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NATIONAL TRANSPORTATION SAFETY

# AIRCRAFT ACCIDENT REPORTS

BRIEF FORMAT

SUPPLEMENTAL ISSUE

1974 ACCIDENTS

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NATIONAL TRANSPORTATION SAFETY BOARD

Washington, D.C. 20594

REPORT NUMBER: NTSB-BA-75-3

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# **AIRCRAFT ACCIDENT REPORTS**

## **BRIEF FORMAT SUPPLEMENTAL ISSUE 1974 ACCIDENTS**

### **FILE NUMBERS**

1-0024, 1-0046 AND 1-0047	6-0001 THRU 6-0077
3-4301 THRU 3-4322	A-0001, A-0002,
4-0001 THRU 4-0028	A-0004 AND A-0005
5-0001 THRU 5-0038	C-0001
	E-0001 THRU E-0012

**NATIONAL TRANSPORTATION SAFETY BOARD**

**Washington, D. C. 20594**

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16. Abstract  This publication contains reports of aircraft accidents and incidents that occurred in 1974 and have not been included in a prior issue of briefs. Included are three U. S. air carrier accidents, 28 U. S. air carrier incidents, 99 U. S. general aviation accidents, and 38 U. S. general aviation incidents. Four foreign air carrier accidents, one foreign air carrier incident, and 12 foreign general aviation accidents that were investigated by the National Transportation Safety Board are also included. This publication is the final issue of Briefs of Accidents that occurred in calendar year 1974.			
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## FOREWORD

The National Transportation Safety Board, in accordance with the provisions of Title VII of the Federal Aviation Act of 1958 (as amended) and Section 304 of the Independent Safety Board Act of 1974, has determined the probable cause(s) of the accidents reported herein, with the exception of those U. S. General Aviation accidents occurring in foreign countries. These accidents are identified by file numbers 6-0001 through 6-0077 and the probable cause(s) were determined by the government of the country in which the accident occurred in accordance with Annex 13 to the Convention on International Civil Aviation.

The enclosed computer briefs are the reports of the 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 accidents or the investigations 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."

This supplemental issue contains reports of aircraft accidents and incidents that occurred in calendar year 1974 that have not been included in previous issues of Briefs of Accidents. The briefs of these accidents/incidents have been assembled by the following categories:

1. U. S. Air Carrier accidents and incidents.
2. U. S. General Aviation accidents and incidents occurring in the United States, its territories or possessions.
3. U. S. General Aviation accidents occurring in foreign countries.
4. Foreign Air Carrier and Foreign General Aviation accidents/incidents occurring in the United States, and investigated by the National Transportation Safety Board.

In addition, this issue contains several statistical tables which tabulate and summarize selected accident information, such as type of accident, phase of operation, injuries, cause/factor and pilot certificates for all U. S. General Aviation accidents occurring in 1974.

In reading these reports, it should be borne in mind that they are reproduced 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 items of information which fulfill the requirements of the majority 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 costs will be assessed per printed page and photograph(s) reproduced.

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## EXPLANATORY NOTES

### GENERAL AVIATION

General Aviation refers to the operations of U. S. aircraft owned and operated by persons, corporations, etc., other than those engaged in air carrier operations authorized by a certificate of public convenience and necessity, issued by the Civil Aeronautics Board.

### U. S. AIR CARRIER

As used in these reports, those operators who have been issued a certificate of public convenience and necessity by the Civil Aeronautics Board. Due to the small number of Air Carrier accidents, in relation to the General Aviation accidents, not every issue of Briefs will contain this section.

### AIRCRAFT ACCIDENT

The accidents included herein are the occurrences incident to flight in which, "as a result of the operation of an aircraft, any person (occupant or nonoccupant) receives fatal or serious injury or any aircraft receives substantial damage." An amendment to Section 430.2 of Part 430 of the National Transportation Safety Board's Regulations, effective January 1, 1968, changed the definition of "substantial damage" as follows:

Prior to January 1, 1968, the definition of "substantial damage" was:

- (1) Except as provided in subparagraph (2) of this paragraph:
  - (i) Substantial damage in aircraft of 12,500 pounds maximum certificated takeoff weight or less means damage or structural failure reasonably estimated to cost \$300 or more to repair.
  - (ii) Substantial damage in aircraft of more than 12,500 pounds maximum certificated takeoff weight means damage or structural failure which adversely affects the structural strength, performance, or flight characteristics of the aircraft, and which would normally require major repairs 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, taxiing damage to propeller blades, damage to tires, engine accessories, brakes or wingtips are not considered "substantial damage" for the purpose of this part.

## EXPLANATORY NOTES

### AIRCRAFT ACCIDENTS (con't)

Effective January 1, 1968, the definition of substantial damage was changed to read:

(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 this part.

### INJURY INDEX

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

### TYPE OF ACCIDENT

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

#### Gear Collapsed

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

#### Gear Retracted

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

#### Airframe Failure

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

## EXPLANATORY NOTES

### TYPE OF ACCIDENT (cont'd)

#### Engine Failure/Malfunction

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

### PHASE OF OPERATION

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

### KIND OF FLYING

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

#### 1. Instructional Flying

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

#### 2. Noncommercial Flying

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

##### Pleasure

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

##### Business

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

##### Corporate/Executive Operations

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

## EXPLANATORY NOTES

### KIND OF FLYING (cont'd)

#### 3. Commercial Flying

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

#### 4. Miscellaneous Flying

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

### COLLISION BETWEEN AIRCRAFT

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

### CAUSES AND RELATED FACTORS

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

## EXPLANATORY NOTES

### SMALL FIXED-WING AIRCRAFT

Aircraft which have a certificated maximum gross takeoff weight of 12,500 pounds, or less.

### LARGE FIXED-WING AIRCRAFT

Aircraft which have a certificated maximum gross takeoff weight in excess of 12,500 pounds.

### ROTORCRAFT

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

### TYPES OF WEATHER CONDITIONS

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

# LIST OF ABBREVIATIONS USED IN BRIEFS

ABBREVIATION	MEANING
AERIAL ADVERTISE	AERIAL ADVERTISING
ATR, FLIGHT INSTR.	AIRLINE TRANSPORT INSTRUCTOR
AIR SHOW/RACING	AIR SHOW/AIR RACING
AIR TAXI-CARGO	AIR TAXI-CARGO OPERATIONS
AIR TAXI-PASSG	AIR TAXI-PASSENGER OPERATIONS
APPROACH CTL-DEPARTURE	APPROACH CONTROL-DEPARTURE
APR CTL-TOW ENRT CTL SRV	APPROACH CONTROL-TOWER EN ROUTE CONTROL SERVICE
ASSOC CROP CTL ACTIVITIES	ASSOCIATED CROP CONTROL ACTIVITIES
ASSOC FIRE CTL ACTIVITIES	ASSOCIATED FIRE CONTROL ACTIVITIES
COMMERCIAL, FLIGHT, INSTR.	COMMERCIAL FLIGHT INSTRUCTOR
CORP/EXEC	CORPORATE/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 CARGO SRV	SCHEDULED DOMESTIC CARGO SERVICE
SCHED DOM PASSG SRV	SCHEDULED DOMESTIC PASSENGER SERVICE
SCHED INTERNATL CARGO SRV	SCHEDULED INTERNATIONAL CARGO SERVICE
SCHED INTERNATL PASSG SRV	SCHEDULED INTERNATIONAL PASSENGER SERVICE
SCHED PASSG SRV	SCHEDULED PASSENGER SERVICE
S-D	SCHEDULED-DOMESTIC
S-I	SCHEDULED-INTERNATIONAL
UNK/NR	UNKNOWN/NOT REPORTED



U. S. GENERAL AVIATION TABLES



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

<u>TYPE OF AIRCRAFT</u>	<u>DAWN</u>	<u>DAYLIGHT</u>	<u>DUSK / TWILIGHT</u>	<u>NIGHT / DARK</u>	<u>NIGHT / BRIGHT</u>	<u>UNKNOWN / NOT REPORTED</u>	<b>RECORDS</b>	<b>ACCIDENTS</b>
FIXED-WING	53	3466	159	342	61	21	4102	4051
ROTORCRAFT	7	227	9	12	4		259	259
GLIDER		53					53	52
BALLOON		12				1	13	12
BLIMP		1					1	1
DIRIGIBLE								
ROCKET								
CONVERTIPLANE		2					2	2
GYROPLANE		20		1			21	21
OTHER		1					1	1
RECORDS	60	3782	168	355	65	22	4452	
ACCIDENTS	59	3728	167	353	65	22		4394

# ANALYTIC TABLE

## KIND OF FLYING BY PILOT CERTIFICATE

KIND OF FLYING	PILOT CERTIFICATE										RECORDS	ACCIDENTS
	STUDENT	PRIVATE	COMMERCIAL	ATR	PRIVATE/ FL INSTR.	COMMERCIAL/ FL INSTR.	ATR/ FL INSTR.	OTHER	NONE	UNKNOWN/ NOT REPORTED		
<u>INSTRUCTIONAL</u>												
DUAL	1	1	20	5	207	28					262	260
SOLO	183	5	3						2		193	192
CHECK	1	7	8		1	2					19	19
TRAINING	139	15	6	1	5						166	166
<u>NONCOMMERCIAL</u>												
PLEASURE	149	1425	405	34	1	141	21	1	25	6	2208	2196
PRACTICE	32	71	30	2		14	1		2		152	152
BUSINESS	6	192	84	8		23	2		1		316	316
CORPORATE/EXECUTIVE			2	22	24	16	13				77	77
AERIAL SURVEY			3	2		2	1		2		10	10
COMPANY FLIGHT												
OTHER	1	4	2				1			3	11	11
<u>COMMERCIAL</u>												
AERIAL APPLICATION			184	2	1	59	2				248	246
CROP CONTROL RELATED FLIGHT		2	163	7		45	3				220	220
FIRE CONTROL			5								5	5
FIRE CONTROL RELATED FLIGHT			6	1		2	1				10	10
AERIAL MAPPING/PHOTOGRAPHY			6			8	1				15	15
AERIAL ADVERTISING			6								6	6
POWER AND PIPELINE PATROL			6			5					11	11
FISH SPOTTING			2								2	2
AIR TAXI-PASSENGER OPERATIONS			68	21		32	11				132	132
AIR TAXI-CARGO OPERATIONS			24	12		14	6				56	56
CONSTRUCTION WORK			8	1		1					10	10
SCHEDULED PASSENGER SERVICE												
SCHEDULED CARGO SERVICE												
INTRA-STATE CHARTER PASSG.			2	1							3	3
INTRA-STATE CHARTER CARGO.												
MILITARY CONTRACT-PASSENGER												
MILITARY CONTRACT-CARGO												
CHARTER CARGO-DOMESTIC			1	1			2				4	4
CHARTER PASSG-DOMESTIC			3	1							4	4
CHARTER-CARGO-INTERNATIONAL												
CHARTER-PASSG-INTERNATIONAL			1								1	1
OTHER			8			2	2				12	12
UNKNOWN/NOT REPORTED												

# ANALYTIC TABLE

## KIND OF FLYING BY PILOT CERTIFICATE

KIND OF FLYING	PILOT CERTIFICATE										RECORDS	ACCIDENTS
	STUDENT	PRIVATE	COMMERCIAL	ATR	PRIVATE/ FL. INSTR.	COMMERCIAL/ FL. INSTR.	ATR/ FL. INSTR.	OTHER	NONE	UNKNOWN/ NOT REPORTED		
<u>MISCELLANEDUS</u>												
EXPERIMENTATION	1		2								3	3
TEST	2	25	19	3	9	3		1	1		63	63
DEMONSTRATION		6	12		7	2					27	27
FERRY	2	21	47	7	12	7					96	96
SEARCH AND RESCUE		4	6		2						12	12
AIR SHOW/AIR RACING		1	8	2		1					12	11
PARACHUTE JUMP		5	16		3						24	24
PARACHUTE JUMP-AIR SHOW												
TOWING GLIDERS		2	8	1	2						13	13
SEEDING CLOUDS												
HUNTING		2	4		1						7	7
POLICE PATROL		1	5		5						11	11
HIGHWAY TRAFFIC ADVISORY			1								1	1
ALL OTHER PUBLIC FLYING			6	1	3	3					13	13
OTHER		2		1		1		2	1		7	7
UNKNOWN/NOT REPORTED		3	4					1	1	1	10	10
RECORDS	517	1799	1213	136	2	621	114	2	36	12	4452	
ACCIDENTS	514	1792	1207	136	2	619	114	2	36	12		4394

# ANALYTIC TABLE

## KIND OF FLYING BY INJURY INDEX

<u>KIND OF FLYING</u>	<u>INJURY INDEX</u>				RECORDS	ACCIDENTS
	FATAL	SERIOUS	MINOR	NONE		
<u>INSTRUCTIONAL</u>						
DUAL	34	17	29	182	262	260
SOLO	14	9	24	146	193	192
CHECK	3	2	3	11	19	19
TRAINING	9	7	19	131	166	166
<u>NONCOMMERCIAL</u>						
PLEASURE	417	217	290	1284	2208	2196
PRACTICE	21	13	25	93	152	152
BUSINESS	65	29	40	182	316	316
CORPORATE/EXECUTIVE	15	8	1	53	77	77
AERIAL SURVEY	2	2	2	4	10	10
COMPANY FLIGHT						
OTHER	1	4	1	5	11	11
<u>COMMERCIAL</u>						
AERIAL APPLICATION	28	39	41	140	248	246
CROP CONTROL RELATED FLIGHT	4	25	16	175	220	220
FIRE CONTROL	3		1	1	5	5
FIRE CONTROL RELATED FLIGHT	3		3	4	10	10
AERIAL MAPPING/PHOTOGRAPHY	4	3	2	6	15	15
AERIAL ADVERTISING			2	4	6	6
POWER AND PIPELINE PATROL	2	3		6	11	11
FISH SPOTTING		1		1	2	2
AIR TAXI-PASSENGER OPERATIONS	26	13	18	75	132	132
AIR TAXI-CARGO OPERATIONS	12	3	11	30	56	56
CONSTRUCTION WORK		2		8	10	10
SCHEDULED PASSENGER SERVICE						
SCHEDULED CARGO SERVICE						
INTRA-STATE CHARTER PASSG.	1	1	1		3	3
INTRA-STATE CHARTER CARGO.						
MILITARY CONTRACT-PASSENGER						
MILITARY CONTRACT-CARGO						
CHARTER CARGO-DOMESTIC	1	1	1	1	4	4
CHARTER PASSG-DOMESTIC	1		1	2	4	4
CHARTER-CARGO-INTERNATIONAL						
CHARTER-PASSG-INTERNATIONAL		1			1	1
OTHER	5		3	4	12	12
UNKNOWN/NOT REPORTED						

# ANALYTIC TABLE

## KIND OF FLYING BY INJURY INDEX

KIND OF FLYING	INJURY INDEX				RECORDS	ACCIDENTS
	FATAL	SERIOUS	MINOR	NONE		
MISCELLANEOUS						
EXPERIMENTATION	2		1		3	3
TEST	8	4	12	39	63	63
DEMONSTRATION	4	4	4	15	27	27
FERRY	19	10	14	53	96	96
SEARCH AND RESCUE	2	1	2	7	12	12
AIR SHOW/AIR RACING	3	4	1	4	12	11
PARACHUTE JUMP	3	3	3	15	24	24
PARACHUTE JUMP-AIR SHOW						
TOWING GLIDERS	2		3	8	13	13
SEEDING CLOUDS						
HUNTING		1	2	4	7	7
POLICE PATROL	4		3	4	11	11
HIGHWAY TRAFFIC ADVISORY	1				1	1
ALL OTHER PUBLIC FLYING	6	3		4	13	13
OTHER	3	2		2	7	7
UNKNOWN/NOT REPORTED	7			3	10	10
RECORDS	735	432	579	2706	4452	
ACCIDENTS	714	429	574	2677		4394

# ANALYTIC TABLE

## FIRST TYPE OF ACCIDENT BY INJURY INDEX

FIRST TYPE OF ACCIDENT	INJURY INDEX				RECORDS	ACCIDENTS
	FATAL	SERIOUS	MINOR	NONE		
GROUND-WATER LOOP-SWERVE	2	9	46	490	547	547
DRAGGED WINGTIP POD OR FLOAT				4	4	4
WHEELS-UP LANDING	1			101	102	102
WHEELS-DOWN LANDING IN WATER	1			2	3	3
GEAR COLLAPSED		1	7	65	73	73
GEAR RETRACTED				54	54	54
HARD LANDING	2	9	31	282	324	323
NOSE OVER/DOWN	3	1	16	120	140	140
ROLL OVER	2		8	11	21	21
OVERSHOOT	4	23	27	143	197	197
UNDERSHOOT	10	10	21	101	142	142
<u>COLLISION BETWEEN AIRCRAFT</u>						
BOTH IN FLIGHT	36	6	6	18	66	33
ONE AIRBORNE			2	4	6	3
BOTH ON GROUND	6		2	31	39	21
<u>COLLISION WITH GROUND/WATER</u>						
	2				2	2
CONTROLLED	79	29	27	46	181	181
UNCONTROLLED	134	12	11	25	182	182
<u>COLLIDED WITH</u>						
WIRES/POLES	40	33	31	57	161	161
TREES	77	23	29	45	174	174
RESIDENCE/S				1	1	1
BUILDING/S			1	6	7	7
FENCE, FENCEPOSTS	2	3	4	41	50	50
ELECTRONIC TOWERS				1	1	1
RUNWAY OR APPROACH LIGHTS				3	3	3
AIRPORT HAZARD				11	11	11
ANIMALS				15	15	15
CROP		5	1	13	19	19
FLAGMAN LOADER	1				1	1
DITCHES			2	28	30	30
SNOWBANK			2	14	16	16
PARKED AIRCRAFT (UNATTENDED)				19	19	19
AUTOMOBILE	3		1	17	21	21
DIRT BANK	1	5	2	15	23	23
OTHER	3	6	16	54	79	79
BIRD STRIKE				2	2	2

# ANALYTIC TABLE

## FIRST TYPE OF ACCIDENT BY INJURY INDEX

FIRST TYPE OF ACCIDENT	INJURY INDEX				RECORDS	ACCIDENTS
	FATAL	SERIOUS	MINOR	NONE		
<u>STALL</u>	65	31	23	46	165	165
SPIN	70	17	4	2	93	93
SPIRAL	7	2	2	4	15	15
MUSH	12	33	36	124	205	205
<u>FIRE OR EXPLOSION</u>						
IN FLIGHT	2	1	1	9	13	13
ON GROUND		1	1	5	7	7
<u>AIRFRAME FAILURE</u>						
IN FLIGHT	44	6	7	17	74	74
ON GROUND				7	7	7
ENGINE TEARAWAY	1				1	1
ENGINE FAILURE OR MALFUNCTION	69	134	209	606	1018	1018
<u>PROPELLER/ROTOR FAILURE</u>						
PROPELLER	3	1	2	13	19	19
TAIL ROTOR	3	2	1	6	12	12
MAIN ROTOR	2	1		1	4	4
PROP ROTOR ACNT TO PERSON	11	18			29	29
JET INTAKE/EXH ACNT TO PERS						
PROPELLER/JET/ROTOR BLAST		1		3	4	4
TURBULENCE	4	6		9	19	19
HAIL DAMAGE TO AIRCRAFT						
LIGHTNING STRIKE				1	1	1
EVASIVE MANEUVER						
UNCONTROLLED ALT DEVIATION						
DITCHING						
MISSING ACFT NOT RECOVERED	17				17	17
MISCELLANEOUS/OTHER	4	3		10	17	17
UNDETERMINED	12			4	16	16
RECORDS	735	432	579	2706	4452	
ACCIDENTS	714	429	574	2677		4394

# ANALYTIC TABLE

## FIRST TYPE OF ACCIDENT BY AIRCRAFT DAMAGE

FIRST TYPE OF ACCIDENT	AIRCRAFT DAMAGE				RECORDS	ACCIDENTS
	DESTROYED	SUBSTANTIAL	MINOR	NONE		
GROUND-WATER LOOP-SWERVE	20	527			547	547
DRAGGED WINGTIP POD OR FLOAT		4			4	4
WHEELS-UP LANDING	2	100			102	102
WHEELS-DOWN LANDING IN WATER	1	2			3	3
GEAR COLLAPSED	4	69			73	73
GEAR RETRACTED	1	53			54	54
HARD LANDING	10	313	1		324	323
NOSE OVER/DOWN	13	127			140	140
ROLL OVER	6	15			21	21
OVERSHOOT	20	177			197	197
UNDERSHOOT	24	118			142	142
<u>COLLISION BETWEEN AIRCRAFT</u>						
BOTH IN FLIGHT	33	28	5		66	33
ONE AIRBORNE	1	3	2		6	3
BOTH ON GROUND	5	26	8		39	21
<u>COLLISION WITH GROUND/WATER</u>						
	2				2	2
CONTROLLED	99	79	2	1	181	181
UNCONTROLLED	137	44	1		182	182
<u>COLLIDED WITH</u>						
WIRES/POLES	83	78			161	161
TREES	101	72	1		174	174
RESIDENCE/S	1				1	1
BUILDING/S	2	5			7	7
FENCE, FENCEPOSTS	3	47			50	50
ELECTRONIC TOWERS		1			1	1
RUNWAY OR APPROACH LIGHTS		3			3	3
AIRPORT HAZARD		11			11	11
ANIMALS	1	14			15	15
CROP	2	17			19	19
FLAGMAN LOADER				1	1	1
DITCHES		30			30	30
SNOWBANK		16			16	16
PARKED AIRCRAFT (UNATTENDED)		19			19	19
AUTOMOBILE	2	18	1		21	21
DIRT BANK	4	19			23	23
OTHER	12	67			79	79
BIRD STRIKE		2			2	2

# ANALYTIC TABLE

## FIRST TYPE OF ACCIDENT BY AIRCRAFT DAMAGE

FIRST TYPE OF ACCIDENT	AIRCRAFT DAMAGE				RECORDS	ACCIDENTS
	DESTROYED	SUBSTANTIAL	MINOR	NONE		
<u>STALL</u>	83	82			165	165
SPIN	74	19			93	93
SPIRAL	8	7			15	15
MUSH	48	157			205	205
<u>FIRE OR EXPLOSION</u>						
IN FLIGHT	3	10			13	13
ON GROUND	5	2			7	7
<u>AIRFRAME FAILURE</u>						
IN FLIGHT	44	30			74	74
ON GROUND	1	6			7	7
ENGINE TEARAWAY	1				1	1
ENGINE FAILURE OR MALFUNCTION	202	815	1		1018	1018
<u>PROPELLER/ROTOR FAILURE</u>						
PROPELLER	6	13			19	19
TAIL ROTOR	6	6			12	12
MAIN ROTOR	3	1			4	4
PROP ROTOR ACNT TO PERSON	1	1	9	18	29	29
JET INTAKE/EXH ACNT TO PERS						
PROPELLER/JET/ROTOR BLAST		4			4	4
TURBULENCE	7	11		1	19	19
HAIL DAMAGE TO AIRCRAFT						
LIGHTNING STRIKE		1			1	1
EVASIVE MANEUVER						
UNCONTROLLED ALT DEVIATION						
DITCHING						
MISSING ACFT NOT RECOVERED	17				17	17
MISCELLANEOUS/OTHER	6	10	1		17	17
UNDETERMINED	13	3			16	16
RECORDS	1117	3282	32	21	4452	
ACCIDENTS	1105	3260	32	21		4394

# ANALYTIC TABLE

## FIRST TYPE OF ACCIDENT BY PILOT CERTIFICATE

FIRST TYPE OF ACCIDENT	PILOT CERTIFICATE										RECORDS	ACCIDENTS
	STUDENT	PRIVATE	COMMERCIAL	ATR	PRIVATE/ FL. INSTR.	COMMERCIAL/ FL. INSTR.	ATR/ FL. INSTR.	OTHER	NONE	UNKNOWN/ NOT REPORTED		
GROUND-WATER LOOP-SWERVE	112	216	118	18	65	12			3	3	547	547
DRAGGED WINGTIP POD OR FLOAT		3		1							4	4
WHEELS-UP LANDING	2	52	27	1	13	7					102	102
WHEELS-DOWN LANDING IN WATER		1	1		1						3	3
GEAR COLLAPSED	2	28	22	6	12	3					73	73
GEAR RETRACTED		19	16	8	9	2					54	54
HARD LANDING	105	142	35	8	23	7		1	3		324	323
NOSE OVER/DOWN	16	66	36	6	12	3		1			140	140
ROLL OVER	1	4	10		4	1		1			21	21
OVERSHOOT	35	110	33	3	1	12	1	2			197	197
UNDERSHOOT	26	58	25	1	25	5		1	1		142	142
<u>COLLISION BETWEEN AIRCRAFT</u>												
BOTH IN FLIGHT	5	23	17	2	17	2					66	33
ONE AIRBORNE	1	3	1			1					6	3
BOTH ON GROUND	6	11	12	4	5	1					39	21
<u>COLLISION WITH GROUND/WATER</u>												
CONTROLLED	13	62	60	11	31	2		1	1		181	181
UNCONTROLLED	15	90	43	6	15	5		8			182	182
<u>COLLIDED WITH</u>												
WIRES/POLES	8	42	72	3	31	1		4			161	161
TREES	11	78	54	4	1	22	4				174	174
RESIDENCE/S		1									1	1
BUILDING/S		1	4		2						7	7
FENCE, FENCEPOSTS	6	25	14		4	1					50	50
ELECTRONIC TOWERS			1								1	1
RUNWAY OR APPROACH LIGHTS		3									3	3
AIRPORT HAZARD		4	5		1	1					11	11
ANIMALS		8	3		4						15	15
CROP		4	13		2						19	19
FLAGMAN LOADER			1								1	1
DITCHES	3	14	10		2			1			30	30
SNOWBANK	3	5	2	1	5						16	16
PARKED AIRCRAFT (UNATTENDED)	1	9	7		2						19	19
AUTOMOBILE	1	6	6	2	5	1					21	21
DIRT BANK	1	8	11	1	2						23	23
OTHER	7	36	20	3	10	2		1			79	79
BIRD STRIKE			1		1						2	2

# ANALYTIC TABLE

## FIRST TYPE OF ACCIDENT BY PILOT CERTIFICATE

FIRST TYPE OF ACCIDENT	PILOT CERTIFICATE										RECORDS	ACCIDENTS
	STUDENT	PRIVATE	COMMERCIAL	ATR	PRIVATE/ FL INSTR.	COMMERCIAL/ FL INSTR.	ATR/ FL INSTR.	OTHER	NONE	UNKNOWN/ NOT REPORTED		
<u>STALL</u>	23	66	43	4	24	2			3		165	165
SPIN	16	42	18		15				2		93	93
SPIRAL	1	6	4		2	2					15	15
MUSH	8	88	66	4	33	5	1				205	205
<u>FIRE OR EXPLOSION</u>												
IN FLIGHT	1	4	3	1	1	3					13	13
ON GROUND		2	2	1	1	1					7	7
<u>AIRFRAME FAILURE</u>												
IN FLIGHT	5	38	20	2	8	1					74	74
ON GROUND		2	1	1	2	1					7	7
ENGINE TEARAWAY		1									1	1
ENGINE FAILURE OR MALFUNCTION	74	377	322	28	176	32			7	2	1018	1018
<u>PROPELLER/ROTOR FAILURE</u>												
PROPELLER	1	6	7	2	1	2					19	19
TAIL ROTOR			9		3						12	12
MAIN ROTOR	2		1		1						4	4
PROP ROTOR ACNT TO PERSON	1	12	9	1	5	1					29	29
JET INTAKE/EXH ACNT TO PERS												
PROPELLER/JET/ROTOR BLAST		2			2						4	4
TURBULENCE	2	1	14		2						19	19
HAIL DAMAGE TO AIRCRAFT												
LIGHTNING STRIKE					1						1	1
EVASIVE MANEUVER												
UNCONTROLLED ALT DEVIATION												
DITCHING												
MISSING ACFT NOT RECOVERED		8	5	1	1	1				1	17	17
MISCELLANEOUS/OTHER	2	5	3	1	5	1					17	17
UNDETERMINED		6	6	1	1			1		1	16	16
RECORDS	517	1799	1213	136	2	621	114	2	36	12	4452	
ACCIDENTS	514	1792	1207	136	2	619	114	2	36	12		4394

# ANALYTIC TABLE

## FIRST PHASE OF OPERATION BY INJURY INDEX

FIRST OPERATIONAL PHASE	INJURY INDEX				RECORDS	ACCIDENTS
	FATAL	SERIOUS	MINOR	NONE		
<u>STATIC</u>						
STARTING ENGINE/S	1	6	1	6	14	14
IDLING ENGINE/S	6	7		7	20	20
ENGINE RUNUP	1	1		5	7	7
IDLING ROTORS	1	5		1	7	7
PARKED-ENGINES NOT OPERATING				1	1	1
OTHER	1			1	2	2
<u>TAXI</u>						
TO TAKEOFF			2	56	58	57
FROM LANDING	5	1	1	69	76	74
OTHER	2		3	21	26	26
GROUND TAXI TO TAKEOFF				1	1	1
GROUND TAXI FROM LANDING						
GROUND TAXI, OTHER				1	1	1
AERIAL TAXI TO TAKEOFF				1	1	1
AERIAL TAXI TO/FROM LANDING			1	1	2	2
AERIAL TAXI, OTHER				1	1	1
<u>TAKEOFF</u>						
RUN	9	12	26	179	226	226
INITIAL CLIMB	93	86	88	286	553	553
VERTICAL		4	5	16	25	25
RUNNING (ROTOCRAFT/VTOL-STOL)			1		1	1
ABORTED (FIXED-WING)	1	4	6	51	62	62
ABORTED (ROTOCRAFT/VTOL)				2	2	2
ABORTED (ROTOCRAFT/STOL)				1	1	1
OTHER	1	4	4	4	13	13
<u>INFLIGHT</u>						
CLIMB TO CRUISE	18	8	16	39	81	81
NORMAL CRUISE	97	52	85	224	458	453
DESCENDING	21	15	13	29	78	78
HOLDING (IFR)						
HOVERING		1	4	5	10	10
POWER-ON DESCENT (ROTOCRAFT)			1	2	3	3
AUTOROTATIVE DESCENT				1	1	1
ACROBATICS	31	6	1	3	41	41
BUZZING	12	7	2	4	25	25
UNCONTROLLED DESCENT	91		2	5	98	98

# ANALYTIC TABLE

## FIRST PHASE OF OPERATION BY INJURY INDEX

FIRST OPERATIONAL PHASE	INJURY INDEX				RECORDS	ACCIDENTS
	FATAL	SERIOUS	MINOR	NONE		
EMERGENCY DESCENT	1	1		1	3	3
LOW PASS	29	21	6	25	81	81
OTHER	163	31	24	51	269	264
EN ROUTE TO TREAT CROP	1	2		17	20	20
EN ROUTE TO RELOADING AREA		1		4	5	5
SURVEY FIELD/AREA	1			3	4	4
STARTING SWATH RUN	1	6	4	17	28	28
SWATH RUN	10	16	9	47	82	81
FLAREOUT FOR SWATH RUN		1		1	2	2
PULLUP FROM SWATH RUN	4	3	10	22	39	39
PROCEDURE TURNAROUND	13	14	15	40	82	82
CLEANUP SWATH		1	3	1	5	5
MANEUVER TO AVOID OBSTRUCTION		1	1	2	4	4
RETURN TO STRIP		1	2	4	7	7
<u>LANDING</u>						
TRAFFIC PATTERN-CIRCLING	15	11	19	36	81	80
FINAL APPROACH (VFR)	28	36	62	189	315	309
INITIAL APPROACH	8	2		1	11	11
FINAL APPROACH (IFR)	17	3	3	7	30	30
LEVEL OFF/TOUCHDOWN	12	35	78	605	730	728
ROLL (FIXED WING)	3	5	40	537	585	584
ROLL-ON/RUN-ON (ROTCRAFT)			1	2	3	3
POWER-ON LANDING (ROTCRAFT)	2		5	11	18	18
POWER-OFF AUTOROTATIVE LDG	2		1	8	11	11
GO-AROUND (VFR)	6	19	32	41	98	97
MISSED APPROACH (IFR)		1			1	1
OTHER	3	2	2	7	14	14
UNKNOWN/NOT REPORTED	25			4	29	29
RECORDS	735	432	579	2706	4452	
ACCIDENTS	714	429	574	2677		4394

INJURIES, ACCIDENTS  
FILE NOS. 3-0001 THRU 3-4322, 6-0001 THRU 6-0077.  
U. S. GENERAL AVIATION

1974

INJURIES						
	FATAL	SERIOUS	MINOR	NONE	UNKNOWN	TOTAL
PILOT	664	389	545	2852	1	4451
COPILOT	49	11	12	79		151
DUAL STUDENT	31	13	28	198		270
CHECK PILOT	3	1	3	11		18
FLIGHT ENGINEER				2		2
NAVIGATOR						
CABIN ATTENDANT	1			5		6
EXTRA CREW	10		7	15		32
PASSENGERS	626	303	469	2814		4212
 TOTAL	 1384	 717	 1064	 5976	 1	 ABOARD 9142
 * OTHER AIRCRAFT						
OTHER GROUND	20	13	13	26		72
 GRAND TOTAL	 1404	 730	 1077	 6002	 1	 9214

INVOLVES 4394 TOTAL ACCIDENTS  
INVOLVES 714 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.

