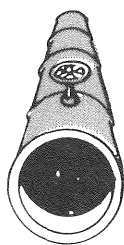
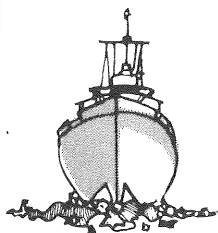
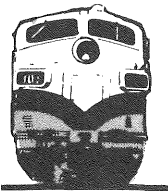
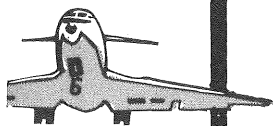


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NATIONAL TRANSPORTATION SAFETY BOARD



WASHINGTON, D.C. 20594

AIRCRAFT ACCIDENT/INCIDENT REPORTS

BRIEF FORMAT
SUPPLEMENTAL ISSUE
1979 ACCIDENTS

NTSB-BA-81-4

c.1

UNITED STATES GOVERNMENT

TECHNICAL REPORT DOCUMENTATION PAGE

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D-0001
E-0001 thru E-0018

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.

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 1979 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. 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 1979.

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

U.S. GENERAL AVIATION

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

U.S. AIR CARRIER

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

DEFINITIONS

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

Aircraft Accident

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

Fatal Injury

Any injury which results in death within 30 days of the accident.

Serious Injury

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

Substantial Damage

1) Except as provided in subparagraph (2) of this paragraph, substantial damage means damage or structural failure which adversely affects the structural strength, performance, or flight characteristics of the aircraft, and which would normally require major repair or replacement of the affected component.
2) Engine failure, damage limited to an engine, bent fairings or cowlings, dented skin, small punctured holes in the skin or fabric, ground damage to rotor or propeller blades, damage to landing gear, wheels, tires, flaps, engine accessories, brakes, or wingtips are not considered "substantial damage" for the purpose of this part.

EXPLANATORY NOTES

INJURY INDEX

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

TYPE OF ACCIDENT

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

Gear Collapsed

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

Gear Retracted

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

Airframe Failure

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

Engine Failure/Malfunction

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

PHASE OF OPERATION

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

KIND OF FLYING

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

1. Instructional Flying

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

EXPLANATORY NOTES

KIND OF FLYING

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.

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).

EXPLANATORY NOTES

CAUSES AND RELATED FACTORS

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

AIRCRAFT WEIGHT CATEGORIES

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

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

SMALL FIXED-WING AIRCRAFT

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

LARGE FIXED-WING AIRCRAFT

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

ROTORCRAFT

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

TYPES OF WEATHER CONDITIONS

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

LIST OF ABBREVIATIONS USED IN BRIEFS

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

U. S. GENERAL AVIATION TABLES

ANALYTIC TABLE

TYPE OF AIRCRAFT AND CONDITIONS OF LIGHT

CONDITIONS OF LIGHT

TYPE OF AIRCRAFT	CONDITIONS OF LIGHT						RECORDS	ACCIDENTS
	DAWN	DAYLIGHT	DUSK / TWILIGHT	NIGHT / DARK	NIGHT / BRIGHT	UNKNOWN / NOT REPORTED		
FIXED-WING	54 2976	153	402	65	34		3684	3646
HELICOPTER	4	254	5	9	2	1	275	274
GLIDER		53				1	54	54
BALLOON		18	1			1	20	20
BLIMP								
DIRIGIBLE								
ROCKET								
CONVERTIPLANE							13	13
GYROPLANE		12	1					
OTHER								
RECORDS	58 3313	160	411	67	37		4046	
ACCIDENTS	58 3277	158	410	67	37			4007

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	16	3	1	162	24				207	206
SOLO	167	3	3			1					174	173
CHECK	3	5	7	1		1	2				19	19
TRAINING	96	11	6			5	2				120	119
<u>NONCOMMERCIAL</u>												
PLEASURE	111	1362	355	46	1	130	34	1	24	5	2069	2061
PRACTICE	49	56	19	1		10	4				139	139
BUSINESS	6	139	66	6		29	4		1	1	252	251
CORPORATE/EXECUTIVE	1	4	28	14		21	14			1	83	83
AERIAL SURVEY		2	7	1		4					14	14
COMPANY FLIGHT												
OTHER		6	2			1			1	1	11	11
<u>COMMERCIAL</u>												
AERIAL APPLICATION		2	160	7	1	41	3				214	214
CROP CONTROL RELATED FLIGHT		1	143	5		26	3				178	178
FIRE CONTROL						1					1	1
FIRE CONTROL RELATED FLIGHT			1			1					2	2
AERIAL MAPPING/PHOTOGRAPHY			5	3		1	2				11	11
AERIAL ADVERTISING			9			4	1				14	14
POWER AND PIPELINE PATROL			5	2		1					8	8
FISH SPOTTING		3	2								5	5
AIR TAXI-PASSENGER OPERATIONS			75	22		26	19				142	142
AIR TAXI-CARGO OPERATIONS	1		31	15		16	14				77	76
CONSTRUCTION WORK			4	1		1					6	6
SCHEDULED PASSENGER SERVICE												
SCHEDULED CARGO SERVICE						1					1	1
INTRA-STATE CHARTER PASSG.			4	1							5	5
INTRA-STATE CHARTER CARGO.												
MILITARY CONTRACT-PASSENGER												
MILITARY CONTRACT-CARGO												
CHARTER CARGO-DOMESTIC			2			2					4	4
CHARTER PASSG-DOMESTIC			1			3	1				5	5
CHARTER-CARGO-INTERNATIONAL						1					1	1
CHARTER-PASSG-INTERNATIONAL												
OTHER		1	13	3		5					22	22
UNKNOWN/NOT REPORTED										1	1	1

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		
MISCELLANEOUS												
EXPERIMENTATION		1	1	1							3	3
TEST	1	15	24	8		3	2				53	52
DEMONSTRATION		1	10	1		3	1				16	16
FERRY	1	20	29	6	1	22	8		1		88	87
SEARCH AND RESCUE		3	3								6	6
AIR SHOW/AIR RACING				1			1				2	2
PARACHUTE JUMP		6	3			1					10	10
PARACHUTE JUMP-AIR SHOW			1								1	1
TOWING GLIDERS		1	4			1					6	6
SEEDING CLOUDS			1								1	1
HUNTING		3	4								7	7
POLICE PATROL		1	1			1					3	3
HIGHWAY TRAFFIC ADVISORY							1				1	1
ALL OTHER PUBLIC FLYING			1	2		1	1				5	5
OTHER	1	6	9	1		4	1		2	14	38	38
UNKNOWN/NOT REPORTED	1	4	4	2		1			1	8	21	21
RECORDS	438	1657	1059	153	4	531	142	1	30	31	4046	
ACCIDENTS	435	1651	1058	153	4	528	142	1	30	31		4007

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	20	18	27	142	207	206
SOLO	6	10	15	143	174	173
CHECK	4	2	4	9	19	19
TRAINING	13	8	18	81	120	119
<u>NONCOMMERCIAL</u>						
PLEASURE	395	211	338	1125	2069	2061
PRACTICE	17	9	14	99	139	139
BUSINESS	55	22	25	150	252	251
CORPORATE/EXECUTIVE	14	5	10	54	83	83
AERIAL SURVEY	3	2		9	14	14
COMPANY FLIGHT						
OTHER	2		2	7	11	11
<u>COMMERCIAL</u>						
AERIAL APPLICATION	17	40	52	105	214	214
CROP CONTROL RELATED FLIGHT	9	12	23	134	178	178
FIRE CONTROL		1			1	1
FIRE CONTROL RELATED FLIGHT	1			1	2	2
AERIAL MAPPING/PHOTOGRAPHY	5		1	5	11	11
AERIAL ADVERTISING	2	3	2	7	14	14
POWER AND PIPELINE PATROL	2	1	1	4	8	8
FISH SPOTTING				5	5	5
AIR TAXI-PASSENGER OPERATIONS	33	18	19	72	142	142
AIR TAXI-CARGO OPERATIONS	12	8	11	46	77	76
CONSTRUCTION WORK	2		1	3	6	6
SCHEDULED PASSENGER SERVICE						
SCHEDULED CARGO SERVICE	1				1	1
INTRA-STATE CHARTER PASSG.	2	1	1	1	5	5
INTRA-STATE CHARTER CARGO.						
MILITARY CONTRACT-PASSENGER						
MILITARY CONTRACT-CARGO						
CHARTER CARGO-DOMESTIC		1	2	1	4	4
CHARTER PASSG-DOMESTIC	2	1	1	1	5	5
CHARTER-CARGO-INTERNATIONAL				1	1	1
CHARTER-PASSG-INTERNATIONAL						
OTHER	3	2	5	12	22	22
UNKNOWN/NOT REPORTED				1	1	1

ANALYTIC TABLE
KIND OF FLYING BY INJURY INDEX
INJURY INDEX

<u>KIND OF FLYING</u>	<div style="display: flex; justify-content: space-around; text-align: center;"> <div>FATAL</div> <div>SERIOUS</div> <div>MINOR</div> <div>NONE</div> </div>				RECORDS	ACCIDENTS
<u>MISCELLANEOUS</u>						
EXPERIMENTATION	2	1			3	3
TEST	9	6	8	30	53	52
DEMONSTRATION	2	1	3	10	16	16
FERRY	14	3	10	61	88	87
SEARCH AND RESCUE	2	1		3	6	6
AIR SHOW/AIR RACING	1	1			2	2
PARACHUTE JUMP	1		3	6	10	10
PARACHUTE JUMP-AIR SHOW	1				1	1
TOWING GLIDERS				6	6	6
SEEDING CLOUDS				1	1	1
HUNTING	2	2	1	2	7	7
POLICE PATROL	1			2	3	3
HIGHWAY TRAFFIC ADVISORY		1			1	1
ALL OTHER PUBLIC FLYING	4			1	5	5
OTHER	13	2	4	19	38	38
UNKNOWN/NOT REPORTED	11			10	21	21
RECORDS	681	394	602	2369	4046	
ACCIDENTS	667	392	600	2349		4007

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	4	35	385	426	426
DAGGED WINGTIP POD OR FLOAT	1			7	8	8
WHEELS-UP LANDING		2	1	69	72	72
WHEELS-DOWN LANDING IN WATER				5	5	5
GEAR COLLAPSED			3	36	39	39
GEAR RETRACTED				38	38	38
HARD LANDING	1	17	29	206	253	253
NOSE OVER/DOWN		1	28	108	137	137
ROLL OVER	1		4	14	19	19
OVERSHOOT	3	8	19	128	158	158
UNDERSHOOT	10	17	20	76	123	123
<u>COLLISION BETWEEN AIRCRAFT</u>						
BOTH IN FLIGHT	27	4		19	50	25
ONE AIRBORNE	2		2	6	10	5
BOTH ON GROUND			1	16	17	9
<u>COLLISION WITH GROUND/WATER</u>						
CONTROLLED	117	30	31	60	238	238
UNCONTROLLED	110	7	5	5	127	127
<u>COLLIDED WITH</u>						
WIRES/POLES	30	30	36	53	149	149
TREES	76	34	33	59	202	202
RESIDENCE/S	3				3	3
BUILDING/S	1	1	1	6	9	9
FENCE, FENCEPOSTS		2	4	38	44	44
ELECTRONIC TOWERS	4		2	1	7	7
RUNWAY OR APPROACH LIGHTS			1	4	5	5
AIRPORT HAZARD				7	7	7
ANIMALS				9	9	9
CROP			3	9	12	12
FLAGMAN LOADER	1	1			2	2
DITCHES		3	11	28	42	42
SNOWBANK		2	3	47	52	52
PARKED AIRCRAFT (UNATTENDED)	2	1	1	32	36	36
AUTOMOBILE	1	3	3	8	15	15
DIRT BANK		3	2	27	32	32
OTHER	5	4	9	68	86	86
BIRD STRIKE	1		1	1	3	3

ANALYTIC TABLE

FIRST TYPE OF ACCIDENT BY INJURY INDEX

FIRST TYPE OF ACCIDENT	INJURY INDEX				RECORDS	ACCIDENTS
	FATAL	SERIOUS	MINOR	NONE		
<u>STALL</u>	46	31	19	38	134	134
SPIN	53	14	7	5	79	79
SPIRAL	6		1		7	7
MUSH	8	23	29	94	154	154
<u>FIRE OR EXPLOSION</u>						
IN FLIGHT	5	3	2	16	26	26
ON GROUND				5	5	5
<u>AIRFRAME FAILURE</u>						
IN FLIGHT	40	6	2	22	70	70
ON GROUND		1	1	6	8	8
ENGINE TEARAWAY			1		1	1
ENGINE FAILURE OR MALFUNCTION	80	114	239	551	984	984
<u>PROPELLER/ROTOR FAILURE</u>						
PROPELLER	1	4	2	10	17	17
TAIL ROTOR	2	2	2	13	19	19
MAIN ROTOR	2	1	3	7	13	13
PROP ROTOR ACDNT TO PERSON	6	14			20	20
JET INTAKE/EXH ACDNT TO PERS						
PROPELLER/JET/ROTOR BLAST			1	3	4	4
TURBULENCE	6	4	1	7	18	18
HAIL DAMAGE TO AIRCRAFT						
LIGHTNING STRIKE						
EVASIVE MANEUVER				4	4	4
UNCONTROLLED ALT DEVIATION						
DITCHING	2			1	3	3
MISSING ACFT NOT RECOVERED	20			1	21	21
MISCELLANEOUS/OTHER	1	3	3	9	16	16
UNDETERMINED	5		1	2	8	8
RECORDS	681	394	602	2369	4046	
ACCIDENTS	667	392	600	2349		4007

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	17	407	2		426	426
DRAINED WINGTIP POD OR FLOAT		8			8	8
WHEELS-UP LANDING		72			72	72
WHEELS-DOWN LANDING IN WATER		5			5	5
GEAR COLLAPSED	2	37			39	39
GEAR RETRACTED		37	1		38	38
HARD LANDING	12	234	3	4	253	253
NOSE OVER/DOWN	6	130	1		137	137
ROLL OVER	2	17			19	19
OVERSHOOT	10	147	1		158	158
UNDERSHOOT	25	98			123	123
<u>COLLISION BETWEEN AIRCRAFT</u>						
BOTH IN FLIGHT	22	22	5	1	50	25
ONE AIRBORNE		9	1		10	5
BOTH ON GROUND	1	14	2		17	9
<u>COLLISION WITH GROUND/WATER</u>						
CONTROLLED	140	97		1	238	238
UNCONTROLLED	107	20			127	127
<u>COLLIDED WITH</u>						
WIRES/POLES	67	81	1		149	149
TREES	120	82			202	202
RESIDENCE/S	3				3	3
BUILDING/S	3	6			9	9
FENCE, FENCEPOSTS	5	39			44	44
ELECTRONIC TOWERS	3	4			7	7
RUNWAY OR APPROACH LIGHTS		5			5	5
AIRPORT HAZARD		7			7	7
ANIMALS	2	7			9	9
CROP	3	9			12	12
FLAGMAN LOADER			2		2	2
DITCHES	5	37			42	42
SNOWBANK		52			52	52
PARKED AIRCRAFT (UNATTENDED)	1	32	3		36	36
AUTOMOBILE	1	14			15	15
DIRT BANK	3	29			32	32
OTHER	9	76	1		86	86
BIRD STRIKE	1	2			3	3

ANALYTIC TABLE

FIRST TYPE OF ACCIDENT BY AIRCRAFT DAMAGE

FIRST TYPE OF ACCIDENT	AIRCRAFT DAMAGE				RECORDS	ACCIDENTS
	DESTROYED	SUBSTANTIAL	MINOR	NONE		
<u>STALL</u>	66	68			134	134
SPIN	62	17			79	79
SPIRAL	6	1			7	7
MUSH	37	117			154	154
<u>FIRE OR EXPLOSION</u>						
IN FLIGHT	13	13			26	26
ON GROUND	1	4			5	5
<u>AIRFRAME FAILURE</u>						
IN FLIGHT	41	29			70	70
ON GROUND	2	6			8	8
ENGINE TEARAWAY	1				1	1
ENGINE FAILURE OR MALFUNCTION	193	790	1		984	984
<u>PROPELLER/ROTOR FAILURE</u>						
PROPELLER	3	14			17	17
TAIL ROTOR	4	15			19	19
MAIN ROTOR	3	10			13	13
PROP ROTOR ACDNT TO PERSON		2	4	14	20	20
JET INTAKE/EXH ACDNT TO PERS						
PROPELLER/JET/ROTOR BLAST		4			4	4
TURBULENCE	9	8		1	18	18
HAIL DAMAGE TO AIRCRAFT						
LIGHTNING STRIKE						
EVASIVE MANEUVER		4			4	4
UNCONTROLLED ALT DEVIATION						
DITCHING	2	1			3	3
MISSING ACFT NOT RECOVERED	21				21	21
MISCELLANEOUS/OTHER	1	12	1	2	16	16
UNDETERMINED	5	3			8	8
RECORDS	1040	2954	29	23	4046	
ACCIDENTS	1036	2939	29	23		4007

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	92	166	93	18	1	38	12		3	3	426	426
DRAGGED WINGTIP POD OR FLOAT		5	1			2					8	8
WHEELS-UP LANDING	1	29	17	4		15	6				72	72
WHEELS-DOWN LANDING IN WATER			2	1		1	1				5	5
GEAR COLLAPSED	1	14	13	3		4	2			2	39	39
GEAR RETRACTED		17	12			6	3				38	38
HARD LANDING	63	100	42	4		33	10		1		253	253
NOSE OVER/DOWN	20	60	29	2		19	1		2	4	137	137
ROLL OVER	2	2	12			2	1				19	19
OVERSHOOT	25	87	21	6		13	3		1	2	158	158
UNDERSHOOT	11	69	24			15	2		2		123	123
<u>COLLISION BETWEEN AIRCRAFT</u>												
BOTH IN FLIGHT	7	14	10	5		12	2				50	25
ONE AIRBORNE		6	2			2					10	5
BOTH ON GROUND	3	7	4			2	1				17	9
<u>COLLISION WITH GROUND/WATER</u>												
CONTROLLED	14	87	67	12		46	11		1		238	238
UNCONTROLLED	11	69	24	5		10	4		3	1	127	127
<u>COLLIDED WITH</u>												
WIRES/POLES	4	45	61	3	1	24	6		1	4	149	149
TREES	21	72	67	6		25	5		4	2	202	202
RESIDENCE/S		2				1					3	3
BUILDING/S	2	2	4			1					9	9
FENCE, FENCEPOSTS	4	24	10			4	2				44	44
ELECTRONIC TOWERS	1		4	1		1					7	7
RUNWAY OR APPROACH LIGHTS	2	1	1	1							5	5
AIRPORT HAZARD		3	3				1				7	7
ANIMALS	1	4		1		3					9	9
CROP		4	4			2			1	1	12	12
FLAGMAN LOADER			1			1					2	2
DITCHES	4	16	11	3		7	1				42	42
SNOWBANK	6	22	6	3		14	1				52	52
PARKED AIRCRAFT (UNATTENDED)	5	18	7			3	3				36	36
AUTOMOBILE		4	6		1	2	1			1	15	15
DIRT BANK	2	8	15	2		3	2				32	32
OTHER	8	48	16	7		3	3			1	86	86
BIRD STRIKE		1				1	1				3	3

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>	11	65	40	4	9	2		3			134	134
SPIN	10	35	20	2	8	2		2			79	79
SPIRAL		5	1		1						7	7
MUSH	9	70	38	5	28	4					154	154
<u>FIRE OR EXPLOSION</u>												
IN FLIGHT	2	6	9	3	4	2					26	26
ON GROUND		3	2								5	5
<u>AIRFRAME FAILURE</u>												
IN FLIGHT	3	29	21	4	9	3		1			70	70
ON GROUND	1		2	2	2	1					8	8
ENGINE TEARAWAY						1					1	1
ENGINE FAILURE OR MALFUNCTION	81	386	297	41	1	136	35	1	3	3	984	984
<u>PROPELLER/ROTOR FAILURE</u>												
PROPELLER	2	11	4								17	17
TAIL ROTOR		2	12		4	1					19	19
MAIN ROTOR	1		6		4	1		1			13	13
PROP ROTOR ACDNT TO PERSON	3	10	2		2	2				1	20	20
JET INTAKE/EXH ACDNT TO PERS												
PROPELLER/JET/ROTOR BLAST		3	1								4	4
TURBULENCE	1	7	2	2	4	2					18	18
HAIL DAMAGE TO AIRCRAFT												
LIGHTNING STRIKE												
EVASIVE MANEUVER		3	1								4	4
UNCONTROLLED ALT DEVIATION												
DITCHING		1	1		1						3	3
MISSING ACFT NOT RECOVERED	2	12	3	2	1			1			21	21
MISCELLANEOUS/OTHER	1	2	8	1	2					2	16	16
UNDETERMINED	1	1			1	1				4	8	8
RECORDS	438	1657	1059	153	4	531	142	1	30	31	4046	
ACCIDENTS	435	1651	1058	153	4	528	142	1	30	31		4007

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		5	1	7	13	13
IDLING ENGINE/S	5	9	1	3	18	18
ENGINE RUNUP	1			1	2	2
IDLING ROTORS		2			2	2
PARKED-ENGINES NOT OPERATING						
OTHER				2	2	2
<u>TAXI</u>						
TO TAKEOFF		2	2	48	52	50
FROM LANDING	1		4	41	46	46
OTHER		2	4	15	21	21
GROUND TAXI TO TAKEOFF						
GROUND TAXI FROM LANDING				3	3	3
GROUND TAXI, OTHER				1	1	1
AERIAL TAXI TO TAKEOFF				1	1	1
AERIAL TAXI TO/FROM LANDING				3	3	3
AERIAL TAXI, OTHER		1		2	3	3
<u>TAKEOFF</u>						
RUN	6	4	26	156	192	191
INITIAL CLIMB	78	58	111	248	495	494
VERTICAL	1	5	5	23	34	34
RUNNING (ROTORCRAFT/VTOL-STOL)						
ABORTED (FIXED-WING)	1	3	13	61	78	78
ABORTED (ROTORCRAFT/VTOL)						
ABORTED (ROTORCRAFT/STOL)				1	1	1
OTHER		1		2	3	3
<u>INFLIGHT</u>						
CLIMB TO CRUISE	37	10	21	37	105	104
NORMAL CRUISE	148	76	107	280	611	602
DESCENDING	13	10	15	43	81	81
HOLDING (IFR)						
HOVERING	4	2	2	8	16	16
POWER-ON DESCENT (ROTORCRAFT)		1			1	1
AUTOROTATIVE DESCENT	1			1	2	2
ACROBATICS	25	2	3	4	34	34
BUZZING	23	2	1	3	29	29
UNCONTROLLED DESCENT	85	2		4	91	91

ANALYTIC TABLE

FIRST PHASE OF OPERATION BY INJURY INDEX

FIRST OPERATIONAL PHASE	INJURY INDEX				RECORDS	ACCIDENTS
	FATAL	SERIOUS	MINOR	NONE		
EMERGENCY DESCENT	2				2	2
LOW PASS	29	15	4	23	71	71
OTHER	40	15	9	39	103	103
EN ROUTE TO TREAT CROP	1	5	1	5	12	12
EN ROUTE TO RELOADING AREA	1		2	4	7	7
SURVEY FIELD/AREA	1	1	2	3	7	7
STARTING SWATH RUN	4	3	5	12	24	24
SWATH RUN	3	15	21	36	75	75
FLAREOUT FOR SWATH RUN	1	1	1	6	9	9
PULLUP FROM SWATH RUN	4	7	12	13	36	36
PROCEDURE TURNAROUND	3	11	12	35	61	61
CLEANUP SWATH		1	2	6	9	9
MANEUVER TO AVOID OBSTRUCTION				1	1	1
RETURN TO STRIP	1		3	4	8	8
<u>LANDING</u>						
TRAFFIC PATTERN-CIRCLING	29	16	23	31	99	96
FINAL APPROACH (VFR)	35	36	49	124	244	240
INITIAL APPROACH	4	2	1	2	9	9
FINAL APPROACH (IFR)	26	7	7	11	51	51
LEVEL OFF/TOUCHDOWN	9	33	62	491	595	594
ROLL (FIXED WING)	3	5	42	414	464	464
ROLL-ON/RUN-ON (ROTORCRAFT)			1	3	4	4
POWER-ON LANDING (ROTORCRAFT)	1	2	5	9	17	17
POWER-OFF AUTOROTATIVE LDG		2	2	12	16	16
GO-AROUND (VFR)	16	12	16	70	114	114
MISSED APPROACH (IFR)	9	4	1		14	14
OTHER	1	4	2	7	14	14
UNKNOWN/NOT REPORTED	29		1	10	40	40
RECORDS	681	394	602	2369	4046	
ACCIDENTS	667	392	600	2349		4007

INJURIES, ACCIDENTS
SUPPLEMENTAL ISSUE
U. S. GENERAL AVIATION

1979

	INJURIES					TOTAL
	FATAL	SERIOUS	MINOR	NONE	UNKNOWN	
PILOT	617	364	544	2520		4045
COPILOT	49	6	9	79		143
DUAL STUDENT	16	19	32	152		219
CHECK PILOT	1	4	3	11		19
FLIGHT ENGINEER			1	3		4
NAVIGATOR						
CABIN ATTENDANT				3		3
EXTRA CREW	7	2	6	7		22
PASSENGERS	614	271	449	2113		3447
 TOTAL	 1304	 666	 1044	 4888	 ABOARD	 7902
 OTHER AIRCRAFT						
OTHER GROUND	11	11	23	11		56
 GRAND TOTAL	 1315	 677	 1067	 4899		 7958

INVOLVES 4007 TOTAL ACCIDENTS
INVOLVES 667 FATAL ACCIDENTS

INJURIES, ACCIDENTS
SMALL FIXED-WING AIRCRAFT (INCLUDES GLIDERS)
U. S. GENERAL AVIATION

SUPPLEMENTAL ISSUE
1979

	INJURIES					
	FATAL	SERIOUS	MINOR	NONE	UNKNOWN	TOTAL
PILOT	571	322	496	2310		3699
COPILOT	36	4	9	57		106
DUAL STUDENT	16	17	30	143		206
CHECK PILOT	1	3	3	10		17
FLIGHT ENGINEER						
NAVIGATOR						
CABIN ATTENDANT				1		1
EXTRA CREW	3	1	5	6		15
PASSENGERS	575	242	418	1937		3172
TOTAL	1202	589	961	4464	ABOARD	7216
* OTHER AIRCRAFT				1		1
OTHER GROUND	8	7	18	9		42
GRAND TOTAL	1210	596	979	4474		7259

INVOLVES 3662 TOTAL ACCIDENTS
INVOLVES 614 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

SUPPLEMENTAL ISSUE
 1979

	INJURIES					TOTAL
	FATAL	SERIOUS	MINOR	NONE	UNKNOWN	
PILOT	33	29	48	177		287
COPILOT	3	1		1		5
DUAL STUDENT		2	2	8		12
CHECK PILOT				1		1
FLIGHT ENGINEER				1		1
NAVIGATOR						
CABIN ATTENDANT						
EXTRA CREW	3	1	1			5
PASSENGERS	21	15	22	127		185
 TOTAL	 60	 48	 73	 315	 ABOARD	 496
 OTHER AIRCRAFT						
OTHER GROUND	3	4	2	2		11
 GRAND TOTAL	 63	 52	 75	 317		 507

INVOLVES 287 TOTAL ACCIDENTS
 INVOLVES 39 FATAL ACCIDENTS

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

SUPPLEMENTAL ISSUE
1979

	INJURIES					TOTAL
	FATAL	SERIOUS	MINOR	NONE	UNKNOWN	
PILOT	11	3		25		39
COPILOT	10	1		21		32
DUAL STUDENT						
CHECK PILOT		1				1
FLIGHT ENGINEER			1	2		3
NAVIGATOR						
CABIN ATTENDANT				2		2
EXTRA CREW	1			1		2
PASSENGERS	15	4	4	41		64
 TOTAL	 37	 9	 5	 92	 ABOARD	 143
 * OTHER AIRCRAFT	 1					 1
OTHER GROUND			1			1
 GRAND TOTAL	 38	 9	 6	 92		 145

INVOLVES 39 TOTAL ACCIDENTS
INVOLVES 13 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

SUPPLEMENTAL ISSUE
1979

	INJURIES					TOTAL
	FATAL	SERIOUS	MINOR	NONE	UNKNOWN	
PILOT	38	31	61	390		520
COPILOT	1	1	2	5		9
DUAL STUDENT	12	17	31	149		209
CHECK PILOT		4	3	10		17
FLIGHT ENGINEER						
NAVIGATOR						
CABIN ATTENDANT						
EXTRA CREW						
PASSENGERS	4	2	4	34		44
TOTAL	55	55	101	588	ABOARD	799
* OTHER AIRCRAFT	7	1	1	15		24
OTHER GROUND	1	2	1			4
GRAND TOTAL	63	58	103	603		827

INVOLVES 516 TOTAL ACCIDENTS
INVOLVES 42 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

SUPPLEMENTAL ISSUE
1979

	INJURIES					TOTAL
	FATAL	SERIOUS	MINOR	NONE	UNKNOWN	
PILOT	358	199	298	1214		2069
COPILOT	19	2	3	19		43
DUAL STUDENT	2			2		4
CHECK PILOT						
FLIGHT ENGINEER						
NAVIGATOR						
CABIN ATTENDANT						
EXTRA CREW	1		2	1		4
PASSENGERS	403	188	331	1402		2324
 TOTAL	 783	 389	 634	 2638	 ABOARD	 4444
 * OTHER AIRCRAFT	 5	 1	 1	 15		 22
OTHER GROUND	6	3	10	4		23
 GRAND TOTAL	 794	 393	 645	 2657		 4489

INVOLVES 2061 TOTAL ACCIDENTS
INVOLVES 393 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

SUPPLEMENTAL ISSUE
1979

	INJURIES					TOTAL
	FATAL	SERIOUS	MINOR	NONE	UNKNOWN	
PILOT	52	21	23	156		252
COPILOT	4		1	3		8
DUAL STUDENT						
CHECK PILOT						
FLIGHT ENGINEER						
NAVIGATOR						
CABIN ATTENDANT						
EXTRA CREW		1		2		3
PASSENGERS	51	17	27	157		252
 TOTAL	 107	 39	 51	 318	 ABOARD	 515
 * OTHER AIRCRAFT	 2		2	2		6
OTHER GROUND			5	3		8
 GRAND TOTAL	 109	 39	 58	 323		 529

INVOLVES 251 TOTAL ACCIDENTS
INVOLVES 55 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

SUPPLEMENTAL ISSUE
1979

	INJURIES					TOTAL
	FATAL	SERIOUS	MINOR	NONE	UNKNOWN	
PILOT	13	5	9	56		83
COPILOT	3			10		13
DUAL STUDENT		1				1
CHECK PILOT						
FLIGHT ENGINEER				1		1
NAVIGATOR						
CABIN ATTENDANT						
EXTRA CREW						
PASSENGERS	29	5	7	94		135
 TOTAL	 45	 11	 16	 161	 ABOARD	 233
 * OTHER AIRCRAFT	 6			 1		 7
OTHER GROUND						
 GRAND TOTAL	 51	 11	 16	 162		 240

INVOLVES 83 TOTAL ACCIDENTS
INVOLVES 14 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 (INCLUDES FIRE CONTROL)
U. S. GENERAL AVIATION

SUPPLEMENTAL ISSUE
1979

	INJURIES					TOTAL
	FATAL	SERIOUS	MINOR	NONE	UNKNOWN	
PILOT	25	50	75	245		395
COPILOT				3		3
DUAL STUDENT						
CHECK PILOT						
FLIGHT ENGINEER						
NAVIGATOR						
CABIN ATTENDANT						
EXTRA CREW						
PASSENGERS		1	1	2		4
 TOTAL	 25	 51	 76	 250	 ABOARD	 402
 * OTHER AIRCRAFT	 1			 2		 3
OTHER GROUND	1	2	1			4
 GRAND TOTAL	 27	 53	 77	 252		 409

INVOLVES 395 TOTAL ACCIDENTS
INVOLVES 27 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

SUPPLEMENTAL ISSUE
1979

		INJURIES					
		FATAL	SERIOUS	MINOR	NONE	UNKNOWN	TOTAL
PILOT		40	18	25	136		219
COPILOT		8	2	1	24		35
DUAL STUDENT				1			1
CHECK PILOT							
FLIGHT ENGINEER							
NAVIGATOR							
CABIN ATTENDANT					3		3
EXTRA CREW		1	1	2	2		6
PASSENGERS		60	31	56	284		431
TOTAL		109	52	85	449	ABOARD	695
* OTHER AIRCRAFT		3			3		6
OTHER GROUND		1	3	3	4		11
GRAND TOTAL		113	55	88	456		712

INVOLVES 218 TOTAL ACCIDENTS
INVOLVES 45 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
TYPE OF ACCIDENT
OVERSHOOT
U. S. GENERAL AVIATION

SUPPLEMENTAL ISSUE
1979

	INJURIES					TOTAL
	FATAL	SERIOUS	MINOR	NONE	UNKNOWN	
PILOT	3	5	19	137		164
COPILOT				5		5
DUAL STUDENT				4		4
CHECK PILOT						
FLIGHT ENGINEER						
NAVIGATOR						
CABIN ATTENDANT						
EXTRA CREW				2		2
PASSENGERS	2	8	19	162		191
TOTAL	5	13	38	310	ABOARD	366
OTHER AIRCRAFT						
OTHER GROUND			1			1
GRAND TOTAL	5	13	39	310		367

INVOLVES 164 TOTAL ACCIDENTS
INVOLVES 3 FATAL ACCIDENTS

INJURIES, ACCIDENTS
 TYPE OF ACCIDENT
 UNDERSHOOT
 U. S. GENERAL AVIATION

SUPPLEMENTAL ISSUE
 1979

	INJURIES					TOTAL
	FATAL	SERIOUS	MINOR	NONE	UNKNOWN	
PILOT	11	14	19	80		124
COPILOT	2			1		3
DUAL STUDENT			1	10		11
CHECK PILOT						
FLIGHT ENGINEER						
NAVIGATOR						
CABIN ATTENDANT						
EXTRA CREW						
PASSENGERS	8	13	22	85		128
TOTAL	21	27	42	176	ABOARD	266
OTHER AIRCRAFT						
OTHER GROUND			1	2		3
GRAND TOTAL	21	27	43	178		269

INVOLVES 124 TOTAL ACCIDENTS
 INVOLVES 11 FATAL ACCIDENTS

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

SUPPLEMENTAL ISSUE
1979

	INJURIES					TOTAL
	FATAL	SERIOUS	MINOR	NONE	UNKNOWN	
PILOT	140	162	221	985		1508
COPILOT	11	3	1	27		42
DUAL STUDENT	2	6	19	55		82
CHECK PILOT		2	1	1		4
FLIGHT ENGINEER				2		2
NAVIGATOR						
CABIN ATTENDANT				1		1
EXTRA CREW	3		2	6		11
PASSENGERS	138	123	186	826		1273
 TOTAL	 294	 296	 430	 1903	 ABOARD	 2923
 OTHER AIRCRAFT						
OTHER GROUND	4	4	21	8		37
 GRAND TOTAL	 298	 300	 451	 1911		 2960

INVOLVES 1508 TOTAL ACCIDENTS
INVOLVES 157 FATAL ACCIDENTS

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

SUPPLEMENTAL ISSUE
1979

	INJURIES					TOTAL
	FATAL	SERIOUS	MINOR	NONE	UNKNOWN	
PILOT	136	82	66	157		441
COPILOT	11		2	2		15
DUAL STUDENT	7	7	3	11		28
CHECK PILOT						
FLIGHT ENGINEER						
NAVIGATOR						
CABIN ATTENDANT						
EXTRA CREW	2					2
PASSENGERS	113	64	75	142		394
TOTAL	269	153	146	312	ABOARD	880
OTHER AIRCRAFT						
OTHER GROUND			2			2
GRAND TOTAL	269	153	148	312		882

INVOLVES 441 TOTAL ACCIDENTS
INVOLVES 145 FATAL ACCIDENTS

CAUSE/FACTOR TABLE
SUPPLEMENTAL ISSUE
U. S. GENERAL AVIATION ACCIDENTS

1979

(EXCLUDES ACCIDENTS WITHOUT CAUSAL ASSIGNMENT)

INVOLVES 4007 TOTAL ACCIDENTS
INVOLVES 666 FATAL ACCIDENTS

BROAD CAUSE/FACTOR -----	FATAL ACCIDENTS -----			NONFATAL ACCIDENTS -----			ALL ACCIDENTS -----		
	CAUSE	FACTOR	TOTAL*	CAUSE	FACTOR	TOTAL*	CAUSE	FACTOR	TOTAL*
PILOT	554 83.18	129 19.37	563 84.53	2624 78.54	264 7.90	2649 79.29	3178 79.31	393 9.81	3212 80.16
PERSONNEL	49 7.36	31 4.65	79 11.86	246 7.36	38 1.14	282 8.44	295 7.36	69 1.72	361 9.01
AIRFRAME	9 1.35	16 2.40	24 3.60	15 .45	9 .27	24 .72	24 .60	25 .62	48 1.20
LANDING GEAR				125 3.74	17 .51	142 4.25	125 3.12	17 .42	142 3.54
POWERPLANT	52 7.81	5 .75	56 8.41	505 15.12	40 1.20	537 16.07	557 13.90	45 1.12	593 14.80
SYSTEMS	8 1.20	2 .30	10 1.50	40 1.20	16 .48	56 1.68	48 1.20	18 .45	66 1.65
INSTRUMENTS/EQUIPMENT & ACCESSORIES	1 .15	3 .45	4 .60	5 .15	7 .21	12 .36	6 .15	10 .25	16 .40
ROTORCRAFT	11 1.65		11 1.65	34 1.02		34 1.02	45 1.12		45 1.12
AIRPORT/AIRWAYS/FACILITIES		10 1.50	10 1.50	24 .72	291 8.71	315 9.43	24 .60	301 7.51	325 8.11
WEATHER	6 .90	269 40.39	271 40.69	38 1.14	572 17.12	605 18.11	44 1.10	841 20.99	876 21.86
TERRAIN	1 .15	93 13.96	94 14.11	97 2.90	713 21.34	808 24.18	98 2.45	806 20.11	902 22.51
MISCELLANEOUS	18 2.70	4 .60	22 3.30	99 2.96	30 .90	127 3.80	117 2.92	34 .85	149 3.72
UNDETERMINED	56 8.41		56 8.41	40 1.20		40 1.20	96 2.40		96 2.40

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
SUPPLEMENTAL ISSUE
U. S. GENERAL AVIATION ACCIDENTS

1979

(EXCLUDES ACCIDENTS WITHOUT CAUSAL ASSIGNMENT)

