IGNITION SYSTEM									
TORQUEMETER									
AIR BLEED									
EXHAUST SYSTEM									
THRUST REVERSER									
PROPELLER SYSTEM									
CONSTANT SPEED DRIVE									
POWER LEVER									
PROPELLER LEVER									
REVERSE THRUST LEVER									
ENGINE INDICATING EQUIPMENT									
ENGINE INSTALLATION									
SUBTOTAL	1		1	8		8	9		9
** AIRPORTS/AIRWAYS/FACILITIES **									
AIRPORT FACILITIES									
AIRPORT CONDITIONS									
WET RUNWAY				2	1	3	2	1	3
ICE/SLUSH ON RUNWAY					1	1		1	1
HIGH VEGETATION					1	1		1	1
HIDDEN HAZARD				1		1	1		1
POORLY MAINTAINED RUNWAY SURFACE					1	1		1	1
ICE/SLUSH ON RAMP/TAXIWAY					1	1		1	1
AIRWAYS FACILITIES									
SUBTOTAL				3	5	8	3	5	8
** WEATHER **									
LOW CEILING		1	1		3	3		4	4
RAIN					3	3		3	3
FOG		1	1		1	1		2	2
ICING CONDITIONS-INCLUDES SLEET, FREEZING RAIN, ETC					1	1		1	1
UNFAVORABLE WIND CONDITIONS					1	1		1	1
SUDDEN WINDSHIFT				1		1	1		1
TURBULENCE ASSOCIATED WITH CLOUDS AND/OR THUNDERSTORMS				1	1	2	1	1	2
DOWNDRAFTS, UPDRAFTS					1	1		1	1
THUNDERSTORM ACTIVITY					1	1		1	1
SUBTOTAL		2	2	2	12	14	2	14	16
** TERRAIN **									
SNOW-COVERED					1	1		1	1
ROUGH/UNEVEN					1	1		1	1
HIGH OBSTRUCTIONS	1	1	2	1	1	2	2	2	4
SUBTOTAL	1	1	2	2	2	4	3	3	6

## CAUSE/FACTOR TABLE

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
** MISCELLANEOUS **									
UNDETERMINED	2		2				2		2
SUBTOTAL	2		2				2		2
GRAND TOTAL	14	3	17	48	25	73	62	28	90
** MISCELLANEOUS ACTS, CONDITIONS **									
POOR WELD				1		1	1		1
LEAK/LEAKAGE	1		1	2		2	3		3
DOWNWIND					5	5		5	5
DISCONNECTED				1		1	1		1
EXCESSIVE-WEAR/PLAY				1		1	1		1
GROUNDING				1		1	1		1
IMPROPERLY INSTALLED				1		1	1		1
SHEARED				1		1	1		1
SEAT BELT SIGN ON					1	1		1	1
FIRE IN WING	1		1				1		1
INTENTIONAL GROUND-WATER LOOP-SWERVE				1	1	2	1	1	2
RAN OFF END OF RUNWAY					4	4		4	4
IMPROPER EMERGENCY PROCEDURES				1	1	2	1	1	2
SEAT BELT NOT FASTENED				1		1	1		1
NOT ALLIGNED WITH RUNWAY/INTENDED LANDING AREA				1		1	1		1
POORLY PLANNED APPROACH					1	1		1	1
MISCALCULATED FUEL CONSUMPTION				1		1	1		1
FATIGUE FRACTURE				2		2	2		2
FAILURE OF TWO OR MORE ENGINES	1	1	2				1	1	2
FIRE IN ENGINE				1		1	1		1
CONGESTED TRAFFIC-PATTERN					1	1		1	1
FUEL EXHAUSTION	2		2	2		2	4		4
ICE-PROPELLER				1		1	1		1
AIRFRAME ICE				1		1	1		1
WHITEOUT					1	1		1	1
AIRCRAFT CAME TO REST IN WATER		1	1		2	2		3	3
HYDROPLANING ON WET RUNWAY				1	2	3	1	2	3
OVERLOAD FAILURE					4	4		4	4

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  
1977  
IN FILE ORDER SEQUENCE  
(NAME OF OPERATOR DISPLAYED AT RIGHT)

FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX	
3 0112	N73KW	011577	MIAMI, FL	DOUGLAS	DC3A	NONE	AAT AIRLINES D
3 0250	N321D	021477	COVINGTON, KY	BEECHCRAFT	D-18S	SERIOUS	JOHNSTON AIRWA
3 0388	N1912U	032177	WARREN, ID	CESSNA	TU206F	MINOR	ARNOLD AVIATIO
3 0392	N112NA	021977	SAVOONGA, AK	AERO COMDR	680 FL	SERIOUS	MUNZ NORTHERN
3 0422	N6VM	033077	NEW YORK, NY	DEHAVILLAND	DH-114	NONE	NEWPORT AERO
3 0624	N7694L	040477	LATROBE, PA	PIPER	PA-31	NONE	CUMBERLAND AIR
3 0677	N555JA	040577	MAUI, HI	BRITTNORMAN	BN-2	NONE	HORIZON AIR
3 0946	N11CS	061077	CATALINA, CA	GRUMMAN	G-21A	NONE	CATALINA AIRLI
3 0948	N223LH	040277	NTWIN FALLS, ID	AERO COMDR	500B	MINOR	CENTRAL AIR CH
3 1806	N7338	051777	SAN JUAN, PR	GRUMMAN	G-73	NONE	ANTILLES AIR B
3 1813	N594DE	072577	ROCKLAND, ME	PIPER	PA-23	NONE	DOWNEAST AIRLI
3 1856	N121DW	011477	ST. THOMAS, VI	BRITTNORMAN	BN2A-8	NONE	DORADO WINGS I
3 2316	N79LA	061277	BURLINGTON, VT	BEECH	18G	NONE	BRENNAN & HARG
3 2471	N119L	072277	BEMIDJI, MN	BEECH	D18S	NONE	SIZER AIRWAYS
3 2933	N19991	080177	POUGHKEEPSIE, NY	BEECH	99	MINOR	COMMAND AIRWAY
3 2987	N850EX	081177	WESTPORT, CT	BEAGLE	B.206S	FATAL	EXECUTIVE AIRL
3 3017	N7885A	083177	PHILADELPHIA, PA	NORD-AVION	262	SERIOUS	ALTAIR AIRLINE
3 3318	N75FA	081777	PITTSBURGH, PA	BEECH	G18S	SERIOUS	FLIGHT EXPRESS
3 3353	N411SA	030477	FRESNO, CA	DEHAVILLAND	DH-114	NONE	SWIFT AIRE INC
3 3448	N7597H	111577	AUSTIN, NV	CESSNA	185	NONE	AVIATION SERVI
3 3830	N8374N	081577	FLUSHING, NY	BEECH	D55	MINOR	MONTAUK CARIBB

LISTING OF COMMUTER AIR CARRIER ACCIDENTS  
U.S. GENERAL AVIATION  
1977  
IN FILE ORDER SEQUENCE  
(NAME OF OPERATOR DISPLAYED AT RIGHT)

FILE NUMBER	AIRCRAFT REGIST. *	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX	
3 3888	N36MN	112177	MISSING AIRCRAFT	BRITTNORMAN	BN2A-8	FATAL	MUNZ NORTHERN
3 3899	N4461S	112977	PINEHURST, NC	BEECH	58	FATAL	RESORT AIR SER
3 3907	N15096	121377	MILWAUKEE, WI	CESSNA	402	NONE	RAPIDAIR, INC
3 4052	N66895	121477	LAKE TAHOE, CA	PIPER	PA-31	NONE	CAL AIR COMMUT
3 4055	N59721	121977	SAN FRANCISCO, CA	PIPER	PA-31	NONE	CALIF COMMUTER
3 4085	N103TA	092477	LKE MINCHUMINA, AK	PIPER	PA-31B	SERIOUS	ALASKA CENTRAL
3 4113	N3616B	081777	BUCKEYE LAKE, OH	BEECH	E18S	MINOR	FLIGHT EXPRES*
3 4130	N55653	071777	NCOULEE CITY, WA	PIPER	PA-32	NONE	OK AIR, INC.
3 4160	N202GW	122277	CHICAGO, IL	BEECH	E18	NONE	GREAT WESTERN
3 4180	N4917	082577	KAILUA KONA, HI	SKYVAN	SC-7	FATAL	AIR CARGO HAWA
3 4185	N862JA	121977	NVIEQUES, PR	BRITTNORMAN	BN-2A	FATAL	VIEQUES AIR LI
3 4201	N105TA	042177	NRUBY, AK	PIPER	PA-32	NONE	ALASKA CENTRAL
3 4207	N8442E	112277	BURBANK, CA	BELL	47J-2	FATAL	L.A. HELICOPTER
3 4217	N563MA	090677	NILIAMNA, AK	DEHAVILLAND	DHC-6	FATAL	ALASKA AERONAU
3 4236	N4554Q	081377	NYATES CITY, IL	CESSNA	402A	FATAL	BROWER AIRWAYS
3 4251	N5601D	100177	NPLYMOUTH, IN	BEECH	E18S	SERIOUS	BLACKHAWK AIR

NATIONAL TRANSPORTATION SAFETY BOARD  
WASHINGTON, D. C. 20594  
BRIEFS OF COMMUTER AIR CARRIER ACCIDENTS  
U.S. GENERAL AVIATION  
1977  
(IN STATE AND DATE ORDER)

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0392	2/19/77 TIME - 1050	SAVOONGA, AK	AERO COMDR 680 FL N112NA DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 1 1	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	COMMERCIAL, AGE 48, 19076 TOTAL HOURS, 321 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - SAVOONGA, AK DEPARTURE POINT INTENDED DESTINATION NOME, AK SAVOONGA, AK TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER CONTROLLED LANDING TRAFFIC PATTERN-CIRCLING						
PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS MISCELLANEOUS ACTS, CONDITIONS - ICE-PROPELLER MISCELLANEOUS ACTS, CONDITIONS - AIRFRAME ICE FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - WHITEOUT WEATHER - ICING CONDITIONS-INCLUDES SLEET, FREEZING RAIN, ETC. WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT						
SKY CONDITION CEILING AT ACCIDENT SITE OVERCAST 500 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 1 MILE OR LESS SNOW, FREEZING DRIZZLE OBSTRUCTIONS TO VISION AT ACCIDENT SITE TEMPERATURE-F BLOWING SNOW 10 WIND DIRECTION-DEGREES WIND VELOCITY-KNOTS 10 12 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN BELOW MINIMUMS VFR						



## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4201	4/21/77	NR.RUBY,AK TIME - 1145	PIPER PA-32 N105TA DAMAGE-SUBSTANTIAL INTENDED DESTINATION FAIRBANKS,AK	CR- 0 0 1 PX- 0 0 2	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	COMMERCIAL, AGE 36, 2500 TOTAL HOURS, 1150 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT RUBY,AK						
TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLISION WITH GROUND/WATER CONTROLLED			PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING LEVEL OFF/TOUCHDOWN			
PROBABLE CAUSE(S) POWERPLANT - IGNITION SYSTEM MAGNETOS MISCELLANEOUS ACTS,CONDITIONS - EXCESSIVE-WEAR/PLAY						
FACTOR(S) TERRAIN - SNOW-COVERED COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- IMPULSE COUPLING FAILED.FORCED LOG IN DEEP SNOW.						
3-4217	9/6/77	NR.ILIAMNA,AK TIME - 1452	DEHAVILLAND DHC-6 N563MA DAMAGE-DESTROYED	CR- 2 0 0 PX- 11 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	ATP,FLIGHT INSTR., AGE 31, 4335 TOTAL HOURS, 1124 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT ILIAMNA,AK			INTENDED DESTINATION ANCHORAGE,AK			
TYPE OF ACCIDENT COLLISION WITH GROUND/WATER CONTROLLED			PHASE OF OPERATION IN FLIGHT NORMAL CRUISE			
PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IFR OPERATION REMARKS- HIT GLACIER ABT 7000FT MSL.RECOVERY OF BODIES OR WRECKAGE WAS NOT POSSIBLE.						
3-4085	9/24/77	LKE MINCHUMINA,AK TIME - 1400	PIPER PA-31B N103TA DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 5	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	ATP,FLIGHT INSTR., AGE 35, 3160 TOTAL HOURS, 600 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - LAKE MINCHUMINA						
DEPARTURE POINT LKE MINCHUMINA,AK			INTENDED DESTINATION FAIRBANKS,AK			
TYPE OF ACCIDENT MISCELLANEOUS DITCHING			PHASE OF OPERATION TAKEOFF INITIAL CLIMB LANDING LEVEL OFF/TOUCHDOWN			
PROBABLE CAUSE(S) AIRFRAME - FUSELAGE DOORS,DOOR FRAMES						
FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS POORLY MAINTAINED RUNWAY SURFACE MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER PITCH CONTROL PROBLEM DOOR/PANEL OPEN REMARKS- NOSE BAGGAGE COMPARTMENT DOOR OPENED.UN MAINTAIN FLT.TKOF FRM GRAVEL RWY.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3353	3/4/77 TIME - 1946	FRESNO,CA	DEHAVILLAND DH-114 N411SA DAMAGE-SUBSTANTIAL	CR- 0 0 3 PX- 0 0 11	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	AIRLINE TRANSPORT, AGE 34, 3800 TOTAL HOURS, 2000 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - FRESNO AIR TERMIN						
DEPARTURE POINT		INTENDED DESTINATION				
VISALIA,CA		FRESNO,CA				
TYPE OF ACCIDENT				PHASE OF OPERATION		
GEAR RETRACTED				TAKEOFF RUN		
PROBABLE CAUSE(S)						
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION						
MISCELLANEOUS ACTS,CONDITIONS - POOR WELD						
AIRFRAME - LANDING GEAR GEAR LOCKING MECHANISM						
REMARKS- LEFT MAIN LANDING GEAR STABILIZER,PN 14-2U-325. STOP LUGS BRKN AT WELD. L WING DMGD ON ROLLOUT.						
3-0946	6/10/77 TIME - 1350	CATALINA,CA	GRUMMAN G-21A N11CS DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 9	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	AIRLINE TRANSPORT, AGE 56, 25000 TOTAL HOURS, 6000 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - PEBBLY BEACH						
DEPARTURE POINT		INTENDED DESTINATION				
LONG BEACH,CA		CATALINA,CA				
TYPE OF ACCIDENT				PHASE OF OPERATION		
COLLIDED WITH OBJECT				TAXI FROM LANDING		
GEAR COLLAPSED				TAXI FROM LANDING		
PROBABLE CAUSE(S)						
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS HIDDEN HAZARD						
FACTOR(S)						
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE						
REMARKS- RIGHT MAIN LDG GEAR HIT SUBMERGED PIECE OF CEMENT WHILE TAXYING UP RAMP.						
3-4207	11/22/77 TIME - 1534	BURBANK,CA	BELL 47J-2 N8442E DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	COMMERCIAL, AGE 29, 4109 TOTAL HOURS, 138 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - HOLLYWOOD-BURBANK						
DEPARTURE POINT		INTENDED DESTINATION				
BURBANK,CA		LOS ANGELES,CA				
TYPE OF ACCIDENT				PHASE OF OPERATION		
UNDETERMINED				IN FLIGHT LOW PASS		
PROBABLE CAUSE(S)						
MISCELLANEOUS - UNDETERMINED						
FIRE AFTER IMPACT						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4052	12/14/77 TIME - 1918	LAKE TAHOE,CA	PIPER PA-31 N66895 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	AIRLINE TRANSPORT, AGE 27, 2980 TOTAL HOURS, 340 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - LAKE TAHOE DEPARTURE POINT INTENDED DESTINATION LAKE TAHOE,CA SACRAMENTO,CA TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION TAKEOFF INITIAL CLIMB GROUND-WATER LOOP-SWERVE TAKEOFF ABORTED  PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS WET RUNWAY FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - HYDROPLANING ON WET RUNWAY MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND MISCELLANEOUS ACTS,CONDITIONS - INTENTIONAL GROUND-WATER-LOOP-SWERVE MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT REMARKS- WIND GUSTS TO 25K.						
3-4055	12/19/77 TIME - 1545	SAN FRANCISCO,CA	PIPER PA-31 N59721 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	AIRLINE TRANSPORT, AGE 31, 3241 TOTAL HOURS, 222 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - SAN FRANCISCO INT DEPARTURE POINT INTENDED DESTINATION SAN JOSE,CA SAN FRANCISCO,CA TYPE OF ACCIDENT PHASE OF OPERATION GEAR RETRACTED LANDING ROLL  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
3-2987	8/11/77 TIME - 2001	WESTPORT,CT	BEAGLE B.206S N850EX DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 3 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-O	AIRLINE TRANSPORT, AGE 30, 4027 TOTAL HOURS, 157 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT BEDFORD,MA	INTENDED DESTINATION WHITE PLAINS,NY			
		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 - IMPROPER IN-FLIGHT DECISIONS OR PLANNING						
PILOT IN COMMAND - MISMANAGEMENT OF FUEL						
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION						
MISCELLANEOUS ACTS,CONDITIONS - FAILURE OF TWO OR MORE ENGINES						
TERRAIN - HIGH OBSTRUCTIONS						
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-2 ENGINES						
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
REMARKS- PLT RPRTD ENG TROUBLE AT 1956,ELECTED TO CONTINUE TO WESTCHESTER COUNTY ARPT.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0112	1/15/77 TIME - 1411	MIAMI, FL	DOUGLAS DC3A N73KW DAMAGE-DESTROYED	CR- 0 0 3 PX- 0 0 30	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	ATP, FLIGHT INSTR., AGE 50, 9250 TOTAL HOURS, 2100 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - MIAMI INT. AIRPORT DEPARTURE POINT INTENDED DESTINATION MIAMI, FL KEY WEST, FL TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION STALL HUSH LAST ENROUTE STOP MARATHON, FL PHASE OF OPERATION TAKEOFF INITIAL CLIMB TAKEOFF INITIAL CLIMB PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION INADEQUATE MAINTENANCE AND INSPECTION POWERPLANT - ENGINE STRUCTURE CYLINDER ASSEMBLY MISCELLANEOUS ACTS, CONDITIONS - DISCONNECTED PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF MISCELLANEOUS ACTS, CONDITIONS - IMPROPER EMERGENCY PROCEDURES FACTOR(S) WEATHER - LOW CEILING WEATHER - RAIN PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE WEATHER BRIEFING - BRIEFING RECEIVED-METHOD UNKNOWN WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP.						
SKY CONDITION OBSCURATION VISIBILITY AT ACCIDENT SITE 1/2 MILE OR LESS OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE TEMPERATURE--F 69 WIND VELOCITY-KNOTS 10 TYPE OF FLIGHT PLAN IFR REMARKS- PILOT STOPPED CLIMBING AND WAS ATTEMPTING TO LAND ON THE REMAINING WET RUNWAY						
CEILING AT ACCIDENT SITE 900 PRECIPITATION AT ACCIDENT SITE RAIN RELATIVE BEARING OF WIND HEAD WIND 338-022 DEGREES WIND DIRECTION-DEGREES 270 TYPE OF WEATHER CONDITIONS IFR						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0677	4/5/77 TIME - 1015	MAUI, HI	BRITNORMAN BN-2 N555JA DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	COMMERCIAL, AGE 30, 1435 TOTAL HOURS, 108 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - KAA NAPALI DEPARTURE POINT HONOLULU, HI TYPE OF ACCIDENT HARD LANDING PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER LEVEL OFF FACTOR(S) WEATHER - UNFAVORABLE WIND CONDITIONS WEATHER - DOWNDRAFT, UPDRAFTS SKY CONDITION SCATTERED VISIBILITY AT ACCIDENT SITE 5 OR OVER (UNLIMITED) OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE WIND DIRECTION-DEGREES 30 TYPE OF WEATHER CONDITIONS VFR REMARKS- WIND GUSTS TO 30KTS.						
INTENDED DESTINATION MAUI, HI PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN CEILING AT ACCIDENT SITE UNKNOWN/NOT REPORTED PRECIPITATION AT ACCIDENT SITE RAIN RELATIVE BEARING OF WIND HEAD WIND 338-022 DEGREES WIND VELOCITY-KNOTS 5 TYPE OF FLIGHT PLAN VFR						
3-4180	8/25/77 TIME - 0540	KAILUA KONA, HI	SKYVAN SC-7 N4917 DAMAGE-DESTROYED	CR- 2 0 0 PX- 0 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	AIRLINE TRANSPORT, AGE 60, 25107 TOTAL HOURS, 161 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - KE-AHOLE DEPARTURE POINT HONOLULU, HI TYPE OF ACCIDENT STALL SPIN PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED FIRE AFTER IMPACT						
INTENDED DESTINATION KAILUA KONA, HI PHASE OF OPERATION LANDING FINAL APPROACH						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0388	3/21/77 TIME - 1315	WARREN, ID	CESSNA TU206F N1912U DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	COMMERCIAL, AGE 39, 4215 TOTAL HOURS, 253. IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - MCCLAIN RANCH DEPARTURE POINT INTENDED DESTINATION MCCALL, ID WARREN, ID TYPE OF ACCIDENT PHASE OF OPERATION OVERSHOOT LANDING LEVEL OFF/TOUCHDOWN COLLIDED WITH TREES LANDING ROLL  PROBABLE CAUSE(S) WEATHER - SUDDEN WINDSHIFT FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - DOWNWIND MISCELLANEOUS ACTS, CONDITIONS - RAN OFF END OF RUNWAY TERRAIN - HIGH OBSTRUCTIONS WEATHER BRIEFING - OTHER  SKY CONDITION CEILING AT ACCIDENT SITE SCATTERED 10000 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 5 OR OVER (UNLIMITED) NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE RELATIVE BEARING OF WIND NONE LIGHT AND VARIABLE TEMPERATURE-F TYPE OF WEATHER CONDITIONS 40 VFR TYPE OF FLIGHT PLAN NONE REMARKS- ENCOUNTERED EST 30KT TAILWIND GUST WHEN ON FINAL APCH TO ONE-WAY, NO GO-ARND, 900FT STRIP.						
3-0948	4/2/77 TIME - 0355	NR. TWIN FALLS, ID	AERO COMDR 500B N223LH DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	COMMERCIAL, FL. INSTR., AGE 33, 4963 TOTAL HOURS, 63 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION TWIN FALLS, ID RETURN TYPE OF ACCIDENT LAST ENROUTE STOP ENGINE FAILURE OR MALFUNCTION BOISE, ID COLLIDED WITH WIRES/POLES PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING ROLL  PROBABLE CAUSE(S) PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS, CONDITIONS - MISCALCULATED FUEL CONSUMPTION MISCELLANEOUS ACTS, CONDITIONS - FUEL EXHAUSTION TERRAIN - HIGH OBSTRUCTIONS COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-2 ENGINES EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- ITINERARY-TWIN FALLS, BOISE, TWIN FALLS, POCATELLO, BOISE, TWIN FALLS. DARK NIGHT. SNOW ON GND.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4236	8/13/77 TIME - 2015	NR.YATES CITY,IL	CESSNA 402A N45540 DAMAGE-DESTROYED	CR- 2 0 0 PX- 1 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	ATP,FLIGHT INSTR., AGE 32, 2497 TOTAL HOURS, 3358 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - TRI COUNTY RLA						
DEPARTURE POINT		INTENDED DESTINATION				
CHICAGO,IL		MACOMB,IL				
TYPE OF ACCIDENT				PHASE OF OPERATION		
FIRE OR EXPLOSION IN FLIGHT				IN FLIGHT NORMAL CRUISE		
COLLISION WITH GROUND/WATER UNCONTROLLED				LANDING TRAFFIC PATTERN-CIRCLING		
PROBABLE CAUSE(S)						
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION						
POWERPLANT - FUEL SYSTEM TANKS						
MISCELLANEOUS ACTS,CONDITIONS - LEAK/LEAKAGE						
MISCELLANEOUS ACTS,CONDITIONS - FIRE IN WING						
PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING						
EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.						
FIRE AFTER IMPACT						
REMARKS- OVERFLEW AVAILABLE FIELDS.						
3-4160	12/22/77 TIME - 0051	CHICAGO,IL	BEECH E18 N202GW DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	COMMERCIAL, AGE 29, 3914 TOTAL HOURS, 350 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - O'HARE INTL						
DEPARTURE POINT		INTENDED DESTINATION				
KANSAS CITY,KA		CHICAGO,IL				
TYPE OF ACCIDENT				PHASE OF OPERATION		
COLLIDED WITH AUTOMOBILE				TAXI FROM LANDING		
PROBABLE CAUSE(S)						
PERSONNEL - MISCELLANEOUS-PERSONNEL DRIVER OF VEHICLE						
REMARKS- GROUND SERVICE TUG FAILED TO YIELD RIGHT OF WAY.						
3-4251	10/1/77 TIME - 0455	NR.PLYMOUTH,IN	BEECH E18S N5601D DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	AIRLINE TRANSPORT, AGE 45, 13675 TOTAL HOURS, 2355 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT		INTENDED DESTINATION		LAST ENROUTE STOP		
VANDALIA,OH		JANESVILLE,WI		CHICAGO,IL		
TYPE OF ACCIDENT				PHASE OF OPERATION		
PROPELLER/ROTOR FAILURE PROPELLER				IN FLIGHT NORMAL CRUISE		
ENGINE TEARAWAY				IN FLIGHT NORMAL CRUISE		
REMARKS- UNDER INVESTIGATION.						



## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0250	2/14/77 TIME - 2326	COVINGTON, KY	BEECHCRAFT D-18S N321D DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	AIRLINE TRANSPORT, AGE 50, 14136 TOTAL HOURS, 6233 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - CINCINNATI MUNI DEPARTURE POINT INTENDED DESTINATION COVINGTON, KY COLUMBUS, OH TYPE OF ACCIDENT PHASE OF OPERATION STALL SPIN TAKEOFF INITIAL CLIMB  PROBABLE CAUSE(S) PILOT IN COMMAND - PREMATURE LIFT-OFF PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED FACTOR(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - PHYSICAL IMPAIRMENT AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS ICE/SLUSH ON RUNWAY FIRE AFTER IMPACT REMARKS- CARGO NET FOUND UNDERNEATH MAIL. PLT NOT FEELING WELL.						
3-1813	7/25/77 TIME - 1140	ROCKLAND, ME	PIPER PA-23 N594DE DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 5	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	ATP, FLIGHT INSTR., AGE 30, 5360 TOTAL HOURS, 550 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - KNOX COUNTY DEPARTURE POINT INTENDED DESTINATION BOSTON, MA ROCKLAND, ME TYPE OF ACCIDENT PHASE OF OPERATION GEAR COLLAPSED LANDING ROLL  PROBABLE CAUSE(S) PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS WET RUNWAY MISCELLANEOUS ACTS, CONDITIONS - HYDROPLANING ON WET RUNWAY FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - DOWNWIND MISCELLANEOUS ACTS, CONDITIONS - RAN OFF END OF RUNWAY MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE WEATHER - LOW CEILING WEATHER - RAIN WEATHER - FOG WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE. WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT  SKY CONDITION CEILING AT ACCIDENT SITE OVERCAST 500 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 2 MILES OR LESS RAIN OBSTRUCTIONS TO VISION AT ACCIDENT SITE RELATIVE BEARING OF WIND FOG TAIL WIND 158-202 DEGREES WIND DIRECTION-DEGREES WIND VELOCITY-KNOTS 210 16 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN IFR IFR REMARKS- FIRST APCH TO RWY INTO WIND ABORTED, LOST SIGHT OF RWY. ANOTHER PILOT RPTD WIND GUSTING 25-30K.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2471	7/22/77 TIME - 0245	BEMIDJI,MN	BEECH D18S N119L DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	COMMERCIAL, AGE 26, 1759 TOTAL HOURS, 285 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - BEMIDJI MUNI DEPARTURE POINT INTENDED DESTINATION DETROIT LAKES,MN BEMIDJI,MN TYPE OF ACCIDENT GEAR COLLAPSED  PROBABLE CAUSE(S) AIRFRAME - LANDING GEAR NORMAL RETRACTION/EXTENSION ASSEMBLY MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE REMARKS- BOLT, P/N 404-188466.						
3-3448	11/15/77 TIME - 0910	AUSTIN,NV	CESSNA 185 N7597H DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0 OT- 0 0 2	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	COMMERCIAL, AGE 33, 6765 TOTAL HOURS, 2205 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - AUSTIN DEPARTURE POINT INTENDED DESTINATION RENO,NV AUSTIN,NV TYPE OF ACCIDENT COLLISION WITH AIRCRAFT BOTH ON GROUND  PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT MISCELLANEOUS ACTS,CONDITIONS - NOT ALIGNED WITH RUNWAY/INTENDED LANDING AREA FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS HIGH VEGETATION REMARKS- PILOT LANDED ON PARALLEL TWY.SAGE BRUSH BLOCKED VIEW BETWEEN TWY & RUNWAY.CATTLE ON AP.						
3-0422	3/30/77 TIME - 0847	NEW YORK,NY	DEHAVILLAND DH-114 N6VM DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 4	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	AIRLINE TRANSPORT, AGE 46, 9000 TOTAL HOURS, 680 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - LAGUARDIA DEPARTURE POINT INTENDED DESTINATION NEWPORT,RI NEW YORK,NY TYPE OF ACCIDENT WHEELS-UP  PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO ASSURE THE GEAR WAS DOWN AND LOCKED REMARKS- GEAR NOT FULLY CYCLED PRIOR TO TOUCH DOWN.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2933	8/1/77 TIME - 1910	POUGHKEEPSIE,NY	BEECH 99 N19991 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 5	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	AIRLINE TRANSPORT, AGE 31, 6062 TOTAL HOURS, 4131 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - DUTCHESS CO DEPARTURE POINT INTENDED DESTINATION BINGHAMTON,NY BOSTON,MA TYPE OF ACCIDENT OVERSHOOT COLLIDED WITH FENCE,FENCEPOSTS  PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND WEATHER - THUNDERSTORM ACTIVITY AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS WET RUNWAY MISCELLANEOUS ACTS,CONDITIONS - HYDROPLANING ON WET RUNWAY MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY RADIO WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT  SKY CONDITION BROKEN VISIBILITY AT ACCIDENT SITE 4 MILES OR LESS OBSTRUCTIONS TO VISION AT ACCIDENT SITE HAZE WIND DIRECTION-DEGREES 300 TYPE OF WEATHER CONDITIONS VFR REMARKS- T/D ABT MIDPOINT ON 5000 FT RWY.EVIDENCE OF VISCOUS HYDROPLANNING LAST 260 FT OF RWY.						
LAST ENROUTE STOP POUGHKEEPSIE,NY PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN LANDING ROLL  CEILING AT ACCIDENT SITE 3000 PRECIPITATION AT ACCIDENT SITE RAIN, THUNDERSTORM RELATIVE BEARING OF WIND LEFT QUARTERING TAIL WIND 203-247 DEGREES WIND VELOCITY-KNOTS 10 TYPE OF FLIGHT PLAN SPECIAL VFR						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3830	8/15/77 TIME - 0815	FLUSHING,NY	BEECH D55 N8374N DAMAGE-SUBSTANTIAL	CR- 0 0 1. PX- 0 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	COMMERCIAL, AGE 24, 2300 TOTAL HOURS, 310 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - FLUSHING DEPARTURE POINT INTENDED DESTINATION FLUSHING,NY EAST HAMPTON,NY TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION TAKEOFF INITIAL CLIMB STALL MUSH LANDING TRAFFIC PATTERN-CIRCLING  PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION POWERPLANT - IGNITION SYSTEM LEADS MISCELLANEOUS ACTS,CONDITIONS - GROUNDED PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED PILOT IN COMMAND - MISUSED OR FAILED TO USE FLAPS FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - CONGESTED TRAFFIC-PATTERN PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- IGNITION LEAD GNDD MAG TERM,NO PROTECT BOOT INSTLD.FLAPS RETRACTED AT INSF SPEED TO SUPPORT ACFT.						
3-3899	11/29/77 TIME - 1917	PINEHURST,NC	BEECH 58 N4461S DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	COMMERCIAL, AGE 31, 2416 TOTAL HOURS, 226 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - PINEHURST-SOUTHER DEPARTURE POINT INTENDED DESTINATION CHARLOTTE,NC PINEHURST,NC 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 TERRAIN - HIGH OBSTRUCTIONS WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT  SKY CONDITION CEILING AT ACCIDENT SITE OVERCAST/LOWER SCATTERED 4000 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 2 MILES OR LESS NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE TYPE OF WEATHER CONDITIONS GROUND FOG IFR TYPE OF FLIGHT PLAN IFR FIRE AFTER IMPACT REMARKS- WITNESSES RPTD ACFT NR TREETOP LVL 3MILES FM ARPT.LOW CLOUDS AND FOG VICINITY ACFT SITE.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4113	8/17/77 TIME - 0529	BUCKEYE LAKE, OH	BEECH E18S N3616B DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	COMMERCIAL, AGE 33, 3813 TOTAL HOURS, 379 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - BUCKEYE				
		DEPARTURE POINT	INTENDED DESTINATION			
		PHILADELPHIA, PA	COLUMBUS, OH			
		TYPE OF ACCIDENT			PHASE OF OPERATION	
		ENGINE FAILURE OR MALFUNCTION			IN FLIGHT NORMAL CRUISE	
		DITCHING			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 - LOW CEILING						
MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER						
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-2 ENGINES						
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE						
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER						
SKY CONDITION				CEILING AT ACCIDENT SITE		
UNKNOWN/NOT REPORTED				1300		
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						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0624	4/4/77 TIME - 1942	LATROBE, PA	PIPER PA-31 N7694L DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 6	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	COMMERCIAL, FL. INSTR., AGE 28, 6231 TOTAL HOURS, 1602 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - LATROBE DEPARTURE POINT INTENDED DESTINATION LAST ENROUTE STOP PITTSBURGH, PA CUMBERLAND, MD LATROBE, PA 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) AIRFRAME - LANDING GEAR LANDING GEAR WARNING AND INDICATING COMPONENTS WEATHER - RAIN WEATHER - TURBULENCE, ASSOCIATED W/CLOUDS AND/OR THUNDERSTORMS WEATHER BRIEFING - BRIEFING RECEIVED-METHOD UNKNOWN WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT  SKY CONDITION CEILING AT ACCIDENT SITE OVERCAST/LOWER SCATTERED 3000 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 5 OR OVER(UNLIMITED) RAIN OBSTRUCTIONS TO VISION AT ACCIDENT SITE WIND DIRECTION-DEGREES NONE 160 WIND VELOCITY-KNOTS TYPE OF WEATHER CONDITIONS 5 VFR TYPE OF FLIGHT PLAN NONE REMARKS- CABIN & COCKPIT LGTS DIMMED, BEACON & FLASHING STROBE LGTS ON.						
3-3318	8/17/77 TIME - 0541	PITTSBURGH, PA	BEECH G18S N75FA DAMAGE-SUBSTANTIAL	CR- 0 2 0 PX- 0 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	COMMERCIAL, AGE 35, 1439 TOTAL HOURS, 527 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - GREAT PITTSBURGH DEPARTURE POINT INTENDED DESTINATION PITTSBURGH, PA CLEVELAND, OH TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION TAKEOFF INITIAL CLIMB STALL MUSH IN FLIGHT OTHER  PROBABLE CAUSE(S) POWERPLANT - FUEL SYSTEM CARBURETOR MISCELLANEOUS ACTS, CONDITIONS - IMPROPERLY INSTALLED MISCELLANEOUS ACTS, CONDITIONS - LEAK/LEAKAGE PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC. PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS FACTOR(S) PILOT IN COMMAND - ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP. T. FIRE AFTER IMPACT REMARKS- RIGHT ENG NOT FEATHERED. TURNED ACFT TOWARD DEAD ENG WHILE RETURNING TO AIRPORT.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3017	8/31/77 TIME - 1540	PHILADELPHIA, PA	NORD-AVION 262 N7885A DAMAGE-NONE	CR- 0 1 2 PX- 0 0 15	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	AIRLINE TRANSPORT, AGE 47, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, INSTRU- MENT RATED.
	DEPARTURE POINT HARRISBURG, PA	INTENDED DESTINATION PHILADELPHIA, PA			PHASE OF OPERATION IN FLIGHT NORMAL CRUISE	
	TYPE OF ACCIDENT TURBULENCE					
	PROBABLE CAUSE(S) WEATHER - TURBULENCE, ASSOCIATED W/CLOUDS AND/OR THUNDERSTORMS PERSONNEL - FLIGHT PERSONNEL FLIGHT ATTENDANT MISCELLANEOUS ACTS, CONDITIONS - SEAT BELT NOT FASTENED					
	FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - SEAT BELT SIGN ON WEATHER BRIEFING - BRIEFING RECEIVED-METHOD UNKNOWN WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT					
	SKY CONDITION UNKNOWN/NOT REPORTED VISIBILITY AT ACCIDENT SITE UNKNOWN/NOT REPORTED OBSTRUCTIONS TO VISION AT ACCIDENT SITE UNKNOWN/NOT REPORTED TYPE OF FLIGHT PLAN IFR				CEILING AT ACCIDENT SITE UNKNOWN/NOT REPORTED PRECIPITATION AT ACCIDENT SITE RAIN SHOWERS TYPE OF WEATHER CONDITIONS IFR	
	REMARKS- CABIN PERSONNEL WARNED TO BE SEATED. PAX GOT UP, FLT ATTENDANT GOT UP TO SEAT PAX.					
3-2316	6/12/77 TIME - 1149	BURLINGTON, VT	BEECH 18G N79LA DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	COMMERCIAL, AGE 28, 3500 TOTAL HOURS, 2000 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - BURLINGTON INTL DEPARTURE POINT HARTFORD, CT	INTENDED DESTINATION BURLINGTON, VT				
	TYPE OF ACCIDENT OVERSHOOT GEAR COLLAPSED				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 MISCELLANEOUS ACTS, CONDITIONS - INTENTIONAL GROUND-WATER-LOOP-SWERVE					
	FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - DOWNWIND MISCELLANEOUS ACTS, CONDITIONS - POORLY PLANNED APPROACH MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE					
	REMARKS- LEFT MAIN GEAR FAILED DURING INTENTIONAL GROUND LOOP AT END OF RUNWAY.					

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4130	7/17/77 TIME - 1850	NR.COULEE CITY,WA	PIPER PA-32 N55653 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	COMMERCIAL, AGE 40, 5750 TOTAL HOURS, 1410 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT OMAK,WA	INTENDED DESTINATION EPHRATA,WA		LAST ENROUTE STOP COULEE DAM,WA		
	TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLISION WITH GROUND/WATER	CONTROLLED		PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING LEVEL OFF/TOUCHDOWN		
	PROBABLE CAUSE(S) POWERPLANT - REDUCTION GEAR ASSEMBLY MISCELLANEOUS ACTS,CONDITIONS - SHEARED TERRAIN - ROUGH/UNEVEN COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- CRANKSHAFT GEAR RETAINING SCREW FAILED.GR DISENGAGED FM OTR ACCESSORY GEARS.LYC P/N STD-1937.					
3-3907	12/13/77 TIME - 0630	MILWAUKEE,WI	CESSNA 402 N15096 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	AIRLINE TRANSPORT, AGE 25, 4658 TOTAL HOURS, 48 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - GEN MITCHELL DEPARTURE POINT CHICAGO,IL	INTENDED DESTINATION MILWAUKEE,WI				
	TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE GEAR COLLAPSED			PHASE OF OPERATION TAXI FROM LANDING TAXI FROM LANDING		
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE					
3-3888	11/21/77 TIME - UNK/NR	MISSING AIRCRAFT	BRITTNORMAN BN2A-8 N36MN DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	COMMERCIAL, FL.INSTR., AGE 21, 2800 TOTAL HOURS, 300 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT KOTZEBUE,AK	INTENDED DESTINATION KOTZEBUE,AK		LAST ENROUTE STOP POINT HOPE,AK		
	TYPE OF ACCIDENT MISSING AIRCRAFT,NOT RECOVERED			PHASE OF OPERATION IN FLIGHT NORMAL CRUISE		
	PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED REMARKS- ACFT DAMAGE AND INJURIES PRESUMED.					



## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1806	5/17/77 TIME - 1642	SAN JUAN,PR	GRUMMAN G-73 N7338 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 15	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	COMMERCIAL, AGE 52, 11780 TOTAL HOURS, 1050 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - ISLA GRANDE DEPARTURE POINT INTENDED DESTINATION ST.THOMAS,VI SAN JUAN,PR TYPE OF ACCIDENT PHASE OF OPERATION FIRE OR EXPLOSION ON GROUND LANDING ROLL  PROBABLE CAUSE(S) POWERPLANT - FUEL SYSTEM LINES AND FITTINGS MISCELLANEOUS ACTS,CONDITIONS - FIRE IN ENGINE MISCELLANEOUS ACTS,CONDITIONS - LEAK/LEAKAGE FACTOR(S) PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC. MISCELLANEOUS ACTS,CONDITIONS - IMPROPER EMERGENCY PROCEDURES PERSONNEL - MAINTENANCE,SERVICING,INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL) REMARKS- FUEL LEAK VICINITY ELECT BOOST PUMP.FIRE BOTTLE ACT WITH ENG IN OPN.OTR FIRE BOTTLE PREV REMOVED.						
3-4185	12/19/77 TIME - 0748	NR.VIEQUES,PR	BRITTNORMAN BN-2A N862JA DAMAGE-DESTROYED	CR- 0 1 0 PX- 5 1 3	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-I	COMMERCIAL, FL.INSTR., AGE 50, 5031 TOTAL HOURS, 1010 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION ST CROIX,VI VIEQUES,PR TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT NORMAL CRUISE DITCHING 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) 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						
3-1856	1/14/77 TIME - 1730	ST.THOMAS,VI	BRITTNORMAN BN2A-8 N121DW DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 9	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-I	ATP,FLIGHT INSTR., AGE 24, 2800 TOTAL HOURS, 655 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - HARRY S.TRUMAN DEPARTURE POINT INTENDED DESTINATION ST.THOMAS,VI SAN JUAN,PR TYPE OF ACCIDENT PHASE OF OPERATION PROPELLER/ROTOR FAILURE PROPELLER TAKEOFF INITIAL CLIMB  PROBABLE CAUSE(S) POWERPLANT - PROPELLER AND ACCESSORIES BLADES MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP.T.						



PART 3

ON-DEMAND AIR TAXI ACCIDENTS



Accidents, Fatalities, and Rates  
On-Demand Air Taxi  
1977

	<u>All Revenue Operations</u>	<u>Passengers</u>	<u>Cargo</u>
<u>Accidents</u>			
Total	180	116	64
Fatal	36	22	14
<u>Fatalities</u>			
Passengers	81	81	0
Crew	40	23	17
Others	3	3	0
Total	124	107	17
<u>Aircraft Hours Flown</u>	3,063,749		
<u>Accident Rate Per</u>			
<u>100,000 Hours Flown</u>			
Total	5.88		
Fatal	1.18		



ACCIDENTS, INJURIES  
ON-DEMAND AIR TAXI OPERATIONS  
1977

		INJURIES				
		FATAL	SERIOUS	MINOR	NONE	UNKNOWN
						TOTAL
PILOT		32	10	27	111	180
COPILOT		7	1	2	9	19
DUAL STUDENT						
CHECK PILOT						
FLIGHT ENGINEER						
NAVIGATOR						
CABIN ATTENDANT		1		1		2
EXTRA CREW					4	4
PASSENGERS		81	29	41	183	334
TOTAL		121	40	71	307	ABOARD 539
* OTHER AIRCRAFT					2	2
OTHER GROUND		3	3	3	2	11
GRAND TOTAL		124	43	74	311	552

INVOLVES 180 TOTAL ACCIDENTS  
INVOLVES 36 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

AIRPORT PROXIMITY	WEATHER CONDITION				RECORDS	ACCIDENTS	PERCENT
	VFR	IFR	BELOW MINIMUMS	UNK/NOT REPORTED			
ON AIRPORT	58	6			64	64	35.56
ON SEAPLANE BASE	7				7	7	3.89
ON HELIPORT							
ON BARGE/SHIP/PLATFORM	2				2	2	1.11
IN TRAFFIC PATTERN	3	1			4	4	2.22
WITHIN 1/4 MILE	8		1		9	9	5.00
WITHIN 1/2 MILE	5	3			8	8	4.44
WITHIN 3/4 MILE							
WITHIN 1 MILE	1	1	1		3	3	1.67
WITHIN 2 MILES	3	1	2		6	6	3.33
WITHIN 3 MILES	5				5	5	2.78
WITHIN 4 MILES	1		1		2	2	1.11
WITHIN 5 MILES	3		1		4	4	2.22
BEYOND 5 MILES	48	11		2	61	61	33.89
UNKNOWN/NOT REPORTED	3	2			5	5	2.78
RECORDS	147	25	6	2	180		
ACCIDENTS	147	25	6	2		180	
PERCENTS	81.7	13.9	3.3	1.1			



## ANALYTIC TABLE

## TYPE OF FLIGHT PLAN BY CONDITION OF LIGHT

TYPE OF FLIGHT PLAN	CONDITION OF LIGHT						RECORDS	ACCIDENTS	PERCENT
	DAWN	DAYLIGHT	DUSK (TWILIGHT)	NIGHT (DARK)	NIGHT (MOONLIGHT-BRIGHT)	UNKNOWN/NOT REPORTED			
NONE	2	58	1	14	2	1	78	78	43.33
VFR	4	36	4	5	2		51	51	28.33
IFR	2	14	4	18	1		39	39	21.67
CONTROLLED VFR									
IFR (VFR CONDITIONS ON TOP)									
TOWER EN ROUTE CONTROL SERVICE									
DVFR									
VFR FLIGHT FOLLOWING SERVICE									
SPECIAL VFR									
OTHER		8	1	1			10	10	5.56
UNKNOWN/NOT REPORTED		2					2	2	1.11
RECORDS	8	118	10	38	5	1	180		
ACCIDENTS	8	118	10	38	5	1		180	
PERCENTS	4.4	65.6	5.6	21.1	2.8	.6			

# ANALYTIC TABLE

## FIRST TYPE OF ACCIDENT BY AIRCRAFT DAMAGE

FIRST TYPE OF ACCIDENT	AIRCRAFT DAMAGE				RECORDS	ACCIDENTS	PERCENT
	DESTROYED	SUBSTANTIAL	MINOR	NONE			
GROUND-WATER LOOP-SWERVE	13				13	13	7.22
DRAKGED WINGTIP PDD OR FLOAT							
WHEELS-UP LANDING	5				5	5	2.78
WHEELS-DOWN LANDING IN WATER	1				1	1	.56
GEAR COLLAPSED	4	1			5	5	2.78
GEAR RETRACTED	3				3	3	1.67
HARD LANDING	8				8	8	4.44
NOSE OVER/DOWN	4				4	4	2.22
ROLL OVER	3	2			5	5	2.78
OVERSHOOT	2				2	2	1.11
UNDERSHOOT	4				4	4	2.22
<u>COLLISION BETWEEN AIRCRAFT</u>							
BOTH IN FLIGHT	1				1	1	.56
ONE AIRBORNE							
BOTH ON GROUND		1			1	1	.56
<u>COLLISION WITH GROUND/WATER</u>							
CONTROLLED	8	7			15	15	8.33
UNCONTROLLED	5	4			9	9	5.00
<u>COLLIDED WITH</u>							
WIRES/POLES		2			2	2	1.11
TREES	4	6	1		11	11	6.11
RESIDENCE/S							
BUILDING/S							
FENCE, FENCEPOSTS	1				1	1	.56
ELECTRONIC TOWERS							
RUNWAY OR APPROACH LIGHTS							
AIRPORT HAZARD							
ANIMALS							
CROP							
FLAGMAN LOADER							
DITCHES							
SNOWBANK	6				6	6	3.33
PARKED AIRCRAFT (UNATTENDED)							
AUTOMOBILE	1				1	1	.56
DIRT BANK	6				6	6	3.33
OTHER	2	7			9	9	5.00
BIRD STRIKE							

# ANALYTIC TABLE

## FIRST TYPE OF ACCIDENT BY AIRCRAFT DAMAGE

FIRST TYPE OF ACCIDENT	AIRCRAFT DAMAGE				RECORDS	ACCIDENTS	PERCENT
	DESTROYED	SUBSTANTIAL	MINOR	NONE			
<u>STALL</u>	3	2			5	5	2.78
SPIN							
SPIRAL		1			1	1	.56
MUSH	2	2			4	4	2.22
<u>FIRE OR EXPLOSION</u>							
IN FLIGHT	1	2			3	3	1.67
ON GROUND		1			1	1	.56
<u>AIRFRAME FAILURE</u>							
IN FLIGHT	4	1			5	5	2.78
ON GROUND		1			1	1	.56
ENGINE TEARAWAY							
ENGINE FAILURE OR MALFUNCTION	13	25			38	38	21.11
<u>PROPELLER/ROTOR FAILURE</u>							
PROPELLER		2			2	2	1.11
TAIL ROTOR							
MAIN ROTOR	1	1			2	2	1.11
PROP ROTOR ACDNT TO PERSON			2	2	4	4	2.22
JET INTAKE/EXH ACDNT 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	.56
MISCELLANEOUS/OTHER							
UNDETERMINED	1				1	1	.56
RECORDS	50	123	5	2	180		
ACCIDENTS	50	123	5	2		180	
PERCENTS	27.8	68.3	2.8	1.1			

# 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							
IDLING ENGINE/S		2			2	2	1.11
ENGINE RUNUP							
IDLING ROTORS		1			1	1	.56
PARKED-ENGINES NOT OPERATING							
OTHER							
<u>TAXI</u>							
TO TAKEOFF		1	4		5	5	2.78
FROM LANDING	1		8		9	9	5.00
OTHER			2		2	2	1.11
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		1	1	9	11	11	6.11
INITIAL CLIMB	6		3	6	15	15	8.33
VERTICAL		1	3	2	6	6	3.33
RUNNING (ROTORCRAFT/VTOL-STOL)			1		1	1	.56
ABORTED (FIXED-WING)		1		3	4	4	2.22
ABORTED (ROTORCRAFT/VTOL)							
ABORTED (ROTORCRAFT/STOL)							
OTHER							
<u>INFLIGHT</u>							
CLIMB TO CRUISE	4		1	6	11	11	6.11
NORMAL CRUISE	11	3	6	8	28	28	15.56
DESCENDING	1	1	5	1	8	8	4.44
HOLDING (IFR)							
HOVERING				1	1	1	.56
POWER-ON DESCENT (ROTORCRAFT)							
AUTOROTATIVE DESCENT							
ACROBATICS							
BUZZING			1		1	1	.56
UNCONTROLLED DESCENT	3				3	3	1.67

# ANALYTIC TABLE

## FIRST PHASE OF OPERATION BY INJURY INDEX

FIRST OPERATIONAL PHASE	INJURY INDEX				RECORDS	ACCIDENTS	PERCENT
	FATAL	SERIOUS	MINOR	NONE			
EMERGENCY DESCENT							
LOW PASS		1			1	1	.56
OTHER	1				1	1	.56
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	2	1		3	6	6	3.33
FINAL APPROACH (VFR)	2	1	2	4	9	9	5.00
INITIAL APPROACH							
FINAL APPROACH (IFR)	2	3	1		6	6	3.33
LEVEL OFF/TOUCHDOWN				15	15	15	8.33
ROLL (FIXED WING)				19	19	19	10.56
ROLL-ON/RUN-ON (ROTORCRAFT)							
POWER-ON LANDING (ROTORCRAFT)			3	5	8	8	4.44
POWER-OFF AUTOROTATIVE LDG							
GO-AROUND (VFR)	2	1		1	4	4	2.22
MISSED APPROACH (IFR)							
OTHER				1	1	1	.56
UNKNOWN/NOT REPORTED	2				2	2	1.11
RECORDS	36	18	28	98	180		
ACCIDENTS	36	18	28	98		180	
PERCENTS	20.0	10.0	15.6	54.4			

CAUSE/FACTOR TABLE  
ON-DEMAND AIR TAXI ACCIDENTS  
U.S. GENERAL AVIATION  
1977

(EXCLUDES ACCIDENTS WITHOUT CAUSAL ASSIGNMENT)

INVOLVES 171 TOTAL ACCIDENTS

INVOLVES 31 FATAL ACCIDENTS

BROAD CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL*	CAUSE	FACTOR	TOTAL*	CAUSE	FACTOR	TOTAL*
PILOT	27 87.10	2 6.45	27 87.10	98 70.00	8 5.71	98 70.00	125 73.10	10 5.85	125 73.10
PERSONNEL	4 12.90	4 12.90	8 25.81	23 16.43	5 3.57	27 19.29	27 15.79	9 5.26	35 20.47
AIRFRAME	.00	.00	.00	.00	.00	.00	.00	.00	.00
LANDING GEAR	.00	.00	.00	15 10.71	.00	15 10.71	15 8.77	.00	15 8.77
POWERPLANT	3 9.68	.00	3 9.68	21 15.00	2 1.43	22 15.71	24 14.04	2 1.17	25 14.62
SYSTEMS	1 3.23	.00	1 3.23	2 1.43	.00	2 1.43	3 1.75	.00	3 1.75
INSTRUMENTS/EQUIPMENT & ACCESSORIES	.00	.00	.00	.00	1 .71	1 .71	.00	1 .58	1 .58
ROTORCRAFT	.00	.00	.00	1 .71	.00	1 .71	1 .58	.00	1 .58
AIRPORT/AIRWAYS/FACILITIES	.00	.00	.00	2 1.43	12 8.57	14 10.00	2 1.17	12 7.02	14 8.19
WEATHER	.00	13 41.94	13 41.94	4 2.86	31 22.14	34 24.29	4 2.34	44 25.73	47 27.49
TERRAIN	1 3.23	7 22.58	8 25.81	8 5.71	25 17.86	33 23.57	9 5.26	32 18.71	41 23.98
MISCELLANEOUS	1 3.23	1 3.23	2 6.45	8 5.71	1 .71	9 6.43	9 5.26	2 1.17	11 6.43
UNDETERMINED	2 6.45	.00	2 6.45	.00	.00	.00	2 1.17	.00	2 1.17

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  
1977

(EXCLUDES ACCIDENTS WITHOUT CAUSAL ASSIGNMENT)

INVOLVES 171 TOTAL ACCIDENTS

INVOLVES 31 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		1	1
ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL	1		1				1		1
BECAME LOST/DISORIENTED	1		1	3	1	4	4	1	5
CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS	6		6	7	1	8	13	1	14
DELAYED ACTION IN ABORTING TAKEOFF				2		2	2		2
DELAYED IN INITIATING GO-AROUND				3		3	3		3
DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT				2		2	2		2
EXCEEDED DESIGN STRESS LIMITS OF AIRCRAFT	2		2				2		2
FAILED TO EXTEND LANDING GEAR				2		2	2		2
FAILED TO SEE AND AVOID OTHER AIRCRAFT	1		1				1		1
FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS				5		5	5		5
FAILED TO OBTAIN/MAINTAIN FLYING SPEED	4		4	4		4	8		8
MISJUDGED, SPEED, ALTITUDE OR CLEARANCE	1		1				1		1
FAILED TO MAINTAIN ADEQUATE ROTOR RPM				5		5	5		5
FAILED TO USE OR INCORRECTLY USED MISC EQUIPMENT				1		1	1		1
FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES ETC	2		2	3		3	5		5
IMPROPER OPERATION OF POWERPLANT + POWERPLANT CONTROLS				3		3	3		3
IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS				6		6	6		6
IMPROPER OPERATION OF FLIGHT CONTROLS	2		2	5		5	7		7
IMPROPER LEVEL OFF				4		4	4		4
IMPROPER IFR OPERATION	1		1	4		4	5		5
IMPROPER IN-FLIGHT DECISIONS OR PLANNING	6		6	11	2	13	17	2	19
IMPROPER COMPENSATION FOR WIND CONDITIONS				6		6	6		6
INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING	5	1	6	19	2	21	24	3	27
INADEQUATE SUPERVISION OF FLIGHT	1		1				1		1
LACK OF FAMILIARITY WITH AIRCRAFT		1	1		1	1		2	2
MISMANAGEMENT OF FUEL	1		1	11		11	12		12
EXERCISED POOR JUDGMENT	1		1	3	1	4	4	1	5
SELECTED UNSUITABLE TERRAIN	1		1	8		8	9		9
STARTED ENGINE WITHOUT PROPER ASSISTANCE/EQUIPMENT				2		2	2		2
INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS				1		1	1		1
MISJUDGED DISTANCE, SPEED, AND ALTITUDE	3		3	2		2	5		5
MISJUDGED DISTANCE AND SPEED				3		3	3		3
MISJUDGED DISTANCE AND ALTITUDE				2		2	2		2
MISJUDGED SPEED				1		1	1		1
MISJUDGED SPEED AND CLEARANCE	1		1	1		1	2		2
MISJUDGED ALTITUDE AND CLEARANCE				2		2	2		2
MISJUDGED ALTITUDE				1		1	1		1
MISJUDGED CLEARANCE				7		7	7		7
MISUNDERSTANDING OF ORDERS OR INSTRUCTIONS	1		1				1		1
IMPROPER RECOVERY FROM BOUNCED LANDING				2		2	2		2
INCAPACITATION	2		2				2		2
PHYSICAL IMPAIRMENT	1		1				1		1
SPATIAL DISORIENTATION	2		2	1		1	3		3
MISUSED OR FAILED TO USE FLAPS	1		1	1		1	2		2
FAILED TO MAINTAIN DIRECTIONAL CONTROL				7		7	7		7
SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND				1		1	1		1
FAILED TO ABORT TAKEOFF	1		1	1		1	2		2
FAILED TO INITIATE GO-AROUND	1		1	2	1	3	3	1	4
SUBTOTAL	49	2	51	154	10	164	203	12	215
COPILOT									
DELAYED IN INITIATING GO-AROUND	1		1				1		1
IMPROPER COMPENSATION FOR WIND CONDITIONS	1		1				1		1
MISMANAGEMENT OF FUEL				1		1	1		1
PHYSICAL IMPAIRMENT	1		1				1		1
SUBTOTAL	3		3	1		1	4		4
** PERSONNEL **									