INJURIES, ACCIDENTS  
SMALL FIXED-WING AIRCRAFT  
U. S. GENERAL AVIATION

1974

	INJURIES					TOTAL
	FATAL	SERIOUS	MINOR	NONE	UNKNOWN	
PILOT	610	357	496	2659		4122
COPILOT	40	9	11	61		121
DUAL STUDENT	27	12	26	180		245
CHECK PILOT	3	1	3	11		18
FLIGHT ENGINEER				1		1
NAVIGATOR				4		4
CABIN ATTENDANT				3		8
EXTRA CREW	5					
PASSENGERS	570	281	435	2651		3937
 TOTAL	 1255	 660	 971	 5570	 ABOARD	 8456
 * OTHER AIRCRAFT	 6			 6		 12
OTHER GROUND	18	9	8	26		61
 GRAND TOTAL	 1279	 669	 979	 5602		 8529

INVOLVES 4074 TOTAL ACCIDENTS  
INVOLVES 654 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.

INJURIES, ACCIDENTS  
ROTORCRAFT  
U. S. GENERAL AVIATION  
1974

INJURIES						
	FATAL	SERIOUS	MINOR	NONE	UNKNOWN	TOTAL
PILOT	34	26	47	173		280
COPILOT	2		1	7		10
DUAL STUDENT	3	1	2	14		20
CHECK PILOT						
FLIGHT ENGINEER						
NAVIGATOR						
CABIN ATTENDANT						
EXTRA CREW	2		3	9		14
PASSENGERS	16	17	33	120		186
 TOTAL	 57	 44	 86	 323	 ABOARD	 510
 * OTHER AIRCRAFT	 3	 1		 5		 9
OTHER GROUND	2	4	5			11
 GRAND TOTAL	 62	 49	 91	 328		 530

INVOLVES 280 TOTAL ACCIDENTS  
INVOLVES 43 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.

INJURIES, ACCIDENTS  
LARGE FIXED-WING AIRCRAFT  
U. S. GENERAL AVIATION

1974

	INJURIES					TOTAL
	FATAL	SERIOUS	MINOR	NONE	UNKNOWN	
PILOT	14	2		15	1	32
COPILOT	7	2		11		20
DUAL STUDENT	1			1		2
CHECK PILOT				1		1
FLIGHT ENGINEER						
NAVIGATOR				1		2
CABIN ATTENDANT	1			3		10
EXTRA CREW	3		4			73
PASSENGERS	37	1		35		
 TOTAL	 63	 5	 4	 67	 1	 140
 * OTHER AIRCRAFT	 4			 2		 6
OTHER GROUND						
 GRAND TOTAL	 67	 5	 4	 69	 1	 146

INVOLVES 32 TOTAL ACCIDENTS  
INVOLVES 15 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.

INJURIES, ACCIDENTS  
KIND OF FLYING  
INSTRUCTIONAL

1974

INJURIES						
	FATAL	SERIOUS	MINOR	NONE	UNKNOWN	TOTAL
PILOT	47	35	75	483		640
COPILOT	1		3	4		8
DUAL STUDENT	28	12	26	196		262
CHECK PILOT	2	1	3	10		16
FLIGHT ENGINEER						
NAVIGATOR						
CABIN ATTENDANT						
EXTRA CREW	1			2		3
PASSENGERS	7	2	4	34		47
 TOTAL	 86	 50	 111	 729	 ABOARD	 976
 * OTHER AIRCRAFT	 14	 1	 3	 24		 42
OTHER GROUND	2	3		1		6
 GRAND TOTAL	 102	 54	 114	 754		 1024

INVOLVES 637 TOTAL ACCIDENTS  
INVOLVES 59 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.

INJURIES, ACCIDENTS  
KIND OF FLYING  
NONCOMMERCIAL - PLEASURE  
U. S. GENERAL AVIATION

1974

	INJURIES					TOTAL
	FATAL	SERIOUS	MINOR	NONE	UNKNOWN	
PILOT	391	186	267	1363		2207
COPILOT	21	5	3	19		48
DUAL STUDENT	1	1	1	1		4
CHECK PILOT	1			1		2
FLIGHT ENGINEER						
NAVIGATOR						
CABIN ATTENDANT						
EXTRA CREW	3					3
PASSENGERS	406	213	321	1801		2741
 TOTAL	 823	 405	 592	 3185	 ABOARD	 5005
 * OTHER AIRCRAFT	 11		 2	 16		 29
OTHER GROUND	8	3	7	18		36
 GRAND TOTAL	 842	 408	 601	 3219		 5070

INVOLVES 2196 TOTAL ACCIDENTS  
INVOLVES 415 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.

INJURIES, ACCIDENTS  
KIND OF FLYING  
NONCOMMERCIAL - BUSINESS  
U. S. GENERAL AVIATION

1974

		INJURIES					
		FATAL	SERIOUS	MINOR	NONE	UNKNOWN	TOTAL
PILOT		63	23	36	194		316
COPILOT		3		1	3		7
DUAL STUDENT							
CHECK PILOT							
FLIGHT ENGINEER							
NAVIGATOR							
CABIN ATTENDANT							
EXTRA CREW		1					1
PASSENGERS		53	18	49	192		312
TOTAL		120	41	86	389	ABOARD	636
* OTHER AIRCRAFT		5	2		14		21
OTHER GROUND		1	1	1			3
GRAND TOTAL		126	44	87	403		660

INVOLVES 316 TOTAL ACCIDENTS  
INVOLVES 65 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.

INJURIES, ACCIDENTS  
KIND OF FLYING  
NONCOMMERCIAL - CORPORATE/EXECUTIVE  
U. S. GENERAL AVIATION

1974

	INJURIES					TOTAL
	FATAL	SERIOUS	MINOR	NONE	UNKNOWN	
PILOT	14	6	1	56		77
COPILOT	5	1		10		16
DUAL STUDENT						
CHECK PILOT						
FLIGHT ENGINEER						
NAVIGATOR						
CABIN ATTENDANT						
EXTRA CREW	1					1
PASSENGERS	21	5	8	98		132
 TOTAL	 41	 12	 9	 164	 ABOARD	 226
 * OTHER AIRCRAFT				7		7
OTHER GROUND	3	1				4
 GRAND TOTAL	 44	 13	 9	 171		 237

INVOLVES 77 TOTAL ACCIDENTS  
INVOLVES 15 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.

INJURIES, ACCIDENTS  
KIND OF FLYING  
AERIAL APPLICATION  
U. S. GENERAL AVIATION

1974

INJURIES						
	FATAL	SERIOUS	MINOR	NONE	UNKNOWN	TOTAL
PILOT	30	63	56	319		468
COPILOT				1		1
DUAL STUDENT			1			1
CHECK PILOT						
FLIGHT ENGINEER						
NAVIGATOR						
CABIN ATTENDANT						
EXTRA CREW				2		2
PASSENGERS		1		3		4
TOTAL	30	64	57	325	ABOARD	476
* OTHER AIRCRAFT			1	1		2
OTHER GROUND	1	1				2
GRAND TOTAL	31	65	58	326		480

INVOLVES 466 TOTAL ACCIDENTS  
INVOLVES 30 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.

INJURIES, ACCIDENTS  
KIND OF FLYING  
AIR TAXI - PASSENGER/CARGO  
U. S. GENERAL AVIATION

1974

	INJURIES					TOTAL
	FATAL	SERIOUS	MINOR	NONE	UNKNOWN	
PILOT	26	17	24	121		188
COPILOT	3	2	1	19		25
DUAL STUDENT						
CHECK PILOT						
FLIGHT ENGINEER				1		1
NAVIGATOR						
CABIN ATTENDANT				1		1
EXTRA CREW			3			3
PASSENGERS	71	33	35	294		433
 TOTAL	 100	 52	 63	 436	 ABOARD	 651
 * OTHER AIRCRAFT	 2			 6		 8
OTHER GROUND	3		1	7		11
 GRAND TOTAL	 105	 52	 64	 449		 670

INVOLVES 188 TOTAL ACCIDENTS  
INVOLVES 38 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.

## 1974

INVOLVES	197	TOTAL	ACCIDENTS
INVOLVES	4	FATAL	ACCIDENTS

[illegible]

INVOLVES	142	TOTAL	ACCIDENTS
INVOLVES	10	FATAL	ACCIDENTS

INJURIES, ACCIDENTS  
TYPE OF ACCIDENT  
COLLISON WITH OBJECTS  
U. S. GENERAL AVIATION

1974

INJURIES						
	FATAL	SERIOUS	MINOR	NONE	UNKNOWN	TOTAL
PILOT	140	161	228	1052	1	1582
COPILOT	15	4	5	22		46
DUAL STUDENT	10	8	8	68		94
CHECK PILOT	1		1	1		3
FLIGHT ENGINEER						
NAVIGATOR						
CABIN ATTENDANT						
EXTRA CREW	4		4	4		12
PASSENGERS	102	114	199	971		1386
 TOTAL	 272	 287	 445	 2118	 1	 ABOARD 3123
 OTHER AIRCRAFT						
OTHER GROUND	6	4	4	19		33
 GRAND TOTAL	 278	 291	 449	 2137	 1	 3156

INVOLVES 1582 TOTAL ACCIDENTS  
INVOLVES 159 FATAL ACCIDENTS

INJURIES, ACCIDENTS  
TYPE OF ACCIDENT  
STALL-SPIN, SPIRAL, MUSH  
U. S. GENERAL AVIATION

1974

	INJURIES					TOTAL
	FATAL	SERIOUS	MINOR	NONE	UNKNOWN	
PILOT	180	108	103	223		614
COPILOT	15	4	2	2		23
DUAL STUDENT	14	3	10	13		40
CHECK PILOT	1			1		2
FLIGHT ENGINEER						
NAVIGATOR						
CABIN ATTENDANT						
EXTRA CREW	1					1
PASSENGERS	132	76	100	202		510
TOTAL	343	191	215	441	ABOARD	1190
OTHER AIRCRAFT						
OTHER GROUND	2		2			4
GRAND TOTAL	345	191	217	441		1194

INVOLVES 614 TOTAL ACCIDENTS  
INVOLVES 190 FATAL ACCIDENTS

## CAUSE/FACTOR TABLE

FILE NOS. 3-0001 THRU 3-4322,6-0001 THRU 6-0077.

U. S. GENERAL AVIATION ACCIDENTS

(EXCLUDES ACCIDENTS WITHOUT PROBABLE CAUSE)

1974

INVOLVES 4327 TOTAL ACCIDENTS  
 INVOLVES 702 FATAL ACCIDENTS

BROAD CAUSE/FACTOR -----	FATAL ACCIDENT -----			NONFATAL ACCIDENTS -----			ALL ACCIDENTS -----		
	CAUSE -----	FACTOR -----	TOTAL* -----	CAUSE -----	FACTOR -----	TOTAL* -----	CAUSE -----	FACTOR -----	TOTAL* -----
PILOT	611 87.04	164 23.36	622 88.60	3043 83.94	419 11.56	3065 84.55	3654 84.45	583 13.47	3687 85.21
PERSONNEL	60 8.55	21 2.99	75 10.68	329 9.08	105 2.90	424 11.70	389 8.99	126 2.91	499 11.53
AIRFRAME	9 1.28	14 1.99	23 3.28	20 .55	15 .41	35 .97	29 .67	29 .67	58 1.34
LANDING GEAR		1 .00	1 .14	158 4.36	54 1.49	205 5.66	158 3.65	55 1.27	206 4.76
POWERPLANT	35 4.99	7 1.00	40 5.70	527 14.54	35 .97	559 15.42	562 12.99	42 .97	599 13.84
SYSTEMS	7 1.00	5 .71	12 1.71	33 .91	27 .74	60 1.66	40 .92	32 .74	72 1.66
INSTRUMENTS/EQUIPMENT AND ACCESSORIES	3 .43	4 .57	7 1.00	9 .25	12 .33	21 .58	12 .28	16 .37	28 .65
ROTORCRAFT	8 1.14	1 .14	9 1.28	25 .69	2 .06	27 .74	33 .76	3 .07	36 .83
AIRPORTS/AIRWAYS/FACILITIES		12 .00	12 1.71	57 1.57	552 15.23	599 16.52	57 1.32	564 13.03	611 14.12
WEATHER	5 .71	296 42.17	297 42.31	104 2.87	615 16.97	709 19.56	109 2.52	911 21.05	1006 23.25
TERRAIN	10 1.42	192 27.35	202 28.77	419 11.56	847 23.37	1257 34.68	429 9.91	1039 24.01	1459 33.72
MISCELLANEOUS	11 1.57	7 1.00	17 2.42	166 4.58	34 .94	200 5.52	177 4.09	41 .95	217 5.02
UNDETERMINED	52 7.41		53 7.55	22 .61		22 .61	74 1.71		75 1.73

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

FILE NOS. 3-0001 THRU 3-4322,6-0001 THRU 6-0077.  
(EXCLUDES ACCIDENTS WITHOUT PROBABLE CAUSE)  
U. S. GENERAL AVIATION ACCIDENTS

1974

INVOLVES 4327 TOTAL ACCIDENTS  
INVOLVES 702 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	15	3	18	30	9	39	45	12	57
ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL	33	7	40	44	11	55	77	18	95
BECAME LOST/DISORIENTED	11	5	16	30	13	43	41	18	59
CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS	159	2	161	58	4	62	217	6	223
CONTINUED INTO KNOWN AREA OF SEVERE TURBULENCE	5		5	3		3	8		8
DELAYED ACTION IN ABORTING TAKEOFF	2		2	49	1	50	51	1	52
DELAYED IN INITIATING GO-AROUND	7		7	109	5	114	116	5	121
DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT	18	15	33	90	32	122	108	47	155
EXCEEDED DESIGN STRESS LIMITS OF AIRCRAFT	35		35	5		5	40		40
FAILED TO EXTEND LANDING GEAR	1		1	44		44	45		45
FAILED TO RETRACT LANDING GEAR	1		1	2	1	3	3	1	4
RETRACTED GEAR PREMATURELY				5	1	6	5	1	6
INADVERTENTLY RETRACTED GEAR				14		14	14		14
FAILED TO SEE AND AVOID OTHER AIRCRAFT	33		33	50		50	83		83
FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS	42		42	161		161	203		203
FAILED TO OBTAIN/MAINTAIN FLYING SPEED	176		176	403		403	579		579
MISJUDGED, SPEED, ALTITUDE OR CLEARANCE	10		10	38		38	48		48
FAILED TO MAINTAIN ADEQUATE ROTOR RPM	6	1	7	39	2	41	45	3	48
FAILED TO USE OR INCORRECTLY USED MISC EQUIPMENT	2	1	3	8	2	10	10	3	13
FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES ETC	27	18	45	85	25	110	112	43	155
IMPROPER OPERATION OF POWERPLANT + POWERPLANT CONTROLS	11	6	17	128	4	132	139	10	149
IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS				159	4	163	159	4	163
IMPROPER OPERATION OF FLIGHT CONTROLS	34		34	147	2	149	181	2	183
PREMATURE LIFT OFF	6	1	7	49	4	53	55	5	60
IMPROPER LEVEL OFF	1		1	354	2	356	355	2	357
IMPROPER IFR OPERATION	24	2	26	12	1	13	36	3	39
IMPROPER IN-FLIGHT DECISIONS OR PLANNING	59	13	72	135	24	159	194	37	231
IMPROPER COMPENSATION FOR WIND CONDITIONS	6		6	133	13	146	139	13	152
INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING	61	42	103	416	61	477	477	103	580
INADEQUATE SUPERVISION OF FLIGHT	13	2	15	111		111	124	2	126
LACK OF FAMILIARITY WITH AIRCRAFT	10	24	34	45	109	154	55	133	188
MISMANAGEMENT OF FUEL	15		15	228		228	243		243
EXERCISED POOR JUDGMENT	36	7	43	88	29	117	124	36	160
OPERATED CARELESSLY	1	1	2	9	2	11	10	3	13
SELECTED UNSUITABLE TERRAIN	5		5	220	16	236	225	16	241
IMPROPER STARTING PROCEDURES				6		6	6		6
STARTED ENGINE WITHOUT PROPER ASSISTANCE/EQUIPMENT	1		1	15		15	16		16
TAXIED/PARKED WITHOUT PROPER ASSISTANCE				11		11	11		11
FAILED TO ASSURE THE GEAR WAS DOWN AND LOCKED				37		37	37		37
INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS	29	7	36	10	4	14	39	11	50
SPONTANEOUS-IMPROPER ACTION	4	1	5	24	2	26	28	3	31
MISJUDGED DISTANCE, SPEED, AND ALTITUDE	2		2	23	2	25	25	2	27
MISJUDGED DISTANCE AND SPEED	7		7	208	11	219	215	11	226
MISJUDGED DISTANCE				2		2	2		2
MISJUDGED DISTANCE AND ALTITUDE	7		7	125	2	127	132	2	134
MISJUDGED SPEED AND ALTITUDE	1		1	42		42	43		43
MISJUDGED SPEED	1		1	13	4	17	14	4	18
MISJUDGED SPEED AND CLEARANCE	2		2	6		6	8		8
MISJUDGED ALTITUDE AND CLEARANCE	18		18	34		34	52		52
MISJUDGED ALTITUDE	18		18	15		15	33		33
MISJUDGED CLEARANCE	11		11	89		91	100		102
MISUNDERSTANDING OF ORDERS OR INSTRUCTIONS				3	1	4	3	1	4
IMPROPER RECOVERY FROM BOUNCED LANDING	1	1	2	160		160	161	1	162
INCAPACITATION	9		9	1		1	10		10
PHYSICAL IMPAIRMENT	26	25	51	3	4	7	29	29	58
SPATIAL DISORIENTATION	106	1	107	3	1	4	109	2	111
MISUSED OR FAILED TO USE FLAPS	5	1	6	18	18	36	23	19	42
LEFT AIRCRAFT UNATTENDED ENGINE RUNNING				2		2	2		2
FAILED TO MAINTAIN DIRECTIONAL CONTROL	2		2	407		407	409		409
SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND	4	2	6	63	12	75	67	14	81

## CAUSE/FACTOR TABLE

## PILOT IN COMMAND (CONTINUED)

	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
FAILED TO ABORT TAKEOFF	5		5	83	2	85	88	2	90
FAILED TO INITIATE GO-AROUND	4		4	183	2	185	187	2	189
SUBTOTAL	1128	188	1316	5087	444	5531	6215	632	6847
COPILOT									
ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL	1		1				1		1
DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT					1	1		1	1
FAILED TO SEE AND AVOID OTHER AIRCRAFT				1		1	1		1
FAILED TO OBTAIN/MAINTAIN FLYING SPEED	1		1				1		1
FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC.	1		1	1	1	2	2	1	3
IMPROPER OPERATION OF POWERPLANT + POWERPLANT CONTROLS				1		1	1		1
IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS				1		1	1		1
IMPROPER OPERATION OF FLIGHT CONTROLS	2		2				2		2
IMPROPER COMPENSATION FOR WIND CONDITIONS				1		1	1		1
LACK OF FAMILIARITY WITH AIRCRAFT					3	3		3	3
SELECTED UNSUITABLE TERRAIN				1		1	1		1
FAILURE TO RELINQUISH CONTROL	1		1	1		1	2		2
CONTROL INTERFERENCE				1		1	1		1
MISJUDGED DISTANCE, SPEED, AND ALTITUDE				1		1	1		1
MISJUDGED DISTANCE AND SPEED				1		1	1		1
MISJUDGED SPEED AND ALTITUDE				1		1	1		1
MISJUDGED CLEARANCE				1		1	1		1
IMPROPER RECOVERY FROM BOUNCED LANDING				1		1	1		1
PHYSICAL IMPAIRMENT	1		1				1		1
FAILED TO MAINTAIN DIRECTIONAL CONTROL				2		2	2		2
SUBTOTAL	7		7	15	5	20	22	5	27
DUAL STUDENT									
DELAYED IN INITIATING GO-AROUND				1		1	1		1
DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT				1	1	2	1	1	2
FAILED TO EXTEND LANDING GEAR				3		3	3		3
FAILED TO RETRACT LANDING GEAR				2		2	2		2
RETRACTED GEAR PREMATURELY				2		2	2		2
FAILED TO SEE OTHER AIRCRAFT				1		1	1		1
FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS	1		1				1		1
FAILED TO OBTAIN/MAINTAIN FLYING SPEED	7		7	8		8	15		15
MISJUDGED DISTANCE, SPEED, ALTITUDE OR CLEARANCE				1		1	1		1
FAILED TO MAINTAIN ADEQUATE ROTOR RPM				2		2	2		2
FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC.	1		1				1		1
IMPROPER OPERATION OF POWERPLANT + POWERPLANT CONTROLS				4		4	4		4
IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS				12		12	12		12
IMPROPER OPERATION OF FLIGHT CONTROLS	4		4	9		9	13		13
PREMATURE LIFT-OFF				2		2	2		2
IMPROPER LEVEL OFF	1		1	14		14	15		15
IMPROPER IN-FLIGHT DECISIONS OR PLANNING		1	1	1		1	1	1	2
IMPROPER COMPENSATION FOR WIND CONDITIONS				11		11	11		11
INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING				1		1	1		1
LACK OF FAMILIARITY WITH AIRCRAFT		2	2		6	6		8	8
FAILURE TO RELINQUISH CONTROL				3	1	4	3	1	4
SPONTANEOUS-IMPROPER ACTION				2		2	2		2
MISJUDGED DISTANCE, SPEED, AND ALTITUDE				1		1	1		1
MISJUDGED DISTANCE AND SPEED				7	1	8	7	1	8
MISJUDGED DISTANCE AND ALTITUDE	1		1	9		9	10		10
MISJUDGED SPEED AND ALTITUDE				2		2	2		2
MISJUDGED SPEED AND CLEARANCE				1		1	1		1
MISJUDGED ALTITUDE AND CLEARANCE				1		1	1		1
MISJUDGED CLEARANCE				1		1	1		1
MISUNDERSTANDING OF ORDERS OR INSTRUCTIONS				3	1	4	3	1	4
IMPROPER RECOVERY FROM BOUNCED LANDING	1		1	3		3	4		4
MISUSED OR FAILED TO USE FLAPS				1		1	1		1
FAILED TO MAINTAIN DIRECTIONAL CONTROL				18		18	18		18
FAILED TO ABORT TAKEOFF				1		1	1		1
SUBTOTAL	16	3	19	128	10	138	144	13	157
CHECK PILOT									
FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS	1		1				1		1

## CAUSE/FACTOR TABLE

## CHECK PILOT (CONTINUED)

	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
INADEQUATE SUPERVISION OF FLIGHT	2		2	9	1	10	11	1	12
LACK OF FAMILIARITY WITH AIRCRAFT				1	2	3	1	2	3
MISJUDGED DISTANCE AND ALTITUDE	1		1				1		1
INADEQUATE TRAINING OF STUDENT				1		1	1		1
SUBTOTAL	4		4	11	3	14	15	3	18
** PERSONNEL **									
FLIGHT INSTRUCTOR									
INADEQUATE SUPERVISION OF FLIGHT	1		1	7	15	22	8	15	23
INADEQUATE TRAINING OF STUDENT		2	2	5	15	20	5	17	22
MAINTENANCE, SERVICING, INSPECTION									
IMPROPER MAINTENANCE(MAINTENANCE PERSONNEL)	4	1	5	28	5	33	32	6	38
IMPROPER MAINTENANCE(OWNER PERSONNEL)				7	4	11	7	4	11
IMPROPERLY SERVICED AIRCRAFT(GROUND CREW)	1		1	11		11	12		12
IMPROPERLY SERVICED AIRCRAFT(OWNER-PILOT)				3		3	3		3
INADEQUATE INSPECTION OF AIRCRAFT(MAINTENANCE PERSONNEL)	1		1	7	3	10	8	3	11
INADEQUATE INSPECTION OF ACFT(OWNER-PILOT PERSONNEL)	3		3	6	1	7	9	1	10
INADEQUATE MAINTENANCE AND INSPECTION	12	3	15	149	16	165	161	19	180
OTHER				3		3	3		3
OPERATIONAL SUPERVISORY PERSONNEL									
INADEQUATE FLIGHT TRAINING-PROCEDURES				1		1	1		1
INADEQUATE GROUND TRAINING-PROCEDURES		1	1					1	1
INADEQUATE SUPERVISION OF FLIGHT CREW	1		1		1	1	1	1	2
INADEQUATE SUPERVISION/TRAINING OF RAMP CREWS				5	1	6	5	1	6
DEFICIENCY, COMPANY MAINTAINED EOMT, SERV, REGULATIONS		1	1	5	1	6	5	2	7
WEATHER PERSONNEL									
INCORRECT WEATHER FORECAST					3	3		3	3
TRAFFIC CONTROL PERSONNEL									
FAILURE TO ADVISE OF OTHER TRAFFIC	2	1	3		3	3	2	4	6
CLEARED AIRCRAFT TO WRONG RUNWAY FOR EXISTING CONDITIONS				1	1	2	1	1	2
ISSUED IMPROPER OR CONFLICTING INSTRUCTIONS				1		1	1		1
INADEQUATE SPACING OF AIRCRAFT	2	2	4	3		3	5	2	7
OTHER	1	3	4		3	3	1	6	7
AIRPORT SUPERVISORY PERSONNEL									
IMPROPER MAINTENANCE-AIRPORT FACILITIES				2		2	2		2
FAILURE TO NOTIFY OF UNSAFE COND/AND OR FAILURE TO MARK				4	1	5	4	1	5
IMPROPER/INADEQUATE SNOW REMOVAL				2	5	7	2	5	7
IMPROPER INSPECTION OF FACILITIES				3		3	3		3
OTHER		2	2	3	6	9	3	8	11
AIRWAYS FACILITIES PERSONNEL									
PRODUCTION-DESIGN-PERSONNEL				4	1	5	4	1	5
SUBSTANDARD QUALITY CONTROL					1	1		1	1
INCORRECT FACTORY INSTALLATION					6	6	9	9	18
POOR/INADEQUATE DESIGN		3	3	9		9			9
OTHER	1	1	2	7	3	10	8	4	12
MISCELLANEOUS-PERSONNEL									
PILOT OF OTHER AIRCRAFT	34	1	35	59	4	63	93	5	98
GROUND SIGNALMAN	1		1				1		1
SPECTATOR	2		2	1		1	3		3
GROUND CREWMAN				6	1	7	6	1	7
PASSENGER	7	1	8	12	5	17	19	6	25
DRIVER OF VEHICLE	4		4	9	6	15	13	6	19
OTHER	2	1	3	4		4	6	1	7
THIRD PILOT									
FLIGHT ENGINEER									
FLIGHT PERSONNEL									
DISPATCHING (AIR CARRIER ONLY)									
OTHER	9	14	23	20	15	35	29	29	58
DISPATCHING									
DISPATCHED AIRCRAFT IMPROPERLY EQUIPPED FOR FLIGHT	2	8	10	1		1	3	8	11
DISREGARD OF ADVERSE WEATHER CONDITIONS	1		1	1		1	2		2
DISPATCHED FLIGHT OVERWEIGHT/IMPROPER CENTER OF GRAVITY	1	1	2		1	1	1	2	3
OTHER					1	1		1	1
SUBTOTAL	92	46	138	389	128	517	481	174	655
** AIRFRAME **									
WINGS									
SPARS	2	8	10	1		1	3	8	11