INVOLVES 4007 TOTAL ACCIDENTS

INVOLVES 666 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	5	5	10	18	6	24	23	11	34
ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL	21	12	33	11	11	22	32	23	55
BECAME LOST/DISORIENTED	15	5	20	37	9	46	52	14	66
CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS	127	2	129	41	6	47	168	8	176
CONTINUED INTO KNOWN AREA OF SEVERE TURBULENCE	8		8	3		3	11		11
DELAYED ACTION IN ABORTING TAKEOFF				69	3	72	69	3	72
DELAYED IN INITIATING GO-AROUND	4	2	6	102	1	103	106	3	109
DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT	7	8	15	31	14	45	38	22	60
EXCEEDED DESIGN STRESS LIMITS OF AIRCRAFT	19		19	4		4	23		23
FAILED TO EXTEND LANDING GEAR				33		33	33		33
FAILED TO RETRACT LANDING GEAR		2	2	5		5	5	2	7
RETRACTED GEAR PREMATURELY				4		4	4		4
INADVERTENTLY RETRACTED GEAR				10		10	10		10
FAILED TO SEE AND AVOID OTHER AIRCRAFT	18		18	28		28	46		46
FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS	26		26	114	1	115	140	1	141
FAILED TO OBTAIN/MAINTAIN FLYING SPEED	129		129	240		240	369		369
MISJUDGED, SPEED, ALTITUDE OR CLEARANCE	11		11	9	1	10	20	1	21
FAILED TO MAINTAIN ADEQUATE ROTOR RPM	3		3	32	1	33	35	1	36
FAILED TO USE OR INCORRECTLY USED MISC EQUIPMENT	1	3	4	10	5	15	11	8	19
FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES ETC	18	5	23	42	6	48	60	11	71
IMPROPER OPERATION OF POWERPLANT + POWERPLANT CONTROLS	4		4	94	5	99	98	5	103
IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS				153	2	155	153	2	155
IMPROPER OPERATION OF FLIGHT CONTROLS	7	1	8	45	2	47	52	3	55
PREMATURE LIFT OFF	3		3	53	6	59	56	6	62
IMPROPER LEVEL OFF	2		2	199		199	201		201
IMPROPER IFR OPERATION	33	1	34	21	1	22	54	2	56
IMPROPER IN-FLIGHT DECISIONS OR PLANNING	41	3	44	103	10	113	144	13	157
IMPROPER COMPENSATION FOR WIND CONDITIONS	1		1	110	7	117	111	7	118
INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING	62	27	89	358	40	398	420	67	487
INADEQUATE SUPERVISION OF FLIGHT	7	1	8	81	2	83	88	3	91
LACK OF FAMILIARITY WITH AIRCRAFT	3	18	21	16	71	87	19	89	108
MISMANAGEMENT OF FUEL	13	1	14	243	1	244	256	2	258
EXERCISED POOR JUDGMENT	13	13	26	28	4	32	41	17	58
OPERATED CARELESSLY				2	2	4	2	2	4
SELECTED UNSUITABLE TERRAIN	3		3	215	8	223	218	8	226
IMPROPER STARTING PROCEDURES		1	1	6	1	7	6	2	8
STARTED ENGINE WITHOUT PROPER ASSISTANCE/EQUIPMENT				15		15	15		15
TAXIED/PARKED WITHOUT PROPER ASSISTANCE				14		14	14		14
FAILED TO ASSURE THE GEAR WAS DOWN AND LOCKED				20	1	21	20	1	21
INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS	21	3	24	24	2	26	45	5	50
CONTROL INTERFERENCE	1		1				1		1
SPONTANEOUS-IMPROPER ACTION	1	1	2	7		7	8	1	9
MISJUDGED DISTANCE, SPEED, AND ALTITUDE	7		7	26		26	33		33
MISJUDGED DISTANCE AND SPEED	3		3	152	2	154	155	2	157
MISJUDGED DISTANCE	1		1	6		6	7		7
MISJUDGED DISTANCE AND ALTITUDE	9		9	106		106	115		115
MISJUDGED SPEED AND ALTITUDE	1		1	15		15	16		16
MISJUDGED SPEED				4		4	4		4
MISJUDGED SPEED AND CLEARANCE	1		1	3		3	4		4
MISJUDGED ALTITUDE AND CLEARANCE	29		29	37		37	66		66
MISJUDGED ALTITUDE	11		11	16	1	17	27	1	28
MISJUDGED CLEARANCE	13		13	88		88	101		101
MISUNDERSTANDING OF ORDERS OR INSTRUCTIONS				2		2	2		2
IMPROPER RECOVERY FROM BOUNCED LANDING	1		1	109	3	112	110	3	113
INCAPACITATION	4	1	5	1		1	5	1	6
PHYSICAL IMPAIRMENT	17	21	38	6	4	10	23	25	48
SPATIAL DISORIENTATION	86		86	5		5	91		91
PSYCHOLOGICAL CONDITION	1		1				1		1
MISUSED OR FAILED TO USE FLAPS	2	6	8	17	11	28	19	17	36
LEFT AIRCRAFT UNATTENDED ENGINE RUNNING				1	1	2	1	1	2

CAUSE/FACTOR TABLE

FAILED TO MAINTAIN DIRECTIONAL CONTROL (CONTINUED)

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
FAILED TO MAINTAIN DIRECTIONAL CONTROL	2		2	179		179	181		181
SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND		2	2	53	16	69	53	18	71
FAILED TO ABORT TAKEOFF	10	1	11	48	5	53	58	6	64
FAILED TO INITIATE GO-AROUND		2	2	118	2	120	118	4	122
DIRECT ENTRIES	3		3	3		3	6		6
SUBTOTAL	828	147	975	3645	274	3919	4473	421	4894
COPILOT									
BECAME LOST/DISORIENTED					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
IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS				1		1	1		1
IMPROPER OPERATION OF FLIGHT CONTROLS	1		1				1		1
IMPROPER LEVEL OFF				1		1	1		1
IMPROPER IFR OPERATION	1		1				1		1
LACK OF FAMILIARITY WITH AIRCRAFT					1	1		1	1
FAILURE TO RELINQUISH CONTROL				1		1	1		1
MISJUDGED DISTANCE AND SPEED				2		2	2		2
MISJUDGED DISTANCE AND ALTITUDE	1		1				1		1
MISJUDGED ALTITUDE AND CLEARANCE	1		1				1		1
MISJUDGED CLEARANCE				1		1	1		1
IMPROPER RECOVERY FROM BOUNCED LANDING				1		1	1		1
SPATIAL DISORIENTATION	1		1				1		1
MISUSED OR FAILED TO USE FLAPS	1		1				1		1
FAILED TO MAINTAIN DIRECTIONAL CONTROL				1		1	1		1
SUBTOTAL	6		6	9	3	12	15	3	18
DUAL STUDENT									
DELAYED IN INITIATING GO-AROUND				1		1	1		1
DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT				1		1	1		1
EXCEEDED DESIGNED STRESS LIMITS OF AIRCRAFT				1		1	1		1
FAILED TO EXTEND LANDING GEAR				1		1	1		1
INADVERTENTLY RETRACTED GEAR				2		2	2		2
FAILED TO SEE OTHER AIRCRAFT	2		2	1		1	3		3
FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS				4		4	4		4
FAILED TO OBTAIN/MAINTAIN FLYING SPEED	2		2	6	1	7	8	1	9
FAILED TO MAINTAIN ADEQUATE ROTOR RPM				1		1	1		1
IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS				7		7	7		7
IMPROPER OPERATION OF FLIGHT CONTROLS				3		3	3		3
PREMATURE LIFT-OFF				2		2	2		2
IMPROPER LEVEL OFF				9		9	9		9
IMPROPER IFR OPERATION	1		1				1		1
IMPROPER COMPENSATION FOR WIND CONDITIONS				6		6	6		6
INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING				1		1	1		1
LACK OF FAMILIARITY WITH AIRCRAFT		1	1		4	4		5	5
MISMANAGEMENT OF FUEL				1		1	1		1
SELECTED UNSUITABLE TERRAIN				1	1	2	1	1	2
FAILURE TO RELINQUISH CONTROL				1		1	1		1
SPONTANEOUS-IMPROPER ACTION				2		2	2		2
MISJUDGED DISTANCE, SPEED, AND ALTITUDE				1		1	1		1
MISJUDGED DISTANCE AND SPEED				2		2	2		2
MISJUDGED DISTANCE AND ALTITUDE				5		5	5		5
MISJUDGED SPEED AND ALTITUDE				2		2	2		2
MISJUDGED SPEED				1		1	1		1
MISJUDGED ALTITUDE AND CLEARANCE				1		1	1		1
MISJUDGED ALTITUDE				1		1	1		1
MISJUDGED CLEARANCE				2		2	2		2
IMPROPER RECOVERY FROM BOUNCED LANDING				3		3	3		3
SPATIAL DISORIENTATION	1		1				1		1
MISUSED OR FAILED TO USE FLAPS				1		1	1		1
FAILED TO MAINTAIN DIRECTIONAL CONTROL				6		6	6		6
FAILED TO INITIATE GO-AROUND				2		2	2		2
SUBTOTAL	6	1	7	78	6	84	84	7	91
CHECK PILOT									
FAILED TO SEE OTHER AIRCRAFT	1		1				1		1
INADEQUATE SUPERVISION OF FLIGHT				5	1	6	5	1	6
EXERCISED POOR JUDGEMENT					1	1		1	1
SUBTOTAL	1		1	5	2	7	6	2	8

** PERSONNEL **

CAUSE/FACTOR TABLE

PERSONNEL (CONTINUED)

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
RULES, REGULATIONS, STANDARDS PERSONNEL		1	1		1	1		2	2
FLIGHT INSTRUCTOR									
INADEQUATE SUPERVISION OF FLIGHT		1	1	4	3	7	4	4	8
INADEQUATE TRAINING OF STUDENT					3	3		3	3
MAINTENANCE, SERVICING, INSPECTION									
IMPROPER MAINTENANCE(MAINTENANCE PERSONNEL)	6	1	7	37	1	38	43	2	45
IMPROPER MAINTENANCE(OWNER PERSONNEL)	5	1	6	3		3	8	1	9
IMPROPERLY SERVICED AIRCRAFT(GROUND CREW)	1		1	3		3	4		4
IMPROPERLY SERVICED AIRCRAFT(OWNER-PILOT)	1		1	2		2	3		3
INADEQUATE INSPECTION OF AIRCRAFT(MAINTENANCE PERSONNEL)	1	2	3	6	1	7	7	3	10
INADEQUATE INSPECTION OF ACFT(OWNER-PILOT PERSONNEL)		1	1	2		2	2	1	3
INADEQUATE MAINTENANCE AND INSPECTION	11	7	18	106	8	114	117	15	132
OTHER	1		1	6		6	7		7
OPERATIONAL SUPERVISORY PERSONNEL									
INADEQUATE FLIGHT TRAINING-PROCEDURES		1	1		1	1		2	2
INADEQUATE GROUND TRAINING-PROCEDURES		1	1					1	1
INADEQUATE SUPERVISION OF FLIGHT CREW		2	2					2	2
FAILURE TO PROVIDE ADEQ DIRECTIVES, MANUALS, EQUIPMENT					1	1		1	1
DEFICIENCY, COMPANY MAINTAINED EOMT, SERV, REGULATIONS		2	2	3		3	3	2	5
WEATHER PERSONNEL									
INCORRECT WEATHER FORECAST		1	1	1	1	2	1	2	3
INCOMPLETE WEATHER REPORT		1	1					1	1
INADEQUATE/INCORRECT WEATHER BRIEFING		2	2	1		1	1	2	3
TRAFFIC CONTROL PERSONNEL									
FAILURE TO ADVISE OF UNSAFE WEATHER CONDITION		2	2					2	2
ISSUED IMPROPER OR CONFLICTING INSTRUCTIONS	3		3	1		1	4		4
INADEQUATE SPACING OF AIRCRAFT	2		2		1	1	2	1	3
FAILURE TO PROPERLY IDENTIFY AIRCRAFT ON RADAR		1	1					1	1
OTHER		2	2	5		5	5	2	7
AIRPORT SUPERVISORY PERSONNEL									
FAILURE TO NOTIFY OF UNSAFE COND/AND OR FAILURE TO MARK				2	2	4	2	2	4
IMPROPER/INADEQUATE SNOW REMOVAL				1	3	4	1	3	4
OTHER					1	1		1	1
AIRWAYS FACILITIES PERSONNEL									
FAILURE TO ISSUE NOTAM					1	1		1	1
OTHER		1	1					1	1
PRODUCTION-DESIGN-PERSONNEL									
SUBSTANDARD QUALITY CONTROL				2	1	3	2	1	3
POOR/INADEQUATE DESIGN		1	1	4	1	5	4	2	6
OTHER	3	1	4	2	1	3	5	2	7
MISCELLANEOUS-PERSONNEL									
PILOT OF OTHER AIRCRAFT	21		21	34	1	35	55	1	56
GROUND SIGNALMAN					2	2		2	2
SPECTATOR	1		1	1		1	2		2
GROUND CREWMAN				2	2	4	2	2	4
PASSENGER	2	1	3	14	2	16	16	3	19
DRIVER OF VEHICLE	1		1	15	2	17	16	2	18
OTHER	2	1	3	5	1	6	7	2	9
DIRECT ENTRIES	1		1				1		1
THIRD PILOT									
FLIGHT ENGINEER									
FLIGHT PERSONNEL									
DISPATCHING (AIR CARRIER ONLY)									
SUBTOTAL	62	34	96	262	41	303	324	75	399
** AIRFRAME **									
WINGS									
SPARS	2	11	13				2	11	13
RIBS, STRINGERS, CAP STRIPS				1		1	1		1
WING ATTACHMENT FITTINGS, BOLTS	3	2	5				3	2	5
BRACING WIRES, STRUTS				1		1	1		1
SKIN AND ATTACHMENTS	1	1	2		2	2	1	3	4
FUSELAGE									
DOORS, DOOR FRAMES				2	2	4	2	2	4
WINDSHIELDS, WINDOWS, CANOPIES		1	1	2	1	3	2	2	4
SEATS		1	1	4	1	5	4	2	6
OTHER				2		2	2		2
LANDING GEAR									
MAIN GEAR-SHOCK ABSORBING ASSY, STRUTS, ATTACHMENTS, ETC				22		22	22		22
NORMAL RETRACTION/EXTENSION ASSEMBLY				33	2	35	33	2	35
EMERGENCY/EXTENSION ASSEMBLY				4		4	4		4
TAILWHEEL ASSEMBLIES				5		5	5		5
NOSEWHEEL ASSEMBLIES				6	1	7	6	1	7
WHEELS, TIRES, AXLES				6	2	8	6	2	8

CAUSE/FACTOR TABLE

AIRFRAME (CONTINUED)

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
SKI ASSEMBLIES				1		1	1		1
FLOAT ASSEMBLIES				2		2	2		2
SKID ASSEMBLY				2		2	2		2
BRAKING SYSTEM (NORMAL)				37	3	40	37	3	40
BRAKING SYSTEM (EMERGENCY)					1	1		1	1
LANDING GEAR WARNING AND INDICATING COMPONENTS					7	7		7	7
GEAR LOCKING MECHANISM				6		6	6		6
SWITCHES, LEVERS, CRANKING MECHANISM, ETC				1	1	2	1	1	2
NOSEWHEEL STEERING				4		4	4		4
OTHER				3		3	3		3
FLIGHT CONTROL SURFACES									
ELEVATOR, ASSEMBLY ATTACHMENTS		1	1	2	1	3	2	2	4
RUDDER, SURFACES ATTACHMENTS	2	1	3				2	1	3
AILERON, SURFACES ATTACHMENTS					1	1		1	1
HORIZONTAL STABILIZER, ATTACHMENTS		4	4					4	4
VERTICAL STABILIZER, ATTACHMENTS	1		1	1		1	2		2
FLAP ASSEMBLIES					1	1		1	1
SUBTOTAL	9	22	31	147	26	173	156	48	204
** POWERPLANT **									
ENGINE STRUCTURE									
CRANKCASE	1		1	1		1	2		2
CRANKSHAFT	2		2	10		10	12		12
MASTER AND CONNECTING RODS	3		3	19	1	20	22	1	23
CYLINDER ASSEMBLY	1		1	23	1	24	24	1	25
PISTON, PISTON RINGS	2		2	4	1	5	6	1	7
VALVE ASSEMBLIES	3		3	32	1	33	35	1	36
BLOWER, IMPELLER ASSEMBLY				5		5	5		5
OTHER				9	1	10	9	1	10
IGNITION SYSTEM									
MAGNETOES		1	1	17	2	19	17	3	20
SPARK PLUG				8	1	9	8	1	9
IGNITION HARNESS, SHIELDING					1	1		1	1
SWITCHES				1	1	2	1	1	2
LEADS				1		1	1		1
OTHER				2		2	2		2
FUEL SYSTEM									
TANKS	1		1	1		1	2		2
LINE AND FITTINGS	1		1	14	1	15	15	1	16
SELECTOR VALVES	1		1	11		11	12		12
FILTERS, STRAINERS, SCREENS				5		5	5		5
CARBURETOR	1		1	20	2	22	21	2	23
PUMPS		1	1	13	1	14	13	2	15
FUEL INJECTION SYSTEM	1		1	9		9	10		10
VENTS, DRAINS, TANK CAPS				13	3	16	13	3	16
RAM AIR ASSEMBLY	2		2	6		6	8		8
OTHER	1		1	6	1	7	7	1	8
LUBRICATING SYSTEM									
LINE, HOSES, FITTINGS	1	1	2	9		9	10	1	11
VALVES				1		1	1		1
FILTERS, SCREENS				4		4	4		4
PUMP-PRESSURE				2		2	2		2
OIL COOLERS				2		2	2		2
SEALS AND GASKETS				3		3	3		3
OTHER	1		1	5		5	6		6
COOLING SYSTEM									
COWLING		1	1					1	1
BAFFLES	1		1	1		1	2		2
OTHER					1	1		1	1
PROPELLER AND ACCESSORIES									
BLADES				7		7	7		7
HYDRAULIC PITCH CONTROL MECHANISM				2		2	2		2
GOVERNORS		1	1	4		4	4	1	5
BLADE RETENTION MECHANISM				2		2	2		2
OTHER	1		1	2		2	3		3
EXHAUST SYSTEM									
MANIFOLDS				3		3	3		3
MUFFLERS				1		1	1		1
STACKS	1		1	1		1	2		2
BAFFLES				1		1	1		1
EXTERNAL SUPERCHARGER	1		1				1		1
OTHER				1		1	1		1
ENGINE ACCESSORIES									
STARTERS					1	1		1	1

CAUSE/FACTOR TABLE

POWERPLANT (CONTINUED)

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
OTHER				2		2	2		2
ENGINE CONTROLS									
THROTTLE-POWER LEVER ASSEMBLIES				10	4	14	10	4	14
MIXTURE CONTROL ASSEMBLIES	1		1	1		1	2		2
INDUCTION AIR, PREHEAT CONTROLS				2		2	2		2
POWERPLANT-INSTRUMENTS									
FUEL QUANTITY GAUGE		1	1		19	19		20	20
FUEL FLOW INDICATOR					1	1		1	1
OTHER					1	1		1	1
MISCELLANEOUS									
POWERPLANT FAILURE FOR UNDETERMINED REASONS	25		25	207		207	232		232
FOREIGN OBJECT DAMAGE				3		3	3		3
DETONATION				2		2	2		2
OTHER				1		1	1		1
REDUCTION GEAR ASSEMBLY									
COMPRESSOR ASSEMBLY									
BLADE, COMPRESSOR ROTOR				1		1	1		1
BEARING, ROTOR SHAFT	1		1				1		1
SHAFT, ROTOR				1		1	1		1
COMBUSTION ASSEMBLY									
TURBINE ASSEMBLY									
WHEEL, TURBINE				1		1	1		1
BLADE, TURBINE WHEEL				2		2	2		2
SEALS, AIR-OIL				1		1	1		1
BEARING, SHAFT				3		3	3		3
ACCESSORY DRIVE ASSEMBLY									
LUBRICATING SYSTEM									
OTHER				1		1	1		1
FUEL SYSTEM									
PUMP, FUEL				2		2	2		2
FUEL CONTROL				4		4	4		4
OTHER				1		1	1		1
SAFETY SYSTEM									
IGNITION SYSTEM									
TORQUEMETER									
AIR BLEED									
EXHAUST SYSTEM									
THRUST REVERSER									
PROPELLER SYSTEM									
CONTROL UNIT, PCV					1	1		1	1
OTHER	1		1				1		1
CONSTANT SPEED DRIVE									
POWER LEVER									
PROPELLER LEVER									
REVERSE THRUST LEVER									
ENGINE INDICATING EQUIPMENT									
ENGINE INSTALLATION									
SUBTOTAL	54	6	60	526	46	572	580	52	632
** SYSTEMS **									
ELECTRICAL SYSTEM									
BATTERIES				4	4	8	4	4	8
AMMETERS/VOLTMETERS					1	1		1	1
GENERATORS/ALTERNATORS	1		1	2	2	4	3	2	5
REGULATOR				1		1	1		1
RELAYS AND WIRING	1		1	3		3	4		4
SWITCHES				1	3	4	1	3	4
PROTECTIVE DEVICES					1	1		1	1
OTHER					3	3		3	3
HYDRAULIC SYSTEM									
HYDRAULIC PUMPS	1		1	2	1	3	3	1	4
RESERVOIR, LINES, FITTINGS				6		6	6		6
SEALS				4		4	4		4
RELIEF VALVE				1		1	1		1
SHUT-OFF VALVE				1		1	1		1
OTHER				1		1	1		1
FLIGHT CONTROL SYSTEMS									
AILERON AND AILERON TAB CONTROL SYSTEM	2		2	1		1	3		3
ELEVATOR AND ELEVATOR TAB CONTROL SYSTEM	2		2	4		4	6		6
RUDDER AND RUDDER TAB CONTROL SYSTEM				4		4	4		4
WING FLAP CONTROL SYSTEM (ELECTRICAL)		1	1		1	1		2	2
WING FLAP CONTROL SYSTEM (MECHANICAL)				1		1	1		1
OTHER				1		1	1		1
ANTI-ICING, DE-ICING SYSTEMS									

CAUSE/FACTOR TABLE

SYSTEMS (CONTINUED)

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
EMPELLAGE ANTI-ICING, DE-ICING SYSTEMS				1		1	1		1
WINDSHIELD ANTI-ICING, DE-ICING SYSTEMS	1		1	1		1	2		2
CARBURETOR DE-ICING SYSTEM				1		1	1		1
OTHER		1	1					1	1
AIR CONDITION, HEATING AND PRESSURIZATION									
OTHER	1		1				1		1
AUTO PILOT									
FIRE WARNING SYSTEM					1	1		1	1
POWERPLANT									
FIRE EXTINGUISHER SYSTEM									
OXYGEN SYSTEM									
OTHER SYSTEMS				1		1	1		1
VACUUM SYSTEM				1		1	1		1
OTHER									
SUBTOTAL	9	2	11	42	17	59	51	19	70
** INSTRUMENTS/EQUIPMENT AND ACCESSORIES **									
FLIGHT AND NAVIGATION INSTRUMENTS									
ALTIMETERS				1		1	1		1
AIRSPEED					2	2		2	2
DIRECTIONAL GYRO		1	1					1	1
FLUXGATE COMPASS	1		1				1		1
COMMUNICATIONS AND NAVIGATION EQUIPMENT									
TRANSMITTERS AND/OR RECEIVERS				1	1	2	1	1	2
LORAN RECEIVER		1	1					1	1
DME					1	1		1	1
OTHER		2	2		3	3		5	5
MISCELLANEOUS EQUIPMENT									
SPRAY, DUSTING EQUIPMENT				1		1	1		1
GLIDER LAUNCH/TOW EQUIPMENT				2		2	2		2
SUBTOTAL	1	4	5	5	7	12	6	11	17
** ROTORCRAFT **									
ROTOR ASSEMBLIES									
MAIN ROTOR BLADES				1		1	1		1
TAIL ROTOR BLADES	2		2	4		4	6		6
MAIN ROTOR HEAD ASSEMBLIES	1		1	2		2	3		3
UNIVERSAL JOINTS, COUPLINGS				1		1	1		1
BEARINGS	1		1				1		1
OTHER				3		3	3		3
TRANSMISSION ROTOR DRIVE SYSTEM									
ENGINE DRIVE SHAFT				2		2	2		2
MAIN ROTOR DRIVE SHAFT	1		1				1		1
MAIN ROTOR BRAKE ASSEMBLY				1		1	1		1
MAIN ROTOR PULLEYS, BELTS				2		2	2		2
TAIL ROTOR DRIVE SHAFT ASSEMBLY	1		1	6		6	7		7
TAIL ROTOR GEAR BOX				3		3	3		3
CLUTCH ASSEMBLY				3		3	3		3
SPRAG SYSTEM				3		3	3		3
OTHER	1		1	2		2	3		3
FLIGHT CONTROL SYSTEMS									
CYCLIC PITCH CONTROL SYSTEM	2		2				2		2
COLLECTIVE PITCH CONTROL SYSTEM	1		1				1		1
TAIL ROTOR PITCH CONTROL SYSTEM				3		3	3		3
MISCELLANEOUS UNITS AND ASSEMBLIES									
TAIL BOOMS/PYLONS/CONES	1		1				1		1
OTHER	1		1				1		1
SUBTOTAL	12		12	36		36	48		48
** AIRPORTS/AIRWAYS/FACILITIES **									
AIRPORT FACILITIES									
RUNWAY LIGHTING					13	13		13	13
RAMP FACILITIES					1	1		1	1
OBSTRUCTION LIGHTING					1	1		1	1
OTHER		1	1	1	3	4	1	4	5
AIRPORT CONDITIONS									
WET RUNWAY		1	1	3	58	61	3	59	62
ICE/SLUSH ON RUNWAY		2	2	1	29	30	1	31	32
SNOW ON RUNWAY		1	1	5	47	52	5	48	53
SNOW WINDROWS					34	34		34	34

CAUSE/FACTOR TABLE

AIRPORTS/AIRWAYS/FACILITIES (CONTINUED)

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
UNMARKED OBSTRUCTIONS					7	7		7	7
SOFT SHOULDERS (RUNWAY)				1	18	19	1	18	19
GLASSY WATER					3	3		3	3
ROUGH WATER		1	1		1	1		2	2
HIGH VEGETATION		1	1	4	14	18	4	15	19
HIDDEN HAZARD				5	6	11	5	6	11
POORLY MAINTAINED RUNWAY SURFACE				1	21	22	1	21	22
SOFT RUNWAY		1	1	1	27	28	1	28	29
WET RAMP/TAXIWAY					1	1		1	1
ICE/SLUSH ON RAMP/TAXIWAY					1	1		1	1
SNOW ON RAMP/TAXIWAY				1	3	4	1	3	4
POORLY MAINTAINED RAMP/TAXIWAY SURFACE				1		1	1		1
OTHER		2	2	5	57	62	5	59	64
AIRWAYS FACILITIES									
H FACILITY		1	1					1	1
OTHER		1	1					1	1
SUBTOTAL		12	12	29	345	374	29	357	386
** WEATHER **									
LOW CEILING	1	166	167		66	66	1	232	233
RAIN		48	48		40	40		88	88
FOG		120	120		57	57		177	177
SNOW		29	29		22	22		51	51
HAIL				1		1	1		1
ICING CONDITIONS-INCLUDES SLEET, FREEZING RAIN, ETC	2	29	31	1	16	17	3	45	48
CONDITIONS CONDUCTIVE TO CARB/INDUCTION SYSTEM ICING		5	5		53	53		58	58
UNFAVORABLE WIND CONDITIONS		13	13	18	245	263	18	258	276
WIND SHEAR		2	2	1	11	12	1	13	14
SUDDEN WINDSHIFT				7	15	22	7	15	22
TURBULENCE IN FLIGHT, CLEAR AIR		1	1		3	3		4	4
TURBULENCE ASSOCIATED WITH CLOUDS AND/OR THUNDERSTORMS	1	19	20	2	3	5	3	22	25
DOWNDRAFTS, UPDRAFTS	1	7	8	4	56	60	5	63	68
LOCAL WHIRLWIND				5	3	8	5	3	8
TORNADO	1	2	3				1	2	3
SQUALL LINE		2	2		1	1		3	3
ADVERSE WINDS ALOFT					1	1		1	1
HIGH TEMPERATURE		2	2		3	3		5	5
OBSTRUCTIONS TO VISION		5	5		7	7		12	12
HIGH DENSITY ALTITUDE		16	16		65	65		81	81
THUNDERSTORM ACTIVITY		33	33	1	19	20	1	52	53
OTHER		4	4		5	5		9	9
SUBTOTAL	6	503	509	40	691	731	46	1194	1240
** TERRAIN **									
WET, SOFT GROUND		1	1	19	137	156	19	138	157
SNOW-COVERED		4	4	7	27	34	7	31	38
ICY					2	2		2	2
HIGH VEGETATION		1	1	11	62	73	11	63	74
HIDDEN OBSTRUCTIONS				5	17	22	5	17	22
ROUGH/UNEVEN		11	11	28	171	199	28	182	210
ROUGH WATER		1	1		5	5		6	6
GLASSY WATER					1	1		1	1
HIGH OBSTRUCTIONS	1	76	77	22	271	293	23	347	370
LOOSE GRAVEL					7	7		7	7
SANDY				3	13	16	3	13	16
OTHER		3	3	5	36	41	5	39	44
SUBTOTAL	1	97	98	100	749	849	101	846	947
** MISCELLANEOUS **									
FOREIGN OBJECT DAMAGE				3	2	5	3	2	5
SMOKE IN COCKPIT		1	1	4	7	11	4	8	12
FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS	6	1	7	1		1	1		1
UNDETERMINED	56		56	30	1	31	36	2	38
BIRD COLLISION				40		40	96		96
VORTEX TURBULENCE	3		3	2		2	2		2
PROP/JET/ROTOR BLAST				8	2	10	11	2	13
ANIMAL(S) ON RUNWAY/TAXIWAY/RAMP				4		4	4		4
EVASIVE MANEUVER TO AVOID COLLISION	4	1	5	10	2	12	10	2	12
UNQUALIFIED PERSON OPERATED AIRCRAFT	3	1	4	26	13	39	30	14	44
				8	6	14	11	7	18

CAUSE/FACTOR TABLE

MISCELLANEOUS (CONTINUED)

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
DIRECT ENTRIES	2		2	5		5	7		7
SUBTOTAL	74	4	78	141	33	174	215	37	252
GRAND TOTAL	1069	832	1901	5065	2240	7305	6134	3072	9206
** MISCELLANEOUS ACTS, CONDITIONS **									
FIRE OF UNDETERMINED ORIGIN					6	6		6	6
UNAPPROVED MODIFICATION		1	1	2	1	3	2	2	4
IMPROPER/INADEQUATE VENTING				1		1	1		1
POOR WELD	1		1	6		6	7		7
PREVIOUS DAMAGE	1		1	4	1	5	5	1	6
BRAKES FROZEN				1	1	2	1	1	2
LEAK/LEAKAGE	2	3	5	27	1	28	29	4	33
LOW FLUID LEVEL				4	2	6	4	2	6
CIRCUIT BREAKER POPPED					6	6		6	6
ARCING	1		1	1		1	2		2
LOW COMPRESSION		1	1	5	1	6	5	2	7
RUNWAY CLOSED					6	6		6	6
DOWNWIND		4	4		69	69		73	73
CARBON DEPOSITS				5	2	7	5	2	7
LANDED IN CONSTRUCTION AREA					2	2		2	2
OVER TORQUED				1		1	1		1
UNDER TORQUED	1		1	1		1	2		2
LOOSE, PART/FITTING	2	1	3	23	4	27	25	5	30
GROUND RESONANCE				5	1	6	5	1	6
BENT				3	1	4	3	1	4
BINDING				8	3	11	8	3	11
BURST				3		3	3		3
BURNED					1	1		1	1
CHAFFED		1	1	2		2	2	1	3
COLLAPSED	1		1	4		4	5		5
CROSSED	1		1				1		1
DETERIORATED				2		2	2		2
DISCONNECTED	2		2	29	1	30	31	1	32
DISTORTED				2		2	2		2
ELONGATED				2		2	2		2
EXCESSIVE-WEAR/PLAY		1	1	14	3	17	14	4	18
ERRATIC		2	2		16	16		18	18
FLUTTER	1		1	1		1	2		2
FRAYED				4		4	4		4
FRICTION, EXCESSIVE				1		1	1		1
GROUNDING				3	1	4	3	1	4
HIGH VOLTAGE BREAKDOWN				1		1	1		1
IMPROPERLY INSTALLED	5		5	17		17	22		22
JAMMED				9		9	9		9
OBSTRUCTED	2		2	26	2	28	28	2	30
OPEN				1	1	2	1	1	2
OUT OF BALANCE				1		1	1		1
OVERHEATED	2		2	7	1	8	9	1	10
PINCHED					1	1		1	1
EXCESSIVE PRESSURE				7	1	8	7	1	8
PRESSURE TOO LOW				9	2	11	9	2	11
PRESSURE, NONE				2		2	2		2
SCORED				2		2	2		2
SHEARED				3		3	3		3
STICKING				1		1	1		1
STRIPPED				2		2	2		2
STUCK				5	2	7	5	2	7
VIBRATION, EXCESSIVE				6	3	9	6	3	9
WARPED				3		3	3		3
CONGESTED RAMP/TAXIWAY					1	1		1	1
ICE-INDUCTION	1		1	3		3	4		4
FIRE IN WING				1		1	1		1
LOAD NOT JETTISONED				1	12	13	1	12	13
FAILED TO USE LANDING LIGHT(S)				1		1	1		1
INTENTIONAL GROUND-WATER LOOP-SWERVE				6	10	16	6	10	16
INTENTIONAL WHEELS UP		1	1	23	4	27	23	5	28
RAN OFF END OF RUNWAY		1	1		128	128		129	129
ALTIMETER SETTING-INCORRECT	1	1	2				1	1	2
ANTI-ICING/DEICING EQUIP-IMPROPER OPER. OF/FAILED TO USE	3	1	4	53	1	54	56	2	58
CHECKLIST-FAILED TO USE		1	1		7	7		8	8
CREW COORDINATION-POOR					3	3		3	3
DISREGARD OF GOOD OPERATING PRACTICE	3	1	4	5	4	9	8	5	13
IMPROPER EMERGENCY PROCEDURES	5		5	14	4	18	19	4	23

CAUSE/FACTOR TABLE

MISCELLANEOUS ACTS, CONDITIONS (CONTINUED)

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
FEATHERED WRONG ENGINE				2		2	2		2
GUST LOCKS ENGAGED					2	2		2	2
INSTRUCTIONS-MISINTERPRETED				1		1	1		1
INSTRUMENTS-MISREAD OR FAILED TO READ				2	1	3	2	1	3
SEAT BELT NOT FASTENED		1	1	1		1	1	1	2
NOT ALLIGNED WITH RUNWAY/INTENDED LANDING AREA				15	24	39	15	24	39
UNWARRANTED LOW FLYING	22	36	58	14	13	27	36	49	85
FAILED TO EXTEND THE LANDING FLAPS	1		1		1	1	1	1	2
FAILED TO USE ALL AVAILABLE RUNWAY	1	1	2	4	4	8	5	5	10
LANDED AT WRONG AIRPORT					5	5		5	5
INATTENTIVE TO FUEL SUPPLY	1		1	37	4	41	38	4	42
FLOW INTO BLIND CANYON	7		7	8	1	9	15	1	16
PREMATURE FLAP RETRACTION					2	2		2	2
POORLY PLANNED APPROACH		2	2	1	15	16	1	17	18
MISCALCULATED FUEL CONSUMPTION	1		1	28	5	33	29	5	34
JETTISONED LOAD		1	1		12	12		13	13
STOLEN OR UNAUTHORIZED USE OF AIRCRAFT		11	11		20	20		31	31
LANDED ON FOAMED RUNWAY					4	4		4	4
IMPROPERLY SECURED	1	1	2	14	2	16	15	3	18
COMMUNICATIONS FAILURE		1	1		1	1		2	2
ELECTRICAL FAILURE	1	1	2	2	9	11	3	10	13
ENGINE LOADED UP				15	2	17	15	2	17
EXPLOSIVE DECOMPRESSION					1	1		1	1
FATIGUE FRACTURE	12		12	25	1	26	37	1	38
FUEL GRADE-IMPROPER	1		1				1		1
HYDRAULIC FAILURE				5		5	5		5
IMPROPER GRADE OIL-LUBRICATING SYSTEM	1		1	2		2	3		3
RPM-UNCONTROLLABLE-OVERSPEED				1		1	1		1
WINDSHIELD, DIRTY, FOGGY, ETC-RESTRICTED VISION				2	11	13	2	11	13
WRONG PART	3		3	7		7	10		10
IMPROPER ALIGNMENT/ADJUSTMENT		1	1	23	11	34	23	12	35
FAILURE OF TWO OR MORE ENGINES		1	1	1	13	14	1	14	15
SEPARATION IN FLIGHT		33	33		11	11		44	44
FIRE IN CABIN/ COCKPIT/ BAGGAGE COMPARTMENT		3	3	2	6	8	2	9	11
FIRE IN ENGINE	2	2	4	5	7	12	7	9	16
FIRE IN BRAKES/ WHEEL ASSEMBLY/ WHEEL WELL	1		1				1		1
CORRODED/CORROSION	2		2	10	1	11	12	1	13
INCORRECT TRIM SETTING	2	2	4	1	1	2	3	3	6
CARGO SHIFTED	2		2				2		2
PILOT FATIGUE	1	12	13		11	11	1	23	24
FUEL EXHAUSTION	11		11	207		207	218		218
FUEL CONTAMINATION-EXCLUSIVE OF WATER IN FUEL	1	2	3	10	2	12	11	4	15
PILOT SUFFERED HEART ATTACK	2	1	3				2	1	3
ALCOHOLIC IMPAIRMENT OF EFFICIENCY AND JUDGMENT	15	15	30	3	1	4	18	16	34
HYPOXIA	1		1				1		1
CARBON MONOXIDE POISONING		1	1					1	1
ICE-IN FUEL				6		6	6		6
ICE-ENGINE				1		1	1		1
ICE-CARBURETOR	2		2	52		52	54		54
AIRFRAME ICE	15	5	20	15	11	26	30	16	46
ICE-WINDSHIELD	1	2	3	2	6	8	3	8	11
IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR CG	6	13	19	10	11	21	16	24	40
INTERFERENCE WITH FLIGHT CONTROLS	1		1	12	2	14	13	2	15
WHITEOUT		1	1	1	5	6	1	6	7
SUNGLARE		7	7	1	23	24	1	30	31
LACK OF LUBRICATION-SPECIFIC PART, NOT SYSTEM	4		4	10	1	11	14	1	15
OIL EXHAUSTION-ENGINE LUBRICATION SYSTEM	2		2	24	1	25	26	1	27
OIL CONTAMINATION				2		2	2		2
SIMULATED CONDITIONS		2	2		28	28		30	30
FUEL SIPHONING				2		2	2		2
WATER IN FUEL	7	1	8	52	2	54	59	3	62
AIRCRAFT CAME TO REST IN WATER		44	44		84	84		128	128
FROZEN, MOISTURE		1	1	1	1	2	1	2	3
MISSING		1	1	18	2	20	18	3	21
TOUCH AND GO LANDING		7	7		89	89		96	96
HYDROPLANING ON WET RUNWAY				2	8	10	2	8	10
OVERLOAD FAILURE	5	14	19	8	326	334	13	340	353
MATERIAL FAILURE	17		17	191	12	203	208	12	220
FUEL STARVATION	11		11	110		110	121		121
OIL STARVATION				3		3	3		3
IMPROPER CLEARANCE-TOLERANCE	1		1	1		1	2		2
FUEL SELECTOR POSITIONED BETWEEN TANKS				6	1	7	6	1	7

CAUSE/FACTOR TABLE

DETAILED CAUSE/FACTOR -----	FATAL ACCIDENTS -----			NONFATAL ACCIDENTS -----			ALL ACCIDENTS -----		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

DIRECT ENTRY CAUSES

PILOT-FAILED TO MAINTAIN ADEQUATE SEPARATION
 PILOT-FAILED TO MAINTAIN ADEQUATE SEPARATION
 MISC-SPIN CHUTE FAILED TO RELEASE
 PILOT-IMPROPER LANDING TECHNIQUE
 MISC-TOW RELEASED ON TKOF FOR UNDET REASON.
 MISC-FUEL STARVATION FOR UNDETERMINED REASON.
 PILOT-FAILED TO MAINTAIN ADEQUATE SEPARATION
 MISC-ACCIDENTAL FIRING OF FLARE PISTOL IN FLT.
 PILOT-FAILED TO MAINTAIN POSITIVE RATE OF CLIMB
 MISC-COLLIDED WITH RADIO CONTROLLED MODEL ACFT
 PILOT-FAILED TO MAINTAIN POSITIVE RATE OF CLIMB
 PERSONNEL-ACFT TIED DWN W/CHAINS DRG WND GSTNG 75K
 MISC-FUEL EXHAUSTION FOR UNDETERMINED REASON
 MISC-FUEL STARVATION FOR UNDETRMD RSN.