## CAUSE/FACTOR TABLE

## PERSONNEL (CONTINUED)

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
FLIGHT INSTRUCTOR									
MAINTENANCE, SERVICING, INSPECTION									
IMPROPER MAINTENANCE(MAINTENANCE PERSONNEL)				2	1	3	2	1	3
INADEQUATE INSPECTION OF AIRCRAFT(MAINTENANCE PERSONNEL)	1		1	3		3	4		4
INADEQUATE INSPECTION OF ACFT(OWNER-PILOT PERSONNEL)					1	1		1	1
INADEQUATE MAINTENANCE AND INSPECTION	1		1	9		9	10		10
OPERATIONAL SUPERVISORY PERSONNEL									
FAILURE TO PROVIDE ADEQ DIRECTIVES, MANUALS, EQUIPMENT				1		1	1		1
DEFICIENCY, COMPANY MAINTAINED EOMT, SERV, REGULATIONS		1	1					1	1
WEATHER PERSONNEL									
INCORRECT WEATHER FORECAST		1	1					1	1
TRAFFIC CONTROL PERSONNEL									
ISSUED IMPROPER OR CONFLICTING INSTRUCTIONS		1	1					1	1
OTHER		1	1	1		1	1	1	2
AIRPORT SUPERVISORY PERSONNEL									
IMPROPER/INADEQUATE SNOW REMOVAL				1	1	2	1	1	2
AIRWAYS FACILITIES PERSONNEL									
PRODUCTION-DESIGN-PERSONNEL									
SUBSTANDARD QUALITY CONTROL				1		1	1		1
POOR/INADEQUATE DESIGN					1	1		1	1
MISCELLANEOUS-PERSONNEL									
PILOT OF OTHER AIRCRAFT	1		1		1	1	1	1	2
PASSENGER				3		3	3		3
DRIVER OF VEHICLE				1		1	1		1
OTHER	1		1	1	1	2	2	1	3
THIRD PILOT									
FLIGHT ENGINEER									
FLIGHT PERSONNEL									
DISPATCHING (AIR CARRIER ONLY)									
SUBTOTAL	4	4	8	23	6	29	27	10	37
** AIRFRAME **									
WINGS									
FUSELAGE									
LANDING GEAR									
MAIN GEAR-SHOCK ABSORBING ASSY, STRUTS, ATTACHMENTS, ETC				1		1	1		1
NORMAL RETRACTION/EXTENSION ASSEMBLY				5		5	5		5
EMERGENCY/EXTENSION ASSEMBLY				1		1	1		1
TAILWHEEL ASSEMBLIES				1		1	1		1
NOSEWHEEL ASSEMBLIES				1		1	1		1
WHEELS, TIRES, AXLES				1		1	1		1
BRAKING SYSTEM (NORMAL)				2		2	2		2
GEAR LOCKING MECHANISM				1		1	1		1
NOSEWHEEL STEERING				1		1	1		1
OTHER				2		2	2		2
FLIGHT CONTROL SURFACES									
SUBTOTAL				16		16	16		16
** POWERPLANT **									
ENGINE STRUCTURE									
CRANKCASE				1		1	1		1
CRANKSHAFT	1		1	2		2	3		3
MASTER AND CONNECTING RODS				1		1	1		1
CYLINDER ASSEMBLY				1		1	1		1
OTHER				1		1	1		1
IGNITION SYSTEM									
SPARK PLUG				1		1	1		1
LEADS				1		1	1		1
FUEL SYSTEM									
LINE AND FITTINGS	1		1	1		1	2		2
CARBURETOR				1		1	1		1
FUEL INJECTION SYSTEM	1		1				1		1
OTHER				1		1	1		1
LUBRICATING SYSTEM									
PUMP-PRESSURE				1		1	1		1
SEALS AND GASKETS				1		1	1		1
COOLING SYSTEM									
PROPELLER AND ACCESSORIES									
GOVERNORS				1		1	1		1
EXHAUST SYSTEM									
MANIFOLDS	1		1				1		1
STACKS				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 ACCESSORIES									
GENERATORS					1	1		1	1
ENGINE CONTROLS									
THROTTLE-POWER LEVER ASSEMBLIES				2		2	2		2
POWERPLANT-INSTRUMENTS									
FUEL QUANTITY GAUGE					1	1		1	1
MISCELLANEOUS									
POWERPLANT FAILURE FOR UNDETERMINED REASONS				4		4	4		4
REDUCTION GEAR ASSEMBLY									
COMPRESSOR ASSEMBLY									
BEARING, ROTOR SHAFT				1		1	1		1
COMBUSTION ASSEMBLY									
TURBINE ASSEMBLY									
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	4		4	23	2	25	27	2	29
** SYSTEMS **									
ELECTRICAL SYSTEM									
HYDRAULIC SYSTEM									
SEALS				1		1	1		1
OTHER				1		1	1		1
FLIGHT CONTROL SYSTEMS									
ANTI-ICING, DE-ICING SYSTEMS									
AIR CONDITION, HEATING AND PRESSURIZATION									
OTHER	1		1				1		1
AUTO PILOT									
FIRE WARNING SYSTEM									
FIRE EXTINGUISHER SYSTEM									
OXYGEN SYSTEM									
OTHER SYSTEMS									
SUBTOTAL	1		1	2		2	3		3
** INSTRUMENTS/EQUIPMENT AND ACCESSORIES **									
FLIGHT AND NAVIGATION INSTRUMENTS									
COMMUNICATIONS AND NAVIGATION EQUIPMENT									
ILS RECEIVERS					1	1		1	1
MISCELLANEOUS EQUIPMENT									
SUBTOTAL					1	1		1	1
** ROTORCRAFT **									
ROTOR ASSEMBLIES									
MAIN ROTOR HEAD ASSEMBLIES				1		1	1		1
TRANSMISSION ROTOR DRIVE SYSTEM									
FLIGHT CONTROL SYSTEMS									
MISCELLANEOUS UNITS AND ASSEMBLIES									
SUBTOTAL				1		1	1		1
** AIRPORTS/AIRWAYS/FACILITIES **									
AIRPORT FACILITIES									
RUNWAY LIGHTING				1	1	2	1	1	2
AIRPORT CONDITIONS									
WET RUNWAY				1	1	2	1	1	2

## 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
ICE/SLUSH ON RUNWAY					1	1		1	1
SNOW ON RUNWAY					5	5		5	5
SNOW WINDROWS					2	2		2	2
ICE/SLUSH ON RAMP/TAXIWAY					1	1		1	1
SOFT SHOULDERS (RAMP/TAXIWAY)					1	1		1	1
OTHER					3	3		3	3
AIRWAYS FACILITIES									
SUBTOTAL				2	15	17	2	15	17
** WEATHER **									
LOW CEILING		5	5		5	5		10	10
RAIN		3	3		1	1		4	4
FOG		7	7		11	11		18	18
SNOW		1	1		5	5		6	6
HAIL		1	1					1	1
ICING CONDITIONS-INCLUDES SLEET, FREEZING RAIN, ETC		2	2		1	1		3	3
CONDITIONS CONDUCTIVE TO CARB/INDUCTION SYSTEM ICING					1	1		1	1
UNFAVORABLE WIND CONDITIONS		2	2		8	9		10	11
SUDDEN WINDSHIFT				1	1	3	2	1	3
DOWNDRAFTS, UPDRAFTS		2	2	1	4	5	1	6	7
HIGH TEMPERATURE					1	1		1	1
OBSTRUCTIONS TO VISION		1	1					1	1
HIGH DENSITY ALTITUDE					8	8		8	8
THUNDERSTORM ACTIVITY		3	3					3	3
SUBTOTAL		27	27	4	46	50	4	73	77
** TERRAIN **									
WET, SOFT GROUND					1	1		1	1
SNOW-COVERED					4	4		4	4
HIGH VEGETATION				1	1	2	1	1	2
HIDDEN OBSTRUCTIONS				1	2	3	1	2	3
ROUGH/UNEVEN				3	5	8	3	5	8
ROUGH WATER					1	1		1	1
GLASSY WATER					1	1		1	1
HIGH OBSTRUCTIONS	1	7	8	2	9	11	3	16	19
LOOSE GRAVEL		1	1		1	1		2	2
SANDY					1	1		1	1
OTHER				1	2	3	1	2	3
SUBTOTAL	1	8	9	8	28	36	9	36	45
** MISCELLANEOUS **									
FOREIGN OBJECT DAMAGE				1		1	1		1
SMOKE IN COCKPIT					1	1		1	1
FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS	1		1	3		3	4		4
UNDETERMINED	2		2				2		2
BIRD COLLISION				1		1	1		1
VORTEX TURBULENCE				1		1	1		1
EVASIVE MANEUVER TO AVOID COLLISION		1	1	2		2	2	1	3
SUBTOTAL	3	1	4	8	1	9	11	2	13
GRAND TOTAL	65	42	107	242	109	351	307	151	458
** MISCELLANEOUS ACTS, CONDITIONS **									
PREVIOUS DAMAGE				1	1	2	1	1	2
LEAK/LEAKAGE	1		1	2	1	3	3	1	4
LOW COMPRESSION				1		1	1		1
DOWNDRAFT					4	4		4	4
CARBON DEPOSITS				1		1	1		1
LANDED IN CONSTRUCTION AREA				1		1	1		1
LOOSE, PART/FITTING				1		1	1		1
GROUNDING				1		1	1		1
IMPROPERLY INSTALLED					1	1		1	1
JAMMED				1	1	2	1	1	2
OBSTRUCTED	1		1				1		1
PRESSURE TOO LOW				1		1	1		1
EXCESSIVE TEMPERATURE	1		1				1		1
FIRE IN WING	1		1		1	1	1	1	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
LOAD NOT JETTISONED				1		1	1		1
INTENTIONAL GROUND-WATER LOOP-SWERVE				1		1	1		1
INTENTIONAL WHEELS UP				1		1	1		1
RAN OFF END OF RUNWAY					3	3		3	3
IMPROPER EMERGENCY PROCEDURES	1		1	1		1	2		2
FEATHERED WRONG ENGINE	1		1				1		1
UNWARRANTED LOW FLYING	1		1		1	1	1	1	2
INATTENTIVE TO FUEL SUPPLY				1		1	1		1
FLEW INTO BLIND CANYON	1	1	2	1		1	2	1	3
POORLY PLANNED APPROACH		1	1	1	1	2	1	2	3
MISCALCULATED FUEL CONSUMPTION	1		1				1		1
IMPROPERLY SECURED				1		1	1		1
FATIGUE FRACTURE	3		3	2		2	5		5
HYDRAULIC FAILURE				1		1	1		1
THRUST REVERSAL-ASYMETRICAL					1	1		1	1
WINDSHIELD, DIRTY, FOGGY, ETC-RESTRICTED VISION					1	1		1	1
IMPROPER ALIGNMENT/ADJUSTMENT	1		1	3	1	4	4	1	5
FAILURE OF TWO OR MORE ENGINES				1	1	2	1	1	2
SEPARATION IN FLIGHT					2	2		2	2
FIRE IN ENGINE				2		2	2		2
PILOT FATIGUE	1		1		3	3	1	3	4
FUEL EXHAUSTION	1		1	10		10	11		11
FUEL CONTAMINATION-EXCLUSIVE OF WATER IN FUEL	1		1				1		1
ICE-IN FUEL				1		1	1		1
AIRFRAME ICE		1	1		1	1		2	2
ICE-WINDSHIELD					1	1		1	1
IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR CG	1	1	2	1	2	3	2	3	5
INTERFERENCE WITH FLIGHT CONTROLS				1		1	1		1
WHITEOUT				2	2	4	2	2	4
SUNGLARE		1	1					1	1
LACK OF LUBRICATION-SPECIFIC PART, NOT SYSTEM				1		1	1		1
OIL EXHAUSTION-ENGINE LUBRICATION SYSTEM				1		1	1		1
FUEL SIPHONING				1		1	1		1
AIRCRAFT CAME TO REST IN WATER		3	3		6	6		9	9
MISSING				1		1	1		1
HYDROPLANING ON WET RUNWAY				1		1	1		1
OVERLOAD FAILURE		2	2	1	12	13	1	14	15
MATERIAL FAILURE				15		15	15		15
FUEL STARVATION	1		1	4		4	5		5
OIL STARVATION				2		2	2		2

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  
1977  
(IN FILE ORDER SEQUENCE)

FILE NUMBER -----	AIRCRAFT REGIST. -----	DATE -----	LOCATION -----	AIRCRAFT MAKE ----	MODEL -----	INJURY INDEX -----
3 0089	N3528W	012477	HAMILTON, OH	PIPER	PA-32	NONE
3 0110	N7510L	021077	ITHACA, NY	PIPER	PA-31	NONE
3 0149	N707FY	020677	CIRCLE HOT SPG, AK	CESSNA	207	NONE
3 0150	N625Q	022177	ALEXANDER CRK, AK	CESSNA	206	NONE
3 0151	N1981U	012377	FALSE PASS, AK	CESSNA	206	NONE
3 0153	N1750R	030277	NBIG DELTA, AK	CESSNA	185	NONE
3 0154	N1828R	012677	NMEKORYUK, AK	CESSNA	185	NONE
3 0156	N15364	021577	NEW TOK, AK	PIPER	PA-32	SERIOUS
3 0203	N91304	020677	RED DEVIL, AK	CESSNA	180	NONE
3 0215	N40219	021077	BROCKPORT, NY	PIPER	PA-23	NONE
3 0243	N484G	020277	MORO, OR	PIPER	PA-23	FATAL
3 0248	N1730R	011777	NANIAK, AK	CESSNA	185	NONE
3 0249	N9965L	030477	TYONEK, AK	BEECH	G18S	NONE
3 0266	N9929K	030377	PRESTONBURG, KY	BELL	206B	MINOR
3 0293	N32670	022277	WHITE RIVER, AZ	PIPER	PA-32	NONE
3 0304	N33214	030277	PAMPA, TX	CESSNA	U206F	NONE
3 0306	N81FA	030377	ADDISON, TX	DEHAVILLAND	104	NONE
3 0316	N7810Q	012877	SILVER CITY, NM	CESSNA	402A	NONE
3 0327	N67077	031177	NCOLDFOOT AK	AEROSPATIAL	SA-318	NONE
3 0387	N732JP	010377	NJAROSO, CO	CESSNA	T210L	NONE
3 0479	N208DP	011977	NALPINE, WY	HILLER ACFT	FH1100	NONE
3 0544	N72106	040477	NFLAT, AK	CESSNA	U206D	NONE

LISTING OF ON-DEMAND AIR TAXI ACCIDENTS  
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FILE NUMBER -----	AIRCRAFT REGIST. -----	DATE ----	LOCATION -----	AIRCRAFT MAKE ----	MODEL -----	INJURY INDEX -----
3 0568	N8538Q	042477	BETHEL, AK	CESSNA	206F	MINOR
3 0621	N7837S	041777	SOUR LAKE, TX	BELL	206B	NONE
3 0622	N4781U	041477	MCCALL, ID	CESSNA	180H	SERIOUS
3 0638	N200BB	010677	NMORGAN CITY, LA	BOLKOW	B0105C	FATAL
3 0659	N8111	013177	BOSTON, MA	BEECH	E18S	NONE
3 0666	N4090L	020377	BENNINGTON, VT	CESSNA	402	NONE
3 0675	N9633R	012077	YOUNGSTOWN, OH	BEECH	G18S	NONE
3 0710	N14824	021877	ATLANTA, GA	BELL	206B	SERIOUS
3 0727	N87275	020777	PEORIA, IL	CESSNA	402A	NONE
3 0731	N1567U	041577	WAUSAU, WI	CESSNA	207	NONE
3 0767	N6274B	042177	MIAMI, FL	AERO COMDR	500	NONE
3 0770	N4530Q	031777	MADISON, MS	CESSNA	402	MINOR
3 0792	N65AL	042277	NLEEVILLE, LA	BELL	206B	SERIOUS
3 0797	N414R	050677	NDURANT, OK	BEECH	95-55	MINOR
3 0806	N7468L	041877	NBETHEL, AK	PIPER	PA-18	MINOR
3 0807	N22131	042177	CENTRAL CREEK, AK	CESSNA	185	NONE
3 0812	N6498L	012777	DALLAS, TX	PIPER	PA-31	NONE
3 0871	N4522T	012477	TERRE HAUTE, IN	PIPER	PA-34	NONE
3 0876	N4831U	011077	CHARLESTON, SC	CESSNA	205	NONE
3 0903	N7404L	042877	GRAND RAPIDS, MI	PIPER	PA-31	NONE
3 0919	N11LH	053177	NOATAK, AK	BEECH	H-18	NONE
3 0967	N12MK	010677	NPALM SPRINGS, CA	LEAR JET	24B	FATAL

LISTING OF ON-DEMAND AIR TAXI ACCIDENTS  
U.S. GENERAL AVIATION  
1977  
(IN FILE ORDER SEQUENCE)

FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
-----	-----	----	-----	----	-----	-----
3 0978	N33723	041577	PRESQUE ISLE, ME	PIPER	PA-34	NONE
3 1085	N1623X	061477	NFARMINGTON, NM	CESSNA	210	NONE
3 1092	N1618M	062277	NHOMER, AK	CESSNA	185	NONE
3 1139	N48325	042077	OSBORNE, KS	CESSNA	320C	NONE
3 1153	N48091	052777	NMORGAN CITY, LA	CESSNA	180F	SERIOUS
3 1194	N152BB	062077	NCAMERON, LA	BOLKOW	BO-105	NONE
3 1250	N91073	033077	ATLANTA, GA	CESSNA	207	FATAL
3 1269	N91059	061377	NSHISHMAREF, AK	CESSNA	207	MINOR
3 1308	N33373	061377	RALEIGH, NC	PIPER	PA-32	SERIOUS
3 1371	N62345	062277	NJACKSON, WY	AEROSPATIAL	SA315B	SERIOUS
3 1490	N6039S	050277	KNOXVILLE, TN	BEECH	58P	SERIOUS
3 1557	N3253R	072077	PARAGOULD, AR	CESSNA	411	MINOR
3 1562	N3345L	053177	HOUMA, LA	CESSNA	185	FATAL
3 1612	N30ST	051877	PORT ALEXANDER, AK	DEHAVILLAND	DHC-2	NONE
3 1651	N521BK	011677	NEW MINTO, AK	DEHAVILLAND	DHC-3	NONE
3 1723	N6711M	071577	CODY, WY	CESSNA	T210M	NONE
3 1751	N3574Y	060977	GREENSBORO, NC	CESSNA	182	NONE
3 1753	N41941	030877	CHARLOTTE, NC	PIPER	PA-34	NONE
3 1764	N1153H	052677	BRIDGEPORT, WV	PIPER	PA-34	FATAL
3 1797	N8406E	062777	NSO LAKE TAHOE, CA	BELL	47G-2	MINOR
3 1805	N4046G	021777	NJAYUYA, PR	BELL	206-A	FATAL
3 1821	N979B	062577	NASH SPRINGS, NV	BELL	47SG	NONE

LISTING OF ON-DEMAND AIR TAXI ACCIDENTS  
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FILE NUMBER -----	AIRCRAFT REGIST. -----	DATE -----	LOCATION -----	AIRCRAFT MAKE -----	MODEL -----	INJURY INDEX -----
3 1874	N4004G	082477	NLAFAYETTE, LA	BELL	47G-4A	MINOR
3 2016	N2363B	040177	TALLAHASSEE, FL	AERO COMDR	520	NONE
3 2069	N9228K	072577	BERNARD CREEK, ID	PIPER	PA-32R	FATAL
3 2072	N92PF	080377	KLAMATH FALLS, OR	CESSNA	210L	MINOR
3 2089	N2418F	080877	NMCCARTHY, AK	CESSNA	180	NONE
3 2090	N3359L	080477	NKETCHIKAN, AK	CESSNA	185E	NONE
3 2091	N80386	071177	GOLOVIN, AK	BEECH	E18S	NONE
3 2092	N380EH	052877	NEAGLE, AK	BELL	206B	NONE
3 2095	N5519Y	040677	NSAN JUAN, PR	PIPER	PA-23	MINOR
3 2116	N5928S	032377	LUTESVILLE, MO	BEECH	V-35	NONE
3 2138	N3351L	052777	NEW YORK, NY	CESSNA	185	NONE
3 2147	N83005	020877	PHILADELPHIA, PA	BELL	206B	NONE
3 2174	N337RH	073177	RUBICON SPRING, CA	BELL	47G3B1	MINOR
3 2197	N91476	091677	HOUMA, LA	CESSNA	180F	NONE
3 2229	N69584	061677	W. LAFAYETTE, IN	CESSNA	3100	NONE
3 2253	N152JB	032577	DETROIT, MI	BEECH	E18S	NONE
3 2309	N4690C	072277	SALTAIRE, NY	CESSNA	185F	NONE
3 2332	N8579F	091777	BRANSON, MO	BELL	47J	MINOR
3 2383	N7555Y	081277	MONTGOMERY, AL	PIPER	PA-30	NONE
3 2390	N3109G	071877	NPANAMA CITY, FL	BELL	47D1	MINOR
3 2470	N5107E	061277	OAK ISLAND, MN	CESSNA	180	NONE
3 2506	N4569F	082977	PATTEN, ME	CESSNA	A185E	MINOR

LISTING OF ON-DEMAND AIR TAXI ACCIDENTS  
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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 2590	N6058V	072577	CHARLESTON, SC	LAKE	LA-4	NONE
3 2597	N114V	082577	LINCOLN, IL	BEECH	C-45G	NONE
3 2601	N8437F	092977	INDIANAPOLIS, IN	CESSNA	402	NONE
3 2613	N32174	080977	HUNTINGBURG, IN	PIPER	PA-34	NONE
3 2795	N7937J	090177	NMISSOULA, MT	BELL	47G3B2	NONE
3 2797	N8396F	091177	ETNA, WY	HUGHES	369D	NONE
3 2798	N442JA	020377	STEPOVAK BAY, AK	SWEARINGEN	SA226T	SERIOUS
3 2834	N62900	062377	SPRINGFIELD, MO	CESSNA	421B	NONE
3 2884	N7433S	090977	DALLAS, TX	AEROSTAR	601	NONE
3 2982	N99798	090277	NMINTO LAKE, AK	HELIO	295	FATAL
3 3029	N92650	081277	PARKERSBURG, WV	BEECH	58	FATAL
3 3086	N92480	090977	ARLINGTON, TX	BEECH	B55	NONE
3 3113	N423X	012077	FT YUKON, AK	MAULE	M5	MINOR
3 3184	N2250L	101377	MEREDITH, NY	BEECH	C24R	MINOR
3 3203	N240E	092177	PINE BLUFF, AR	BEECH	D18S	NONE
3 3211	N90760	101077	NINTRACOASTAL, LA	BOLKOW	BO-105	MINOR
3 3232	N30676	092877	NCRESTONE, CO	BELL	47G3B1	NONE
3 3233	N8062Z	081177	NENGLE, NM	CESSNA	U206	FATAL
3 3257	N127WA	081277	COFFMAN COVE, AK	DEHAVILLAND	DHC-2	NONE
3 3263	N72018	080177	TATITLEK, AK	CESSNA	206E	NONE
3 3280	N120ZZ	110177	CLEVELAND, OH	BEECH	G-18S	NONE
3 3307	N1718U	061477	NVINEYARD HAVEN, MA	CESSNA	207	SERIOUS



LISTING OF ON-DEMAND AIR TAXI ACCIDENTS  
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3 3392	N64391	100177	STEVENS PASS,WA	DEHAVILLAND	DHC-2	FATAL
3 3400	N800WA	072077	GALENA,AK	VOLPAR	H18	NONE
3 3452	N979SB	082277	CATALINA IS,CA	BEECH	E18S	FATAL
3 3475	N49575	090477	HIGHTSTOWN,NJ	BELL	206L	MINOR
3 3482	N830CC	102677	EBENSBURG,PA	BEECHCRAFT	B58	MINOR
3 3534	N9900F	082577	CLOVIS,NM	CESSNA	402	NONE
3 3543	N6390	073177	NWILSON,WY	AEROSPATIAL	SA315B	MINOR
3 3604	N11700	082677	NBETHEL,AK	CESSNA	206	NONE
3 3609	N9300Z	070177	NMULCHATNA RIV,AK	DEHAVILLAND	DHC-2	SERIOUS
3 3614	N48064	080477	NBETTLES,AK	DEHAVILLAND	DHC-3	FATAL
3 3639	N45590	102777	MADISONVILLE,KY	CESSNA	402A	SERIOUS
3 3640	N200HM	121177	NBUCKHANNON,WV	PIPER	PA-32R	NONE
3 3659	N7670L	081977	MODESTO,CA	PIPER	PA-31P	FATAL
3 3669	N1452M	092377	NSALIDA,CO	CESSNA	U206	FATAL
3 3686	N3860G	120277	GEORGETOWN,TX	CESSNA	U206B	NONE
3 3693	N4974C	090777	BETTLES,AK	CESSNA	A185F	FATAL
3 3694	N59382	082077	NDEADHORSE,AK	BELL	206-B	FATAL
3 3699	N4074R	070877	NEGEGIK,AK	PIPER	PA-32	NONE
3 3724	N406CA	072077	CHEEKTOWAGA,NY	PIPER	PA-31	FATAL
3 3749	N60566	112877	NCAMP VERDE, AZ	CESSNA	U206F	NONE
3 3759	N9047M	122377	MARSH ISLAND,LA	CESSNA	180	NONE
3 3767	N116MM	122277	GIDDINGS,TX	PIPER	PA-28R	FATAL

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FILE NUMBER -----	AIRCRAFT REGIST. -----	DATE ----	LOCATION -----	AIRCRAFT MAKE ----	MODEL -----	INJURY INDEX -----
3 3804	N3532C	083077	GOLOVIN,AK	CESSNA	170B	NONE
3 3807	N7353Q	092177	AFOGNAK ISL,AK	CESSNA	U206F	NONE
3 3810	N6923T	082477	CREVICE CREEK,AK	CESSNA	310-D	NONE
3 3812	N9657P	091677	NHOMER,AK	PIPER	PA-18	NONE
3 3814	N55030	091477	PORT ALSWORTH,AK	PIPER	PA-28R	NONE
3 3840	N79041	111377	PROVIDENCE,RI	CESSNA	172	NONE
3 3857	N2874G	121777	HONOLULU,HI	BEECH	C45G	MINOR
3 3861	N4730S	120877	NINTRACSTL CITY,LA	S.N.I.A.S.	SA330J	FATAL
3 3862	N157AL	101077	NGRAND CHENIER,LA	BELL	206B	FATAL
3 3891	N332PC	010677	FLINT,MI	LEAR JET	23	FATAL
3 3895	N1906T	102277	NCORONA,NM	PIPER	PA-23	FATAL
3 3896	N55VM	102077	GILLSBURG,MS	CONVAIR	240	FATAL
3 3901	N3131W	121777	CHICAGO,IL	BEECH	E18S	SERIOUS
3 3906	N9273Y	110377	MANITOWOC,WI	PIPER	PA-31	SERIOUS
3 3930	N1731G	121577	HUDSON,NY	CESSNA	310	NONE
3 3952	N3078L	110877	ROME,GA	CESSNA	310J	NONE
3 3975	N91048	101377	ATLANTA,GA	CESSNA	207	NONE
3 3995	N310AW	120177	SAGINAW,MI	CESSNA	310P	NONE
3 4006	N125TF	083177	YPSILANTI,MI	BEECH	C-45H	MINOR
3 4032	N121MB	122877	RAEFORD,NC	PIPER	PA-32	MINOR
3 4075	N7089C	123077	WENATCHEE,WA	PIPER	PA-34	FATAL
3 4076	N1022F	120677	SEATTLE,WA	CESSNA	185F	NONE