## CAUSE/FACTOR TABLE

## AIRFRAME (CONTINUED)

	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
WING ATTACHMENT FITTINGS, BOLTS	1		1	1		1	2		2
SKIN AND ATTACHMENTS	1	1	2		1	1	1	2	3
NACELLES, PODS, PYLONS					1	1		1	1
OTHER	2	1	3				2	1	3
FUSELAGE									
LONGERONS				1		1	1		1
SKIN AND ATTACHMENTS	1		1				1		1
DOORS, DOOR FRAMES		1	1	1	4	5	1	5	6
WINDSHIELDS, WINDOWS, CANOPIES				1	1	2	1	1	2
SEATS				3	2	5	3	2	5
OTHER		1	1	1	3	4	1	4	5
LANDING GEAR									
MAIN GEAR-SHOCK ABSORBING ASSY, STRUTS, ATTACHMENTS, ETC				25	1	26	25	1	26
NORMAL RETRACTION/EXTENSION ASSEMBLY		1	1	42	3	45	42	4	46
EMERGENCY/EXTENSION ASSEMBLY				15		15	15		15
TAILWHEEL ASSEMBLIES				6	8	14	6	8	14
NOSEWHEEL ASSEMBLIES				16	1	17	16	1	17
WHEELS, TIRES, AXLES				11	5	16	11	5	16
SKI ASSEMBLIES				1		1	1		1
SKID ASSEMBLY				1		1	1		1
BRAKING SYSTEM (NORMAL)				42	14	56	42	14	56
BRAKING SYSTEM (EMERGENCY)				2		2	2		2
LANDING GEAR WARNING AND INDICATING COMPONENTS				2	21	23	2	21	23
GEAR LOCKING MECHANISM				10	1	11	10	1	11
SWITCHES, LEVERS, CRANKING MECHANISM, ETC				2	1	3	2	1	3
NOSEWHEEL STEERING				2	1	3	2	1	3
OTHER				6	1	7	6	1	7
FLIGHT CONTROL SURFACES									
ELEVATOR, ASSEMBLY ATTACHMENTS				1	1	2	1	1	2
RUDDER, SURFACES ATTACHMENTS				3		3	3		3
AILERON, SURFACES ATTACHMENTS				3		3	3		3
HORIZONTAL STABILIZER, ATTACHMENTS	2		2	2	2	4	2	2	6
OTHER		2	2	2		2	2	2	4
SUBTOTAL	9	15	24	203	72	275	212	87	299
** POWERPLANT **									
ENGINE STRUCTURE									
CRANKCASE				1		1	1		1
CRANKSHAFT	2		2	10		10	12		12
MASTER AND CONNECTING RODS	1		1	26		26	27		27
CYLINDER ASSEMBLY	2		2	12		12	14		14
PISTON, PISTON RINGS				14		14	14		14
VALVE ASSEMBLIES				14		14	14		14
BLOWER, IMPELLER ASSEMBLY		1	1	7		7	7	1	8
MOUNT AND VIBRATION ISOLATORS		1	1					1	1
OTHER	1		1	10		10	11		11
IGNITION SYSTEM									
MAGNETOES	3	1	4	11		11	14	1	15
SPARK PLUG	4	1	5	9	3	12	13	4	17
COILS				1		1	1		1
HIGH TENSION WIRING				2		2	2		2
IGNITION HARNESS, SHIELDING	1		1				1		1
SWITCHES				2		2	2		2
LEADS				1		1	1		1
OTHER				1		1	1		1
FUEL SYSTEM									
TANKS				6		6	6		6
LINES AND FITTINGS				17		17	17		17
SELECTOR VALVES		1	1	6		6	6	1	7
FILTERS, STRAINERS, SCREENS				6	1	7	6	1	7
PRIMING SYSTEM				1	1	2	1	1	2
CARBURETOR	1		1	22	1	23	23	1	24
PUMPS				12		12	12		12
FUEL INJECTION SYSTEM				10		10	10		10
VENTS, DRAINS, TANK CAPS				15	1	16	15	1	16
DUMP VALVES				1		1	1		1
RAM AIR ASSEMBLY				8	1	9	8	1	9
OTHER				11	1	12	11	1	12
LUBRICATING SYSTEM									
LINES, HOSES, FITTINGS	1		1	6		6	7		7

## CAUSE/FACTOR TABLE

## POWERPLANT (CONTINUED)

	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
VALVES				6		6	6		6
FILTERS, SCREENS				2		2	2		2
OIL COOLERS				2		2	2		2
OTHER				3	2	5	3	2	5
COOLING SYSTEM									
COWLING				1		1	1		1
PROPELLER AND ACCESSORIES									
BLADES	2	2	4	10	1	11	12	3	15
HUBS	1		1	1		1	2		2
HYDRAULIC PITCH CONTROL MECHANISM				2		2	2		2
SPINNERS, DOMES				1		1	1		1
GOVERNORS				2		2	2		2
BLADE RETENTION MECHANISM				1		1	1		1
OTHER	1	1	2	1		1	2	1	3
EXHAUST SYSTEM									
MANIFOLDS				2		2	2		2
MUFFLERS				7		7	7		7
GASKETS				1		1	1		1
STACKS				5	1	6	5	1	6
EXTERNAL SUPERCHARGER				1		1	1		1
OTHER				1		1	1		1
ENGINE ACCESSORIES									
VACUUM PUMPS					1	1		1	1
STARTERS				3		3	3		3
ENGINE CONTROLS-COCKPIT									
THROTTLE-POWER LEVER ASSEMBLIES	1		1	15	1	16	16	1	17
MIXTURE CONTROL ASSEMBLIES				3		3	3		3
INDUCTION AIR, PREHEAT CONTROLS				4		4	4		4
PROPELLER GOVERNOR CONTROLS					1	1		1	1
OTHER					1	1		1	1
POWERPLANT-INSTRUMENTS									
POWER INDICATORS					1	1		1	1
FUEL QUANTITY GAUGE				2	15	17	2	15	17
MISCELLANEOUS									
POWERPLANT FAILURE FOR UNDETERMINED REASONS	15		15	216	1	217	231	1	232
BIRD INGESTION				1		1	1		1
DETONATION				2		2	2		2
OTHER		1	1	2		2	2	1	3
REDUCTION GEAR ASSEMBLY									
GEARS, REDUCTION				1		1	1		1
BEARING, REDUCTION GEAR				1		1	1		1
SHAFT, ACCESSORY DRIVE	1		1				1		1
GEARS, ACCESSORY DRIVE				1		1	1		1
COMPRESSOR ASSEMBLY									
COMBUSTION ASSEMBLY									
TURBINE ASSEMBLY									
WHEEL, TURBINE				1		1	1		1
BLADE, TURBINE WHEEL				1		1	1		1
BEARING, SHAFT				1		1	1		1
ACCESSORY DRIVE ASSEMBLY									
GEARS, ACCESSORY DRIVE				1		1	1		1
LUBRICATING SYSTEM									
COOLER, OIL				1		1	1		1
OTHER				1		1	1		1
FUEL SYSTEM									
TANKS				1		1	1		1
FUEL CONTROL					1	1		1	1
SAFETY SYSTEM									
IGNITION SYSTEM									
TORQUEMETER									
AIR BLEED									
EXHAUST SYSTEM									
CLAMPS				1		1	1		1
THRUST REVERSER									
PROPELLER SYSTEM									
OTHER				1		1	1		1
CONSTANT SPEED DRIVE									
POWER LEVER									
PROPELLER LEVER									
REVERSE THRUST LEVER									
ENGINE INDICATING EQUIPMENT									
ENGINE INSTALLATION									

## CAUSE/FACTOR TABLE

## POWERPLANT (CONTINUED)

	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
SUBTOTAL	37	9	46	551	35	586	588	44	632
** SYSTEMS **									
ELECTRICAL SYSTEM									
BATTERIES		1	1	2	5	7	2	6	8
GENERATORS/ALTERNATORS				1	6	7	1	6	7
REGULATOR					1	1		1	1
RELAYS AND WIRING				2	1	3	2	1	3
MOTORS				1		1	1		1
SWITCHES					1	1		1	1
PROTECTIVE DEVICES				1	3	4	1	3	4
OTHER		1	1	3		3	3	1	4
HYDRAULIC SYSTEM									
HYDRAULIC MOTORS					1	1		1	1
RESERVOIR, LINES, FITTINGS		1	1	10		10	10	1	11
SEALS				2	1	3	2	1	3
OTHER				1		1	1		1
FLIGHT CONTROL SYSTEMS									
AILERON AND AILERON TAB CONTROL SYSTEM	2		2	2	1	3	4	1	5
ELEVATOR AND ELEVATOR TAB CONTROL SYSTEM	1		1	1	2	3	2	2	4
RUDDER AND RUDDER TAB CONTROL SYSTEM				2	1	3	2	1	3
WING FLAP CONTROL SYSTEM (ELECTRICAL)	1		1		3	3	1	3	4
OTHER				1		1	1		1
ANTI-ICING, DE-ICING SYSTEMS									
WING ANTI-ICING, DE-ICING SYSTEMS	1		1	1		1	2		2
EMPENNAGE ANTI-ICING, DE-ICING SYSTEMS				1		1	1		1
PROPELLER ANTI-ICING, DE-ICING SYSTEMS		1	1					1	1
CARBURETOR DE-ICING SYSTEM				2		2	2		2
OTHER				1		1	1		1
AIR CONDITION, HEATING AND PRESSURIZATION									
OTHER				1		1	1		1
AUTO PILOT									
SERVO					1	1		1	1
FIRE WARNING SYSTEM									
FIRE EXTINGUISHER SYSTEM									
OXYGEN SYSTEM									
OTHER SYSTEMS									
PITOT SYSTEM	1	1	2	1	2	3	2	3	5
VACUUM SYSTEM	1		1				1		1
SUBTOTAL	7	5	12	36	29	65	43	34	77
** INSTRUMENTS/EQUIPMENT AND ACCESSORIES **									
FLIGHT AND NAVIGATION INSTRUMENTS									
ALTIMETERS				1		1	1		1
AIRSPEED		1	1		6	6		7	7
ATTITUDE GYRO	2	1	3		1	1	2	2	4
DIRECTIONAL GYRO					1	1		1	1
COMMUNICATIONS AND NAVIGATION EQUIPMENT									
TRANSMITTERS AND/OR RECEIVERS					1	1		1	1
ILS RECEIVERS		1	1					1	1
OTHER					1	1		1	1
MISCELLANEOUS EQUIPMENT									
SPRAY, DUSTING EQUIPMENT	1		1	3	3	6	4	3	7
GLIDER LAUNCH/TOW EQUIPMENT				3		3	3		3
OTHER		1	1	2		2	2	1	3
SUBTOTAL	3	4	7	9	13	22	12	17	29
** ROTORCRAFT **									
ROTOR ASSEMBLIES									
MAIN ROTOR BLADES	2		2				2		2
TAIL ROTOR BLADES				2		2	2		2
MAIN ROTOR HEAD ASSEMBLIES	1		1				1		1
BLADE TRIM TABS					1	1		1	1
OTHER	2		2				2		2
TRANSMISSION ROTOR DRIVE SYSTEM									
MAIN ROTOR DRIVE SHAFT				1		1	1		1
MAIN ROTOR PULLEYS, BELTS				1		1	1		1
TAIL ROTOR DRIVE SHAFT ASSEMBLY	1		1	5		5	6		6

## CAUSE/FACTOR TABLE

## ROTORCRAFT (CONTINUED)

	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
TAIL ROTOR GEAR BOX				3		3	3		3
CLUTCH ASSEMBLY	1		1	5	1	6	6	1	7
FLIGHT CONTROL SYSTEMS									
CYCLIC PITCH CONTROL SYSTEM	1		1	3		3	4		4
TAIL ROTOR PITCH CONTROL SYSTEM				2		2	2		2
OTHER				2		2	2		2
MISCELLANEOUS UNITS AND ASSEMBLIES									
TAIL BOOMS/PYLONS/CONES		1	1					1	1
OTHER				1		1	1		1
SUBTOTAL	8	1	9	25	2	27	33	3	36
** AIRPORTS/AIRWAYS/FACILITIES **									
AIRPORT FACILITIES									
APPROACH LIGHTING					1	1		1	1
RUNWAY LIGHTING		1	1	1	6	7	1	7	8
TAXIWAY LIGHTING AND MARKING					3	3		3	3
OTHER					4	4		4	4
AIRPORT CONDITIONS									
WET RUNWAY		2	2	6	49	55	6	51	57
ICE/SLUSH ON RUNWAY				4	19	23	4	19	23
SNOW ON RUNWAY				3	31	34	3	31	34
SNOW WINDROWS				3	52	55	3	52	55
UNMARKED OBSTRUCTIONS		1	1	1	4	5	1	5	6
SOFT SHOULDERS (RUNWAY)				1	25	26	1	25	26
ROUGH WATER				2		2	2		2
HIGH VEGETATION		1	1	1	38	39	1	39	40
HIDDEN HAZARD				7	11	18	7	11	18
POORLY MAINTAINED RUNWAY SURFACE				5	19	24	5	19	24
SOFT RUNWAY		1	1	3	23	26	3	24	27
ICE/SLUSH ON RAMP/TAXIWAY					2	2		2	2
SNOW ON RAMP/TAXIWAY					1	1		1	1
SOFT SHOULDERS (RAMP/TAXIWAY)					1	1		1	1
OTHER		6	6	20	317	337	20	323	343
AIRWAYS FACILITIES									
SUBTOTAL		12	12	57	606	663	57	618	675
** WEATHER **									
LOW CEILING		178	178	1	60	61	1	238	239
RAIN		60	60		25	25		85	85
FOG		114	114	1	57	58	1	171	172
SNOW		33	33		17	17		50	50
HAIL		1	1					1	1
ICING CONDITIONS-INCLUDES SLEET, FREEZING RAIN, ETC	1	28	29	1	20	21	2	48	50
CONDITIONS CONDUCTIVE TO CARB/INDUCTION SYSTEM ICING		10	10	1	59	60	1	69	70
UNFAVORABLE WIND CONDITIONS	2	13	15	62	265	327	64	278	342
SUDDEN WINDSHIFT				9	20	29	9	20	29
TURBULENCE IN FLIGHT, CLEAR AIR		5	5	2	3	5	2	8	10
TURBULENCE ASSOCIATED WITH CLOUDS AND/OR THUNDERSTORMS		24	24		8	8		32	32
DOWNDRAFTS, UPDRAFTS	2	12	14	24	59	83	26	71	97
LOCAL WHIRLWIND	1		1	5	3	8	6	3	9
TORNADO				1		1	1		1
LIGHTNING STRIKE				1		1	1		1
SQUALL LINE		1	1					1	1
ADVERSE WINDS ALOFT		1	1	1	5	6	1	6	7
HIGH TEMPERATURE		1	1		15	15		16	16
OBSTRUCTIONS TO VISION		6	6		8	8		14	14
HIGH DENSITY ALTITUDE		19	19		78	78		97	97
THUNDERSTORM ACTIVITY		41	41	1	14	15	1	55	56
OTHER		5	5		4	4		9	9
SUBTOTAL	6	552	558	110	720	830	116	1272	1388
** TERRAIN **									
WET, SOFT GROUND		1	1	42	67	109	42	68	110
SNOW-COVERED		4	4	9	22	31	9	26	35
ICY				1	2	3	1	2	3
HIGH VEGETATION				34	54	88	34	54	88

## TERRAIN (CONTINUED)

## CAUSE/FACTOR TABLE

	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
HIDDEN OBSTRUCTIONS	1		1	12	13	25	13	13	26
ROUGH/UNEVEN	3	4	7	156	152	308	159	156	315
ROUGH WATER				1	7	8	1	7	8
GLASSY WATER		1	1		2	2		3	3
HIGH OBSTRUCTIONS	5	182	187	118	444	562	123	626	749
LOOSE GRAVEL					2	2		2	2
SANDY		1	1	3	17	20	3	18	21
OTHER	1	7	8	49	102	151	50	109	159
SUBTOTAL	10	200	210	425	884	1309	435	1084	1519
** MISCELLANEOUS **									
BIRD COLLISION				2		2	2		2
VORTEX TURBULENCE	1		1	11	2	13	12	2	14
PROP/JET/ROTOR BLAST				4		4	4		4
ANIMAL(S) ON RUNWAY/TAXIWAY/RAMP				16	2	18	16	2	18
EVASIVE MANEUVER TO AVOID COLLISION	2	6	8	70	22	92	72	28	100
UNQUALIFIED PERSON OPERATED AIRCRAFT	4		4	8	1	9	12	1	13
SABOTAGE				1		1	1		1
SUICIDE	1		1				1		1
FOREIGN OBJECT DAMAGE	1		1	3		3	4		4
SMOKE IN COCKPIT					2	2			2
FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS		1	1	54	6	60	54	7	61
UNDETERMINED	53		53	22		22	75		75
DIRECT ENTRIES	1		1	1		1	2		2
SUBTOTAL	63	7	70	192	35	227	255	42	297
GRAND TOTAL	1390	1042	2432	7238	2986	10224	8628	4028	12656
** MISCELLANEOUS ACTS, CONDITIONS **									
ALTIMETER SETTING-INCORRECT		2	2	1		1	1	2	3
ANTI-ICING/DEICING EQUIP-IMPROPER OPER. OF/FAILED TO USE	8	1	9	56	2	58	64	3	67
CHECKLIST-FAILED TO USE		4	4	1	34	35	1	38	39
CREW COORDINATION-POOR		3	3		1	1		4	4
DISREGARD OF GOOD OPERATING PRACTICE	5	8	13	8	25	33	13	33	46
IMPROPER EMERGENCY PROCEDURES	4	1	5	17	7	24	21	8	29
GUST LOCKS ENGAGED	3		3	4		4	7		7
INSTRUMENTS-MISREAD OR FAILED TO READ	10	3	13	2		2	12	3	15
SEAT BELT NOT FASTENED		2	2				2		2
NOT ALLIGNED WITH RUNWAY/INTENDED LANDING AREA		2	2	16	10	26	16	12	28
UNWARRANTED LOW FLYING	29	32	61	35	18	53	64	50	114
FAILED TO USE ALL AVAILABLE RUNWAY		1	1	6	1	7	6	2	8
LANDED AT WRONG AIRPORT		1	1		3	3		4	4
INATTENTIVE TO FUEL SUPPLY	3	2	5	30	8	38	33	10	43
FLEW INTO BLIND CANYON	6	2	8	7	2	9	13	4	17
PREMATURE FLAP RETRACTION				2		2	2		2
POORLY PLANNED APPROACH	5	5	10	10	91	101	15	96	111
MISCALCULATED FUEL CONSUMPTION	2	1	3	11	3	14	13	4	17
JETTISONED LOAD		2	2		23	23		25	25
STOLEN OR UNAUTHORIZED USE OF AIRCRAFT		9	9	1	13	14	1	22	23
LANDED ON FOAMED RUNWAY				4		4		4	4
CORRECTING LENSES-NOT USED				1		1		1	1
IMPROPERLY SECURED		1	1	25	7	32	25	8	33
BOGUS PART				1		1	1		1
COMMUNICATIONS FAILURE					2	2		2	2
ELECTRICAL FAILURE		1	1	3	11	14	3	12	15
ENGINE LOADED UP				12		12	12		12
FATIGUE FRACTURE	4		4	40		40	44		44
FUEL GRADE-IMPROPER				3	1	4	3	1	4
HYDRAULIC FAILURE		1	1	2		2	2	1	3
RPM-UNCONTROLLABLE-OVERSPEED	1		1	4	2	6	5	2	7
THRUST REVERSAL-ASYMETRICAL				1		1		1	1
WINDSHIELD, DIRTY, FOGGY, ETC-RESTRICTED VISION		1	1	2	8	10	2	9	11
WRONG PART	2	1	3	6		6	8	1	9
IMPROPER ALIGNMENT/ADJUSTMENT	2		2	12	4	16	14	4	18
FAILURE OF TWO OR MORE ENGINES		2	2	5	8	13	5	10	15
SEPARATION IN FLIGHT	2	45	47	2	28	30	4	73	77

CAUSE/FACTOR TABLE

MISCELLANEOUS ACTS, CONDITIONS (CONTINUED)

	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
FIRE IN CABIN/ COCKPIT/ BAGGAGE COMPARTMENT					4	4		4	4
FIRE IN ENGINE				5	13	18	5	13	18
FIRE IN BRAKES/ WHEEL ASSEMBLY/ WHEEL WELL				1	1	2	1	1	2
ASYMETRICAL FLAPS	1		1				1		1
LATERAL IMBALANCE				2		2	2		2
CORRODED/CORROSION		1	1	13	9	22	13	10	23
INCORRECT TRIM SETTING		1	1	1	1	2	1	2	3
CONGESTED TRAFFIC-PATTERN		2	2		1	1		3	3
PILOT FATIGUE	3	15	18	2	20	22	5	35	40
FUEL EXHAUSTION	10		10	178	1	179	188	1	189
FUEL CONTAMINATION-EXCLUSIVE OF WATER IN FUEL	1		1	9		9	10		10
PILOT SUFFERED HEART ATTACK	4		4				4		4
ALCOHOLIC IMPAIRMENT OF EFFICIENCY AND JUDGMENT	28	18	46	1	3	4	29	21	50
ICE-IN FUEL				8		8	8		8
ICE-ENGINE		1	1					1	1
ICE-CARBURETOR	8		8	54		54	62		62
ICE-PROPELLER	2	1	3	1		1	3	1	4
AIRFRAME ICE	11	2	13	21	6	27	32	8	40
ICE-WINDSHIELD				4	2	6	4	2	6
IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR CG	3	23	26	14	14	28	17	37	54
INTERFERENCE WITH FLIGHT CONTROLS	4	1	5	5	1	6	9	2	11
WHITEOUT	2		2	1	4	5	3	4	7
SUNGLARE		7	7	1	28	29	1	35	36
LACK OF LUBRICATION-SPECIFIC PART, NOT SYSTEM	2		2	14		14	16		16
OIL EXHAUSTION-ENGINE LUBRICATION SYSTEM				18		18	18		18
SIMULATED CONDITIONS	4	3	7	13	39	52	17	42	59
FUEL SIPHONING				6	1	7	6	1	7
WATER IN FUEL	1	1	2	46		46	47	1	48
AIRCRAFT CAME TO REST IN WATER		46	46		79	79		125	125
FROZEN, MOISTURE				2		2	2		2
MISSING				7		7	7		7
TOUCH AND GO LANDING		7	7		78	78		85	85
HYDROPLANING ON WET RUNWAY				6		6	6		6
OVERLOAD FAILURE	11	20	31	3	543	546	14	563	577
MATERIAL FAILURE	13	3	16	186	6	192	199	9	208
FUEL STARVATION	11		11	175		175	186		186
OIL STARVATION				2		2	2		2
IMPROPER CLEARANCE-TOLERANCE	2		2	9		9	11		11
FUEL SELECTOR POSITIONED BETWEEN TANKS	1		1	6		6	7		7
TIEDOWN LINES SNAPPED				1		1	1		1
FIRE OF UNDETERMINED ORIGIN					1	1		1	1
UNAPPROVED MODIFICATION	1		1	4	1	5	5	1	6
IMPROPER/INADEQUATE VENTING				1		1	1		1
ACTION, LACK OF	1		1	1	2	3	2	2	4
POOR WELD				1		1	1		1
PREVIOUS DAMAGE	1	5	6	7	19	26	8	24	32
BRAKES FROZEN				2		2	2		2
LEAK/LEAKAGE				28	1	29	28	1	29
LOW FLUID LEVEL				1		1	1		1
CIRCUIT BREAKER POPPED				1	8	9	1	8	9
ARCING	2		2	2	1	3	4	1	5
LOW COMPRESSION				2		2	2		2
RUNWAY CLOSED					7	7		7	7
DOWNWIND		5	5	1	128	129	1	133	134
CARBON DEPOSITS		1	1	4		4	4	1	5
LANDED IN CONSTRUCTION AREA					5	5		5	5
OVER TORQUED				2		2	2		2
UNDER TORQUED				2		2	2		2
LOOSE, PART/FITTING				14	6	20	14	6	20
GROUND RESONANCE				1		1	1		1
BENT	1	1	2	9	1	10	10	2	12
RINDING	1		1	4	3	7	5	3	8
BURNED				2		2	2		2
CHAFFED				2	1	3	2	1	3
COLLAPSED				5		5	5		5
CROSSED	1		1				1		1
DETERIORATED	2		2	5	1	6	7	1	8
DISCONNECTED	4		4	31	2	33	35	2	37
EXCESSIVE-WEAR/PLAY	2		2	8	2	10	10	2	12
ERRATIC				2	18	20	2	18	20
FRAYED	1		1				1		1
GROUNDING				3	2	5	3	2	5

# CAUSE/FACTOR TABLE

## MISCELLANEOUS ACTS, CONDITIONS (CONTINUED)

	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
IMPROPERLY INSTALLED	3	1	4	13	1	14	16	2	18
JAMMED	1		1	18	1	19	19	1	20
NICKED				1		1	1		1
OBSTRUCTED		1	1	19	3	22	19	4	23
OPEN				2	1	3	2	1	3
OVERHEATED				5		5	5		5
EXCESSIVE PRESSURE				1		1	1		1
PRESSURE TOO LOW				6	1	7	6	1	7
PRESSURE, NONE				2		2	2		2
SCORED				3		3	3		3
SHEARED				4	1	5	4	1	5
STICKING		1	1	1	1	2	1	2	3
STRIPPED				2		2	2		2
STUCK				3	2	5	3	2	5
EXCESSIVE TEMPERATURE				4	1	5	4	1	5
TEMPERATURE TOO LOW				1		1	1		1
VIBRATION, EXCESSIVE		2	2	6	7	13	6	9	15
CONGESTED RAMP/TAXIWAY		1	1		3	3		4	4
ICE-INDUCTION				3		3	3		3
FIRE IN WING				1	2	3	1	2	3
LOAD NOT JETTISONED	1	1	2	3	42	45	4	43	47
INTENTIONAL GROUND-WATER LOOP-SWERVE				22	16	38	22	16	38
INTENTIONAL WHEELS UP				30	2	32	30	2	32

## DIRECT ENTRY CAUSES

MISC- TOW PLANE LOST PWR AT LOW ALT.