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

1979

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
1-0001	2/15/79 TIME - 1804	MIAMI, FL	BOEING 727 N727AL DAMAGE-SUBSTANTIAL	CR- 0 0 3 PX- 0 0 0	SCHED DOM CARGO SRV	AIRLINE TRANSPORT, AGE 54, 22000 TOTAL HOURS, 4000 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - MIAMI INTL OPERATOR - AIRLIFT INTERNATIONAL, INC. DEPARTURE POINT INTENDED DESTINATION HOUSTON, TX MIAMI, FL TYPE OF ACCIDENT PHASE OF OPERATION HARD LANDING LANDING LEVEL OFF/TOUCHDOWN GEAR COLLAPSED LANDING ROLL PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT COPILOT - IMPROPER LEVEL OFF						
1-0002	5/31/79 TIME - 0230	ST LOUIS, MO	CONVAIR 640 N640R DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NS/CTR REVENUE CARGO DOM	AIRLINE TRANSPORT, AGE 30, 8266 TOTAL HOURS, 39 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - LAMBERT OPERATOR - ZANTOP INTERNATIONAL AIRLINES DEPARTURE POINT INTENDED DESTINATION ST LOUIS, MO YPSILANTI, MI TYPE OF ACCIDENT PHASE OF OPERATION FIRE OR EXPLOSION ON GROUND STATIC PARKED-ENGINES NOT OPERATING PROBABLE CAUSE(S) PERSONNEL - MISCELLANEOUS-PERSONNEL OTHER REMARKS- APU CONTAINING FUEL DROPPED DURING LOADING, CAUGHT FIRE & HEAT DAMAGED A/C.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
1-0003	2/24/79	MEMPHIS,TN	BEECH 3NM N12VT DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0 OT- 0 0 3	COMMERCIAL AIR TAXI-CARGO	AIRLINE TRANSPORT, AGE 37, 7300 TOTAL HOURS, 120 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - MEMPHIS INTL DEPARTURE POINT INTENDED DESTINATION CEDAR RAPIDS,IA MEMPHIS,TN TYPE OF ACCIDENT COLLISION WITH AIRCRAFT BOTH ON GROUND LAST ENROUTE STOP SPRINGFIELD,IL PHASE OF OPERATION TAXI FROM LANDING PROBABLE CAUSE(S) PERSONNEL - TRAFFIC CONTROL PERSONNEL ISSUED IMPROPER OR CONFLICTING INSTRUCTIONS FIRE AFTER IMPACT						
1-0003	2/24/79	MEMPHIS,TN	FALCON 20 N36FE DAMAGE-SUBSTANTIAL	CR- 0 0 3 PX- 0 0 0 OT- 0 0 1	SCHED DOM CARGO SRV	AIRLINE TRANSPORT, AGE 49, 10000 TOTAL HOURS, 3300 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - MEMPHIS INTL OPERATOR - FEDERAL EXPRESS DEPARTURE POINT INTENDED DESTINATION SEATTLE,WA MEMPHIS,TN TYPE OF ACCIDENT COLLISION WITH AIRCRAFT BOTH ON GROUND LAST ENROUTE STOP DENVER,CO PHASE OF OPERATION LANDING ROLL PROBABLE CAUSE(S) PERSONNEL - TRAFFIC CONTROL PERSONNEL ISSUED IMPROPER OR CONFLICTING INSTRUCTIONS						
1-0004	12/27/79	LONDON,ENGLAND	BOEING 747 N771PA DAMAGE-SUBSTANTIAL	CR- 0 0 3 PX- 0 0 0	SCHED INTERNATL CARGO SRV	CERTIFICATE UNKNOWN, AGE UNK/NR, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, UNK/NR INSTRUMENT RATED.
NAME OF AIRPORT - HEATHROW OPERATOR - PAN AMERICAN WORLD AIRWAYS,INC. DEPARTURE POINT INTENDED DESTINATION NEW YORK,NY LONDON,ENGLAND TYPE OF ACCIDENT ENGINE TEARAWAY FIRE OR EXPLOSION ON GROUND PHASE OF OPERATION LANDING ROLL LANDING ROLL FIRE AFTER IMPACT REMARKS- INVESTIGATION UNDER THE JURISDICTION OF THE GOVERNMENT OF THE UNITED KINGDOM.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
1-0005	4/16/79 TIME - 1455	FRANKFURT, GERMANY	BOEING 747 N617US DAMAGE-SUBSTANTIAL	CR- 0 0 4 PX- 0 0 0	SCHED INTERNATL CARGO SRV	AIRLINE TRANSPORT, AGE 55, 22678 TOTAL HOURS, 393 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - FRANKFORT MAIN OPERATOR - SEABOARD WORLD AIRLINES, INC. DEPARTURE POINT - INTENDED DESTINATION FRANKFURT, GERMANY - AMSTERDAM, NETHERLAND TYPE OF ACCIDENT - PHASE OF OPERATION GROUND-WATER LOOP-SWERVE - TAKEOFF RUN GEAR COLLAPSED - TAKEOFF ABORTED FACTOR(S) PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS AIRFRAME - LANDING GEAR NOSEWHEEL STEERING MISCELLANEOUS ACTS, CONDITIONS - PRESSURE TOO LOW AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS WET RUNWAY AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SOFT SHOULDERS AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS HIDDEN HAZARD REMARKS- COLLIDED W CONCRETE COVERED CABLE DUCT. INVEST & REPORTED BY THE GOVT OF GERMANY.						
1-0006	5/27/79 TIME - 1045	BOGOTA, COLOMBIA	DOUGLAS DC-8 N814BN DAMAGE-NONE	CR- 0 0 9 PX- 0 4125	SCHED INTERNATL PASSG SRV	AIRLINE TRANSPORT, AGE UNK/NR, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - ELDORADO INTL OPERATOR - BRANIFF AIRWAYS, INC. DEPARTURE POINT - INTENDED DESTINATION BOGOTA, COLOMBIA - MIAMI, FL TYPE OF ACCIDENT - LAST ENROUTE STOP FIRE OR EXPLOSION ON GROUND - PANAMA MISCELLANEOUS - PHASE OF OPERATION - STATIC STARTING ENGINE(S) - STATIC STARTING ENGINE(S) PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS OTHER PERSONNEL - MISCELLANEOUS-PERSONNEL PASSENGER FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - FIRE IN ENGINE REMARKS- ENG TORCHED, PAX PANICKED & JUMPED FROM ACFT.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
1-0007	2/21/79 TIME - 0730	NR.HONOLULU,HI	BOEING 737 N73711 DAMAGE-NONE	CR- 0 2 3 PX- 0 0 72	SCHED DOM PASSG SRV	AIRLINE TRANSPORT, AGE UNK/NR, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
<p>OPERATOR - ALOHA AIRLINES, INC. DEPARTURE POINT INTENDED DESTINATION KONA, HA HONOLULU, HA TYPE OF ACCIDENT PHASE OF OPERATION TURBULENCE IN FLIGHT NORMAL CRUISE</p> <p>PROBABLE CAUSE(S) WEATHER - TURBULENCE, ASSOCIATED W/CLOUDS AND/OR THUNDERSTORMS PERSONNEL - FLIGHT PERSONNEL FLIGHT ATTENDANT MISCELLANEOUS ACTS, CONDITIONS - SEAT BELT NOT FASTENED</p> <p>FACTOR(S) WEATHER - THUNDERSTORM ACTIVITY MISCELLANEOUS ACTS, CONDITIONS - SEAT BELT SIGN ON WEATHER BRIEFING - COMPANY DISPATCH WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT</p> <p>SKY CONDITION CEILING AT ACCIDENT SITE SCATTERED UNLIMITED VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 5 OR OVER (UNLIMITED) NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE WIND DIRECTION-DEGREES NONE 110 WIND VELOCITY-KNOTS TYPE OF WEATHER CONDITIONS 5 VFR TYPE OF FLIGHT PLAN IFR</p> <p>REMARKS- CABIN ATTENDANTS REMAINED IN HOSPITAL OVER 48HRS FOR OBSERVATION DUE TO INJURIES.</p>						
1-0008	4/9/79 TIME - 1400	NR.DALLAS, TX	DOUGLAS DC-9 N3504T DAMAGE-NONE	CR- 0 0 5 PX- 0 112	SCHED DOM PASSG SRV	AIRLINE TRANSPORT, AGE UNK/NR, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
<p>OPERATOR - TEXAS INTERNATIONAL AIRLINES, INC. DEPARTURE POINT INTENDED DESTINATION LAS VEGAS, NV DALLAS, TX TYPE OF ACCIDENT PHASE OF OPERATION MISCELLANEOUS IN FLIGHT NORMAL CRUISE</p> <p>PROBABLE CAUSE(S) PERSONNEL - MISCELLANEOUS-PERSONNEL PASSENGER</p> <p>REMARKS- PAX CLAIMED HE HIT HEAD ON METAL MIRROR FRAME IN BLUE ROOM ENROUTE FRM LAS VEGAS.</p>						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
1-0009	11/16/79	NR.TUSAYAN,AZ TIME - 1452	MARTIN 404 N40438 DAMAGE-DESTROYED	CR- 0 3 0 PX- 0 7 34	NS/CTR REVENUE PASSG DOM	AIRLINE TRANSPORT, AGE 52, 13000 TOTAL HOURS, 1500 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - GRAND CANYON OPERATOR - NEVADA AIRLINES, INC. DEPARTURE POINT INTENDED DESTINATION TUSAYAN,AZ LAS VEGAS,NV TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION TAKEOFF INITIAL CLIMB COLLIDED WITH TREES TAKEOFF INITIAL CLIMB PROBABLE CAUSE(S) MISC-UNWANTED AUTOFEATHER FOR UNDETERMINED REASON FACTOR(S) WEATHER - TURBULENCE, ASSOCIATED W/CLOUDS AND/OR THUNDERSTORMS WEATHER - DOWNDRAFT,UPDRAFTS WEATHER - HIGH DENSITY ALTITUDE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND SKY CONDITION CEILING AT ACCIDENT SITE CLEAR UNLIMITED VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 5 OR OVER(UNLIMITED) NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE TEMPERATURE-F NONE 56 WIND DIRECTION-DEGREES WIND VELOCITY-KNOTS 40 15 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN VFR OTHER FIRE AFTER IMPACT REMARKS- SE CLIMB CPBLTY RDCD BY RISING TRRN,DENS ALT.						
1-0010	7/26/79	NR.JOPLIN,MO TIME - 1600	CONVAIR 580 N120 DAMAGE-NONE	CR- 0 0 4 PX- 0 1 37	SCHED DOM PASSG SRV	AIRLINE TRANSPORT, AGE 39, 3550 TOTAL HOURS, UNK/NR IN TYPE, INSTRU- MENT RATED.
OPERATOR - FRONTIER AIRLINES,INC. DEPARTURE POINT INTENDED DESTINATION KANSAS CITY,MO JOPLIN,MO TYPE OF ACCIDENT PHASE OF OPERATION MISCELLANEOUS IN FLIGHT NORMAL CRUISE PROBABLE CAUSE(S) PERSONNEL - MISCELLANEOUS-PERSONNEL PASSENGER REMARKS- PAX STATED THAT SHE TRIPPED OVER A BABY BOTTLE, LOST HER BALANCE AND FELL.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
1-0011	2/12/79 TIME - 1300	CLARKSBURG,WV	FRAKES M298 N29824 DAMAGE-DESTROYED	CR- 1 1 1 PX- 1 7 14	SCHED DOM PASSG SRV	AIRLINE TRANSPORT, AGE 30, 4029 TOTAL HOURS, 529 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - BENEDUM OPERATOR - U.S. AIR DEPARTURE POINT INTENDED DESTINATION CLARKSBURG,WV WASHINGTON,DC TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER UNCONTROLLED TAKEOFF INITIAL CLIMB PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING MISCELLANEOUS ACTS,CONDITIONS - AIRFRAME ICE FACTOR(S) WEATHER - SNOW WEATHER BRIEFING - COMPANY DISPATCH WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT SKY CONDITION CEILING AT ACCIDENT SITE PARTIAL OBSCURATION 1000 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 3/4 MILE OR LESS SNOW OBSTRUCTIONS TO VISION AT ACCIDENT SITE WIND VELOCITY-KNOTS NONE CALM TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN IFR IFR REMARKS- SNOW ON WING & EMPENNAGE SURFACES.CRASHED INVERTED.						
1-0012	2/15/79 TIME - 0911	CHICAGO,IL	BOEING 727 N467DA DAMAGE-NONE	CR- 0 0 9 PX- 0 0106 DT- 0 0 6	SCHED DOM PASSG SRV	AIRLINE TRANSPORT, AGE 40, 8000 TOTAL HOURS, 1200 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - O'HARE INTL OPERATOR - DELTA AIR LINES,INC. DEPARTURE POINT INTENDED DESTINATION CHICAGO,IL ORLANDO,FL TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH AIRCRAFT BOTH ON GROUND TAXI TO TAKEOFF PROBABLE CAUSE(S) PERSONNEL - TRAFFIC CONTROL PERSONNEL ISSUED IMPROPER OR CONFLICTING INSTRUCTIONS PILOT-FAILED TO MAINTAIN VIGIL FOR LANDING TRAFFIC FACTOR(S) PERSONNEL - TRAFFIC CONTROL PERSONNEL INADEQUATE SPACING OF AIRCRAFT REMARKS- NEAR-COLLISION.CLEARED TO CROSS AN ACTIVE RWY.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
I-0012	2/15/79 TIME - 0911	CHICAGO, IL	BOEING 747 N804FT DAMAGE-SUBSTANTIAL	CR- 0 0 3 PX- 0 0 3 OT- 0 0115	SCHED DOM CARGO SRV	AIRLINE TRANSPORT, AGE 53, 12567 TOTAL HOURS, 498 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - O'HARE INTL OPERATOR - FLYING TIGER LINE, INC. DEPARTURE POINT INTENDED DESTINATION SEATTLE, WA NEW YORK, NY TYPE OF ACCIDENT COLLISION WITH AIRCRAFT BOTH ON GROUND LAST ENROUTE STOP CHICAGO, IL PHASE OF OPERATION LANDING ROLL PROBABLE CAUSE(S) PERSONNEL - TRAFFIC CONTROL PERSONNEL ISSUED IMPROPER OR CONFLICTING INSTRUCTIONS FACTOR(S) PERSONNEL - TRAFFIC CONTROL PERSONNEL INADEQUATE SPACING OF AIRCRAFT MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION REMARKS- NEAR-COLLISION. APCH CONTROLLER FAILED TO EFFECT ADEQUATE SPACING BTN THIS ACFT & PRECEDING ACFT.						
I-0013	4/18/79 TIME - 1823	NEWARK, NJ	SIKORSKY S61-L N618PA DAMAGE-SUBSTANTIAL	CR- 0 3 0 PX- 3 10 2	SCHED DOM PASSG SRV	AIRLINE TRANSPORT, AGE 49, 12000 TOTAL HOURS, 2500 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - NEWARK INTL OPERATOR - NEW YORK AIRWAYS, INC. DEPARTURE POINT INTENDED DESTINATION NEWARK, NJ FLUSHING, NY TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE TAIL ROTOR ROLL OVER PHASE OF OPERATION IN FLIGHT CLIMB TO CRUISE LANDING POWER-OFF AUTOROTATIVE LANDING PROBABLE CAUSE(S) ROTORCRAFT - ROTOR ASSEMBLIES TAIL ROTOR BLADES MISCELLANEOUS ACTS, CONDITIONS - FATIGUE FRACTURE MISCELLANEOUS ACTS, CONDITIONS - VIBRATION, EXCESSIVE FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - SEPARATION IN FLIGHT EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP. REMARKS- T/R BLADE SEPD, THEN T/R GEARBOX, ROTOR ASSY SEP.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
1-0014	6/24/79 TIME - 0050	ATLANTA,GA	LOCKHEED L-1011 N724DA DAMAGE-NONE	CR- 0 0 12 PX- 0 1 86	SCHED DOM PASSG SRV	AIRLINE TRANSPORT, AGE 58, 28272 TOTAL HOURS, 750 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - ATLANTA MUNICIPAL OPERATOR - DELTA AIR LINES, INC. DEPARTURE POINT INTENDED DESTINATION ATLANTA,GA NEW YORK,NY TYPE OF ACCIDENT PHASE OF OPERATION FIRE OR EXPLOSION ON GROUND STATIC STARTING ENGINE(S) MISCELLANEOUS STATIC STARTING ENGINE(S) PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS OTHER PERSONNEL - FLIGHT PERSONNEL FLIGHT ATTENDANT MISCELLANEOUS ACTS, CONDITIONS - IMPROPER EMERGENCY PROCEDURES PERSONNEL - MISCELLANEOUS-PERSONNEL PASSENGER FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - FIRE IN ENGINE FIRE AFTER IMPACT REMARKS- HOT START. EVAC NOT ORDERED BY FLT CREW. PAX USED SLIDE BFR FULLY DEPLOYED, FELL TO RAMP.						
1-0015	7/15/79 TIME - 2210	FT. LAUDERDALE, FL	LOCKHEED L1011 N707DA DAMAGE-NONE	CR- 0 0 12 PX- 0 2206	SCHED DOM PASSG SRV	AIRLINE TRANSPORT, AGE 48, 19584 TOTAL HOURS, 570 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - FT LAUD-HOLLYWOOD OPERATOR - DELTA AIR LINES, INC. DEPARTURE POINT INTENDED DESTINATION FT. LAUDERDALE, FL ATLANTA, GA TYPE OF ACCIDENT PHASE OF OPERATION MISCELLANEOUS TAXI TO TAKEOFF PROBABLE CAUSE(S) MISC-PAX INJURED DURING EVACUATION REMARKS- CREW ADVISED OF BOMB THREAT.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
1-0016	2/9/79 TIME - 1712	NR.MIAMI,FL	DOUGLAS DC-9 N8910E DAMAGE-DESTROYED	CR- 0 2 2 PX- 0 0 1	TRAINING	AIRLINE TRANSPORT, AGE 45, 12898 TOTAL HOURS, 1959 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - DADE-COLLIER JET OPERATOR - EASTERN AIR LINES, INC. DEPARTURE POINT INTENDED DESTINATION MIAMI, FL LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER UNCONTROLLED TAKEOFF INITIAL CLIMB PROBABLE CAUSE(S) COPILOT - IMPROPER OPERATION OF FLIGHT CONTROLS COPILOT - LACK OF FAMILIARITY WITH AIRCRAFT PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - SIMULATED CONDITIONS REMARKS- FIRST OFFICER TRAINEE UPGRADE TRNG FLT.CHECK CAPTAIN ADM SIMULATED LEFT ENGINE FAILURE AT LIFTOFF.						
1-0017	11/18/79 TIME - 0456	SALT LAKE CITY, UT	LOCKHEED 188C N859U DAMAGE-DESTROYED	CR- 3 0 0 PX- 0 0 0	MILITARY CTR CARGO DOM	AIRLINE TRANSPORT, AGE 46, 20000 TOTAL HOURS, 3140 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - SALT LK CTY INTL OPERATOR - TRANS-INTERNATIONAL AIRLINES, INC. DEPARTURE POINT INTENDED DESTINATION OGDEN, UT LAS VEGAS, NV TYPE OF ACCIDENT PHASE OF OPERATION MISCELLANEOUS IN FLIGHT CLIMB TO CRUISE AIRFRAME FAILURE IN FLIGHT IN FLIGHT UNCONTROLLED DESCENT PROBABLE CAUSE(S) SYSTEMS - ELECTRICAL SYSTEM OTHER MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE MISCELLANEOUS ACTS, CONDITIONS - ELECTRICAL FAILURE PILOT IN COMMAND - SPATIAL DISORIENTATION FACTOR(S) WEATHER - RAIN WEATHER - ICING CONDITIONS-INCLUDES SLEET, FREEZING RAIN, ETC. MISCELLANEOUS ACTS, CONDITIONS - SEPARATION IN FLIGHT WEATHER BRIEFING - BRIEFED BY WEATHER BUREAU PERSONNEL, IN PERSON WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT SKY CONDITION CEILING AT ACCIDENT SITE BROKEN/LOWER SCATTERED 3200 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 5 OR OVER(UNLIMITED) RAIN SHOWERS OBSTRUCTIONS TO VISION AT ACCIDENT SITE TEMPERATURE-F NONE 41 WIND DIRECTION-DEGREES WIND VELOCITY-KNOTS 180 7 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN VFR IFR FIRE AFTER IMPACT REMARKS- PROGRESSIVE VOLTAGE DECAY ON PRIORITY BUS A SYS FOR UNDET REASON.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
1-0018	1/19/79 TIME - 0943	ST LOUIS,MO	CONVAIR CV580 N73161 DAMAGE-SUBSTANTIAL	CR- 0 0 3 PX- 0 0 0	FERRY	AIRLINE TRANSPORT, AGE 45, 10000 TOTAL HOURS, 130 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - LAMBERT-ST LOUIS OPERATOR - FRONTIER AIRLINES,INC. DEPARTURE POINT INTENDED DESTINATION KANSAS CITY,MO ST LOUIS,MO TYPE OF ACCIDENT PHASE OF OPERATION GEAR COLLAPSED TAXI FROM LANDING PROBABLE CAUSE(S) AIRFRAME - LANDING GEAR GEAR LOCKING MECHANISM MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE REMARKS- NLG DRAG STRUT BROKE, PLN 340-5210105.						
1-0019	1/5/79 TIME - 2021	UMIAT,AK	LOCKHEED 188A N403GN DAMAGE-DESTROYED	CR- 0 0 6 PX- 0 0 9	NS/CTR REVENUE PASSG DOM	AIRLINE TRANSPORT, AGE 45, 13000 TOTAL HOURS, 4000 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - INIGOK OPERATOR - GREAT NORTHERN AIRLINES DEPARTURE POINT INTENDED DESTINATION ANCHORAGE,AK LNLY DEW STATION,AK TYPE OF ACCIDENT PHASE OF OPERATION UNDERSHOOT LANDING FINAL APPROACH COLLIDED WITH OBJECT LANDING LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT COPILOT - MISJUDGED DISTANCE AND ALTITUDE COPILOT - FAILED TO INITIATE GO-AROUND FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - POORLY PLANNED APPROACH MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE FIRE AFTER IMPACT						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
1-0020	4/21/79 TIME - 0132	MOSINEE,WI	DOUGLAS DC-9 N941N DAMAGE-SUBSTANTIAL	CR- 0 0 4 PX- 0 0 37	SCHED DOM PASSG SRV	AIRLINE TRANSPORT, AGE 50, 19838 TOTAL HOURS, 2530 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - CENTRAL WISCONSIN OPERATOR - NORTH CENTRAL AIRLINES,INC. DEPARTURE POINT INTENDED DESTINATION MILWAUKEE,WI MOSINEE,WI TYPE OF ACCIDENT DRAGGED WINGTIP,POD,OR FLOAT PROBABLE CAUSE(S) COPILOT - IMPROPER OPERATION OF FLIGHT CONTROLS PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT FACTOR(S) WEATHER - UNFAVORABLE WIND CONDITIONS MISCELLANEOUS ACTS,CONDITIONS - NOT ALIGNED WITH RUNWAY/INTENDED LANDING AREA WEATHER BRIEFING - COMPANY DISPATCH SKY CONDITION OVERCAST VISIBILITY AT ACCIDENT SITE 5 OR OVER(UNLIMITED) OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE TEMPERATURE-F 45 WIND VELOCITY-KNOTS 10 TYPE OF FLIGHT PLAN IFR REMARKS- WND GUSTING APRX 15KTS.						
CEILING AT ACCIDENT SITE 500 PRECIPITATION AT ACCIDENT SITE NONE RELATIVE BEARING OF WIND LEFT QUARTERING TAIL WIND 203-247 DEGREES WIND DIRECTION-DEGREES 295 TYPE OF WEATHER CONDITIONS IFR						
1-0021	8/7/79 TIME - 2337	EL PASO,TX	BOEING 727 N40490 DAMAGE-SUBSTANTIAL	CR- 0 0 7 PX- 0 0 36	SCHED DOM PASSG SRV	AIRLINE TRANSPORT, AGE 40, 9500 TOTAL HOURS, 3000 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - EL PASO INTL OPERATOR - CONTINENTAL AIR LINES,INC. DEPARTURE POINT INTENDED DESTINATION HOUSTON,TX TUCSON,AZ TYPE OF ACCIDENT GEAR RETRACTED PROBABLE CAUSE(S) AIRFRAME - LANDING GEAR GEAR LOCKING MECHANISM MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - BINDING MISCELLANEOUS ACTS,CONDITIONS - CORRODED/CORROSION REMARKS- DOWN-LOCK ROD FAILED,PN 69-33654-4.						
LAST ENROUTE STOP EL PASO,TX PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
1-0022	4/4/79 TIME - 2148	NR.SAGINAW,MI	BOEING 727-31 N840TW DAMAGE-SUBSTANTIAL	CR- 0 0 7 PX- 0 0 82	SCHED DOM PASSG SRV	AIRLINE TRANSPORT, AGE 44, 15710 TOTAL HOURS, 2597 IN TYPE, INSTRUMENT RATED.
OPERATOR - TRANS WORLD AIRLINES,INC.						
DEPARTURE POINT		INTENDED DESTINATION				
JAMAICA,NY		MINEAPLS-ST PAUL,MN				
TYPE OF ACCIDENT			PHASE OF OPERATION			
UNCONTROLLED ALTITUDE DEVIATIONS			IN FLIGHT NORMAL CRUISE			
REMARKS- UNDER INVESTIGATION.						
1-0023	9/12/79 TIME - 0615	NR.SOUTH CAICOS,BWI	CURTIS-WRT C-46D N7768B DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 1	NS/CTR REVENUE CARGO INTL	AIRLINE TRANSPORT, AGE 33, 9023 TOTAL HOURS, 6044 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - SOUTH CAICOS						
OPERATOR - RICH INTERNATIONAL AIRWAYS						
DEPARTURE POINT		INTENDED DESTINATION				
MIAMI,FL		ST THOMAS,VI				
TYPE OF ACCIDENT			PHASE OF OPERATION			
UNDETERMINED			UNKNOWN/NOT REPORTED			
REMARKS- LWR FUSELAGE,ENGS & PROPS DMG.INVESTIGATION UNDER JURISDICTION OF GOV OF BRITISH WEST INDIES.						
1-0024	11/24/79 TIME - 0208	NR.FREEPORT,BAHAMAS	CONVAIR 440 N444JM DAMAGE-SUBSTANTIAL	CR- 0 0 3 PX- 0 1 42	NS/CTR REVENUE PASSG INTL	AIRLINE TRANSPORT, AGE 55, 15192 TOTAL HOURS, 6800 IN TYPE, INSTRUMENT RATED.
OPERATOR - MACKEY INTERNATIONAL						
DEPARTURE POINT		INTENDED DESTINATION				
FREEPORT,BAHAMAS		FT LAUDERDALE,FL				
TYPE OF ACCIDENT			PHASE OF OPERATION			
FIRE OR EXPLOSION IN FLIGHT			IN FLIGHT CLIMB TO CRUISE			
ENGINE TEARAWAY			LANDING TRAFFIC PATTERN-CIRCLING			
EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT						
			SMOKE IN COCKPIT			
			SUSPECTED MECHANICAL DISCREPANCY			
FIRE AFTER IMPACT						
REMARKS- FIRE IN R WHEEL WELL/ENG.ENG SEPARATED BFR LNDG.INVESTIGATION UNDER JURISDICTION OF GOV OF BAHAMAS						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
1-0025	10/14/79 TIME - 1850	PANAMA CTY,PANAMA	DOUGLAS DC-8 N1809E DAMAGE-SUBSTANTIAL	CR- 0 0 9 PX- 0 0138	SCHED INTERNATL PASSG SRV	AIRLINE TRANSPORT, AGE 57, 22518 TOTAL HOURS, 6086 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - TOCUMEN OPERATOR - BRANIFF AIRWAYS,INC. DEPARTURE POINT INTENDED DESTINATION MIAMI,FL PANAMA CTY,PANAMA TYPE OF ACCIDENT PHASE OF OPERATION GROUND-WATER LOOP-SWERVE LANDING ROLL GEAR COLLAPSED LANDING ROLL						
REMARKS- INVESTIGATION UNDER JURISDICTION OF THE GOVT.OF THE REPUBLIC OF PANAMA.						
1-0026	10/31/79 TIME - 0542	MEXICO CITY,MEX	DOUGLAS DC-10 N903WA DAMAGE-DESTROYED	CR- 11 0 2 PX- 61 13 2 OT- 1 0 0	SCHED INTERNATL PASSG SRV	AIRLINE TRANSPORT, AGE 53, 31500 TOTAL HOURS, 2248 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - LICENCIADO BENITO OPERATOR - WESTERN AIR LINES,INC. DEPARTURE POINT INTENDED DESTINATION LOS ANGELES,CA MEXICO CITY,MEX TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH AUTOMOBILE LANDING GO-AROUND						
PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IFR OPERATION. PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC. MISCELLANEOUS ACTS,CONDITIONS - RUNWAY CLOSED FIRE AFTER IMPACT						
REMARKS- INVEST & REPORTED BY GOVT OF MEX.RWY 23R ASSIGNED,INITIAL T/D OFF 23L.HIT TRUCK.WX-FOG.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
1-0027	6/17/79 TIME - 2248	HYANNIS,MA	DEHAVILLAND DHC-6 N383EX DAMAGE-DESTROYED	CR- 1 1 0 PX- 0 6 2	SCHED DOM PASSG SRV	AIRLINE TRANSPORT, AGE 60, 25101 TOTAL HOURS, 951 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - BARNSTABLE MUNI OPERATOR - AIR NEW ENGLAND DEPARTURE POINT INTENDED DESTINATION LAST ENROUTE STOP FLUSHING,NY HYANNIS,MA NEW BEDFORD,CT TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH TREES LANDING FINAL APPROACH PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IFR OPERATION FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - PILOT FATIGUE WEATHER - LOW CEILING WEATHER - RAIN WEATHER - FOG WEATHER BRIEFING - BRIEFING RECEIVED-METHOD UNKNOWN WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT SKY CONDITION CEILING AT ACCIDENT SITE OBSCURATION 200 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 3/4 MILE OR LESS DRIZZLE OBSTRUCTIONS TO VISION AT ACCIDENT SITE TEMPERATURE-F FOG 67 WIND DIRECTION-DEGREES WIND VELOCITY-KNOTS 210 10 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN IFR IFR REMARKS- PIC TAKING POLYTHIAZIDE,A HYPERTENSIVE MEDICATION,& ALLOPURINAL FOR GOUT.FLEW 9HRS IN LAST 24HR PD						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
1-0028	5/25/79 TIME - 1504	CHICAGO,IL	DOUGLAS DC-10 N110AA DAMAGE-DESTROYED	CR- 13 0 0 PX-258 0 0 OT- 2 2 0	SCHED DOM PASSG SRV	AIRLINE TRANSPORT, AGE 53, 22500 TOTAL HOURS, 3000 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - CHICAGO-O'HARE OPERATOR - AMERICAN AIRLINES,INC. DEPARTURE POINT INTENDED DESTINATION CHICAGO,IL LOS ANGELES,CA TYPE OF ACCIDENT PHASE OF OPERATION ENGINE TEARAWAY TAKEOFF INITIAL CLIMB STALL TAKEOFF INITIAL CLIMB PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE,SERVICING,INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL) AIRFRAME - WINGS NACELLES,PODS,PYLONS MISCELLANEOUS ACTS,CONDITIONS - PREVIOUS DAMAGE MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE FACTOR(S) PERSONNEL - PRODUCTION-DESIGN-PERSONNEL POOR/INADEQUATE DESIGN MISCELLANEOUS ACTS,CONDITIONS - ASYMETRICAL FLAPS MISCELLANEOUS ACTS,CONDITIONS - HYDRAULIC FAILURE MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT FIRE AFTER IMPACT REMARKS- #1 PYLON DMGD DURG MAINT PROC DVLDPD BY OPRR.SLAT DISAGRMT & STALL WARNING LGTS INOP AFT ENG SEP.						
1-0029	9/18/79 TIME - 0507	PALATINE,IL	BOEING 707 N7566 DAMAGE-SUBSTANTIAL	CR- 0 0 3 PX- 0 0 0	SCHED DOM CARGO SRV	AIRLINE TRANSPORT, AGE 44, 11500 TOTAL HOURS, 1500 IN TYPE, INSTRUMENT RATED.
OPERATOR - AMERICAN AIRLINES,INC. DEPARTURE POINT INTENDED DESTINATION SAN FRANCISCO,IL CHICAGO,IL TYPE OF ACCIDENT PHASE OF OPERATION AIRFRAME FAILURE IN FLIGHT LANDING INITIAL APPROACH REMARKS- UNDER INVESTIGATION.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
1-0030	4/21/79 TIME - 2110	NR,PANAMA CITY,PNMA	BOEING 707 N453PA DAMAGE-NONE	CR- 0 0 9 PX- 0 1 78	SCHED INTERNATL PASSG SRV	AIRLINE TRANSPORT, AGE 49, 16047 TOTAL HOURS, 9355 IN TYPE, INSTRUMENT RATED.
<p>OPERATOR - PAN AMERICAN WORLD AIRWAYS, INC. DEPARTURE POINT INTENDED DESTINATION MANAGUA, NICARAUGUA PANAMA CITY, PNMA TYPE OF ACCIDENT PHASE OF OPERATION TURBULENCE IN FLIGHT DESCENDING</p> <p>PROBABLE CAUSE(S) WEATHER - TURBULENCE, ASSOCIATED W/CLOUDS AND/OR THUNDERSTORMS PERSONNEL - MISCELLANEOUS-PERSONNEL PASSENGER PERSONNEL - FLIGHT PERSONNEL FLIGHT ATTENDANT MISCELLANEOUS ACTS, CONDITIONS - SEAT BELT NOT FASTENED FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - SEAT BELT SIGN ON 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 ZERO RAIN OBSTRUCTIONS TO VISION AT ACCIDENT SITE TYPE OF WEATHER CONDITIONS UNKNOWN/NOT REPORTED VFR TYPE OF FLIGHT PLAN IFR</p>						
1-0031	8/18/79 TIME - 0338	DILLINGHAM, AK	BOEING 737 N4907 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 2	SCHED DOM CARGO SRV	AIRLINE TRANSPORT, AGE 33, 5671 TOTAL HOURS, 176 IN TYPE, INSTRUMENT RATED.
<p>NAME OF AIRPORT - DILLINGHAM OPERATOR - WIEN AIR ALASKA DEPARTURE POINT INTENDED DESTINATION ANCHORAGE, AK DILLINGHAM, AK TYPE OF ACCIDENT LAST ENROUTE STOP GEAR COLLAPSED DILLINGHAM, AK PHASE OF OPERATION LANDING ROLL</p> <p>PROBABLE CAUSE(S) AIRFRAME - LANDING GEAR OTHER MISCELLANEOUS ACTS, CONDITIONS - CORRODED/CORROSION MISCELLANEOUS ACTS, CONDITIONS - FATIGUE FRACTURE REMARKS- LWR DRAG STRUT BOLT, PN 69-39473-2, FAILED. INTERGRANULAR CORROSION EMANATING FR WORN CHROME PLATING.</p>						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
1-0032	4/19/79 TIME - 1253	PHILADELPHIA,PA	BOEING 727 N6821 DAMAGE-SUBSTANTIAL	CR- 0 0 6 PX- 0 0 65	SCHED DOM PASSG SRV	AIRLINE TRANSPORT, AGE 45, 11414 TOTAL HOURS, 3372 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - PHILADELPHIA INTL OPERATOR - AMERICAN AIRLINES, INC. DEPARTURE POINT INTENDED DESTINATION HOUSTON, TX PHILADELPHIA, PA TYPE OF ACCIDENT PHASE OF OPERATION HARD LANDING LANDING LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) COPILOT - IMPROPER OPERATION OF FLIGHT CONTROLS COPILOT - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS REMARKS- WIND GUSTS TO 19 KTS.						
4-0001	3/22/79 TIME - 2329	ST LOUIS, MO	DOUGLAS DC-9 N412EA DAMAGE-MINOR	CR- 0 0 6 PX- 0 0 93	SCHED DOM PASSG SRV	AIRLINE TRANSPORT, AGE 51, 10888 TOTAL HOURS, 4404 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - LAMBERT-ST LOUIS OPERATOR - EASTERN AIR LINES, INC. DEPARTURE POINT INTENDED DESTINATION ATLANTA, GA ST LOUIS, MO TYPE OF ACCIDENT PHASE OF OPERATION GROUND-WATER LOOP-SWERVE LANDING ROLL COLLIDED WITH RUNWAY OR APPROACH LIGHTS LANDING ROLL PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL FACTOR(S) WEATHER - SUDDEN WINDSHIFT WEATHER - RAIN AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS WET RUNWAY MISCELLANEOUS ACTS, CONDITIONS - HYDROPLANING ON WET RUNWAY WEATHER BRIEFING - COMPANY DISPATCH WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT SKY CONDITION CEILING AT ACCIDENT SITE OVERCAST 600 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 1 MILE OR LESS RAIN SHOWERS OBSTRUCTIONS TO VISION AT ACCIDENT SITE RELATIVE BEARING OF WIND FOG RIGHT QUARTERING HEAD WIND 023-067 DEGREES WIND DIRECTION-DEGREES WIND VELOCITY-KNOTS 180 20 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN IFR IFR REMARKS- HEAVY RAIN SHOWER DURING LND. WND GUSTING 28KTS.						