LISTING OF ON-DEMAND AIR TAXI ACCIDENTS  
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3 4079	N35W	052077	QUINHAGAK, AK	BEECH	D18S	NONE
3 4080	N22JA	072177	NRUBY, AK	BRITTNORMAN	BN-2H	FATAL
3 4086	N94276	090577	SHEEBO LAKE, AK	CESSNA	185F	NONE
3 4087	N403EH	113077	DEADHORSE, AK	BELL	206-L	MINOR
3 4090	N67971	110377	ST THOMAS, VI	CURTIS-WRT	C-46	NONE
3 4093	N51071	121377	EVANSVILLE, IN	DOUGLAS	DC-3	FATAL
3 4102	N5052F	091177	NSPARREVOHN AFS, AK	HILLER ACFT	1100	NONE
3 4112	N8286	111477	BEMIDJI, MN	HILLER	UH-12E	NONE
3 4128	N2351S	111477	NVANCOUVER, WA	CESSNA	T337B	SERIOUS
3 4137	N18845	121977	NANCHOR POINT, AK	HILLER ACFT	FH1100	FATAL
3 4141	N342T	122077	COVINGTON, KY	HAMILTON	E18S	NONE
3 4142	N29161	110177	ODESSA, MO	CESSNA	210L	FATAL
3 4146	N1656U	122377	NILIAMNA, AK	CESSNA	207	MINOR
3 4148	N64AC	123177	TOKSOOK BAY, AK	SHORT BROS	SC-7	SERIOUS
3 4157	N69338	092977	MERCER, PA	CESSNA	402B	FATAL
3 4165	N1634H	121477	DAVENPORT, IA	PIPER	PA-34	FATAL
3 4176	N404SA	122277	NBUFFALO, NY	CESSNA	404	FATAL
3 4181	N9119Y	022377	WORTHINGTON, OH	PIPER	PA-31	SERIOUS
3 4213	N3154X	012777	NBETTLES, AK	CESSNA	207	MINOR
3 4215	N1592F	082977	BARROW, AK	CESSNA	185	NONE
3 4229	N90754	060777	NINTRACSTL CY, LA	BOLKOW	BO-105	MINOR
3 4230	N90071	031777	NINTRACSTL CY, LA	BELL	206B	FATAL

LISTING OF ON-DEMAND AIR TAXI ACCIDENTS  
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3 4240	N3754Q	092477	FARMERSBURG, IN	BEECH	95-C55	FATAL
3 4245	N7584	070177	PUT-IN-BAY, OH	FORD	4-AT-B	SERIOUS
3 4246	N177HC	020377	NECEDAH, WI	BEECH	58	FATAL
3 4254	N99275	101677	FLAT ROCK, MI	SIKORSKY	S-58E	NONE

NATIONAL TRANSPORTATION SAFETY BOARD  
 WASHINGTON, D. C. 20594  
 BRIEFS OF ON-DEMAND AIR TAXI ACCIDENTS  
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 1977  
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2383	8/12/77 TIME - 0030	MONTGOMERY, AL	PIPER PA-30 N7555Y DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	AIRLINE TRANSPORT, AGE 30, 2640 TOTAL HOURS, 64 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - DANNELLY		INTENDED DESTINATION				
DEPARTURE POINT		MONTGOMERY, AL				
BIRMINGHAM, AL					PHASE OF OPERATION	
TYPE OF ACCIDENT					LANDING LEVEL OFF/TOUCHDOWN	
WHEELS-UP						
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
3-1651	1/16/77 TIME - 1155	NEW MINTO, AK	DEHAVILLAND DHC-3 N521BK DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 28, 4374 TOTAL HOURS, 404 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - NEW MINTO DEPARTURE POINT INTENDED DESTINATION NEW MINTO, AK FAIRBANKS, AK TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION TAKEOFF INITIAL CLIMB COLLISION WITH GROUND/WATER CONTROLLED TAKEOFF ABORTED  PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION INADEQUATE MAINTENANCE AND INSPECTION POWERPLANT - ENGINE STRUCTURE MASTER AND CONNECTING RODS MISCELLANEOUS ACTS, CONDITIONS - OIL STARVATION MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE TERRAIN - ROUGH/UNEVEN FACTOR(S) POWERPLANT - ENGINE ACCESSORIES GENERATORS MISCELLANEOUS ACTS, CONDITIONS - IMPROPERLY INSTALLED MISCELLANEOUS ACTS, CONDITIONS - LEAK/LEAKAGE PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- ALL GEN BASE NUTS LOOSE, LEAKAGE FM GEN BASE. MASTER ROD FAILED.						
3-0248	1/17/77 TIME - 1100	NR. ANIAK, AK	CESSNA 185 N173OR DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-CARGO	AIRLINE TRANSPORT, AGE 46, 12466 TOTAL HOURS, 900 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION BETHEL, AK UNKNOWN/NOT REPORTED TYPE OF ACCIDENT PHASE OF OPERATION GROUND-WATER LOOP-SWERVE LANDING ROLL  PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - DOWNWIND REMARKS- WND GUSTING 20K. WING HIT GND.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3113	1/20/77 TIME - 1620	FT YUKON, AK	MAULE M5 N423X DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 26, 2000 TOTAL HOURS, 90 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT FT YUKON, AK TYPE OF ACCIDENT COLLIDED WITH TREES	INTENDED DESTINATION RETURN		LAST ENROUTE STOP RAMPART, AK PHASE OF OPERATION IN FLIGHT NORMAL CRUISE		
	PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - ICE-WINDSHIELD WEATHER - FOG WEATHER - ICING CONDITIONS-INCLUDES SLEET, FREEZING RAIN, ETC. WEATHER BRIEFING - UNKNOWN/NOT REPORTED  SKY CONDITION OVERCAST VISIBILITY AT ACCIDENT SITE 3 MILES OR LESS OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG TYPE OF WEATHER CONDITIONS VFR REMARKS- FLEW INTO BUSHES IN NEAR LEVEL ATTITUDE.					
				CEILING AT ACCIDENT SITE 1000 PRECIPITATION AT ACCIDENT SITE NONE TEMPERATURE-F 0 TYPE OF FLIGHT PLAN VFR		
3-0151	1/23/77 TIME - UNK/NR	FALSE PASS, AK	CESSNA 206 N1981U DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 30, 1010 TOTAL HOURS, 30 IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIRPORT - FALSE PASS DEPARTURE POINT SAND POINT, AK TYPE OF ACCIDENT UNDERSHOOT COLLIDED WITH OBJECT	INTENDED DESTINATION FALSE PASS, AK		PHASE OF OPERATION LANDING FINAL APPROACH LANDING FINAL APPROACH		
	PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE FACTOR(S) PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT REMARKS- A/C STRUCK BARREL					

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0154	1/26/77 TIME - 1540	NR.MEKORYUK,AK	CESSNA 185 N1828R DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 31, 3276 TOTAL HOURS, 800 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT BETHEL,AK TYPE OF ACCIDENT HARD LANDING	INTENDED DESTINATION MEKORYUK,AK		PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN		
	PROBABLE CAUSE(S) PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN FACTOR(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING TERRAIN - ROUGH/UNEVEN EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT ADVERSE/UNFAVORABLE WEATHER REMARKS- PLT THOUGHT SELECTED LNDG AREA WAS FROZEN LAKE. IT TURNED OUT TO BE FROZEN UNEVEN TUNDRA.					
3-4213	1/27/77 TIME - 1030	NR.BETTLES,AK	CESSNA 207 N3154X DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 30, 4313 TOTAL HOURS, 426 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT BETTLES,AK TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	INTENDED DESTINATION RETURN	LAST ENROUTE STOP ANAKTUVAK,AK PHASE OF OPERATION IN FLIGHT DESCENDING			
	PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - BECAME LOST/DISORIENTED FACTOR(S) WEATHER - LOW CEILING WEATHER - FOG WEATHER - SNOW WEATHER BRIEFING - UNKNOWN/NOT REPORTED WEATHER FORECAST - UNKNOWN/NOT REPORTED EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT SUSPECTED MECHANICAL DISCREPANCY					
	SKY CONDITION UNKNOWN/NOT REPORTED VISIBILITY AT ACCIDENT SITE 5 OR OVER(UNLIMITED) OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG TYPE OF WEATHER CONDITIONS IFR		CEILING AT ACCIDENT SITE 1000 PRECIPITATION AT ACCIDENT SITE SNOW TEMPERATURE-F 20 TYPE OF FLIGHT PLAN VFR			



## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2798	2/3/77 TIME - 2030	STEPOVAK BAY, AK	SWEARINGEN SA226T N442JA DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 1 12	COMMERCIAL AIR TAXI-PASSG	ATP, FLIGHT INSTR., AGE 37, 6500 TOTAL HOURS, 305 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - BIG RIVER DEPARTURE POINT STEPOVAK BAY, AK INTENDED DESTINATION KING SALMON, AK TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE GEAR COLLAPSED  PROBABLE CAUSE(S) AIRFRAME - LANDING GEAR NOSEWHEEL STEERING FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE						
3-0203	2/6/77 TIME - 1630	RED DEVIL, AK	CESSNA 180 N91304 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 26, 2900 TOTAL HOURS, 250 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT BETHEL, AK INTENDED DESTINATION RED DEVIL, AK TYPE OF ACCIDENT COLLIDED WITH SNOWBANK NOSE OVER/DOWN  PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN FACTOR(S) TERRAIN - ROUGH/UNEVEN						
3-0149	2/6/77 TIME - 1600	CIRCLE HOT SPG, AK	CESSNA 207 N707FY DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 6	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL. INSTR., AGE 25, 1868 TOTAL HOURS, 81 IN TYPE, NOT INSTRU- MENT RATED.
NAME OF AIRPORT - CIRCLE HOT SPRING DEPARTURE POINT CIRCLE HOT SPG, AK INTENDED DESTINATION FORT YUKON, AK TYPE OF ACCIDENT COLLIDED WITH SNOWBANK GROUND-WATER LOOP-SWERVE  PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED CLEARANCE PILOT IN COMMAND - EXERCISED POOR JUDGMENT FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - WHITEOUT REMARKS- PLT ELECTED TO T/O FROM RT SIDE OF RWY IN ORDER TO MAINTAIN BERM IN SIGHT FOR ALIGNMENT.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0156	2/15/77 TIME - 1130	NEW TOK,AK	PIPER PA-32 N15364 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 1 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 25, 2983 TOTAL HOURS, 39 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT CHEVAK,AK	INTENDED DESTINATION NIGHTMUTE,AK			PHASE OF OPERATION IN FLIGHT NORMAL CRUISE	
	TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	CONTROLLED				
	PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE					
	FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - WHITEOUT					
3-0150	2/21/77 TIME - 1600	ALEXANDER CRK,AK	CESSNA 206 N6250 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 42, 9200 TOTAL HOURS, 350 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - ALEXANDER CREEK DEPARTURE POINT ANCHORAGE,AK	INTENDED DESTINATION ALEXANDER CRK,AK			PHASE OF OPERATION TAXI FROM LANDING	
	TYPE OF ACCIDENT COLLIDED WITH TREES					
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL PILOT IN COMMAND - EXERCISED POOR JUDGMENT					
	FACTOR(S) TERRAIN - OTHER WEATHER - UNFAVORABLE WIND CONDITIONS					
	SKY CONDITION UNKNOWN/NOT REPORTED				CEILING AT ACCIDENT SITE 4000	
	VISIBILITY AT ACCIDENT SITE 5 OR OVER(UNLIMITED)				PRECIPITATION AT ACCIDENT SITE NONE	
	OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE				TEMPERATURE-F 40	
	TYPE OF WEATHER CONDITIONS VFR				TYPE OF FLIGHT PLAN NONE	
	REMARKS- SNOW AND SLUSH ON RWY.					

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0153	3/2/77 TIME - 1000	NR. BIG DELTA, AK	CESSNA 185 N1750R DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 28, 3777 TOTAL HOURS, 319 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT FAIRBANKS, AK	INTENDED DESTINATION BIG DELTA, AK	PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN		
		TYPE OF ACCIDENT GEAR COLLAPSED				
PROBABLE CAUSE(S) PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN						
FACTOR(S) TERRAIN - SNOW-COVERED TERRAIN - HIDDEN OBSTRUCTIONS						
REMARKS- PLT LNDD ON SNOW COVERED RIVER. RT SKI DUG INTO SNOW AND HIT LOG.						
3-0249	3/4/77 TIME - 1400	TYONEK, AK	BEECH G18S N9965L DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL. INSTR., AGE 43, 2690 TOTAL HOURS, 360 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - TYONEK DEPARTURE POINT ANCHORAGE, AK	INTENDED DESTINATION TYONEK, AK	PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN LANDING GO-AROUND		
		TYPE OF ACCIDENT OVERSHOOT COLLIDED WITH SNOWBANK				
PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND						
FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS ICE/SLUSH ON RUNWAY EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT PROP/ENGINE VIBRATION						
REMARKS- RUTS IN ICE.						
3-0327	3/11/77 TIME - 1115	NR. COLDFOOT AK	AEROSPATIAL SA-318 N67077 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 29, 3100 TOTAL HOURS, 1500 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT COLDFOOT AK	INTENDED DESTINATION RETURN	LAST ENROUTE STOP FIELD SITE		
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER UNCONTROLLED		PHASE OF OPERATION TAKEOFF VERTICAL		
PROBABLE CAUSE(S) PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL FAILURE TO PROVIDE ADEQ. DIRECTIVES, MANUAL, EQUIPMENT MISCELLANEOUS ACTS, CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G. MISCELLANEOUS ACTS, CONDITIONS - LOAD NOT JETTISONED						
REMARKS- PLT THOUGHT ONE DRUM ON EXTERNAL SLING, ACTUALLY TWO. 371.5LBS OVR MAX GWT.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F. S M/N	FLIGHT PURPOSE	PILOT DATA
3-0544	4/4/77 TIME - 1720	NR. FLAT, AK	CESSNA U206D N72106 DAMAGE-SUBSTANTIAL INTENDED DESTINATION MCGRATH, AK	CR- 0 0 1 PX- 0 0 3	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 25, 637 TOTAL HOURS, 47 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT ANVIK, AK TYPE OF ACCIDENT NOSE OVER/DOWN			PHASE OF OPERATION LANDING ROLL	
PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS						
FACTOR(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - BECAME LOST/DISORIENTED WEATHER - LOW CEILING WEATHER - FOG WEATHER - SNOW TERRAIN - SNOW-COVERED WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - UNKNOWN/NOT REPORTED EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT LOW ON FUEL ADVERSE/UNFAVORABLE WEATHER						
		SKY CONDITION OVERCAST VISIBILITY AT ACCIDENT SITE 3 MILES OR LESS OBSTRUCTIONS TO VISION AT ACCIDENT SITE BLOWING SNOW TYPE OF FLIGHT PLAN VFR			CEILING AT ACCIDENT SITE 150 PRECIPITATION AT ACCIDENT SITE SNOW TYPE OF WEATHER CONDITIONS IFR	
3-0806	4/18/77 TIME - 1115	NR. BETHEL, AK	PIPER PA-18 N7468L DAMAGE-SUBSTANTIAL INTENDED DESTINATION RETURN	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 34, 3512 TOTAL HOURS, 1000 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT BETHEL, AK TYPE OF ACCIDENT STALL, SPIRAL			LAST ENROUTE STOP NTLUKSAK, AK PHASE OF OPERATION IN FLIGHT LOW PASS	
PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS REMARKS- PILOT THREW JACKET OUT OF A/C. JACKET DRAPED AROUND LEADING EDGE R WING.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0807	4/21/77 TIME - 0930	CENTRAL CREEK, AK	CESSNA 185 N22131 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 34, 2190 TOTAL HOURS, 479 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - CENTRAL CREEK DEPARTURE POINT INTENDED DESTINATION BIG DELTA, AK CENTRAL CREEK, AK TYPE OF ACCIDENT PHASE OF OPERATION NOSE OVER/DOWN LANDING ROLL  PROBABLE CAUSE(S) PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SNOW ON RUNWAY						
3-0568	4/24/77 TIME - 1000	BETHEL, AK	CESSNA 206F N85380 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 5	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 35, 926 TOTAL HOURS, 905 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - BETHEL RIV STRIP DEPARTURE POINT INTENDED DESTINATION BETHEL, AK HOLY CROSS, AK TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH SNOWBANK TAKEOFF RUN  PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED CLEARANCE FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SNOW ON RUNWAY						
3-1612	5/18/77 TIME - 1215	PORT ALEXANDER, AK	DEHAVILLAND DHC-2 N30ST DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 35, 1600 TOTAL HOURS, 30 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - PORT ALEXANDER DEPARTURE POINT INTENDED DESTINATION SITKA, AK PORT ALEXANDER, AK TYPE OF ACCIDENT PHASE OF OPERATION WHEELS-DOWN LANDING IN WATER LANDING ROLL  PROBABLE CAUSE(S) AIRFRAME - LANDING GEAR NORMAL RETRACTION/EXTENSION ASSEMBLY SYSTEMS - HYDRAULIC SYSTEM SEALS MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE REMARKS- AMPHIBIOUS LDG GR.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4079	5/20/77	QUINHAGAK, AK	BEECH D18S N35W DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 28, 1500 TOTAL HOURS, 300 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - QUINHAGAK DEPARTURE POINT PLATINUM, AK TYPE OF ACCIDENT COLLIDED WITH DIRT BANK INTENDED DESTINATION BETHEL, AK LAST ENROUTE STOP QUINHAGAK, AK PHASE OF OPERATION LANDING ROLL PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION INADEQUATE MAINTENANCE AND INSPECTION AIRFRAME - LANDING GEAR BRAKING SYSTEM (NORMAL SYSTEM) MISCELLANEOUS ACTS, CONDITIONS - PRESSURE TOO LOW REMARKS- PILOT REPORTED LOSS OF LEFT BRAKE PRESSURE UPON LANDING.						
3-2092	5/28/77	NR.EAGLE, AK	BELL 206B N380EH DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 38, 5389 TOTAL HOURS, 2770 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT YUKON RIVER TYPE OF ACCIDENT ROLL OVER INTENDED DESTINATION YUKON RIVER LAST ENROUTE STOP EAGLE, AK PHASE OF OPERATION TAKEOFF VERTICAL PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS FIRE AFTER IMPACT						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0919	5/31/77 TIME - 1625	NOATAK, AK	BEECH H-18 NILH DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	AIRLINE TRANSPORT, AGE 36, 6022 TOTAL HOURS, 1900 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - NOATAK DEPARTURE POINT ANCHORAGE, AK TYPE OF ACCIDENT HARD LANDING GEAR COLLAPSED  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER LEVEL OFF PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS OTHER WEATHER - DOWNDRAFT, UPDRAFTS  SKY CONDITION CLEAR VISIBILITY AT ACCIDENT SITE 5 OR OVER (UNLIMITED) OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE WIND VELOCITY-KNOTS CALM TYPE OF FLIGHT PLAN VFR REMARKS- RUNWAY SLOPES UPWARD ON APPROACH END.						
INTENDED DESTINATION NOATAK, AK  PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN LANDING ROLL  CEILING AT ACCIDENT SITE UNLIMITED PRECIPITATION AT ACCIDENT SITE NONE TEMPERATURE-F 50 TYPE OF WEATHER CONDITIONS VFR						
3-1269	6/13/77 TIME - 1407	NR. SHISHMAREF, AK	CESSNA 207 N91059 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 5	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 31, 3430 TOTAL HOURS, 70 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT NOME, AK TYPE OF ACCIDENT COLLISION WITH GROUND/WATER CONTROLLED  PROBABLE CAUSE(S) PILOT IN COMMAND - BECAME LOST/DISORIENTED MISCELLANEOUS ACTS, CONDITIONS - FLEW INTO BLIND CANYON						
INTENDED DESTINATION SHISHMAREF, AK  PHASE OF OPERATION IN FLIGHT NORMAL CRUISE						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1092	6/22/77 TIME - 1230	NR.HOMER,AK	CESSNA 185 N1618M DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 4	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 33, 3000 TOTAL HOURS, 104 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT SELDOVIA,AK TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE	INTENDED DESTINATION KAMISHAK BAY,AK			PHASE OF OPERATION LANDING ROLL	
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL FACTOR(S) TERRAIN - LOOSE GRAVEL TERRAIN - SANDY					
3-3609	7/1/77 TIME - 1800	NR.MULCHATNA RIV,AK	DEHAVILLAND DHC-2 N9300Z DAMAGE-NONE	CR- 0 0 1 PX- 0 1 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 27, 1849 TOTAL HOURS, 229 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT LAKE HOOD,AK TYPE OF ACCIDENT PROPELLER/ROTOR ACCIDENT TO PERSON	INTENDED DESTINATION MULCHATNA RIV,AK			PHASE OF OPERATION STATIC IDLING ENGINE(S)	
	PROBABLE CAUSE(S) PERSONNEL - MISCELLANEOUS-PERSONNEL PASSENGER REMARKS- A/C FLOAT EQUIPPED.PLT REPORTED BRIEFED PAX BFR FLT.PAX WALKED INTO TURNING PROP.					
3-3699	7/8/77 TIME - 2030	NR.EGEGIK,AK	PIPER PA-32 N4074R DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	ATP,FLIGHT INSTR., AGE 36, 4114 TOTAL HOURS, 335 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT SOUTH NAKNEK,AK TYPE OF ACCIDENT COLLIDED WITH DIRT BANK	INTENDED DESTINATION EGEGIK,AK			PHASE OF OPERATION LANDING ROLL	
	PROBABLE CAUSE(S) PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS REMARKS- PILOT LANDED ON BEACH.ENCOUNTERED SMALL CREEK THAT CROSSED LANDING AREA.					



## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2091	7/11/77 TIME - 1745	GOLOVIN,AK	BEECH E18S N80386 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 28, 1881 TOTAL HOURS, 152 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - GOLOVIN AIRPORT DEPARTURE POINT INTENDED DESTINATION MOSES POINT,AK GOLOVIN,AK TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE GEAR COLLAPSED  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING MISCELLANEOUS ACTS,CONDITIONS - INTENTIONAL GROUND-WATER-LOOP-SWERVE FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G. MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE REMARKS- CLIMB PWR REQUIRED AFTR TKOF TO MAINTAIN ALT.LNDD ON 2400FT GRAVEL STRIP.PLT EST 690# OVR LDG WGT.						
3-3400	7/20/77 TIME - 1950	GALENA,AK	VOLPAR H18 N800WA DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 7	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 28, 4785 TOTAL HOURS, 740 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - GALENA DEPARTURE POINT INTENDED DESTINATION GALENA,AK LOCAL TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE PROPELLER GEAR COLLAPSED  PROBABLE CAUSE(S) POWERPLANT - PROPELLER SYSTEM PITCH CHANGING MECHANISM MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - THRUST REVERSAL-ASYMETRICAL MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE FIRE AFTER IMPACT						
3-4080	7/21/77 TIME - 1845	NR.RUBY,AK	BRITTNORMAN BN-2H N22JA DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 1 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 24, 3675 TOTAL HOURS, 400 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION RUBY,AK COLORADO CREEK,AK TYPE OF ACCIDENT COLLISION WITH GROUND/WATER CONTROLLED  PROBABLE CAUSE(S) PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN PILOT IN COMMAND - MISJUDGED SPEED AND CLEARANCE						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3263	8/1/77 TIME - 1645	TATITLEK, AK	CESSNA 206E N72018 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 31, 1100 TOTAL HOURS, 67 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - TATITLEK DEPARTURE POINT INTENDED DESTINATION CORDOVA, AK TATITLEK, AK TYPE OF ACCIDENT PHASE OF OPERATION UNDERSHOOT LANDING FINAL APPROACH HARD LANDING LANDING LEVEL OFF/TOUCHDOWN  PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE, SPEED, AND ALTITUDE						
3-2090	8/4/77 TIME - 1300	NR. KETCHIKAN, AK	CESSNA 185E N3359L DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL. INSTR., AGE 33, 10000 TOTAL HOURS, 5025 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - HELICOPTER LAKE DEPARTURE POINT INTENDED DESTINATION KETCHIKAN, AK KETCHIKAN, AK TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH DIRT BANK TAKEOFF ABORTED  PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF FACTOR(S) WEATHER - HIGH DENSITY ALTITUDE  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 TEMPERATURE-F NONE 80 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN VFR NONE REMARKS- UN LIFT-OFF FRM 4000FT LAKE IN BASIN SURROUNDED ON 3 SIDES BY MTNS. D/A APRX 4700FT.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3614	8/4/77 TIME - 1905	NR.BETTLES,AK	DEHAVILLAND DHC-3 N48064 DAMAGE-SUBSTANTIAL INTENDED DESTINATION BETTLES,AK	CR- 1 0 0 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 39, 5000 TOTAL HOURS, 1500 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT ALATNA RIVER,AK TYPE OF ACCIDENT STALL MUSH	PHASE OF OPERATION TAKEOFF INITIAL CLIMB			
PROBABLE CAUSE(S) PILOT IN COMMAND - MISUSED OR FAILED TO USE FLAPS PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED PILOT IN COMMAND - MISJUDGED DISTANCE,SPEED,AND ALTITUDE PILOT IN COMMAND - FAILED TO ABORT TAKEOFF						
FACTOR(S) TERRAIN - LOOSE GRAVEL TERRAIN - HIGH OBSTRUCTIONS WEATHER - DOWNDRAFT,UPDRAFTS WEATHER - OBSTRUCTIONS TO VISION MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION WEATHER BRIEFING - UNKNOWN/NOT REPORTED						
		SKY CONDITION OBSCURATION VISIBILITY AT ACCIDENT SITE 2 MILES OR LESS OBSTRUCTIONS TO VISION AT ACCIDENT SITE SMOKE WIND DIRECTION-DEGREES 270 TYPE OF WEATHER CONDITIONS VFR FIRE AFTER IMPACT REMARKS- TKOF FRM RVR GRAVEL BAR TOWARD BEND IN RIVER.TREES,STEEP RVR BANK AT BEND.	CEILING AT ACCIDENT SITE UNKNOWN/NOT REPORTED PRECIPITATION AT ACCIDENT SITE NONE TEMPERATURE-F 70 WIND VELOCITY-KNOTS 10 TYPE OF FLIGHT PLAN UNKNOWN/NOT REPORTED			
3-2089	8/8/77 TIME - 2100	NR.MCCARTHY,AK	CESSNA 180 N2418F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 23, 3500 TOTAL HOURS, 2500 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - GREEN BUTTE DEPARTURE POINT MCCARTHY,AK TYPE OF ACCIDENT COLLIDED WITH TREES GROUND-WATER LOOP-SWERVE	INTENDED DESTINATION MCCARTHY,AK PHASE OF OPERATION LANDING ROLL LANDING ROLL			
PROBABLE CAUSE(S) PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN PILOT IN COMMAND - MISJUDGED CLEARANCE						
FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS OTHER MISCELLANEOUS ACTS.CONDITIONS - PILOT FATIGUE REMARKS- LNDD L SIDE OF STRIP,WRECKED C-180 ON RIGHT SIDE.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3257	8/12/77 TIME - 1330	COFFMAN COVE, AK	DEHAVILLAND DHC-2 N127WA DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 7	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 26, 2110 TOTAL HOURS, 105 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - COFFMAN COVE DEPARTURE POINT INTENDED DESTINATION COFFMAN COVE, AK KETCHIKAN, AK TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH OBJECT TAKEOFF ABORTED  PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - MISJUDGED SPEED AND CLEARANCE REMARKS- FLOAT EQPD. HIT LOG RAFT.						
3-3694	8/20/77 TIME - UNK/NR	NR. DEADHORSE, AK	BELL 206-B N59382 DAMAGE-DESTROYED	CR- 1 0 0 PX- 2 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 29, 2000 TOTAL HOURS, 911 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION DEADHORSE, AK ESKIMO ISLAND, AK TYPE OF ACCIDENT PHASE OF OPERATION MISSING AIRCRAFT, NOT RECOVERED UNKNOWN/NOT REPORTED  PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED REMARKS- A/C DMG AND INJURY INDEX PRESUMED, EQUIPPED WITH EMERGENCY FLOATS.						
3-3810	8/24/77 TIME - 1400	CREVICE CREEK, AK	CESSNA 310-D N6923T DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 50, 19700 TOTAL HOURS, 500 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - CREVICE CREEK DEPARTURE POINT INTENDED DESTINATION BETTLES, AK CREVICE CREEK, AK TYPE OF ACCIDENT PHASE OF OPERATION GEAR RETRACTED LANDING ROLL  PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION INADEQUATE MAINTENANCE AND INSPECTION AIRFRAME - LANDING GEAR OTHER MISCELLANEOUS ACTS, CONDITIONS - IMPROPERLY SECURED MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE MISCELLANEOUS ACTS, CONDITIONS - MISSING FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - PREVIOUS DAMAGE REMARKS- LDG GR TRUNION PIN U-BOLT BROKEN, NUT MISSING. MAIN LANDING GEAR TRUNION U BOLT.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3604	8/26/77 TIME - 2118	NR.BETHEL,AK	CESSNA 206 N11700 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 4	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 23, 2157 TOTAL HOURS, 385 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT KWETHLUK,AK	INTENDED DESTINATION EEK LAKE,AK	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING ROLL		
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH OBJECT				
PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - BECAME LOST/DISORIENTED PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION						
FACTOR(S) WEATHER - RAIN WEATHER - FOG COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE WEATHER BRIEFING - BRIEFING RECEIVED-METHOD UNKNOWN WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER						
		SKY CONDITION SCATTERED	CEILING AT ACCIDENT SITE UNLIMITED			
		VISIBILITY AT ACCIDENT SITE 5 OR OVER(UNLIMITED)	PRECIPITATION AT ACCIDENT SITE RAIN			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG	TEMPERATURE-F 50			
		WIND DIRECTION-DEGREES 315	WIND VELOCITY-KNOTS 4			
		TYPE OF WEATHER CONDITIONS VFR	TYPE OF FLIGHT PLAN VFR			
REMARKS- A/C FLOAT EQUIPPED.COLLIDED W/SAND BAR.						
3-4215	8/29/77 TIME - 1315	BARROW,AK	CESSNA 185 N1592F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	CERTIFICATE UNKNOWN, AGE UNK/NR, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, UNK/NR INSTRUMENT RATED.
		NAME OF AIRPORT - WILEY POST DEPARTURE POINT NUIOSUT,AK	INTENDED DESTINATION BARROW,AK	PHASE OF OPERATION LANDING ROLL		
		TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE				
REMARKS- UNDER INVESTIGATION.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3804	8/30/77 TIME - 1045	GOLOVIN,AK	CESSNA 170B N3532C DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 4	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 20, 1126 TOTAL HOURS, 400 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - GOLOVIN DEPARTURE POINT GOLOVIN,AK INTENDED DESTINATION NOME,AK TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION DITCHING  PROBABLE CAUSE(S) MISCELLANEOUS - BIRD COLLISION POWERPLANT - IGNITION SYSTEM LEADS MISCELLANEOUS ACTS,CONDITIONS - GROUNDED FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G. 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- TYPE OF BIRD UNKNOWN.						
3-2982	9/2/77 TIME - 0910	NR.MINTO LAKE,AK	HELIO 295 N99798 DAMAGE-DESTROYED	CR- 1 0 0 PX- 2 0 0 OT- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 28, 3275 TOTAL HOURS, 211 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT MINTO LAKE,AK INTENDED DESTINATION FAIRBANKS,AK 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 FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - SUNGLARE  SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV. CONTROLLING AGENCY - NO CONTROL CONTROL ZONE/AREA - NO EVASIVE ACTION TAKEN - UNKNOWN/NOT REPORTED ANTI-COLLISION LIGHTS - OPERATING REMARKS- FLOAT EQUIPPED						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4086	9/5/77 TIME - 1200	SHEEBD LAKE,AK	CESSNA 185F N94276 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 27, 4390 TOTAL HOURS, 394 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT BETTLES,AK	INTENDED DESTINATION RETURN	LAST ENROUTE STOP SHEEBD LAKE,AK		
		TYPE OF ACCIDENT STALL		PHASE OF OPERATION TAKEOFF INITIAL CLIMB		
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING						
FACTOR(S) TERRAIN - ROUGH/UNEVEN WEATHER - DOWNDRAFT,UPDRAFTS						
		SKY CONDITION OVERCAST		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 50		
		WIND DIRECTION-DEGREES 135		WIND VELOCITY-KNOTS 20		
		TYPE OF WEATHER CONDITIONS VFR		TYPE OF FLIGHT PLAN VFR		
REMARKS- A/C FLOAT EQUIPPED.						
3-3693	9/7/77 TIME - 1120	BETTLES,AK	CESSNA A185F N4974C DAMAGE-MINOR	CR- 0 0 1 PX- 1 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 30, 5722 TOTAL HOURS, 11876 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - EVANSVILLE DEPARTURE POINT BETTLES,AK	INTENDED DESTINATION BETTLES,AK	LAST ENROUTE STOP WILD LAKE,AK		
		TYPE OF ACCIDENT PROPELLER/ROTOR ACCIDENT TO PERSON		PHASE OF OPERATION TAXI FROM LANDING		
PROBABLE CAUSE(S) PILOT IN COMMAND - EXERCISED POOR JUDGMENT						
REMARKS- PLT ASKED PAX TO ASSIST IN DOCKING FLOAT PLANE.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4102	9/11/77 TIME - 0840	NR.SPARREVOHN AFS,AK	HILLER ACFT 1100 N5052F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 47, 12651 TOTAL HOURS, 245 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION SPARREVOHN AFS,AK LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER CONTROLLED LANDING POWER-ON LANDING  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - POORLY PLANNED APPROACH WEATHER - DOWNDRAFT,UPDRAFTS WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED  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 WIND DIRECTION-DEGREES NONE 150 WIND VELOCITY-KNOTS TYPE OF WEATHER CONDITIONS 20 VFR TYPE OF FLIGHT PLAN VFR REMARKS- FLOAT EOPTD.GSTS 30KT.TURB RSLTD IN UNUSAL ATTD AT TO LW AN ALTD TO ALLOW RECOVERY.						
3-3814	9/14/77 TIME - 1700	PORT ALSWORTH,AK	PIPER PA-28R N55030 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL.INSTR., AGE 24, 1575 TOTAL HOURS, 175 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - PORT ALSWORTH DEPARTURE POINT INTENDED DESTINATION NONDALTON,AK ILIAMNA,AK TYPE OF ACCIDENT LAST ENROUTE STOP GEAR COLLAPSED PORT ALSWORTH,AK PHASE OF OPERATION LANDING ROLL  PROBABLE CAUSE(S) PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN MISCELLANEOUS ACTS,CONDITIONS - LANDED IN CONSTRUCTION AREA FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE REMARKS- RNWY SURFACE LARGE ROCKS,LOOSE GRAVEL RUNWAY, UNDER CONSTRUCTION						



## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3812	9/16/77	NR.HOMER,AK	PIPER PA-18 N9657P DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 55, 18000 TOTAL HOURS, 450 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT ANCHORAGE,AK	INTENDED DESTINATION HOMER,AK			
		TYPE OF ACCIDENT UNDERSHOOT COLLIDED WITH OBJECT			PHASE OF OPERATION LANDING FINAL APPROACH LANDING LEVEL OFF/TOUCHDOWN	
PROBABLE CAUSE(S)						
PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE						
WEATHER - SUDDEN WINDSHIFT						
PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND						
FACTOR(S)						
TERRAIN - HIGH OBSTRUCTIONS						
MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND						
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 45	
		WIND VELOCITY-KNOTS 10			TYPE OF WEATHER CONDITIONS VFR	
		TYPE OF FLIGHT PLAN VFR				
REMARKS- GRAVEL STRIP ON SIDE OF MTN STRUCK HUMMOCK GUSTS 15KTS.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3807	9/21/77 TIME - 0840	AFOGNAK ISL, AK	CESSNA U206F N7353Q DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL. INSTR., AGE 46, 3700 TOTAL HOURS, 170 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT KODIAK, AK	INTENDED DESTINATION RETURN	LAST ENROUTE STOP AFOGNAK ISL, AK		
		TYPE OF ACCIDENT COLLIDED WITH TREES		PHASE OF OPERATION TAKEOFF ABORTED		
PROBABLE CAUSE(S) WEATHER - DOWNDRAFT, UPDRAFTS						
FACTOR(S) TERRAIN - GLASSY WATER TERRAIN - HIGH OBSTRUCTIONS						
WEATHER BRIEFING - RECEIVED RECORDED BRIEFING BY TELEPHONE						
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT						
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	TYPE OF WEATHER CONDITIONS VFR			
		TYPE OF FLIGHT PLAN OTHER				
REMARKS- APPROACHING SHORE LINE ENCOUNTERED STRONG DWN DRAFTS ABORTED TAKE-OFF. FLOAT EQUIPPED.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4087	11/30/77 TIME - 0935	DEADHORSE, AK	BELL 206-L N403EH DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 31, 4240 TOTAL HOURS, 1001 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - DEADHORSE DEPARTURE POINT PUMP STATION NO.1 TYPE OF ACCIDENT ROLL OVER  PROBABLE CAUSE(S) PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - SPATIAL DISORIENTATION MISCELLANEOUS ACTS, CONDITIONS - WHITEOUT FACTOR(S) WEATHER - FOG WEATHER - SNOW WEATHER - UNFAVORABLE WIND CONDITIONS TERRAIN - SNOW-COVERED WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT  SKY CONDITION PARTIAL OBSCURATION VISIBILITY AT ACCIDENT SITE 1 MILE OR LESS OBSTRUCTIONS TO VISION AT ACCIDENT SITE BLOWING SNOW WIND VELOCITY-KNOTS 17 TYPE OF FLIGHT PLAN NONE						
INTENDED DESTINATION RETURN  LAST ENROUTE STOP VALVE NO.1 PHASE OF OPERATION LANDING FINAL APPROACH  CEILING AT ACCIDENT SITE UNKNOWN/NOT REPORTED PRECIPITATION AT ACCIDENT SITE SNOW WIND DIRECTION-DEGREES 230 TYPE OF WEATHER CONDITIONS BELOW MINIMUMS						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4137	12/19/77 NR. ANCHOR POINT, AK TIME - 1828	HILLER ACFT FH1100 N18845 DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 29, 3313 TOTAL HOURS, 631 IN TYPE, NOT INSTRUMENT RATED.	
	DEPARTURE POINT HOMER, AK	INTENDED DESTINATION HOMER, AK		LAST ENROUTE STOP S.S. GREAT LAND		
	TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	UNCONTROLLED		PHASE OF OPERATION IN FLIGHT UNCONTROLLED DESCENT		
	PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - SPATIAL DISORIENTATION					
	FACTOR(S) WEATHER - LOW CEILING WEATHER - FOG WEATHER - SNOW WEATHER - ICING CONDITIONS-INCLUDES SLEET, FREEZING RAIN, ETC. WEATHER - UNFAVORABLE WIND CONDITIONS MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY RADIO WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT EMERGENCY CIRCUMSTANCES - UNKNOWN/NOT REPORTED ADVERSE/UNFAVORABLE WEATHER					
	SKY CONDITION OVERCAST			CEILING AT ACCIDENT SITE UNKNOWN/NOT REPORTED		
	VISIBILITY AT ACCIDENT SITE 1/2 MILE OR LESS			PRECIPITATION AT ACCIDENT SITE SNOW		
	OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG			TEMPERATURE-F 33		
	WIND DIRECTION-DEGREES 45			WIND VELOCITY-KNOTS 25		
	TYPE OF WEATHER CONDITIONS IFR			TYPE OF FLIGHT PLAN VFR		
	REMARKS- HELICOPTER FLOAT EQUIPPED. WINDS GUSTING TO 30 KTS. A/C DAMAGE AND PILOTS INJURY PRESUMED.					

# BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4146	12/23/77	NR. ILIAMNA, AK	CESSNA 207	CR- 0 0 1	COMMERCIAL	COMMERCIAL, AGE 27, 3222
	TIME - 1130		N1656U	PX- 0 0 7	AIR TAXI-PASSG	TOTAL HOURS, 331 IN TYPE,
			DAMAGE-DESTROYED			INSTRUMENT RATED.
	DEPARTURE POINT		INTENDED DESTINATION			
	ILIAMNA, AK		NAKNEK, AK			
	TYPE OF ACCIDENT				PHASE OF OPERATION	
	STALL				IN FLIGHT NORMAL CRUISE	
	PROBABLE CAUSE(S)					
	PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED					
	PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING					
	PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS					
	FACTOR(S)					
	WEATHER - SNOW					
	WEATHER - CONDITIONS CONDUCIVE TO CARR./INDUCTION SYSTEM ICING					
	WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE					
	WEATHER FORECAST - WEATHER SLIGHTLY WORSE THAN FORECAST					
	SKY CONDITION				CEILING AT ACCIDENT SITE	
	OVERCAST				800	
	VISIBILITY AT ACCIDENT SITE				PRECIPITATION AT ACCIDENT SITE	
	2 MILES OR LESS				RAIN, SNOW	
	OBSTRUCTIONS TO VISION AT ACCIDENT SITE				TEMPERATURE-F	
	BLOWING SNOW				37	
	WIND DIRECTION-DEGREES				WIND VELOCITY-KNOTS	
	90				15	
	TYPE OF WEATHER CONDITIONS				TYPE OF FLIGHT PLAN	
	IFR				VFR	

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4148	12/31/77 TIME - 0940	TOKSOOK BAY, AK	SHORT BROS SC-7 N64AC DAMAGE-DESTROYED	CR- 0 1 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	AIRLINE TRANSPORT, AGE 31, 3800 TOTAL HOURS, 1605 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - TOKSOOK BAY DEPARTURE POINT INTENDED DESTINATION BETHEL, AK TOKSOOK BAY, AK TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER CONTROLLED LANDING GO-AROUND						
PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - MISJUDGED ALTITUDE PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND MISCELLANEOUS ACTS, CONDITIONS - WHITEOUT FACTOR(S) WEATHER - LOW CEILING WEATHER - FOG WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - UNKNOWN/NOT REPORTED						
SKY CONDITION CEILING AT ACCIDENT SITE OVERCAST 800 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 2 MILES OR LESS NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE TEMPERATURE-F FOG 31 WIND DIRECTION-DEGREES WIND VELOCITY-KNOTS 150 20 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN IFR VFR REMARKS- WX REPORTS NOT AVBL FOR TOKSOOK BAY. WIND GUSTING 20K.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0293	2/22/77 TIME - 1730	WHITE RIVER, AZ	PIPER PA-32 N32670 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 56, 6300 TOTAL HOURS, 400 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - WHITE RIVER DEPARTURE POINT INTENDED DESTINATION SHOW LOW, AZ WHITE RIVER, AZ TYPE OF ACCIDENT PHASE OF OPERATION HARD LANDING LANDING LEVEL OFF/TOUCHDOWN GEAR COLLAPSED LANDING ROLL  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER LEVEL OFF WEATHER - UNFAVORABLE WIND CONDITIONS FACTOR(S) PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, IN PERSON WEATHER FORECAST - UNKNOWN/NOT REPORTED  SKY CONDITION CEILING AT ACCIDENT SITE UNKNOWN/NOT REPORTED UNKNOWN/NOT REPORTED 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 VELOCITY-KNOTS 40 30 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN VFR NONE REMARKS- GUSTING TO 40K.						
3-3749	11/28/77 TIME - 0945	NR. CAMP VERDE, AZ	CESSNA U206F N60566 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 4	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 28, 1840 TOTAL HOURS, 1070 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION KAYENTA, AZ. PHOENIX, AZ. TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION NOSE OVER/DOWN  PROBABLE CAUSE(S) POWERPLANT - FUEL SYSTEM LINES AND FITTINGS PERSONNEL - MAINTENANCE, SERVICING, INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL) FACTOR(S) 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
3-1557	7/20/77 TIME - 1215	PARAGOULD,AR	CESSNA 411 N3253R DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 23, 1654 TOTAL HOURS, 0 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - PARAGOULD MUNI DEPARTURE POINT INTENDED DESTINATION PARAGOULD,AR MEMPHIS,TN TYPE OF ACCIDENT PHASE OF OPERATION STALL MUSH TAKEOFF INITIAL CLIMB  PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND FACTOR(S) WEATHER - HIGH DENSITY ALTITUDE MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND  SKY CONDITION CEILING AT ACCIDENT SITE BROKEN 2000 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 5 OR OVER(UNLIMITED) NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE TEMPERATURE-F NONE 90 WIND DIRECTION-DEGREES WIND VELOCITY-KNOTS 210 7 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN VFR IFR FIRE AFTER IMPACT REMARKS- 2800FT AVAILABLE,3000FT REQD FOR TKOF AT 2500FT DENS ALT.						
3-3203	9/21/77 TIME - 1335	PINE BLUFF,AR	BEECH D18S N240E DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 55, 23480 TOTAL HOURS, 2000 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - GRIDER DEPARTURE POINT INTENDED DESTINATION BUFFALO,NY HOUSTON,TX TYPE OF ACCIDENT LAST ENROUTE STOP ENGINE FAILURE OR MALFUNCTION PINE BLUFF,AR GEAR COLLAPSED PHASE OF OPERATION LANDING TRAFFIC PATTERN-CIRCLING LANDING ROLL  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING COPILOT - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION TERRAIN - ROUGH/UNEVEN FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-2 ENGINES EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- OVER 20 GALLONS OF FUEL FOUND IN LEFT MAIN TANK.						



## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0967	1/6/77 TIME - 1700	NR.PALM SPRINGS,CA	LEAR JET 24B N12MK DAMAGE-DESTROYED	CR- 2 0 0 PX- 2 0 0	COMMERCIAL AIR TAXI-PASSG	ATP,FLIGHT INSTR., AGE 36, 4150 TOTAL HOURS, 532 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT LAS VEGAS,NV INTENDED DESTINATION RETURN TYPE OF ACCIDENT COLLISION WITH GROUND/WATER CONTROLLED LAST ENROUTE STOP PALM SPRINGS,CA PHASE OF OPERATION IN FLIGHT CLIMB TO CRUISE PROBABLE CAUSE(S) PILOT IN COMMAND - MISUNDERSTANDING OF ORDERS OR INSTRUCTIONS FACTOR(S) PERSONNEL - TRAFFIC CONTROL PERSONNEL OTHER MISSING AIRCRAFT - LATER RECOVERED REMARKS- CREW MISINTERPRETED IFR CLNC & ATC INSTRUCTIONS.CONTROLLER FAILED TO DETECT DEVIATION FRM ROUTE.						
3-1797	6/27/77 TIME - 1040	NR.SO LAKE TAHOE,CA	BELL 47G-2 N8406E DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 30, 2773 TOTAL HOURS, 200 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - FREEL PK.HELIPAD DEPARTURE POINT SO LAKE TAHOE,CA INTENDED DESTINATION LOCAL TYPE OF ACCIDENT UNDERSHOOT ROLL OVER PHASE OF OPERATION LANDING POWER-ON LANDING LANDING LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) WEATHER - SUDDEN WINDSHIFT FACTOR(S) WEATHER - HIGH DENSITY ALTITUDE WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED 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 RELATIVE BEARING OF WIND RIGHT QUARTERING TAIL WIND 203-247 DEGREES TEMPERATURE-F 40. WIND DIRECTION-DEGREES 45 WIND VELOCITY-KNOTS 10 TYPE OF WEATHER CONDITIONS VFR TYPE OF FLIGHT PLAN NONE REMARKS- WIND SHIFTED FROM HEADWIND TO QUARTERING TAILWIND.DENSITY ALT APPROX 12000 FT.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2174	7/31/77 TIME - 1000	RUBICON SPRING,CA	BELL 47G381 N337RH DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 30, 2353 TOTAL HOURS, 224 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT RUBICON SPRING,CA TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH TREES	INTENDED DESTINATION LOON LAKE,CA		PHASE OF OPERATION TAKEOFF RUNNING LANDING POWER-OFF AUTOROTATIVE LANDING		
	PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION POWERPLANT - IGNITION SYSTEM SPARK PLUG MISCELLANEOUS ACTS,CONDITIONS - CARBON DEPOSITS POWERPLANT - ENGINE STRUCTURE CRANKCASE MISCELLANEOUS ACTS,CONDITIONS - LOW COMPRESSION FACTOR(S) WEATHER - HIGH DENSITY ALTITUDE COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND SKY CONDITION CLEAR VISIBILITY AT ACCIDENT SITE 5 OR OVER(UNLIMITED) OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE WIND DIRECTION-DEGREES 90 TYPE OF WEATHER CONDITIONS VFR REMARKS- LEAD,OIL,AND CARBON FOULING.					
	CEILING AT ACCIDENT SITE UNLIMITED PRECIPITATION AT ACCIDENT SITE NONE TEMPERATURE-F 85 WIND VELOCITY-KNOTS 5 TYPE OF FLIGHT PLAN NONE					
3-3659	8/19/77 TIME - 1153	MODESTO,CA	PIPER PA-31P N7670L DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1 NT- 3 0 0	COMMERCIAL AIR TAXI-PASSG	ATP,FLIGHT INSTR., AGE 38, 6912 TOTAL HOURS, 31 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - MODESTO DEPARTURE POINT SAN FRANCISCO,CA TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH AUTOMOBILE	INTENDED DESTINATION MODESTO,CA		PHASE OF OPERATION LANDING FINAL APPROACH 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 - MISCALCULATED FUEL CONSUMPTION 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
3-3452	8/22/77 TIME - 2106	CATALINA IS,CA	BEECH E18S N979SB DAMAGE-DESTROYED	CR- 2 0 0 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL.INSTR., AGE 37, 2460 TOTAL HOURS, UNK/NR IN TYPE, INSTRU- MENT RATED.
NAME OF AIRPORT - CATALINA DEPARTURE POINT INTENDED DESTINATION CATALINA IS,CA LONG BEACH,CA TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER UNCONTROLLED TAKEOFF INITIAL CLIMB  PROBABLE CAUSE(S) PILOT IN COMMAND - INCAPACITATION COPILOT - PHYSICAL IMPAIRMENT SYSTEMS - AIR CONDITION,HEATING AND PRESSURIZATION OTHER MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE FACTOR(S) WEATHER - FOG WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED  SKY CONDITION CEILING AT ACCIDENT SITE OBSCURATION UNKNOWN/NOT REPORTED VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE UNKNOWN/NOT REPORTED NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE TYPE OF WEATHER CONDITIONS FOG BELOW MINIMUMS TYPE OF FLIGHT PLAN NONE REMARKS- PILOT,CARBON MONOXIDE 45%,COPILOT 16.8%.CABIN HEATER,CRACKS IN COMBUSTION CHAMBER						
3-0387	1/3/77 TIME - 2300	NR.JAROSO,CO	CESSNA T210L N732JP DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	ATP,FLIGHT INSTR., AGE 47, 5800 TOTAL HOURS, 200 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION ALBUQUERQUE,NM DENVER,CO TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT NORMAL CRUISE WHEELS-UP LANDING LEVEL OFF/TOUCHDOWN  PROBABLE CAUSE(S) POWERPLANT - LUBRICATING SYSTEM PUMP-PRESSURE MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS MISCELLANEOUS ACTS,CONDITIONS - OIL STARVATION MISCELLANEOUS ACTS,CONDITIONS - INTENTIONAL WHEELS-UP FACTOR(S) TERRAIN - SNOW-COVERED COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- TURBOCHARGER BEARING RETAINER PIN MIGRATED TO ENGINE OIL PUMP, JAMMED PUMP, SHEARED PUMP SHAFT.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3669	9/23/77 TIME - 0725	NR.SALIDA,CO	CESSNA U206 N1452M DAMAGE-DESTROYED	CR- 1 0 0 PX- 5 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 53, 957 TOTAL HOURS, 310 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - HARRIET ALEXANDER DEPARTURE POINT INTENDED DESTINATION SALIDA,CO CORTEZ,CO TYPE OF ACCIDENT PHASE OF OPERATION STALL IN FLIGHT CLIMB TO CRUISE  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING PILOT IN COMMAND - MISJUDGED DISTANCE,SPEED,AND ALTITUDE PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED FACTOR(S) WEATHER - DOWNDRAFT,UPDRAFTS WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - WEATHER SLIGHTLY BETTER THAN FORECAST  SKY CONDITION CEILING AT ACCIDENT SITE SCATTERED UNLIMITED VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 5 OR OVER(UNLIMITED) NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE TEMPERATURE-F NONE 53 WIND DIRECTION-DEGREES WIND VELOCITY-KNOTS 260 45 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN VFR VFR FIRE AFTER IMPACT REMARKS- UN CLEAR MTN RIDGE.WX BRFG INCLUDED FCST OF 45K WINDS ALOFT AT MTN TOP LEVEL.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3232	9/28/77	NR. CRESTONE, CO	BELL 47G3B1 N30676 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 37, 10476 TOTAL HOURS, 2525 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT CRESTONE, CO	INTENDED DESTINATION CRESTONE PEAK, CO		PHASE OF OPERATION LANDING POWER-ON LANDING	
		TYPE OF ACCIDENT HARD LANDING				
		PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS MISCELLANEOUS ACTS, CONDITIONS - POORLY PLANNED APPROACH				
		FACTOR(S) WEATHER - SUDDEN WINDSHIFT WEATHER - HIGH DENSITY ALTITUDE				
		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 42	
		WIND DIRECTION-DEGREES 270			WIND VELOCITY-KNOTS 12	
		TYPE OF WEATHER CONDITIONS VFR			TYPE OF FLIGHT PLAN NONE	
		REMARKS- DENSITY ALTITUDE 13000 FEET. PEAK GUSTS 35 KTS. REPORTED BY PILOT.				
3-2016	4/1/77	TALLAHASSEE, FL	AERO COMDR 520 N2363B DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 4	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 53, 6500 TOTAL HOURS, 135 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - TALLAHASSEE MUNI				
		DEPARTURE POINT TAMPA, FL	INTENDED DESTINATION TALLAHASSEE, FL			
		TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE GEAR COLLAPSED			PHASE OF OPERATION LANDING ROLL LANDING ROLL	
		PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL				
		FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE				