MISC-UNABLE TO RETRIM ACFT FOR UNDETERMINED REASON

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

U. S. AIR CARRIER BRIEFS



NATIONAL TRANSPORTATION SAFETY BOARD

WASHINGTON, D. C. 20594

BRIEFS OF ACCIDENTS/INCIDENTS

U.S. CERTIFICATED ROUTE AND SUPPLEMENTAL AIR CARRIERS

(ALL OPERATIONS)

SUPPLEMENTAL ISSUE

1974

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
1-0024	9/8/74 TIME - 0940	NR.CEPHALONIA,GREECE	BOEING 707 N8734 DAMAGE-DESTROYED	CR- 9 0 0 PX- 79 0 0	SCHED INTERNATL PASSG SRV	AIRLINE TRANSPORT, AGE 55, 21960 TOTAL HOURS, 7280 IN TYPE, INSTRUMENT RATED.
<p>OPERATOR - TRANS WORLD AIRLINES,INC.  DEPARTURE POINT INTENDED DESTINATION  TEL AVIV,ISRAEL NEW YORK,NY  TYPE OF ACCIDENT  FIRE OR EXPLOSION IN FLIGHT  COLLISION WITH GROUND/WATER UNCONTROLLED  PROBABLE CAUSE(S)  MISCELLANEOUS - SABOTAGE  FACTOR(S)  MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER  REMARKS- DETONATION OF EXPLOSIVE DEVICE,AFT CARGO COMPARTMENT.CRASHED INTO IONIAN SEA 50MI W OF CEPHALONIA.</p>						
1-0046	11/25/74 TIME - 0616	BEIRUT,LEBANON	BDEING 707 N765PA DAMAGE-MINOR	CR- 0 0 9 PX- 0 1 20	SCHED INTERNATL PASSG SRV	AIRLINE TRANSPORT, AGE 53, 22579 TOTAL HOURS, 10579 IN TYPE, INSTRUMENT RATED.
<p>NAME OF AIRPORT - BEIRUT INTL  OPERATOR - PAN AMERICAN WORLD AIRWAYS,INC.  DEPARTURE POINT INTENDED DESTINATION  TEHRAN,IRAN NEW YORK,NY  TYPE OF ACCIDENT  ENGINE FAILURE OR MALFUNCTION  MISCELLANEOUS  COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE  FIRE AFTER IMPACT  REMARKS- NR 4 ENG FAILED.ABORTED.PSGR INJURED DRG EVAC.INVESTIGATION UNDER JURISDICTION GOVT OF LEBANON.</p>						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
1-0047	4/22/74 TIME - 1526	BALI, INDONESIA	BOEING 707 N446PA DAMAGE-DESTROYED	CR- 11 0 0 PX- 96 0 0	SCHED INTERNATL PASSG SRV	AIRLINE TRANSPORT, AGE 52, 18247 TOTAL HOURS, 7192 IN TYPE, INSTRUMENT RATED.
<p>OPERATOR - PAN AMERICAN WORLD AIRWAYS, INC.  DEPARTURE POINT INTENDED DESTINATION  HONGKONG SYDNEY, AUSTRALIA  TYPE OF ACCIDENT  COLLISION WITH GROUND/WATER CONTROLLED</p> <p>PROBABLE CAUSE(S)  PILOT - PREMATURE PT OUTBD BASED ON ONLY 1 ADF INDCN  FIRE AFTER IMPACT  REMARKS- QTR ADF INDCD STEADY COND. RPRTD BY GOVT OF INDO.</p> <p>LAST ENROUTE STOP  BALI, INDONESIA  PHASE OF OPERATION  LANDING INITIAL APPROACH</p>						
4-0001	1/8/74 TIME - 2355	DALLAS, TEX	BOEING 707 N71000 DAMAGE-MINOR	CR- 0 0 3 PX- 0 0 0	FERRY	AIRLINE TRANSPORT, AGE 50, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT  NAME OF AIRPORT - DALLAS LOVE FIELD  OPERATOR - OTHER  DEPARTURE POINT INTENDED DESTINATION  NEW YORK, NY DALLAS, TEX  TYPE OF ACCIDENT  COLLIDED WITH PARKED AIRCRAFT</p> <p>PROBABLE CAUSE(S)  PILOT IN COMMAND - MISJUDGED CLEARANCE  FACTOR(S)  PERSONNEL - TRAFFIC CONTROL PERSONNEL OTHER  REMARKS- TRANS MEDITERRANEAN AIRWAYS. SUBST DMG TO PARKED CV-580 N73106. INADEQUATE TAXI INSTRUCTIONS.</p> <p>PHASE OF OPERATION  TAXI FROM LANDING</p>						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
4-0002	1/24/74 TIME - 1926	ALLENTOWN, PA	BOEING 737 N9154U DAMAGE-MINOR	CR- 0 0 6 PX- 0 0 64	SCHED DOM PASSG SRV	AIRLINE TRANSPORT, AGE UNK/NR, 18000 TOTAL HOURS, 2884 IN TYPE, INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT  NAME OF AIRPORT - A-B-EASTON  OPERATOR - UNITED AIR LINES, INC.  DEPARTURE POINT INTENDED DESTINATION  PITTSBURGH, PA ALLENTOWN, PA  TYPE OF ACCIDENT  DRAGGED WINGTIP, POD, OR FLOAT</p> <p>PROBABLE CAUSE(S)  PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND  FACTOR(S)  WEATHER - FOG  WEATHER BRIEFING - COMPANY DISPATCH  WEATHER FORECAST - UNKNOWN/NOT REPORTED</p> <p>SKY CONDITION  OBSCURATION  VISIBILITY AT ACCIDENT SITE  1/2 MILE OR LESS  OBSTRUCTIONS TO VISION AT ACCIDENT SITE  FOG  WIND DIRECTION-DEGREES  230  TYPE OF WEATHER CONDITIONS  IFR</p> <p>CEILING AT ACCIDENT SITE  300  PRECIPITATION AT ACCIDENT SITE  NONE  RELATIVE BEARING OF WIND  TAIL WIND 158-202 DEGREES  WIND VELOCITY-KNOTS  11  TYPE OF FLIGHT PLAN  IFR</p> <p>REMARKS- ENCTR D FOG DRG FLARE REJECTED LDG. SCRAPE MARKS ON RWY ASSOCIATED WITH NR 2 ENG AND R J-SCREW FAIR.</p>						
4-0003	1/3/74 TIME - 1650	COLUMBIA, SC	DOUGLAS DC-8 N8148PA DAMAGE-MINOR	CR- 0 0 7 PX- 0 0 52	SCHED DOM PASSG SRV	AIRLINE TRANSPORT, AGE 44, 16600 TOTAL HOURS, 2200 IN TYPE, INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT  NAME OF AIRPORT - COLUMBIA METRO  OPERATOR - DELTA AIR LINES, INC.  DEPARTURE POINT INTENDED DESTINATION  ATLANTA, GA COLUMBIA, SC  TYPE OF ACCIDENT  UNDERSHOOT  COLLIDED WITH AIRPORT HAZARD</p> <p>PROBABLE CAUSE(S)  COPILOT - MISJUDGED DISTANCE AND ALTITUDE  PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT  FACTOR(S)  AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS OTHER</p> <p>REMARKS- DESCENDED BELOW GLIDE PATH. T/D 28FT SHORT OF RWY. HIT 4IN RWY LIP.</p>						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
4-0004	2/17/74 TIME - 2031	NR.NANTUCKET,MASS	DOUGLAS DC-8 N8639 DAMAGE-NONE	CR- 0 0 3 PX- 0 0 0	NS/CTR REVENUE CARGO INTL	AIRLINE TRANSPORT, AGE UNK/NR, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT  OPERATOR - SEABOARD WORLD AIRLINES,INC.  DEPARTURE POINT INTENDED DESTINATION  NEW YORK,NY LONDON,ENGLAND  TYPE OF ACCIDENT PHASE OF OPERATION  MISCELLANEOUS IN FLIGHT NORMAL CRUISE</p> <p>PROBABLE CAUSE(S)  COPILOT - INCAPACITATION  EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT  FUMES IN CABIN  REMARKS- TOXIC FUMES BELIEVED EMANATING FM CARGO.NO EVIDENCE OF LEAKAGE OR FUMES FOUND.C/P ILL BEFORE FLT.</p>						
4-0005	3/17/74 TIME - 0910	N.ATLANTIC OCEAN	BOEING 747 N93114 DAMAGE-MINOR	CR- 0 0 16 PX- 0 0137	SCHED INTERNATL PASSG SRV	AIRLINE TRANSPORT, AGE 53, 21900 TOTAL HOURS, 2200 IN TYPE, INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT  OPERATOR - TRANS WORLD AIRLINES,INC.  DEPARTURE POINT INTENDED DESTINATION  MADRID,SPAIN JAMAICA,NY  TYPE OF ACCIDENT PHASE OF OPERATION  FIRE OR EXPLOSION IN FLIGHT IN FLIGHT OTHER</p> <p>PROBABLE CAUSE(S)  PERSONNEL - PRODUCTION-DESIGN-PERSONNEL OTHER  INSTRUMENTS/EQUIPMENT AND ACCESSORIES - MISCELLANEOUS EQUIPMENT OTHER  MISCELLANEOUS ACTS,CONDITIONS - OVERHEATED  REMARKS- COFFEE MAKER NORDSKOG P/N5851 CTL MODULE MALFUNCTIONED.NEW SYS,THERMAL OVRHT.</p>						
4-0006	4/7/74 TIME - 0002	SAGWON,ALAS	LOCKHEED GA 382B N9262R DAMAGE-MINOR	CR- 0 0 4 PX- 0 0 0	FERRY	AIRLINE TRANSPORT, AGE 31, 5300 TOTAL HOURS, 1600 IN TYPE, INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT  OPERATOR - AIRLIFT INTERNATIONAL,INC.  DEPARTURE POINT INTENDED DESTINATION  SAGWON,ALAS FAIRBANKS,ALAS  TYPE OF ACCIDENT PHASE OF OPERATION  FIRE OR EXPLOSION IN FLIGHT IN FLIGHT CLIMB TO CRUISE</p> <p>PROBABLE CAUSE(S)  POWERPLANT - TURBINE ASSEMBLY BLADE,TURBINE WHEEL  MISCELLANEOUS ACTS,CONDITIONS - FIRE IN ENGINE  EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT  SUSPECTED OR KNOWN AIRCRAFT DAMAGE  REMARKS- EXPLOSION &amp; FIRE NR 1 ENG.PULLED T HANDLE,FEATHERED,FIRE WENT OUT.</p>						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
4-0007	4/30/74 TIME - 1710	NR.SIERRA BLANCA,TEX	BOEING 727 N4736 DAMAGE-MINOR	CR- 0 0 8 PX- 0 0 89	SCHED DOM PASSG SRV	AIRLINE TRANSPORT, AGE 53, 13429 TOTAL HOURS, 4002 IN TYPE, INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT</p> <p>OPERATOR - NATIONAL AIRLINES, INC</p> <p>DEPARTURE POINT INTENDED DESTINATION</p> <p>SAN DIEGO,CALIF MIAMI,FLA</p> <p>TYPE OF ACCIDENT</p> <p>ENGINE FAILURE OR MALFUNCTION</p> <p>ENGINE TEARAWAY</p> <p>LAST ENROUTE STOP</p> <p>NEW ORLEANS,LA</p> <p>PHASE OF OPERATION</p> <p>IN FLIGHT NORMAL CRUISE</p> <p>IN FLIGHT NORMAL CRUISE</p> <p>PROBABLE CAUSE(S)</p> <p>PERSONNEL - MAINTENANCE,SERVICING,INSPECTION IMPROPERLY SERVICED AIRCRAFT (GROUND CREW)</p> <p>INSTRUMENTS/EQUIPMENT AND ACCESSORIES - MISCELLANEOUS EQUIPMENT OTHER</p> <p>MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY SECURED</p> <p>MISCELLANEOUS ACTS,CONDITIONS - LEAK/LEAKAGE</p> <p>POWERPLANT - MISCELLANEOUS FOREIGN OBJECT DAMAGE</p> <p>POWERPLANT - ENGINE STRUCTURE MOUNT AND VIBRATION ISOLATORS</p> <p>MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE</p> <p>FACTOR(S)</p> <p>MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT</p> <p>COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE</p> <p>EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT</p> <p>SUSPECTED OR KNOWN AIRCRAFT DAMAGE</p> <p>REMARKS- FLUID LK FM R FWD LAV TANK DRAIN DONUT PLUG.IMPACT DMG R LDG LT,HUMAN WASTE ON #3 ENG NOSE CONE.</p>						
4-0008	5/8/74 TIME - 2010	PHILADELPHIA,PA	BOEING 707 N778TW DAMAGE-MINOR	CR- 0 0 9 PX- 0 0149	SCHED INTERNATL PASSG SRV	AIRLINE TRANSPORT, AGE UNK/NR, 26500 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT</p> <p>NAME OF AIRPORT - PHILADELPHIA INTL</p> <p>OPERATOR - TRANS WORLD AIRLINES, INC.</p> <p>DEPARTURE POINT INTENDED DESTINATION</p> <p>PITTSBURGH,PA LONDON,ENGLAND</p> <p>TYPE OF ACCIDENT</p> <p>ENGINE FAILURE OR MALFUNCTION</p> <p>LAST ENROUTE STOP</p> <p>PHILADELPHIA,PA</p> <p>PHASE OF OPERATION</p> <p>TAKEOFF RUN</p> <p>PROBABLE CAUSE(S)</p> <p>POWERPLANT - COMPRESSOR ASSEMBLY BLADE,COMPRESSOR ROTOR</p> <p>MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE</p> <p>PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE</p> <p>REMARKS- 16TH STAGE COMPRESSOR FAILED.</p>						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
4-0009	5/4/74 TIME - 1305	NR.LOS ANGELES,CALIF	BOEING 747 N93117 DAMAGE-MINOR	CR- 0 0 15 PX- 0 0182	SCHED DOM PASSG SRV	AIRLINE TRANSPORT, AGE UNK/NR, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT OPERATOR - TRANS WORLD AIRLINES,INC. DEPARTURE POINT INTENDED DESTINATION LOS ANGELES,CALIF NEW YORK,NY TYPE OF ACCIDENT PHASE OF OPERATION AIRFRAME FAILURE IN FLIGHT IN FLIGHT CLIMB TO CRUISE  PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION POWERPLANT - COOLING SYSTEM COWLING MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY SECURED MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT REMARKS- #2 ENG FAN COWLING SEPD,HIT L HORZ STAB.MODIFICATION ORDER NOT COMPLETED.LNDD MCI OK.						
4-0010	4/19/74 TIME - 2254	EAST BOSTON,MASS	LOCKHEED 1011 N31007 DAMAGE-DESTROYED	CR- 0 0 0 PX- 0 0 0	SCHED DOM PASSG SRV	
CLASSIFIED AS INCIDENT NAME OF AIRPORT - LOGAN INTL OPERATOR - TRANS WORLD AIRLINES,INC. DEPARTURE POINT INTENDED DESTINATION LOS ANGELES,CALIF EAST BOSTON,MASS TYPE OF ACCIDENT PHASE OF OPERATION FIRE OR EXPLOSION ON GROUND STATIC PARKED-ENGINES NOT OPERATING  PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - FIRE IN CABIN,COCKPIT,BAGGAGE COMPARTMENT REMARKS- EXTENSIVE FIRE & HEAT DAMAGE FRM FS267 AFT TO FS1792.ACFT UNOCCUPIED.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
4-0011	5/5/74 TIME - 1527	BIRMINGHAM,ALA	BOEING 737 N9044U DAMAGE-MINOR	CR- 0 0 6 PX- 0 0 31	SCHED DOM PASSG SRV	AIRLINE TRANSPORT, AGE UNK/NR, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT  NAME OF AIRPORT - BIRMINGHAM MUNI  OPERATOR - UNITED AIR LINES, INC.  DEPARTURE POINT INTENDED DESTINATION  ATLANTA,GA BIRMINGHAM,ALA  TYPE OF ACCIDENT PHASE OF OPERATION  GROUND-WATER LOOP-SWERVE LANDING ROLL  COLLIDED WITH OBJECT LANDING ROLL</p> <p>PROBABLE CAUSE(S)  PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION  SYSTEMS - HYDRAULIC SYSTEM RESERVOIR,LINES,FITTINGS  MISCELLANEOUS ACTS,CONDITIONS - CHAFED  MISCELLANEOUS ACTS,CONDITIONS - HYDRAULIC FAILURE  MISCELLANEOUS ACTS,CONDITIONS - THRUST REVERSAL-ASYMETRICAL  REMARKS- HYD LINE,BOEING 65-44510-1291. R REVERSER FAILED TO DEPLOY. R MN WHL STRUCK VASI LT.</p>						
4-0012	4/20/74 TIME - 0708	ST.LOUIS,MO	DOUGLAS DC-9 N3302L DAMAGE-MINOR	CR- 0 0 4 PX- 0 0 50	SCHED DOM PASSG SRV	AIRLINE TRANSPORT, AGE 47, 14365 TOTAL HOURS, 3123 IN TYPE, INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT  NAME OF AIRPORT - ST.LOUIS INTL  OPERATOR - SOUTHERN AIRWAYS, INC.  DEPARTURE POINT INTENDED DESTINATION  ST.LOUIS,MO NEW ORLEANS,LA  TYPE OF ACCIDENT PHASE OF OPERATION  ENGINE FAILURE OR MALFUNCTION TAKEOFF RUN</p> <p>PROBABLE CAUSE(S)  POWERPLANT - TURBINE ASSEMBLY SHAFT,TURBINE  MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE  COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE  REMARKS- LOW PRESSURE COMPRESSOR DRIVE SHAFT FRACTURED ABT 12IN FM FWD END.NUMEROUS SHRAPNEL HOLES IN ACFT.</p>						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
4-0013	5/14/74 TIME - 1420	NR.EARLVILLE,ILL	DOUGLAS DC-10 N106AA DAMAGE-MINOR	CR- 0 0 12 PX- 0 0104	SCHED DOM PASSG SRV	AIRLINE TRANSPORT, AGE UNK/NR, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT  OPERATOR - AMERICAN AIRLINES, INC.  DEPARTURE POINT INTENDED DESTINATION  LOS ANGELES, CALIF CHICAGO, ILL  TYPE OF ACCIDENT  LIGHTNING STRIKE PHASE OF OPERATION  AIRFRAME FAILURE IN FLIGHT IN FLIGHT DESCENDING  IN FLIGHT DESCENDING</p> <p>PROBABLE CAUSE(S)  WEATHER - LIGHTNING STRIKE  PERSONNEL - MISCELLANEOUS-PERSONNEL GROUND CREWMAN  AIRFRAME - FUSELAGE DOORS, DOOR FRAMES  MISCELLANEOUS ACTS, CONDITIONS - IMPROPERLY SECURED  FACTOR(S)  WEATHER - THUNDERSTORM ACTIVITY  PERSONNEL - PRODUCTION-DESIGN-PERSONNEL OTHER  MISCELLANEOUS ACTS, CONDITIONS - SEPARATION IN FLIGHT  WEATHER BRIEFING - COMPANY DISPATCH  WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT</p> <p>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  REMARKS- LIGHTNING STRIKE IMPROPERLY SECURED DOOR OPENED, SEPRTD. MFG INITIATED DOOR HANDLE DESIGN REVISION.</p> <p>CEILING AT ACCIDENT SITE  UNKNOWN/NOT REPORTED  PRECIPITATION AT ACCIDENT SITE  RAIN, THUNDERSTORM  TYPE OF WEATHER CONDITIONS  IFR</p>						
4-0014	8/3/74 TIME - 0920	CHICAGO, ILL	BOEING 727 N1643 DAMAGE-NONE	CR- 0 0 6 PX- 0 0 56 OT- 0 0 10	SCHED DOM PASSG SRV	AIRLINE TRANSPORT, AGE UNK/NR, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT  NAME OF AIRPORT - OHARE INTL  OPERATOR - DELTA AIR LINES, INC.  DEPARTURE POINT INTENDED DESTINATION  HOUSTON, TEX CHICAGO, ILL  TYPE OF ACCIDENT  MISCELLANEOUS PHASE OF OPERATION  UNKNOWN/NOT REPORTED</p> <p>PROBABLE CAUSE(S)  MISCELLANEOUS - UNDETERMINED  REMARKS- CORROSIVE CHEM LEAKAGE. EXAM RVLD RUPTURED AREA NR RIM. UN DTRMN IF PRES BUILD-UP OR DMGD CONTAINER.</p>						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
4-0015	7/18/74 TIME - 1808	SYDNEY, AUSTRALIA	BOEING 747 N732PA DAMAGE-MINOR	CR- 0 0 17 PX- 0 0 76	SCHED INTERNATL PASSG SRV	AIRLINE TRANSPORT, AGE UNK/NR, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT  OPERATOR - PAN AMERICAN WORLD AIRWAYS, INC.  DEPARTURE POINT INTENDED DESTINATION  FIJI ISLAND SYDNEY, AUSTRALIA  TYPE OF ACCIDENT PHASE OF OPERATION  AIRFRAME FAILURE IN FLIGHT LANDING INITIAL APPROACH  REMARKS- INCIDENT INVESTIGATION UNDER JURISDICTION OF AUSTRALIAN GOVERNMENT.</p>						
4-0016	7/8/74 TIME - 1900	NR. MEXICO CITY, MEX	LOCKHEED 1011 N324EA DAMAGE-MINOR	CR- 0 0 13 PX- 0 0 60	SCHED DOM PASSG SRV	AIRLINE TRANSPORT, AGE 54, 23695 TOTAL HOURS, 630 IN TYPE, INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT  OPERATOR - EASTERN AIR LINES, INC.  DEPARTURE POINT INTENDED DESTINATION  ACAPULCO, MEX MEXICO CITY, MEX  TYPE OF ACCIDENT PHASE OF OPERATION  HAIL DAMAGE TO AIRCRAFT IN FLIGHT CLIMB TO CRUISE</p> <p>PROBABLE CAUSE(S)  AIRFRAME - FUSELAGE WINDSHIELDS, WINDOWS, CANOPIES  MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE</p> <p>FACTOR(S)  PERSONNEL - PRODUCTION-DESIGN-PERSONNEL POOR/INADEQUATE DESIGN  WEATHER - THUNDERSTORM ACTIVITY  WEATHER - HAIL  MISCELLANEOUS - STATIC DISCHARGE  WEATHER BRIEFING - COMPANY DISPATCH  WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT</p> <p>SKY CONDITION CEILING AT ACCIDENT SITE  BROKEN 11000  VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE  UNKNOWN/NOT REPORTED HAIL, RAIN  OBSTRUCTIONS TO VISION AT ACCIDENT SITE TYPE OF WEATHER CONDITIONS  UNKNOWN/NOT REPORTED IFR  TYPE OF FLIGHT PLAN  IFR  REMARKS- OUTER LAYER OF PLT AND CP WINDSHIELD SHATTERED DUE TO HAIL.</p>						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
4-0017	7/8/74 TIME - 1430	NR.ATLANTA,GA	LOCKHEED 1011 N308EA DAMAGE-MINOR	CR- 0 0 13 PX- 0 0110	SCHED DOM PASSG SRV	AIRLINE TRANSPORT, AGE 55, 25000 TOTAL HOURS, 1100 IN TYPE, INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT  OPERATOR - EASTERN AIR LINES, INC.  DEPARTURE POINT INTENDED DESTINATION  ATLANTA, GA TAMPA, FLA  TYPE OF ACCIDENT PHASE OF OPERATION  HAIL DAMAGE TO AIRCRAFT IN FLIGHT CLIMB TO CRUISE</p> <p>PROBABLE CAUSE(S)  AIRFRAME - FUSELAGE WINDSHIELDS, WINDOWS, CANOPIES  MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE  FACTOR(S)  PERSONNEL - PRODUCTION-DESIGN-PERSONNEL POOR/INADEQUATE DESIGN  WEATHER - THUNDERSTORM ACTIVITY  WEATHER - HAIL  MISCELLANEOUS - STATIC DISCHARGE  WEATHER BRIEFING - COMPANY DISPATCH  WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT</p> <p>SKY CONDITION CEILING AT ACCIDENT SITE  BROKEN UNKNOWN/NOT REPORTED  VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE  UNKNOWN/NOT REPORTED HAIL  OBSTRUCTIONS TO VISION AT ACCIDENT SITE TYPE OF WEATHER CONDITIONS  UNKNOWN/NOT REPORTED IFR  TYPE OF FLIGHT PLAN  IFR  REMARKS- OUTER LAYER CP WINDSHIELD SHATTERED DUE TO HAIL.</p>						
4-0018	3/20/74 TIME - 1153	NR.PHOENIX, ARIZ	BOEING 707 N7571A DAMAGE-NONE	CR- 0 0 7 PX- 0 0106	SCHED DOM PASSG SRV	AIRLINE TRANSPORT, AGE UNK/NR, 16100 TOTAL HOURS, 4500 IN TYPE, INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT  OPERATOR - AMERICAN AIRLINES, INC.  TYPE OF ACCIDENT PHASE OF OPERATION  EVASIVE MANEUVER IN FLIGHT DESCENDING</p> <p>PROBABLE CAUSE(S)  PERSONNEL - TRAFFIC CONTROL PERSONNEL OTHER  MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION  FACTOR(S)  PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT  PERSONNEL - TRAFFIC CONTROL PERSONNEL FAILURE TO ADVISE OF OTHER TRAFFIC  REMARKS- NR COLLISION WITH UNK ACFT. ATC SYSTEM, LACK OF PROC CTL TO SEPARATE KNOWN IFR FM UNK VFR TRAFFIC.</p>						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
4-0019	4/5/74 TIME - 1820	WASHINGTON,DC	BOEING 727 N1648 DAMAGE-NONE	CR- 0 0 7 PX- 0 0119	SCHED DOM PASSG SRV	AIRLINE TRANSPORT, AGE UNK/NR, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT OPERATOR - DELTA AIR LINES, INC. DEPARTURE POINT INTENDED DESTINATION WASHINGTON,DC ATLANTA,GA TYPE OF ACCIDENT PHASE OF OPERATION MISCELLANEOUS IN FLIGHT NORMAL CRUISE  PROBABLE CAUSE(S) PERSONNEL - MISCELLANEOUS-PERSONNEL OTHER MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS MISCELLANEOUS ACTS, CONDITIONS - LEAK/LEAKAGE REMARKS- IMPROPER PACKAGING. GAMMA RADIATION OCRD.						
4-0020	4/6/74 TIME - 0511	ATLANTA,GA	DOUGLAS DC-9 N971NE DAMAGE-NONE	CR- 0 0 5 PX- 0 0 38	SCHED DOM PASSG SRV	AIRLINE TRANSPORT, AGE UNK/NR, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT OPERATOR - DELTA AIR LINES, INC. DEPARTURE POINT INTENDED DESTINATION ATLANTA,GA BATON ROUGE, LA TYPE OF ACCIDENT PHASE OF OPERATION MISCELLANEOUS IN FLIGHT NORMAL CRUISE  PROBABLE CAUSE(S) PERSONNEL - MISCELLANEOUS-PERSONNEL OTHER MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS MISCELLANEOUS ACTS, CONDITIONS - LEAK/LEAKAGE REMARKS- IMPROPER PACKAGING. GAMMA RADIATION OCRD.						
4-0021	10/24/74 TIME - 0245	JAMAICA, NY	BOEING 707 N5774T DAMAGE-NONE	CR- 0 0 3 PX- 0 0 0	SCHED DOM CARGO SRV	AIRLINE TRANSPORT, AGE UNK/NR, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT OPERATOR - TRANS WORLD AIRLINES, INC. DEPARTURE POINT INTENDED DESTINATION KANSAS CITY, MO JAMAICA, NY TYPE OF ACCIDENT PHASE OF OPERATION MISCELLANEOUS IN FLIGHT CLIMB TO CRUISE  PROBABLE CAUSE(S) PERSONNEL - MISCELLANEOUS-PERSONNEL OTHER MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS MISCELLANEOUS ACTS, CONDITIONS - LEAK/LEAKAGE EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT FUMES IN CABIN REMARKS- CARGO INCLUDED IMPROPERLY LABELED AND LOADED STRUCTURAL ADHESIVE PRIMER. TOXIC FUMES IN CABIN.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
4-0022	12/14/74 TIME - 1818	HOUSTON, TEX	BOEING 727 N8152G DAMAGE-MINOR	CR- 0 0 6 PX- 0 0 32	SCHED DOM PASSG SRV	AIRLINE TRANSPORT, AGE 45, 14000 TOTAL HOURS, 150 IN TYPE, INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT .</p> <p>NAME OF AIRPORT - INTERCONTINENTAL</p> <p>OPERATOR - EASTERN AIR LINES, INC.</p> <p>DEPARTURE POINT                      INTENDED DESTINATION</p> <p>                 PHILADELPHIA, PA                      HOUSTON, TEX</p> <p>TYPE OF ACCIDENT                      PHASE OF OPERATION</p> <p>                 COLLIDED WITH TREES                      LANDING FINAL APPROACH</p> <p>PROBABLE CAUSE(S)</p> <p>         PILOT IN COMMAND - IMPROPER IFR OPERATION</p> <p>         PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND</p> <p>         PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT</p> <p>FACTOR(S)</p> <p>         PERSONNEL - FLIGHT ENGINEER OTHER</p> <p>         MISCELLANEOUS ACTS, CONDITIONS - DISREGARD OF GOOD OPERATING PRACTICE</p> <p>         SYSTEMS - OTHER SYSTEMS OTHER</p> <p>         WEATHER - RAIN</p> <p>         WEATHER - THUNDERSTORM ACTIVITY</p> <p>         TERRAIN - HIGH OBSTRUCTIONS</p> <p>WEATHER BRIEFING - COMPANY DISPATCH</p> <p>WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT</p> <p>SKY CONDITION                      CEILING AT ACCIDENT SITE</p> <p>         OVERCAST                      2100</p> <p>VISIBILITY AT ACCIDENT SITE                      PRECIPITATION AT ACCIDENT SITE</p> <p>         2 MILES OR LESS                      RAIN SHOWERS, THUNDERSTORM</p> <p>OBSTRUCTIONS TO VISION AT ACCIDENT SITE                      TEMPERATURE-F</p> <p>         FOG                      69</p> <p>WIND DIRECTION-DEGREES                      WIND VELOCITY-KNOTS</p> <p>         300                      11</p> <p>TYPE OF WEATHER CONDITIONS                      TYPE OF FLIGHT PLAN</p> <p>         IFR                      IFR</p> <p>REMARKS- PLT WIPER, ACFT RAIN REPELLANT SYS INOP. CP MADE APCH, FE MONITORED. HIT TREES 5000FT FROM RWY.</p>						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
4-0023	3/23/74 TIME - 1908	TRAVIS AFB,CALIF	DOUGLAS DC-8 N6164A DAMAGE-DESTROYED	CR- 0 0 0 PX- 0 0 0 OT- 1 0 4	MIL CONTRACT PASSG INTL	
CLASSIFIED AS INCIDENT NAME OF AIRPORT - TRAVIS AFB OPERATOR - AIRLIFT INTERNATIONAL,INC. DEPARTURE POINT INTENDED DESTINATION TRAVIS AFB,CALIF UNKNOWN/NOT REPORTED TYPE OF ACCIDENT PHASE OF OPERATION FIRE OR EXPLOSION ON GROUND STATIC PARKED-ENGINES NOT OPERATING  PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE,SERVICING,INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL) POWERPLANT - FUEL SYSTEM OTHER MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY INSTALLED FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - FIRE IN WING FIRE AFTER IMPACT REMARKS- SCHEDULE 'A' MAINTENANCE.EXPLOSION OF FUEL FUMES IN NR 1 TANK AREA DUE UNDET ELEC SOURCE.						
4-0024	12/19/74 TIME - 2050	MINNEAPOLIS,MINN	DOUGLAS DC-9 N8910E DAMAGE-MINOR	CR- 0 0 5 PX- 0 0 58	SCHED DOM PASSG SRV	AIRLINE TRANSPORT, AGE 50, 10000 TOTAL HOURS, 2500 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - ST PAUL INTL OPERATOR - EASTERN AIR LINES,INC. DEPARTURE POINT INTENDED DESTINATION MONTGOMERY,ALA MINNEAPOLIS,MINN TYPE OF ACCIDENT LAST ENROUTE STOP WHEELS-UP ATLANTA GA PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN  PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION AIRFRAME - LANDING GEAR NORMAL RETRACTION/EXTENSION ASSEMBLY AIRFRAME - LANDING GEAR EMERGENCY/EXTENSION ASSEMBLY MISCELLANEOUS ACTS,CONDITIONS - FROZEN, MOISTURE FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - LANDED ON FOAMED RUNWAY REMARKS- ACCUMULATION OF WATER IN PRESSURE CAN.FROZEN,UN EXTND NOSE GR.MFG SVC BULLETIN 53-91 PERTAINS.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
4-0025	11/17/74 TIME - 2355	NR.HONOLULU,HAWAII	BOEING 747 N731 DAMAGE-MINOR	CR- 0 0 17 PX- 0 0155	SCHED INTERNATL PASSG SRV	AIRLINE TRANSPORT, AGE 59, 22000 TOTAL HOURS, 3000 IN TYPE, INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT  OPERATOR - PAN AMERICAN WORLD AIRWAYS, INC.  DEPARTURE POINT INTENDED DESTINATION  HONOLULU, HAWAII TOKYO, JAPAN  TYPE OF ACCIDENT PHASE OF OPERATION  FIRE OR EXPLOSION IN FLIGHT IN FLIGHT CLIMB TO CRUISE  ENGINE FAILURE OR MALFUNCTION IN FLIGHT CLIMB TO CRUISE</p> <p>PROBABLE CAUSE(S)  POWERPLANT - COMPRESSOR ASSEMBLY SEALS, AIR-OIL  MISCELLANEOUS ACTS, CONDITIONS - EXCESSIVE-WEAR/PLAY  MISCELLANEOUS ACTS, CONDITIONS - IMPROPER CLEARANCE-TOLERANCE</p> <p>FACTOR(S)  MISCELLANEOUS ACTS, CONDITIONS - FIRE IN ENGINE  COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE  EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND  REMARKS- FIRE IN NR 3 BEARING CAVITY, PENETRATED TO ACCESS DRIVE GR BOX.5 ESCAPE SLIDES MALFUNCTIONED.</p>						
4-0026	12/15/74 TIME - 1200	NR.LAS VEGAS, NEV	DOUGLAS DC-8 N8015U DAMAGE-NONE	CR- 0 0 3 PX- 0 0 0	SCHED DOM PASSG SRV	AIRLINE TRANSPORT, AGE UNK/NR, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT  OPERATOR - UNITED AIR LINES, INC.  DEPARTURE POINT INTENDED DESTINATION  NEW YORK, NY LAS VEGAS, NEV  TYPE OF ACCIDENT PHASE OF OPERATION  MISCELLANEOUS IN FLIGHT NORMAL CRUISE</p> <p>PROBABLE CAUSE(S)  MISCELLANEOUS - UNDETERMINED  REMARKS- ENCOUNTERED ERRATIC AIRSPEED &amp; MACH INDICATIONS &amp; BUFFETING ON CLIMB AND DESCENT.</p>						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
4-0027	10/3/74 TIME - 1910	NR.BROWNSVILLE,TEX	DOUGLAS DC-10 N120AA DAMAGE-NONE	CR- 0 0 12 PX- 0 0 53	SCHED INTERNATL PASSG SRV	AIRLINE TRANSPORT, AGE 55, 21000 TOTAL HOURS, 1400 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT OPERATOR - AMERICAN AIRLINES, INC. DEPARTURE POINT INTENDED DESTINATION DALLAS, TEX ACAPULCO, MEX TYPE OF ACCIDENT MISCELLANEOUS LAST ENROUTE STOP MEXICO CITY, MEX PHASE OF OPERATION IN FLIGHT DESCENDING PROBABLE CAUSE(S) PERSONNEL - FLIGHT ENGINEER OTHER MISCELLANEOUS ACTS, CONDITIONS - IMPROPER EMERGENCY PROCEDURES PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT FACTOR(S) SYSTEMS - AIR CONDITION, HEATING AND PRESSURIZATION OTHER SYSTEMS - OXYGEN SYSTEM PASSENGER SYSTEM REMARKS- #3 PNEUMATIC SYS INOP. UN TO MNTN CABIN ALT. BYPASSED RAPID-DECOMP CK LIST. CABIN ALT INC TO 25000FT.						
4-0028	11/5/74 TIME - 1324	BUSTON, MASS	DOUGLAS DC-9 N960VJ DAMAGE-MINOR	CR- 0 0 4 PX- 0 0 35	SCHED DOM PASSG SRV	AIRLINE TRANSPORT, AGE 52, 23436 TOTAL HOURS, 4015 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - BOSTON LOGAN OPERATOR - ALLEGHENY AIRLINES, INC. DEPARTURE POINT INTENDED DESTINATION WILKES BARRE, PA BOSTON, MASS TYPE OF ACCIDENT FIRE OR EXPLOSION IN FLIGHT MISCELLANEOUS PHASE OF OPERATION IN FLIGHT DESCENDING LANDING OTHER PROBABLE CAUSE(S) SYSTEMS - ELECTRICAL SYSTEM RELAYS AND WIRING MISCELLANEOUS ACTS, CONDITIONS - OVERHEATED MISCELLANEOUS ACTS, CONDITIONS - FIRE IN CABIN, COCKPIT, BAGGAGE COMPARTMENT PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL FAILURE TO PROVIDE ADEQ. DIRECTIVES, MANUAL, EQUIPMENT FACTOR(S) SYSTEMS - AIR CONDITION, HEATING AND PRESSURIZATION PRESSURIZATION CONTROL AND INDICATING SYSTEM PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT REMARKS- CROSS TIE RELAY OVRHTD-ELECT FIRE. MAN MODE PRESS SELECTED PER CK LIST. PRESS CABIN DELAYED EVAC.						