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
4-0002	1/12/79 TIME - 1724	NEWARK,NJ	LOCKHEED L-1011 N324EA DAMAGE-MINOR	CR- 0 0 10 PX- 0 0227	SCHED DOM PASSG SRV	AIRLINE TRANSPORT, AGE 55, 22475 TOTAL HOURS, 505 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - NEWARK OPERATOR - EASTERN AIR LINES, INC. DEPARTURE POINT INTENDED DESTINATION LAST ENROUTE STOP MIAMI, FL NEWARK, NJ ATLANTA, GA TYPE OF ACCIDENT PHASE OF OPERATION FIRE OR EXPLOSION ON GROUND TAXI FROM LANDING						
PROBABLE CAUSE(S) SYSTEMS - AIR CONDITION, HEATING AND PRESSURIZATION OTHER MISCELLANEOUS ACTS, CONDITIONS - LEAK/LEAKAGE MISCELLANEOUS ACTS, CONDITIONS - ARCING FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - FIRE IN CABIN, COCKPIT, BAGGAGE COMPARTMENT REMARKS- FIRE DEVELOPED FWD WASTE TANK COMP. HEATER NIPPLE FAILED.						
4-0003	1/8/79 TIME - 1630	LOS ANGELES, CA	BOEING 727 N2811W DAMAGE-MINOR	CR- 0 0 7 PX- 0 0114	SCHED DOM PASSG SRV	ATP, FLIGHT INSTR., AGE 52, 15000 TOTAL HOURS, 4400 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - LOS ANGELES INTL OPERATOR - WESTERN AIR LINES, INC. DEPARTURE POINT INTENDED DESTINATION LOS ANGELES, CA SALT LAKE CITY, UT TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION TAKEOFF RUN						
PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION INADEQUATE INSPECTION OF AIRCRAFT (MAINTENANCE PERSONNEL) POWERPLANT - MISCELLANEOUS FOREIGN OBJECT DAMAGE COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE REMARKS- SHEET METAL WORKERS BRASS HEAD HAMMER INGESTED BY NR 2 ENG. ABORTED.						
4-0004	3/14/79 TIME - 0316	DALLAS, TX	BOEING 747 N601BN DAMAGE-NONE	CR- 1 0 19 PX- 0 0319	SCHED INTERNATL PASSG SRV	AIRLINE TRANSPORT, AGE 59, 29322 TOTAL HOURS, 606 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT OPERATOR - BRANIFF AIRWAYS, INC. DEPARTURE POINT INTENDED DESTINATION HONOLULU, HI D/FW AIRPORT, TX TYPE OF ACCIDENT PHASE OF OPERATION MISCELLANEOUS IN FLIGHT NORMAL CRUISE						
PROBABLE CAUSE(S) PILOT IN COMMAND - INCAPACITATION MISCELLANEOUS ACTS, CONDITIONS - PILOT SUFFERED HEART ATTACK						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
4-0005	3/2/79 TIME - 0745	MINNEAPOLIS,MN	BOEING B727 N2819W DAMAGE-MINOR	CR- 0 0 7 PX- 0 0 77	SCHED DOM PASSG SRV	AIRLINE TRANSPORT, AGE 45, 11200 TOTAL HOURS, 4000 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - MINNEAPOLIS-ST PL OPERATOR - WESTERN AIR LINES,INC. DEPARTURE POINT INTENDED DESTINATION SEATTLE,WA MINNEAPOLIS,MN TYPE OF ACCIDENT PHASE OF OPERATION WHEELS-UP LANDING LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) AIRFRAME - LANDING GEAR NORMAL RETRACTION/EXTENSION ASSEMBLY MISCELLANEOUS ACTS,CONDITIONS - JAMMED REMARKS- UNABLE TO EXTEND RT MAIN GEAR DUE TO JAMMING OF LANDING GEAR WHEELS INTO OUTER MAIN GEAR DOOR						
4-0006	1/29/79 TIME - 1050	GRAND JUNCTION,CO	BOEING 737 N7373F DAMAGE-NONE	CR- 0 0 2 PX- 0 0 0	SCHED DOM PASSG SRV	AIRLINE TRANSPORT, AGE UNK/NR, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - WALKER FIELD OPERATOR - FRONTIER AIRLINES,INC. DEPARTURE POINT INTENDED DESTINATION DENVER,CO GRAND JUNCTION,CO TYPE OF ACCIDENT PHASE OF OPERATION MISCELLANEOUS LANDING FINAL APPROACH PROBABLE CAUSE(S) SYSTEMS - HYDRAULIC SYSTEM SEALS SYSTEMS - FLIGHT CONTROL SYSTEMS FLIGHT CONTROL BOOST SYSTEMS, HYDRAULIC REMARKS- AILERON CONTROL BECAME STIFF WHILE ON FINAL APPROACH. NUMBER OF PAX ONBOARD NOT DETERMINED.						
4-0007	1/20/79 TIME - 2218	NR.DENVER,CO	DOUGLAS DC-10 N1872U DAMAGE-NONE	CR- 0 0 11 PX- 0 0 0	SCHED DOM PASSG SRV	AIRLINE TRANSPORT, AGE UNK/NR, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT OPERATOR - UNITED AIR LINES,INC. DEPARTURE POINT INTENDED DESTINATION CHICAGO,IL LOS ANGELES,CA TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT NORMAL CRUISE PROBABLE CAUSE(S) POWERPLANT - COMPRESSOR ASSEMBLY BLADE,COMPRESSOR ROTOR MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE REMARKS- NUMBER OF PAX ONBOARD NOT DETERMINED.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
4-0008	4/10/79 TIME - 1756	CHICAGO,IL	BOEING 707 N8413 DAMAGE-NONE	CR- 0 0 8 PX- 0 0 87	SCHED DOM PASSG SRV	AIRLINE TRANSPORT, AGE 50, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, INSTRU- MENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - O'HARE OPERATOR - AMERICAN AIRLINES, INC. DEPARTURE POINT CHICAGO,IL INTENDED DESTINATION TULSA,OK TYPE OF ACCIDENT MISCELLANEOUS PHASE OF OPERATION TAKEOFF RUN PROBABLE CAUSE(S) SYSTEMS - FIRE WARNING SYSTEM POWERPLANT MISCELLANEOUS ACTS, CONDITIONS - GROUNDED REMARKS- FALSE FIRE WARNING LIGHT NUMBER TWO ENGINE ON TAKEOFF ROLL AT 90 KNOTS.						
4-0009	7/18/79 TIME - 2053	NR.CHARLOTTESVILLE,VA	NAMC YS-11A N259P DAMAGE-MINOR	CR- 0 0 4 PX- 0 0 18	SCHED DOM PASSG SRV	AIRLINE TRANSPORT, AGE UNK/NR, 8000 TOTAL HOURS, 2000 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT OPERATOR - PIEDMONT AVIATION, INC. DEPARTURE POINT CINCINNATI, OH INTENDED DESTINATION WASHINGTON, DC TYPE OF ACCIDENT FIRE OR EXPLOSION IN FLIGHT LAST ENROUTE STOP LYNCHBURG, VA PHASE OF OPERATION IN FLIGHT CLIMB TO CRUISE PROBABLE CAUSE(S) POWERPLANT - TURBINE ASSEMBLY CASING MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE REMARKS- 6-8 INCH CRACK TURBINE NOZZLE BOX BETWEEN NR 1&2 FLAME TUBES. FIRE CONFINED TO ENG NACELLE.						
4-0010	9/16/79 TIME - 0825	FRANKFORT, GERMANY	BOEING 747 N754PA DAMAGE-MINOR	CR- 0 0 16 PX- 0 0218	SCHED INTERNATL PASSG SRV	ATP, FLIGHT INSTR., AGE UNK/NR, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - FRANKFORT OPERATOR - PAN AMERICAN WORLD AIRLINES DEPARTURE POINT NEW YORK, NY INTENDED DESTINATION FRANKFORT, GERMANY TYPE OF ACCIDENT HARD LANDING PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) COPILOT - IMPROPER LEVEL OFF PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT REMARKS- ACFT FLOATED 10FT OFF GROUND BFR DROPPING IN.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
4-0011	6/21/79 TIME - 1210	DENVER,CO	BOEING 727 N422BN DAMAGE-MINOR	CR- 0 0 6 PX- 0 0 0	SCHED DOM PASSG SRV	AIRLINE TRANSPORT, AGE UNK/NR, 5500 TOTAL HOURS, 500 IN TYPE, INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT NAME OF AIRPORT - STAPLETON OPERATOR - BRANIFF AIRWAYS, INC. DEPARTURE POINT INTENDED DESTINATION DENVER,CO UNKNOWN/NOT REPORTED TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH AIRPORT HAZARD TAXI TO TAKEOFF</p> <p>PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED CLEARANCE REMARKS- WINGTIP STRUCK BACKHOE PARKED NEAR TAXIWAY. NUMBER OF PAX NOT REPORTED.</p>						
4-0012	9/9/79 TIME - 2208	LOS ANGELES,CA	BOEING 747 N804FT DAMAGE-MINOR	CR- 0 0 3 PX- 0 0 0	FERRY	AIRLINE TRANSPORT, AGE UNK/NR, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT NAME OF AIRPORT - LOS ANGELES INTL OPERATOR - FLYING TIGER LINE, INC. DEPARTURE POINT INTENDED DESTINATION LOS ANGELES,CA SEATTLE,WA TYPE OF ACCIDENT PHASE OF OPERATION FIRE OR EXPLOSION ON GROUND TAKEOFF ABORTED</p> <p>PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL) POWERPLANT - FUEL SYSTEM LINES AND FITTINGS MISCELLANEOUS ACTS, CONDITIONS - DISCONNECTED REMARKS- FUEL LINE BETWEEN PYLON & #4 ENG AT HORZ FIRE WALL DISCONNECTED.</p>						
4-0013	7/19/79 TIME - 1110	FRESNO,CA	BOEING 737 N73717 DAMAGE-MINOR	CR- 0 0 5 PX- 0 0100	SCHED DOM PASSG SRV	AIRLINE TRANSPORT, AGE 39, 6918 TOTAL HOURS, 2400 IN TYPE, INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT NAME OF AIRPORT - FRESNO AIR TERM OPERATOR - AIR CALIFORNIA DEPARTURE POINT INTENDED DESTINATION FRESNO,CA SANTA ANA,CA TYPE OF ACCIDENT PHASE OF OPERATION FIRE OR EXPLOSION IN FLIGHT IN FLIGHT CLIMB TO CRUISE</p> <p>PROBABLE CAUSE(S) AIRFRAME - LANDING GEAR WHEELS, TIRES, AXLES MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - FIRE IN BRAKES, WHEEL ASSEMBLY, WHEEL WELL</p>						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
4-0014	6/1/79 TIME - 0735	AGANA, GUAM	BOEING 747 N743PA DAMAGE-NONE	CR- 0 0 16 PX- 0 0318	SCHED INTERNATL PASSG SRV	AIRLINE TRANSPORT, AGE 52, 15000 TOTAL HOURS, 530 IN TYPE, INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT OPERATOR - PAN AMERICAN WORLD AIRWAYS, INC. DEPARTURE POINT INTENDED DESTINATION AGANA, GUAM MANILA, PHILIPPINES TYPE OF ACCIDENT PHASE OF OPERATION MISCELLANEOUS IN FLIGHT NORMAL CRUISE</p> <p>PROBABLE CAUSE(S) SYSTEMS - AIR CONDITION, HEATING AND PRESSURIZATION PRESSURIZATION CONTROL AND INDICATING SYSTEM MISCELLANEOUS ACTS, CONDITIONS - STUCK REMARKS- RAPID DECOMPRESSION, LOSS OF OUTFLOW VALVE CONTROL.</p>						
4-0015	8/29/79 TIME - 0249	JAMAICA, NY	BOEING 747 N9673 DAMAGE-MINOR	CR- 0 0 3 PX- 0 0 0	SCHED DOM CARGO SRV	AIRLINE TRANSPORT, AGE 59, 24000 TOTAL HOURS, 4480 IN TYPE, INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT NAME OF AIRPORT - JFK INTL OPERATOR - AMERICAN AIRLINES, INC. DEPARTURE POINT INTENDED DESTINATION JAMAICA, NY LOS ANGELES, CA TYPE OF ACCIDENT PHASE OF OPERATION AIRFRAME FAILURE IN FLIGHT TAKEDOFF RUN FIRE OR EXPLOSION IN FLIGHT TAKEOFF RUN</p> <p>PROBABLE CAUSE(S) AIRFRAME - LANDING GEAR WHEELS, TIRES, AXLES MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE FACTOR(S) PERSONNEL - DISPATCHING (AIR CARRIER ONLY) DISPATCHED FLIGHT OVERWEIGHT/IMPROPER CENTER OF GRAVITY MISCELLANEOUS ACTS, CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G. REMARKS- L GR TIRES FAILED DRG ROLL, ALL OTHER TIRES FAILED DRG ABORT, APRX 5015LBS OVR MAX BRAKE RELEASE WGT</p>						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
4-0016	2/23/79	NR.YAKUTAT,AK	BOEING 727 N314AS DAMAGE-NONE	CR- 0 0 8 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 - ALASKA AIRLINES, INC. DEPARTURE POINT ANCHORAGE, AK INTENDED DESTINATION JUNEAU, AK TYPE OF ACCIDENT TURBULENCE PHASE OF OPERATION IN FLIGHT NORMAL CRUISE</p> <p>PROBABLE CAUSE(S) WEATHER - TURBULENCE IN FLIGHT, CLEAR AIR PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC.</p> <p>FACTOR(S) PERSONNEL - FLIGHT PERSONNEL FLIGHT ATTENDANT PERSONNEL - MISCELLANEOUS-PERSONNEL PASSENGER MISCELLANEOUS ACTS, CONDITIONS - SEAT BELT NOT FASTENED MISCELLANEOUS ACTS, CONDITIONS - SEAT BELT SIGN ON WEATHER BRIEFING - COMPANY DISPATCH WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT</p> <p>SKY CONDITION CLEAR CEILING AT ACCIDENT SITE UNLIMITED VISIBILITY AT ACCIDENT SITE 5 OR OVER (UNLIMITED) PRECIPITATION AT ACCIDENT SITE NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE TYPE OF WEATHER CONDITIONS VFR TYPE OF FLIGHT PLAN IFR</p> <p>REMARKS- FASTEN SEAT BELT ANNOUNCEMENT NOT MADE. FLT ATTENDANTS DID NOT CK PAX SEAT BELTS.</p>						
4-0017	9/30/79	PACIFIC OCEAN	BOEING 747 N750PA DAMAGE-NONE	CR- 1 0 16 PX- 0 0300	SCHED INTERNATL PASSG SRV	AIRLINE TRANSPORT, AGE 59, 26195 TOTAL HOURS, UNK/NR IN TYPE, INSTRU- MENT RATED.
<p>CLASSIFIED AS INCIDENT OPERATOR - PAN AMERICAN WORLD AIRLINES DEPARTURE POINT HONOLULU, HI INTENDED DESTINATION LOS ANGELES, CA TYPE OF ACCIDENT MISCELLANEOUS PHASE OF OPERATION IN FLIGHT DESCENDING</p> <p>PROBABLE CAUSE(S) PILOT IN COMMAND - INCAPACITATION MISCELLANEOUS ACTS, CONDITIONS - PILOT SUFFERED HEART ATTACK</p>						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
4-0018	10/31/79 TIME - 2150	THIEF RIV FLS,MN	CONVAIR 580 N4822C DAMAGE-MINOR	CR- 0 0 3 PX- 0 0 18	SCHED DOM PASSG SRV	AIRLINE TRANSPORT, AGE 41, UNK/NR TOTAL HOURS, 3228 IN TYPE, INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT</p> <p>NAME OF AIRPORT - THIEF RIV FLS REG</p> <p>OPERATOR - REPUBLIC AIRLINES</p> <p>DEPARTURE POINT INTENDED DESTINATION LAST ENROUTE STOP</p> <p>MINNEAPOLIS,MN THIEF RIV FLS,MN BRAINERD,MN</p> <p>TYPE OF ACCIDENT PHASE OF OPERATION</p> <p>GROUND-WATER LOOP-SWERVE LANDING ROLL</p> <p>COLLIDED WITH RUNWAY OR APPROACH LIGHTS LANDING ROLL</p> <p>PROBABLE CAUSE(S)</p> <p>PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL</p> <p>FACTOR(S)</p> <p>WEATHER - SNOW</p> <p>WEATHER BRIEFING - COMPANY DISPATCH</p> <p>WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT</p> <p>SKY CONDITION CEILING AT ACCIDENT SITE</p> <p>OBSCURATION 700</p> <p>VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE</p> <p>2 MILES OR LESS SNOW</p> <p>OBSTRUCTIONS TO VISION AT ACCIDENT SITE RELATIVE BEARING OF WIND</p> <p>BLOWING SNOW RIGHT QUARTERING HEAD WIND 023-067 DEGREES</p> <p>TEMPERATURE-F WIND DIRECTION-DEGREES</p> <p>32 340</p> <p>WIND VELOCITY-KNOTS TYPE OF WEATHER CONDITIONS</p> <p>15 IFR</p> <p>TYPE OF FLIGHT PLAN</p> <p>IFR</p>						
4-0019	7/14/79 TIME - 1710	SALTARY COVE,AK	CESSNA 207 N29CF DAMAGE-NONE	CR- 0 0 1 PX- 0 0 1	SCHED DOM PASSG SRV	COMMERCIAL, AGE 21, 650 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT</p> <p>OPERATOR - KODIAK WESTERN ALASKA AIRLINES,INC.</p> <p>DEPARTURE POINT INTENDED DESTINATION LAST ENROUTE STOP</p> <p>KODIAK,AK RETURN UNKNOWN/NOT REPORTED</p> <p>TYPE OF ACCIDENT PHASE OF OPERATION</p> <p>ENGINE FAILURE OR MALFUNCTION IN FLIGHT NORMAL CRUISE</p> <p>PROBABLE CAUSE(S)</p> <p>POWERPLANT - LUBRICATING SYSTEM OTHER</p> <p>POWERPLANT - ENGINE STRUCTURE MASTER AND CONNECTING RODS</p> <p>MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE</p> <p>COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE</p> <p>EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND</p> <p>REMARKS- LOSS OF OIL PRESSURE FOR UNKN RSN.</p>						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
4-0020	7/25/79 TIME - 1230	TIN CITY,AK	BRITTNORMAN BN-2A N31MN DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 3	SCHED DOM PASSG SRV	COMMERCIAL, AGE 36, 8040 TOTAL HOURS, 4110 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - TIN CITY OPERATOR - MUNTZ NORTHERN AIRLINES DEPARTURE POINT INTENDED DESTINATION NOME,AK TIN CITY,AK TYPE OF ACCIDENT PHASE OF OPERATION OVERTSHOT LANDING LEVEL OFF/TOUCHDOWN GROUND-WATER LOOP-SWERVE LANDING ROLL PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND FACTOR(S) WEATHER - LOW CEILING WEATHER - UNFAVORABLE WIND CONDITIONS MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND MISCELLANEOUS ACTS,CONDITIONS - INTENTIONAL GROUND-WATER-LOOP-SWERVE WEATHER BRIEFING - OTHER WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT SKY CONDITION CEILING AT ACCIDENT SITE OVERCAST 500 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 4 MILES OR LESS NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE WIND DIRECTION-DEGREES FOG 170 WIND VELOCITY-KNOTS TYPE OF WEATHER CONDITIONS 22 IFR TYPE OF FLIGHT PLAN VFR REMARKS- WX BRIEFING BY RADIO W NON-FAA FAC.WND GUSTING 26KTS.UN VISUAL APCH INTO WND.						
4-0021	9/15/79 TIME - 1400	NR.CIMARRON,NM	BOEING 727 N7444U DAMAGE-NONE	CR- 0 0 3 PX- 0 1108	SCHED DOM PASSG SRV	AIRLINE TRANSPORT, AGE UNK/NR, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT OPERATOR - UNITED AIR LINES,INC. DEPARTURE POINT INTENDED DESTINATION SAN DIEGO,CA CHICAGO,IL TYPE OF ACCIDENT PHASE OF OPERATION MISCELLANEOUS IN FLIGHT NORMAL CRUISE PROBABLE CAUSE(S) PERSONNEL - MISCELLANEOUS-PERSONNEL PASSENGER REMARKS- ELDERLY PAX FELL IN LAVATORY & BROKE ANKLE.PAX & CREW RPRTD NO TURBULENCE.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
4-0022	6/21/79	NR.HUTCHINSON,KS	LOCKHEED L-1011 N11001 DAMAGE-MINOR	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 - TRANS WORLD AIRLINES, INC. DEPARTURE POINT INTENDED DESTINATION NEW YORK, NY LOS ANGELES, CA TYPE OF ACCIDENT PHASE OF OPERATION HAIL DAMAGE TO AIRCRAFT IN FLIGHT NORMAL CRUISE</p> <p>PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO USE OR INCORRECTLY USED MISC.EQUIPMENT FACTOR(S) WEATHER - HAIL WEATHER BRIEFING - COMPANY DISPATCH WEATHER FORECAST - UNKNOWN/NOT REPORTED</p> <p>SKY CONDITION CEILING AT ACCIDENT SITE OVERCAST 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</p> <p>REMARKS- TOTAL NUMBER PAX NOT REPORTED. CREW STATED UTILIZING RADAR IN CONTOUR MODE BETWEEN 100 & 300NM RG.</p>						
4-0023	11/25/79	NR.MINERAL WELLS, TX	LOCKHEED L-1011 N714DA DAMAGE-NONE	CR- 1 0 11 PX- 0 0200	SCHED DOM PASSG SRV	AIRLINE TRANSPORT, AGE 47, 13966 TOTAL HOURS, 57 IN TYPE, INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT OPERATOR - DELTA AIR LINES, INC. DEPARTURE POINT INTENDED DESTINATION LOS ANGELES, CA ATLANTA, GA TYPE OF ACCIDENT PHASE OF OPERATION MISCELLANEOUS IN FLIGHT NORMAL CRUISE</p> <p>PROBABLE CAUSE(S) PILOT IN COMMAND - INCAPACITATION MISCELLANEOUS ACTS, CONDITIONS - PILOT SUFFERED HEART ATTACK</p>						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
4-0024	8/30/79 TIME - 1030	CHICAGO,IL	DOUGLAS DC-9 N772NC DAMAGE-MINOR	CR- 0 0 5 PX- 0 0111	SCHED DOM PASSG SRV	AIRLINE TRANSPORT, AGE UNK/NR, UNK/NR TOTAL HOURS, 3302 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - O'HARE INTL OPERATOR - NORTH CENTRAL AIRLINES,INC. DEPARTURE POINT INTENDED DESTINATION MILWAUKEE,WI CHICAGO,IL TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH OBJECT TAXI FROM LANDING PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED CLEARANCE REMARKS- R WING TIP COLLIDED W ROAD GRADER NR EDGE OF TWY.						
4-0025	10/1/79 TIME - 2215	NR.FT.WORTH,TX	BOEING 727 N465 DAMAGE-NONE	CR- 0 1 6 PX- 0 0 57	SCHED DOM PASSG SRV	AIRLINE TRANSPORT, AGE UNK/NR, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT OPERATOR - BRANIFF AIRWAYS,INC. DEPARTURE POINT INTENDED DESTINATION FT.WORTH,TX SEATTLE,WA TYPE OF ACCIDENT PHASE OF OPERATION MISCELLANEOUS IN FLIGHT NORMAL CRUISE PROBABLE CAUSE(S) COPILOT - PHYSICAL IMPAIRMENT REMARKS- CO-PILOT PASSED OUT,LANDED SALT LAKE CITY,UT.ABNORMAL HEMATOLOGIC STATE.						

U . S . GENERAL AVIATION BRIEFS

NATIONAL TRANSPORTATION SAFETY BOARD
WASHINGTON, D. C. 20594
BRIEFS OF U.S. GENERAL AVIATION ACCIDENTS
OCCURRING ON U.S. SOIL
SUPPLEMENTAL ISSUE

1979

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3926	5/25/79 TIME - 2040	BULLEN POINT, AK	DEHAVND CAN DHC-4A N581PA DAMAGE-DESTROYED	CR- 3 0 0 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	AIRLINE TRANSPORT, AGE 53, 14738 TOTAL HOURS, 2630 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - BULLEN POINT DEPARTURE POINT INTENDED DESTINATION BULLEN POINT, AK DEADHORSE, AK TYPE OF ACCIDENT PHASE OF OPERATION STALL TAKEOFF INITIAL CLIMB PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC. MISCELLANEOUS ACTS, CONDITIONS - CARGO SHIFTED FACTOR(S) PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL INADEQUATE GROUND TRAINING-PROCEDURES FIRE AFTER IMPACT REMARKS- ACFT CONFIGD FOR STOL DEP. CRASHED 1400FT FM START PT. STOL OPN NOT APPROVED. NEW LOADMASTER.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3953	7/2/79 TIME - 1530	NR.PORTAGE,AK	ENSTROM F-28C N532H DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 20, 1322 TOTAL HOURS, 44 IN TYPE, NOT INSTRU- MENT RATED.
		DEPARTURE POINT ANCHORAGE,AK	INTENDED DESTINATION PORTAGE,AK			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING POWER-OFF AUTOROTATIVE LANDING			
PROBABLE CAUSE(S) POWERPLANT - ENGINE STRUCTURE MASTER AND CONNECTING RODS MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE						
FACTOR(S) TERRAIN - WET,SOFT GROUND PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- NO 2 CONNECTING ROD CAP & BOLT FAILED.ROTOR BLADE HIT TAIL DRG FORCED LNDG ON TUNDRA.CO FLT PLN.						
3-3976	7/23/79 TIME - 0745	PT.SHERMAN,AK	PIPER PA-28 N6396C DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL BUSINESS	COMMERCIAL, AGE 26, 1236 TOTAL HOURS, 401 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT JUNEAU,AK	INTENDED DESTINATION HAINES,AK			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION GEAR COLLAPSED	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING LEVEL OFF/TOUCHDOWN			
PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE,SERVICING,INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL) POWERPLANT - ENGINE STRUCTURE VALVE ASSEMBLIES MISCELLANEOUS ACTS,CONDITIONS - IMPROPER ALIGNMENT/ADJUSTMENT MISCELLANEOUS ACTS,CONDITIONS - LACK OF LUBRICATION-SPECIFIC PART,NOT SYSTEM TERRAIN - ROUGH/UNEVEN						
FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- OIL HOLES IN ROCKER ARM BUSHING & SHAFT DISPLACED 80DEG.LNDD ON ROCKY BEACH.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3954	8/7/79 TIME - 1110	NIKISHKI, AK	CESSNA 207A N6469H DAMAGE-SUBSTANTIAL	CR- 1 1 0 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	ATP, FLIGHT INSTR., AGE 45, 9500 TOTAL HOURS, 2000 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - BUTLER AVIATION DEPARTURE POINT INTENDED DESTINATION NIKISHKI, AK RETURN TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH TREES LAST ENROUTE STOP KODIAK, AK PHASE OF OPERATION TAKEOFF INITIAL CLIMB TAKEOFF INITIAL CLIMB PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS FACTOR(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - MISUSED OR FAILED TO USE FLAPS AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS WET RUNWAY AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SOFT RUNWAY MISCELLANEOUS ACTS, CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G. TERRAIN - HIGH OBSTRUCTIONS PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE REMARKS- MOMENTARY PWR REDUCTION. UPHILL RWY W DIP IN CTR. 340LBS OVER MAX TKOF WT. TURNED, COL W DEAD SNAG TR.						
3-3927	8/7/79 TIME - 1700	ANCHORAGE, AK	PIPER PA-18 N7186D DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 27, 900 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - BUSH STRIP DEPARTURE POINT INTENDED DESTINATION UNKNOWN/NOT REPORTED LOCAL TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE COLLISION WITH GROUND/WATER CONTROLLED PHASE OF OPERATION TAKEOFF RUN TAKEOFF INITIAL CLIMB PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL FACTOR(S) PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3950	9/30/79 TIME - 1415	SCAMMON BAY, AK	CESSNA T207A N7305U DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	COMMERCIAL, AGE 34, 1505 TOTAL HOURS, 355 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - SCAMMON BAY DEPARTURE POINT INTENDED DESTINATION BETHEL, AK RETURN TYPE OF ACCIDENT LAST ENROUTE STOP OVERSHOOT PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN						
PROBABLE CAUSE(S) PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - DOWNWIND MISCELLANEOUS ACTS, CONDITIONS - RAN OFF END OF RUNWAY REMARKS- NOSE WHEEL DMGD(AFTER MISHAP) WHILE TOWING ACFT TO RWY.						
3-3977	10/10/79 NR. ILIAMNA, AK TIME - 1100		CESSNA U206 N733GH DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 36, 2243 TOTAL HOURS, 150 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION ILIAMNA, AK LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER CONTROLLED TAKEOFF INITIAL CLIMB						
PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS REMARKS- WIND GUSTING 60K.						
3-3952	10/25/79 KOTZEBUE, AK TIME - 1000		BEECH E18S N477GM DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 29, UNK/NR TOTAL HOURS, 40 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - RALPH WIEN MEML DEPARTURE POINT INTENDED DESTINATION KOTZEBUE, AK SELAWIK, AK TYPE OF ACCIDENT LAST ENROUTE STOP ENGINE FAILURE OR MALFUNCTION UNKNOWN/NOT REPORTED WHEELS-UP PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN						
PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING MISCELLANEOUS ACTS, CONDITIONS - INTENTIONAL WHEELS-UP PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- LNDD GEAR UP ON FRZN LAKE TO PREVENT GEAR BRKG THRU ICE. INSUF ENG WARM-UP. FROST ON WINGS.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3981	10/30/79	BETTLES, AK	DOUGLAS DC-3	CR- 2 0 0	COMMERCIAL	ATP, FLIGHT INSTR., AGE
	TIME - 1030		N99663	PX- 0 0 0	AIR TAXI-CARGO	37, 7000 TOTAL HOURS,
			DAMAGE-SUBSTANTIAL			1000 IN TYPE, INSTRUMENT
						RATED.
		NAME OF AIRPORT - BETTLES				
		DEPARTURE POINT	INTENDED DESTINATION		LAST ENROUTE STOP	
		FAIRBANKS, AK	AMBLER, AK		BETTLES, AK	
		TYPE OF ACCIDENT			PHASE OF OPERATION	
		COLLIDED WITH PARKED AIRCRAFT			LANDING FINAL APPROACH	
		PROBABLE CAUSE(S)				
		PILOT IN COMMAND - IMPROPER IFR OPERATION				
		FACTOR(S)				
		WEATHER - LOW CEILING				
		WEATHER - FOG				
		WEATHER - SNOW				
		WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, IN PERSON				
		WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT				
		SKY CONDITION			CEILING AT ACCIDENT SITE	
		OBSCURATION			500	
		VISIBILITY AT ACCIDENT SITE			PRECIPITATION AT ACCIDENT SITE	
		1/2 MILE OR LESS			SNOW	
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE			RELATIVE BEARING OF WIND	
		BLOWING SNOW			CALM	
		TEMPERATURE-F			WIND VELOCITY-KNOTS	
		28			CALM	
		TYPE OF WEATHER CONDITIONS			TYPE OF FLIGHT PLAN	
		BELOW MINIMUMS			IFR	
		REMARKS- HIT 3 PARKED ACFT 50FT RIGHT OF RWY, ALL SUBSTANTIAL DMG. NO ALTERNATE FILED. LOC/DME APCH.				

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3978	11/19/79 TIME - 1030	BARROW,AK	CESSNA 185 N4711Q DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEDUS FERRY	ATP, FLIGHT INSTR., AGE 59, 15900 TOTAL HOURS, 1200 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - WILEY-POST MUNI. DEPARTURE POINT INTENDED DESTINATION ATKASUK,AK BARROW,AK TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER CONTROLLED IN FLIGHT NORMAL CRUISE PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED ALTITUDE FACTOR(S) WEATHER - OBSTRUCTIONS TO VISION TERRAIN - SNOW-COVERED SKY CONDITION CEILING AT ACCIDENT SITE SCATTERED 18000 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 2 MILES OR LESS SNOW SHOWERS OBSTRUCTIONS TO VISION AT ACCIDENT SITE TEMPERATURE-F BLOWING SNOW 0 WIND DIRECTION-DEGREES WIND VELOCITY-KNOTS 330 19 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN IFR VFR REMARKS- FLEW INTO GROUND.						
3-3991	11/24/79 TIME - UNK/NR	FAREWELL,AK	BELL 47G3BI N73249 DAMAGE-SUBSTANTIAL	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL BUSINESS	STUDENT, AGE 36, 159 TOTAL HOURS, 2 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - FAREWELL DEPARTURE POINT INTENDED DESTINATION MCGRATH,AK FAREWELL,AK TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER UNCONTROLLED IN FLIGHT UNCONTROLLED DESCENT PROBABLE CAUSE(S) PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL FACTOR(S) WEATHER - FOG WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, IN PERSON WEATHER FORECAST - UNKNOWN/NOT REPORTED SKY CONDITION CEILING AT ACCIDENT SITE PARTIAL OBSCURATION 3500 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 2 MILES OR LESS UNKNOWN/NOT REPORTED OBSTRUCTIONS TO VISION AT ACCIDENT SITE TYPE OF WEATHER CONDITIONS FOG IFR TYPE OF FLIGHT PLAN NONE REMARKS- PLT HAD TOTAL OF 1.6HRS HELD TIME.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3979	11/30/79 TIME - 1130	LACHBUNA LK,AK	CESSNA 185 N522VA DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 31, 1991 TOTAL HOURS, 150 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT PORT ALSWORTH,AK	INTENDED DESTINATION LACHBUNA LK,AK	PHASE OF OPERATION LANDING ROLL		
		TYPE OF ACCIDENT NOSE OVER/DOWN				
		PROBABLE CAUSE(S) PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN FACTOR(S) TERRAIN - OTHER REMARKS- 600FT L-SHAPED FROZEN GRAVEL BAR.				
3-4000	12/4/79 TIME - 1500	MARSHALL,AK	CESSNA 206 N9575G DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 34, 6831 TOTAL HOURS, 1303 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - MARSHALL DEPARTURE POINT ANVIK,AK	INTENDED DESTINATION MARSHALL,AK	PHASE OF OPERATION LANDING ROLL LANDING ROLL		
		TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE COLLIDED WITH SNOWBANK				
		PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL FACTOR(S) PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SNOW ON RUNWAY AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SNOW WINDROWS				
3-3997	8/18/79 TIME - 1100	COTTONWOOD,AZ	PIPER PA-24 N7725P DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 62, 5000 TOTAL HOURS, 2500 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - COTTONWOOD DEPARTURE POINT SEDONA,AZ	INTENDED DESTINATION COTTONWOOD,AZ	PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN		
		TYPE OF ACCIDENT GEAR RETRACTED				
		PROBABLE CAUSE(S) AIRFRAME - LANDING GEAR NOSEWHEEL ASSEMBLIES MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE AIRFRAME - LANDING GEAR NORMAL RETRACTION/EXTENSION ASSEMBLY MISCELLANEOUS ACTS,CONDITIONS - DISCONNECTED REMARKS- L REAR N/G DRAG LIN,P/N 23109-000,TWISTED.R MLG RET CBL ROD END,P/N 452-377,BROKE.PRIOR W/UP LNDG.				