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0767	4/21/77 TIME - 2020	MIAMI, FL	AERO CMDR 500 N62748 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 24, 646 TOTAL HOURS, 135 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - MIAMI INTL DEPARTURE POINT INTENDED DESTINATION TAMPA, FL MIAMI, FL TYPE OF ACCIDENT PHASE OF OPERATION GROUND-WATER LOOP-SWERVE TAXI FROM LANDING COLLIDED WITH BUILDING(S) TAXI FROM LANDING  PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION INADEQUATE MAINTENANCE AND INSPECTION AIRFRAME - LANDING GEAR BRAKING SYSTEM (NORMAL SYSTEM) MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE MISCELLANEOUS ACTS, CONDITIONS - HYDRAULIC FAILURE REMARKS- LNDG GR HYDRAULIC B NUT FRACTURED.						
3-2390	7/18/77 TIME - 1830	NR. PANAMA CITY, FL	BELL 47D1 N3109G DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 56, 8500 TOTAL HOURS, 3000 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - INTL HELIPORT DEPARTURE POINT INTENDED DESTINATION PANAMA CITY, FL LOCAL TYPE OF ACCIDENT PHASE OF OPERATION ROLL OVER LANDING POWER-ON LANDING  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.						
3-0710	2/18/77 TIME - 1145	ATLANTA, GA	BELL 206B N14824 DAMAGE-SUBSTANTIAL	CR- 0 1 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 31, 5000 TOTAL HOURS, 400 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION ATLANTA, GA LOCAL TYPE OF ACCIDENT PHASE OF OPERATION PROPELLER/ROTOR FAILURE MAIN ROTOR TAKEOFF VERTICAL  PROBABLE CAUSE(S) ROTORCRAFT - ROTOR ASSEMBLIES MAIN ROTOR HEAD ASSEMBLIES MISCELLANEOUS ACTS, CONDITIONS - FATIGUE FRACTURE FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - SEPARATION IN FLIGHT REMARKS- DURING INITIAL STAGE OF FLIGHT FROM HOVER THE MAIN ROTOR TRUNNION SEPARATED, MAIN ROTOR SYS FAILED						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1250	3/30/77 TIME - 0139	ATLANTA,GA	CESSNA 207 N91073 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL.INSTR.. AGE 23, 2750 TOTAL HOURS, UNK/NR IN TYPE, INSTRU- MENT RATED.
NAME OF AIRPORT - DEKALB PEACHTREE DEPARTURE POINT INTENDED DESTINATION ATLANTA,GA AUGUSTA,GA TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH TREES TAKEOFF INITIAL CLIMB  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) PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL DEFICIENCY,COMPANY MAINTAINED EOPMT,SERVICES,REGULATION FIRE AFTER IMPACT REMARKS- 790LBS OVR MAX GWT,CG BEYOND AFT LIMIT.						
3-3975	10/13/77 TIME - 0625	ATLANTA,GA	CESSNA 207 N91048 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL.INSTR.. AGE 30, 7200 TOTAL HOURS, 100 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION ATLANTA,GA ALBANY,GA TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT CLIMB TO CRUISE COLLIDED WITH WIRES/POLES LANDING ROLL  PROBABLE CAUSE(S) POWERPLANT - ENGINE CONTROLS THROTTLE-POWER LEVER ASSEMBLIES MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE FACTOR(S) PERSONNEL - PRODUCTION-DESIGN-PERSONNEL POOR/INADEQUATE DESIGN PERSONNEL - MAINTENANCE,SERVICING,INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL) COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- THROTTLE CABLE SHOWED SIGNS OF OVERLOAD TORSIONAL SEPARATION,ENG AUTOMATICALLY WENT TO FLT IDLE.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3952	11/8/77 TIME - 0710	ROME,GA	CESSNA 310J N3078L DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	AIRLINE TRANSPORT, AGE 32, 3250 TOTAL HOURS, 117 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT NASHVILLE,TN	INTENDED DESTINATION ATLANTA,GA			PHASE OF OPERATION IN FLIGHT NORMAL CRUISE	
	TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE	PROPELLER				
	PROBABLE CAUSE(S) POWERPLANT - ENGINE STRUCTURE CRANKSHAFT MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE					
	FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT SUSPECTED OR KNOWN AIRCRAFT DAMAGE					
	REMARKS- R PROP SHAFT SEPD FROM CRANKSHAFT.					
3-3857	12/17/77 TIME - 1558	HONOLULU,HI	BEECH C45G N2874G DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 38, 1984 TOTAL HOURS, 251 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - HONOLULU INTL DEPARTURE POINT HONOLULU,HI	INTENDED DESTINATION KAHULUI,HI			PHASE OF OPERATION IN FLIGHT CLIMB TO CRUISE LANDING LEVEL OFF/TOUCHDOWN	
	TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLISION WITH GROUND/WATER	CONTROLLED				
	PROBABLE CAUSE(S) POWERPLANT - PROPELLER AND ACCESSORIES GOVERNORS MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE POWERPLANT - ENGINE STRUCTURE .OTHER					
	FACTOR(S) WEATHER - UNFAVORABLE WIND CONDITIONS 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					
	SKY CONDITION SCATTERED	CEILING AT ACCIDENT SITE UNKNOWN/NOT REPORTED				
	VISIBILITY AT ACCIDENT SITE 5 OR OVER(UNLIMITED)	PRECIPITATION AT ACCIDENT SITE RAIN				
	OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE	TEMPERATURE-F 76				
	WIND DIRECTION-DEGREES 60	WIND VELOCITY-KNOTS 12				
	TYPE OF WEATHER CONDITIONS VFR	TYPE OF FLIGHT PLAN VFR				
	REMARKS- L PROP GOV DRIVE GRS FAILED.R ENG,OP AT FULL PWR FAILED OVER WATER SHORT OF ARPT.LNDD ON REEF.					



## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0622	4/14/77 TIME - 0630	MCCALL, ID	CESSNA 180H N4781U DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 40, 4305 TOTAL HOURS, 2035 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT MCCALL, ID	INTENDED DESTINATION MCCLAIN STRIP			
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	UNCONTROLLED	PHASE OF OPERATION IN FLIGHT OTHER		
PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS						
FACTOR(S) WEATHER - LOW CEILING WEATHER - FOG WEATHER - SNOW WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED						
SKY CONDITION UNKNOWN/NOT REPORTED VISIBILITY AT ACCIDENT SITE 1 MILE OR LESS OBSTRUCTIONS TO VISION AT ACCIDENT SITE BLOWING SNOW TYPE OF FLIGHT PLAN NONE				CEILING AT ACCIDENT SITE UNKNOWN/NOT REPORTED PRECIPITATION AT ACCIDENT SITE SNOW TYPE OF WEATHER CONDITIONS IFR		
3-2069	7/25/77 TIME - 0927	BERNARD CREEK, ID	PIPER PA-32R N9228K DAMAGE-DESTROYED	CR- 1 0 0 PX- 4 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL. INSTR., AGE 45, 4136 TOTAL HOURS, 94 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - FLYING B RANCH DEPARTURE POINT BOISE, ID	INTENDED DESTINATION FLYING B RANCH, ID	LAST ENROUTE STOP INDIAN CREEK, ID PHASE OF OPERATION LANDING GO-AROUND		
		TYPE OF ACCIDENT STALL MUSH				
PROBABLE CAUSE(S) PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL PILOT IN COMMAND - MISJUDGED DISTANCE, SPEED, ALTITUDE OR CLEARANCE PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED MISCELLANEOUS ACTS, CONDITIONS - FLEW INTO BLIND CANYON						
FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS REMARKS- STALLED IN CANYON DRG GO-AROUND FRM LOW PASS OVER MTN STRIP. NO MTN FLYING EXPERIENCE.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0727	2/7/77 TIME - 0715	PEORIA,IL	CESSNA 402A N87275 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 35, 6960 TOTAL HOURS, 92 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - MOUNT HAWLEY DEPARTURE POINT INTENDED DESTINATION PEORIA,IL BRYAN,OH TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING LAST ENROUTE STOP SPRINGFIELD,IL PHASE OF OPERATION TAKEOFF INITIAL CLIMB LANDING LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING MISCELLANEOUS ACTS,CONDITIONS - ICE-IN FUEL PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- DURING PREFLT RT MAIN FUEL DRAIN REQUIRED 4 TO 5 CYCLES BEFORE IT WOULD SHUT OFF.						
3-2597	8/25/77 TIME - 0750	LINCOLN,IL	BEECH C-45G N114V DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 26, 3271 TOTAL HOURS, 790 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - LOGAN COUNTY DEPARTURE POINT INTENDED DESTINATION CHICAGO,IL ST.LOUIS,MO TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH CROP PHASE OF OPERATION IN FLIGHT CLIMB TO CRUISE LANDING ROLL PROBABLE CAUSE(S) POWERPLANT - ENGINE STRUCTURE CYLINDER ASSEMBLY MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT REMARKS- #3 CYL HEAD BROKEN.OVERSHOT LANDING.						
3-3901	12/17/77 TIME - 0405	CHICAGO,IL	BEECH E18S N3131W DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0 OT- 0 1 3	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 36, 5100 TOTAL HOURS, 3350 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - OHARE INTL DEPARTURE POINT INTENDED DESTINATION CHICAGO,IL KANSAS CITY,MO TYPE OF ACCIDENT COLLIDED WITH OBJECT PHASE OF OPERATION TAXI TO TAKEOFF PROBABLE CAUSE(S) PERSONNEL - MISCELLANEOUS-PERSONNEL DRIVER OF VEHICLE REMARKS- DRIVER OF SERVICE VAN RAN INTO ACFT AT TAXIWAY &SERVICE RD INTERSECTION						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0871	1/24/77 TIME - 1745	TERRE HAUTE, IN	PIPER PA-34 N4522T DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 40, 2280 TOTAL HOURS, 80 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - SKY KING DEPARTURE POINT INTENDED DESTINATION KANSAS CITY TERRE HAUTE, IN TYPE OF ACCIDENT PHASE OF OPERATION HARD LANDING LANDING LEVEL OFF/TOUCHDOWN  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER LEVEL OFF FACTOR(S) PILOT IN COMMAND - ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT MISCELLANEOUS ACTS, CONDITIONS - AIRFRAME ICE REMARKS- PLT BRIEFED ON ICING CONDS, ACFT NOT DEICER EQUIPPED.						
3-2229	6/16/77 TIME - 0851	W.LAFAYETTE, IN	CESSNA 310Q N69584 DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 4	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 31, 3141 TOTAL HOURS, 470 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - PURDUE UNIVERSITY DEPARTURE POINT INTENDED DESTINATION W.LAFAYETTE, IN TOCCOA, GA TYPE OF ACCIDENT PHASE OF OPERATION GEAR COLLAPSED LANDING ROLL  PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL) AIRFRAME - LANDING GEAR NOSEWHEEL ASSEMBLIES MISCELLANEOUS ACTS, CONDITIONS - LOOSE, PART/FITTING FACTOR(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION INADEQUATE INSPECTION OF AIRCRAFT (OWNER-PILOT)						
3-2613	8/9/77 TIME - 0930	HUNTINGBURG, IN	PIPER PA-34 N32174 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL. INSTR., AGE 25, 3883 TOTAL HOURS, 98 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - HUNTINGBURG DEPARTURE POINT INTENDED DESTINATION HUNTINGBURG, IN ASHVILLE, NC TYPE OF ACCIDENT PHASE OF OPERATION GEAR COLLAPSED TAXI TO TAKEOFF  PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED CLEARANCE FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SOFT SHOULDERS MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE REMARKS- PILOT WAS ATTEMPTING A 180 DEGREE TURN ON A TAXIWAY WHEN THE RT MAIN LEFT THE PAVED SURFACE.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4240	9/24/77 TIME - 0216	FARMERSBURG, IN	BEECH 95-C55 N3754Q DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	AIRLINE TRANSPORT, AGE 44, 9500 TOTAL HOURS, 20 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT FENTON, MO	INTENDED DESTINATION DETROIT, MI			PHASE OF OPERATION IN FLIGHT NORMAL CRUISE	
	TYPE OF ACCIDENT AIRFRAME FAILURE IN FLIGHT					
	REMARKS- UNDER INVESTIGATION.					
3-2601	9/29/77 TIME - 0144	INDIANAPOLIS, IN	CESSNA 402 N8437F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 31, 4010 TOTAL HOURS, 30 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - INDIANAPOLIS MUNI	INTENDED DESTINATION FLINT, MI			PHASE OF OPERATION TAKEOFF INITIAL CLIMB	
	DEPARTURE POINT INDIANAPOLIS, IN					
	TYPE OF ACCIDENT STALL					
	PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - MISUSED OR FAILED TO USE FLAPS PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED FIRE AFTER IMPACT REMARKS- FULL FLAP TKOF.					
3-4093	12/13/77 TIME - 1922	EVANSVILLE, IN	DOUGLAS DC-3 N51071 DAMAGE-DESTROYED	CR- 3 0 0 PX- 26 0 0	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 42, 9100 TOTAL HOURS, 4600 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - EVANSVILLE RGNL	INTENDED DESTINATION NASHVILLE, TN			LAST ENROUTE STOP EVANSVILLE, IN	
	DEPARTURE POINT INDIANAPOLIS, IN				PHASE OF OPERATION TAKEOFF INITIAL CLIMB	
	TYPE OF ACCIDENT STALL MUSH					
	FIRE AFTER IMPACT REMARKS- UNDER INVESTIGATION.					

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4165	12/14/77 TIME - 1415	DAVENPORT, IA	PIPER PA-34 N1634H DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 23, 1425 TOTAL HOURS, 75 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - DAVENPORT MUNI DEPARTURE POINT INTENDED DESTINATION DAVENPORT, IA DAVENPORT, IA TYPE OF ACCIDENT COLLISION WITH GROUND/WATER CONTROLLED LAST ENROUTE STOP GARY, IN PHASE OF OPERATION LANDING TRAFFIC PATTERN-CIRCLING PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING PILOT IN COMMAND - IMPROPER IFR OPERATION FACTOR(S) WEATHER - LOW CEILING WEATHER - FOG WEATHER - ICING CONDITIONS-INCLUDES SLEET, FREEZING RAIN, ETC. MISCELLANEOUS ACTS, CONDITIONS - AIRFRAME ICE WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY RADIO WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT SKY CONDITION OVERCAST VISIBILITY AT ACCIDENT SITE 2 MILES OR LESS OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG WIND DIRECTION-DEGREES 240 TYPE OF WEATHER CONDITIONS BELOW MINIMUMS REMARKS- ACFT NOT EQUIPPED FOR FLT INTO ICING CONDITIONS. 1/2 TO 1 1/4 IN ICE FOUND ON VERTICAL STABILIZER.						
3-1139	4/20/77 TIME - 2215	OSBORNE, KS	CESSNA 320C N48325 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 33, 2199 TOTAL HOURS, 220 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - OSBORNE, KS DEPARTURE POINT INTENDED DESTINATION SALINA, KS OSBORNE, KS TYPE OF ACCIDENT COLLISION WITH GROUND/WATER CONTROLLED PHASE OF OPERATION LANDING TRAFFIC PATTERN-CIRCLING PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0266	3/3/77 TIME - 1000	PRESTONBURG,KY	BELL 206B N9929K DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 29, 1936 TOTAL HOURS, 1285 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - COMBS DEPARTURE POINT PRESTONBURG,KY INTENDED DESTINATION COAL MINE TYPE OF ACCIDENT ROLL OVER PHASE OF OPERATION TAKEDOFF VERTICAL PROBABLE CAUSE(S) PERSONNEL - MISCELLANEOUS-PERSONNEL PASSENGER MISCELLANEOUS ACTS,CONDITIONS - INTERFERENCE WITH FLIGHT CONTROLS REMARKS- PAX KNOCKED CONTROL OUT OF PLT'S HAND.						
3-3639	10/27/77 TIME - 2225	MADISONVILLE,KY	CESSNA 402A N45590 DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL.INSTR., AGE 24, 2378 TOTAL HOURS, 434 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - MADISONVILLE MUNI DEPARTURE POINT TUPELO,MS INTENDED DESTINATION DETROIT,MI TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLISION WITH GROUND/WATER CONTROLLED LAST ENROUTE STOP EVANSVILLE,IN PHASE OF OPERATION LANDING TRAFFIC PATTERN-CIRCLING 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 - IMPROPER IFR OPERATION PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION FACTOR(S) WEATHER - FOG TERRAIN - ROUGH/UNEVEN COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-2 ENGINES WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, IN PERSON WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP.						
SKY CONDITION PARTIAL OBSCURATION VISIBILITY AT ACCIDENT SITE 1/4 MILE OR LESS OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG TYPE OF WEATHER CONDITIONS IFR REMARKS- CARGO SHIFT PROB FACTOR IN DEGREE OF INJURY.MADE 2 APPS TO A/P THAT HAD WX BELOW APP MINIMUMS.						
CEILING AT ACCIDENT SITE UNKNOWN/NOT REPORTED PRECIPITATION AT ACCIDENT SITE NONE RELATIVE BEARING OF WIND CALM TYPE OF FLIGHT PLAN IFR						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4141	12/20/77 TIME - 2230	COVINGTON, KY	HAMILTON E18S N342T DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 25, 2311 TOTAL HOURS, 1009 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - GTR CINCINNATI DEPARTURE POINT INTENDED DESTINATION DAYTON, OH COVINGTON, KY TYPE OF ACCIDENT PHASE OF OPERATION HARD LANDING LANDING LEVEL OFF/TOUCHDOWN GEAR COLLAPSED LANDING ROLL PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS PILOT IN COMMAND - IMPROPER LEVEL OFF PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE REMARKS- DURING LATTER PORTION OF APP L ENG WAS ALLOWED TO SPOOL DOWN LOWER THAN RT ENG.						
3-0638	1/6/77 TIME - 1607	NR. MORGAN CITY, LA	BOLKOW B0105C N200BB DAMAGE-SUBSTANTIAL	CR- 1 0 0 PX- 0 0 3	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 52, 11079 TOTAL HOURS, 507 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION GULF OF MEXICO HOUMA, LA TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER UNCONTROLLED 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 - LOW CEILING WEATHER - RAIN MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER WEATHER BRIEFING - OTHER WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT SKY CONDITION CEILING AT ACCIDENT SITE OVERCAST 400 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 3 MILES OR LESS RAIN, RAIN SHOWERS OBSTRUCTIONS TO VISION AT ACCIDENT SITE TEMPERATURE-F FOG 60 WIND DIRECTION-DEGREES WIND VELOCITY-KNOTS 360 8 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN IFR OTHER REMARKS- COMPANY FLT PLAN WX BRIEFING						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4230	3/17/77 TIME - 1120	NR.INTRACSTL CY,LA	BELL 206B N90071 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 34, 7600 TOTAL HOURS, 667 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT INTRACSTL CY,LA	INTENDED DESTINATION LOCAL			PHASE OF OPERATION IN FLIGHT NORMAL CRUISE	
	TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE	MAIN ROTOR				
	REMARKS- UNDER INVESTIGATION.					
3-0792	4/22/77 TIME - 1445	NR.LEEVILLE,LA	BELL 206B N65AL DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 2 OT- 0 1 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 42, 3902 TOTAL HOURS, ALL IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - ST86 DEPARTURE POINT HOUMA LA	INTENDED DESTINATION LEEVILLE,LA			PHASE OF OPERATION STATIC IDLING ROTORS	
	TYPE OF ACCIDENT PROPELLER/ROTOR ACCIDENT TO PERSON					
	FACTOR(S) PERSONNEL - MISCELLANEOUS-PERSONNEL OTHER					
	REMARKS- WORKMAN WALKED INTO TAIL ROTOR					
3-1153	5/27/77 TIME - 1030	NR.MORGAN CITY,LA	CESSNA 180F N48091 DAMAGE-NONE	CR- 0 0 1 PX- 0 1 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 23, 2100 TOTAL HOURS, 1140 IN TYPE, NOT INSTRU- MENT RATED.
	DEPARTURE POINT HOUMA,LA	INTENDED DESTINATION MORGAN CITY,LA			PHASE OF OPERATION STATIC IDLING ENGINE(S)	
	TYPE OF ACCIDENT PROPELLER/ROTOR ACCIDENT TO PERSON					
	PROBABLE CAUSE(S) PERSONNEL - MISCELLANEOUS-PERSONNEL PASSENGER					
	REMARKS- PAX PROPERLY BRIEFED. DEPLANED CARELESSLY.					



## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1562	5/31/77 TIME - 1548	HOUMA, LA	CESSNA 185 N3345L DAMAGE-DESTROYED	CR- 1 0 0 PX- 2 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 39, 4690 TOTAL HOURS, 90 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - INTRACOASTAL DEPARTURE POINT INTENDED DESTINATION HOUMA, LA RETURN TYPE OF ACCIDENT COLLIDED WITH OBJECT  PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING FACTOR(S) WEATHER - RAIN WEATHER - HAIL WEATHER - THUNDERSTORM ACTIVITY MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER 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 HAZE WIND DIRECTION-DEGREES 270 TYPE OF WEATHER CONDITIONS BELOW MINIMUMS REMARKS- FLOAT PLANE MAKING APP. OVER CANAL FOR LNDG IN CANAL. COLLIDED WITH BRIDGE.						
CEILING AT ACCIDENT SITE 3000 PRECIPITATION AT ACCIDENT SITE HAIL, RAIN TEMPERATURE-F 74 WIND VELOCITY-KNOTS 8 TYPE OF FLIGHT PLAN NONE						
3-4229	6/7/77 TIME - 1040	NR. INTRACSTL CY, LA	BOLKOW BO-105 N90754 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 4	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 31, 7745 TOTAL HOURS, 227 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - VERMILLION BLK 39 DEPARTURE POINT INTENDED DESTINATION INTRACSTL CY, LA LOCAL TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION FIRE OR EXPLOSION IN FLIGHT  COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER REMARKS- UNDER INVESTIGATION.						
PHASE OF OPERATION IN FLIGHT DESCENDING IN FLIGHT DESCENDING						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1194	6/20/77 TIME - 1145	NR.CAMERON,LA	BOLKOW 80-105 N1528B DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 27, 3692 TOTAL HOURS, 137 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT WEST CAMERON 118 TYPE OF ACCIDENT AIRFRAME FAILURE IN FLIGHT ROLL OVER	INTENDED DESTINATION CAMERON,LA		PHASE OF OPERATION IN FLIGHT CLIMB TO CRUISE LANDING ROLL-ON/RUN-ON		
	PROBABLE CAUSE(S) MISCELLANEOUS - FOREIGN OBJECT DAMAGE PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER REMARKS- EXPLOSION HEARD,SOURCE UNDET. LARGE SHALLOW DENT FOUND ON OUTER SKIN ABOVE & BEHIND PILOTS SEAT.					
3-1874	8/24/77 TIME - 1600	NR.LAFAYETTE,LA	BELL 47G-4A N4004G DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 33, 2902 TOTAL HOURS, 139 IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIRPORT - S.MARSH ISLAND 23 DEPARTURE POINT LAFAYETTE,LA TYPE OF ACCIDENT ROLL OVER	INTENDED DESTINATION LOCAL		PHASE OF OPERATION TAKEOFF VERTICAL		
	PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING FIRE AFTER IMPACT REMARKS- PLT ATTEMPTED TKOF WITH RT SIDE OF HELICOPTER TIED DOWN.					
3-2197	9/16/77 TIME - 0755	HOUMA,LA	CESSNA 180F N91476 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 28, 9010 TOTAL HOURS, 1100 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT HOUMA,LA TYPE OF ACCIDENT COLLIDED WITH OBJECT	INTENDED DESTINATION HOUMA,LA		LAST ENROUTE STOP MUNSON SLIP,LA PHASE OF OPERATION LANDING OTHER		
	PROBABLE CAUSE(S) TERRAIN - HIDDEN OBSTRUCTIONS REMARKS- COLLIDED WITH UNSEEN,SUBMERGED OBJECT WHILE LANDING IN CANAL					

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3862	10/10/77 TIME - 1945	NR.GRAND CHENIER,LA	BELL 206B N157AL DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 35, 2010 TOTAL HOURS, 1231 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT NEW IBERIA,LA	INTENDED DESTINATION GRAND CHENIER,LA			
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER		PHASE OF OPERATION IN FLIGHT NORMAL CRUISE		
PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING						
FACTOR(S) WEATHER - LOW CEILING WEATHER - RAIN WEATHER - FOG WEATHER - THUNDERSTORM ACTIVITY WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT						
		SKY CONDITION BROKEN	CEILING AT ACCIDENT SITE 400			
		VISIBILITY AT ACCIDENT SITE 1 MILE OR LESS	PRECIPITATION AT ACCIDENT SITE RAIN			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG	TEMPERATURE-F 65			
		WIND DIRECTION-DEGREES 80	WIND VELOCITY-KNOTS 8			
		TYPE OF WEATHER CONDITIONS IFR	TYPE OF FLIGHT PLAN NONE			
REMARKS- PLT FLYING LOW BECAUSE OF DETERIORATING WEATHER						
3-3211	10/10/77 TIME - 1510	NR.INTRACOASTAL,LA	BOLKOW 80-105 N90760 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 33, 3878 TOTAL HOURS, 765 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT INTRACOASTAL,LA	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT COLLIDED WITH FENCE,FENCEPOSTS ROLL OVER		PHASE OF OPERATION LANDING POWER-ON LANDING LANDING POWER-ON LANDING		
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS FIRE AFTER IMPACT						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3861	12/8/77 TIME - 1200	NR. INTRACSTL CITY, LA	S.N.I.A.S. SA330J N4730S DAMAGE-DESTROYED	CR- 1 0 1 PX- 16 1 0	COMMERCIAL AIR TAXI-PASSG	ATP, FLIGHT INSTR., AGE 53, 16267 TOTAL HOURS, 450 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT INTRACASTAL CITY, LA	INTENDED DESTINATION LOCAL			PHASE OF OPERATION LANDING GO-AROUND	
	TYPE OF ACCIDENT COLLIDED WITH OBJECT					
	PROBABLE CAUSE(S) COPILOT - IMPROPER COMPENSATION FOR WIND CONDITIONS PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT COPILOT - DELAYED IN INITIATING GO-AROUND PERSONNEL - MISCELLANEOUS-PERSONNEL OTHER					
	FACTOR(S) WEATHER - UNFAVORABLE WIND CONDITIONS					
	SKY CONDITION BROKEN				CEILING AT ACCIDENT SITE 3200	
	VISIBILITY AT ACCIDENT SITE 5 OR OVER (UNLIMITED)				PRECIPITATION AT ACCIDENT SITE NONE	
	OBSTRUCTIONS TO VISION AT ACCIDENT SITE HAZE				RELATIVE BEARING OF WIND RIGHT QUARTERING HEAD WIND 023-067 DEGREES	
	TEMPERATURE-F 71				WIND DIRECTION-DEGREES 160	
	WIND VELOCITY-KNOTS 25				TYPE OF WEATHER CONDITIONS VFR	
	TYPE OF FLIGHT PLAN NONE					
	REMARKS- COLLIDED WITH CRANE CABLE. CRANE OPR FAILED TO PARK CRANE BOOM IN STOWED POSITION. WIND GUST 30K.					
3-3759	12/23/77 TIME - 1100	MARSH ISLAND, LA	CESSNA 180 N9047M DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL. INSTR., AGE 32, 3726 TOTAL HOURS, 1325 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT MARSH ISLAND, LA	INTENDED DESTINATION HOUMA, LA			PHASE OF OPERATION TAKEOFF RUN	
	TYPE OF ACCIDENT COLLIDED WITH DIRT BANK					
	PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING					
	FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - DOWNWIND					
	REMARKS- PLT ATTEMPTD TAKEOFF DNWIND ON 2500 FT CANAL					