U. S. GENERAL AVIATION BRIEFS



NATIONAL TRANSPORTATION SAFETY BOARD

WASHINGTON, D. C. 20594

BRIEFS OF ACCIDENTS

U.S. GENERAL AVIATION

SUPPLEMENTAL ISSUE

1974

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4301	12/31/74 TIME - 0100	ORMOND BEACH,FLA	CESSNA 172 N23389 DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 49, 293 TOTAL HOURS, 12 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - ORMOND BEACH MUNI	INTENDED DESTINATION			
		DEPARTURE POINT	MYRTLE BEACH,SC			
		TYPE OF ACCIDENT	WEST PALM BEACH,FLA			
		COLLIDED WITH TREES	PHASE OF OPERATION			
			LANDING GO-AROUND			
PROBABLE CAUSE(S)						
PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING						
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS						
FACTOR(S)						
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING						
TERRAIN - HIGH OBSTRUCTIONS						
WEATHER - FOG						
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, IN PERSON						
EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT						
LOW ON FUEL						
ADVERSE/UNFAVORABLE WEATHER						
SKY CONDITION				CEILING AT ACCIDENT SITE		
PARTIAL 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		
GROUND FOG				61		
WIND VELOCITY-KNOTS				TYPE OF WEATHER CONDITIONS		
CALM				BELOW MINIMUMS		
TYPE OF FLIGHT PLAN						
NONE						
REMARKS- DSCNDD TO TOP OF FOG LAYER SAW SOME TREES INITIATED GO-AROUND.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4302	12/9/74 TIME - 1600	FT LAUDERDALE,FLA	CESSNA 182L N3494R DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 26, 825 TOTAL HOURS, 10 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - FT LAUDERDLE INTL DEPARTURE POINT INTENDED DESTINATION UNKNOWN/NOT REPORTED FT LAUDERDALE,FLA TYPE OF ACCIDENT PHASE OF OPERATION HARD LANDING LANDING LEVEL OFF/TOUCHDOWN  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER LEVEL OFF PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING REMARKS- LNDD ON MAIN WHEELS ACFT BOUNCED DOWN ON NOSEWHEEL.						
3-4303	12/22/74 TIME - 1130	FLORIDA CITY,FLA	BOEING B75N1 N9826H DAMAGE-SUBSTANTIAL	CR- 1 0 0 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 41, 578 TOTAL HOURS, 210 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION FLORIDA CITY,FLA LOCAL TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT PROCEDURE TURNAROUND STALL IN FLIGHT PROCEDURE TURNAROUND  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 OBTAIN/MAINTAIN FLYING SPEED FACTOR(S) PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION SYSTEMS - ELECTRICAL SYSTEM BATTERIES MISCELLANEOUS ACTS,CONDITIONS - CORRODED/CORROSION COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND  SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 210 KIND OF CROP - TOMATOES PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - USED COCKPIT CRASHPAD - INSTALLED TANK/HOPPER-LOCATION - FORWARD OF PILOT ELEVATION-AREA BEING TREATED- FEET - 10 PROCEDURE TURNAROUND - SECOND 1/3 OF TURN REMARKS- AREA SURROUNDING BATTERY PSN HVLY CORRODED.R SEAT ATTACHMENT SEPARATED FM FUSELAGE.						
KIND OF OPERATION - SPRAYING CROPS TYPE OF CHEMICAL USED - UNKNOWN/NOT REPORTED GLOVES - USED CRASH HELMET - NOT AVAILABLE CRASH BAR - NOT INSTALLED TERRAIN-TYPE - LEVEL,FLAT SWATH RUN-HOW FLOWN - CROSSWIND						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4304	1/26/74 TIME - 1900	ROMULUS, MICH	BEECH B55 N1164A DAMAGE-DESTROYED	CR- 2 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 63, 5436 TOTAL HOURS, 24 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - DETROIT WAYNE				
		DEPARTURE POINT				
		RICHMOND, VA				
		TYPE OF ACCIDENT				
		COLLIDED WITH TREES				
		INTENDED DESTINATION				
		ROMULUS, MICH				
		PHASE OF OPERATION				
		LANDING FINAL APPROACH				
		PROBABLE CAUSE(S)				
		MISCELLANEOUS - UNDETERMINED				
		FIRE AFTER IMPACT				
		REMARKS- GENERAL DISINTEGRATION SEVERE POST-IMPACT FIRE. STRUCK TREES 12145 FT BFR RWY THRESHOLD.				
3-4305	8/7/74 TIME - 0900	NR. SHELLEY, ID	BOEING A75 N62906 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 40, 8212 TOTAL HOURS, 490 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT				
		SHELLEY, ID				
		TYPE OF ACCIDENT				
		COLLIDED WITH WIRES/POLES				
		INTENDED DESTINATION				
		LOCAL				
		PHASE OF OPERATION				
		IN FLIGHT PULLUP FROM SWATH RUN				
		PROBABLE CAUSE(S)				
		PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS				
		FACTOR(S)				
		TERRAIN - HIGH OBSTRUCTIONS				
		SPECIAL DATA				
		TOTAL HOURS IN CROP CONTROL - 500				
		KIND OF CROP - POTATOES				
		PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED				
		GOGGLES - USED				
		COCKPIT CRASHPAD - NOT INSTALLED				
		TANK/HOPPER-LOCATION - FORWARD OF PILOT				
		ELEVATION-AREA BEING TREATED- FEET - 5500				
		PROCEDURE TURNAROUND - ENTRY TO PROCEDURE TURN				
		REMARKS- HIT POWERLINE.				
		KIND OF OPERATION - SPRAYING CROPS				
		TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC				
		GLOVES - NOT USED				
		CRASH HELMET - AVAILABLE-USED				
		CRASH BAR - NOT INSTALLED				
		TERRAIN-TYPE - ROLLING				
		SWATH RUN-HOW FLOWN - WIND CALM				
3-4306	9/14/74 TIME - 1200	BURLEY, ID	MAULE M-4 N4749T DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL TRAINING	STUDENT, AGE 47, 59 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - BURLEY MUNI				
		DEPARTURE POINT				
		HAILEY, ID				
		TYPE OF ACCIDENT				
		GROUND-WATER LOOP-SWERVE				
		GEAR COLLAPSED				
		INTENDED DESTINATION				
		RETURN				
		LAST ENROUTE STOP				
		BURLEY, ID				
		PHASE OF OPERATION				
		LANDING ROLL				
		LANDING ROLL				
		PROBABLE CAUSE(S)				
		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
3-4307	9/4/74 TIME - 1830	NR.CARLYLE,MONT	CHAMPION 7GCAA N8319V DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 55, 5050 TOTAL HOURS, 60 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT GOLVA,N DAK		INTENDED DESTINATION LOCAL		PHASE OF OPERATION TAKEDOFF ABORTED	
	TYPE OF ACCIDENT NOSE OVER/DOWN					
	PROBABLE CAUSE(S) PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN					
	FACTOR(S) TERRAIN - WET,SOFT GROUND					
3-4308	9/2/74 TIME - 1815	NR.KALISPELL,MONT	TAYLORCRAFT BC12-D N44286 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 21, 246 TOTAL HOURS, 80 IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIRPORT - GLACIER PARK INTL					
	DEPARTURE POINT KALISPELL,MONT		INTENDED DESTINATION LOCAL		PHASE OF OPERATION TAXI OTHER	
	TYPE OF ACCIDENT COLLIDED WITH BUILDING(S)					
	PROBABLE CAUSE(S) PILOT IN COMMAND - STARTED ENGINE WITHOUT PROPER ASSISTANCE/EQUIPMENT					
	REMARKS- HAND PROPPED FRM BEHIND,THROTTLE FULL OPEN.HIT HANGAR.					
3-4309	12/25/74 TIME - 2000	TULSA,OKLA	PIPER PA-24 N5008P DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 49, 1700 TOTAL HOURS, 80 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - RIVERSIDE					
	DEPARTURE POINT FT WORTH,TEX		INTENDED DESTINATION TULSA,OKLA		PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN	
	TYPE OF ACCIDENT WHEELS-UP					
	PROBABLE CAUSE(S) PILOT IN COMMAND - ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT					
	PILOT IN COMMAND - FAILED TO ASSURE THE GEAR WAS DOWN AND LOCKED					
	AIRFRAME - LANDING GEAR NORMAL RETRACTION/EXTENSION ASSEMBLY					
	AIRFRAME - LANDING GEAR EMERGENCY/EXTENSION ASSEMBLY					
	FACTOR(S) SYSTEMS - ELECTRICAL SYSTEM REGULATOR					
	MISCELLANEOUS ACTS,CONDITIONS - CORRODED/CORROSION					
	MISCELLANEOUS ACTS,CONDITIONS - ELECTRICAL FAILURE					
	EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT					
	SUSPECTED MECHANICAL DISCREPANCY					
	REMARK - 1 UN LOWER GR NORMAL OR EMERG SYS.VOLTAGE REG INOP,CTC PTS PITTED.LND BESIDE RWY.					

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4310	9/22/74	NR. WILBUR, OREG	BOEING A75N1 N4825V DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL. INSTR., AGE 41, 5123 TOTAL HOURS, 552 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT WILBUR, OREG	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH TREES	PHASE OF OPERATION IN FLIGHT STARTING SWATH RUN LANDING OTHER			
PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS TERRAIN - HIGH OBSTRUCTIONS						
FACTOR(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION INADEQUATE MAINTENANCE AND INSPECTION PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
SPECIAL DATA TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED KIND OF CROP - PASTURE PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED GOGGLES - USED CRASH BAR - INSTALLED TERRAIN-TYPE - HILLY SWATH RUN-HOW FLOWN - UNKNOWN/NOT REPORTED FIRE AFTER IMPACT REMARKS- NO RECORD OF APPROVAL OF ACFT RET TO SRVC AFTR ENG REMOVAL & INSTALL BY NON-CERT MECH.						
3-4311	9/22/74	OAK HARBOR, WASH	FAIRCHILD 24 N81204 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 56, 605 TOTAL HOURS, 356 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - OAK HARBOR	INTENDED DESTINATION OAK HARBOR, WASH			
		DEPARTURE POINT AUBURN, WASH				
		TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE GEAR COLLAPSED	PHASE OF OPERATION LANDING ROLL LANDING ROLL			
PROBABLE CAUSE(S) 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
3-4312	12/1/74 TIME - 1431	HAYWARD,CALIF	BEECH H35 N5419D DAMAGE-DESTROYED	CR- 1 0 0 PX- 2 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 24, 562 TOTAL HOURS, 395 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - HAYWARD AIR TERM DEPARTURE POINT INTENDED DESTINATION SAN CARLOS,CALIF STOCKTON,CALIF TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION STALL  PROBABLE CAUSE(S) POWERPLANT - ENGINE STRUCTURE CRANKSHAFT MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED FACTOR(S) PERSONNEL - MAINTENANCE,SERVICING,INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL) POWERPLANT - MISCELLANEOUS OTHER POWERPLANT - PROPELLER AND ACCESSORIES OTHER MISCELLANEOUS ACTS,CONDITIONS - WRONG PART PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- FATIGUE.CONT IO-470-C ENG,84IN PROP INSTALLED.						
3-4313	12/17/74 TIME - 1915	ANCHORAGE,ALAS	CESSNA 150 N10690 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	INSTRUCTIONAL DUAL	ATR,FLIGHT INSTR., AGE 29, 3540 TOTAL HOURS, 1625 IN TYPE, NOT INSTRU- MENT RATED.
NAME OF AIRPORT - MERRILL FIELD DEPARTURE POINT INTENDED DESTINATION ANCHORAGE,ALAS LOCAL TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH FENCE,FENCEPOSTS  PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS TERRAIN - OTHER COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- PLT LANDED ON BUSY STREET AND STRUCK SNOW FENCE.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4314	7/18/74	NR.WAPATO,WASH	BELL 47G-2 N7891B DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 34, 1500 TOTAL HOURS, 1200 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT WAPATO,WASH	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING	PHASE OF OPERATION IN FLIGHT PROCEDURE TURNAROUND LANDING POWER-OFF AUTOROTATIVE LANDING			
PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 1500 KIND OF CROP - CORN PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - UNKNOWN/NOT REPORTED ELEVATION-AREA BEING TREATED- FEET - 1082 PROCEDURE TURNAROUND - SECOND 1/3 OF TURN REMARKS- NO ENG MALFUNCTION FOUND.						
3-4315	12/12/74	PALMA SOLA,FLA	BEECH C-45H N3719G DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 46, 550 TOTAL HOURS, 3 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - PALMA SOLA DEPARTURE POINT PALMA SOLA,FLA	INTENDED DESTINATION SARASOTA,FLA			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH FENCE,FENCEPOSTS	PHASE OF OPERATION TAKEOFF INITIAL CLIMB LANDING ROLL			
PROBABLE CAUSE(S) PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL PILOT IN COMMAND - MISJUDGED DISTANCE,SPEED,ALTITUDE OR CLEARANCE PILOT IN COMMAND - SPONTANEOUS-IMPROPER ACTION POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS FACTOR(S) PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- TAXIING ON RWY.UNABLE TO STOP,ATMTD TKOF,NOT MULTI-ENGINE RATED.ALL TIME IN TYPE AS COPILOT.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4316	12/22/74	NR.CHESTER,CALIF	CESSNA 414 N414ZM DAMAGE-DESTROYED	CR- 1 0 0 PX- 7 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 48, 2773 TOTAL HOURS, 385 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT EUREKA,CALIF	INTENDED DESTINATION WINNEMUCCA,NEV	PHASE OF OPERATION IN FLIGHT UNCONTROLLED DESCENT		
		TYPE OF ACCIDENT AIRFRAME FAILURE IN FLIGHT				
PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - SPATIAL DISORIENTATION PILOT IN COMMAND - EXCEEDED DESIGNED STRESS LIMITS OF AIRCRAFT MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE						
FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT WEATHER - OTHER WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALY CORRECT						
		SKY CONDITION OVERCAST	CEILING AT ACCIDENT SITE 1500			
		VISIBILITY AT ACCIDENT SITE 5 OR OVER	PRECIPITATION AT ACCIDENT SITE NONE			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE	WIND DIRECTION-DEGREES 315			
		WIND VELOCITY-KNOTS 30	TYPE OF WEATHER CONDITIONS IFR			
		TYPE OF FLIGHT PLAN VFR				
REMARKS- EMPENNAGE SEPARATED. ENTERED OCST ABT 19000FT.						
3-4317	10/23/74	JACKSON,MICH	BEECH 99 N140J DAMAGE-SUBSTANTIAL	CR- 0 2 0 PX- 0 0 15	COMMERCIAL AIR TAXI-PASSG S-D	AIRLINE TRANSPORT, AGE 29, 3500 TOTAL HOURS, 2500 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT DETROIT,MICH	INTENDED DESTINATION RETURN	LAST ENROUTE STOP CHICAGO,ILL		
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION		PHASE OF OPERATION IN FLIGHT NORMAL CRUISE		
PROBABLE CAUSE(S) POWERPLANT - REDUCTION GEAR ASSEMBLY BEARING,REDUCTION GEAR POWERPLANT - TURBINE ASSEMBLY BLADE,TURBINE WHEEL MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP.T.						
REMARKS- 1ST STAGE REDUCTION PLANET GR FAILED CAUSING PWR TURBINE DISC DECOUPLE.FRAGMENTS INJURED BOTH PLTS						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4318	12/27/74	NR.LANCASTER,OHIO	NA ROCKWELL 265-60 N920G DAMAGE-DESTROYED	CR- 3 0 0 PX- 0 0 0	NONCOMMERCIAL CORP/EXEC	ATR,FLIGHT INSTR., AGE 45, 15105 TOTAL HOURS, 367 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - FAIRFIELD COUNTY DEPARTURE POINT INTENDED DESTINATION DENVER,COLO LANCASTER,OHIO TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH TREES LANDING OTHER  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IFR OPERATION MISCELLANEOUS ACTS,CONDITIONS - DISREGARD OF GOOD OPERATING PRACTICE FACTOR(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING TERRAIN - HIGH OBSTRUCTIONS FIRE AFTER IMPACT REMARKS- NON-STANDARD APCH IN NIGHT-INSTRUMENT CONDITIONS.FLEW INTO MOUNTAIN.						
3-4319	8/24/74	DAYTONA BCH SH,FL	BELL 47G2A N7889B DAMAGE-DESTROYED	CR- 1 0 0 PX- 2 0 0	COMMERCIAL OTHER	ATR,FLIGHT INSTR., AGE 27, 3535 TOTAL HOURS, 94 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION DAYTONA BCH SH,FL LOCAL TYPE OF ACCIDENT PHASE OF OPERATION AIRFRAME FAILURE IN FLIGHT IN FLIGHT OTHER COLLISION WITH GROUND/WATER UNCONTROLLED IN FLIGHT UNCONTROLLED DESCENT  PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE,SERVICING,INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL) ROTORCRAFT - ROTOR ASSEMBLIES MAIN ROTOR BLADES MISCELLANEOUS ACTS,CONDITIONS - WRONG PART MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER REMARKS- WOODEN M/R BLADES NOT AUTH FOR BELL 47G2A.M/R HIT TAIL BOOM & SEPRTD IN TURN OVR OCEAN.SITE SEEING						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4320	8/21/74 TIME - 0830	TOUGHKENOMAN, PA	BEECH 35 N2956V DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 41, 542 TOTAL HOURS, 452 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - NEW GARDEN FIELD DEPARTURE POINT INTENDED DESTINATION TOUGHKENOMAN, PA CHARLESTOWN, W VA TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION WHEELS-UP PHASE OF OPERATION TAKEOFF INITIAL CLIMB LANDING LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS MISCELLANEOUS ACTS, CONDITIONS - INTENTIONAL WHEELS-UP PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP.T. REMARKS- ABRTD TAKEOFF, UNABLE EXTND LDG GR PRIOR LDG. ENGINE CHECKED OK.						
3-4321	6/4/74 TIME - 2120	FRIENDSHIP, WIS	PIPER PA-32 N4191R DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	AIRLINE TRANSPORT, AGE 31, 3380 TOTAL HOURS, 600 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - ADAMS CO DEPARTURE POINT INTENDED DESTINATION FRIENDSHIP, WIS MARSHFIELD, WIS TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH FENCE, FENCEPOSTS PHASE OF OPERATION TAKEOFF INITIAL CLIMB LANDING ROLL PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION INADEQUATE MAINTENANCE AND INSPECTION POWERPLANT - LUBRICATING SYSTEM FILTERS, SCREEN MISCELLANEOUS ACTS, CONDITIONS - OVER TORQUED MISCELLANEOUS ACTS, CONDITIONS - FATIGUE FRACTURE MISCELLANEOUS ACTS, CONDITIONS - SEPARATION IN FLIGHT 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- FORCED LANDING FARM FLD. OIL FILTER CENTER STUD P/N 5579427 FAILED. HIT FENCE AND TREE STUMP.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4322	11/1/74 TIME - 1013	TOPEKA,KANS	HUGHES 269C N9648F DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	MISCELLANEOUS POLICE PATROL	COMMERCIAL, AGE 39, 2300 TOTAL HOURS, 1807 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT TOPEKA,KANS	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT COLLIDED WITH AUTOMOBILE	PHASE OF OPERATION LANDING POWER-OFF AUTOROTATIVE LANDING			
PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED						
FACTOR(S) MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION						
PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.						
FIRE AFTER IMPACT						
REMARKS- AUTOROTATIVE DESCENT TO PARKING LOT.HIGH FLARE,SETTLED WITH LOW RPM.REASON FOR LDG NOT DETERMINED.						
6-0001	1/26/74 TIME - 1600	LAPESCA,MEX	BEECH S35 N583BK DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 42, 500 TOTAL HOURS, 100 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - LAPESCA DEPARTURE POINT MATAMOROS,MEXICO	INTENDED DESTINATION LAPESCA,MEX			
		TYPE OF ACCIDENT HARD LANDING	PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN			
REMARKS- INVESTIGATN UNDR JURISDICTN OF GOVT OF MEXICO						
6-0002	1/27/74 TIME - 1010	NR.JACO,COSTA RICA	PIPER PA-28 N8993W DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 53, 4000 TOTAL HOURS, 650 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT JACO,COSTA RICA	INTENDED DESTINATION QUEPOS,COSTA RICO			
		TYPE OF ACCIDENT NOSE OVER/DOWN	PHASE OF OPERATION TAKEOFF RUN			
REMARKS- INVESTIGATN UNDR JURISDICTN OF GOVT OF COSTA RICA. ATTEMPTD TKOF FROM BEACH.						
6-0003	2/9/74 TIME - 1310	GUERRERO,MEX	BREEZY TCD 11BR N11WT DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	ATR,FLIGHT INSTR., AGE 27, 3852 TOTAL HOURS, 7 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT GUERRERO,MEX	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT STALL	PHASE OF OPERATION IN FLIGHT OTHER			
REMARKS- INVESTIGATION UNDER JURISDICTION OF GOVT OF MEXICO						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
6-0004	2/28/74 TIME - 1500	PADILLA,MEX	BEECH V35A N827W DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 63, 850 TOTAL HOURS, 650 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT REYNOSA,MEX	INTENDED DESTINATION PADILLA,MEX			PHASE OF OPERATION LANDING ROLL	
	TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE				LANDING ROLL	
	COLLIDED WITH TREES					
	REMARKS- INVESTIGATION UNDER JURISDICTION OF GOVERNMENT OF MEXICO					
6-0005	2/6/74 TIME - 1240	NR.P.OBAULDIA,PANAMA	CESSNA 172 N28770 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 24, 159 TOTAL HOURS, 155 IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIRPORT - PUERTO OBAULDIA				PHASE OF OPERATION LANDING ROLL	
	DEPARTURE POINT OLD FRANCE,PANAMA	INTENDED DESTINATION P.OBAULDIA,PANAMA				
	TYPE OF ACCIDENT GEAR COLLAPSED					
	REMARKS- INVESTIGATION UNDER JURISIDITION OF GOVT OF PANAMA.					
6-0006	1/18/74 TIME - 1430	NR.BUENA VISTA,MEX	CESSNA 310 N10590 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 50, 1259 TOTAL HOURS, 1209 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - RANCHO BUENA VIST				PHASE OF OPERATION LANDING ROLL	
	DEPARTURE POINT HERMASILLO,MEX	INTENDED DESTINATION BUENA VISTA,MEX			LANDING ROLL	
	TYPE OF ACCIDENT COLLIDED WITH AIRPORT HAZARD					
	GEAR COLLAPSED					
	REMARKS- FURROW EXTENDED SIX FT INTO RWY. INVEST UNDER JURISDICTION OF GOVT OF MEXICO.					
6-0007	3/14/74 TIME - 0820	NR.CIUDAD JUAREZ,MEX	PIPER PA-34 N55334 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	AIRLINE TRANSPORT, AGE 41, 11705 TOTAL HOURS, 13 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT DEMING,N MEX	INTENDED DESTINATION CHIHUAHUA,MEX			PHASE OF OPERATION IN FLIGHT NORMAL CRUISE	
	TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION				LANDING ROLL	
	GEAR COLLAPSED					
	PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE					
	EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND					
	REMARKS- LND ON DRY LAKE BED.INVEST UNDER JURISDICTION OF GOVT OF MEXICO.					