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3992	9/1/79	YUMA, AZ	MOONEY M-20J	CR- 0 0 1	NONCOMMERCIAL	PRIVATE, AGE 58, 803
	TIME - UNK/NR		N201TU	PX- 0 0 2	PLEASURE/PERSONAL TRANSP	TOTAL HOURS, 12 IN TYPE,
			DAMAGE-SUBSTANTIAL			NOT INSTRUMENT RATED.
		NAME OF AIRPORT - YUMA				
		DEPARTURE POINT	INTENDED DESTINATION			
		HAYWARD, CA	YUMA, AZ			
		TYPE OF ACCIDENT			PHASE OF OPERATION	
		HARD LANDING			LANDING LEVEL OFF/TOUCHDOWN	
		GEAR COLLAPSED			LANDING LEVEL OFF/TOUCHDOWN	
		PROBABLE CAUSE(S)				
		PILOT IN COMMAND - IMPROPER LEVEL OFF				
		PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING				
		FACTOR(S)				
		MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE				
3-3970	9/9/79	NR. LANCASTER, CA	CESSNA 172	CR- 1 0 0	NONCOMMERCIAL	COMMERCIAL, AGE 52, 920
	TIME - 1758		N5747A	PX- 0 2 1	PLEASURE/PERSONAL TRANSP	TOTAL HOURS, UNK/NR IN
			DAMAGE-DESTROYED			TYPE, NOT INSTRUMENT
		NAME OF AIRPORT - PRIVATE STRIP				RATED.
		DEPARTURE POINT	INTENDED DESTINATION			
		LANCASTER, CA	LOCAL			
		TYPE OF ACCIDENT			PHASE OF OPERATION	
		STALL			TAKEOFF INITIAL CLIMB	
		PROBABLE CAUSE(S)				
		PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING				
		FACTOR(S)				
		PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING				
		REMARKS- ENG ACCESS DOOR OPENED. REDUCED PWR, STALL HORN SOUNDED, REPLIED YES FOR FLAPS, FULL FLAPS EXTD BY PAX				

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3990	10/13/79	NR.OJAI,CA TIME - 1900	CESSNA 152 N49216 DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 18, 59 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT FULLERTON,CA	INTENDED DESTINATION SANTA BARBARA,CA			
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	CONTROLLED	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE		
PROBABLE CAUSE(S)						
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING						
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS						
PILOT IN COMMAND - BECAME LOST/DISORIENTED						
FACTOR(S)						
WEATHER - LOW CEILING						
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED						
WEATHER FORECAST - UNKNOWN/NOT REPORTED						
MISSING AIRCRAFT - LATER RECOVERED						
		SKY CONDITION BROKEN/LOWER SCATTERED	CEILING AT ACCIDENT SITE 3000			
		VISIBILITY AT ACCIDENT SITE 5 OR OVER(UNLIMITED)	PRECIPITATION AT ACCIDENT SITE DRIZZLE			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG	WIND DIRECTION-DEGREES 210			
		WIND VELOCITY-KNOTS 10	TYPE OF WEATHER CONDITIONS IFR			
		TYPE OF FLIGHT PLAN NONE				
		FIRE AFTER IMPACT				
REMARKS- OXNARD WX.HIT MTN 3100FT MSL.RECOVERY DATE 10/26/80.						
3-3962	10/19/79	PALO ALTO,CA TIME - 2316	SWEARINGEN SA26AT N65103 DAMAGE-DESTROYED	CR- 0 1 0 PX- 2 0 0	NONCOMMERCIAL BUSINESS	ATP,FLIGHT INSTR., AGE 33, 3331 TOTAL HOURS, 197 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - PALO ALTO				
		DEPARTURE POINT BAKERSFIELD,CA	INTENDED DESTINATION PALO ALTO,CA			
		TYPE OF ACCIDENT BIRD STRIKE HARD LANDING	PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN LANDING LEVEL OFF/TOUCHDOWN			
PROBABLE CAUSE(S)						
MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS						
PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING						
PILOT IN COMMAND - SPONTANEOUS-IMPROPER ACTION						
REMARKS- IFR CANCELLED,VFR LDG HARD,ABORTED LDG ROLL LEFT CRASHED INVERTED.L ENG BIRD INJECTION.7 ACFT DMGD						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3967	7/19/79 TIME - 1721	NR.NORTHGLENN,CO	AERO COMDR 680FL N291NC DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	AIRLINE TRANSPORT, AGE 49, 5026 TOTAL HOURS, 50 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT DENVER,CO	INTENDED DESTINATION BOISE, ID			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLISION WITH GROUND/WATER CONTROLLED		PHASE OF OPERATION IN FLIGHT CLIMB TO CRUISE LANDING LEVEL OFF/TOUCHDOWN		
PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL) POWERPLANT - FUEL SYSTEM FUEL INJECTION SYSTEM POWERPLANT - FUEL SYSTEM LINES AND FITTINGS MISCELLANEOUS ACTS, CONDITIONS - IMPROPERLY INSTALLED POWERPLANT - MISCELLANEOUS DETONATION MISCELLANEOUS ACTS, CONDITIONS - OBSTRUCTED PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING MISCELLANEOUS ACTS, CONDITIONS - FEATHERED WRONG ENGINE COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- PRIMER LINE INSTALLED IN PLACE OF INJECTOR LINE ON LT ENG. RED PARTICLES FOUND IN #7 FUEL INJECTOR.						
3-3995	9/11/79 TIME - 1900	NR.GRAND JUNCTION,CO	CESSNA 206 N830IQ DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 5	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 31, 650 TOTAL HOURS, 182 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT GRAND JUNCTION,CO	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT COLLIDED WITH TREES		PHASE OF OPERATION LANDING GO-AROUND		
PROBABLE CAUSE(S) PERSONNEL - MISCELLANEOUS-PERSONNEL PASSENGER FACTOR(S) AIRFRAME - FUSELAGE DOORS, DOOR FRAMES EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- UN RETRACT FLAPS, DOORS COULD BE SPRUNG JUST ENOUGH TO ACTIVATE DOOR MICROSWITCH.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3986	9/16/79 TIME - 1800	RIFLE,CO	CESSNA TU206G N756KW DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL TRAINING	STUDENT, AGE 41, 85 TOTAL HOURS, 56 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - GARFIELD COUNTY DEPARTURE POINT INTENDED DESTINATION EAGLE,CO RIFLE,CO TYPE OF ACCIDENT PHASE OF OPERATION GROUND-WATER LOOP-SWERVE LANDING ROLL NOSE OVER/DOWN LANDING ROLL PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL FACTOR(S) AIRFRAME - LANDING GEAR WHEELS,TIRES,AXLES MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE REMARKS- PLT RPRTD-NOSE WHL HOP DRG LNDG BFR DEPG RWY.NOSE TIRE SEPD FM RIM.						
3-3984	10/17/79 TIME - 1445	BYERS,CO	PIPER PA-28 N3986X DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 40, 142 TOTAL HOURS, 112 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - PRIVATE DEPARTURE POINT INTENDED DESTINATION GREELEY CO. BYERS,CO TYPE OF ACCIDENT PHASE OF OPERATION UNDERSHOOT LANDING FINAL APPROACH GEAR COLLAPSED LANDING LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE						
3-3929	11/16/79 TIME - 1115	NR.CENTER,CO	BELLANCA 14-19 N8525R DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 48, 5125 TOTAL HOURS, 1900 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - LEACH DEPARTURE POINT INTENDED DESTINATION FT.COLLINS,CO CENTER,CO TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION LANDING TRAFFIC PATTERN-CIRCLING COLLISION WITH GROUND/WATER CONTROLLED LANDING LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS,CONDITIONS - INATTENTIVE TO FUEL SUPPLY MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- PLT STATED ALLOWED R FUEL TANK TO RUN DRY WHILE ON L BASE,COULD NOT GET ENG TO RESTART.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3985	11/17/79 TIME - 1130	FORT COLLINS, CO	SKYBOLT NEWLND N246N DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 39, 507 TOTAL HOURS, 25 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - DWNTWN FT COLLINS DEPARTURE POINT INTENDED DESTINATION DENVER, CO FORT COLLINS, CO TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH BUILDING(S) PHASE OF OPERATION IN FLIGHT DESCENDING LANDING LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS, CONDITIONS - FUEL EXHAUSTION FACTOR(S) POWERPLANT - POWERPLANT-INSTRUMENTS FUEL QUANTITY GAUGE MISCELLANEOUS ACTS, CONDITIONS - LEAK/LEAKAGE TERRAIN - OTHER COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- 3/4 GAL/HR FUEL LEAK IN LN TO SIGHT GAUGE. GAUGE NOT VISIBLE TO PLT, REAR SEAT. FLT TIME APRX 45MIN.						
3-3928	12/2/79 TIME - 0950	NR. LONGMONT, CO	CESSNA 182 N97640 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 47, 633 TOTAL HOURS, 271 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - LONGMONT MUNI DEPARTURE POINT INTENDED DESTINATION LONGMONT, CO RIFLE, CO TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING PHASE OF OPERATION TAKEOFF INITIAL CLIMB LANDING LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS FACTOR(S) TERRAIN - SNOW-COVERED PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- SNOW COVERED FLAT TERRAIN. CARB HEAT FOUND FULL ON, MIXTURE FOUND RICH.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3931	12/5/79 TIME - 1900	ENGLEWOOD,CO	PIPER PA-18 N82065 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PRACTICE	COMMERCIAL, FL.INSTR., AGE 26, 418 TOTAL HOURS, 16 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - ARAPAHOE COUNTY						
DEPARTURE POINT		INTENDED DESTINATION				
ENGLEWOOD,CO		LOCAL				
TYPE OF ACCIDENT				PHASE OF OPERATION		
ENGINE FAILURE OR MALFUNCTION				TAKEOFF INITIAL CLIMB		
NOSE OVER/DOWN				LANDING ROLL		
PROBABLE CAUSE(S)						
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS						
FACTOR(S)						
TERRAIN - SNOW-COVERED						
MISCELLANEOUS ACTS,CONDITIONS - NOT ALIGNED WITH RUNWAY/INTENDED LANDING AREA						
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE						
EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.						
REMARKS- AFTER ENG LOST PWR ON TKOF,PLT MADE 180DEG TURN & ATMTD LNDG ON TWY.WHEELS BROKE THRU SNOW CRUST.						
3-3930	12/12/79 NR. TIME - 1515	LONGMONT,CO	CESSNA 310K N7058L DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 46, 6226 TOTAL HOURS, 45 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - LONGMONT						
DEPARTURE POINT		INTENDED DESTINATION				
LONGMONT,CO		LOCAL				
TYPE OF ACCIDENT				PHASE OF OPERATION		
ENGINE FAILURE OR MALFUNCTION				LANDING GO-AROUND		
COLLIDED WITH WIRES/POLES				LANDING GO-AROUND		
PROBABLE CAUSE(S)						
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS						
PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND						
FACTOR(S)						
TERRAIN - HIGH OBSTRUCTIONS						
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE						
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
REMARKS- PIC RPRTD LOSS OF PWR DRG GO-ARND FM SNGL ENG APCH.UN TO CLB,COLLIDED W TEL POLE & WIRES.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3901	12/23/79	NR.GRAND LAKE,CO	PIPER PA-23 N2013P DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 1 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	AIRLINE TRANSPORT, AGE 41, 6200 TOTAL HOURS, 25 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT LONGMONT,CO	INTENDED DESTINATION FULLERTON,CA.	LAST ENROUTE STOP LAS LEGAS,NV		
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	UNCONTROLLED	PHASE OF OPERATION IN FLIGHT UNCONTROLLED DESCENT		
PROBABLE CAUSE(S)						
PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING						
WEATHER - DOWNDRAFT,UPDRAFTS						
WEATHER BRIEFING - OTHER						
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT						
MISSING AIRCRAFT - LATER RECOVERED						
		SKY CONDITION BROKEN	CEILING AT ACCIDENT SITE 13500			
		VISIBILITY AT ACCIDENT SITE 5 OR OVER(UNLIMITED)	PRECIPITATION AT ACCIDENT SITE NONE			
		OBSTRUCTIONS TO.VISION AT ACCIDENT SITE NONE	TYPE OF WEATHER CONDITIONS VFR			
		TYPE OF FLIGHT PLAN NONE				
REMARKS- ACFT OWNER BRFD PLT ON WX.ENCTRD DWDFT NR TOP OF MTN RIDGE.RECOVERY DATE-12/25/79.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3993	12/28/79 TIME - 0930	HAYDEN,CO	BEECH B60 N6030S DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, FL.INSTR., AGE 57, 12800 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - YAMPA VALLEY DEPARTURE POINT INTENDED DESTINATION DENVER,CO HAYDEN,CO TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER CONTROLLED LANDING FINAL APPROACH PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IFR OPERATION FACTOR(S) WEATHER - LOW CEILING WEATHER - FOG WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT SKY CONDITION CEILING AT ACCIDENT SITE OBSCURATION 800 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE ZERO NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE TEMPERATURE-F FOG 11 WIND VELOCITY-KNOTS TYPE OF WEATHER CONDITIONS CALM BELOW MINIMUMS TYPE OF FLIGHT PLAN IFR FIRE AFTER IMPACT REMARKS- VOR RWY 10 APCH.CRASHED 3.3NM NW OF ARPT AT 7200FT MSL.						
3-3902	9/19/79 TIME - 0404	SUFFIELD,CT	BEECH E18S N705M DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	COMMERCIAL, AGE 37, 6425 TOTAL HOURS, 125 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - BRADLEY INTL DEPARTURE POINT INTENDED DESTINATION SUFFIELD,CT BALTIMORE,MD TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER UNCONTROLLED TAKEOFF INITIAL CLIMB PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING MISCELLANEOUS ACTS,CONDITIONS - CARGO SHIFTED MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G. FIRE AFTER IMPACT REMARKS- TIE-DOWN SNAPS,RINGS FOUND DISCONNECTED.682LBS OVER MAX GWT.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3932	2/15/79	NR.HORSESHOE BCH,FL	BEECH S35 N238H DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	MISCELLANEOUS OTHER	COMMERCIAL, FL.INSTR., AGE 47, 13500 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - HORSE SHOE BEACH DEPARTURE POINT INTENDED DESTINATION -BELIZE,BRITISH HNDRS HORSESHOE BCH,FL TYPE OF ACCIDENT COLLISION WITH GROUND/WATER CONTROLLED PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED CLEARANCE FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - PILOT FATIGUE REMARKS- PIC ON DUTY FOR 15HRS,FLEW FOR 10HRS,3HRS OF WHICH WAS AT NIGHT.PLT UNDER SUSPICION FOR NARC FLTS.						
3-3904	10/2/79	NR.PEMBROKE PINES,FL	BELL 206B N27598 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	MISCELLANEOUS DEMONSTRATION	COMMERCIAL, FL.INSTR., AGE 41, 3040 TOTAL HOURS, 725 IN TYPE, NOT INSTRU- MENT RATED.
DEPARTURE POINT INTENDED DESTINATION OPA-LOCKA,FL BOCA RATON,FL TYPE OF ACCIDENT HARD LANDING PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE PHASE OF OPERATION LANDING POWER-ON LANDING						
3-3996	10/26/79	ARCHER,FL	BELLANCA 7GCAA N2515Z DAMAGE-DESTROYED	CR- 0 0 2 PX- 0 0 0	COMMERCIAL AERIAL ADVERTISING	COMMERCIAL, AGE 32, 606 TOTAL HOURS, 36 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - FLYING TEN DEPARTURE POINT INTENDED DESTINATION ARCHER,FL LOCAL TYPE OF ACCIDENT STALL PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED REMARKS- CRASHED AFTER TKOF WHILE MNVRG FOR BANNER PICK-UP.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3903	11/10/79	WINTER HAVEN, FL	HUGHES 269B N9393F DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL. INSTR., AGE 57, 8615 TOTAL HOURS, 2000 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - GILBERT DEPARTURE POINT WINTER HAVEN, FL TYPE OF ACCIDENT HARD LANDING PROBABLE CAUSE(S) DUAL STUDENT - MISJUDGED SPEED AND ALTITUDE PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT						
INTENDED DESTINATION LOCAL PHASE OF OPERATION LANDING POWER-OFF AUTOROTATIVE LANDING						
3-3923	12/10/79	NR. TITUSVILLE, FL	CESSNA 210D N5FD DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 31, 1256 TOTAL HOURS, 955 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - DUNN DEPARTURE POINT MELBOURNE, FL TYPE OF ACCIDENT WHEELS-UP PROBABLE CAUSE(S) SYSTEMS - HYDRAULIC SYSTEM SEALS MISCELLANEOUS ACTS, CONDITIONS - LEAK/LEAKAGE MISCELLANEOUS ACTS, CONDITIONS - HYDRAULIC FAILURE FACTOR(S) MISCELLANEOUS - SMOKE IN COCKPIT REMARKS- EMERGENCY LNDG GEAR PUMP O RING, P/N AN6227812, FAILED.						
INTENDED DESTINATION MYRTLE BEACH, SC PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN						
3-3961	6/18/79	NR. WRIGHTSVILLE, GA	PIPER PA-25 N9534P DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 57, 23000 TOTAL HOURS, 60 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT WRIGHTSVILLE, GA TYPE OF ACCIDENT COLLIDED WITH TREES PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED SPECIAL DATA TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED KIND OF CROP - BEANS PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED GOGGLES - USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - FORWARD OF PILOT SWATH RUN-HOW FLOWN - UNKNOWN/NOT REPORTED FIRE AFTER IMPACT REMARKS- MEDICAL EXAMINER RTRTD POSSIBLE GALL BLADDER ATTACK & MOMENTARY INCAPACITATION.						
INTENDED DESTINATION LOCAL PHASE OF OPERATION IN FLIGHT RETURN TO STRIP KIND OF OPERATION - SPRAYING CROPS TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC GLOVES - USED CRASH HELMET - AVAILABLE-NOT USED CRASH BAR - INSTALLED TERRAIN-TYPE - LEVEL, FLAT						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3936	9/1/79	NR.HILLSBORD,IL	CESSNA 182A N4890D DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS PARAJUMP-SPORT	PRIVATE, AGE 19, 171 TOTAL HOURS, 15 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - HILLSBORD DEPARTURE POINT INTENDED DESTINATION HILLSBORD,IL LOCAL TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION LANDING TRAFFIC PATTERN-CIRCLING COLLIDED WITH DITCHES LANDING ROLL PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS MISCELLANEOUS ACTS,CONDITIONS - ANTI-ICING/DEICING EQUIPMENT-IMPROPER OPERATION OF/OR FAILED TO USE MISCELLANEOUS ACTS,CONDITIONS - ICE-CARBURETOR FACTOR(S) WEATHER - CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING TERRAIN - ROUGH/UNEVEN PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP.						
SKY CONDITION CEILING AT ACCIDENT SITE UNKNOWN/NOT REPORTED 12000 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 5 OR OVER(UNLIMITED) NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE TEMPERATURE-F NONE 84 WIND DIRECTION-DEGREES WIND VELOCITY-KNOTS 360 5 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN VFR NONE REMARKS- UN TO REACH RWY DRG FORCED LNDG.HIT DITCH DRG LNDG ROLL ON ARPT PROPERTY.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3922	9/18/79	NR.BROWNSTOWN,IL	CESSNA 172G N3623L DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 48, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT SANDWICH,IL	INTENDED DESTINATION HARRISBURG,IL			
		TYPE OF ACCIDENT STALL COLLIDED WITH TREES	PHASE OF OPERATION LANDING GO-AROUND LANDING GO-AROUND			
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED						
FACTOR(S) PILOT IN COMMAND - BECAME LOST/DISORIENTED						
WEATHER - FOG						
TERRAIN - HIGH OBSTRUCTIONS						
WEATHER BRIEFING - UNKNOWN/NOT REPORTED						
EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT LOW ON FUEL						
		SKY CONDITION PARTIAL OBSCURATION	CEILING AT ACCIDENT SITE UNLIMITED			
		VISIBILITY AT ACCIDENT SITE 1 MILE OR LESS	PRECIPITATION AT ACCIDENT SITE NONE			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE GROUND FOG	TEMPERATURE-F 72			
		WIND VELOCITY-KNOTS CALM	TYPE OF WEATHER CONDITIONS IFR			
		TYPE OF FLIGHT PLAN OTHER				
REMARKS- AFTER BCMG LOST/DISORIENTED,PLT ATMTD PRCTNRY LNDG IN CLOVER FLD W GND FOG.WITNESS OBSD STALL.						
3-3935	11/19/79	NR.GIRARD,IL	PIPER PA-28R N853 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 40, 111 TOTAL HOURS, 27 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT ST.JACOB,IL	INTENDED DESTINATION SPRINGFIELD,IL			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLISION WITH GROUND/WATER CONTROLLED	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING LEVEL OFF/TOUCHDOWN			
PROBABLE CAUSE(S) POWERPLANT - LUBRICATING SYSTEM PUMP-PRESSURE						
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE						
MISCELLANEOUS ACTS,CONDITIONS - OIL STARVATION						
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE						
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER						
REMARKS- OIL PUMP DRIVE GEAR,P/N 634010,FAILED.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3933	11/25/79 TIME - 1615	LACON, IL	MOONEY M20K N231FD DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL. INSTR., AGE 25, 1459 TOTAL HOURS, 55 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - MARSHALL COUNTY DEPARTURE POINT INTENDED DESTINATION PEORIA, IL LACON, IL TYPE OF ACCIDENT PHASE OF OPERATION OVERSHOOT LANDING LEVEL OFF/TOUCHDOWN COLLIDED WITH FENCE, FENCEPOSTS LANDING ROLL PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND FACTOR(S) PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND MISCELLANEOUS ACTS, CONDITIONS - DOWNWIND AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS WET RUNWAY MISCELLANEOUS ACTS, CONDITIONS - HYDROPLANING ON WET RUNWAY MISCELLANEOUS ACTS, CONDITIONS - RAN OFF END OF RUNWAY						
3-3934	12/3/79 TIME - 1800	NR. SPRINGFIELD, IL	CESSNA 150H N22931 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 23, 282 TOTAL HOURS, 89 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - CAPITAL DEPARTURE POINT INTENDED DESTINATION ELKHART, IN SPRINGFIELD, IL TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT DESCENDING NOSE OVER/DOWN LANDING ROLL PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS, CONDITIONS - FUEL EXHAUSTION FACTOR(S) TERRAIN - WET, SOFT GROUND COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3905	12/21/79	EDWARDSVILLE,IL	CESSNA 172K	CR- 2 0 0	NONCOMMERCIAL	COMMERCIAL, AGE 46, 3100
	TIME - 1624		N736UL	PX- 0 0 0	BUSINESS	TOTAL HOURS, UNK/NR IN
			DAMAGE-DESTROYED			TYPE, INSTRUMENT RATED.
	DEPARTURE POINT		INTENDED DESTINATION			
	MEMPHIS,TN		ALTON,IL			
	TYPE OF ACCIDENT				PHASE OF OPERATION	
	COLLISION WITH GROUND/WATER	UNCONTROLLED			LANDING INITIAL APPROACH	
	PROBABLE CAUSE(S)					
	COPILOT - SPATIAL DISORIENTATION					
	PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT					
	FACTOR(S)					
	WEATHER - LOW CEILING					
	WEATHER - UNFAVORABLE WIND CONDITIONS					
	WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE					
	WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT					
	SKY CONDITION				CEILING AT ACCIDENT SITE	
	OVERCAST				700	
	VISIBILITY AT ACCIDENT SITE				PRECIPITATION AT ACCIDENT SITE	
	2 MILES OR LESS				NONE	
	OBSTRUCTIONS TO VISION AT ACCIDENT SITE				WIND DIRECTION-DEGREES	
	FOG				150	
	WIND VELOCITY-KNOTS				TYPE OF WEATHER CONDITIONS	
	12				IFR	
	TYPE OF FLIGHT PLAN					
	IFR					
	REMARKS-	DURING ILS APP TO SAME RWY 1/2HR AFT ACCIDENT PLT STATED 30DEG WIND CORRECTION NEEDED.				

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3989	12/21/79 TIME - 1740	TAYLORVILLE,IL	BEECH B58 N2058X DAMAGE-DESTROYED	CR- 2 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 39, 642 TOTAL HOURS, 10 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT MADISON,WI	INTENDED DESTINATION TAYLORVILLE,IL	PHASE OF OPERATION LANDING OTHER		
		TYPE OF ACCIDENT COLLIDED WITH TREES				
PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS						
FACTOR(S) WEATHER - RAIN WEATHER - FOG WEATHER BRIEFING - BRIEFED BY WEATHER BUREAU PERSONEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT						
		SKY CONDITION OVERCAST	CEILING AT ACCIDENT SITE UNKNOWN/NOT REPORTED			
		VISIBILITY AT ACCIDENT SITE 1/4 MILE OR LESS	PRECIPITATION AT ACCIDENT SITE RAIN			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG	WIND DIRECTION-DEGREES 180			
		WIND VELOCITY-KNOTS 10	TYPE OF WEATHER CONDITIONS IFR			
		TYPE OF FLIGHT PLAN IFR				
REMARKS- DISCONTINUED APCH TO SPRINGFIELD,RECD SPCL VFR CLRNC TO TAYLORVILLE.						
3-3907	12/28/79 NR.KANKAKEE,IL TIME - 1730		PIPER PA-28R N7644J DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 56, 734 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT HIGHLAND,IL	INTENDED DESTINATION MENDOTA,IL	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE		
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER CONTROLLED				
PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS						
FACTOR(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - MISMANAGEMENT OF FUEL WEATHER - FOG WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED						
		SKY CONDITION BROKEN	CEILING AT ACCIDENT SITE 25000			
		VISIBILITY AT ACCIDENT SITE 1/4 MILE OR LESS	PRECIPITATION AT ACCIDENT SITE NONE			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE GROUND FOG	WIND VELOCITY-KNOTS CALM			
		TYPE OF WEATHER CONDITIONS IFR	TYPE OF FLIGHT PLAN NONE			
REMARKS- R TANK EMPTY,SMALL AMOUNT OF FUEL IN L TANK.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3906	8/5/79 TIME - 1750	INDIANAPOLIS, IN	BEECH C-90 N6040M DAMAGE-DESTROYED	CR- 0 1 0 PX- 1 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 61, 12463 TOTAL HOURS, 30 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT CONCORDIA, KS			INTENDED DESTINATION INDIANAPOLIS, IN		PHASE OF OPERATION	
TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH TREES			LANDING TRAFFIC PATTERN-CIRCLING LANDING FINAL APPROACH			
PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS, CONDITIONS - FUEL EXHAUSTION						
FACTOR(S) POWERPLANT - POWERPLANT-INSTRUMENTS FUEL QUANTITY GAUGE MISCELLANEOUS ACTS, CONDITIONS - ERRATIC COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-2 ENGINES EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- PWR SCHEDULE PLT USED EXCEEDED MAX STRUCTURAL CRUISING SPD. INCREASED FUEL CONSUMPTION RATE 100LBS/HR.						
3-3958	8/29/79 TIME - 1307	BLUE RIDGE, IN	CESSNA 310 N69618 DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 50, 2400 TOTAL HOURS, 1600 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT CINCINNATI, OH			INTENDED DESTINATION INDIANAPOLIS, IN		PHASE OF OPERATION	
TYPE OF ACCIDENT COLLISION WITH GROUND/WATER UNCONTROLLED			IN FLIGHT UNCONTROLLED DESCENT			
PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED						
FACTOR(S) PILOT IN COMMAND - PHYSICAL IMPAIRMENT MISCELLANEOUS ACTS, CONDITIONS - ALCOHOLIC IMPAIRMENT OF EFFICIENCY AND JUDGMENT REMARKS- HIGH SPEED STEEP ANGLE DESCENT FROM 8000FT. PLT BLOOD ALCOHOL LEVEL 98MG%.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3908	12/1/79 TIME - 1735	GARY,IN	CESSNA 177 N10412 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0 OT- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 54, 1134 TOTAL HOURS, 434 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT KANKAKEE,IL	INTENDED DESTINATION GARY,IN			
		TYPE OF ACCIDENT COLLIDED WITH RESIDENCE(S)	PHASE OF OPERATION IN FLIGHT UNCONTROLLED DESCENT			
PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL PILOT IN COMMAND - SPATIAL DISORIENTATION						
FACTOR(S) WEATHER - LOW CEILING WEATHER - SNOW WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED						
		SKY CONDITION OBSCURATION	CEILING AT ACCIDENT SITE 400			
		VISIBILITY AT ACCIDENT SITE 3/4 MILE OR LESS	PRECIPITATION AT ACCIDENT SITE SNOW SHOWERS, THUNDERSTORM			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE	TYPE OF WEATHER CONDITIONS BELOW MINIMUMS			
		TYPE OF FLIGHT PLAN NONE				
REMARKS- ACCEPTED INST APCH.NO PLATES FOUND.HISTORY OF OPERATING VFR IN IFR CONDS.CRASHED INTO HOUSE.						
3-3973	6/29/79 TIME - 0730	JOHNSON,KS	INTERCEPTOR SUPER N10347 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS TEST	ATP,FLIGHT INSTR., AGE 44, 12005 TOTAL HOURS, 1 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - STANTON COUNTY MU				
		DEPARTURE POINT JOHNSON,KS	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION GEAR COLLAPSED	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING LEVEL OFF/TOUCHDOWN			
PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION POWERPLANT - FUEL SYSTEM FUEL CONTROL MISCELLANEOUS ACTS,CONDITIONS - WRONG PART						
FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
REMARKS- CRUSHABLE WASHERS INSTALLED BETWEEN MAIN/DRIVE BODIES.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0462	12/22/79	NR.LEEVILLE,LA TIME - 0135	BEECH 65-90 N724N DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	MISCELLANEOUS UNKNOWN/NOT REPORTED	COMMERCIAL, FL.INSTR., AGE 43, 2404 TOTAL HOURS, UNK/NR IN TYPE, INSTRU- MENT RATED.
		DEPARTURE POINT HOUSTON,TX	INTENDED DESTINATION TAMPA,FL			
		TYPE OF ACCIDENT AIRFRAME FAILURE IN FLIGHT	PHASE OF OPERATION IN FLIGHT UNCONTROLLED DESCENT			
PROBABLE CAUSE(S) PILOT IN COMMAND - SPATIAL DISORIENTATION PILOT IN COMMAND - EXCEEDED DESIGNED STRESS LIMITS OF AIRCRAFT						
FACTOR(S) PERSONNEL - WEATHER PERSONNEL INADEQUATE/INCORRECT WEATHER BRIEFING WEATHER - ICING CONDITIONS-INCLUDES SLEET,FREEZING RAIN,ETC. AIRFRAME - FLIGHT CONTROL SURFACES HORIZONTAL STABILIZER, ATTACHMENTS AIRFRAME - WINGS SPARS MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - WEATHER SLIGHTLY WORSE THAN FORECAST						
		SKY CONDITION OVERCAST	CEILING AT ACCIDENT SITE 5000			
		VISIBILITY AT ACCIDENT SITE 5 OR OVER(UNLIMITED)	PRECIPITATION AT ACCIDENT SITE UNKNOWN/NOT REPORTED			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE	TEMPERATURE-F 63			
		WIND DIRECTION-DEGREES 110	WIND VELOCITY-KNOTS 8			
		TYPE OF WEATHER CONDITIONS IFR	TYPE OF FLIGHT PLAN IFR			
3-3964	11/18/79	BANGOR,ME TIME - 1637	BEECH 99 N983MA DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 13	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	ATP,FLIGHT INSTR., AGE 25, 3909 TOTAL HOURS, 2235 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - BANGOR DEPARTURE POINT BANGOR,ME	INTENDED DESTINATION PORTLAND,ME			
		TYPE OF ACCIDENT HARD LANDING	PHASE OF OPERATION TAKEOFF ABORTED			
PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G. REMARKS- ACFT PITCHED UP AFTR TKOF.OVER MAX GWT.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3998	10/28/79 TIME - 1730	CONCORD,MA	NAVION G N2412T DAMAGE-DESTROYED	CR- 0 1 0 PX- 1 2 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 52, 1153 TOTAL HOURS, 131 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - BEDFORD DEPARTURE POINT PORTLAND,ME INTENDED DESTINATION BEDFORD,MA TYPE OF ACCIDENT COLLIDED WITH RESIDENCE(S) PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IFR OPERATION FACTOR(S) PILOT IN COMMAND - ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT INSTRUMENTS/EQUIPMENT AND ACCESSORIES - FLIGHT AND NAVIGATION INSTRUMENTS DIRECTIONAL GYRO MISCELLANEOUS ACTS,CONDITIONS - EXCESSIVE-WEAR/PLAY WEATHER - LOW CEILING WEATHER - FOG WEATHER - ICING CONDITIONS-INCLUDES SLEET,FREEZING RAIN,ETC. WEATHER BRIEFING - BRIEFED BY WEATHER BUREAU PERSONNEL, IN PERSON WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT SKY CONDITION OVERCAST CEILING AT ACCIDENT SITE 200 VISIBILITY AT ACCIDENT SITE 1 MILE OR LESS PRECIPITATION AT ACCIDENT SITE RAIN OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG WIND DIRECTION-DEGREES 100 WIND VELOCITY-KNOTS 4 TYPE OF WEATHER CONDITIONS IFR TYPE OF FLIGHT PLAN IFR REMARKS- ILS RWY 11 APCH.CRASHED INTO HOUSE APRX 7000FT FRM APCH END OF RWY,ON CENTERLINE.						
3-3909	9/15/79 TIME - 0204	HASTINGS,MI	BEECH C-45H N600NA DAMAGE-DESTROYED	CR- 1 0 0 PX- 3 0 0	MISCELLANEOUS FERRY	AIRLINE TRANSPORT, AGE 32, 4902 TOTAL HOURS, 430 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT BALTIMORE,MD INTENDED DESTINATION GRAND RAPIDS,MI TYPE OF ACCIDENT FIRE OR EXPLOSION IN FLIGHT COLLISION WITH GROUND/WATER UNCONTROLLED PROBABLE CAUSE(S) SYSTEMS - AIR CONDITION,HEATING AND PRESSURIZATION OTHER MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE MISCELLANEOUS ACTS,CONDITIONS - FIRE IN BRAKES,WHEEL ASSEMBLY,WHEEL WELL FACTOR(S) PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION MISCELLANEOUS - SMOKE IN COCKPIT MISCELLANEOUS ACTS,CONDITIONS - PILOT FATIGUE FIRE AFTER IMPACT REMARKS- NO LOG BOOK ENTRIES FOR HEATER,SOUTHWIND MODEL 853A,OPERATION OR REQUIRED INSPECTIONS/OVERHAULS.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3939	12/3/79	ROMEO,MI	CESSNA 140 N1788N DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PRACTICE	PRIVATE, AGE 20, 218 TOTAL HOURS, 46 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - ROMEO DEPARTURE POINT DETROIT,MI TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE NOSE OVER/DOWN 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 MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE SKY CONDITION OVERCAST VISIBILITY AT ACCIDENT SITE 5 OR OVER(UNLIMITED) OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE TEMPERATURE-F 27 WIND VELOCITY-KNOTS 15 TYPE OF FLIGHT PLAN NONE REMARKS- WIND GUSTING 25KTS.						
INTENDED DESTINATION ROMEO,MI PHASE OF OPERATION LANDING ROLL LANDING ROLL CEILING AT ACCIDENT SITE 8500 PRECIPITATION AT ACCIDENT SITE NONE RELATIVE BEARING OF WIND RIGHT QUARTERING HEAD WIND 023-067 DEGREES WIND DIRECTION-DEGREES 230 TYPE OF WEATHER CONDITIONS VFR						
3-3938	12/19/79	NR.HOLLAND,MI	RYAN ST-3KR N47433 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PRACTICE	COMMERCIAL, AGE 53, 550 TOTAL HOURS, 16 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT HOLLAND,MI TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION DITCHING PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS PILOT IN COMMAND - EXERCISED POOR JUDGMENT MISCELLANEOUS ACTS,CONDITIONS - UNWARRANTED LOW FLYING FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER REMARKS- PLT STATED AFT TKOF OSCNDG TO 100FT SWITCHED FUEL TANKS OVER WATER.						
INTENDED DESTINATION HOLLAND,MI PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING LEVEL OFF/TOUCHDOWN						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3937	12/27/79	NR. FRASHER, MI	CESSNA 152 N89969	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 32, 22 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - MCKINELY DEPARTURE POINT INTENDED DESTINATION FRASHER, MI LOCAL TYPE OF ACCIDENT PHASE OF OPERATION HARD LANDING LANDING LEVEL OFF/TOUCHDOWN GEAR COLLAPSED LANDING ROLL PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER LEVEL OFF PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE						
3-3910	9/30/79	WHITEFISH, MT	CESSNA 182C N9054T	CR- 0 2 0 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	AIRLINE TRANSPORT, AGE 50, 16000 TOTAL HOURS, 0 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - WHITEFISH DEPARTURE POINT INTENDED DESTINATION WHITEFISH, MT LOCAL TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION LANDING GO-AROUND COLLIDED WITH FENCE, FENCEPOSTS LANDING LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT COPILOT - MISJUDGED DISTANCE AND SPEED FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - POORLY PLANNED APPROACH COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEDOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3925	11/8/79	NR.RENO,NV	CESSNA 150M	CR- 0 0 1	NONCOMMERCIAL	STUDENT, AGE 24, 21 TOTAL
	TIME - 1415		N9414U	PX- 0 0 0	PRACTICE	HOURS, ALL IN TYPE, NOT
			DAMAGE-SUBSTANTIAL			INSTRUMENT RATED.
	DEPARTURE POINT	INTENDED DESTINATION				
	RENO,NV	LOCAL				
	TYPE OF ACCIDENT			PHASE OF OPERATION		
	COLLISION WITH GROUND/WATER	CONTROLLED		IN FLIGHT CLIMB TO CRUISE		
	PROBABLE CAUSE(S)					
	PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING					
	FACTOR(S)					
	WEATHER - DOWNDRAFT,UPDRAFTS					
	WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED					
	SKY CONDITION			CEILING AT ACCIDENT SITE		
	CLEAR			UNLIMITED		
	VISIBILITY AT ACCIDENT SITE			PRECIPITATION AT ACCIDENT SITE		
	5 OR OVER(UNLIMITED)			NONE		
	OBSTRUCTIONS TO VISION AT ACCIDENT SITE			TEMPERATURE-F		
	NONE			50		
	WIND DIRECTION-DEGREES			WIND VELOCITY-KNOTS		
	360			10		
	TYPE OF WEATHER CONDITIONS			TYPE OF FLIGHT PLAN		
	VFR			NONE		
	REMARKS- LOCAL PRACTICE.					
3-3911	7/21/79	ALPINE,NJ	BELL 206B	CR- 0 0 1	NONCOMMERCIAL	COMMERCIAL, FL.INSTR.,
	TIME - 1019		N711GT	PX- 0 0 1	BUSINESS	AGE 30, 3690 TOTAL HOURS,
			DAMAGE-SUBSTANTIAL			1800 IN TYPE, NOT INSTRU-
	DEPARTURE POINT	INTENDED DESTINATION				MENT RATED.
	WHITE PLAINS,NY	BERGEN,NJ				
	TYPE OF ACCIDENT			PHASE OF OPERATION		
	AIRFRAME FAILURE IN FLIGHT			IN FLIGHT NORMAL CRUISE		
	PROPELLER/ROTOR FAILURE TAIL ROTOR			IN FLIGHT NORMAL CRUISE		
	PROBABLE CAUSE(S)					
	SYSTEMS - OTHER SYSTEMS OTHER					
	MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE					
	ROTORCRAFT - ROTOR ASSEMBLIES TAIL ROTOR BLADES					
	MISCELLANEOUS ACTS,CONDITIONS - OUT OF BALANCE					
	ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM TAIL ROTOR GEAR BOX					
	MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE					
	FACTOR(S)					
	MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT					
	REMARKS- ELT ANT SEPD DUE TO FATIGUE.TAIL ROTOR GROOVES MATCH ELT ANT.TAIL ROTOR GEAR BOX STUDS FAILED.					