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0978	4/15/77 TIME - 0610	PRESQUE ISLE, ME	PIPER PA-34 N33723 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 5	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL. INSTR., AGE 27, 2242 TOTAL HOURS, 90 IN TYPE, NOT INSTRU- MENT RATED.
NAME OF AIRPORT - NORTHERN MAINE DEPARTURE POINT INTENDED DESTINATION BANGOR, ME PRESQUE ISLE, ME TYPE OF ACCIDENT PHASE OF OPERATION GROUND-WATER LOOP-SWERVE TAXI FROM LANDING GEAR COLLAPSED TAXI FROM LANDING  PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED SPEED FACTOR(S) PERSONNEL - AIRPORT SUPERVISORY PERSONNEL IMPROPER/INADEQUATE SNOW REMOVAL AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS ICE/SLUSH ON RAMP/TAXIWAY AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS OTHER MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE REMARKS- TAXIWAY HAD 5DEG DOWNSLOPE & PATCH OF ICE. ACFT SLID ON ICE TO DRY TAXIWAY.						
3-2506	8/29/77 TIME - 1030	PATTEN, ME	CESSNA A185E N4569F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 41, 4160 TOTAL HOURS, 1003 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - PEAKED MTN POND DEPARTURE POINT INTENDED DESTINATION PATTEN, ME SHIN POND, PATTEN, ME TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH TREES TAKEOFF INITIAL CLIMB  PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - MISJUDGED DISTANCE, SPEED, AND ALTITUDE FACTOR(S) WEATHER - DOWNDRAFT, UPDRAFTS WEATHER - HIGH TEMPERATURE TERRAIN - OTHER  SKY CONDITION CEILING AT ACCIDENT SITE SCATTERED UNLIMITED VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 5 OR OVER (UNLIMITED) NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE TEMPERATURE-F NONE 92 WIND DIRECTION-DEGREES WIND VELOCITY-KNOTS 270 10 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN VFR NONE REMARKS- 2300FT WATER ROLL, UN OUTCLIMB SURROUNDING TERRAIN, MTN WEST OF POND, FLOAT EQPD.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0659	1/31/77 TIME - 2030	BOSTON,MA	BEECH E18S N8111 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 34, 4893 TOTAL HOURS, 1693 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - LOGAN INTL DEPARTURE POINT INTENDED DESTINATION KEEN,NH BOSTON,MA TYPE OF ACCIDENT PHASE OF OPERATION GROUND-WATER LOOP-SWERVE LANDING ROLL COLLIDED WITH SNOWBANK LANDING ROLL  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS FACTOR(S) WEATHER - UNFAVORABLE WIND CONDITIONS  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 WIND DIRECTION-DEGREES NONE 270 WIND VELOCITY-KNOTS TYPE OF WEATHER CONDITIONS 14 VFR TYPE OF FLIGHT PLAN NONE REMARKS- WIND GUSTING 18K.						
3-3307	6/14/77 TIME - 2200	NR.VINEYARD HAVEN,MA	CESSNA 207 N1718U DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 1 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 38, 3265 TOTAL HOURS, 82 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - MARTHA VINEYARD DEPARTURE POINT INTENDED DESTINATION FALMOUTH,MA VINEYARD HAVEN,MA TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH TREES LANDING FINAL APPROACH  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IFR OPERATION PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC. FACTOR(S) INSTRUMENTS/EQUIPMENT AND ACCESSORIES - COMMUNICATIONS AND NAVIGATION EQUIPMENT ILS RECEIVERS REMARKS- PIC REC'D IFR CLNC FM OTIS APCH CTL.WX BLO LNDG MIN.GLIDE SLOPE INDC OUT OF TOLERANCE.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3891	1/6/77 TIME - 1912	FLINT,MI	LEAR JET 23 N332PC DAMAGE-DESTROYED	CR- 2 0 0 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	AIRLINE TRANSPORT, AGE 56, 18320 TOTAL HOURS, 1648 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - BISHOP DEPARTURE POINT YPSILANTI,MI TYPE OF ACCIDENT STALL INTENDED DESTINATION FLINT,MI LAST ENROUTE STOP FLINT,MI PHASE OF OPERATION LANDING FINAL APPROACH PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED FACTOR(S) PERSONNEL - TRAFFIC CONTROL PERSONNEL ISSUED IMPROPER OR CONFLICTING INSTRUCTIONS PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT MISCELLANEOUS ACTS,CONDITIONS - POORLY PLANNED APPROACH FIRE AFTER IMPACT REMARKS- PLT HAD LMTD RECENT JET EXPERIENCE. VECTORED,CLRD FOR ILS BACK CUS 3NM SE OF MIDDLE MARKER.						
3-2253	3/25/77 TIME - 0045	DETROIT,MI	BEECH E18S N152JB DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	AIRLINE TRANSPORT, AGE 32, 4480 TOTAL HOURS, 3726 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - DETROIT CITY DEPARTURE POINT FORT WAYNE,IN TYPE OF ACCIDENT GEAR RETRACTED INTENDED DESTINATION DETROIT,MI PHASE OF OPERATION LANDING ROLL PROBABLE CAUSE(S) AIRFRAME - LANDING GEAR GEAR LOCKING MECHANISM MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE REMARKS- DRAG LINK P/N 404-18845-6 FAILED.						
3-0903	4/28/77 TIME - 0816	GRAND RAPIDS,MI	PIPER PA-31 N7404L DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 33, 5895 TOTAL HOURS, 1415 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - KENT CO INT'L DEPARTURE POINT GRAND RAPIDS,MI TYPE OF ACCIDENT WHEELS-UP INTENDED DESTINATION PONTIAC,MI PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) AIRFRAME - LANDING GEAR NORMAL RETRACTION/EXTENSION ASSEMBLY MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE MISCELLANEOUS ACTS,CONDITIONS - JAMMED REMARKS- RT MAIN GEAR AND INBOARD DOOR JAMMED.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4006	8/31/77 TIME - 0403	YPSILANTI,MI	BEECH C-45H N125TF DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	AIRLINE TRANSPORT, AGE 38, 6331 TOTAL HOURS, 851 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - WILLOW RUN DEPARTURE POINT INTENDED DESTINATION CLEVELAND,OH YPSILANTI,MI 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  SKY CONDITION CEILING AT ACCIDENT SITE PARTIAL OBSCURATION UNLIMITED VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 1/2 MILE OR LESS NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE TYPE OF WEATHER CONDITIONS FOG BELOW MINIMUMS TYPE OF FLIGHT PLAN IFR						
3-4254	10/16/77 TIME - 0845	FLAT ROCK,MI	SIKORSKY S-58E N99275 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 33, 7000 TOTAL HOURS, 4000 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION MONROE,MI FLAT ROCK,MI TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT HOVERING HARD LANDING LANDING POWER-OFF AUTOROTATIVE LANDING  COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- UNDER INVESTIGATION.						
3-3995	12/1/77 TIME - 1932	SAGINAW,MI	CESSNA 310P N310AW DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 24, 1695 TOTAL HOURS, 77 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - TRI-CITY DEPARTURE POINT INTENDED DESTINATION SAGINAW,MI GRAND RAPIDS,MI TYPE OF ACCIDENT PHASE OF OPERATION GEAR COLLAPSED TAXI TO TAKEOFF  PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE INSPECTION OF AIRCRAFT (MAINTENANCE PERSONNEL) AIRFRAME - LANDING GEAR NORMAL RETRACTION/EXTENSION ASSEMBLY MISCELLANEOUS ACTS,CONDITIONS - IMPROPER ALIGNMENT/ADJUSTMENT REMARKS- LDG GEAR IMPROPERLY RIGGED.						



## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2470	6/12/77 TIME - 0745	OAK ISLAND,MN	CESSNA 180 N5107E DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 39, 4000 TOTAL HOURS, 200 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - BONNIE BRAE SPB DEPARTURE POINT INTENDED DESTINATION INTL FALLS,MN OAK ISLAND,MN TYPE OF ACCIDENT NOSE OVER/DOWN  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS REMARKS- L WNG TIP CONTACTED WATER,CARTWHEELED.FLOAT EQPD  PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN						
3-4112	11/14/77 TIME - 1610	BEMIDJI,MN	HILLER UH-12E N8286 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 47, 5425 TOTAL HOURS, 274 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - BEMIDJI MUNI DEPARTURE POINT INTENDED DESTINATION ERSKINE,MN BEMIDJI,MN TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD 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) POWERPLANT - POWERPLANT-INSTRUMENTS FUEL QUANTITY GAUGE MISCELLANEOUS ACTS,CONDITIONS - IMPROPER ALIGNMENT/ADJUSTMENT COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND  PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING POWER-OFF AUTOROTATIVE LANDING						
3-0770	3/17/77 TIME - 1945	MADISON,MS	CESSNA 402 N45300 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 30, 2700 TOTAL HOURS, 125 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - BRUCE CAMPBELL DEPARTURE POINT INTENDED DESTINATION MEMPHIS,TN JACKSON,MS TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH TREES  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) TERRAIN - HIGH OBSTRUCTIONS COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-2 ENGINES EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND  PHASE OF OPERATION IN FLIGHT DESCENDING LANDING FINAL APPROACH						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3896	10/20/77 TIME - 1852	GILLSBURG,MS	CONVAIR 240 N55VM DAMAGE-DESTROYED	CR- 2 0 0 PX- 4 19 1	COMMERCIAL - AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 34, 6802 TOTAL HOURS, 68 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT GREENVILLE,SC	INTENDED DESTINATION BATON ROUGE,LA			PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING FINAL APPROACH	
	TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH TREES					
	COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-2 ENGINES EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- UNDER INVESTIGATION.					
3-2116	3/23/77 TIME - 0830	LUTESVILLE,MO	BEECH V-35 N5928S DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 55, 16000 TOTAL HOURS, 4000 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT SPRINGFIELD,MO	INTENDED DESTINATION CAPE GIRARDEAU,MO			PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING LEVEL OFF/TOUCHDOWN	
	TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION NOSE OVER/DOWN					
	PROBABLE CAUSE(S) POWERPLANT - ENGINE STRUCTURE CRANKSHAFT MISCELLANEOUS ACTS,CONDITIONS - LACK OF LUBRICATION-SPECIFIC PART,NOT SYSTEM MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE TERRAIN - ROUGH/UNEVEN FACTOR(S) MISCELLANEOUS - SMOKE IN COCKPIT COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- #2 MAIN BEARING FAILED.					
3-2834	6/23/77 TIME - 1245	SPRINGFIELD,MO	CESSNA 421B N62900 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 5	COMMERCIAL AIR TAXI-PASSG	ATP,FLIGHT INSTR., AGE 34, 4800 TOTAL HOURS, 2500 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - SPRINGFIELD,MO	INTENDED DESTINATION NORFOLK VA			PHASE OF OPERATION IN FLIGHT CLIMB TO CRUISE	
	DEPARTURE POINT SPRINGFIELD,MO					
	TYPE OF ACCIDENT FIRE OR EXPLOSION IN FLIGHT					
	PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION MISCELLANEOUS ACTS,CONDITIONS - FIRE IN ENGINE POWERPLANT - EXHAUST SYSTEM STACKS EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP.T. REMARKS- RIGHT ENGINE SLIP JOINT ASSEMBLY FAILED ALLOWINGHEAT TO MELT FUEL LINE.PART NUMBER 5155158-9					

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2332	9/17/77 TIME - 1659	BRANSON,MO	BELL 47J N8579F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 4	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 32, 3630 TOTAL HOURS, 732 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - WALMART HELIPORT DEPARTURE POINT INTENDED DESTINATION BRANSON,MO LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH DIRT BANK TAKEOFF VERTICAL  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS FACTOR(S) WEATHER - UNFAVORABLE WIND CONDITIONS  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 TEMPERATURE-F NONE 75 WIND DIRECTION-DEGREES WIND VELOCITY-KNOTS 180 10 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN VFR NONE REMARKS- SKID STRUCK SHOULDER OF ACCESS ROAD.						
3-4142	11/1/77 TIME - 0530	ODESSA,MO	CESSNA 210L N29161 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 50, 2579 TOTAL HOURS, 795 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION HIGGINSVILLE,MO BIRMINGHAM,AL TYPE OF ACCIDENT COLLIDED WITH TREES LAST ENROUTE STOP ODESSA,MO PHASE OF OPERATION 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) PERSONNEL - WEATHER PERSONNEL INCORRECT WEATHER FORECAST 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 OVERCAST UNKNOWN/NOT REPORTED VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE UNKNOWN/NOT REPORTED NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE TEMPERATURE-F GROUND FOG 57 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN IFR NONE REMARKS- PLT BRIEFED ON WX 12 HRS PRIOR TO FLT-NO FOG FORECAST FOR LOCAL AREA AT TIME.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2795	9/1/77 TIME - 1045	NR.MISSOULA,MT	BELL 47G3B2 N7937J DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 49, 5040 TOTAL HOURS, 650 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT MCKINLEY LAKE DAM,MT	INTENDED DESTINATION LOCAL	PHASE OF OPERATION IN FLIGHT CLIMB TO CRUISE LANDING POWER-OFF AUTOROTATIVE LANDING		
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION DITCHING				
		PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS TERRAIN - OTHER EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER REMARKS- ENG FAIL AT LOW ALT OVER LAKE.				
3-1821	6/25/77 TIME - 1230	NR.ASH SPRINGS,NV	BELL 47SG N979B DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 24, 4380 TOTAL HOURS, 9 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT ASH SPRINGS,NV	INTENDED DESTINATION RETURN	PHASE OF OPERATION LANDING POWER-ON LANDING		
		TYPE OF ACCIDENT HARD LANDING				
		PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. FACTOR(S) WEATHER - HIGH DENSITY ALTITUDE				
		SKY CONDITION SCATTERED VISIBILITY AT ACCIDENT SITE 5 OR OVER(UNLIMITED) OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE WIND DIRECTION-DEGREES 220 TYPE OF WEATHER CONDITIONS VFR REMARKS- DA APPROX 11300FT. WND GUSTING TO 15KTS.				
		CEILING AT ACCIDENT SITE UNLIMITED PRECIPITATION AT ACCIDENT SITE NONE TEMPERATURE-F 78 WIND VELOCITY-KNOTS 5 TYPE OF FLIGHT PLAN NONE				

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3475	9/4/77 TIME - 0110	HIGHTSTOWN,NJ	BELL 206L N49575 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 32, 3090 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT NEPTUNE,NJ			INTENDED DESTINATION ROBBINSVILLE,NJ		PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING POWER-OFF AUTOROTATIVE LANDING	
TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING						
PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.						
FACTOR(S) TERRAIN - HIGH VEGETATION COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- TOTAL DRAINED AND COLLECTED FUEL - 20 OZ. PLT AUTOROTATED TO LARGE OPEN FIELD.						
3-0316	1/28/77 TIME - 0653	SILVER CITY,NM	CESSNA 402A N78100 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 31, 4425 TOTAL HOURS, 1500 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - GRANT COUNTY			INTENDED DESTINATION ALBUQUERQUE,NM		LAST ENROUTE STOP SILVER CITY,NM	
DEPARTURE POINT LAS CRUCES,NM						
TYPE OF ACCIDENT FIRE OR EXPLOSION ON GROUND			PHASE OF OPERATION TAXI FROM LANDING			
PROBABLE CAUSE(S) POWERPLANT - FUEL SYSTEM OTHER MISCELLANEOUS ACTS,CONDITIONS - LEAK/LEAKAGE						
FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - FIRE IN WING REMARKS- FUEL LEAK IN LEFT WING FROM UNDETERMINED SOURCE.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1085	6/14/77 TIME - 1130	NR.FARMINGTON,NM	CESSNA 210 N1623X DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 32, 5300 TOTAL HOURS, 100 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT VERNAL,UT	INTENDED DESTINATION FARMINGTON,NM			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH TREES		PHASE OF OPERATION IN FLIGHT NORMAL CRUISE 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) TERRAIN - HIGH OBSTRUCTIONS COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
3-3233	8/11/77 TIME - UNK/NR	NR.ENGLE,NM	CESSNA U206 N8062Z DAMAGE-DESTROYED	CR- 1 0 0 PX- 3 0 0	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 49, 3929 TOTAL HOURS, UNK/NR IN TYPE, INSTRU- MENT RATED.
		DEPARTURE POINT ALBUQUERQUE,NM	INTENDED DESTINATION LAS CRUCES,NM			
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER CONTROLLED		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 - THUNDERSTORM ACTIVITY MISCELLANEOUS ACTS,CONDITIONS - FLEW INTO BLIND CANYON WEATHER BRIEFING - PARTIAL BRIEFING BY FLIGHT SERVICE PERSONNEL, BY PHONE/RADIO, LIMITED BY PILOT ACTION WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT MISSING AIRCRAFT - LATER RECOVERED						
		SKY CONDITION UNKNOWN/NOT REPORTED		CEILING AT ACCIDENT SITE UNKNOWN/NOT REPORTED		
		VISIBILITY AT ACCIDENT SITE UNKNOWN/NOT REPORTED		PRECIPITATION AT ACCIDENT SITE THUNDERSTORM, RAIN SHOWERS		
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE UNKNOWN/NOT REPORTED		TYPE OF WEATHER CONDITIONS UNKNOWN/NOT REPORTED		
		TYPE OF FLIGHT PLAN NONE				
REMARKS- FSS ADZD TSTM ACTVY ENRT.SVR TSTMS REPORTED IN AREA.RECOVERY DATE 8/13/77.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3534	8/25/77 TIME - 1630	CLOVIS,NM	CESSNA 402 N9900F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 29, 1850 TOTAL HOURS, 220 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - CLOVIS MUNI DEPARTURE POINT INTENDED DESTINATION LUBBOCK, TX CLOVIS,NM TYPE OF ACCIDENT PHASE OF OPERATION GEAR RETRACTED TAXI FROM LANDING  PROBABLE CAUSE(S) AIRFRAME - LANDING GEAR MAIN GEAR-SHOCK ABSORBING ASSY,STRUTS,ATTACHMENTS,ETC. MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE INSPECTION OF AIRCRAFT (MAINTENANCE PERSONNEL) REMARKS- CESSNA SERVICE LETTER ME-76-2 NOT COMPLIED WITH.						
3-3895	10/22/77 NR.CORONA,NM TIME - 0145		PIPER PA-23 N1906T DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 24, 1800 TOTAL HOURS, 300 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION ROSWELL,NM ALBUQUERQUE,NM TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER CONTROLLED IN FLIGHT NORMAL CRUISE  PROBABLE CAUSE(S) PILOT IN COMMAND - BECAME LOST/DISORIENTED PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC. FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS FIRE AFTER IMPACT REMARKS- DARK NIGHT,VFR CONDITIONS.10MILES S OF COURSE,HIT MTN PEAK.NORMALLY FLEW AIRWAYS.						
3-0110	2/10/77 ITHACA,NY TIME - 0125		PIPER PA-31 N7510L DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 6	COMMERCIAL AIR TAXI-PASSG	ATP,FLIGHT INSTR., AGE 34, 5900 TOTAL HOURS, 1900 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - TOMPKINS CO DEPARTURE POINT INTENDED DESTINATION ITHACA,NY RETURN TYPE OF ACCIDENT LAST ENROUTE STOP ENGINE FAILURE OR MALFUNCTION BOSTON,MA COLLIDED WITH TREES LANDING FINAL APPROACH LANDING FINAL APPROACH  PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC. PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION MISCELLANEOUS ACTS,CONDITIONS - FAILURE OF TWO OR MORE ENGINES TERRAIN - HIGH OBSTRUCTIONS COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-2 ENGINES EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- FUEL EX FM L TANKS.CROSSFEED ON,ELECT AUX PUMP ON L OUTBOARD ON.AIR INTRO TO R ENG THRU CROSSFEED.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0215	2/10/77 TIME - 0740	BROCKPORT, NY	PIPER PA-23 N40219 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-CARGO	AIRLINE TRANSPORT, AGE 29, 4500 TOTAL HOURS, 600 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - LEDGEDALE AIRPARK DEPARTURE POINT INTENDED DESTINATION BROCKPORT, NY TETERBORO, NJ TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH SNOWBANK TAKEOFF RUN PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED CLEARANCE FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SNOW ON RUNWAY AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SNOW WINDROWS						
3-2138	5/27/77 TIME - 1830	NEW YORK, NY	CESSNA 185 N3351L DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 25, 1000 TOTAL HOURS, 650 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - EAST RIVER DEPARTURE POINT INTENDED DESTINATION FIRE ISLAND, NY NEW YORK, NY TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH OBJECT TAXI FROM LANDING PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS FACTOR(S) TERRAIN - ROUGH WATER REMARKS- FLOAT EQPD.DRIFTED INTO PIER.						
3-3724	7/20/77 TIME - 2152	CHEEKTOWAGA, NY	PIPER PA-31 N406CA DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0 OT- 0 1 0	COMMERCIAL AIR TAXI-CARGO	ATP, FLIGHT INSTR.. AGE 29, 8300 TOTAL HOURS, 7735 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - BUFFALO INTL DEPARTURE POINT INTENDED DESTINATION BUFFALO, NY ROCHESTER, NY TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER UNCONTROLLED LANDING FINAL APPROACH PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS PILOT IN COMMAND - PHYSICAL IMPAIRMENT FIRE AFTER IMPACT REMARKS- HYPERTENSIVE HEMORRHAGE OF LEFT BASIL GANGLIA.						



## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2309	7/22/77 TIME - 1920	SALTAIRE,NY	CESSNA 185F N4690C DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 22, 1500 TOTAL HOURS, 1330 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - SALTAIRE BASE DEPARTURE POINT INTENDED DESTINATION NEW YORK CITY,NY SALTAIRE,NY TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH OBJECT TAXI FROM LANDING NOSE OVER/DOWN TAXI FROM LANDING  PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS FACTOR(S) TERRAIN - HIDDEN OBSTRUCTIONS REMARKS- ACFTS LANDING FLOAT STRUCK AN UNDERWATER OBJECT WHILE TAXIING. FLOAT FILLED WITH WATER ACFT SANK.						
3-3184	10/13/77 TIME - 1100	MEREDITH,NY	BEECH C24R N2250L DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL.INSTR., AGE 30, 2700 TOTAL HOURS, 60 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION FLUSHING,NY MEREDITH,NY TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT NORMAL CRUISE COLLIDED WITH TREES 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) TERRAIN - HIGH OBSTRUCTIONS COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
3-3930	12/15/77 TIME - 0015	HUDSON,NY	CESSNA 310 N1731G DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 28, 5363 TOTAL HOURS, 2055 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - COLUMBIA COUNTY DEPARTURE POINT INTENDED DESTINATION JAMAICA,NY ALBANY,NY TYPE OF ACCIDENT LAST ENROUTE STOP COLLIDED WITH SNOWBANK HUDSON,NY PHASE OF OPERATION LANDING ROLL  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT FACILITIES RUNWAY LIGHTING REMARKS- RUNWAY/STRIP LIGHTS AND VASI.WEST SIDE RNWY LIGHTS OBSCURED BY SNOW.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4176	12/22/77 TIME - 0924	NR.BUFFALO,NY	CESSNA 404 N404SA DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	AIRLINE TRANSPORT, AGE 31, 4700 TOTAL HOURS, 51 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT OSHAWA,CANADA	INTENDED DESTINATION BUFFALO,NY	PHASE OF OPERATION UNKNOWN/NOT REPORTED		
		TYPE OF ACCIDENT UNDETERMINED				
		PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED				
		REMARKS- UNIDENTIFIED DEBRIS SIGHTED IN HEAVY SEAS ON LAKE ONTARIO,NOT RECOVERED. INJURY INDEX PRESUMED.				
3-1753	3/8/77 TIME - 2215	CHARLOTTE,NC	PIPER PA-34 N41941 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0 OT- 0 0 2	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL.INSTR., AGE 29, 2390 TOTAL HOURS, 535 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - DOUGLAS MUNICIPAL	INTENDED DESTINATION ATLANTA,GA	PHASE OF OPERATION TAKEOFF RUN		
		DEPARTURE POINT CHARLOTTE,NC				
		TYPE OF ACCIDENT COLLIDED WITH OBJECT				
		PROBABLE CAUSE(S) PERSONNEL - TRAFFIC CONTROL PERSONNEL OTHER				
		REMARKS- FIRE TRUCK CLRD ACROSS RWY WHILE N41941 ROLLING.CONTROLLERS VIEW OBSTRUCTED BY DC-10.				
3-1751	6/9/77 TIME - 2250	GREENSBORO,NC	CESSNA 182 N3574Y DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE UNK/NR, 665 TOTAL HOURS, 131 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - AIR HARBOR	INTENDED DESTINATION GREENSBORO,NC	PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN LANDING ROLL		
		DEPARTURE POINT GALION,OH				
		TYPE OF ACCIDENT OVERSHOOT NOSE OVER/DOWN				
		PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND				
		FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - PILOT FATIGUE MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY				
		REMARKS- 10HRS FLT IN LAST 24.				

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1308	6/13/77 TIME - 1528	RALEIGH, NC	PIPER PA-32 N33373 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 1 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 24, 611 TOTAL HOURS, 30 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - RALEIGH DURHAM DEPARTURE POINT INTENDED DESTINATION SOUTHERN PINES, NC RALEIGH, NC TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION LANDING FINAL APPROACH COLLIDED WITH TREES LANDING FINAL APPROACH  PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC. PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS, CONDITIONS - FUEL STARVATION MISCELLANEOUS ACTS, CONDITIONS - IMPROPER EMERGENCY PROCEDURES FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- FUEL SELECTOR FOUND IN LEFT TIP TANK POSITION, TANK EMPTY.						
3-4032	12/28/77 TIME - 1900	RAEFORD, NC	PIPER PA-32 N121MB DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 24, 1756 TOTAL HOURS, 255 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - RAEFORD MUNICIPAL DEPARTURE POINT INTENDED DESTINATION LEXINGTON, KY FAYETTEVILLE, NC TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT DESCENDING 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 SIPHONING MISCELLANEOUS ACTS, CONDITIONS - FUEL EXHAUSTION COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- LEFT MAIN FUEL TANK FILLER CAP MISSING						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0675	1/20/77 TIME - 0247	YOUNGSTOWN, OH	BEECH G18S N9633R DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL. INSTR., AGE 42, 11110 TOTAL HOURS, 3050 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - YOUNGSTOWN MUNICI DEPARTURE POINT INTENDED DESTINATION YOUNGSTOWN, OH PONTIAC, MI TYPE OF ACCIDENT PHASE OF OPERATION GROUND-WATER LOOP-SWERVE TAKEOFF RUN PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS PILOT IN COMMAND - EXERCISED POOR JUDGMENT FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SNOW ON RUNWAY REMARKS- PILOT HAD LIMITED USE OF LEGS AS A RESULT OF A PRIOR LOSS OF CONTROL IN SAME TYPE AIRCRAFT.						
3-0089	1/24/77 TIME - 0715	HAMILTON, OH	PIPER PA-32 N3528W DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 32, 4202 TOTAL HOURS, 402 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - HAMILTON DEPARTURE POINT INTENDED DESTINATION HAMILTON, OH CINCINNATI, OH TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH SNOWBANK TAKEOFF RUN PROBABLE CAUSE(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT FACILITIES RUNWAY LIGHTING PERSONNEL - AIRPORT SUPERVISORY PERSONNEL IMPROPER/INADEQUATE SNOW REMOVAL PILOT IN COMMAND - MISJUDGED CLEARANCE REMARKS- 3 FT HI SNOWBANKS BLOCKED VIEW OF RWY LIGHTS.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4181	2/23/77 TIME - 1735	WORTHINGTON, OH	PIPER PA-31 N9119Y DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 1 1	COMMERCIAL AIR TAXI-PASSG	ATP, FLIGHT INSTR., AGE 42, 6009 TOTAL HOURS, 200 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - OHIO STATE U. DEPARTURE POINT INTENDED DESTINATION BINGHAMTON, NY WORTHINGTON, OH TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT DESCENDING COLLISION WITH GROUND/WATER CONTROLLED IN FLIGHT DESCENDING  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 FACTOR(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS 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 FIRE AFTER IMPACT						
3-4245	7/1/77 TIME - 1346	PUT-IN-BAY, OH	FORD 4-AT-B N7584 DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 40, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, INSTRU- MENT RATED.
NAME OF AIRPORT - PUT-IN-BAY DEPARTURE POINT INTENDED DESTINATION PUT-IN-BAY, OH LOCAL TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT NORMAL CRUISE COLLIDED WITH WIRES/POLES LANDING TRAFFIC PATTERN-CIRCLING  EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP.						
REMARKS- UNDER INVESTIGATION.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3280	11/1/77 TIME - 0450	CLEVELAND, OH	BEECH G-18S N120ZZ DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 32, 2440 TOTAL HOURS, 565 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - CLEVELAND HOPKINS DEPARTURE POINT CLEVELAND, OH TYPE OF ACCIDENT AIRFRAME FAILURE ON GROUND GROUND-WATER LOOP-SWERVE	INTENDED DESTINATION DETROIT, MI	PHASE OF OPERATION TAKEOFF RUN TAKEOFF RUN		
		PROBABLE CAUSE(S) AIRFRAME - LANDING GEAR TAILWHEEL ASSEMBLIES MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE MISCELLANEOUS ACTS, CONDITIONS - PREVIOUS DAMAGE PERSONNEL - MAINTENANCE, SERVICING, INSPECTION INADEQUATE MAINTENANCE AND INSPECTION PILOT IN COMMAND - FAILED TO USE OR INCORRECTLY USED MISC. EQUIPMENT FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS WET RUNWAY WEATHER - UNFAVORABLE WIND CONDITIONS				
		SKY CONDITION UNKNOWN/NOT REPORTED VISIBILITY AT ACCIDENT SITE 5 OR OVER (UNLIMITED) OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE WIND DIRECTION-DEGREES 160 TYPE OF WEATHER CONDITIONS VFR		CEILING AT ACCIDENT SITE 7000 PRECIPITATION AT ACCIDENT SITE RAIN RELATIVE BEARING OF WIND LEFT CROSS WIND 248-292 DEGREES WIND VELOCITY-KNOTS 14 TYPE OF FLIGHT PLAN IFR		
		REMARKS- LEFT SEAT SLID BACK. PIC WAS UNABLE TO REACH BRAKE PEDALS. WIND GUSTS TO 20K.				
3-0797	5/6/77 TIME - 1945	NR. DURANT, OK	BEECH 95-55 N414R DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	ATP, FLIGHT INSTR., AGE 24, 2116 TOTAL HOURS, 336 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT TULSA, OK TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES	INTENDED DESTINATION DALLAS, TX	PHASE OF OPERATION IN FLIGHT BUZZING		
		PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS FACTOR(S) PILOT IN COMMAND - EXERCISED POOR JUDGMENT MISCELLANEOUS ACTS, CONDITIONS - UNWARRANTED LOW FLYING 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
3-0243	2/2/77 TIME - 2023	MORO,OR	PIPER PA-23 N484G DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL.INSTR., AGE 39, 4500 TOTAL HOURS, 700 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT                      INTENDED DESTINATION                      LAST ENROUTE STOP ONTARIO,OR                              VANCOUVER,WA                      DALLESPT,WA TYPE OF ACCIDENT                      PHASE OF OPERATION COLLISION WITH GROUND/WATER UNCONTROLLED                      IN FLIGHT NORMAL CRUISE  PROBABLE CAUSE(S) PILOT IN COMMAND - INCAPACITATION MISCELLANEOUS ACTS,CONDITIONS - PILOT FATIGUE MISSING AIRCRAFT - LATER RECOVERED REMARKS- RCVRD 2/4/77.COLLIDED WITH RISING TERRAIN IN LEVEL POWERED FLIGHT.MISSED TURN IN PROPOSED ROUTE.						
3-2072	8/3/77 TIME - 1820	KLAMATH FALLS,OR	CESSNA 210L N92PF DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	AIRLINE TRANSPORT; AGE 26, 2698 TOTAL HOURS, 155 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - KLAMATH FALLS MUN DEPARTURE POINT                      INTENDED DESTINATION LAKEVIEW,OR                              KLAMATH FALLS,OR TYPE OF ACCIDENT                      PHASE OF OPERATION COLLISION WITH GROUND/WATER UNCONTROLLED                      LANDING FINAL APPROACH  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING MISCELLANEOUS - VORTEX TURBULENCE REMARKS- SHORT APCH FOR MIDFIELD T/D.ENCOUNTERED WAKE TURBC FM P3 ON TOUCH & GO.						
3-2147	2/8/77 TIME - 1130	PHILADELPHIA,PA	BELL 206B N83005 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL. AGE 30, 2617 TOTAL HOURS, 148 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - MAJESTIC PRESS DEPARTURE POINT                      INTENDED DESTINATION PHILADELPHIA,PA                              LOCAL TYPE OF ACCIDENT                      PHASE OF OPERATION HARD LANDING                              LANDING POWER-ON LANDING GEAR COLLAPSED                              LANDING POWER-ON LANDING  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4157	9/29/77 TIME - 0758	MERCER, PA	CESSNA 402B N69338 DAMAGE-DESTROYED	CR- 2 0 0 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL.INSTR., AGE 25, 4789 TOTAL HOURS, 454 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION BUFFALO, NY BEAVER FALLS, PA TYPE OF ACCIDENT PHASE OF OPERATION FIRE OR EXPLOSION IN FLIGHT IN FLIGHT NORMAL CRUISE PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION INADEQUATE INSPECTION OF AIRCRAFT (MAINTENANCE PERSONNEL) POWERPLANT - EXHAUST SYSTEM MANIFOLDS MISCELLANEOUS ACTS, CONDITIONS - FATIGUE FRACTURE POWERPLANT - FUEL SYSTEM LINES AND FITTINGS MISCELLANEOUS ACTS, CONDITIONS - LEAK/LEAKAGE MISCELLANEOUS ACTS, CONDITIONS - EXCESSIVE TEMPERATURE MISCELLANEOUS ACTS, CONDITIONS - FIRE IN WING FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS REMARKS- MANIFOLD COUPLE P/N085072-39 3IN CRACK PERMITD EXH GAS INTO WING ONTO LEAKING FUEL VALVE.						
3-3482	10/26/77 TIME - 1735	EBENSBURG, PA	BEECHCRAFT B58 N830CC DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL.INSTR., AGE 29, 1483 TOTAL HOURS, 87 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - EBENSBURG DEPARTURE POINT INTENDED DESTINATION EBENSBURG, PA JOHNSTOWN, PA TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH TREES TAKEOFF INITIAL CLIMB PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - FAILED TO ABORT TAKEOFF PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED REMARKS- AT ROTATION THE FORWARD ENTRANCE DOOR POPPED OPEN.						
3-3840	11/13/77 TIME - 1240	PROVIDENCE, RI	CESSNA 172 N79041 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 33, 2650 TOTAL HOURS, 560 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - TF GREEN DEPARTURE POINT INTENDED DESTINATION BLOCK ISLAND, RI PROVIDENCE, RI TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH AUTOMOBILE TAXI OTHER PROBABLE CAUSE(S) PILOT IN COMMAND - STARTED ENGINE WITHOUT PROPER ASSISTANCE/EQUIPMENT REMARKS- PIC HAND PROPPED UNATTENDED AIRCRAFT. ENGINE STARTED. AIRCRAFT TAXIIED INTO PARKED AUTOMOBILES.						



## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0876	1/10/77 TIME - 1045	CHARLESTON, SC	CESSNA 205 N4831U DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 38, 1064 TOTAL HOURS, 12 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - CHARLESTON MUNI DEPARTURE POINT INTENDED DESTINATION HILTON HEAD, SC. CHARLESTON, SC TYPE OF ACCIDENT PHASE OF OPERATION GROUND-WATER LOOP-SWERVE LANDING ROLL NOSE OVER/DOWN LANDING ROLL  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS FACTOR(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING WEATHER - UNFAVORABLE WIND CONDITIONS  SKY CONDITION CEILING AT ACCIDENT SITE UNKNOWN/NOT REPORTED UNKNOWN/NOT REPORTED VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 5 OR OVER(UNLIMITED) NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE RELATIVE BEARING OF WIND NONE LEFT QUARTERING HEAD WIND 293-337 DEGREES TEMPERATURE-F WIND DIRECTION-DEGREES 55 270 WIND VELOCITY-KNOTS TYPE OF WEATHER CONDITIONS 15 VFR TYPE OF FLIGHT PLAN NONE REMARKS- WND GUSTING 22K PEAK GUSTS 38K						
3-2590	7/25/77 TIME - 1630	CHARLESTON, SC	LAKE LA-4 N6058V DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL. INSTR., AGE 23, 1604 TOTAL HOURS, 68 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION CHARLESTON, SC UNKNOWN/NOT REPORTED TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH OBJECT TAXI TO TAKEOFF  PROBABLE CAUSE(S) MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION PERSONNEL - MISCELLANEOUS-PERSONNEL OTHER FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER REMARKS- AIRCRAFT HIT CONCRETE WALL WHILE ATTEMPTING TO AVOID APPROACHING BOAT.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1490	5/2/77 TIME - 1503	KNOXVILLE, TN	BEECH 58P N6039S DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 33, 3966 TOTAL HOURS, 220 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - DOWNTOWN DEPARTURE POINT KNOXVILLE, TN INTENDED DESTINATION WASHINGTON, DC TYPE OF ACCIDENT COLLIDED WITH DIRT BANK PHASE OF OPERATION TAKEOFF ABORTED PROBABLE CAUSE(S) PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF MISCELLANEOUS ACTS, CONDITIONS - HYDROPLANING ON WET RUNWAY AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS WET RUNWAY FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - RAN OFF END OF RUNWAY						
3-0812	1/27/77 TIME - 2125	DALLAS, TX	PIPER PA-31 N6498L DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 0 OT- 0 0 1	COMMERCIAL AIR TAXI-CARGO	AIRLINE TRANSPORT, AGE 42, 10025 TOTAL HOURS, 410 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - LOVE FIELD DEPARTURE POINT DALLAS, TX INTENDED DESTINATION ST LOUIS MO TYPE OF ACCIDENT COLLISION WITH AIRCRAFT BOTH ON GROUND PHASE OF OPERATION TAXI TO TAKEOFF PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED CLEARANCE FACTOR(S) PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT WEATHER - LOW CEILING 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 OVERCAST CEILING AT ACCIDENT SITE 300 VISIBILITY AT ACCIDENT SITE 4 MILES OR LESS PRECIPITATION AT ACCIDENT SITE NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG TEMPERATURE-F 46 WIND DIRECTION-DEGREES 360 WIND VELOCITY-KNOTS 6 TYPE OF WEATHER CONDITIONS IFR TYPE OF FLIGHT PLAN IFR REMARKS- MOISTURE ON WINDSHIELD.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0304	3/2/77 TIME - 1400	PAMPA, TX	CESSNA U206F N33214 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL. INSTR., AGE 24, 284 TOTAL HOURS, 22 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - PERRY LEFORS DEPARTURE POINT INTENDED DESTINATION ALAMOGORDO, NM HENDERSON, KY TYPE OF ACCIDENT NOSE OVER/DOWN  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS FACTOR(S) WEATHER - UNFAVORABLE WIND CONDITIONS WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY RADIO WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT  SKY CONDITION SCATTERED VISIBILITY AT ACCIDENT SITE 5 OR OVER (UNLIMITED) OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE TEMPERATURE-F 50 WIND VELOCITY-KNOTS 30 TYPE OF FLIGHT PLAN NONE  CEILING AT ACCIDENT SITE UNLIMITED PRECIPITATION AT ACCIDENT SITE NONE RELATIVE BEARING OF WIND HEAD WIND 338-022 DEGREES WIND DIRECTION-DEGREES 230 TYPE OF WEATHER CONDITIONS VFR						
3-0306	3/3/77 TIME - 1905	ADDISON, TX	DEHAVILLAND 104 N81FA DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE UNK/NR, 2110 TOTAL HOURS, 107 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - ADDISON DEPARTURE POINT INTENDED DESTINATION LUBBOCK, TX ADDISON, TX TYPE OF ACCIDENT WHEELS-UP  PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO EXTEND LANDING GEAR  PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0621	4/17/77 TIME - 1645	SOUR LAKE, TX	BELL 206B N7837S DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 38, 5826 TOTAL HOURS, 1052 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT GALVESTON, TX INTENDED DESTINATION SOUR LAKE, TX TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES PHASE OF OPERATION LANDING POWER-ON LANDING PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS						
3-3086	9/9/77 TIME - 1815	ARLINGTON, TX	BEECH 855 N9248Q DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 27, 3034 TOTAL HOURS, 1877 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - ARLINGTON DEPARTURE POINT TEMPLE, TX INTENDED DESTINATION ARLINGTON, TX TYPE OF ACCIDENT WHEELS-UP PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) AIRFRAME - LANDING GEAR NORMAL RETRACTION/EXTENSION ASSEMBLY MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE REMARKS- LFT GEAR UNLOCK SPRING BROKEN UNABLE TO LOWER LEFT GEAR						
3-2884	9/9/77 TIME - 1815	DALLAS, TX	AEROSTAR 601 N7433S DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 5	COMMERCIAL AIR TAXI-PASSG	ATP, FLIGHT INSTR., AGE 37, 3201 TOTAL HOURS, 94 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - DALLAS FT WORTH R DEPARTURE POINT DALLAS, TX INTENDED DESTINATION ENID, OK TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE COLLIDED WITH OBJECT PHASE OF OPERATION TAKEOFF RUN TAKEOFF ABORTED PROBABLE CAUSE(S) MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE AIRFRAME - LANDING GEAR WHEELS, TIRES, AXLES PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - JAMMED REMARKS- COLLIDED WITH TAXIWAY MARKER SIGN						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3686	12/2/77 TIME - 1819	GEORGETOWN, TX	CESSNA U206R N3860G DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 38, 4333 TOTAL HOURS, 1201 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - GEORGETOWN MUNI DEPARTURE POINT INTENDED DESTINATION GEORGETOWN, TX ABILENE, TX TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT NORMAL CRUISE COLLIDED WITH TREES LANDING FINAL APPROACH  PROBABLE CAUSE(S) POWERPLANT - LUBRICATING SYSTEM SEALS AND GASKETS MISCELLANEOUS ACTS, CONDITIONS - IMPROPER ALIGNMENT/ADJUSTMENT MISCELLANEOUS ACTS, CONDITIONS - OIL EXHAUSTION-ENGINE LUBRICATION SYSTEM TERRAIN - HIGH OBSTRUCTIONS COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- ENG OIL FILTER BOWL NOT PROPERLY SEATED ON GASKET.						
3-3767	12/22/77 TIME - 1242	GIDDINGS, TX	PIPER PA-28R N116MM DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL. INSTR., AGE 23, 1989 TOTAL HOURS, 176 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - LEE COUNTY DEPARTURE POINT INTENDED DESTINATION HOUSTON, TX AUSTIN, TX TYPE OF ACCIDENT PHASE OF OPERATION AIRFRAME FAILURE IN FLIGHT IN FLIGHT NORMAL CRUISE  PROBABLE CAUSE(S) PILOT IN COMMAND - EXCEEDED DESIGNED STRESS LIMITS OF AIRCRAFT FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE						
3-0666	2/3/77 TIME - 1710	BENNINGTON, VT.	CESSNA 402 N4090L DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL. INSTR., AGE 41, 3581 TOTAL HOURS, 494 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - BENNINGTON STATE DEPARTURE POINT INTENDED DESTINATION BENNINGTON, VT TETERBORO, NJ 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 ON RUNWAY AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SNOW WINDROWS REMARKS- USED LFT SIDE OF RW TO AVOID SNOW ON RT, LFT WHEEL VEERED OFF RWY EDGE INTO SNOW.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3392	10/1/77 TIME - 1400	STEVENS PASS, WA	DEHAVILLAND DHC-2 N64391 DAMAGE-DESTROYED	CR- 1 0 0 PX- 6 0 0	COMMERCIAL AIR TAXI-PASSG	ATP, FLIGHT INSTR., AGE 25, 4122 TOTAL HOURS, 799 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT KENMORE, WA	INTENDED DESTINATION LK HATHEUME, CANADA	LAST ENROUTE STOP PENTICTON, BC, CANADA			
	TYPE OF ACCIDENT COLLIDED WITH TREES	PHASE OF OPERATION IN FLIGHT CLIMB TO CRUISE				
PROBABLE CAUSE(S)						
PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING						
MISCELLANEOUS ACTS, CONDITIONS - UNWARRANTED LOW FLYING						
PILOT IN COMMAND - MISJUDGED DISTANCE, SPEED, AND ALTITUDE						
FACTOR(S)						
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING						
MISCELLANEOUS ACTS, CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G.						
TERRAIN - HIGH OBSTRUCTIONS						
FIRE AFTER IMPACT						
REMARKS- LOW FLT THRU CANYON APPROACHING MTN PASS. UNABLE TO OUTCLIMB RISING TERRAIN. EXCEEDED GWT & AFT CG.						
3-4128	11/14/77 TIME - 2220	NR. VANCOUVER, WA	CESSNA T337B N2351S DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL. INSTR., AGE 31, 4000 TOTAL HOURS, 14 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT VANCOUVER, WA	INTENDED DESTINATION BATTLE GROUND, WA	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE			
	TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH WIRES/POLES	LANDING ROLL				
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 OBSTRUCTIONS						
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
3-4076	12/6/77 TIME - 1245	SEATTLE,WA	CESSNA 185F N1022F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 27, 2164 TOTAL HOURS, 1064 IN TYPE, NOT INSTRU- MENT RATED.
NAME OF AIRPORT - KING COUNTY INTL DEPARTURE POINT INTENDED DESTINATION BREMERTON,WA SEATTLE,WA TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT DESCENDING HARD LANDING LANDING LEVEL OFF/TOUCHDOWN  PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- LNDG GEAR-FLOATS W/WHEELS.LDG ON FREEWAY.MANEUVER TO AVOID WIRES,TRAFFIC.						
3-4075	12/30/77 TIME - 1436	WENATCHEE,WA	PIPER PA-34 N7089C DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 51, 2285 TOTAL HOURS, 187 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION SEATTLE,WA WENATCHEE,WA TYPE OF ACCIDENT PHASE OF OPERATION AIRFRAME FAILURE IN FLIGHT IN FLIGHT DESCENDING  PROBABLE CAUSE(S) PILOT IN COMMAND - EXCEEDED DESIGNED STRESS LIMITS OF AIRCRAFT FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE TERRAIN - HIGH OBSTRUCTIONS REMARKS- VERT & HORIZ STABS,WINGS SEPD.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1764	5/26/77 TIME - 0050	BRIDGEPORT, WV	PIPER PA-34 N1153H DAMAGE-DESTROYED	CR- 1 1 0 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL. INSTR., AGE 24, 2171 TOTAL HOURS, 116 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - BENEDUM DEPARTURE POINT INTENDED DESTINATION BRIDGEPORT, WV NEW YORK, NY TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION TAKEOFF INITIAL CLIMB COLLIDED WITH TREES TAKEOFF INITIAL CLIMB  PROBABLE CAUSE(S) POWERPLANT - ENGINE STRUCTURE CRANKSHAFT MISCELLANEOUS ACTS, CONDITIONS - FATIGUE FRACTURE TERRAIN - HIGH OBSTRUCTIONS FACTOR(S) WEATHER - FOG COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEDOUT-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 CEILING AT ACCIDENT SITE OBSCURATION UNKNOWN/NOT REPORTED VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 1/4 MILE OR LESS NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE TEMPERATURE-F FOG 60 WIND VELOCITY-KNOTS TYPE OF WEATHER CONDITIONS 2 BELOW MINIMUMS TYPE OF FLIGHT PLAN IFR REMARKS- NO.3 MAIN BEARING JOURNAL.						



## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3029	8/12/77 TIME - 2228	PARKERSBURG, WV	BEECH 58 N92650 DAMAGE-DESTROYED	CR- 2 0 0 PX- 2 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL. INSTR., AGE 21, 1444 TOTAL HOURS, 83 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - WOOD COUNTY DEPARTURE POINT INTENDED DESTINATION BUFFALO, NY PARKERSBURG, WV TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION LANDING FINAL APPROACH COLLISION WITH GROUND/WATER UNCONTROLLED LANDING FINAL APPROACH  PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION INADEQUATE MAINTENANCE AND INSPECTION POWERPLANT - FUEL SYSTEM FUEL INJECTION SYSTEM MISCELLANEOUS ACTS, CONDITIONS - IMPROPER ALIGNMENT/ADJUSTMENT PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC. MISCELLANEOUS ACTS, CONDITIONS - IMPROPER EMERGENCY PROCEDURES MISCELLANEOUS ACTS, CONDITIONS - FEATHERED WRONG ENGINE FACTOR(S) WEATHER - FOG PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT  SKY CONDITION CEILING AT ACCIDENT SITE PARTIAL OBSCURATION 3000 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 1 MILE OR LESS NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE TEMPERATURE-F FOG 71 WIND DIRECTION-DEGREES WIND VELOCITY-KNOTS 20 4 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN IFR IFR FIRE AFTER IMPACT REMARKS- LEFT ENG FUEL MANIFOLD VALVE SN5984RA DEFECT. RIGHT PROP FEATHERED.						
3-3640	12/11/77 TIME - 1230	NR. BUCKHANNON, WV	PIPER PA-32R N200HM DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL. INSTR., AGE 34, 3418 TOTAL HOURS, 77 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION BUCKHANNON, WV ROCHESTER, NY TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT CLIMB TO CRUISE COLLIDED WITH DIRT BANK LANDING ROLL  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
3-4246	2/3/77 TIME - 0142	NECEDAH,WI	BEECH 58 N177HC DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 27, 2890 TOTAL HOURS, 1200 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT EAU CLAIRE,WI	INTENDED DESTINATION MILWAUKEE,WI			PHASE OF OPERATION IN FLIGHT UNCONTROLLED DESCENT	
	TYPE OF ACCIDENT AIRFRAME FAILURE IN FLIGHT					
	FIRE AFTER IMPACT REMARKS- UNDER INVESTIGATION.					
3-0731	4/15/77 TIME - 0850	WAUSAU,WI	CESSNA 207 N1567U DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 21, 566 TOTAL HOURS, 550 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - WAUSAU MUNI DEPARTURE POINT WAUSAU,WI	INTENDED DESTINATION MILWAUKEE,WI			PHASE OF OPERATION TAXI OTHER	
	TYPE OF ACCIDENT COLLIDED WITH TREES					
	PROBABLE CAUSE(S) PILOT IN COMMAND - STARTED ENGINE WITHOUT PROPER ASSISTANCE/EQUIPMENT REMARKS- PLT FAILED TO TURN MAGS OFF & SET BRAKES WHEN ROTATING PROP BY HAND.					
3-3906	11/3/77 TIME - 2134	MANITOWOC,WI	PIPER PA-31 N9273Y DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 58, 1749 TOTAL HOURS, 295 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - MANITOWOC MUNI DEPARTURE POINT MUSKEGON,MI	INTENDED DESTINATION MANITOWOC,WI			PHASE OF OPERATION LANDING FINAL APPROACH	
	TYPE OF ACCIDENT COLLISION WITH GROUND/WATER CONTROLLED					
	PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IFR OPERATION FACTOR(S) WEATHER - FOG WEATHER BRIEFING - UNKNOWN/NOT REPORTED WEATHER FORECAST - UNKNOWN/NOT REPORTED					
	SKY CONDITION PARTIAL OBSCURATION VISIBILITY AT ACCIDENT SITE 2 MILES OR LESS OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG TYPE OF FLIGHT PLAN IFR REMARKS- CRASHED 1 MILE FROM ARPT.				CEILING AT ACCIDENT SITE UNKNOWN/NOT REPORTED PRECIPITATION AT ACCIDENT SITE NONE TYPE OF WEATHER CONDITIONS IFR	

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0479	1/19/77	NR. ALPINE, WY	HILLER ACFT FH1100 N208DP DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 4	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL. INSTR., AGE 31, 3040 TOTAL HOURS, 205 IN TYPE, NOT INSTRU- MENT RATED.
		DEPARTURE POINT SURVEY SITE	INTENDED DESTINATION ALPINE, WY			
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	CONTROLLED	PHASE OF OPERATION TAKEOFF INITIAL CLIMB		
PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.						
FACTOR(S) WEATHER - HIGH DENSITY ALTITUDE						
		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 25			
		TYPE OF WEATHER CONDITIONS VFR	TYPE OF FLIGHT PLAN NONE			
3-1371	6/22/77	NR. JACKSON, WY	AEROSPATIAL SA315B N62345 DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 25, 4944 TOTAL HOURS, 1391 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT FUEL DEPOT	INTENDED DESTINATION RECORDER SITE			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING	PHASE OF OPERATION LANDING FINAL APPROACH LANDING POWER-OFF AUTOROTATIVE LANDING			
PROBABLE CAUSE(S) POWERPLANT - ENGINE CONTROLS THROTTLE-POWER LEVER ASSEMBLIES MISCELLANEOUS ACTS, CONDITIONS - FUEL STARVATION MISCELLANEOUS ACTS, CONDITIONS - IMPROPER ALIGNMENT/ADJUSTMENT PERSONNEL - MAINTENANCE, SERVICING, INSPECTION INADEQUATE MAINTENANCE AND INSPECTION						
FACTOR(S) TERRAIN - ROUGH/UNEVEN EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- THROTTLE MICRO SWITCH IMPROPERLY ADJUSTED						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1723	7/15/77 TIME - 1915	CODY,WY	CESSNA T210M N6711M DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 30, 2200 TOTAL HOURS, 975 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - CODY MUNICIPAL DEPARTURE POINT INTENDED DESTINATION GILLETTE,WY CODY,WY TYPE OF ACCIDENT PHASE OF OPERATION WHEELS-UP LANDING LEVEL OFF/TOUCHDOWN  PROBABLE CAUSE(S) PERSONNEL - PRODUCTION-DESIGN-PERSONNEL SUBSTANDARD QUALITY CONTROL AIRFRAME - LANDING GEAR NORMAL RETRACTION/EXTENSION ASSEMBLY AIRFRAME - LANDING GEAR EMERGENCY/EXTENSION ASSEMBLY SYSTEMS - HYDRAULIC SYSTEM OTHER MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS REMARKS- PIECES OF WHAT APPEARED TO BE ELECT TAPE FOUND IN VALVE ASSY OF HYD PWRPACK MANIFOLD ASSY.						
3-3543	7/31/77 TIME - 1000	NR.WILSON,WY	AEROSPATIAL SA315R N6390 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 43, 5981 TOTAL HOURS, 1010 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION WILSON,WY LOCAL TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT NORMAL CRUISE COLLIDED WITH TREES LANDING POWER-OFF AUTOROTATIVE LANDING  PROBABLE CAUSE(S) POWERPLANT - COMPRESSOR ASSEMBLY BEARING,ROTOR SHAFT MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE TERRAIN - HIGH VEGETATION COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- CAUSE OF BEARING FAILURE NOT DETERMINED.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2797	9/11/77 TIME - 0920	ETNA,WY	HUGHES 369D N8396F DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	CR- 0 0 1 PX- 0 0 4	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 29, 3079 TOTAL HOURS, 40 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT ALPINE,WY			LAST ENROUTE STOP ETNA,WY			
TYPE OF ACCIDENT COLLISION WITH GROUND/WATER UNCONTROLLED			PHASE OF OPERATION LANDING GO-AROUND			
PROBABLE CAUSE(S) PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.						
FACTOR(S) WEATHER - HIGH DENSITY ALTITUDE MISCELLANEOUS ACTS,CONDITIONS - PILOT FATIGUE WEATHER BRIEFING - 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 55			
WIND DIRECTION-DEGREES 180			WIND VELOCITY-KNOTS 5			
TYPE OF WEATHER CONDITIONS VFR			TYPE OF FLIGHT PLAN NONE			
REMARKS- DENSITY ALT 8740FT.PLT FLT TIME 10HRS IN LAST 24						
3-1805	2/17/77 TIME - 1433	NR.JAYUYA,PR	BELL 206-A N4046G DAMAGE-DESTROYED	CR- 0 1 0 PX- 1 2 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 37, UNK/NR TOTAL HOURS, 1537 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - JAYUYA HELIPAD						
DEPARTURE POINT JAYUYA,PR			INTENDED DESTINATION CAROLINA,PR			
TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH TREES			PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING LEVEL OFF/TOUCHDOWN			
PROBABLE CAUSE(S) MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS MISCELLANEOUS ACTS,CONDITIONS - FUEL CONTAMINATION-EXCLUSIVE OF WATER IN FUEL MISCELLANEOUS ACTS,CONDITIONS - OBSTRUCTED MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING						
FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND FIRE AFTER IMPACT						
REMARKS- FUEL FILTER OBSTRUCTED BY UNIDENT CONTAMINANT,BYPASSED.FUEL NOZZLE SCREEN PART OBSTRUCTED.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2095	4/6/77 TIME - 0800	NR.SAN JUAN,PR	PIPER PA-23 N5519Y DAMAGE-DESTROYED	CR- 0 0 2 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 40, 1063 TOTAL HOURS, 345 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - ISLA GRANDE DEPARTURE POINT INTENDED DESTINATION ST THOMAS,VI SAN JUAN,PR TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT DESCENDING DITCHING LANDING GO-AROUND  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS AIRFRAME - LANDING GEAR OTHER FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER 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 WATER REMARKS- PLT UNABLE EXTEND LND GR BY EMERGENCY METHOD.RT ENG OVERHEAT LOST POWR ON GO-AROUND						
3-4090	11/3/77 TIME - 1350	ST THOMAS,VI	CURTIS-WRT C-46 N67971 DAMAGE-SUBSTANTIAL	CR- 0 0 3 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	AIRLINE TRANSPORT, AGE 47, 7928 TOTAL HOURS, 1275 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - HARRY S.TRUMAN DEPARTURE POINT INTENDED DESTINATION ST CROIX,VI ST THOMAS,VI TYPE OF ACCIDENT PHASE OF OPERATION FIRE OR EXPLOSION IN FLIGHT LANDING TRAFFIC PATTERN-CIRCLING  PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE INSPECTION OF AIRCRAFT (MAINTENANCE PERSONNEL) POWERPLANT - FUEL SYSTEM CARBURETOR MISCELLANEOUS ACTS,CONDITIONS - LEAK/LEAKAGE MISCELLANEOUS ACTS,CONDITIONS - FIRE IN ENGINE FIRE AFTER IMPACT						

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