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
6-0008	3/9/74 TIME - 1330	NR.MAZATLAN,MEX	CESSNA 150 N1269Y DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 18, 753 TOTAL HOURS, 630 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION MOSALON,MEX LOS MOCHIS,MEX TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT NORMAL CRUISE NOSE OVER/DOWN LANDING ROLL COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- LND ON BEACH. INVEST UNDER JURISDICTION OF GOVT OF MEXICO.						
6-0009	1/18/74 TIME - 1630	NR.VERA CRUZ,MEX	CESSNA 140 N9607A DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 51, 500 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION VERA CRUZ,MEX TAMPICO,MEX TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT NORMAL CRUISE NOSE OVER/DOWN LANDING ROLL COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- INVESTIGATION UNDER JURISDICTION OF GOVERNMENT OF MEXICO						
6-0010	2/23/74 TIME - 0830	NOGALES,SNRA,MEX	CESSNA 177 N3130T DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 2 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 30, 385 TOTAL HOURS, 58 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - NOGALES DEPARTURE POINT INTENDED DESTINATION TUCSON,ARIZ NOGALES,SNRA,MEX TYPE OF ACCIDENT PHASE OF OPERATION STALL LANDING GO-AROUND REMARKS- ATMT TO LND ON DNHILL RWY.NO INST FROM TWR.INVESTIGATION UNDER JURISDICTION MEXICAN GOVT.						
6-0011	4/8/74 TIME - 1245	MEXICALI,MEX	PIPER PA-28R N2810T DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 41, 404 TOTAL HOURS, 45 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - MEXICALI DEPARTURE POINT INTENDED DESTINATION MULEGE,MEX MEXICALI,MEX TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT NORMAL CRUISE COLLISION WITH GROUND/WATER CONTROLLED LANDING LEVEL OFF/TOUCHDOWN COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- INVESTIGATION UNDER JURISDICTION OF GOVT OF MEXICO.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
6-0012	4/25/74 TIME - 1000	ZIHUATANEJO, MEX	CESSNA 182J N3302F DAMAGE-DESTROYED	CR- 2 0 0 PX- 0 0 0	MISCELLANEOUS AIR SHOW/RACING	AIRLINE TRANSPORT, AGE 52, 9000 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT UNKNOWN/NOT REPORTED	INTENDED DESTINATION UNKNOWN/NOT REPORTED	PHASE OF OPERATION UNKNOWN/NOT REPORTED		
		TYPE OF ACCIDENT UNDETERMINED				
		FIRE AFTER IMPACT				
		REMARKS- INVESTIGATION UNDER JURISDICTION OF GOVT OF MEXICO				
6-0013	2/4/74 TIME - 1400	NR. SAN JUAN, MEX	PIPER PA-28 N15153 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 50, 4000 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT MCALLEN, TEX	INTENDED DESTINATION SAN JUAN, MEX	PHASE OF OPERATION LANDING ROLL		
		TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE				
		COLLIDED WITH FENCE, FENCEPOSTS				
		REMARKS- INVESTIGATION UNDER JURISDICTION OF GOVT OF MEXICO				
6-0014	6/2/74 TIME - 1045	BAHIA DE L.A., MEX	BEECH E33A N3735Q DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 45, 235 TOTAL HOURS, 22 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - BAHIA D LOS ANGEL	INTENDED DESTINATION MEXICALI, MEX	LAST ENROUTE STOP BAHIA DE L.A., MEX		
		DEPARTURE POINT SERINIDAD, MEX		PHASE OF OPERATION TAKEOFF RUN		
		TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE				
		COLLIDED WITH DITCHES				
		REMARKS- INVEST UNDER JURISDICTION OF GOVT OF MEXICO.				
6-0015	5/24/74 TIME - 2045	SAN CARLOS, MEX	CESSNA 150 N7131C DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 20, 67 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT DEL RIO, TEX	INTENDED DESTINATION EAGLE PASS, TEX	PHASE OF OPERATION TAKEOFF INITIAL CLIMB		
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION				
		COLLIDED WITH TREES				
		PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE				
		EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND				
		REMARKS- INVESTIGATION UNDER JURISDICTION OF GOVT OF MEXICO				

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
6-0016	4/28/74 TIME - 1039	S.PHOU KOUN, LAOS	DEHAVILLAND DHC-6 N389EX DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 2 6	COMMERCIAL CTR PASSG-I	COMMERCIAL, AGE 43, 14200 TOTAL HOURS, 290 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - SALA PHOU KOUN DEPARTURE POINT INTENDED DESTINATION LONG TIENG, LAOS S.PHOU KOUN, LAOS TYPE OF ACCIDENT PHASE OF OPERATION OVERSHOOT LANDING LEVEL OFF/TOUCHDOWN NOSE OVER/DOWN LANDING ROLL REMARKS- UN STOP ON SHORT STRIP. INVEST UNDER JURISDICTION OF GOVT OF LAOS.						
6-0017	5/18/74 TIME - 0930	NR. HERMOSILLA, MEX	PIPER PA-28 N15735 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 24, 106 TOTAL HOURS, 11 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION SAN JOSE, CALIF HERMOSILLA, MEX TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH FENCE, FENCEPOSTS LANDING ROLL EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT LOW ON FUEL REMARKS- INVEST UNDER JURISDICTION OF GOVT OF MEXICO.						
6-0018	2/17/74 TIME - UNK/NR	TIJUANA, MEX	CESSNA 210 N3916Y DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 52, UNK/NR TOTAL HOURS, 1340 IN TYPE, UNK/NR INSTRU- MENT RATED.
NAME OF AIRPORT - TIJUANA DEPARTURE POINT INTENDED DESTINATION UNKNOWN/NOT REPORTED POMONA, CALIF TYPE OF ACCIDENT LAST ENROUTE STOP WHEELS-UP TIJUANA, MEX REMARKS- INVEST UNDER JURISDICTION OF GOVT OF MEXICO. PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN						
6-0019	5/17/74 TIME - 1330	NR. S. CRUZ, BOLIVIA	BELLANCA 300 N7118J DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 2 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 34, 578 TOTAL HOURS, 125 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION S. CRUZ, BOLIVIA LA PAZ, BOLIVIA TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT NORMAL CRUISE GEAR COLLAPSED LANDING ROLL EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- INVEST UNDER JURISDICTION OF GOVT OF BOLIVIA.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
6-0020	5/26/74 TIME - 1215	TREASURE C,BAHAMA	CESSNA 182J N2691F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 39, 2500 TOTAL HOURS, 15 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - TREASURE CAY INTL DEPARTURE POINT INTENDED DESTINATION WEST PALM BEACH,FLA TREASURE C,BAHAMA TYPE OF ACCIDENT PHASE OF OPERATION HARD LANDING LANDING LEVEL OFF/TOUCHDOWN REMARKS- INVESTIGATION UNDER THE JURISDICTION OF THE GOVT OF BAHAMAS.						
6-0021	5/4/74 TIME - 1050	NR.LOS NEGROS,DM REP	PIPER PA-28 N1561J DAMAGE-DESTROYED	CR- 0 0 1 PX- 1 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 45, 680 TOTAL HOURS, 26 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION MAYAGUEZ,PR PORT AU PRINCE,HAITI TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT NORMAL CRUISE DITCHING LANDING LEVEL OFF/TOUCHDOWN PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER REMARKS- INVESTIGATION UNDER JURISDICTION GOVT OF DOMINICAN REPUBLIC.						
6-0022	4/24/74 TIME - 1000	NASSAU,BAHAMAS	GRUMMAN G-21A N86640 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 6	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 54, 16125 TOTAL HOURS, 8010 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - NASSAU INTL DEPARTURE POINT INTENDED DESTINATION NASSAU,BAHAMAS CISTERN CAY,BAHAMAS TYPE OF ACCIDENT PHASE OF OPERATION GEAR COLLAPSED TAXI FROM LANDING REMARKS- INVESTIGATION UNDER JURISDICTION OF THE GOVT OF BAHAMAS.						
6-0023	5/1/74 TIME - 1745	MARSH HBR,BAHAMAS	PIPER PA-23 N4416P DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL BUSINESS	COMMERCIAL, AGE 33, 1256 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - MARSH HARBOR DEPARTURE POINT INTENDED DESTINATION FREEPORT,BAHAMAS MARSH HBR,BAHAMAS TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION TAKEOFF INITIAL CLIMB WHEELS-UP LANDING LEVEL OFF/TOUCHDOWN COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP. REMARKS- INVESTIGATION UNDER THE JURISDICTION OF THE GOVT OF BAHAMAS.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
6-0024	6/22/74 TIME - 2100	NR.PUNTA CHIVATO,MEX	CESSNA 337 N2127X DAMAGE-DESTROYED INTENDED DESTINATION PUNTA CHIVATO,MEX	CR- 1 0 0 PX- 3 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 40, 2000 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
			DEPARTURE POINT MULEGE,MEX	PHASE OF OPERATION UNKNOWN/NOT REPORTED		
			TYPE OF ACCIDENT UNDETERMINED			
REMARKS- INVEST UNDER JURISDICTION OF GOVT OF MEXICO.						
6-0025	4/26/74 TIME - UNK/NR	ARTEAGA,MEX	CESSNA 210 N59082 DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	MISCELLANEOUS UNKNOWN/NOT REPORTED	PRIVATE, AGE 44, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, UNK/NR INSTRUMENT RATED.
			DEPARTURE POINT UNKNOWN/NOT REPORTED	LAST ENROUTE STOP UNKNOWN/NOT REPORTED		
			TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	PHASE OF OPERATION LANDING GO-AROUND		
REMARKS- INVSTGTN UNDR JURSDCTN OF GOVT OF MEXICO						
6-0026	7/2/74 TIME - 0930	PERRAULT FLS,CAN	AMER AVCO AA-5 N9515L DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 42, 62 TOTAL HOURS, 25 IN TYPE, NOT INSTRUMENT RATED.
			NAME OF AIRPORT - PERRAULT FALLS			
			DEPARTURE POINT PERRAULT FLS,CAN			
			TYPE OF ACCIDENT STALL	PHASE OF OPERATION TAKEOFF INITIAL CLIMB		
REMARKS- INVESTIGATION UNDER JURISDICTION OF THE GOVT OF CANADA.						
6-0027	7/26/74 TIME - 1105	NR.ENSENADA,BC,MEX	CESSNA 172E N5566T DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 43, 1461 TOTAL HOURS, 1147 IN TYPE, INSTRUMENT RATED.
			DEPARTURE POINT ENSENADA,BC,MEX			
			TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	PHASE OF OPERATION IN FLIGHT OTHER		
			INTENDED DESTINATION LOCAL			
REMARKS- INVEST UNDER JURISDICTION OF GOVT OF MEXICO.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
6-0028	7/7/74 TIME - 1300	COAHUILA,MEX	CESSNA P206A N5720J DAMAGE-DESTROYED INTENDED DESTINATION LOCAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 37, 4500 TOTAL HOURS, 600 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT COAHUILA,MEX		PHASE OF OPERATION TAKEOFF INITIAL CLIMB LANDING LEVEL OFF/TOUCHDOWN		
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION GEAR COLLAPSED				
		PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND FIRE AFTER IMPACT REMARKS- INVESTIGATION UNDER THE JURISDICTION OF THE GOV1 OF MEXICO.				
6-0029	6/15/74 TIME - 1440	LK NEKIK,ONT,CAN	BELLANCA 17-30A N738MM DAMAGE-SUBSTANTIAL INTENDED DESTINATION GODS LK,ONT,CAN	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 51, 1072 TOTAL HOURS, 930 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT WINNIPEG,MNTBA,CAN		PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN		
		TYPE OF ACCIDENT WHEELS-UP				
		EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT LOW ON FUEL ADVERSE/UNFAVORABLE WEATHER REMARKS- LOST,WX CLOSING IN.MADE INTENTIONAL WHEELS UP LDG IN SWAMP.INVEST JURISDICTION OF CANADIAN GOVT.				
6-0030	5/14/74 TIME - 1727	ST BARTHELEMY,FWI	CESSNA 310J N3043L DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL BUSINESS	COMMERCIAL, AGE 58, 9807 TOTAL HOURS, 2878 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - ST JEAN DEPARTURE POINT RAIZET,GADELOUPE	INTENDED DESTINATION ST BARTHELEMY,FWI	PHASE OF OPERATION LANDING ROLL		
		TYPE OF ACCIDENT GEAR COLLAPSED				
		REMARKS- INVESTIGATION UNDER JURISDICTION GOVT OF FRENCH WEST INDIES.				

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
6-0031	5/16/74	TAPCHLA, GUATEMALA	BELLANCA 17-30A N8877V	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 52, 568 TOTAL HOURS, 76 IN TYPE, NOT INSTRUMENT RATED.
	TIME - 1730		DAMAGE-SUBSTANTIAL			
	DEPARTURE POINT	INTENDED DESTINATION			LAST ENROUTE STOP	
	VERA CRUZ, MEX	SAN JOSE, GUATEMALA			TAPACHULA, GUATEMALA	
	TYPE OF ACCIDENT				PHASE OF OPERATION	
	HARD LANDING				LANDING LEVEL OFF/TOUCHDOWN	
	FACTOR(S)					
	WEATHER - LOW CEILING					
	WEATHER - RAIN					
	EMERGENCY CIRCUMSTANCES -	PRECAUTIONARY LANDING OFF AIRPORT				
		LOW ON FUEL				
		ADVERSE/UNFAVORABLE WEATHER				
	SKY CONDITION				CEILING AT ACCIDENT SITE	
	UNKNOWN/NOT REPORTED				UNKNOWN/NOT REPORTED	
	VISIBILITY AT ACCIDENT SITE				PRECIPITATION AT ACCIDENT SITE	
	UNKNOWN/NOT REPORTED				RAIN, THUNDERSTORM	
	OBSTRUCTIONS TO VISION AT ACCIDENT SITE				TEMPERATURE-F	
	HAZE				65	
	WIND DIRECTION-DEGREES				WIND VELOCITY-KNOTS	
	270				20	
	TYPE OF WEATHER CONDITIONS				TYPE OF FLIGHT PLAN	
	VFR				VFR	
	REMARKS-	LOW FUEL STATE, LNDD IN FLD. INVESTIGATION UNDER JURISDICTION GOVT OF GUATEMALA.				
6-0032	5/31/74	TSUNIAH LK, BC, CAN	BEECH 55 N3774Q	CR- 0 0 1 PX- 0 0 4	NONCOMMERCIAL CORP/EXEC	ATR, FLIGHT INSTR., AGE UNK/NR, 13443 TOTAL HOURS, 105 IN TYPE, INSTRUMENT RATED.
	TIME - 1745		DAMAGE-SUBSTANTIAL			
	NAME OF AIRPORT -	TSUNIAH LK LODGE				
	DEPARTURE POINT	INTENDED DESTINATION				
	VICTORIA, BC, CAN	TSUNIAH LK, BC, CAN				
	TYPE OF ACCIDENT				PHASE OF OPERATION	
	HARD LANDING				LANDING LEVEL OFF/TOUCHDOWN	
	REMARKS-	GUSTY WINDS. NOSE GR COLLAPSED, PROPS STRUCK RWY. INVESTIGATION UNDER JURISDICTION CANADIAN GOVT.				
6-0033	6/1/74	TSACHA LK, BC, CAN	CESSNA 182H N2022X	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 52, 1336 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
	TIME - 1530		DAMAGE-SUBSTANTIAL			
	NAME OF AIRPORT -	TSACHA LK LODGE				
	DEPARTURE POINT	INTENDED DESTINATION				
	TSACHA LK, BC, CAN	VANCOUVER, BC, CAN				
	TYPE OF ACCIDENT				PHASE OF OPERATION	
	STALL				TAKEOFF INITIAL CLIMB	
	REMARKS-	SOFT SPOT NR END OF RWY. UN TO CLR TREES ON TKOF. INVESTIGATION UNDER JURISDICTION OF CANADIAN GOVT.				

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
6-0034	4/29/74 TIME - 1550	MARIGOT, ST MARTIN	CESSNA 337B N2373S DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL BUSINESS	COMMERCIAL, AGE 50, 5000 TOTAL HOURS, 44 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - MARIGOT DEPARTURE POINT INTENDED DESTINATION SAN JUAN, PR MARIGOT, ST MARTIN TYPE OF ACCIDENT PHASE OF OPERATION OVERSHOOT LANDING LEVEL OFF/TOUCHDOWN GEAR COLLAPSED LANDING ROLL REMARKS- DNWIND APCH.OVERRAN RWY.INVESTIGATION UNDER JURISDICTION OF GOVT OF ST MARTIN.						
6-0035	5/28/74 TIME - 0900	MOON R, ONT, CAN	REPUBLIC RC-3-1 N6353K DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 71, 1957 TOTAL HOURS, 314 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION MOON R, ONT, CAN NIAGARA FALLS, NY TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH OBJECT TAKEOFF RUN REMARKS- HIT OBJECT, SWERVED, CONTINUED INTO SHORE. INVESTIGATION UNDER JURISDICTION OF GOVT OF CANADA.						
6-0036	6/27/74 TIME - 1430	PUNTA CHIVATO, MEX	CESSNA 210E N2332F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 37, 559 TOTAL HOURS, 154 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - PUNTA CHIVATO DEPARTURE POINT INTENDED DESTINATION MEXICALI, MEX LORETO, MEX TYPE OF ACCIDENT LAST ENROUTE STOP GROUND-WATER LOOP-SWERVE PUNTA CHIVATO, MEX COLLIDED WITH OBJECT PHASE OF OPERATION REMARKS- OWNER RPTS, ACFT ON UNAUTHORIZED FLT. INVESTIGATION UNDER JURISDICTION OF MEXICAN GOVT. HIT ROCKS.						
6-0037	7/9/74 TIME - 1100	SANTO DOMINGO, DR	CESSNA 195 NILZ DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL. INSTR., AGE 39, 10000 TOTAL HOURS, 250 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - LAS AMERICAS INTL DEPARTURE POINT INTENDED DESTINATION CURACAO, D. ANTILLES SANTO DOMINGO, DR TYPE OF ACCIDENT PHASE OF OPERATION GROUND-WATER LOOP-SWERVE LANDING ROLL GEAR COLLAPSED LANDING ROLL REMARKS- INVESTIGATION UNDER JURISDICTION GOVT OF DOMINICAN REPUBLIC.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
6-0038	7/20/74 TIME - 1355	ALMERIA, SPAIN	CESSNA 150H N22843 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 25, 47 TOTAL HOURS, 37 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - ALMERIA DEPARTURE POINT INTENDED DESTINATION ROTA, SPAIN ALMERIA, SPAIN TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION LANDING FINAL APPROACH GEAR COLLAPSED LANDING LEVEL OFF/TOUCHDOWN EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- PLT RPTD FUEL EXHAUSTED IMI SHORT OF ARPT. INVESTIGATION UNDER JURISDICTION SPANISH GOVT.						
6-0039	6/30/74 TIME - 0900	BIMINI, BAHAMAS	PIPER PA-28 N203X DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 2 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 33, 290 TOTAL HOURS, 230 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION BIMINI, BAHAMAS NAPLES, FLA TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION TAKEOFF INITIAL CLIMB DITCHING LANDING LEVEL OFF/TOUCHDOWN EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER REMARKS- PWR LOSS AFTER TKOF, UN RETURN TO ARPT, DITCHED 50FT OFF SHORE. INVEST JURISDICTION BAHAMIAN GOVT.						
6-0040	6/30/74 TIME - 1959	BRANDON, ENGLAND	CESSNA 172F N5162F DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	MISCELLANEOUS TEST	CERTIFICATE UNKNOWN, AGE UNK/NR, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, UNK/NR INSTRUMENT RATED.
NAME OF AIRPORT - RAF LAKENHEATH DEPARTURE POINT INTENDED DESTINATION BRANDON, ENGLAND LOCAL TYPE OF ACCIDENT PHASE OF OPERATION HARD LANDING LANDING LEVEL OFF/TOUCHDOWN REMARKS- COPILOT MADE HIGH FLARE, SETTLED TO RWY. INVESTIGATION UNDER JURISDICTION GOVT OF ENGLAND.						
6-0041	7/12/74 TIME - 1400	LINGAYAN, RP	CESSNA 172 N71992 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 50, 300 TOTAL HOURS, 50 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - LINGAYAN DEPARTURE POINT INTENDED DESTINATION LINGAYAN, RP LOCAL TYPE OF ACCIDENT PHASE OF OPERATION GROUND-WATER LOOP-SWERVE LANDING ROLL COLLIDED WITH OBJECT LANDING ROLL REMARKS- STRUCK RWY REPAIR EQUIPMENT. INVESTIGATION UNDER JURISDICTION OF THE PHILIPPINE GOVT.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
6-0042	7/11/74 TIME - 1140	NR.BIMINI,BAHAMAS	PIPER PA-32 N3379W DAMAGE-DESTROYED INTENDED DESTINATION FT LAUDERDALE,FLA	CR- 0 0 1 PX- 0 0 4	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 55, 650 TOTAL HOURS, 8 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT BIMINI,BAHAMAS						
TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION DITCHING			PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING LEVEL OFF/TOUCHDOWN			
PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER REMARKS- DITCHED ABT 17MI NW OF BIMINI.ACFT NOT RCVRD.PLT RPTD LOST OIL PRESS.OCCUPANTS USED LIFE JACKETS.						
6-0043	8/13/74 TIME - 1430	TSUNIAH LAKE,CAN	PIPER PA-23 N54099 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 34, 731 TOTAL HOURS, 486 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - TSUNIAH LAKE LDGE						
DEPARTURE POINT KAMLOOPS,CAN			INTENDED DESTINATION TSUNIAH LAKE,CAN			
TYPE OF ACCIDENT UNDERSHOOT COLLIDED WITH TREES			PHASE OF OPERATION LANDING FINAL APPROACH LANDING FINAL APPROACH			
REMARKS- INVEST UNDER JURISDICTION OF GOVT OF CANADA.						
6-0044	7/24/74 TIME - 0945	NR.MAZATLAN,MEX	PIPER PA-32 N56662 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 31, 3000 TOTAL HOURS, 10 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - STRIP						
DEPARTURE POINT MAZATLAN,MEX			INTENDED DESTINATION UNKNOWN/NOT REPORTED			
TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH TREES			PHASE OF OPERATION TAKEOFF INITIAL CLIMB LANDING FINAL APPROACH			
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- INVESTIGATION UNDER JURISDICTION OF GOVT OF MEXICO.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
6-0045	7/26/74 TIME - 1720	VIRGIN GORDA,BVI	PIPER PA-23 N765WC DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS TEST	COMMERCIAL, AGE 33, 3135 TOTAL HOURS, 2815 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - VIRGIN GORDA DEPARTURE POINT INTENDED DESTINATION VIRGIN GORDA,BVI ST THOMAS,VI TYPE OF ACCIDENT FIRE OR EXPLOSION IN FLIGHT GEAR COLLAPSED FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - PREVIOUS DAMAGE MISCELLANEOUS ACTS,CONDITIONS - FIRE IN ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP.T. REMARKS- POST MAINT TEST FLT.PREVIOUS FIRE IN L ENG COMPTMT.INVESTIGATION JURISDICTION BRITISH GOVT.						
6-0046	10/27/74 TIME - 1615	NIAGARA ON LK,CAN	TAYLORCRAFT BC12-D N96383 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 49, 138 TOTAL HOURS, 8 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION AMHERST,NY LOCAL TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH TREES EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- ENG QUIT IN PWR OFF GLIDE.LNDD IN ORCHARD.INVESTIGATION UNDER JURISDICTION OF GOVT OF CANADA.						
6-0047	5/25/74 TIME - 1818	LA PAZ,BC,MEX	PIPER PA-24 N5403P DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 27, 583 TOTAL HOURS, 100 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - LA PAZ DEPARTURE POINT INTENDED DESTINATION UNKNOWN/NOT REPORTED LA PAZ,BC,MEX TYPE OF ACCIDENT WHEELS-UP REMARKS- INVEST UNDER JURISDICTION OF GOVT OF MEXICO						
6-0048	9/29/74 TIME - 2010	BAN.IZABAL,GUATML	PIPER PA-32 N3204W DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	MISCELLANEOUS OTHER PUBLIC	ATR,FLIGHT INSTR., AGE 30, 5200 TOTAL HOURS, 30 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - BANANERA DEPARTURE POINT INTENDED DESTINATION BELIZE,BR HONDURAS SAN PEDRO SULA,HOND TYPE OF ACCIDENT COLLIDED WITH OBJECT GEAR COLLAPSED EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT ADVERSE/UNFAVORABLE WEATHER APPROACHING DARKNESS REMARKS- INVEST UNDER JURISDICTION OF GOVT OF GUATEMALA. GR HIT RIDGE TO R OF RWY.DISASTER RELIEF FLT.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
6-0049	7/28/74 TIME - 0645	CHICONCUAC,MEX	CESSNA 337 N85953 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 1 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 46, 2000 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - CHICONCUAC				
		DEPARTURE POINT	INTENDED DESTINATION			
		CHICONCUAC,MEX	UNKNOWN/NOT REPORTED			
		TYPE OF ACCIDENT			PHASE OF OPERATION	
		NOSE OVER/DOWN			TAKEOFF RUN	
		REMARKS- INVEST UNDER JURISDICTION OF GOVT OF MEXICO.				
6-0050	5/24/74 TIME - UNK/NR	MAGDALENA,MEX	CESSNA 210 N1187Q DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 36, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, INSTRU- MENT RATED.
		DEPARTURE POINT	INTENDED DESTINATION	LAST ENROUTE STOP		
		SANTA ANA,CALIF	UNKNOWN/NOT REPORTED	TUCSON,ARIZ		
		TYPE OF ACCIDENT			PHASE OF OPERATION	
		UNDETERMINED			UNKNOWN/NOT REPORTED	
		REMARKS- INVEST UNDER JURISDICTION OF GOVT OF MEXICO.				
6-0051	4/17/74 TIME - 1700	TECORIPA,MEX	PIPER PA-32 N98217 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 52, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT	INTENDED DESTINATION			
		UNKNOWN/NOT REPORTED	UNKNOWN/NOT REPORTED			
		TYPE OF ACCIDENT			PHASE OF OPERATION	
		UNDETERMINED			UNKNOWN/NOT REPORTED	
		REMARKS- INVEST UNDER JURISDICTION OF GOVT OF MEXICO.				
6-0052	7/4/74 TIME - 1900	SAN QUINTON,MEX	PIPER PA-32 N4254R DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	CERTIFICATE UNKNOWN, AGE UNK/NR, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, UNK/NR INSTRUMENT RATED.
		NAME OF AIRPORT - CIELITO LINDO				
		DEPARTURE POINT	INTENDED DESTINATION			
		UNKNOWN/NOT REPORTED	SAN QUINTON,MEX			
		TYPE OF ACCIDENT			PHASE OF OPERATION	
		GROUND-WATER LOOP-SWERVE			LANDING ROLL	
		REMARKS- INVEST UNDER JURISDICTION OF GOVT OF MEXICO.				

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
6-0053	5/19/74 TIME - UNK/NR	NR.S.LUIS GNZAGA,MEX	CESSNA U206C N29020 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 25, 300, TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT SANTA ANA,CALIF	INTENDED DESTINATION UNKNOWN/NOT REPORTED	PHASE OF OPERATION UNKNOWN/NOT REPORTED		
		TYPE OF ACCIDENT UNDETERMINED				
REMARKS- INVEST UNDER JURISDICTION OF GOVT OF MEXICO.						
6-0054	6/24/74 TIME - 1100	Q.ROO,MEX	LOCKHEED 12A N36P DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 4	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 39, 10300 TOTAL HOURS, 3030 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - PEZ MAYA DEPARTURE POINT MERIDA,MEX	INTENDED DESTINATION TULUM,MEX	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING ROLL		
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION GROUND-WATER LOOP-SWERVE PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT REMARKS- MINOR ENG ROUGHNESS R ENG.GROUND LOOP TO AVOID HOLE END OF RWY.INVEST JURISDICTION GOVT OF MEXICO.				
6-0055	10/6/74 TIME - 1730	NR.SAN LUIS,MEX	CESSNA 206 N4847F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 36, 5340 TOTAL HOURS, 38 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT YUMA,ARIZ	INTENDED DESTINATION SAN LUIS,MEX	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING ROLL		
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH DIRT BANK COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- INVEST UNDER JURISDICTION OF GOVT OF MEXICO.				
6-0056	10/6/74 TIME - 1505	ROSARITO,MEX	CESSNA 150 N11357 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 20, 265 TOTAL HOURS, 67 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT ENSENADA,MEX	INTENDED DESTINATION TIJUANA,MEX	PHASE OF OPERATION IN FLIGHT DESCENDING LANDING LEVEL OFF/TOUCHDOWN		
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- INVEST UNDER JURISDICTION OF GOVT OF MEXICO.				

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
6-0057	5/7/74 TIME - 0830	S.J.DEL CABO,MEX	CESSNA 172 N6648A DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 47, 640 TOTAL HOURS, 200 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - SHARK FACTORY DEPARTURE POINT INTENDED DESTINATION BAHIA D.L.PALMAS,MEX LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER CONTROLLED LANDING LEVEL OFF/TOUCHDOWN REMARKS- INVESTIGATION UNDER THE JURISDICTION OF THE GOVT OF MEXICO.						
6-0058	11/27/74 TIME - 1533	LA PAZ,MEX	PIPER PA-28 N101YT DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 39, 246 TOTAL HOURS, 197 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - LA PAZ INTL DEPARTURE POINT INTENDED DESTINATION MULEGE,MEX LA PAZ,MEX TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT DESCENDING COLLISION WITH GROUND/WATER CONTROLLED LANDING LEVEL OFF/TOUCHDOWN COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- INVEST UNDER JURISDICTION OF GOVT OF MEXICO.						
6-0059	11/7/74 TIME - 1345	LOS MOCHIS,MEX	CESSNA 401 N401EH DAMAGE-DESTROYED	CR- 1 0 0 PX- 2 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE UNK/NR, 1039 TOTAL HOURS, 125 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - LOS MOCHIS DEPARTURE POINT INTENDED DESTINATION GUAYMAS,MEX CULIACAN,MEX TYPE OF ACCIDENT LAST ENROUTE STOP COLLISION WITH GROUND/WATER CONTROLLED LOS MOCHIS,MEX REMARKS- INVEST UNDER JURISDICTION OF GOVT OF MEXICO. PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN						
6-0060	6/7/74 TIME - 1320	BUENA VISTA,MEX	CESSNA 210T N6109R DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 57, 1971 TOTAL HOURS, ALL IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - BUENA VISTA DEPARTURE POINT INTENDED DESTINATION MEXICALI,MEX BUENA VISTA,MEX TYPE OF ACCIDENT PHASE OF OPERATION GEAR COLLAPSED LANDING ROLL REMARKS- INVEST UNDER JURISDICTION OF GOVT OF MEXICO.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
6-0061	7/26/74 TIME - 0930	BAHIA DE L.A., MEX	BEECH 35-B33 N808ZA DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 46, 264 TOTAL HOURS, 10 IN TYPE, UNK/NR INSTRUMENT RATED.
NAME OF AIRPORT - BAHIA DE LOS ANGE						
DEPARTURE POINT BAHIA DE L.A., MEX			INTENDED DESTINATION MULEGE, MEX			
TYPE OF ACCIDENT GEAR RETRACTED			PHASE OF OPERATION TAKEOFF RUN			
REMARKS- INVEST UNDER JURISDICTION OF GOVT OF MEXICO.						
6-0062	9/26/74 TIME - 2350	NR. BAHAWALPUR, PAKSTN	BEECH B60 N8184R DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	MISCELLANEOUS FERRY	ATR, FLIGHT INSTR., AGE 50, 5800 TOTAL HOURS, 400 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT KARACHI, PAKISTAN			INTENDED DESTINATION CALCUTTA, INDIA			
TYPE OF ACCIDENT FIRE OR EXPLOSION IN FLIGHT AIRFRAME FAILURE IN FLIGHT			PHASE OF OPERATION IN FLIGHT NORMAL CRUISE IN FLIGHT UNCONTROLLED DESCENT			
MISSING AIRCRAFT - LATER RECOVERED						
REMARKS- R ENG FEATHERED, NOT SECURED. HI SPD BREAKUP. INVEST JURISDICTION GOVT OF PAKISTAN.						
6-0063	9/12/74 TIME - 1030	NR. WABASH LK, NFD, CAN	CESSNA 402B N69301 DAMAGE-DESTROYED	CR- 0 1 0 PX- 1 2 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 51, 2327 TOTAL HOURS, 365 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT SEPT ISLES, QUE, CAN			INTENDED DESTINATION FORT CHIMO, QUE, CAN			
TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH TREES			PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING LEVEL OFF/TOUCHDOWN			
FACTOR(S) WEATHER - ICING CONDITIONS-INCLUDES SLEET, FREEZING RAIN, ETC. MISCELLANEOUS ACTS, CONDITIONS - ICE-PROPELLER SYSTEMS - ANTI-ICING, DE-ICING SYSTEMS PROPELLER ANTI-ICING, DE-ICING SYSTEMS PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 2 ENGINES WEATHER BRIEFING - BRIEFING RECEIVED-METHOD UNKNOWN WEATHER FORECAST - UNKNOWN/NOT REPORTED EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND PROP/ENGINE VIBRATION						
SKY CONDITION UNKNOWN/NOT REPORTED			CEILING AT ACCIDENT SITE 1000			
VISIBILITY AT ACCIDENT SITE 5 OR OVER			PRECIPITATION AT ACCIDENT SITE RAIN			
OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE			WIND DIRECTION-DEGREES 320			
WIND VELOCITY-KNOTS 15			TYPE OF WEATHER CONDITIONS VFR			
TYPE OF FLIGHT PLAN IFR						
FIRE AFTER IMPACT						
REMARKS- INVESTIGATION UNDER JURISDICTION OF GOVT OF CANADA.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
6-0064	12/10/74 TIME - 0600	MISSING ACFT	CESSNA 150L N6950G DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	CERTIFICATE UNKNOWN, AGE 34, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, UNK/NR INSTRUMENT RATED.
		DEPARTURE POINT CUBI PT NAS,RP	INTENDED DESTINATION MANILA,RP			
		TYPE OF ACCIDENT MISSING AIRCRAFT,NOT RECOVERED	PHASE OF OPERATION UNKNOWN/NOT REPORTED			
REMARKS- ACFT MISSING,BELIEVED CRASHED INTO OCEAN,DMG/INJURY INDEX PRESUMED.INVEST JURISDICTION PHIL GOVT.						
6-0065	12/4/74 TIME - 1310	ST BARTHELEMY,FWI	CESSNA 172 N6170E DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE UNK/NR, 687 TOTAL HOURS, 234 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - ST JEAN DEPARTURE POINT SAN JUAN,PR	INTENDED DESTINATION ST BARTHELEMY,FWI			
		TYPE OF ACCIDENT NOSE OVER/DOWN	PHASE OF OPERATION LANDING ROLL			
REMARKS- RAN OFF END OF RWY.INVESTIGATION UNDER JURISDICTION GOVT OF FRENCH WEST INDIES.						
6-0066	9/19/74 TIME - 0925	NR.MAL PASO,MEX	CESSNA T210L N90707 DAMAGE-DESTROYED	CR- 1 0 0 PX- 2 0 0	MISCELLANEOUS UNKNOWN/NOT REPORTED	CERTIFICATE OTHER, AGE UNK/NR, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, UNK/NR INSTRUMENT RATED.
		DEPARTURE POINT SALINA,CRUZ,MEX	INTENDED DESTINATION VILLAHERMOSA,TAB,MEX			
		TYPE OF ACCIDENT UNDETERMINED	PHASE OF OPERATION UNKNOWN/NOT REPORTED			
REMARKS- INVESTIGATION UNDER JURISDICTION OF GOVT OF MEXICO.						
6-0067	12/16/74 TIME - 1845	GREAT INAGUA,BAHM	CESSNA 177RG N2128Q DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 2 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 29, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT UNKNOWN/NOT REPORTED	INTENDED DESTINATION UNKNOWN/NOT REPORTED			
		TYPE OF ACCIDENT UNDETERMINED	PHASE OF OPERATION UNKNOWN/NOT REPORTED			
REMARKS- INVESTIGATION UNDER JURISDICTION OF THE GOVT OF BAHAMAS.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
6-0068	10/11/74 TIME - UNK/NR	AGUALEGUAS, MEX	PIPER PA-32 N3470W DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL. INSTR., AGE 24, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT UNKNOWN/NOT REPORTED	INTENDED DESTINATION UNKNOWN/NOT REPORTED	PHASE OF OPERATION UNKNOWN/NOT REPORTED		
		TYPE OF ACCIDENT UNDETERMINED				
		FIRE AFTER IMPACT				
		REMARKS- INVEST UNDER JURISDICTION OF GOVT OF MEXICO.				
6-0069	12/12/74 TIME - 1740	BAHIA DE L.A., MEX	AERO COMDR 520 N4150B DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 5	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	ATR, FLIGHT INSTR., AGE 24, 2743 TOTAL HOURS, 31 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - BAHIA DE LOS ANGE DEPARTURE POINT SANTA ANA, CALIF	INTENDED DESTINATION SANTA ROSALIA, MEX	LAST ENROUTE STOP BAHIA DE L.A., MEX		
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER CONTROLLED		PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN		
		REMARKS- INVEST UNDER JURISDICTION OF GOVT OF MEXICO.				
6-0070	12/7/74 TIME - 1230	PLATINITO, MEX	CESSNA 177RG N2151Q DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 36, 375. TOTAL HOURS, 225 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - PLATINITO DEPARTURE POINT OCORONI, MEX	INTENDED DESTINATION PLATINITO, MEX	PHASE OF OPERATION LANDING ROLL LANDING ROLL		
		TYPE OF ACCIDENT COLLIDED WITH DITCHES GEAR COLLAPSED				
		REMARKS- INVEST UNDER JURISDICTION OF GOVT OF MEXICO.				
6-0071	9/20/74 TIME - 0900	MANITOBA, CAN	CESSNA 210 N1912R DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 32, UNK/NR TOTAL HOURS, 143 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - CASK (ABANDONED) DEPARTURE POINT MANITOBA, CAN	INTENDED DESTINATION GILLIAM ARPT, MAN, CAN	PHASE OF OPERATION TAKEOFF INITIAL CLIMB		
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER UNCONTROLLED				
		FIRE AFTER IMPACT				
		REMARKS- INVESTIGATION UNDER THE JURISDICTION OF THE GOVT OF CANADA.				