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3999	8/20/79 TIME - 1750	REDDINGTON,NJ	CESSNA 310I N8127M DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 29, 400 TOTAL HOURS, 29 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - SOLBERG DEPARTURE POINT INTENDED DESTINATION SUMMIT,DE N.CALDWELL,NJ TYPE OF ACCIDENT PHASE OF OPERATION FIRE OR EXPLOSION IN FLIGHT IN FLIGHT NORMAL CRUISE GEAR COLLAPSED LANDING ROLL PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED FACTOR(S) MISCELLANEOUS - SMOKE IN COCKPIT MISCELLANEOUS ACTS,CONDITIONS - FIRE OF UNDETERMINED ORIGIN MISCELLANEOUS ACTS,CONDITIONS - FIRE IN CABIN,COCKPIT,BAGGAGE COMPARTMENT MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP. SMOKE IN COCKPIT REMARKS- FIRE UNDER COPILOTS SEAT.GEAR COLLAPSED IN SOY BEAN FLD.						
3-3966	11/16/79 TIME - 1215	CHARLSTADT,NJ	AEROSTAR 601P N8099J DAMAGE-DESTROYED	CR- 1 0 0 PX- 2 0 0	NONCOMMERCIAL CORP/EXEC	AIRLINE TRANSPORT, AGE 37, 8300 TOTAL HOURS, UNK/NR IN TYPE, INSTRU- MENT RATED.
NAME OF AIRPORT - TETERBORO DEPARTURE POINT INTENDED DESTINATION TETERBORO,NJ UNIVERSITY PARK,PA TYPE OF ACCIDENT PHASE OF OPERATION FIRE OR EXPLOSION IN FLIGHT IN FLIGHT CLIMB TO CRUISE PROBABLE CAUSE(S) PILOT IN COMMAND - ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT POWERPLANT - EXHAUST SYSTEM STACKS MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE MISCELLANEOUS ACTS,CONDITIONS - FIRE IN ENGINE FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT FIRE AFTER IMPACT REMARKS- EXHAUST PIPE ASSEMBLY PART NR 32006-511 FAILED AT FLANGE WELD.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1468	6/18/79 TIME - 0810	ALBUQUERQUE,NM	CESSNA 172 N5226E DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 1 OT- 0 0 1	INSTRUCTIONAL TRAINING	STUDENT, AGE 36, 70 TOTAL HOURS, 11 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - ALBUQUERQUE INTL DEPARTURE POINT INTENDED DESTINATION ALBUQUERQUE,NM PUEBLO,CO TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH AIRCRAFT BOTH ON GROUND TAXI TO TAKEOFF PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED CLEARANCE REMARKS- RIGHT WING TIP CONTACTED RUDDER OF N23986.						
3-1468	6/18/79 TIME - 0810	ALBUQUERQUE,NM	BEECH C23 N23986 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0 OT- 0 0 2	INSTRUCTIONAL SOLO	STUDENT, AGE 49, 45 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - ALBUQUERQUE INTL DEPARTURE POINT INTENDED DESTINATION ALBUQUERQUE,NM LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH AIRCRAFT BOTH ON GROUND TAXI TO TAKEOFF PROBABLE CAUSE(S) PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT						
3-3912	6/24/79 TIME - 1602	GOBERNADOR,NM	BELL 206B N16810 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 43, 5890 TOTAL HOURS, 3867 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION GOBERNADOR,NM LOCAL TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT DESCENDING ROLL OVER LANDING LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS FACTOR(S) WEATHER - HIGH DENSITY ALTITUDE PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND SKY CONDITION CEILING AT ACCIDENT SITE SCATTERED UNLIMITED VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 5 OR OVER(UNLIMITED) NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE TEMPERATURE-F NONE 68 WIND DIRECTION-DEGREES WIND VELOCITY-KNOTS 270 5 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN VFR VFR FLIGHT FOLLOWING SERVICE REMARKS- D/A APPROX 9000FT.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3956	9/20/79 TIME - 1215	NR.DEMING,NM	BELL 47G N2220W DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 2 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 29, 1400 TOTAL HOURS, 500 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT DEMING,NM	INTENDED DESTINATION LAS CRUCES,NM	PHASE OF OPERATION IN FLIGHT LOW PASS		
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER CONTROLLED				
PROBABLE CAUSE(S) PILOT IN COMMAND - EXERCISED POOR JUDGMENT MISCELLANEOUS ACTS,CONDITIONS - UNWARRANTED LOW FLYING MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION						
FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS FIRE AFTER IMPACT						
REMARKS- ACFT DSND & HIT GND AFTER PLT PULLED UP TO AVOID PWR LINES APRX 75FT AGL.						
3-3942	10/14/79 TIME - 1505	ALBUQUERQUE,NM	CESSNA 210B N9591X DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 65, 3000 TOTAL HOURS, 2400 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - CORONADO DEPARTURE POINT ALBUQUERQUE,NM	INTENDED DESTINATION LOCAL	PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN		
		TYPE OF ACCIDENT WHEELS-UP				
PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION AIRFRAME - LANDING GEAR NORMAL RETRACTION/EXTENSION ASSEMBLY SYSTEMS - HYDRAULIC SYSTEM HYDRAULIC PUMPS MISCELLANEOUS ACTS,CONDITIONS - IMPROPER ALIGNMENT/ADJUSTMENT MISCELLANEOUS ACTS,CONDITIONS - PRESSURE TOO LOW						
FACTOR(S) PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC. MISCELLANEOUS ACTS,CONDITIONS - IMPROPER EMERGENCY PROCEDURES						
REMARKS- HYD PWR PACK,PN 1280510-1,SET TO RLS(NEUTRALIZE)GEAR HANDLE AT 600PSI,MANUAL CALLS FOR 1300PSI.						
3-3965	10/23/79 TIME - 1445	NR.RUIDOSO,NM	SOLOY 47G N7828S DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL CONSTRUCTION	COMMERCIAL, AGE 43, 4000 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT RUIDOSO,NM	INTENDED DESTINATION RUIDOSO,NM	PHASE OF OPERATION IN FLIGHT OTHER		
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER UNCONTROLLED				
PROBABLE CAUSE(S) MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS						
FACTOR(S) PILOT IN COMMAND - FAILED TO USE OR INCORRECTLY USED MISC.EQUIPMENT FIRE AFTER IMPACT						
REMARKS- TOWING ROPE FRM TWRS ACROSS HWY.HELO BECAME UNSTABLE,ROPE INVLMNT OF UNDTRMD ORIG.REL BFR IMPACT.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3941	11/13/79	NR.GALLUP,NM	STEARMAN B-75 N55692 DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 26, 300 TOTAL HOURS, 36 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - SENATOR CLARKE DEPARTURE POINT INTENDED DESTINATION GALLUP,NM LOCAL TYPE OF ACCIDENT PHASE OF OPERATION NOSE OVER/DOWN LANDING ROLL PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS						
3-3940	7/7/79	NR.HUNTER,NY	HUGHES 369HS N9062F DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 2 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 54, 1645 TOTAL HOURS, 235 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - PRIVATE HELIPAD DEPARTURE POINT INTENDED DESTINATION HUNTER,NY LINDEN,NJ TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER CONTROLLED TAKEOFF VERTICAL PROBABLE CAUSE(S) PILOT IN COMMAND - EXERCISED POOR JUDGMENT REMARKS- PIC ATTEMPTED NEAR VERTICAL TAKEOFF WITH 3 PAX ABOARD.						
3-3913	8/9/79	FLUSHING,NY	BEECH D55 N105AC DAMAGE-DESTROYED	CR- 1 0 0 PX- 2 0 0	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 25, 4280 TOTAL HOURS, 31 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - LAGUARDIA DEPARTURE POINT INTENDED DESTINATION FLUSHING,NY ATLANTIC CITY,NJ TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION TAKEOFF INITIAL CLIMB COLLISION WITH GROUND/WATER CONTROLLED LANDING LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION FACTOR(S) TERRAIN - ROUGH/UNEVEN FIRE AFTER IMPACT REMARKS- FUEL SELECTOR VLVS PSND TO AUX TANKS.FLT MAN RSTRD USE OF AUX TANKS TO LVL FLT. LNDD 600FT FM RWY.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3960	8/24/79 TIME - 1415	NR.SUNDOWN,NY	PIPER PA-23 N55PH DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 57, 5000 TOTAL HOURS, 4500 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - SULLIVAN CO DEPARTURE POINT INTENDED DESTINATION MYRTLE BEACH,SC MONTGOMERY,NY TYPE OF ACCIDENT COLLIDED WITH TREES PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IFR OPERATION FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS REMARKS- HIT TREES ON HI TRRN AFTER MISSED APCH.						
3-3988	8/28/79 TIME - 1958	EAST QUOGUE,NY	PIPER PA-34 N2080W DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	COMMERCIAL AIR TAXI-PASSG	ATP,FLIGHT INSTR., AGE 33, 3544 TOTAL HOURS, 310 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - SUFFOLK COUNTY DEPARTURE POINT INTENDED DESTINATION FARMINGDALE,NY EAST QUOGUE,NY TYPE OF ACCIDENT COLLIDED WITH TREES PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IFR OPERATION FACTOR(S) WEATHER - LOW CEILING WEATHER - FOG WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT SKY CONDITION OBSCURATION VISIBILITY AT ACCIDENT SITE 1/2 MILE OR LESS OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG WIND VELOCITY-KNOTS 10 TYPE OF FLIGHT PLAN IFR REMARKS- ILS RWY 24 APCH.HIT TREES APRX 2MI NE OF ARPT.						
CEILING AT ACCIDENT SITE 200 PRECIPITATION AT ACCIDENT SITE NONE WIND DIRECTION-DEGREES 210 TYPE OF WEATHER CONDITIONS IFR						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3963	10/6/79 TIME - 1610	OLD WESTBURY,NY	BELL 206B N3500M DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 32, 4788 TOTAL HOURS, 460 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT EAST HAMPTON,NY	INTENDED DESTINATION NEW YORK CITY,NY			
		TYPE OF ACCIDENT AIRFRAME FAILURE IN FLIGHT	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE			
PROBABLE CAUSE(S) ROTORCRAFT - FLIGHT CONTROL SYSTEMS CYCLIC PITCH CONTROL SYSTEM						
FIRE AFTER IMPACT						
REMARKS- THE LOWER CLEVIS ADJUSTMENT BARREL OF THE PITCH CHANGE ROD WAS NOT RECOVERED.						
3-3924	12/16/79 TIME - 1015	WASHINGTONVILLE,NY	CESSNA 172 N6647A DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 45, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT MONTGOMERY,NY	INTENDED DESTINATION BRIDGEPORT,CT			
		TYPE OF ACCIDENT STALL	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE			
PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED						
FACTOR(S) WEATHER - LOW CEILING WEATHER - ICING CONDITIONS-INCLUDES SLEET,FREEZING RAIN,ETC. WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT						
		SKY CONDITION OVERCAST/LOWER SCATTERED	CEILING AT ACCIDENT SITE 1600			
		VISIBILITY AT ACCIDENT SITE 3 MILES OR LESS	PRECIPITATION AT ACCIDENT SITE FREEZING RAIN			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE UNKNOWN/NOT REPORTED	TYPE OF WEATHER CONDITIONS IFR			
		TYPE OF FLIGHT PLAN NONE				
FIRE AFTER IMPACT						
REMARKS- CRASHED WHILE ATMTG TO CROSS OVR MTN UNDER OVC.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3968	12/30/79 TIME - 1830	LINDENHURST,NY	CESSNA 172N N738WX DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 2 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 35, 121 TOTAL HOURS, 15 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - ZAHNS DEPARTURE POINT FARMINGDALE,NY TYPE OF ACCIDENT STALL	INTENDED DESTINATION AMITYVILLE,NY	PHASE OF OPERATION LANDING TRAFFIC PATTERN-CIRCLING		
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED						
3-3957	5/31/79 TIME - UNK/NR	WAYNESVILLE,NC	CESSNA 182 N618WC DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 56, 1600 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT BIRMINGHAM,AL TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	INTENDED DESTINATION MOCKSVILLE,NC CONTROLLED	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE		
PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS						
FACTOR(S) WEATHER - LOW CEILING WEATHER - FOG WEATHER - THUNDERSTORM ACTIVITY WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY RADIO WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT MISSING AIRCRAFT - LATER RECOVERED						
		SKY CONDITION OVERCAST VISIBILITY AT ACCIDENT SITE UNKNOWN/NOT REPORTED OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG TYPE OF FLIGHT PLAN NONE	CEILING AT ACCIDENT SITE UNKNOWN/NOT REPORTED PRECIPITATION AT ACCIDENT SITE UNKNOWN/NOT REPORTED TYPE OF WEATHER CONDITIONS IFR			
REMARKS- MOUNTAIN PEAKS OBSCURED.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3914	10/17/79	ALBANY,OH	CESSNA 150	CR- 0 0 1	NONCOMMERCIAL	PRIVATE, AGE 18, 64 TOTAL
	TIME - 1830		N900U	PX- 0 0 1	PRACTICE	HOURS, 61 IN TYPE, NOT
			DAMAGE-SUBSTANTIAL	OT- 1 0 0		INSTRUMENT RATED.
		NAME OF AIRPORT - OHIO UNIVERSITY				
		DEPARTURE POINT	INTENDED DESTINATION			
		ALBANY,OH	LOCAL			
		TYPE OF ACCIDENT		PHASE OF OPERATION		
		COLLISION WITH AIRCRAFT BOTH IN FLIGHT		LANDING FINAL APPROACH		
		PROBABLE CAUSE(S)				
		PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT				
		FACTOR(S)				
		MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING				
		SPECIAL DATA				
		SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV.				
		CONTROLLING AGENCY - UNICOM			RADAR CTL/SURVEILLANCE - RADAR SERVICE NOT AVAILABLE	
		TRAFFIC ADVISORY ISSUED - NONE			CONTROLLED/UNCONTROLLED AIRPORT - UNCONTROLLED AIRPORT	
		CONTROL ZONE/AREA - YES			CONVERGENCE ANGLE-DEGREES - 180	
		HORIZONTAL COLLISION ANGLE-DEGREES - 0			VERTICAL COLLISION ANGLE-DEGREES - 5	
		EVASIVE ACTION TAKEN - NO			ANTI-COLLISION LIGHTS - INSTALLED,OPERATION UNKNOWN	
3-3914	10/17/79	ALBANY,OH	CESSNA 150	CR- 1 0 0	INSTRUCTIONAL	STUDENT, AGE 38, 45 TOTAL
	TIME - 1830		N1800D	PX- 0 0 0	SOLO	HOURS, ALL IN TYPE, NOT
			DAMAGE-DESTROYED	OT- 0 0 2		INSTRUMENT RATED.
		NAME OF AIRPORT - OHIO UNIVERSITY				
		DEPARTURE POINT	INTENDED DESTINATION			
		ALBANY,OH	LOCAL			
		TYPE OF ACCIDENT		PHASE OF OPERATION		
		COLLISION WITH AIRCRAFT BOTH IN FLIGHT		LANDING FINAL APPROACH		
		PROBABLE CAUSE(S)				
		PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT				
		FACTOR(S)				
		MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING				
		SPECIAL DATA				
		SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV.				
		CONTROLLING AGENCY - UNICOM			RADAR CTL/SURVEILLANCE - RADAR SERVICE NOT AVAILABLE	
		TRAFFIC ADVISORY ISSUED - NONE			CONTROLLED/UNCONTROLLED AIRPORT - UNCONTROLLED AIRPORT	
		CONTROL ZONE/AREA - YES			CONVERGENCE ANGLE-DEGREES - 0	
		HORIZONTAL COLLISION ANGLE-DEGREES - 0			VERTICAL COLLISION ANGLE-DEGREES - 5	
		EVASIVE ACTION TAKEN - NO			ANTI-COLLISION LIGHTS - INSTALLED,OPERATION UNKNOWN	
		FIRE AFTER IMPACT				

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3943	12/3/79 TIME - 1630	CANFIELD, OH	AERONCA 7AC N81743 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 42, 640 TOTAL HOURS, 39 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - PRIVATE DEPARTURE POINT CANFIELD, OH TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE NOSE OVER/DOWN PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS OTHER REMARKS- NOSED OVR IN GRAVEL PIT AFTER DEPG RWY. GROOVE MARKS FM GRADER FOUND ON RWY. RWY CONST NOT CMPLT.						
3-3944	12/6/79 TIME - 1820	YOUNGSTOWN, OH	PIPER PA-34 N29257 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL. INSTR., AGE 25, 2545 TOTAL HOURS, 180 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - YOUNGSTOWN MUNI DEPARTURE POINT YOUNGSTOWN, OH TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE GEAR COLLAPSED PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SNOW ON RUNWAY WEATHER - SNOW MISCELLANEOUS ACTS, CONDITIONS - WINDSHIELD, DIRTY, FOGGY, ETC.-RESTRICTED VISION AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS OTHER WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE SKY CONDITION OBSCURATION VISIBILITY AT ACCIDENT SITE 2 MILES OR LESS OBSTRUCTIONS TO VISION AT ACCIDENT SITE BLOWING SNOW TEMPERATURE-F 34 WIND VELOCITY-KNOTS 6 TYPE OF FLIGHT PLAN IFR REMARKS- LOST VISUAL CONTACT W RWY DRG TKOF, NGT, HVY SNWFL. WND SHLD PRTLY CVRD W SNW. ENCTRD SOFT GND OFF RWY.						
CEILING AT ACCIDENT SITE 200 PRECIPITATION AT ACCIDENT SITE SNOW RELATIVE BEARING OF WIND LEFT QUARTERING HEAD WIND 293-337 DEGREES WIND DIRECTION-DEGREES 260 TYPE OF WEATHER CONDITIONS IFR						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3972	12/16/79 TIME - 1614	MANSFIELD, OH	PIPER PA-28 N5515F DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 1 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 57, 440 TOTAL HOURS, 333 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - MANSFIELD LAHM DEPARTURE POINT INTENDED DESTINATION WHEELING, WV FORT WAYNE, IN TYPE OF ACCIDENT PHASE OF OPERATION STALL SPIN LANDING FINAL APPROACH PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING MISCELLANEOUS ACTS, CONDITIONS - AIRFRAME ICE FACTOR(S) PERSONNEL - TRAFFIC CONTROL PERSONNEL FAILURE TO ADVISE OF UNSAFE WEATHER CONDITIONS WEATHER - FOG WEATHER - ICING CONDITIONS-INCLUDES SLEET, FREEZING RAIN, ETC. WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - WEATHER SLIGHTLY WORSE THAN FORECAST SKY CONDITION CEILING AT ACCIDENT SITE OBSCURATION 300 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 3/4 MILE OR LESS SNOW OBSTRUCTIONS TO VISION AT ACCIDENT SITE TEMPERATURE-F FOG 29 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN IFR IFR						
3-3915	11/3/79 TIME - 1313	NEDMOND, OK	MUSTANG II N9056U DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 32, 880 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - MYRICKS AIRSTRIP DEPARTURE POINT INTENDED DESTINATION OKLAHOMA CITY, OK NEDMOND, OK TYPE OF ACCIDENT PHASE OF OPERATION STALL SPIN LANDING GO-AROUND PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3994	11/14/79 TIME - 1530	LEEDEY, OK	CESSNA 120 N90085 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL. INSTR., AGE 30, 111 TOTAL HOURS, 3 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - PRIVATE DEPARTURE POINT LEEDEY, OK INTENDED DESTINATION LOCAL TYPE OF ACCIDENT NOSE OVER/DOWN PHASE OF OPERATION TAKEOFF ABORTED PROBABLE CAUSE(S) PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SOFT RUNWAY MISCELLANEOUS ACTS, CONDITIONS - RAN OFF END OF RUNWAY						
3-3916	11/29/79 TIME - 1503	WATSONTOWN, PA	PIPER PA-28 N2916Q DAMAGE-SUBSTANTIAL	CR- 1 0 0 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL. INSTR., AGE 23, 1126 TOTAL HOURS, 500 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT WILLIAMSPORT, PA INTENDED DESTINATION LOCAL TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES PHASE OF OPERATION IN FLIGHT LOW PASS PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS FACTOR(S) PILOT IN COMMAND - EXERCISED POOR JUDGMENT MISCELLANEOUS ACTS, CONDITIONS - UNWARRANTED LOW FLYING TERRAIN - HIGH OBSTRUCTIONS MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER REMARKS- STRUCK WIRES SUSPENDED 52 FT ABOVE THE RIVER.						
3-0493	1/12/79 TIME - 1510	NR. ACUFF, TX	BEECH 95-B55 N6032F DAMAGE-DESTROYED	CR- 2 0 0 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL. INSTR., AGE 64, 21800 TOTAL HOURS, 820 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT LUBBOCK, TX INTENDED DESTINATION LOCAL TYPE OF ACCIDENT STALL SPIN PHASE OF OPERATION IN FLIGHT OTHER PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED REMARKS- ACFT CONFIGURED GR DOWN, FLAPS UP, NOSE-UP TRIM.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3917	12/21/79	NR.COMFORT,TX	CESSNA 182E N2853Y DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 40, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT JASPER,TX	INTENDED DESTINATION OZONA,TX	LAST ENROUTE STOP BEAUMONT,TX		
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	CONTROLLED	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE		
PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS						
FACTOR(S) PILOT IN COMMAND - ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT						
WEATHER - LOW CEILING						
WEATHER - RAIN						
WEATHER - FOG						
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE						
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT						
		SKY CONDITION OBSCURATION	CEILING AT ACCIDENT SITE 0			
		VISIBILITY AT ACCIDENT SITE 1 MILE OR LESS	PRECIPITATION AT ACCIDENT SITE DRIZZLE, RAIN			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG	TEMPERATURE-F 68			
		WIND DIRECTION-DEGREES 130	WIND VELOCITY-KNOTS 9			
		TYPE OF WEATHER CONDITIONS IFR	TYPE OF FLIGHT PLAN NONE			
REMARKS- MAG COMPASS OUT OF FLUID.USING HAND-HELD COMPASS.VACUUM PUMP DISCONNECTED.						
3-3919	6/17/79	NR.MILFORD,UT	CESSNA U206 N4424Q DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 3	COMMERCIAL MAPPING/PHOTO	ATP,FLIGHT INSTR., AGE 38, 6600 TOTAL HOURS, 800 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT CEDAR CITY,UT	INTENDED DESTINATION MILFORD,UT	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE		
		TYPE OF ACCIDENT FIRE OR EXPLOSION IN FLIGHT ENGINE FAILURE OR MALFUNCTION	IN FLIGHT DESCENDING			
PROBABLE CAUSE(S) SYSTEMS - ELECTRICAL SYSTEM GENERATORS/ALTERNATORS						
SYSTEMS - ELECTRICAL SYSTEM RELAYS AND WIRING						
MISCELLANEOUS ACTS,CONDITIONS - DISCONNECTED						
MISCELLANEOUS ACTS,CONDITIONS - ARCING						
MISCELLANEOUS ACTS,CONDITIONS - FIRE IN ENGINE						
FACTOR(S) POWERPLANT - IGNITION SYSTEM IGNITION HARNESS,SHIELDING						
MISCELLANEOUS ACTS,CONDITIONS - BURNED						
FIRE AFTER IMPACT						
REMARKS- AFTER GND WIRE BCM DISCNCTD,ALTERNATOR ARCED TO FUEL VENT LN.IGNITION LNS BURNED.ACFT LNDD/BURNED.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3918	8/17/79 TIME - 1920	WENDOVER,UT	PIPER PA-34 N32418 DAMAGE-DESTROYED	CR- 2 0 0 PX- 4 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 42, 84 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - WENDOVER AF AUX DEPARTURE POINT INTENDED DESTINATION WENDOVER,UT SALT LAKE CITY,UT TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER UNCONTROLLED TAKEOFF INITIAL CLIMB PROBABLE CAUSE(S) PILOT IN COMMAND - SPATIAL DISORIENTATION FACTOR(S) PILOT IN COMMAND - PHYSICAL IMPAIRMENT MISCELLANEOUS ACTS,CONDITIONS - ALCOHOLIC IMPAIRMENT OF EFFICIENCY AND JUDGMENT REMARKS- NO GROUND REF POINTS IN DIR OF TKOK,DARK NIGHT,5HRS INST TIME,PLT BLOOD ALCOHOL LEVEL .056%.						
3-3969	8/22/79 TIME - 0940	FAIRVIEW,UT	PIPER PA-28 N6445J DAMAGE-SUBSTANTIAL	CR- 1 0 0 PX- 3 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 62, 7217 TOTAL HOURS, 5217 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION PROVO,UT PUEBLO,CO TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH TREES IN FLIGHT NORMAL CRUISE PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING MISCELLANEOUS ACTS,CONDITIONS - FLEW INTO BLIND CANYON FACTOR(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G. WEATHER - HIGH DENSITY ALTITUDE SKY CONDITION CEILING AT ACCIDENT SITE CLEAR UNLIMITED VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 5 OR OVER(UNLIMITED) NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE TEMPERATURE-F NONE 65 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN VFR VFR REMARKS- ACFT APPROX 119LBS OVER MAX G/W & 4IN BEYOND AFT C/G LIMIT.D/A APPROX 11395FT.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3983	10/8/79	NR. OGDEN, UT	CESSNA 172 N2285E DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 24, 15 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT OGDEN, UT INTENDED DESTINATION LOCAL TYPE OF ACCIDENT COLLISION WITH GROUND/WATER CONTROLLED PHASE OF OPERATION IN FLIGHT OTHER PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED CLEARANCE PERSONNEL - FLIGHT INSTRUCTOR INADEQUATE SUPERVISION OF FLIGHT REMARKS- STUDENT NOT ADVISED HE COULD NOT FLY LOW LEVEL MANEUVERS SOLO.						
3-3949	11/17/79	NR. OGDEN, UT	PIPER PA-38 N2440N DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 17, 16 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - OGDEN MUNICIPAL DEPARTURE POINT OGDEN, UT INTENDED DESTINATION LOCAL TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLISION WITH GROUND/WATER CONTROLLED PHASE OF OPERATION LANDING TRAFFIC PATTERN-CIRCLING LANDING LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS, CONDITIONS - FUEL STARVATION PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - TOUCH AND GO LANDING COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- ACFT HIT UTILITY POLE COLLAPSING L WING AND LNDG GEAR. RESIDUAL FUEL FOUND IN ENG FUEL SYSTEM.						
3-3921	11/17/79	BENNINGTON, VT	CESSNA 337G N53560 DAMAGE-DESTROYED	CR- 1 0 0 PX- 2 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 60, 1015 TOTAL HOURS, 910 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - BENNINGTON STATE DEPARTURE POINT ELYRIA, OH INTENDED DESTINATION BENNINGTON, VT TYPE OF ACCIDENT COLLISION WITH GROUND/WATER CONTROLLED PHASE OF OPERATION IN FLIGHT DESCENDING PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE REMARKS- COLLIDED W TREES/TRRN APRX 1880FT ABV ARPT ELEV ON DARK NGT.						

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3980	9/18/79 TIME - 2130	NORFOLK,VA	PIPER PA-28R N4608J DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 22, 268 TOTAL HOURS, 27 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - NORFOLK INTL DEPARTURE POINT GREENSBORO,NC TYPE OF ACCIDENT HARD LANDING GEAR COLLAPSED PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER LEVEL OFF PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE						
PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN LANDING LEVEL OFF/TOUCHDOWN						
3-3920	11/25/79 TIME - 1908	LOCUST GROVE,VA	PIPER PA-23 N7650D DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 42, 600 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT COLLEGE PARK,MD TYPE OF ACCIDENT COLLISION WITH GROUND/WATER UNCONTROLLED PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - SPATIAL DISORIENTATION FACTOR(S) WEATHER - LOW CEILING WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - WEATHER CONSIDERABLY WORSE THAN FORECAST						
SKY CONDITION OVERCAST/LOWER SCATTERED VISIBILITY AT ACCIDENT SITE 5 OR OVER(UNLIMITED) OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG WIND DIRECTION-DEGREES 150 TYPE OF WEATHER CONDITIONS IFR REMARKS- LNDG LGT FILAMENT STRETCHED.						
PHASE OF OPERATION IN FLIGHT UNCONTROLLED DESCENT CEILING AT ACCIDENT SITE 1000 PRECIPITATION AT ACCIDENT SITE RAIN TEMPERATURE-F 67 WIND VELOCITY-KNOTS 6 TYPE OF FLIGHT PLAN NONE						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3975	12/11/79 TIME - 1905	WHITE PASS, WA	PIPER PA-24 N6171P DAMAGE-DESTROYED INTENDED DESTINATION OLYMPIA, WA	CR- 1 0 0 PX- 3 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 49, 1096 TOTAL HOURS, 150 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT CALDWELL, ID						
TYPE OF ACCIDENT COLLIDED WITH TREES			PHASE OF OPERATION IN FLIGHT EMERGENCY DESCENT			
PROBABLE CAUSE(S) WEATHER - ICING CONDITIONS-INCLUDES SLEET, FREEZING RAIN, ETC. MISCELLANEOUS ACTS, CONDITIONS - AIRFRAME ICE						
FACTOR(S) PERSONNEL - TRAFFIC CONTROL PERSONNEL OTHER WEATHER - SNOW WEATHER - TURBULENCE, ASSOCIATED W/CLOUDS AND/OR THUNDERSTORMS WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT MISSING AIRCRAFT - LATER RECOVERED EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
SKY CONDITION OVERCAST			CEILING AT ACCIDENT SITE UNKNOWN/NOT REPORTED			
VISIBILITY AT ACCIDENT SITE 1/4 MILE OR LESS			PRECIPITATION AT ACCIDENT SITE SNOW			
OBSTRUCTIONS TO VISION AT ACCIDENT SITE BLOWING SNOW			TEMPERATURE-F 30			
WIND DIRECTION-DEGREES 260			WIND VELOCITY-KNOTS 10			
TYPE OF WEATHER CONDITIONS IFR			TYPE OF FLIGHT PLAN IFR			
REMARKS- ANOTHER ACFT, SAME RTE & ALT, 15MI AHEAD, RPRTD LIGHT RIME ICG. NOT BRFD ON ICG FCSTS. RECOVERED 9/8/80						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3971	11/25/79	NR.DAVIS,WV	PIPER PA-32 N3409W DAMAGE-DESTROYED	CR- 1 0 0 PX- 3 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 36, 400 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT BALTIMORE,MD	INTENDED DESTINATION INDIANAPOLIS,IN			
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	CONTROLLED	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE		
PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - MISJUDGED ALTITUDE						
FACTOR(S) PERSONNEL - WEATHER PERSONNEL INADEQUATE/INCORRECT WEATHER BRIEFING WEATHER - TURBULENCE, ASSOCIATED W/CLOUDS AND/OR THUNDERSTORMS WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - WEATHER CONSIDERABLY WORSE THAN FORECAST						
		SKY CONDITION UNKNOWN/NOT REPORTED	CEILING AT ACCIDENT SITE UNKNOWN/NOT REPORTED			
		VISIBILITY AT ACCIDENT SITE UNKNOWN/NOT REPORTED	PRECIPITATION AT ACCIDENT SITE RAIN			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG	WIND DIRECTION-DEGREES 160			
		WIND VELOCITY-KNOTS 32	TYPE OF WEATHER CONDITIONS IFR			
		TYPE OF FLIGHT PLAN NONE				
REMARKS- CRASHED NEAR TOP OF 4000FT MTN.DARK NIGHT.						
3-3959	4/17/79	CABLE,WI	CESSNA 210 N51570 DAMAGE-DESTROYED	CR- 1 0 0 PX- 5 0 0	COMMERCIAL NS CTR PASSG	AIRLINE TRANSPORT, AGE 46, 2599 TOTAL HOURS, 282 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - CABLE DEPARTURE POINT CABLE,WI	INTENDED DESTINATION ASHLAND,WI			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION STALL MUSH	PHASE OF OPERATION TAKEOFF INITIAL CLIMB TAKEOFF OTHER			
PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION POWERPLANT - ENGINE STRUCTURE CYLINDER ASSEMBLY MISCELLANEOUS ACTS,CONDITIONS - WRONG PART MISCELLANEOUS ACTS,CONDITIONS - CORRODED/CORROSION MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED						
FACTOR(S) PILOT IN COMMAND - FAILED TO RETRACT LANDING GEAR PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND FIRE AFTER IMPACT						
REMARKS- NO3 EXHAUST VALVE FAILED.ACFT OBSVD IN NEAR VERTICAL TURN BACK TOWARD ARPT.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3946	7/30/79	NR. OSHKOSH, WI	CESSNA 177 N30231 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 54, 489 TOTAL HOURS, 15 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - OSHKOSH DEPARTURE POINT OSHKOSH, WI TYPE OF ACCIDENT STALL MUSH PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED FACTOR(S) PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS WEATHER - LOW CEILING WEATHER - RAIN SKY CONDITION BROKEN VISIBILITY AT ACCIDENT SITE 2 MILES OR LESS OBSTRUCTIONS TO VISION AT ACCIDENT SITE UNKNOWN/NOT REPORTED TYPE OF FLIGHT PLAN NONE INTENDED DESTINATION ST PAUL, MN PHASE OF OPERATION IN FLIGHT NORMAL CRUISE CEILING AT ACCIDENT SITE 800 PRECIPITATION AT ACCIDENT SITE RAIN SHOWERS TYPE OF WEATHER CONDITIONS IFR						
3-3955	10/27/79	NR. MILWAUKEE, WI	PIPER PA-28 N40868 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL. INSTR., AGE 24, 1081 TOTAL HOURS, 300 IN TYPE, NOT INSTRU- MENT RATED.
NAME OF AIRPORT - RAINBOW DEPARTURE POINT MILWAUKEE, WI TYPE OF ACCIDENT STALL MUSH PROBABLE CAUSE(S) PILOT IN COMMAND - PREMATURE LIFT-OFF PILOT IN COMMAND - FAILED TO ABORT TAKEOFF INTENDED DESTINATION FRANKLIN, WI PHASE OF OPERATION TAKEOFF INITIAL CLIMB						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3974	12/21/79 TIME - 1918	GREEN BAY,WI	CESSNA 310R N78ST DAMAGE-DESTROYED	CR- 0 1 0 PX- 2 2 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 35, 1632 TOTAL HOURS, 70 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - AUSTIN-STRAUBEL						
DEPARTURE POINT			INTENDED DESTINATION			
PALWAUKEE,IL			GREEN BAY,WI			
TYPE OF ACCIDENT			PHASE OF OPERATION			
COLLIDED WITH TREES			LANDING FINAL APPROACH			
PROBABLE CAUSE(S)						
PILOT IN COMMAND - IMPROPER IFR OPERATION						
FACTOR(S)						
WEATHER - LOW CEILING						
WEATHER - FOG						
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE						
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT						
SKY CONDITION			CEILING AT ACCIDENT SITE			
OBSCURATION			200			
VISIBILITY AT ACCIDENT SITE			PRECIPITATION AT ACCIDENT SITE			
ZERO			NONE			
OBSTRUCTIONS TO VISION AT ACCIDENT SITE			WIND DIRECTION-DEGREES			
FOG			210			
WIND VELOCITY-KNOTS			TYPE OF WEATHER CONDITIONS			
5			IFR			
TYPE OF FLIGHT PLAN						
IFR						
REMARKS- ILS RWY 6R APCH.HIT TREES APRX 1/2MI SW OF ARPT.						
3-3945	12/29/79 NR.JOHNSON CREEK,WI TIME - 1235	M.B.B. 80-209 N209SF DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 40, 854 TOTAL HOURS, 699 IN TYPE, INSTRUMENT RATED.	
DEPARTURE POINT			INTENDED DESTINATION			
LYONS,WI			WATERTOWN,WI			
TYPE OF ACCIDENT			PHASE OF OPERATION			
ENGINE FAILURE OR MALFUNCTION			IN FLIGHT NORMAL CRUISE			
COLLISION WITH GROUND/WATER CONTROLLED			LANDING LEVEL OFF/TOUCHDOWN			
PROBABLE CAUSE(S)						
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING						
PILOT IN COMMAND - MISMANAGEMENT OF FUEL						
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION						
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE						
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3987	10/27/79	NR. JACKSON, WY	CESSNA C210T N6470A DAMAGE-DESTROYED	CR- 1 0 0 PX- 3 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 35, 249 TOTAL HOURS, 63 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - JACKSON HOLE APT DEPARTURE POINT INTENDED DESTINATION IDAHO FALLS, ID JACKSON, WY TYPE OF ACCIDENT PHASE OF OPERATION STALL LANDING FINAL APPROACH PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION FACTOR(S) TERRAIN - OTHER REMARKS- BUTTE LOCATED 2 TO 3-1/4 MI FRM ARPT. WITNESS OBSERVED LDG LITE SHINING ON SIDE OF MTN. RWY LITES HI						
3-3947	11/29/79	WHEATLAND, WY	PIPER PA-28 N7549W DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE UNK/NR, 51 TOTAL HOURS, 6 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - PHIFER DEPARTURE POINT INTENDED DESTINATION WHEATLAND, WY LOCAL TYPE OF ACCIDENT PHASE OF OPERATION GROUND-WATER LOOP-SWERVE TAKEOFF RUN COLLIDED WITH SNOWBANK TAKEOFF RUN PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS ICE/SLUSH ON RUNWAY WEATHER - UNFAVORABLE WIND CONDITIONS WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED SKY CONDITION CEILING AT ACCIDENT SITE CLEAR UNLIMITED VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 5 OR OVER(UNLIMITED) NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE RELATIVE BEARING OF WIND NONE LEFT QUARTERING HEAD WIND 293-337 DEGREES WIND DIRECTION-DEGREES WIND VELOCITY-KNOTS 202 10 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN VFR NONE REMARKS- WHILE PRACTICING SOFT FLD TKOF ON ICY RWY, ACFT SWERVED WHEN WND GUST WAS ENCTRD DRG ROTATION.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3948	12/28/79	NR.THERMOPOLIS,WY	BELL 206B	CR- 0 0 1	COMMERCIAL	AIRLINE TRANSPORT, AGE
	TIME - 1600		N16867	PX- 0 0 0	OTHER	32, 7299 TOTAL HOURS,
			DAMAGE-SUBSTANTIAL			2500 IN TYPE, INSTRUMENT
						RATED.
		DEPARTURE POINT	INTENDED DESTINATION			
		THERMOPOLIS,WY	LOCAL			
		TYPE OF ACCIDENT			PHASE OF OPERATION	
		COLLIDED WITH OBJECT			TAKEOFF VERTICAL	
		ROLL OVER			TAKEOFF ABORTED	
		PROBABLE CAUSE(S)				
		PILOT IN COMMAND - MISJUDGED CLEARANCE				
		FACTOR(S)				
		TERRAIN - HIGH VEGETATION				
		MISCELLANEOUS ACTS,CONDITIONS - LOAD NOT JETTISONED				
		REMARKS- RT SKID CAUGHT SAGEBRUSH DURING LIFTOFF.ACFT HAD 600LB EXT LOAD.				