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
6-0072	5/28/74 TIME - 1600	SAN FELIPE, BC, MEX	CESSNA 195 N4382N DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	MISCELLANEOUS UNKNOWN/NOT REPORTED	COMMERCIAL, AGE 27, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, INSTRU- MENT RATED.
		DEPARTURE POINT UNKNOWN/NOT REPORTED	INTENDED DESTINATION UNKNOWN/NOT REPORTED	PHASE OF OPERATION UNKNOWN/NOT REPORTED		
		REMARKS- INVESTIGATION JURISDICTION GOVT OF MEXICO.				
6-0073	11/29/74 TIME - 1635	PT PESCADORES, MEX	CESSNA 337 N913PA DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL BUSINESS	COMMERCIAL, AGE 58, 4003 TOTAL HOURS, 205 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - PUNTA PESCADORES		PHASE OF OPERATION LANDING ROLL		
		DEPARTURE POINT HERMOSILLO, MEX	INTENDED DESTINATION PT PESCADORES, MEX			
		TYPE OF ACCIDENT NOSE OVER/DOWN				
		REMARKS- ROLLED OFF RWY INTO SOFT SAND. PLT CLAIMED WIND-SHIFT AFTER T/D. INVEST JURISDICTION GOVT OF MEXICO.				
6-0074	11/15/74 TIME - 1000	CAY VERDE, BAHAMAS	PIPER PA-32 N56481 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 1 0	NONCOMMERCIAL BUSINESS	COMMERCIAL, AGE 23, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, INSTRU- MENT RATED.
		DEPARTURE POINT MATTHEWTOWN, G. INAGUA	INTENDED DESTINATION DUNCANTOWN, RAGGED IS	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING LEVEL OFF/TOUCHDOWN		
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLISION WITH GROUND/WATER CONTROLLED FACTOR(S) PILOT IN COMMAND - BECAME LOST/DISORIENTED MISCELLANEOUS ACTS, CONDITIONS - FUEL EXHAUSTION EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.				
		REMARKS- DEVIATED ARND WX, BECAME LOST. INVESTIGATION UNDER JURISDICTION GOVT OF BAHAMA ISLANDS.				
6-0075	7/19/74 TIME - 1330	MEXICO CITY, MEX	CESSNA 310J N3055L DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 5 QT- 2 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 61, 4100 TOTAL HOURS, 150 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - MEXICO CITY INTL		PHASE OF OPERATION TAKEOFF INITIAL CLIMB LANDING ROLL		
		DEPARTURE POINT MEXICO CITY, MEX	INTENDED DESTINATION BROWNSVILLE, TEX			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH AUTOMOBILE				
		PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT. REMARKS- INVESTIGATION UNDER THE JURISDICTION OF THE GOVERNMENT OF MEXICO.				

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
6-0076	12/29/74 TIME - 1320	WALKER CAY,BAHAMA	AERO COMDR 500 N36T DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 6	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	AIRLINE TRANSPORT, AGE 55, 15000 TOTAL HOURS, 2000 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - WALKER CAY DEPARTURE POINT INTENDED DESTINATION WALKER CAY,BAHAMA WEST PALM BEACH,FLA TYPE OF ACCIDENT PHASE OF OPERATION GEAR RETRACTED TAKEOFF RUN REMARKS- INVESTIGATION UNDER THE JURISDICTION OF THE GOVT OF BAHAMA.						
6-0077	12/3/74 TIME - 0450	TORONTO,ONT,CAN	BEECH E18S N3602B DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-CARGO	ATR,FLIGHT INSTR., AGE 32, 4133 TOTAL HOURS, 1311 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - TORONTO INTL DEPARTURE POINT INTENDED DESTINATION BUFFALO,NY TORONTO,ONT,CAN TYPE OF ACCIDENT PHASE OF OPERATION GEAR COLLAPSED LANDING ROLL REMARKS- UNSAFE GR INDOCTN.LOWERED USING EMERG SYS.COLLAPSED ON ROLLOUT.INVEST JURISDICTION GOVT OF CANADA.						



NATIONAL TRANSPORTATION SAFETY BOARD

WASHINGTON, D. C. 20594

BRIEFS OF INCIDENTS

U. S. GENERAL AVIATION

SUPPLEMENTAL ISSUE

1974

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
5-0001	1/5/74 TIME - 1500	ZELIENOPLE, PA	AEROSTAR 600 N7484S DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 50, 809 TOTAL HOURS, 247 IN TYPE, NOT INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT</p> <p>NAME OF AIRPORT - ZELIENOPLE</p> <p>DEPARTURE POINT INTENDED DESTINATION</p> <p>WEST MIFFLIN, PA ZELIENOPLE, PA</p> <p>TYPE OF ACCIDENT PHASE OF OPERATION</p> <p>WHEELS-UP LANDING ROLL</p> <p>PROBABLE CAUSE(S)</p> <p>MISCELLANEOUS - UNDETERMINED</p> <p>REMARKS- PLT LNDD,3 GREEN DN AND LOCKD LTS. GR RETRACTN TEST-NO MALFUNCTION.</p>						
5-0002	1/7/74 TIME - 1545	FRENCHVILLE, ME	PIPER PA-32 N4188R DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 44, 286 TOTAL HOURS, 73 IN TYPE, NOT INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT</p> <p>NAME OF AIRPORT - N.AROOSTOOK</p> <p>DEPARTURE POINT INTENDED DESTINATION</p> <p>CARIBOU, ME FRENCHVILLE, ME</p> <p>TYPE OF ACCIDENT PHASE OF OPERATION</p> <p>COLLIDED WITH SNOWBANK LANDING LEVEL OFF/TOUCHDOWN</p> <p>PROBABLE CAUSE(S)</p> <p>PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS</p> <p>FACTOR(S)</p> <p>AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SNOW WINDROWS</p> <p>AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SNOW ON RUNWAY</p> <p>REMARKS- DURING LOG APCH TO SNOW CVRD RUNWAY ST RUCK FROZN SNOW BANK.NO CONTRAST WITH SNOW CVRD RWY.</p>						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
5-0003	1/18/74 TIME - 0100	ALBANY,NY	BEECH E18S N438A DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-CARGO S-D	ATR,FLIGHT INSTR., AGE 39, 7138 TOTAL HOURS, 987 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - ALBANY CO DEPARTURE POINT LEBANON,NH TYPE OF ACCIDENT WHEELS-UP INTENDED DESTINATION ALBANY,NY PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) AIRFRAME - LANDING GEAR NORMAL RETRACTION/EXTENSION ASSEMBLY MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS MISCELLANEOUS ACTS,CONDITIONS - FROZEN, MOISTURE REMARKS- FROZEN MOISTURE CONDITION ON LDG GR SLIDE TUBE PRECLUDED LDG GR EXTN.OAT 12 DEG BLO ZERO.						
5-0004	1/16/74 TIME - 2000	MANTED,NC	CESSNA 310G N517BR DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE UNK/NR, 5520 TOTAL HOURS, 50 IN TYPE, INSTRU- MENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - MANTED DEPARTURE POINT MYRTLE BEACH,SC TYPE OF ACCIDENT COLLIDED WITH TREES INTENDED DESTINATION RALEIGH-DURHAM,NC LAST ENROUTE STOP MANTED,NC PHASE OF OPERATION LANDING FINAL APPROACH PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS OTHER REMARKS- ARPT HRS OPN 0800 TILL DUSK.BFR TKOF PLT PHONED RQSTD LGTS TURNED ON.DRG APCH PLT SAW TREE ON L.						
5-0005	3/15/74 TIME - 2100	TOMS RIVER,NJ	PIPER PA-28 N5197S DAMAGE-MINOR	CR- 0 0 2 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 55, 566 TOTAL HOURS, ALL IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - RJ MILLER AIRPARK DEPARTURE POINT ATLANTIC CITY,NJ TYPE OF ACCIDENT COLLIDED WITH ANIMALS INTENDED DESTINATION TOMS RIVER,NJ PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) MISCELLANEOUS - ANIMAL(S) ON RUNWAY/TAXIWAY/RAMP FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS OTHER REMARKS- DARK NIGHT.WOODED AREA ARND ARPT,NO PERIMETER FENCE TO KEEP DEER OFF ARPT PROPERTY.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
5-0006	4/9/74 TIME - 1008	JAMAICA,NY	TRADEWIND C45G N11DA DAMAGE-MINOR	CR- 0 0 2 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 31, 2450. TOTAL HOURS, 166 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - JF KENNEDY INTL DEPARTURE POINT INTENDED DESTINATION BUFFALO,NY JAMAICA,NY TYPE OF ACCIDENT PHASE OF OPERATION GEAR RETRACTED LANDING ROLL  PROBABLE CAUSE(S) AIRFRAME - LANDING GEAR NOSEWHEEL ASSEMBLIES MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE MISCELLANEOUS ACTS,CONDITIONS - STRIPPED MISCELLANEOUS ACTS,CONDITIONS - JAMMED REMARKS- RETRACT NUT PN221-4 THREADS STRIPPED,JAMMED NOSEGEAR JACKSCREW PREVENTING LDG GR MOVEMENT.						
5-0007	4/21/74 TIME - 0845	MEXICALI,BC,MEX	PIPER PA-24 N6744P DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 41, 931 TOTAL HOURS, 520 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - MEXICALI INTL DEPARTURE POINT INTENDED DESTINATION BAY OF LOS ANGELES MEXICALI,BC,MEX TYPE OF ACCIDENT PHASE OF OPERATION GEAR RETRACTED LANDING ROLL REMARKS- INVESTIGATION UNDER THE JURISDICTION OF THE GOVT OF MEXICO.						
5-0008	3/29/74 TIME - 0800	IMPERIAL,CALIF	DOUGLAS DC3C N190BB DAMAGE-MINOR	CR- 0 0 2 PX- 0 0 21	MISCELLANEOUS OTHER PUBLIC	ATR,FLIGHT INSTR., AGE 51, 6000 TOTAL HOURS, 312 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - IMPERIAL COUNTY DEPARTURE POINT INTENDED DESTINATION SAN FRANCISCO,CALIF IMPERIAL,CALIF TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH OBJECT TAXI FROM LANDING  PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED CLEARANCE FACTOR(S) COPILOT - MISUNDERSTANDING OF ORDERS OR INSTRUCTIONS REMARKS- ACFT TAIL HIT SIGN,DMGD 3 AUTOMOBILES.PARKING AREA.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
5-0009	5/16/74 TIME - 0226	COLUMBIA,MO	BEECH E18S N8087 DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO S-D	COMMERCIAL, FL.INSTR., AGE 28, 3261 TOTAL HOURS, 815 IN TYPE, INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT  NAME OF AIRPORT - COLUMBIA REGIONAL  DEPARTURE POINT INTENDED DESTINATION  KANSAS CITY,MO COLUMBIA,MO  TYPE OF ACCIDENT PHASE OF OPERATION  COLLIDED WITH PARKED AIRCRAFT TAXI FROM LANDING</p> <p>PROBABLE CAUSE(S)  PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS  FACTOR(S)  AIRPORTS/AIRWAYS/FACILITIES - AIRPORT FACILITIES TAXIWAY LIGHTING AND MARKING  WEATHER - FOG  WEATHER BRIEFING - UNKNOWN/NOT REPORTED  WEATHER FORECAST - UNKNOWN/NOT REPORTED</p> <p>SKY CONDITION CEILING AT ACCIDENT SITE  OVERCAST 200  VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE  1 MILE OR LESS DRIZZLE  OBSTRUCTIONS TO VISION AT ACCIDENT SITE TYPE OF WEATHER CONDITIONS  FOG IFR  TYPE OF FLIGHT PLAN  IFR  REMARKS- TAXIED INTO PARKED AIRCRAFT PIPER N3977W.SUB DMG TO PARKED AIRCRAFT.MAIL FLT.UNLTD RAMP.</p>						
5-0010	4/8/74 TIME - 2115	NASHVILLE,TENN	BEECH G18 N1291N DAMAGE-MINOR	CR- 0 0 2 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO S-D	AIRLINE TRANSPORT, AGE UNK/NR, 5000 TOTAL HOURS, 1560 IN TYPE, INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT  NAME OF AIRPORT - METROPOLITAN  DEPARTURE POINT INTENDED DESTINATION  NASHVILLE,TENN LOUISVILLE,KY  TYPE OF ACCIDENT PHASE OF OPERATION  WHEELS-UP LANDING LEVEL OFF/TOUCHDOWN</p> <p>PROBABLE CAUSE(S)  PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION  AIRFRAME - FUSELAGE WHEEL WELL DOORS  MISCELLANEOUS ACTS,CONDITIONS - IMPROPER ALIGNMENT/ADJUSTMENT  EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT  SUSPECTED MECHANICAL DISCREPANCY  REMARKS- MAIL FLT.L GR DOOR BRACKET P/N 414-185951-5 CAUGHT ON L SIDE OF LDG GR FORK.ROD EXTDD THRU 5/8IN.</p>						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
5-0011	5/18/74 TIME - 1730	WESTHMPTON BCH,NY	BEECH 23 N23500 DAMAGE-MINOR	CR- 0 0 2 PX- 0 0 1 OT- 0 0 2	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 28, 8357 TOTAL HOURS, 802 IN TYPE, INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT</p> <p>NAME OF AIRPORT - SUFFOLK COUNTY</p> <p>DEPARTURE POINT INTENDED DESTINATION LAST ENROUTE STOP</p> <p>ISLIP,NY ISLIP,NY WESTHMPTON BCH,NY</p> <p>TYPE OF ACCIDENT PHASE OF OPERATION</p> <p>COLLISION WITH AIRCRAFT BOTH IN FLIGHT LANDING FINAL APPROACH</p> <p>PROBABLE CAUSE(S)</p> <p>PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS</p> <p>PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT</p> <p>FACTOR(S)</p> <p>PERSONNEL - TRAFFIC CONTROL PERSONNEL INADEQUATE SPACING OF AIRCRAFT</p> <p>SPECIAL DATA</p> <p>SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV.</p> <p>CONTROLLING AGENCY - TOWER RADAR CTL/SURVEILLANCE - RADAR SERVICE NOT AVIALABLE</p> <p>CONTROLLED/UNCONTROLLED AIRPORT - CONTROLLED AIRPORT CONTROL ZONE/AREA - YES</p> <p>EVASIVE ACTION TAKEN - NO ANTI-COLLISION LIGHTS - INSTALLED,OPERATION UNKNOWN</p> <p>REMARKS- PRACTICE VFR PATTERNS.RGHT WINGTIP COLLIDED LFT GR OF N79269.</p>						
5-0011	5/18/74 TIME - 1730	WESTHMPTON BCH,NY	CESSNA 172K N79269 DAMAGE-NONE	CR- 0 0 1 PX- 0 0 1 OT- 0 0 3	NONCOMMERCIAL PRACTICE	PRIVATE, AGE 52, 111 TOTAL HOURS, 46 IN TYPE, NOT INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT</p> <p>NAME OF AIRPORT - SUFFOLK COUNTY</p> <p>DEPARTURE POINT INTENDED DESTINATION LAST ENROUTE STOP</p> <p>ISLIP,NY ISLIP,NY WESTHMPTON BCH,NY</p> <p>TYPE OF ACCIDENT PHASE OF OPERATION</p> <p>COLLISION WITH AIRCRAFT BOTH IN FLIGHT LANDING FINAL APPROACH</p> <p>PROBABLE CAUSE(S)</p> <p>PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS</p> <p>PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT</p> <p>FACTOR(S)</p> <p>PERSONNEL - TRAFFIC CONTROL PERSONNEL INADEQUATE SPACING OF AIRCRAFT</p> <p>SPECIAL DATA</p> <p>SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV.</p> <p>CONTROLLING AGENCY - TOWER RADAR CTL/SURVEILLANCE - RADAR SERVICE NOT AVIALABLE</p> <p>CONTROLLED/UNCONTROLLED AIRPORT - CONTROLLED AIRPORT CONTROL ZONE/AREA - YES</p> <p>EVASIVE ACTION TAKEN - NO ANTI-COLLISION LIGHTS - INSTALLED,OPERATION UNKNOWN</p> <p>REMARKS- PRACTICE ILS APPROACH LFT GR COLLIDED RGHT WINGTIP OF N23500.</p>						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
5-0012	5/18/74 TIME - 0253	NR.FORT DODGE,IOWA	BEECH 99 N7994R DAMAGE-MINOR	CR- 0 0 2 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO S-D	COMMERCIAL, AGE 28, 6605 TOTAL HOURS, 576 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - WORTHINGTON MUNI DEPARTURE POINT INTENDED DESTINATION FORT DODGE,IOWA      SPENCER,IOWA TYPE OF ACCIDENT      PHASE OF OPERATION FIRE OR EXPLOSION IN FLIGHT      IN FLIGHT NORMAL CRUISE  PROBABLE CAUSE(S) SYSTEMS - ELECTRICAL SYSTEM OTHER MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS MISCELLANEOUS - SMOKE IN COCKPIT FACTOR(S) AIRFRAME - FUSELAGE WINDSHIELDS,WINDOWS,CANOPIES MISCELLANEOUS ACTS,CONDITIONS - LEAK/LEAKAGE WEATHER - RAIN WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT SMOKE IN COCKPIT SUSPECTED MECHANICAL DISCREPANCY  SKY CONDITION      CEILING AT ACCIDENT SITE OVERCAST      4000 VISIBILITY AT ACCIDENT SITE      PRECIPITATION AT ACCIDENT SITE ZERO      RAIN OBSTRUCTIONS TO VISION AT ACCIDENT SITE      TYPE OF WEATHER CONDITIONS UNKNOWN/NOT REPORTED      IFR TYPE OF FLIGHT PLAN IFR REMARKS- MAIL FLT.LGT CIRCUIT FOR ELECTRIC TRIM UNIT P/N115-524032 CHARRED IN BOTTOM AREA.FLT IN HVY RAIN.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
5-0013	6/11/74 TIME - 0428	BATAVIA,NY	PIPER PA-23 N5708Y DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	AIRLINE TRANSPORT, AGE 24, 3800 TOTAL HOURS, 210 IN TYPE, INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT  NAME OF AIRPORT - BUFFALO INTL  DEPARTURE POINT INTENDED DESTINATION  ROCHESTER,NY DETROIT,MICH  TYPE OF ACCIDENT PHASE OF OPERATION  AIRFRAME FAILURE IN FLIGHT IN FLIGHT NORMAL CRUISE</p> <p>PROBABLE CAUSE(S)  AIRFRAME - FUSELAGE DOORS,DOOR FRAMES  MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE  FACTOR(S)  WEATHER - TURBULENCE, ASSOCIATED W/CLOUDS AND/OR THUNDERSTORMS  MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT  WEATHER BRIEFING - BRIEFING RECEIVED-METHOD UNKNOWN  EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT  SUSPECTED OR KNOWN AIRCRAFT DAMAGE  DOOR/PANEL OPEN</p> <p>SKY CONDITION CEILING AT ACCIDENT SITE  UNKNOWN/NOT REPORTED UNKNOWN/NOT REPORTED  VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE  UNKNOWN/NOT REPORTED UNKNOWN/NOT REPORTED  OBSTRUCTIONS TO VISION AT ACCIDENT SITE TYPE OF WEATHER CONDITIONS  UNKNOWN/NOT REPORTED VFR  TYPE OF FLIGHT PLAN  IFR  REMARKS- BOTH TOP BOTTOM DOOR HINGES FRACT LONG AT A POINT ADJ TO DOOR HINGE ATTACH PLATES.DOOR NOT RCVRD..</p>						
5-0014	6/1/74 TIME - 1615	ALEXANDRIA BAY,NY	PIPER PA-28R N5635S DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 3	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE UNK/NR, 973 TOTAL HOURS, 144 IN TYPE, NOT INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT  NAME OF AIRPORT - THOUSAND ISLANDS  DEPARTURE POINT INTENDED DESTINATION  ALEXANDRIA BAY,NY LOCAL  TYPE OF ACCIDENT PHASE OF OPERATION  GEAR COLLAPSED TAXI TO TAKEOFF</p> <p>PROBABLE CAUSE(S)  AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS HIDDEN HAZARD  FACTOR(S)  MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE  REMARKS- LOCAL SIGHT SEEING FLT PERFORMED BY AIR TAXI OPERATOR.NOSEWHEEL STRUCK A CHUCK HOLE.</p>						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
5-0015	4/5/74 TIME - 1930	MONTEGO B, JAMAICA	PIPER PA-32 N5559J DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 22, 510 TOTAL HOURS, 9 IN TYPE, NOT INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - GRANGE HILL DEPARTURE POINT INTENDED DESTINATION MARATHON, FLA MONTEGO BAY, JAMAICA TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH OBJECT PHASE OF OPERATION IN FLIGHT LOW PASS LANDING ROLL PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT REMARKS- ENG RUNNING ROUGH. RAN OFF END OF WET RWY. INVESTIGATION UNDER JURISDICTION JAMAICAN GOVT.						
5-0016	5/16/74 TIME - 2025	S. FRANCISCO, CALIF	DEHAVILLAND DH.104 N153PC DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 7	COMMERCIAL AIR TAXI-PASSG S-D	COMMERCIAL, AGE 36, 3600 TOTAL HOURS, 225 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - S. FRANCISCO INTL DEPARTURE POINT INTENDED DESTINATION S. FRANCISCO, CALIF CARSON CITY, NEV TYPE OF ACCIDENT COLLIDED WITH PARKED AIRCRAFT LAST ENROUTE STOP S. LAKE TAHOE, CALIF PHASE OF OPERATION TAXI OTHER PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING FACTOR(S) PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL DEFICIENCY, COMPANY MAINTAINED EOPMT, SERVICES, REGULATION WEATHER - UNFAVORABLE WIND CONDITIONS WEATHER BRIEFING - UNKNOWN/NOT REPORTED WEATHER FORECAST - UNKNOWN/NOT REPORTED SKY CONDITION CLEAR VISIBILITY AT ACCIDENT SITE 5 OR OVER OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE TEMPERATURE-F 49 WIND VELOCITY-KNOTS 17 TYPE OF FLIGHT PLAN NONE CEILING AT ACCIDENT SITE UNLIMITED PRECIPITATION AT ACCIDENT SITE NONE RELATIVE BEARING OF WIND RIGHT CROSS WIND 068-112 DEGREES WIND DIRECTION-DEGREES 270 TYPE OF WEATHER CONDITIONS VFR REMARKS- RUDDER LCK NOT INSTALLED BY PREV CREW, CAUSED BRK AIR PRESS TO BLEED OFF. HIT DH125, N88GA, SUBST DMG.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
5-0017	7/17/74 TIME - 2250	BUFFALO,NY	DASSAULT FALCON N9FE DAMAGE-MINOR	CR- 0 0 3 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	AIRLINE TRANSPORT, AGE 43, 9242 TOTAL HOURS, 607 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - GREATER BUFFALO DEPARTURE POINT INTENDED DESTINATION BUFFALO,NY CHICAGO,ILL TYPE OF ACCIDENT PHASE OF OPERATION AIRFRAME FAILURE ON GROUND TAKEOFF RUN  PROBABLE CAUSE(S) AIRFRAME - LANDING GEAR WHEELS,TIRES,AXLES MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE REMARKS- AIRCRAFT TIRES FAILED WHEN RECAP BEAD SEPARATED.PIECES OF TIRE DAMAGED RIGHT FLAP.						
5-0018	6/29/74 TIME - 1739	BETHEL,ALAS	CESSNA 310L N2265F DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 3	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 29, 2750 TOTAL HOURS, 100 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - BETHEL DEPARTURE POINT INTENDED DESTINATION MCGRATH,ALAS ST MARYS,ALAS TYPE OF ACCIDENT PHASE OF OPERATION GEAR COLLAPSED LANDING LEVEL OFF/TOUCHDOWN  PROBABLE CAUSE(S) AIRFRAME - LANDING GEAR GEAR LOCKING MECHANISM MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE REMARKS- UNSAFE DOWN IND,VISUAL CHK,GR APPEARED LOCKED.R GR COLLAPSED ON T/D.BOLT BRKN,DOWNLOCK MECH.						
5-0019	6/29/74 TIME - 1630	SAND PT,ALAS	AERO COMDR 500-S N5075E DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 43, 7900 TOTAL HOURS, 64 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - SAND POINT DEPARTURE POINT INTENDED DESTINATION DUTCH HARBOR,ALAS SAND PT,ALAS TYPE OF ACCIDENT PHASE OF OPERATION GEAR RETRACTED TAXI FROM LANDING  PROBABLE CAUSE(S) PILOT IN COMMAND - INADVERTENTLY RETRACTED GEAR FACTOR(S) AIRFRAME - LANDING GEAR SWITCHES,LEVERS,CRANKING MECHANISM,ETC. REMARKS- RAISED GR INSTEAD OF FLAPS.DEFFECTIVE SQUAT SWITCH ALLOWED GR TO RETRACT ON GROUND.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
5-0020	4/8/74 TIME - 1410	NR CHARLESTOWN, SC	GRUMMAN G-159 N8E DAMAGE-MINOR	CR- 0 0 2 PX- 0 0 1	COMMERCIAL CTR PASSG-D	AIRLINE TRANSPORT, AGE UNK/NR, 15910 TOTAL HOURS, 1481 IN TYPE, INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT</p> <p>DEPARTURE POINT INTENDED DESTINATION HOMESTEAD, FLA WASHINGTON, DC</p> <p>TYPE OF ACCIDENT PHASE OF OPERATION UNCONTROLLED ALTITUDE DEVIATIONS IN FLIGHT UNCONTROLLED DESCENT</p> <p>PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO USE OR INCORRECTLY USED MISC. EQUIPMENT PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT PILOT IN COMMAND - SPATIAL DISORIENTATION</p> <p>FACTOR(S) SYSTEMS - ELECTRICAL SYSTEM SWITCHES SYSTEMS - ELECTRICAL SYSTEM INVERTER INSTRUMENTS/EQUIPMENT AND ACCESSORIES - FLIGHT AND NAVIGATION INSTRUMENTS ATTITUDE GYRO EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT SUSPECTED OR KNOWN AIRCRAFT DAMAGE SUSPECTED MECHANICAL DISCREPANCY</p> <p>REMARKS- RADAR INOP SWITCHED FM B INVERTER TO A. ROCKER TYPE SWITCH NOT IN A PSN. FLT DIRECTORS TUMBLED.</p>						
5-0021	8/15/74 TIME - 0900	CARSON CITY, NEV	PIPER PA-28 N1484T DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 28, 33 TOTAL HOURS, 2 IN TYPE, NOT INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT</p> <p>NAME OF AIRPORT - CARSON CITY APRT</p> <p>DEPARTURE POINT INTENDED DESTINATION CARSON CITY, NEV LOCAL</p> <p>TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH AUTOMOBILE TAXI FROM LANDING</p> <p>PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED CLEARANCE</p> <p>FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT FACILITIES OTHER</p> <p>REMARKS- TAXI ON RAMP TO PICK UP INST FOR DUAL X-C. TAXIWAY CLOSED DUE CONSTRUCTION. WG HIT FUEL TRUCK.</p>						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
5-0022	7/14/74	LINDEN, COLO	CESSNA 177 N2319Y DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 46, 1019 TOTAL HOURS, 400 IN TYPE, NOT INSTRUMENT RATED.
CLASSIFIED AS INCIDENT DEPARTURE POINT PLAINVILLE, KANS TYPE OF ACCIDENT AIRFRAME FAILURE IN FLIGHT INTENDED DESTINATION DENVER, COLO PHASE OF OPERATION IN FLIGHT NORMAL CRUISE PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED FACTOR(S) AIRFRAME - FUSELAGE WINDSHIELDS, WINDOWS, CANOPIES MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT SUSPECTED OR KNOWN AIRCRAFT DAMAGE DOOR/PANEL OPEN REMARKS- WINDSHIELD FAILED FOR UNDETERMINED REASON. DOOR BLEW OPEN. LNDD SAFELY WITH NO FURTHER DMG.						
5-0023	8/13/74	CULPEPER, VA	BEECH V35 N9007V DAMAGE-MINOR	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL TRAINING	ATR, FLIGHT INSTR., AGE 31, 4090 TOTAL HOURS, 40 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - CULPEPER MUNI DEPARTURE POINT WASHINGTON, DC TYPE OF ACCIDENT WHEELS-UP INTENDED DESTINATION RETURN LAST ENROUTE STOP CULPEPER, VA PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) POWERPLANT - EXHAUST SYSTEM OTHER MISCELLANEOUS ACTS, CONDITIONS - DISCONNECTED MISCELLANEOUS ACTS, CONDITIONS - FATIGUE FRACTURE EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP. SMOKE IN COCKPIT FUMES IN CABIN REMARKS- WASTEGATE EXHAUST ELBOW ASMBLY P/N 286535-074-137. ELECT SYS SHRTD. NO TIME TO COMPLETE MAN GR EXT.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
5-0024	8/2/74 TIME - 0710	WASHINGTON,DC	PIPER PA-34 N1067U DAMAGE-MINOR	CR- 0 0 2 PX- 0 0 3	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 26, 3200 TOTAL HOURS, 125 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - WASHINGTON NATL DEPARTURE POINT INTENDED DESTINATION WASHINGTON,DC ROCKY MOUNT,NC TYPE OF ACCIDENT PHASE OF OPERATION AIRFRAME FAILURE IN FLIGHT IN FLIGHT CLIMB TO CRUISE  PROBABLE CAUSE(S) PERSONNEL - PRODUCTION-DESIGN-PERSONNEL POOR/INADEQUATE DESIGN AIRFRAME - FUSELAGE DOORS,DOOR FRAMES MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT REMARKS- BAGGAGE DOOR LATCH PLATE,FWD LATCH ROD ATTACHMENT,BENT.ROD SLID THRU HOLE. LOCK PIN NOT IN PLACE.						

5-0025	9/9/74 TIME - 0945	FLUSHING,NY	BEECH 99 N10345 DAMAGE-MINOR	CR- 0 0 2 PX- 0 0 7	COMMERCIAL AIR TAXI-PASSG S-D	AIRLINE TRANSPORT, AGE UNK/NR, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - LA GUARDIA DEPARTURE POINT INTENDED DESTINATION NEW YORK,NY PORTLAND,ME TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH AIRPORT HAZARD TAKEOFF RUN  PROBABLE CAUSE(S) PERSONNEL - AIRPORT SUPERVISORY PERSONNEL IMPROPER MAINTENANCE-AIRPORT FACILITIES AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS OTHER FACTOR(S) AIRFRAME - LANDING GEAR MAIN GEAR-SHOCK ABSORBING ASSY,STRUTS,ATTACHMENTS,ETC. MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE MISCELLANEOUS ACTS,CONDITIONS - LANDED ON FOAMED RUNWAY EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT SUSPECTED OR KNOWN AIRCRAFT DAMAGE REMARKS- HIT DMGD EXPANSION PLATE ON RWY.CONTINUED TKOF, LNDD JFK WITHOUT FURTHER DMG.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
5-0026	9/22/74 TIME - 1545	N. PHILADELPHIA, PA	CESSNA 182 N3706D DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 46, 579 TOTAL HOURS, 521 IN TYPE, NOT INSTRUMENT RATED.
CLASSIFIED AS INCIDENT						
NAME OF AIRPORT - N PHILADELPHIA						
DEPARTURE POINT INTENDED DESTINATION						
HORNS POINT, MD N. PHILADELPHIA, PA						
TYPE OF ACCIDENT						
COLLIDED WITH PARKED AIRCRAFT						
PHASE OF OPERATION						
TAXI FROM LANDING						
PROBABLE CAUSE(S)						
PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS						
PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT						
REMARKS- STRUCK UNATTENDED PARKED AIRCRAFT. SUB DMG PIPER N56616. PLT ATTN DIVERTED TO HOLE IN TAXIWAY.						
5-0027	9/14/74 TIME - 0930	MOBILE, ALA	BEECH B50 N9664R DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	AIRLINE TRANSPORT, AGE 52, 18000 TOTAL HOURS, 2000 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT						
NAME OF AIRPORT - MOBILE AEROSPACE						
DEPARTURE POINT INTENDED DESTINATION						
MOBILE, ALA LOCAL						
TYPE OF ACCIDENT						
COLLIDED WITH PARKED AIRCRAFT						
PHASE OF OPERATION						
TAXI GROUND TAXI TO TAKEOFF						
PROBABLE CAUSE(S)						
PILOT IN COMMAND - MISJUDGED CLEARANCE						
PILOT IN COMMAND - TAXIED/PARKED WITHOUT PROPER ASSISTANCE						
REMARKS- COLLIDED WITH UNATTENDED PARKED ACFT PA-28 N55985 WHILE DEPT RAMP.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
5-0028	10/16/74 TIME - 0950	OCEAN CITY, MD	PIPER PA-34 N15686 DAMAGE-MINOR	CR- 0 0 2 PX- 0 0 3	COMMERCIAL AIR TAXI-PASSG S-D	AIRLINE TRANSPORT, AGE 49, 8126 TOTAL HOURS, 1212 IN TYPE, INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT</p> <p>NAME OF AIRPORT - OCEAN CITY DEPARTURE POINT INTENDED DESTINATION GEORGETOWN, DEL OCEAN CITY, MD</p> <p>TYPE OF ACCIDENT PHASE OF OPERATION OVERSHOOT LANDING LEVEL OFF/TOUCHDOWN GEAR COLLAPSED LANDING ROLL</p> <p>PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND MISCELLANEOUS ACTS, CONDITIONS - HYDROPLANING ON WET RUNWAY AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS WET RUNWAY</p> <p>FACTOR(S) WEATHER - SUDDEN WINDSHIFT WEATHER - RAIN MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE WEATHER BRIEFING - UNKNOWN/NOT REPORTED WEATHER FORECAST - UNKNOWN/NOT REPORTED</p> <p>SKY CONDITION CEILING AT ACCIDENT SITE BROKEN/LOWER SCATTERED 1200 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 4 MILES OR LESS RAIN OBSTRUCTIONS TO VISION AT ACCIDENT SITE WIND DIRECTION-DEGREES DUST 170 WIND VELOCITY-KNOTS TYPE OF WEATHER CONDITIONS 8 VFR TYPE OF FLIGHT PLAN VFR</p> <p>REMARKS- APRX 100FT AFTR T/D PLT TRIED SLOWING THE ACFT FOUND HE WAS UN STOP. WIND BFR ACDT 170DEG AFTR 320.</p>						
5-0029	10/7/74 TIME - 0845	SOUTHERN PINES, NC	DASSAULT FALCON N4350M DAMAGE-MINOR	CR- 0 0 2 PX- 0 0 9	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 43, 8300 TOTAL HOURS, 3300 IN TYPE, INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT</p> <p>NAME OF AIRPORT - SOUTHERN PINES DEPARTURE POINT INTENDED DESTINATION AKRON, OHIO SOUTHERN PINES, NC</p> <p>TYPE OF ACCIDENT PHASE OF OPERATION WHEELS-UP LANDING LEVEL OFF/TOUCHDOWN</p> <p>PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO EXTEND LANDING GEAR</p> <p>REMARKS- GR SELECTOR FOUND IN UP PSN.</p>						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
5-0030	5/16/74 TIME - 1443	NR.CHICAGO,ILL	SWEARINGEN SA226T N423S DAMAGE-MINOR	CR- 0 0 2 PX- 0 0 13	COMMERCIAL AIR TAXI-PASSG S-D	AIRLINE TRANSPORT, AGE 35, 11500 TOTAL HOURS, 490 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT DEPARTURE POINT CHICAGO,ILL INTENDED DESTINATION LAFAYETTE,IND TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE PROPELLER PHASE OF OPERATION IN FLIGHT NORMAL CRUISE PROBABLE CAUSE(S) PERSONNEL - PRODUCTION-DESIGN-PERSONNEL SUBSTANDARD QUALITY CONTROL POWERPLANT - PROPELLER SYSTEM BLADES MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT SUSPECTED OR KNOWN AIRCRAFT DAMAGE PROP/ENGINE VIBRATION REMARKS- FATIGUE CRACK ORIGD AT SMALL STRESS CORROSION CRACK.144HRS.BLADE HIT PARKED AUTO.						
5-0031	8/14/74 TIME - 0817	WEST CHICAGO,ILL	BEECH B95A N1247Z DAMAGE-MINOR	CR- 0 0 2 PX- 0 0 1	INSTRUCTIONAL CHECK	PRIVATE, AGE 41, 700 TOTAL HOURS, 200 IN TYPE, NOT INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - DUPAGE COUNTY DEPARTURE POINT WEST CHICAGO,ILL INTENDED DESTINATION LOCAL TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION PHASE OF OPERATION TAKEOFF RUN COLLISION WITH GROUND/WATER UNCONTROLLED TAKEOFF ABORTED PROBABLE CAUSE(S) CHECK PILOT - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC. MISCELLANEOUS ACTS,CONDITIONS - SIMULATED CONDITIONS PILOT IN COMMAND - FAILED TO ABORT TAKEOFF PILOT IN COMMAND - SPONTANEOUS-IMPROPER ACTION EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP.T. REMARKS- EQUIPPED WITH THROW-OVR YOKE.CHK PLT CUT MIXT ON ROLL,PLT ATMTD TKOF,CHK PLT ABORTED TKOF.GR DMGD.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
5-0032	9/16/74 TIME - 1600	DELAWARE, OHIO	PIPER PA-28 N43559 DAMAGE-MINOR	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL. INSTR., AGE 25, 704 TOTAL HOURS, 81 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - DELAWARE MUNI DEPARTURE POINT DELAWARE, OHIO TYPE OF ACCIDENT HARD LANDING PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) DUAL STUDENT - IMPROPER LEVEL OFF PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - TOUCH AND GO LANDING REMARKS- L REAR BOTTOM MOTOR MOUNT BENT.						
5-0033	11/3/74 TIME - 1300	ORCHARD PARK, NY	CESSNA 140 N89624 DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PRACTICE	COMMERCIAL, FL. INSTR., AGE 43, 800 TOTAL HOURS, 16 IN TYPE, NOT INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - ORCHARD PARK DEPARTURE POINT ORCHARD PARK, NY INTENDED DESTINATION LOCAL TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION NOSE OVER/DOWN PHASE OF OPERATION TAKEOFF INITIAL CLIMB LANDING ROLL PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION INADEQUATE MAINTENANCE AND INSPECTION POWERPLANT - FUEL SYSTEM CARBURETOR MISCELLANEOUS ACTS, CONDITIONS - IMPROPERLY SECURED PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP.						
REMARKS- MIXT CTL SAFETY WIRED TO FULL RICH. WIRE BROKE MIXT MOVED TO APT 1/4 OPEN. BRAKED HARD, ACFT INVERTED						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
5-0034	4/24/74 TIME - 0745	RONKONKOMA,NY	CESSNA 172 N503E DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL TRAINING	STUDENT, AGE 25, 21 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - ISLIP MACARTHUR DEPARTURE POINT INTENDED DESTINATION RONKONKOMA,NY LOCAL TYPE OF ACCIDENT PHASE OF OPERATION GROUND-WATER LOOP-SWERVE LANDING ROLL COLLIDED WITH TREES LANDING ROLL  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER LEVEL OFF PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS OTHER REMARKS- L WING HIT PINE TREE.						
5-0035	12/10/74 TIME - 1210	PHILADELPHIA,PA	BEECH G18S N730M DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 32, 6892 TOTAL HOURS, 4750 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - PHILADELPHIA INTL DEPARTURE POINT INTENDED DESTINATION BALTIMORE,MD RETURN TYPE OF ACCIDENT LAST ENROUTE STOP WHEELS-UP TETERBORO,NJ PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN  PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO EXTEND LANDING GEAR FACTOR(S) PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND REMARKS- GR WARN HORN SOUNDED WHEN PWR PULLED DRG FLARE.						
5-0036	11/11/74 TIME - 1829	SYRACUSE,NY	BEECH E18S N924W DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL.INSTR., AGE 22, 2150 TOTAL HOURS, 1700 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - SYRACUSE HANCOCK DEPARTURE POINT INTENDED DESTINATION CENTRAL SQUARE,NY SYRACUSE,NY TYPE OF ACCIDENT PHASE OF OPERATION WHEELS-UP LANDING LEVEL OFF/TOUCHDOWN  PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO EXTEND LANDING GEAR FACTOR(S) PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT REMARKS- PLT S-TURNED ON FINAL TO MAINTAIN POSITION BEHIND CESSNA 172.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
5-0037	11/30/74 TIME - 1141	KNOXVILLE, TENN	CESSNA 3100 N75480 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 52, 3825 TOTAL HOURS, 70 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - MCGHEE TYSON DEPARTURE POINT KNOXVILLE, TENN INTENDED DESTINATION GRUNDY, VA TYPE OF ACCIDENT WHEELS-UP PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) AIRFRAME - FUSELAGE WHEEL WELL DOORS AIRFRAME - LANDING GEAR NOSEWHEEL ASSEMBLIES FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - PREVIOUS DAMAGE MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE REMARKS- DAMAGED NOSE GEAR DOOR RESTRICTED MOVEMENT OF THE NOSE GR. THE BELLCRANK AND RETRACT ROD END BROKE.						
5-0038	6/29/74 TIME - 1010	PINGO, ALAS	VOLPAR C-45H N355V DAMAGE-MINOR	CR- 0 0 2 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	ATR, FLIGHT INSTR., AGE UNK/NR, 5966 TOTAL HOURS, 541 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - PINGO DEPARTURE POINT LUPINE, ALAS INTENDED DESTINATION RETURN TYPE OF ACCIDENT GEAR COLLAPSED LAST ENROUTE STOP PINGO, ALAS PHASE OF OPERATION LANDING ROLL PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER LEVEL OFF FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE						

FOREIGN REGISTERED AIRCRAFT BRIEFS



NATIONAL TRANSPORTATION SAFETY BOARD

WASHINGTON, D. C. 20594

BRIEFS OF ACCIDENTS/INCIDENTS

FOREIGN REGISTERED AIRCRAFT

SUPPLEMENTAL ISSUE

1974

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
A-0001	1/19/74 TIME - 1908	MIAMI, FLA	BRITISH AC 1-11 TI-LRI DAMAGE-NONE	CR- 0 0 4 PX- 0 1 87	SCHED INTERNATL PASSG SRV	AIRLINE TRANSPORT, AGE UNK/NR, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - MIAMI INTL OPERATOR - OTHER DEPARTURE POINT INTENDED DESTINATION MIAMI, FLA SAN JOSE,COSTA RICO TYPE OF ACCIDENT PHASE OF OPERATION MISCELLANEOUS STATIC PARKED-ENGINES NOT OPERATING  PROBABLE CAUSE(S) PERSONNEL - MISCELLANEOUS-PERSONNEL PASSENGER REMARKS- APPARENTLY INTOXICATED PSGR FELL THRU CURTAIN & GALLEY DOOR.EXPIRED 1/28/74.						
A-0002	2/7/74 TIME - 2307	LOS ANGELES,CALIF	DOUGLAS DC-8 F-BOLH DAMAGE-SUBSTANTIAL	CR- 0 0 9 PX- 0 1151	SCHED INTERNATL PASSG SRV	AIRLINE TRANSPORT, AGE 44, 11000 TOTAL HOURS, 7000 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - LOS ANGELES INTL OPERATOR - OTHER DEPARTURE POINT INTENDED DESTINATION LOS ANGELES,CALIF PAPEETE,TAHITI TYPE OF ACCIDENT PHASE OF OPERATION AIRFRAME FAILURE ON GROUND TAKEOFF RUN FIRE OR EXPLOSION ON GROUND TAKEOFF RUN  PROBABLE CAUSE(S) AIRFRAME - LANDING GEAR BRAKING SYSTEM (NORMAL SYSTEM) MISCELLANEOUS ACTS,CONDITIONS - OVERHEATED FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE MISCELLANEOUS ACTS,CONDITIONS - FIRE IN BRAKES,WHEEL ASSEMBLY,WHEEL WELL FIRE AFTER IMPACT REMARKS- NR 6 TIRE DEFLATED DRG TAXI.WORN BRAKE SYS.NR 5 TIRE BLEW DRG TKOF RUN.L WHEEL WELL FIRE.ABORT.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
A-0004	7/11/74 TIME - 2205	NEW YORK, NY	BOEING 747 OO-SGB DAMAGE-SUBSTANTIAL	CR- 0 0 17 PX- 0 0185	MIL CONTRACT PASSG INTL	AIRLINE TRANSPORT, AGE 56, 23739 TOTAL HOURS, 1794 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - JOHN F KENNEDY OPERATOR - SABENA DEPARTURE POINT INTENDED DESTINATION NEW YORK, NY BRUSSELS, BELGUIM TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH BUILDING(S) TAXI OTHER PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS OTHER REMARKS- NR 4 ENG FAILED TO START. RETURNED TO TERMINAL. STRUCK EXTENDED JETWAY.						
A-0005	5/16/74 TIME - 2045	JAMAICA, NY	DOUGLAS DC-8 N8960 DAMAGE-NONE	CR- 0 0 8 PX- 0 0224 OT- 1 0 0	SCHED INTERNATL PASSG SRV	CERTIFICATE OTHER, AGE 36, 7992 TOTAL HOURS, 1245 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - JFK INTERNATIONAL OPERATOR - OTHER DEPARTURE POINT INTENDED DESTINATION JAMAICA, NY KEFLAVIK, ICELAND TYPE OF ACCIDENT PHASE OF OPERATION MISCELLANEOUS TAXI OTHER PROBABLE CAUSE(S) PERSONNEL - MISCELLANEOUS-PERSONNEL GROUND CREWMAN MISCELLANEOUS ACTS, CONDITIONS - DISREGARD OF GOOD OPERATING PRACTICE FACTOR(S) PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL INADEQUATE SUPERVISION/TRAINING OF RAMP CREWS REMARKS- GND CREWMAN RIDING ON TOW BAR, FELL UNDER NOSEWHEEL DRG PUSHBACK. ICELANDIC AIRLINES, INC.						
C-0001	10/21/74 TIME - 0030	NR. SEATTLE, WASH	DOUGLAS DC-8 OYKTE DAMAGE-NONE	CR- 0 0 11 PX- 1 0 93	SCHED INTERNATL PASSG SRV	AIRLINE TRANSPORT, AGE UNK/NR, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT OPERATOR - SAS DEPARTURE POINT INTENDED DESTINATION SEATTLE, WASH COPENHAGEN, DENMARK TYPE OF ACCIDENT PHASE OF OPERATION MISCELLANEOUS IN FLIGHT NORMAL CRUISE PROBABLE CAUSE(S) MISC - PAX DIED OF NATURAL CAUSES.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
E-0001	3/20/74 TIME - 1640	PT PENINSULA,NY	PIPER PA-23 CF-SKL DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL.INSTR., AGE 26, 899 TOTAL HOURS, 8 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT BEDFORD,MASS	INTENDED DESTINATION KINGSTON,ONTARIO,CAN	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING ROLL		
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH DITCHES				
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 MISCELLANEOUS ACTS,CONDITIONS - FAILURE OF TWO OR MORE ENGINES TERRAIN - OTHER COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-2 ENGINES EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- NO EVIDENCE OF FUEL IN EITHER MN TANK.ACFT REFUELED AFTER CARGO LOADED.LNDD ON RD.UN TO MAKE TURN.						
E-0002	3/17/74 TIME - 1345	OCALA,FLA	CESSNA 180 PT-JLT DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	MISCELLANEOUS FERRY	CERTIFICATE OTHER, AGE 40, 2500 TOTAL HOURS, 8 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - OCALA MUNI DEPARTURE POINT GREENWOOD,MISS	INTENDED DESTINATION OCALA,FLA	PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN		
		TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE				
PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL FACTOR(S) WEATHER - UNFAVORABLE WIND CONDITIONS						
		SKY CONDITION CLEAR	CEILING AT ACCIDENT SITE UNLIMITED			
		VISIBILITY AT ACCIDENT SITE 5 OR OVER	PRECIPITATION AT ACCIDENT SITE NONE			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE	RELATIVE BEARING OF WIND RIGHT CROSS WIND 068-112 DEGREES			
		WIND DIRECTION-DEGREES 290	WIND VELOCITY-KNOTS 16			
		TYPE OF WEATHER CONDITIONS VFR	TYPE OF FLIGHT PLAN NONE			
REMARKS- WND GUSTING 20K.AS PLT ROTATED HE NOTED L CROSS WIND,CORRECTED WITH RUDDER AND L BRAKE.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
E-0003	5/2/74 TIME - 0945	HONOBIA, OKLA	CESSNA 180 VP-HCC DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL. INSTR., AGE 41, 8000 TOTAL HOURS, 20 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - CHRIST'S 40 ACRES DEPARTURE POINT INTENDED DESTINATION CANTON, TEX HONOBIA, OKLA TYPE OF ACCIDENT PHASE OF OPERATION OVERSHOOT LANDING LEVEL OFF/TOUCHDOWN COLLIDED WITH TREES LANDING GO-AROUND  PROBABLE CAUSE(S) PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - POORLY PLANNED APPROACH AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS OTHER REMARKS- PLT LNDED LONG ON MARGINAL STRIP.						
E-0004	4/27/74 TIME - 0925	NR. BUTTE, MONT	PIPER PA-28 CF-XCN DAMAGE-DESTROYED	CR- 1 1 0 PX- 1 1 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	CERTIFICATE OTHER, AGE 19, 110 TOTAL HOURS, 53 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION BUTTE, MONT DILLON, MONT TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER UNCONTROLLED IN FLIGHT UNCONTROLLED DESCENT  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED WEATHER - DOWNDRAFT, UPDRAFTS FACTOR(S) PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL WEATHER - HIGH DENSITY ALTITUDE TERRAIN - HIGH OBSTRUCTIONS WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT MISSING AIRCRAFT - LATER RECOVERED  SKY CONDITION CEILING AT ACCIDENT SITE BROKEN 4500 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 5 OR OVER SNOW SHOWERS OBSTRUCTIONS TO VISION AT ACCIDENT SITE TEMPERATURE-F NONE 39 WIND DIRECTION-DEGREES WIND VELOCITY-KNOTS 280 14 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN VFR VFR REMARKS- CLIMBED TO 10500FT TO CLEAR MTNS. ACFT NEAR MAX GWT. CRASHED IN MTNS, 8450FT LVL. RCVRD 4/28/74.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
E-0005	6/4/74 TIME - 1120	NR.CAJON PASS,CALIF	DEHAVILLAND DH83 ZK-ASP DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	CERTIFICATE OTHER, AGE 26, 500 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - STONE BASIN RANCH DEPARTURE POINT INTENDED DESTINATION LANCASTER,CALIF RIVERSIDE,CALIF TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH OBJECT LANDING LEVEL OFF/TOUCHDOWN  PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED CLEARANCE PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS OTHER WEATHER - OTHER WEATHER BRIEFING - NO BRIEFING RECEIVED EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT LOW ON FUEL ADVERSE/UNFAVORABLE WEATHER  SKY CONDITION CEILING AT ACCIDENT SITE CLEAR UNLIMITED VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 5 OR OVER NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE TYPE OF WEATHER CONDITIONS NONE VFR TYPE OF FLIGHT PLAN NONE REMARKS- COLLIDED WITH HI BRUSH BESIDE RWY.LND DUE POOR ENROUTE VSBY.						
E-0006	4/18/74 TIME - 1700	LAURIER,WASH	PIPER PA-28 CF-ELV DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	CERTIFICATE OTHER, AGE 35, 175 TOTAL HOURS, 105 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - AVEY FIELD DEPARTURE POINT INTENDED DESTINATION LAURIER,WASH LOCAL TYPE OF ACCIDENT PHASE OF OPERATION GROUND-WATER LOOP-SWERVE TAKEOFF ABORTED GEAR COLLAPSED TAKEOFF ABORTED  PROBABLE CAUSE(S) PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION MISCELLANEOUS ACTS,CONDITIONS - INTENTIONAL GROUND-WATER-LOOP-SWERVE FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS OTHER REMARKS- PLT ABORTED TAKEOFF TOO LATE.ATTEMPT GRNDLOOP,RAN OFF RUNWAY,NOSED OVER.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
E-0007	9/21/74 TIME - 1015	FAIRBURY, NEBR	PIPER PA-24 C-GCCU DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS FERRY	CERTIFICATE OTHER, AGE 54, 16000 TOTAL HOURS, 200 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - FAIRBURY DEPARTURE POINT INTENDED DESTINATION TULSA, OKLA FAIRBURY, NEBR 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 PERSONNEL - MAINTENANCE, SERVICING, INSPECTION INADEQUATE MAINTENANCE AND INSPECTION AIRFRAME - LANDING GEAR NORMAL RETRACTION/EXTENSION ASSEMBLY MISCELLANEOUS ACTS, CONDITIONS - IMPROPER ALIGNMENT/ADJUSTMENT REMARKS- LANDING GEAR WOULD NOT FULLY EXTEND AND LOCK DRG NML EXTN PROCEDURE. JACK SCREW APRX 1 TURN SHORT.						
E-0008	10/28/74 TIME - 1540	PORT HURON, MICH	PIPER PA-30 CF-VLE DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 34, 443 TOTAL HOURS, 106 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - ST CLAIR CO DEPARTURE POINT INTENDED DESTINATION ONTARIO, CAN FLINT, MICH TYPE OF ACCIDENT LAST ENROUTE STOP UNDERSHOOT PORT HURON, MICH COLLIDED WITH AIRPORT HAZARD PHASE OF OPERATION LANDING FINAL APPROACH LANDING LEVEL OFF/TOUCHDOWN  PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS OTHER REMARKS- NOSEWHEEL CTCTD RWY LIP.						
E-0009	10/28/74 TIME - 1210	THOMASVILLE, GA	PIPER PA-28 CG-MRN DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	CERTIFICATE OTHER, AGE 37, 112 TOTAL HOURS, 34 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION ORLANDO, FLA CALLAWAY, ALA TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT CLIMB TO CRUISE GEAR COLLAPSED LANDING ROLL  PROBABLE CAUSE(S) POWERPLANT - ENGINE STRUCTURE MASTER AND CONNECTING RODS MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE TERRAIN - ROUGH/UNEVEN COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- SHEAR LIKE FAILURE NR 4 CONNECT ROD CAP BOLT.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
E-0010	12/30/74 TIME - 1324	BUENA PARK,CALIF	CESSNA 182G C-GWBF DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 23, 142 TOTAL HOURS, 16 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - FULLERTON				
		DEPARTURE POINT	INTENDED DESTINATION			
		BAKERSFIELD,CALIF	FULLERTON,CALIF			
		TYPE OF ACCIDENT			PHASE OF OPERATION	
		OVERSHOOT			LANDING LEVEL OFF/TOUCHDOWN	
		STALL MUSH			LANDING GO-AROUND	
PROBABLE CAUSE(S)						
PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED						
PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND						
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED						
E-0011	12/29/74 TIME - 1830	WARNER,S DAK	CESSNA 172F CF-JIE DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	CERTIFICATE OTHER, AGE 22, 94 TOTAL HOURS, 43 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT	INTENDED DESTINATION			
		DODGE CITY,KANS	ABERDEEN,S DAK			
		TYPE OF ACCIDENT			PHASE OF OPERATION	
		ENGINE FAILURE OR MALFUNCTION			IN FLIGHT DESCENDING	
		COLLIDED WITH WIRES/POLES			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						
TERRAIN - HIGH OBSTRUCTIONS						
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE						
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
REMARKS- NIGHT FORCED LDG,STRUCK WIRES DRG ATMTD LDG ON A ROAD.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
E-0012	12/24/74 TIME - 1630	WARD, COLO	AMER AVCO AA5 CF-FGZ DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	CERTIFICATE OTHER, AGE 24, 1700 TOTAL HOURS, 101 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT BOULDER, COLO		INTENDED DESTINATION GRAND JUNCTION, COLO		PHASE OF OPERATION IN FLIGHT OTHER		
TYPE OF ACCIDENT STALL MUSH						
PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED						
FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G. TERRAIN - HIGH OBSTRUCTIONS WEATHER - DOWNDRAFT, UPDRAFTS WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT						
SKY CONDITION CLEAR		CEILING AT ACCIDENT SITE UNLIMITED		PRECIPITATION AT ACCIDENT SITE NONE		
VISIBILITY AT ACCIDENT SITE 5 OR OVER		TEMPERATURE-F 4		WIND VELOCITY-KNOTS 20		
OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE		TYPE OF FLIGHT PLAN NONE				
WIND DIRECTION-DEGREES 270						
TYPE OF WEATHER CONDITIONS VFR						
REMARKS- ACFT OVR WGT ABOUT 137 LBS. TRIED TO OUTCLIMB MTN RIDGE.						

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EMBRY-RIDDLE AERO.U. DAYTONA BEACH



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