NATIONAL TRANSPORTATION SAFETY BOARD

WASHINGTON, D. C. 20594

BRIEFS OF INCIDENTS

U.S. GENERAL AVIATION

SUPPLEMENTAL ISSUE

1979

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
5-0001	3/14/79 TIME - 1421	INDIANAPOLIS, IN	CESSNA 402 N40480 DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS TEST	COMMERCIAL, FL. INSTR., AGE 22, 2200 TOTAL HOURS, 400 IN TYPE, INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT</p> <p>NAME OF AIRPORT - INDIANAPOLIS INTL DEPARTURE POINT INTENDED DESTINATION INDIANAPOLIS, IN LOCAL</p> <p>TYPE OF ACCIDENT PHASE OF OPERATION GEAR RETRACTED LANDING ROLL</p> <p>PROBABLE CAUSE(S)</p> <p>PERSONNEL - MAINTENANCE, SERVICING, INSPECTION IMPROPER MAINTENANCE (OWNER PERSONNEL)</p> <p>PERSONNEL - MAINTENANCE, SERVICING, INSPECTION INADEQUATE INSPECTION OF AIRCRAFT (MAINTENANCE PERSONNEL)</p> <p>AIRFRAME - LANDING GEAR NORMAL RETRACTION/EXTENSION ASSEMBLY</p> <p>MISCELLANEOUS ACTS, CONDITIONS - IMPROPER ALIGNMENT/ADJUSTMENT</p> <p>MISCELLANEOUS ACTS, CONDITIONS - LOOSE, PART/FITTING</p>						
5-0002	2/23/79 TIME - 1730	NR. FREER, TX	HILLER UH-12E N40261 DAMAGE-MINOR	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	ATP, FLIGHT INSTR., AGE UNK/NR, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT</p> <p>NAME OF AIRPORT - DUVAL RANCH STRIP DEPARTURE POINT INTENDED DESTINATION FREER, TX LOCAL</p> <p>TYPE OF ACCIDENT PHASE OF OPERATION HARD LANDING LANDING ROLL-ON/RUN-ON</p> <p>PROBABLE CAUSE(S)</p> <p>PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE</p> <p>REMARKS- PLT ON BIENNIAL FLT REVIEW.</p>						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
5-0003	3/9/79 TIME - 0400	GREENSBORO, NC	LEAR 24B N14BC DAMAGE-NONE	CR- 0 0 2 PX- 0 0 0	NONCOMMERCIAL CORP/EXEC	AIRLINE TRANSPORT, AGE 48, 8000 TOTAL HOURS, 1000 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - GREENSBORO HIGHPT DEPARTURE POINT INTENDED DESTINATION GREENSBORO, NC NASHVILLE, TN TYPE OF ACCIDENT PHASE OF OPERATION UNCONTROLLED ALTITUDE DEVIATIONS IN FLIGHT NORMAL CRUISE PROBABLE CAUSE(S) SYSTEMS - FLIGHT CONTROL SYSTEMS FLIGHT CONTROL BOOST SYSTEM, ELECTRICAL MISCELLANEOUS ACTS, CONDITIONS - INTERFERENCE WITH FLIGHT CONTROLS REMARKS- ELEVATOR PITCH SERVO ELECTROMAGNETIC CLUTCH ENGAGED PERIODICALLY W/O ELECTRICAL INPUT.						
5-0004	4/17/79 TIME - 1247	SAN FRANCISCO, CA	BEECH 65-A80 N978Q DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 7	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	ATP, FLIGHT INSTR., AGE UNK/NR, 31750 TOTAL HOURS, 26 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - SAN FRANCISCO INT DEPARTURE POINT INTENDED DESTINATION PINE MOUNT, LAKE, CA SAN FRANCISCO, CA TYPE OF ACCIDENT PHASE OF OPERATION GEAR RETRACTED LANDING ROLL PROBABLE CAUSE(S) AIRFRAME - LANDING GEAR EMERGENCY/EXTENSION ASSEMBLY MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE REMARKS- FLIGHT HAD FILED COMPANY VFR FLIGHT PLAN.						
5-0005	5/25/79 TIME - 0740	KANSAS CITY, MO	PIPER PA-23 N6913Y DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 3	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL. INSTR., AGE 25, 4220 TOTAL HOURS, 232 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - KANSAS CITY MUNI DEPARTURE POINT INTENDED DESTINATION KANSAS CITY, MO EVANSVILLE, IN TYPE OF ACCIDENT PHASE OF OPERATION GEAR RETRACTED TAXI TO TAKEOFF PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO ASSURE THE GEAR WAS DOWN AND LOCKED						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
5-0006	4/6/79 TIME - 2140	SWANTON, OH	LEARJET 25B N2427F DAMAGE-NONE	CR- 0 0 2 PX- 0 0 2	MISCELLANEOUS FERRY	ATP, FLIGHT INSTR., AGE 35, 5252 TOTAL HOURS, 1118 IN TYPE, INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT</p> <p>NAME OF AIRPORT - TOLEDO EXPRESS</p> <p>DEPARTURE POINT AIKEN, S.C.</p> <p>TYPE OF ACCIDENT MISCELLANEOUS</p> <p>PHASE OF OPERATION LANDING FINAL APPROACH</p> <p>PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION INADEQUATE MAINTENANCE AND INSPECTION SYSTEMS - FLIGHT CONTROL SYSTEMS ELEVATOR AND ELEVATOR TAB CONTROL SYSTEM MISCELLANEOUS ACTS, CONDITIONS - FROZEN, MOISTURE</p> <p>FACTOR(S) PERSONNEL - PRODUCTION-DESIGN-PERSONNEL OTHER</p> <p>REMARKS- ELEV FLT CONTROL BINDING. FLT MANUAL REVISED 5/79.</p>						
5-0007	6/2/79 TIME - 2015	NR. STEBBINS, AK	CESSNA 207 N1606U DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 20, 990 TOTAL HOURS, 300 IN TYPE, NOT INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT</p> <p>DEPARTURE POINT STEBBINS, AK</p> <p>INTENDED DESTINATION UNALAKLEET, AK</p> <p>TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION GEAR COLLAPSED</p> <p>PHASE OF OPERATION IN FLIGHT CLIMB TO CRUISE LANDING ROLL</p> <p>PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL) POWERPLANT - ENGINE STRUCTURE CRANKCASE MISCELLANEOUS ACTS, CONDITIONS - IMPROPERLY INSTALLED</p> <p>FACTOR(S) TERRAIN - WET, SOFT GROUND MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE</p> <p>EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND</p> <p>REMARKS- FRONT CRANKCASE THROUGH BOLTS FOUND TO HAVE EXCESSIVE SEALER ON THEM. CRANKCASE HALVES LOOSE.</p>						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
5-0008	2/13/79 TIME - 0712	BALTIMORE,MD	SHORTS SD3-30 N796HA DAMAGE-MINOR	CR- 0 0 3 PX- 0 0 12	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	ATP, FLIGHT INSTR., AGE 36, 8200 TOTAL HOURS, 920 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT						
NAME OF AIRPORT - BWI INTERNATIONAL						
DEPARTURE POINT		INTENDED DESTINATION				
SALISBURY,MD		BALTIMORE,MD				
TYPE OF ACCIDENT				PHASE OF OPERATION		
GEAR RETRACTED				LANDING ROLL		
PROBABLE CAUSE(S)						
AIRFRAME - LANDING GEAR GEAR LOCKING MECHANISM						
MISCELLANEOUS ACTS, CONDITIONS - FROZEN, MOISTURE						
AIRFRAME - LANDING GEAR LANDING GEAR WARNING AND INDICATING COMPONENTS						
MISCELLANEOUS ACTS, CONDITIONS - IMPROPER ALIGNMENT/ADJUSTMENT						
FACTOR(S)						
WEATHER - SNOW						
SKY CONDITION				CEILING AT ACCIDENT SITE		
CLEAR				UNLIMITED		
VISIBILITY AT ACCIDENT SITE				PRECIPITATION AT ACCIDENT SITE		
5 OR OVER(UNLIMITED)				NONE		
OBSTRUCTIONS TO VISION AT ACCIDENT SITE				TEMPERATURE-F		
NONE				17		
TYPE OF WEATHER CONDITIONS				TYPE OF FLIGHT PLAN		
VFR				IFR		
REMARKS- SNOW ON RUNWAY AT DEPARTURE AIRPORT LODGED IN NOSE WHEELWELL.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
5-0009	4/5/79 TIME - 0930	NEWBURGH,NY	BEECH BE-18 N145PA DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 54, 5615 TOTAL HOURS, 186 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - STEWART DEPARTURE POINT NEWBURGH,NY INTENDED DESTINATION JAMAICA,NY TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE GEAR COLLAPSED PHASE OF OPERATION TAKEOFF RUN TAKEOFF RUN PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS FACTOR(S) WEATHER - UNFAVORABLE WIND CONDITIONS MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE SKY CONDITION BROKEN VISIBILITY AT ACCIDENT SITE 5 OR OVER(UNLIMITED) OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE WIND DIRECTION-DEGREES 270 TYPE OF WEATHER CONDITIONS VFR REMARKS- WINDS GUSTING 18KTS.						
CEILING AT ACCIDENT SITE 8000 PRECIPITATION AT ACCIDENT SITE NONE RELATIVE BEARING OF WIND LEFT QUARTERING HEAD WIND 293-337 DEGREES WIND VELOCITY-KNOTS 10 TYPE OF FLIGHT PLAN NONE						
5-0010	4/5/79 TIME - 2013	LAFAYETTE,LA	BEECHCRAFT B99A N1922T DAMAGE-MINOR	CR- 0 0 2 PX- 0 0 13	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	AIRLINE TRANSPORT, AGE 49, 10010 TOTAL HOURS, 4727 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - REGIONAL DEPARTURE POINT NEW ORLEANS,LA INTENDED DESTINATION LAFAYETTE,LA TYPE OF ACCIDENT BIRD STRIKE PHASE OF OPERATION IN FLIGHT DESCENDING PROBABLE CAUSE(S) MISCELLANEOUS - BIRD COLLISION						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
5-0011	5/1/79 TIME - 0645	BUNKER,MO	CESSNA 210 N6153N DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 23, 2495 TOTAL HOURS, 150 IN TYPE, INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT</p> <p>DEPARTURE POINT INTENDED DESTINATION</p> <p>CAPE GIRARDEAU,MO GREAT BEND,KS</p> <p>TYPE OF ACCIDENT PHASE OF OPERATION</p> <p>ENGINE FAILURE OR MALFUNCTION IN FLIGHT NORMAL CRUISE</p> <p>WHEELS-UP LANDING LEVEL OFF/TOUCHDOWN</p> <p>PROBABLE CAUSE(S)</p> <p>POWERPLANT - ENGINE STRUCTURE OTHER</p> <p>MISCELLANEOUS ACTS,CONDITIONS - DISCONNECTED</p> <p>COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE</p> <p>EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND</p> <p>REMARKS- CRANKSHAFT COUNTER WEIGHT PIN CAME OUT.</p>						
5-0012	4/11/79 TIME - 2130	RAEFORD,NC	FAIRCHILD PC-6C N361F DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 9	NONCOMMERCIAL OTHER	COMMERCIAL, AGE 26, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT</p> <p>DEPARTURE POINT INTENDED DESTINATION</p> <p>RAEFORD,NC LOCAL</p> <p>TYPE OF ACCIDENT PHASE OF OPERATION</p> <p>AIRFRAME FAILURE IN FLIGHT IN FLIGHT NORMAL CRUISE</p> <p>PROBABLE CAUSE(S)</p> <p>PERSONNEL - MAINTENANCE,SERVICING,INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL)</p> <p>AIRFRAME - FLIGHT CONTROL SURFACES ELEVATOR ASSEMBLY,ATTACHMENTS</p> <p>MISCELLANEOUS ACTS,CONDITIONS - BOGUS PART</p> <p>FACTOR(S)</p> <p>MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT</p> <p>REMARKS- BOLT SPECIFIED HAS NF THREAD.BOLT FOUND WITH ELEVATOR HAD NC THREAD.</p>						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
5-0013	4/1/79 TIME - 1300	GREEN MOUNTAIN,WA	PIPER PA-28 N30216 DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 35, 1055 TOTAL HOURS, 84 IN TYPE, INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT</p> <p>NAME OF AIRPORT - TAYLORS GREEN MTN DEPARTURE POINT INTENDED DESTINATION HILLSBORO,OR ORCHARDS,WA TYPE OF ACCIDENT OVERSHOOT COLLIDED WITH FENCE,FENCEPOSTS</p> <p>LAST ENROUTE STOP GREEN MOUNTAIN,WA PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN LANDING GO-AROUND</p> <p>PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND</p> <p>FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS WET RUNWAY TERRAIN - HIGH OBSTRUCTIONS MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING</p>						
5-0014	2/7/79 TIME - 1545	CINCINNATI,OH	PIPER PA-31 N6642L DAMAGE-NONE	CR- 0 0 1 PX- 0 0 7	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	COMMERCIAL, FL.INSTR., AGE 36, 8118 TOTAL HOURS, 327 IN TYPE, INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT</p> <p>NAME OF AIRPORT - GREATER CINCINNAT DEPARTURE POINT INTENDED DESTINATION CINCINNATI,OH CLEVELAND,OH TYPE OF ACCIDENT AIRFRAME FAILURE IN FLIGHT</p> <p>PHASE OF OPERATION IN FLIGHT CLIMB TO CRUISE</p> <p>PROBABLE CAUSE(S) SYSTEMS - FLIGHT CONTROL SYSTEMS ELEVATOR AND ELEVATOR TAB CONTROL SYSTEM REMARKS- CABLE JUMPED OFF FLEV PULLEY.</p>						
5-0015	5/30/79 TIME - 1200	SHELBYVILLE,NC	CESSNA 402 N87280 DAMAGE-NONE	CR- 0 0 1 PX- 0 0 2	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	ATP,FLIGHT INSTR., AGE 34, 4500 TOTAL HOURS, 1200 IN TYPE, INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT</p> <p>DEPARTURE POINT INTENDED DESTINATION UNKNOWN/NOT REPORTED CHARLOTTE,NC TYPE OF ACCIDENT AIRFRAME FAILURE IN FLIGHT</p> <p>PHASE OF OPERATION IN FLIGHT NORMAL CRUISE</p> <p>PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE INSPECTION OF AIRCRAFT (MAINTENANCE PERSONNEL) SYSTEMS - FLIGHT CONTROL SYSTEMS ELEVATOR AND ELEVATOR TAB CONTROL SYSTEM MISCELLANEOUS ACTS,CONDITIONS - CORRODED/CORROSION MISCELLANEOUS ACTS,CONDITIONS - LACK OF LUBRICATION-SPECIFIC PART,NOT SYSTEM REMARKS- ELEVATOR TRIM TAB ACTUATOR FAILED.CORRODED THREADS,ROLLED PEAKS ON THREADS.51HRS SINCE LAST 100HR.</p>						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
5-0016	3/14/79 TIME - 1715	LANCASTER,CA	CESSNA T210L N123DH DAMAGE-NONE	CR- 0 0 1 PX- 1 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	CERTIFICATE UNKNOWN, AGE UNK/NR, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, UNK/NR INSTRUMENT RATED.
CLASSIFIED AS INCIDENT DEPARTURE POINT INTENDED DESTINATION MAMMOTH LAKES,CA PALM SPRINGS,CA TYPE OF ACCIDENT PHASE OF OPERATION MISCELLANEOUS IN FLIGHT NORMAL CRUISE PROBABLE CAUSE(S) PERSONNEL - MISCELLANEOUS-PERSONNEL PASSENGER MISCELLANEOUS ACTS,CONDITIONS - HYPOXIA REMARKS- PAX DIED DURING FLT,BLOOD ALCOHOL LEVEL .44%.						
5-0017	9/23/79 TIME - 1700	PORTERVILLE,CA	CESSNA TR182 N736ZQ DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 36, 401 TOTAL HOURS, 12 IN TYPE, NOT INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - PORTERVILLE MUNI DEPARTURE POINT INTENDED DESTINATION WOODLAKE,CA KING CITY,CA TYPE OF ACCIDENT PHASE OF OPERATION WHEELS-UP LANDING LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) SYSTEMS - HYDRAULIC SYSTEM RESERVOIR,LINES,FITTINGS AIRFRAME - LANDING GEAR NORMAL RETRACTION/EXTENSION ASSEMBLY MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE REMARKS- LND GEAR HYD. RETRACT HOSE P/N S2178-4-0096 FAILURE.						
5-0018	4/19/79 TIME - 0718	SHEEP BAY,AK	CESSNA 180F N2690Y DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 0 OT- 0 0 1	NONCOMMERCIAL OTHER	PRIVATE, AGE 37, 646 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
CLASSIFIED AS INCIDENT DEPARTURE POINT INTENDED DESTINATION OLSEN BAY,AK. SHEEP BAY,AK TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH AIRCRAFT BOTH IN FLIGHT IN FLIGHT OTHER PROBABLE CAUSE(S) PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - DISREGARD OF GOOD OPERATING PRACTICE MISCELLANEOUS ACTS,CONDITIONS - CONGESTED TRAFFIC-PATTERN SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV. CONTROLLING AGENCY - NO CONTROL RADAR CTL/SURVEILLANCE - NOT UNDER RADAR CONTACT TRAFFIC ADVISORY ISSUED.- NONE CONTROL ZONE/AREA - NO EVASIVE ACTION TAKEN - NO ANTI-COLLISION LIGHTS - INSTALLED,OPERATION UNKNOWN REMARKS- FISH SPOTTING.A/C FLOAT EQUIPPED.NO OBSERVER IN ACFT,APPROX 15 OTHER ACFT IN AREA OVER BAY.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
5-0018	4/19/79 TIME - 0718	SHEEP RAY, AK	PIPER PA-18 N41787 DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 0 DT- 0 0 1	NONCOMMERCIAL OTHER	COMMERCIAL, AGE 41, 8500 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
CLASSIFIED AS INCIDENT DEPARTURE POINT SHEEP RAY, AK INTENDED DESTINATION LOCAL TYPE OF ACCIDENT COLLISION WITH AIRCRAFT BOTH IN FLIGHT PHASE OF OPERATION IN FLIGHT OTHER PROBABLE CAUSE(S) PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - DISREGARD OF GOOD OPERATING PRACTICE MISCELLANEOUS ACTS, CONDITIONS - CONGESTED TRAFFIC-PATTERN SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN. AV. - SMALL US GEN. AV. CONTROLLING AGENCY - NO CONTROL RADAR CTL/SURVEILLANCE - NOT UNDER RADAR CONTACT TRAFFIC ADVISORY ISSUED - NONE CONTROL ZONE/AREA - NO EVASIVE ACTION TAKEN - NO ANTI-COLLISION LIGHTS - INSTALLED, OPERATION UNKNOWN REMARKS- A/C FLOAT EQUIPPED, FISH SPOTTING, NO OBSERVER IN ACFT, APPROX 15 OTHER ACFT IN AREA OVER BAY.						
5-0019	8/30/79 TIME - 1700	FRIENDSWOOD, TX	CESSNA 421B N421HC DAMAGE-MINOR	CR- 0 0 2 PX- 0 0 0	NONCOMMERCIAL PRACTICE	AIRLINE TRANSPORT, AGE 24, 3400 TOTAL HOURS, UNK/NR IN TYPE, INSTRU- MENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - CLOVER FIELD DEPARTURE POINT FRIENDSWOOD, TX INTENDED DESTINATION LOCAL TYPE OF ACCIDENT FIRE OR EXPLOSION IN FLIGHT PHASE OF OPERATION TAKEOFF INITIAL CLIMB PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL) POWERPLANT - LUBRICATING SYSTEM SEALS AND GASKETS MISCELLANEOUS ACTS, CONDITIONS - WRONG PART MISCELLANEOUS ACTS, CONDITIONS - LEAK/LEAKAGE REMARKS- WASHERS USED AS SPACERS BETWEEN ENG & OIL COOLER WERE 5/16IN, CORRECT SPACERS ARE SHIMS .010IN.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
5-0020	6/8/79 TIME - 0850	OPHIR,AK	PIPER PA-28 N6475J DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 31, 1736 TOTAL HOURS, 58 IN TYPE, NOT INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - OPHIR DEPARTURE POINT OPHIR,AK TYPE OF ACCIDENT COLLIDED WITH TREES INTENDED DESTINATION MCGRATH,AK PHASE OF OPERATION TAKEOFF ABORTED PROBABLE CAUSE(S) PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF FACTOR(S) PILOT IN COMMAND - PREMATURE LIFT-OFF REMARKS- ACFT LOADED W 3 ADULTS,1 DOG, PLUS GEAR FOR PAX.						
5-0021	6/1/79 TIME - 1500	AMITYVILLE,NY	CESSNA 177B N30639 DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 30, 349 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - ZAHNS DEPARTURE POINT AMITYVILLE,NY TYPE OF ACCIDENT BIRD STRIKE GEAR COLLAPSED INTENDED DESTINATION LOCAL PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) MISCELLANEOUS - BIRD COLLISION TERRAIN - WET,SOFT GROUND FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND PROP/ENGINE VIBRATION REMARKS- PROPELLER VIBRATION,LANDED ON ISLAND						
5-0022	9/1/79 TIME - 0730	NR.ANDERSON,SC	NAMC YS-11A N158P DAMAGE-NONE	CR- 0 0 6 PX- 0 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	AIRLINE TRANSPORT, AGE 48, 9300 TOTAL HOURS, 249 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT DEPARTURE POINT ATLANTA,GA TYPE OF ACCIDENT MISCELLANEOUS INTENDED DESTINATION CHARLOTTE,NC PHASE OF OPERATION IN FLIGHT NORMAL CRUISE PROBABLE CAUSE(S) PILOT IN COMMAND - INCAPACITATION REMARKS- CAPT BECAME INCAPICATED DUE UNDET CAUSE-FLT TERMINATED WITHOUT INCIDENT BY DEADHEADING YS-11 CAPT.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
5-0023	11/12/79 TIME - 1015	DALLAS, TX	CESSNA 500 N40JF DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 2	INSTRUCTIONAL TRAINING	AIRLINE TRANSPORT, AGE 27, 4000 TOTAL HOURS, 300 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT DEPARTURE POINT DALLAS, TX INTENDED DESTINATION LOCAL TYPE OF ACCIDENT AIRFRAME FAILURE IN FLIGHT PHASE OF OPERATION IN FLIGHT NORMAL CRUISE PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION INADEQUATE MAINTENANCE AND INSPECTION AIRFRAME - FLIGHT CONTROL SURFACES FLAP ASSEMBLIES MISCELLANEOUS ACTS, CONDITIONS - ASYMETRICAL FLAPS MISCELLANEOUS ACTS, CONDITIONS - LACK OF LUBRICATION-SPECIFIC PART, NOT SYSTEM EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT LATERAL CONTROL PROBLEM REMARKS- NEEDLE BEARING P/N896 FAILED.						
5-0024	10/31/79 TIME - 1920	ABILENE, TX	BEECHCRAFT B99 N35CA DAMAGE-MINOR	CR- 0 0 2 PX- 0 0 13	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	AIRLINE TRANSPORT, AGE 29, 4540 TOTAL HOURS, 2525 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - ABILENE MUNICIPAL DEPARTURE POINT D/FW AIRPORT, TX INTENDED DESTINATION ABILENE, TX TYPE OF ACCIDENT BIRD STRIKE PHASE OF OPERATION LANDING TRAFFIC PATTERN-CIRCLING PROBABLE CAUSE(S) MISCELLANEOUS - BIRD COLLISION REMARKS- BIRD APPEARED TO BE A NIGHT HAWK.						
5-0025	10/4/79 TIME - 1953	HOUSTON, TX	DEHAILLAND DHC6 N926MA DAMAGE-MINOR	CR- 0 0 2 PX- 0 0 12	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	CERTIFICATE UNKNOWN, AGE UNK/NR, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - HOUSTON INTCL DEPARTURE POINT LAKE JACKSON, TX INTENDED DESTINATION HOUSTON, TX TYPE OF ACCIDENT BIRD STRIKE PHASE OF OPERATION LANDING FINAL APPROACH PROBABLE CAUSE(S) MISCELLANEOUS - BIRD COLLISION REMARKS- RIGHT HAND WINDSHIELD HAD 6 INCH HOLE.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
5-0026	11/10/79 TIME - 0425	GRAND PRAIRIE, TX	DOUGLAS DC-3C N103CA DAMAGE-MINOR	CR- 0 0 2 PX- 0 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-U	ATP, FLIGHT INSTR., AGE 29, 7930 TOTAL HOURS, 583 IN TYPE, INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT</p> <p>DEPARTURE POINT INTENDED DESTINATION KANSAS CITY, KS GRAND PRAIRIE, TX</p> <p>TYPE OF ACCIDENT PHASE OF OPERATION BIRD STRIKE IN FLIGHT NORMAL CRUISE</p> <p>PROBABLE CAUSE(S) MISCELLANEOUS - BIRD COLLISION</p> <p>REMARKS- IDENTITY OF BIRDS UNKNOWN BUT SUSPECTED AS BEING GEESE.</p>						
5-0027	8/7/79 TIME - 0940	WASHINGTON, DC	BEECH 65-80 N99FA DAMAGE-MINOR	CR- 0 0 2 PX- 0 0 0	COMMERCIAL MAPPING/PHOTO	ATP, FLIGHT INSTR., AGE 42, 2807 TOTAL HOURS, 475 IN TYPE, INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT</p> <p>DEPARTURE POINT INTENDED DESTINATION GAITHERSBURG, MD LOCAL</p> <p>TYPE OF ACCIDENT PHASE OF OPERATION FIRE OR EXPLOSION IN FLIGHT IN FLIGHT NORMAL CRUISE</p> <p>PROBABLE CAUSE(S) SYSTEMS - ELECTRICAL SYSTEM PROTECTIVE DEVICES MISCELLANEOUS ACTS, CONDITIONS - PREVIOUS DAMAGE MISCELLANEOUS ACTS, CONDITIONS - ARCING SYSTEMS - ELECTRICAL SYSTEM REGULATOR MISCELLANEOUS ACTS, CONDITIONS - OVERHEATED</p> <p>FACTOR(S) SYSTEMS - ELECTRICAL SYSTEM GENERATORS/ALTERNATORS MISCELLANEOUS ACTS, CONDITIONS - ELECTRICAL FAILURE</p> <p>EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP. SMOKE IN COCKPIT SUSPECTED MECHANICAL DISCREPANCY</p> <p>REMARKS- FLOOR-MOUNTED ALTERNATOR FIELD CB DMGD, ARCED. VOLT REGS AND ALTERNATOR FIELDS BURNED.</p>						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
5-0028	10/24/79 TIME - 0830	MINNEAPOLIS,MN	BEECH 99 N652EX DAMAGE-MINOR	CR- 0 0 2 PX- 0 0 11	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	ATP, FLIGHT INSTR., AGE 33, 5461 TOTAL HOURS, 734 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - MINNEAPOLIS-ST PA DEPARTURE POINT INTENDED DESTINATION GRAND RAPIDS,MN MINNEAPOLIS,MN TYPE OF ACCIDENT PHASE OF OPERATION GEAR COLLAPSED LANDING ROLL PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION AIRFRAME - LANDING GEAR NORMAL RETRACTION/EXTENSION ASSEMBLY MISCELLANEOUS ACTS,CONDITIONS - LACK OF LUBRICATION-SPECIFIC PART,NOT SYSTEM FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - CORRODED/CORROSION						
5-0029	8/13/79 TIME - 1311	NEWARK,NJ	LEAR JET 35 N35NB DAMAGE-MINOR	CR- 0 0 2 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 62, 30000 TOTAL HOURS, 10000 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT DEPARTURE POINT INTENDED DESTINATION HOUSTON,TX RETURN TYPE OF ACCIDENT LAST ENROUTE STOP ENGINE FAILURE OR MALFUNCTION NEWARK,NJ PHASE OF OPERATION IN FLIGHT NORMAL CRUISE PROBABLE CAUSE(S) SYSTEMS - ELECTRICAL SYSTEM RELAYS AND WIRING MISCELLANEOUS ACTS,CONDITIONS - STICKING MISCELLANEOUS ACTS,CONDITIONS - OVERHEATED MISCELLANEOUS ACTS,CONDITIONS - ELECTRICAL FAILURE FACTOR(S) PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC. PERSONNEL - PRODUCTION-DESIGN-PERSONNEL OTHER PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 2 ENGINES EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT REMARKS- BTRY RELAY,PN 6041H202.CURRENT LMTR NOT GND CKD BFR TKOF.FLT MAN CHGB BY AD 80-06-02,3/14/80.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
5-0030	8/19/79	NR. PEYTON, CO TIME - UNK/NR	BELLANCA 7ECA N2888Z DAMAGE-NONE	CR- 0 0 2 PX- 0 0 0	MISCELLANEOUS DEMONSTRATION	AIRLINE TRANSPORT, AGE 42, 12500 TOTAL HOURS, 2000 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT DEPARTURE POINT INTENDED DESTINATION PEYTON, CO LOCAL TYPE OF ACCIDENT PHASE OF OPERATION AIRFRAME FAILURE IN FLIGHT IN FLIGHT ACROBATICS PROBABLE CAUSE(S) PERSONNEL - PRODUCTION-DESIGN-PERSONNEL SUBSTANDARD QUALITY CONTROL SYSTEMS - FLIGHT CONTROL SYSTEMS RUDDER AND RUDDER TAB CONTROL SYSTEM MISCELLANEOUS ACTS, CONDITIONS - POOR WELD REMARKS- REAR COCKPIT RIGHT RUDDER PEDAL BROKE FREE FROM CONTROL MECHANISM.						
5-0031	7/19/79	PITTSBURGH, PA TIME - 1154	PIPER PA-24 N8250P DAMAGE-NONE	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 49, 3000 TOTAL HOURS, 1100 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - GREATER PITT DEPARTURE POINT INTENDED DESTINATION GALLIPOLIS, OH FULTON, NY TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT NORMAL CRUISE PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL) POWERPLANT - ENGINE STRUCTURE CYLINDER ASSEMBLY MISCELLANEOUS ACTS, CONDITIONS - IMPROPERLY SECURED PILOT IN COMMAND - INCAPACITATION PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP.						
REMARKS- LOOSE CLAMP ON INTAKE MANIFOLD TUBE #5 CYL, ATTACH BOLT MSNG. PLT SUFFERED FM LG VESTIGIAL ANEURYSM.						
5-0032	8/29/79	COVINGTON, KY TIME - 1205	PIPER PA-31 N9167Y DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 2	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	ATP, FLIGHT INSTR., AGE 26, 5465 TOTAL HOURS, 630 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - GTR CINCINNATI DEPARTURE POINT INTENDED DESTINATION NASHVILLE, TN COVINGTON, KY TYPE OF ACCIDENT PHASE OF OPERATION WHEELS-UP LANDING LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION INADEQUATE INSPECTION OF AIRCRAFT (MAINTENANCE PERSONNEL) AIRFRAME - LANDING GEAR NORMAL RETRACTION/EXTENSION ASSEMBLY MISCELLANEOUS ACTS, CONDITIONS - EXCESSIVE-WEAR/PLAY REMARKS- WEAR THROUGHOUT RMLG LINKAGE. ACFT 18HRS OUT OF INSPECTION.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
5-0033	6/4/79 TIME - 0730	LONG BEACH, CA	CESSNA 402 N3209C DAMAGE-MINOR	CR- 0 0 2 PX- 0 0 5	COMMERCIAL MIL/CTR PASSG	COMMERCIAL, AGE 39, 3401 TOTAL HOURS, 119 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT DEPARTURE POINT INTENDED DESTINATION LONG BEACH, CA SAN CLEMENTE IS, CA TYPE OF ACCIDENT PHASE OF OPERATION FIRE OR EXPLOSION IN FLIGHT IN FLIGHT NORMAL CRUISE PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION INADEQUATE MAINTENANCE AND INSPECTION POWERPLANT - EXHAUST SYSTEM MANIFOLDS MISCELLANEOUS ACTS, CONDITIONS - MISSING FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - FIRE IN ENGINE REMARKS- NO 5 CYL EXH HOLDDOWN NUTS MISSING.						
5-0034	9/6/79 TIME - 1200	ST CHARLES, MO	BEECH 95 N84Z DAMAGE-MINOR	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL CHECK	COMMERCIAL, FL. INSTR., AGE 25, 380 TOTAL HOURS, 18 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - ST CHARLES COUNTY DEPARTURE POINT INTENDED DESTINATION ST LOUIS, MO RETURN TYPE OF ACCIDENT LAST ENROUTE STOP GROUND-WATER LOOP-SWERVE ST CHARLES, MO GEAR COLLAPSED PHASE OF OPERATION TAKEOFF ABORTED TAKEOFF ABORTED PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS CHECK PILOT - INADEQUATE SUPERVISION OF FLIGHT FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE REMARKS- BRAKES NOT AVAILABLE TO PIC.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
5-0035	3/3/79 TIME - 2220	DENVER, CO	DEHAVILLAND DHC-7 N27RM DAMAGE-MINOR	CR- 0 0 3 PX- 0 0 49	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	AIRLINE TRANSPORT, AGE 32, 11530 TOTAL HOURS, 200 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - STAPLETON INTL DEPARTURE POINT INTENDED DESTINATION DENVER, CO RETURN TYPE OF ACCIDENT LAST ENROUTE STOP WHEELS-UP ASPEN, CO 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 MISCELLANEOUS ACTS, CONDITIONS - JAMMED FACTOR(S) PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL FAILURE TO PROVIDE ADEQ. DIRECTIVES, MANUAL, EQUIPMENT PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL DEFICIENCY, COMPANY MAINTAINED EOPMT, SERVICES, REGULATION REMARKS- UN EXTEND NOSE GR, ICE SLUSH IN WELL, DOOR CLOSING SEQNG MECH REMOVED, HOT AIR AVBL TO WHEEL WELL.						
5-0036	12/6/79 TIME - 0713	WASHINGTON, DC	BEECH K35 N3077C DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL BUSINESS	COMMERCIAL, FL. INSTR., AGE 52, 2504 TOTAL HOURS, 1811 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - NATIONAL DEPARTURE POINT INTENDED DESTINATION WOODBRIDGE, VA WASHINGTON, DC TYPE OF ACCIDENT PHASE OF OPERATION PROPELLER/JET/ROTOR BLAST TAXI FROM LANDING.						
PROBABLE CAUSE(S) PERSONNEL - TRAFFIC CONTROL PERSONNEL ISSUED IMPROPER OR CONFLICTING INSTRUCTIONS MISCELLANEOUS - PROP/JET/ROTOR BLAST REMARKS- N3077C CLRD BEHIND DELTA 8727, GND CTL ISSUED CONFLICTING INSTRUCTIONS TO DELTA.						
5-0037	9/24/79 TIME - 1245	GRAND CANYON, AZ	CESSNA 402B N61SA DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 9	COMMERCIAL AIR TAXI-PASSG	CERTIFICATE UNKNOWN, AGE UNK/NR, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, UNK/NR INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - GRAND CANYON DEPARTURE POINT INTENDED DESTINATION LAS VEGAS, NV GRAND CANYON, AZ TYPE OF ACCIDENT PHASE OF OPERATION WHEELS-UP LANDING LEVEL OFF/TOUCHDOWN						
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO EXTEND LANDING GEAR						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
5-0038	11/14/79 TIME - 2007	NR.YAKIMA,WA	BEECH 99 N8012R DAMAGE-MINOR	CR- 0 0 2 PX- 0 0 10	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	AIRLINE TRANSPORT, AGE 28, 4579 TOTAL HOURS, 2406 IN TYPE, INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT</p> <p>DEPARTURE POINT INTENDED DESTINATION YAKIMA,WA OLYMPIA,WA</p> <p>TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT NORMAL CRUISE FIRE OR EXPLOSION IN FLIGHT IN FLIGHT NORMAL CRUISE</p> <p>PROBABLE CAUSE(S) POWERPLANT - TURBINE ASSEMBLY OTHER MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE</p> <p>FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - FIRE IN ENGINE COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE</p> <p>REMARKS- FIRST STAGE CARRIER ASSY,LEFT ENG,FAILED. PLT LND OK.</p>						
5-0039	9/7/79 TIME - 1440	NR.PEACH SPRINGS,AZ	CESSNA TU206C N3000B DAMAGE-NONE	CR- 0 0 1 PX- 0 0 5	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 23, 1247 TOTAL HOURS, ALL IN TYPE, INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT</p> <p>DEPARTURE POINT INTENDED DESTINATION GRAND CANYON,AZ LAS VEGAS,NV</p> <p>TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT NORMAL CRUISE</p> <p>PROBABLE CAUSE(S) POWERPLANT - FUEL SYSTEM RAM AIR ASSEMBLY MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE POWERPLANT - EXHAUST SYSTEM EXTERNAL SUPERCHARGER POWERPLANT - MISCELLANEOUS FOREIGN OBJECT DAMAGE PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT</p> <p>REMARKS- ALTERNATE AIR DOOR STRIKER PLAT(PN 1250936-1) INSTALLED BY TURBOCHARGER.</p>						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
5-0040	9/16/79	COMPTON,CA	CESSNA 150	CR- 0 0 1	INSTRUCTIONAL	STUDENT, AGE 31, 29 TOTAL
	TIME - 1040		N63412	PX- 0 0 0	TRAINING	HOURS, ALL IN TYPE, NOT
			DAMAGE-MINOR	OT- 0 0 1		INSTRUMENT RATED.
CLASSIFIED AS INCIDENT						
NAME OF AIRPORT - COMPTON						
DEPARTURE POINT		INTENDED DESTINATION		LAST ENROUTE STOP		
HAWTHORNE,CA		RETURN		COMPTON,CA		
TYPE OF ACCIDENT				PHASE OF OPERATION		
COLLISION WITH AIRCRAFT BOTH IN FLIGHT				LANDING FINAL APPROACH		
PROBABLE CAUSE(S)						
PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT						
PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT						
SPECIAL DATA						
SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV.						
CONTROLLING AGENCY - UNICOM			RADAR CTL/SURVEILLANCE - NOT UNDER RADAR CONTACT			
TRAFFIC ADVISORY ISSUED - NONE			CONTROLLED/UNCONTROLLED AIRPORT - UNCONTROLLED AIRPORT			
CONTROL ZONE/AREA - NO			CONVERGENCE ANGLE-DEGREES - 5			
HORIZONTAL COLLISION ANGLE-DEGREES - 0			VERTICAL COLLISION ANGLE-DEGREES - 5			
EVASIVE ACTION TAKEN - NO			ANTI-COLLISION LIGHTS - INSTALLED,OPERATION UNKNOWN			
5-0040	9/16/79	COMPTON,CA	CESSNA 150	CR- 0 0 1	INSTRUCTIONAL	STUDENT, AGE 26, 100
	TIME - 1040		N9366U	PX- 0 0 0	TRAINING	TOTAL HOURS, ALL IN TYPE,
			DAMAGE-NONE	OT- 0 0 1		NOT INSTRUMENT RATED.
CLASSIFIED AS INCIDENT						
NAME OF AIRPORT - COMPTON						
DEPARTURE POINT		INTENDED DESTINATION		LAST ENROUTE STOP		
LONG BEACH,CA		RETURN		COMPTON,CA		
TYPE OF ACCIDENT				PHASE OF OPERATION		
COLLISION WITH AIRCRAFT BOTH IN FLIGHT				LANDING FINAL APPROACH		
PROBABLE CAUSE(S)						
PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.						
PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT						
PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT						
SPECIAL DATA						
SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV.						
CONTROLLING AGENCY - UNICOM			RADAR CTL/SURVEILLANCE - NOT UNDER RADAR CONTACT			
TRAFFIC ADVISORY ISSUED - NONE			CONTROLLED/UNCONTROLLED AIRPORT - UNCONTROLLED AIRPORT			
CONTROL ZONE/AREA - NO			CONVERGENCE ANGLE-DEGREES - 5			
HORIZONTAL COLLISION ANGLE-DEGREES - 0			VERTICAL COLLISION ANGLE-DEGREES - 5			
EVASIVE ACTION TAKEN - NO			ANTI-COLLISION LIGHTS - INSTALLED,OPERATION UNKNOWN			
REMARKS- NON-STANDARD ENTRY INTO TRAFFIC PATTERN BY PILOT OF N9366U.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
5-0041	11/14/79	NR.MANSFIELD,TX	AEROSPATLE AS350D N3596Z DAMAGE-NONE	CR- 0 0 1 PX- 0 0 1	MISCELLANEOUS TEST	COMMERCIAL, AGE 31, 3525 TOTAL HOURS, 203 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - FLYING L DEPARTURE POINT GRAND PRAIRIE,TX INTENDED DESTINATION LOCAL TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION PHASE OF OPERATION IN FLIGHT OTHER PROBABLE CAUSE(S) POWERPLANT - LUBRICATING SYSTEM OTHER MISCELLANEOUS ACTS,CONDITIONS - OBSTRUCTED POWERPLANT - TURBINE ASSEMBLY OTHER MISCELLANEOUS ACTS,CONDITIONS - LACK OF LUBRICATION-SPECIFIC PART,NOT SYSTEM MISCELLANEOUS ACTS,CONDITIONS - VIBRATION,EXCESSIVE MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE MISCELLANEOUS ACTS,CONDITIONS - RPM-UNCONTROLLABLE-OVERSPEED COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP.T. REMARKS- NO 1 BRG OIL JET OBSTD W ORGANIC MTRL.BRG VIB LED TO FAILURE OF LOCK NUT & CAP.ENG-3HRS SINCE NEW.						
5-0042	11/27/79	ALBUQUERQUE,NM	BEECH 95-B55 N677K DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	COMMERCIAL, AGE 26, 2800 TOTAL HOURS, 700 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - ALBUQUERQUE INTL DEPARTURE POINT ALBUQUERQUE,NM INTENDED DESTINATION DALLAS,TX TYPE OF ACCIDENT COLLIDED WITH PARKED AIRCRAFT PHASE OF OPERATION TAXI TO TAKEOFF PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED CLEARANCE REMARKS- COLLIDED W PARKED CESSNA,N2981F.MINOR DMG TO BOTH ACFT.						
5-0043	6/6/79	KANSAS CITY,MO	BEECH 58 N328WT DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 4	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 32, 3260 TOTAL HOURS, 460 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - KANSAS CITY INTL DEPARTURE POINT KANSAS CITY,MO INTENDED DESTINATION ST LOUIS,MO TYPE OF ACCIDENT COLLIDED WITH OBJECT PHASE OF OPERATION TAXI TO TAKEOFF PROBABLE CAUSE(S) PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT FACILITIES TAXIWAY LIGHTING AND MARKING REMARKS- COLLIDED WITH STOP SIGN ON SERVICE ROAD,G/A RAMP 1ST DAY OF OPN,TAXI LINES NOT PAINTED.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
5-0044	9/15/79 TIME - 0510	NEWBURGH,NY	BEECH E18S N49MA DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	COMMERCIAL, AGE 50, 5904 TOTAL HOURS, 682 IN TYPE, INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT</p> <p>NAME OF AIRPORT - STEWART</p> <p>DEPARTURE POINT INTENDED DESTINATION</p> <p>WINDSOR LOCKS,CT NEWBURGH,NY</p> <p>TYPE OF ACCIDENT PHASE OF OPERATION</p> <p>WHEELS-UP LANDING LEVEL OFF/TOUCHDOWN</p> <p>PROBABLE CAUSE(S)</p> <p>PILOT IN COMMAND - FAILED TO EXTEND LANDING GEAR</p> <p>REMARKS- THIS ACFT NR 1 OF 3 INBOUND ACFT.DC9 NR 2 ACFT INBOUND WITH CARGO FOR OTRS.</p>						
5-0045	12/27/79 TIME - 1340	ST THOMAS,VI	DOUGLAS DC3C N100SD DAMAGE-MINOR	CR- 0 0 3 PX- 0 0 10	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 51, 16500 TOTAL HOURS, UNK/NR IN TYPE, INSTRU- MENT RATED.
<p>CLASSIFIED AS INCIDENT</p> <p>NAME OF AIRPORT - HARRY S TRUMAN</p> <p>DEPARTURE POINT INTENDED DESTINATION</p> <p>ST THOMAS,VI ST CROIX,VI</p> <p>TYPE OF ACCIDENT PHASE OF OPERATION</p> <p>PROPELLER/ROTOR FAILURE PROPELLER TAKEOFF RUN</p> <p>PROBABLE CAUSE(S)</p> <p>PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION</p> <p>POWERPLANT - PROPELLER AND ACCESSORIES BLADES</p> <p>MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE</p> <p>FACTOR(S)</p> <p>MISCELLANEOUS ACTS,CONDITIONS - CORRODED/CORROSION</p> <p>REMARKS- NO.2 PROPELLER BLADE SEPARATED.</p>						
5-0046	8/6/79 TIME - 1716	READING,PA	SHORT BROS SD3-30 N724SA DAMAGE-MINOR	CR- 0 0 3 PX- 0 0 17	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	AIRLINE TRANSPORT, AGE 40, 9878 TOTAL HOURS, 314 IN TYPE, INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT</p> <p>NAME OF AIRPORT - READING MUNI</p> <p>DEPARTURE POINT INTENDED DESTINATION</p> <p>READING,PA PHILADELPHIA,PA</p> <p>TYPE OF ACCIDENT PHASE OF OPERATION</p> <p>ENGINE FAILURE OR MALFUNCTION TAKEOFF RUN</p> <p>PROBABLE CAUSE(S)</p> <p>POWERPLANT - TURBINE ASSEMBLY OTHER</p> <p>MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE</p> <p>COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE</p> <p>FIRE AFTER IMPACT</p> <p>REMARKS- ENGINE POWER TURBINE DISINTERGRATED DUE TO FATIGUE IN SUNGEAR COUPLING.</p>						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
5-0047	9/14/79 TIME - 1930	TUCSON,AZ	CESSNA 210 N6125F DAMAGE-NONE	CR- 0 0 1 PX- 1 0 0	MISCELLANEOUS UNKNOWN/NOT REPORTED	PRIVATE, AGE 44, 980 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT DEPARTURE POINT TUCSON,AZ TYPE OF ACCIDENT MISCELLANEOUS INTENDED DESTINATION UNKNOWN/NOT REPORTED PHASE OF OPERATION IN FLIGHT CLIMB TO CRUISE PROBABLE CAUSE(S) PERSONNEL - MISCELLANEOUS-PERSONNEL PASSENGER REMARKS- PASSENGER SUFFERED HEART ATTACK IN FLIGHT.DIED APPROX 2HRS LATER.						
5-0048	7/13/79 TIME - 1145	NR.DRAKE ISLAND,AK	BEECH C-18S N1047B DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 33, 21070 TOTAL HOURS, 210 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT DEPARTURE POINT DRAKE ISLAND,AK TYPE OF ACCIDENT FIRE OR EXPLOSION INTENDED DESTINATION JUNEAU,AK PHASE OF OPERATION IN FLIGHT CLIMB TO CRUISE PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY SECURED MISCELLANEOUS ACTS,CONDITIONS - ARCING MISCELLANEOUS ACTS,CONDITIONS - FIRE IN CABIN,COCKPIT,BAGGAGE COMPARTMENT REMARKS- FLOAT EQUIPPED.AEROSOL CAN MADE CONTACT W UNPROTECTED ELEC TERM STUDS.						
5-0049	9/27/79 TIME - 0930	CHARLESTON,WV	BEECH 200 N200EA DAMAGE-NONE	CR- 0 0 2 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 30, 4895 TOTAL HOURS, 650 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT DEPARTURE POINT CHARLESTON,WV TYPE OF ACCIDENT FIRE OR EXPLOSION INTENDED DESTINATION UNKNOWN/NOT REPORTED PHASE OF OPERATION IN FLIGHT CLIMB TO CRUISE PROBABLE CAUSE(S) SYSTEMS - ELECTRICAL SYSTEM SWITCHES MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS AIRFRAME - FLIGHT CONTROL SURFACES FLAP ASSEMBLIES MISCELLANEOUS ACTS,CONDITIONS - OVERHEATED FACTOR(S) MISCELLANEOUS - SMOKE IN COCKPIT REMARKS- FLAP DRIVE MOTOR,PN 100-3844040-3,FAILED FM OVERHEAT.FLAP UP-LIMIT SW CONTAMINATED W DIRT.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
5-0050	12/21/79	NR.BETHEL,AK TIME - 0930	CESSNA 207A N7605U DAMAGE-NONE	CR- 0 0 1 PX- 0 0 3	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 36, 6000 TOTAL HOURS, 5 IN TYPE, NOT INSTRUMENT RATED.
CLASSIFIED AS INCIDENT DEPARTURE POINT INTENDED DESTINATION BETHEL,AK RETURN TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT NORMAL CRUISE						
PROBABLE CAUSE(S) POWERPLANT - ENGINE STRUCTURE MASTER AND CONNECTING RODS MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE MISCELLANEOUS ACTS,CONDITIONS - OIL EXHAUSTION-ENGINE LUBRICATION SYSTEM COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
5-0051	11/19/79	NR.CENTERVILLE,TX TIME - 1915	CESSNA U206 N222LS DAMAGE-NONE	CR- 0 0 2 PX- 0 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	CERTIFICATE UNKNOWN, AGE 24, 865 TOTAL HOURS, UNK/NR IN TYPE, INSTRU- MENT RATED.
CLASSIFIED AS INCIDENT DEPARTURE POINT INTENDED DESTINATION HOUSTON,TX DALLAS,TX TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT NORMAL CRUISE						
PROBABLE CAUSE(S) POWERPLANT - FUEL SYSTEM RAM AIR ASSEMBLY MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE POWERPLANT - EXHAUST SYSTEM EXTERNAL SUPERCHARGER POWERPLANT - MISCELLANEOUS FOREIGN OBJECT DAMAGE COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- ALTN AID DOOR FAILED,DMGD TURBOCHARGER.PLT LNDD ON HIWAY.						
5-0052	7/24/79	DETROIT,MI TIME - 1515	CESSNA 310L N3074T DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	ATP,FLIGHT INSTR., AGE 61, 26206 TOTAL HOURS, 508 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - DETROIT CITY DEPARTURE POINT INTENDED DESTINATION DETROIT,MI BOWLING GREEN,KY TYPE OF ACCIDENT PHASE OF OPERATION PROPELLER/ROTOR FAILURE PROPELLER TAKEOFF RUN						
PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE INSPECTION OF AIRCRAFT (MAINTENANCE PERSONNEL) POWERPLANT - PROPELLER AND ACCESSORIES HUBS MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE REMARKS- MAINT PERS NOTED RED GREASE FM PROP,BUT DID NOT KNOW RED DYE ADDED TO OIL TO DETECT CRACKS.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
5-0053	12/10/79 TIME - 1400	ALBUQUERQUE,NM	CESSNA 402A N45140 DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	AIRLINE TRANSPORT, AGE 24, 2519 TOTAL HOURS, 284 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - ALBUQUERQUE INTL DEPARTURE POINT INTENDED DESTINATION SANTA FE,NM ALBUQUERQUE,NM TYPE OF ACCIDENT PHASE OF OPERATION GEAR RETRACTED LANDING ROLL PROBABLE CAUSE(S) AIRFRAME - LANDING GEAR GEAR LOCKING MECHANISM MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE REMARKS- WING RIB,PN 0822175-65,CRACKED AT MN GEAR SIDE BRACE ATCHMNT,PUSH-PULL TUBE,PN 0840125-15,BENT.						
5-0054	9/25/79 TIME - 2110	MORRISTOWN,NJ	PIPER PA-31 N7697L DAMAGE-MINOR	CR- 0 0 2 PX- 0 0 6	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	AIRLINE TRANSPORT, AGE 40, 11500 TOTAL HOURS, 120 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT DEPARTURE POINT INTENDED DESTINATION WASHINGTON,DC MORRISTOWN,NJ TYPE OF ACCIDENT PHASE OF OPERATION MISCELLANEOUS IN FLIGHT DESCENDING PROBABLE CAUSE(S) AIRFRAME - FUSELAGE DOORS,DOOR FRAMES MISCELLANEOUS ACTS,CONDITIONS - EXCESSIVE-WEAR/PLAY REMARKS- PAX DOOR OPENED DRG FLT.FOUND WORN HINGE.LARGE PAX WAS SEATED NEXT TO DOOR.						
5-0055	9/5/79 TIME - 1830	VAN WERT,OH	CESSNA 206 N756DF DAMAGE-NONE	CR- 0 0 2 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 31, 1967 TOTAL HOURS, 150 IN TYPE, INSTRUMENT RATED.
CLASSIFIED AS INCIDENT NAME OF AIRPORT - VAN WERT DEPARTURE POINT INTENDED DESTINATION CHICAGO,IL LIMA,OH TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT NORMAL CRUISE PROBABLE CAUSE(S) POWERPLANT - ENGINE STRUCTURE CRANKCASE MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- CRANKSHAFT FAILED IN 2 PLACES.EVIDENCE OF FATIGUE IN BOTH FRACTURES.PLT LNDD SAFELY ON HIWAY.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
5-0056	7/26/79 TIME - 0200	JAMAICA,NY	SHORTS SH-7 N28TC DAMAGE-MINOR	CR- 0 0 2 PX- 0 0 0	COMMERCIAL SCHED CARGO SRV	CERTIFICATE UNKNOWN, AGE UNK/NR, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, UNK/NR INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT</p> <p>NAME OF AIRPORT - KENNEDY INTL</p> <p>DEPARTURE POINT INTENDED DESTINATION</p> <p>UNKNOWN/NOT REPORTED JAMAICA,NY</p> <p>TYPE OF ACCIDENT PHASE OF OPERATION</p> <p>PROPELLER/JET/ROTOR BLAST STATIC PARKED-ENGINES NOT OPERATING</p> <p>PROBABLE CAUSE(S)</p> <p>PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT</p> <p>MISCELLANEOUS - PROP/JET/ROTOR BLAST</p> <p>REMARKS- ACFT BLOWN OVER ON NOSE,R WING BY TAXIING BOEING 707.CREW HAD LEFT AIRCRAFT.</p>						
5-0057	9/19/79 TIME - 1730	NR.BRIGHTON,CO	ENSTR0M 280-C N598H DAMAGE-NONE	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	ATP,FLIGHT INSTR., AGE 34, 8970 TOTAL HOURS, 130 IN TYPE, NOT INSTRUMENT RATED.
<p>CLASSIFIED AS INCIDENT</p> <p>DEPARTURE POINT INTENDED DESTINATION</p> <p>BRIGHTON,CO LOCAL</p> <p>TYPE OF ACCIDENT PHASE OF OPERATION</p> <p>PROPELLER/ROTOR FAILURE TAIL ROTOR IN FLIGHT NORMAL CRUISE</p> <p>PROBABLE CAUSE(S)</p> <p>ROTORCRAFT - FLIGHT CONTROL SYSTEMS TAIL ROTOR PITCH CONTROL SYSTEM</p> <p>MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE</p> <p>FACTOR(S)</p> <p>MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT</p> <p>REMARKS- TWO STUDS SEPARATED FM PITCH LINK RETAINER ASSEMBLY ALLOWING FREE MOVEMENT OF ONE 1/R BLADE.</p>						

FOREIGN REGISTERED AIRCRAFT BRIEFS

NATIONAL TRANSPORTATION SAFETY BOARD

WASHINGTON, D. C. 20594

BRIEFS OF ACCIDENTS/INCIDENTS

FOREIGN REGISTERED AIRCRAFT

SUPPLEMENTAL ISSUE

1979

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
C-0001	4/6/79 TIME - 1820	MIAMI, FL	BOEING 707 N433MA DAMAGE-MINOR	CR- 0 0 8 PX- 0 0190	NS/CTR REVENUE PASSG INTL	AIRLINE TRANSPORT, AGE 43, 4200 TOTAL HOURS, 1575 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - MIAMI INTL OPERATOR - OTHER-FOREIGN FLAG CARRIER DEPARTURE POINT INTENDED DESTINATION MIAMI, FL KINGSTON, JAMAICA TYPE OF ACCIDENT PHASE OF OPERATION GEAR COLLAPSED TAXI TO TAKEOFF PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL) AIRFRAME - LANDING GEAR MAIN GEAR-SHOCK ABSORBING ASSY, STRUTS, ATTACHMENTS, ETC. MISCELLANEOUS ACTS, CONDITIONS - FATIGUE FRACTURE REMARKS- OPERATED BY FOREIGN CHARTER CARRIER. LMG TRUCK BEAM FAILED.						
C-0002	7/21/79 TIME - 1408	JAMAICA, NY	CONCORDE TYPE 1 F-BFVD DAMAGE-MINOR	CR- 0 0 9 PX- 0 0 19	SCHED INTERNATL PASSG SRV	CERTIFICATE UNKNOWN, AGE UNK/NR, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, UNK/NR INSTRUMENT RATED.
OPERATOR - AIR FRANCE DEPARTURE POINT INTENDED DESTINATION WASHINGTON, DC PARIS, FRANCE TYPE OF ACCIDENT PHASE OF OPERATION AIRFRAME FAILURE ON GROUND TAKEOFF RUN ENGINE FAILURE OR MALFUNCTION IN FLIGHT CLIMB TO CRUISE PROBABLE CAUSE(S) AIRFRAME - LANDING GEAR WHEELS, TIRES, AXLES MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE POWERPLANT - MISCELLANEOUS FOREIGN OBJECT DAMAGE PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE REMARKS- LEFT MLG TIRE FAILED ON TKOF FOR UNDET RSNS. SCRAP INJECTED INTO #2 ENG. CMPLT STALL AT FL270.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
D-0001	11/11/79 NR. TIME - 2138	LUXEMBURG, GERMANY	DOUGLAS DC-10 XA-DUH DAMAGE-MINOR	CR- 0 0 16 PX- 0 0295	SCHED INTERNATL PASSG SRV	AIRLINE TRANSPORT, AGE 52, 18824 TOTAL HOURS, 2796 IN TYPE, INSTRUMENT RATED.
<p>OPERATOR - AERONAVES</p> <p>DEPARTURE POINT INTENDED DESTINATION</p> <p>FRANKFURT, GERMANY MIAMI, FL</p> <p>TYPE OF ACCIDENT</p> <p>STALL MUSH PHASE OF OPERATION</p> <p>AIRFRAME FAILURE IN FLIGHT IN FLIGHT CLIMB TO CRUISE</p> <p>IN FLIGHT CLIMB TO CRUISE</p> <p>PROBABLE CAUSE(S)</p> <p>PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC.</p> <p>PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED</p> <p>MISCELLANEOUS ACTS, CONDITIONS - INSTRUMENTS-MISREAD OR FAILED TO READ</p> <p>FACTOR(S)</p> <p>AIRFRAME - FLIGHT CONTROL SURFACES ELEVATOR ASSEMBLY, ATTACHMENTS</p> <p>MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE</p> <p>MISCELLANEOUS ACTS, CONDITIONS - SEPARATION IN FLIGHT</p> <p>REMARKS- FLIGHTCREW FAILED TO FOLLOW STD CLIM PROCES, MONIER FLT INST. OUTBOARD ELEV TIPS SEPD.</p>						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
E-0001	3/3/79 TIME - 1907	CHARLOTTESVILLE, VA	BEECH K35 C-FLUT DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 66, 1810 TOTAL HOURS, 1200 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT TORONTO, ONT, CANADA	INTENDED DESTINATION RALEIGH, NC	LAST ENROUTE STOP BUFFALO, NY		
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	CONTROLLED	PHASE OF OPERATION LANDING INITIAL APPROACH		
PROBABLE CAUSE(S)						
PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING						
PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL						
PILOT IN COMMAND - BECAME LOST/DISORIENTED						
FACTOR(S)						
WEATHER - LOW CEILING						
WEATHER - OBSTRUCTIONS TO VISION						
TERRAIN - HIGH OBSTRUCTIONS						
MISCELLANEOUS ACTS, CONDITIONS - PILOT FATIGUE						
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, IN PERSON						
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT						
EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT						
LOW ON FUEL						
SUSPECTED MECHANICAL DISCREPANCY						
		SKY CONDITION OVERCAST	CEILING AT ACCIDENT SITE 2000			
		VISIBILITY AT ACCIDENT SITE 3 MILES OR LESS	PRECIPITATION AT ACCIDENT SITE NONE			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE HAZE	TEMPERATURE-F 46			
		WIND DIRECTION-DEGREES 120	WIND VELOCITY-KNOTS 5			
		TYPE OF WEATHER CONDITIONS VFR	TYPE OF FLIGHT PLAN VFR			
FIRE AFTER IMPACT						
REMARKS- CONCERNED ABT FUEL QTY. SAID IFR RATED, GIVEN VECT TO ILS APCH COURSE. TURNED OUTBD, DESCENDED, HIT MTN						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
E-0002	5/5/79	NR.CHALLIS,ID	CESSNA 172N	CR- 1 1 0	INSTRUCTIONAL	COMMERCIAL, FL.INSTR.,
	TIME - UNK/NR		C-GYVP	PX- 1 0 1	DUAL	AGE 36, 5439 TOTAL HOURS,
			DAMAGE-SUBSTANTIAL			UNK/NR IN TYPE, NOT
						INSTRUMENT RATED.
	DEPARTURE POINT	INTENDED DESTINATION				
	LIVINGSTON,MT	BOISE,ID				
	TYPE OF ACCIDENT			PHASE OF OPERATION		
	COLLIDED WITH TREES			LANDING LEVEL OFF/TOUCHDOWN		
	PROBABLE CAUSE(S)					
	PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING					
	MISCELLANEOUS ACTS,CONDITIONS - FLEW INTO BLIND CANYON					
	FACTOR(S)					
	TERRAIN - HIGH OBSTRUCTIONS					
	WEATHER - DOWNDRAFT,UPDRAFTS					
	WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, IN PERSON					
	WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT					
	MISSING AIRCRAFT - LATER RECOVERED					
	SKY CONDITION			CEILING AT ACCIDENT SITE		
	UNKNOWN/NOT REPORTED			15000		
	VISIBILITY AT ACCIDENT SITE			PRECIPITATION AT ACCIDENT SITE		
	4 MILES OR LESS			NONE		
	OBSTRUCTIONS TO VISION AT ACCIDENT SITE			TYPE OF WEATHER CONDITIONS		
	NONE			VFR		
	TYPE OF FLIGHT PLAN					
	NONE					
	REMARKS- RECOVERY DATE 5/24/79.PLT DEVIATED FROM ROUTE ADVISED BY WX BRIEFER AT FSS.					
E-0003	3/15/79	NR.CEDAR KEY,FL	CESSNA 172	CR- 0 0 1	NONCOMMERCIAL	PRIVATE, AGE 18, 118
	TIME - 1400		CF-SZZ	PX- 0 0 0	PLEASURE/PERSONAL TRANSP	TOTAL HOURS, 76 IN TYPE,
			DAMAGE-SUBSTANTIAL			NOT INSTRUMENT RATED.
	NAME OF AIRPORT - CEDAR KEY					
	DEPARTURE POINT	INTENDED DESTINATION				
	OCALA,FL	CEDAR KEY,FL				
	TYPE OF ACCIDENT			PHASE OF OPERATION		
	ENGINE FAILURE OR MALFUNCTION			IN FLIGHT NORMAL CRUISE		
	COLLIDED WITH WIRES/POLES			LANDING FINAL APPROACH		
	PROBABLE CAUSE(S)					
	POWERPLANT - ENGINE STRUCTURE CYLINDER ASSEMBLY					
	MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE					
	EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND					
	REMARKS- #3 CYL SEPARATED FROM ENGINE CASE.					

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
E-0004	4/26/79	NR.HIGGINS,TX	CESSNA 188 XB-AVA DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS FERRY	COMMERCIAL, FL.INSTR., AGE 23, 241 TOTAL HOURS, 53 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT WICHITA,KS	INTENDED DESTINATION PAMPA,TX			
		TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE			
PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS						
FACTOR(S) WEATHER - LOW CEILING WEATHER - RAIN WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - UNKNOWN/NOT REPORTED						
		SKY CONDITION OVERCAST	CEILING AT ACCIDENT SITE 800			
		VISIBILITY AT ACCIDENT SITE 2 MILES OR LESS	PRECIPITATION AT ACCIDENT SITE RAIN SHOWERS			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE	WIND DIRECTION-DEGREES 225			
		WIND VELOCITY-KNOTS 15	TYPE OF WEATHER CONDITIONS IFR			
		TYPE OF FLIGHT PLAN NONE				
E-0005	2/19/79	PORTLAND,OR	PIPER PA-22 CF-KAT DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	CERTIFICATE OTHER, AGE 31, 90 TOTAL HOURS, 56 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - PORTLAND INTL				
		DEPARTURE POINT VICTORIA,BC,CANADA	INTENDED DESTINATION PORTLAND,OR			
		TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE GEAR COLLAPSED	PHASE OF OPERATION LANDING ROLL LANDING ROLL			
PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION AIRFRAME - LANDING GEAR NOSEWHEEL STEERING MISCELLANEOUS ACTS,CONDITIONS - DISCONNECTED						
FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - VIBRATION,EXCESSIVE MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE						
REMARKS- SHIMMY DAMPER DISCONNECTED AT ROD ENDS.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
E-0006	8/1/79 TIME - 1307	NR.DAFTER,MI	CESSNA 150E C-FXCC DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 32, 170 TOTAL HOURS, 74 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT SAULT ST.MARIE,CANAD	INTENDED DESTINATION WIARTON,CANADA			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH FENCE,FENCEPOSTS	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING ROLL			
PROBABLE CAUSE(S) POWERPLANT - ENGINE CONTROLS THROTTLE-POWER LEVER ASSEMBLIES MISCELLANEOUS ACTS,CONDITIONS - MISSING						
FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
REMARKS- THROTTLE DISCONNECTED FROM CARB.CARB CONTROL ARMBOLT,WASHER & NUT NOT FOUND.						
E-0007	7/24/79 TIME - 1658	RENO,NV	CESSNA 210A C-GWEC DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 4	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 49, 455 TOTAL HOURS, 308 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - RENO INTL DEPARTURE POINT KLAMATH FALLS,OR	INTENDED DESTINATION RENO,NV			
		TYPE OF ACCIDENT HARD LANDING NOSE OVER/DOWN	PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN LANDING ROLL			
PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER LEVEL OFF PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING						
FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE PERSONNEL - MISCELLANEOUS-PERSONNEL PASSENGER MISCELLANEOUS ACTS,CONDITIONS - INTERFERENCE WITH FLIGHT CONTROLS						
REMARKS- REAR SEAT PASSENGER PUSHED PILOT INTO CONTROLS. WIND GUSTING 22 KTS.						
E-0008	8/8/79 TIME - 1830	ATLANTA,GA	PIPER PA-23 C-GAKE DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 45, 385 TOTAL HOURS, 60 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - DEKALB PEACHTREE DEPARTURE POINT SANFORD,FL	INTENDED DESTINATION ATLANTA,GA			
		TYPE OF ACCIDENT OVERSHOOT COLLIDED WITH TREES	PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN LANDING ROLL			
PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND						
FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
E-0009	6/6/79 TIME - 0417	CHARLESTON, WV	DOUGLAS DC-6B AN-BFN DAMAGE-DESTROYED	CR- 0 3 0 PX- 0 0 0	MISCELLANEOUS OTHER	CERTIFICATE UNKNOWN, AGE UNK/NR, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, UNK/NR INSTRUMENT RATED.
NAME OF AIRPORT - KANAWHA DEPARTURE POINT UNKNOWN/NOT REPORTED INTENDED DESTINATION CHARLESTON, WV TYPE OF ACCIDENT OVERSHOOT COLLIDED WITH OBJECT PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN LANDING ROLL PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - RAN OFF END OF RUNWAY FIRE AFTER IMPACT REMARKS- CREW NOT TYPE-RATED IN ACFT. APRX 20,000 LBS MARIJUANA ONBOARD.						
E-0010	8/27/79 TIME - 1900	MAPLE FALLS, WA	PIPER PA-32 CG-IMB DAMAGE-DESTROYED	CR- 1 0 0 PX- 4 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	CERTIFICATE OTHER, AGE 39, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT VANCOUVER, BC, CAN INTENDED DESTINATION CASTLEGAR, BC, CAN TYPE OF ACCIDENT COLLISION WITH GROUND/WATER CONTROLLED PHASE OF OPERATION IN FLIGHT NORMAL CRUISE PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS FACTOR(S) WEATHER - LOW CEILING TERRAIN - HIGH OBSTRUCTIONS WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT MISSING AIRCRAFT - LATER RECOVERED SKY CONDITION BROKEN VISIBILITY AT ACCIDENT SITE ZERO OBSTRUCTIONS TO VISION AT ACCIDENT SITE HAZE TYPE OF WEATHER CONDITIONS VFR FIRE AFTER IMPACT REMARKS- RECOVERY DATE 8/28/79.						
CEILING AT ACCIDENT SITE 3000 PRECIPITATION AT ACCIDENT SITE NONE TEMPERATURE-F 61 TYPE OF FLIGHT PLAN NONE						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
E-0011	9/20/79 TIME - 1507	NR.SULA,MT	CESSNA 150 CG-CMZ DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	CERTIFICATE OTHER, AGE 43, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT CALGARY,ALBERTA,CAN	INTENDED DESTINATION SUN VALLEY,ID	LAST ENROUTE STOP MISSOULA,MT		
		TYPE OF ACCIDENT STALL		PHASE OF OPERATION IN FLIGHT OTHER		
PROBABLE CAUSE(S)						
PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING						
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED						
MISCELLANEOUS ACTS,CONDITIONS - FLEW INTO BLIND CANYON						
FACTOR(S)						
TERRAIN - HIGH OBSTRUCTIONS						
MISSING AIRCRAFT - LATER RECOVERED						
REMARKS- LOST CTL DURING TURN AROUND. RECOVERY DATE 9/28/79.						
E-0012	10/14/79 TIME - 1319	HUTCHINSON,KS	BEECH 100 YV125CP DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 2	INSTRUCTIONAL DUAL	ATP,FLIGHT INSTR., AGE 50, 3180 TOTAL HOURS, 41 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - HUTCHISON MUNI.				
		DEPARTURE POINT HUTCHINSON,KS	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT WHEELS-UP		PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN		
PROBABLE CAUSE(S)						
DUAL STUDENT - FAILED TO EXTEND LANDING GEAR						
PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
E-0013	11/7/79 TIME - 1550	NIRON MOUNTAIN,MI	CESSNA 150D CG-CDR DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS FERRY	CERTIFICATE OTHER, AGE 20, 241 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - GOGEBIC COUNTY DEPARTURE POINT INTENDED DESTINATION DULUTH,MN NIRON MOUNTAIN,MI TYPE OF ACCIDENT PHASE OF OPERATION OVERSHOOT LANDING LEVEL OFF/TOUCHDOWN COLLIDED WITH DITCHES LANDING ROLL PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED FACTOR(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS WEATHER - LOW CEILING MISCELLANEOUS ACTS,CONDITIONS - NOT ALIGNED WITH RUNWAY/INTENDED LANDING AREA MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED WEATHER FORECAST - UNKNOWN/NOT REPORTED EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT ADVERSE/UNFAVORABLE WEATHER SKY CONDITION CEILING AT ACCIDENT SITE SCATTERED 600 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 3/4 MILE OR LESS SNOW OBSTRUCTIONS TO VISION AT ACCIDENT SITE RELATIVE BEARING OF WIND UNKNOWN/NOT REPORTED TAIL WIND 158-202 DEGREES TEMPERATURE-F WIND DIRECTION-DEGREES 31 170 WIND VELOCITY-KNOTS TYPE OF WEATHER CONDITIONS 10 IFR TYPE OF FLIGHT PLAN OTHER REMARKS- FLT PLN FLD,NOT ACTVD. CANADIAN COM CERT, NO INST RTG. PLT LND ON TAXIWAY DWNWD.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
E-0014	5/22/79	NR.YREKA,CA	PIPER PA-28	CR- 1 0 0	NONCOMMERCIAL	PRIVATE, AGE 25, 816
	TIME - 1815		C-GXJZ	PX- 3 0 0	PLEASURE/PERSONAL TRANSP	TOTAL HOURS, 768 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT		DAMAGE-DESTROYED			
	SALEM,OR		INTENDED DESTINATION			
	TYPE OF ACCIDENT		SANTA ROSA, CA			
	COLLISION WITH GROUND/WATER	UNCONTROLLED			PHASE OF OPERATION	
					IN FLIGHT UNCONTROLLED DESCENT	
	PROBABLE CAUSE(S)					
	PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS					
	PILOT IN COMMAND - SPATIAL DISORIENTATION					
	FACTOR(S)					
	WEATHER - LOW CEILING					
	WEATHER BRIEFING - BRIEFED BY WEATHER BUREAU PERSONEL, BY PHONE					
	WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT					
	MISSING AIRCRAFT - LATER RECOVERED					
	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				UNKNOWN/NOT REPORTED	
	TYPE OF FLIGHT PLAN					
	NONE					
	FIRE AFTER IMPACT					
	REMARKS- WX-VMC IN VALLEYS,BRKN TO OVRCAST ABV 5000FT.CRASHED AT 4800FT IN STEEP DIVE.RECOVERY DATE 9/23/79.					
E-0015	10/15/79	NR.NEWPORT,VT	PIPER PA-28	CR- 0 0 1	NONCOMMERCIAL	COMMERCIAL, AGE 24, 1300
	TIME - 1400		CGQXR	PX- 0 0 2	PLEASURE/PERSONAL TRANSP	TOTAL HOURS, 100 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT		DAMAGE-SUBSTANTIAL			
	ST HUBERT,QUEBEC		INTENDED DESTINATION			
	TYPE OF ACCIDENT		SHERBROOK,QUEBEC			
	STALL				PHASE OF OPERATION	
					IN FLIGHT CLIMB TO CRUISE	
	PROBABLE CAUSE(S)					
	PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS					
	PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED					
	FACTOR(S)					
	WEATHER - LOW CEILING					
	WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED					
	WEATHER FORECAST - UNKNOWN/NOT REPORTED					
	SKY CONDITION				CEILING AT ACCIDENT SITE	
	UNKNOWN/NOT REPORTED				1200	
	VISIBILITY AT ACCIDENT SITE				PRECIPITATION AT ACCIDENT SITE	
	5 OR OVER(UNLIMITED)				RAIN	
	OBSTRUCTIONS TO VISION AT ACCIDENT SITE				TYPE OF WEATHER CONDITIONS	
	FOG				IFR	
	TYPE OF FLIGHT PLAN					
	NONE					
	REMARKS- ENCOUNTERED UNFORECASTED WX CONDS.					

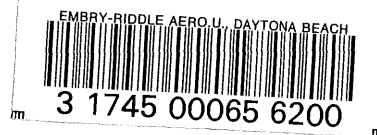
BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
E-0016	11/25/79 TIME - 1110	NEW CASTLE, PA	LAKE LA4200 C-GLOV DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS OTHER	CERTIFICATE UNKNOWN, AGE UNK/NR, 91 TOTAL HOURS, UNK/NR IN TYPE, UNK/NR INSTRUMENT RATED.
NAME OF AIRPORT - NEW CASTLE DEPARTURE POINT INTENDED DESTINATION UNKNOWN/NOT REPORTED UNKNOWN/NOT REPORTED TYPE OF ACCIDENT UNDERSHOOT GEAR COLLAPSED PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - STOLEN OR UNAUTHORIZED USE OF AIRCRAFT WEATHER - LOW CEILING WEATHER - FOG MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE SKY CONDITION BROKEN VISIBILITY AT ACCIDENT SITE 4 MILES OR LESS OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG WIND DIRECTION-DEGREES 310 TYPE OF WEATHER CONDITIONS VFR REMARKS- STOLEN AIRCRAFT. INJURY INDEX PRESUMED.						
PHASE OF OPERATION LANDING FINAL APPROACH LANDING LEVEL OFF/TOUCHDOWN						
CEILING AT ACCIDENT SITE 600 PRECIPITATION AT ACCIDENT SITE NONE TEMPERATURE-F 41 WIND VELOCITY-KNOTS 7 TYPE OF FLIGHT PLAN NONE						
E-0017	11/22/79 TIME - 1030	DOUGLAS, AZ	LEAR 35 XA-ELU DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 2	INSTRUCTIONAL DUAL	COMMERCIAL, AGE 37, 5091 TOTAL HOURS, 632 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - BISBEE-DOUGLAS DEPARTURE POINT INTENDED DESTINATION TUSCON, AZ DOUGLAS, AZ TYPE OF ACCIDENT HARD LANDING PROBABLE CAUSE(S) DUAL STUDENT - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT REMARKS- STUDENT ADVANCED ONE THROTTLE DURING LANDING.						
PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
E-0018	9/20/79	NR.SALINA,UT	BELL 214B1	CR- 0 0 3	COMMERCIAL	COMMERCIAL, AGE 24, 1650
	TIME - 1115		CGBHH	PX- 0 0 0	CONSTRUCTION	TOTAL HOURS, 450 IN TYPE,
			DAMAGE-SUBSTANTIAL			NOT INSTRUMENT RATED.
		DEPARTURE POINT	INTENDED DESTINATION			
		SALINA,UT	LOCAL			
		TYPE OF ACCIDENT			PHASE OF OPERATION	
		ENGINE FAILURE OR MALFUNCTION			TAKEOFF ABORTED	
		ROLL OVER			TAKEOFF ABORTED	
		PROBABLE CAUSE(S)				
		ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM	FREE WHEEL UNIT			
		MISCELLANEOUS ACTS,CONDITIONS - BRITTLE				
		FACTOR(S)				
		PERSONNEL - PRODUCTION-DESIGN-PERSONNEL	OTHER			
		EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND				
		REMARKS- FREE-WHEELING CLUTCH ASSEMBLY FAILED.ALERT S/B 214-80-13	REQUIRES STRONGER CLUTCH ASSY REPLACEMENT			

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