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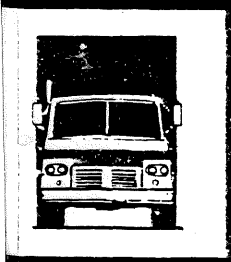
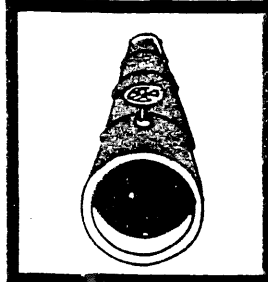
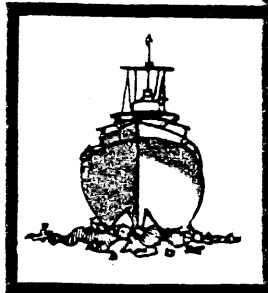
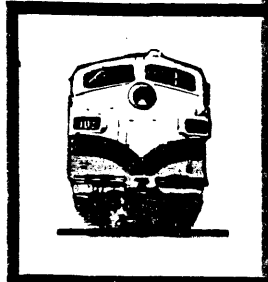
## BRIEFS OF ACCIDENTS INVOLVING ROTORCRAFT

U. S. GENERAL AVIATION  
1976

REPORT NUMBER: NTSB-AMM-78-4

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UNITED STATES GOVERNMENT



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16. Abstract  This publication contains reports of U.S. general aviation rotorcraft accidents occurring in 1976. Included are 275 accident Briefs, 33 of which involve fatal accidents. The brief format presents the facts, conditions, circumstances, and probable cause(s) for each accident. Additional statistical information is tabulated by type of accident, phase of operation, injury index, aircraft damage, kind of flying, pilot certificates, injuries, and causes and related factors. This publication will be published annually.					
17. Key Words Aviation accidents, <u>rotorcraft</u> , U.S. general aviation, probable cause(s)/factor(s), type of accident, phase of operation, kind of flying, aircraft damage, injuries, pilot data. <i>helicopter</i>				18. Distribution Statement This document is available to the public through the National Technical Information Service, Springfield, Virginia 22151	
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## FOREWORD

This publication contains reports of U.S. General Aviation rotorcraft accidents in Brief format arranged in order by state and date of occurrence. It also lists these accidents in order by file number and in order by aircraft make and model. In addition, this publication includes several statistical tables which tabulate and summarize selected accident information, such as type of accident, phase of operation, kind of flying, injuries, causes and related factors, pilot certificates, accident rates for selected makes and models and a ten year tabulation of rotorcraft accidents.

The following chart compares the accident rates for total U.S. General Aviation with U.S. General Aviation rotorcraft accidents:

	Hours Flown 1/	Total Accidents	Total Accident Rate 2/	Fatal Accidents	Fatal Accident Rate 2/
Total - U.S. General Aviation	36,127,631	4,193	11.60	695	1.92
U.S. General Aviation Accidents Involving Rotorcraft	1,546,275	275	17.80	33	2.13

1/ Source: Federal Aviation Administration. This exposure data is reported yearly to the FAA by the Aircraft owners on AC Form 8050-73.

2/ The accident rates are per 100,000 hours flown.

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

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

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

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

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

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## EXPLANATORY NOTES

### U.S. GENERAL AVIATION

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

### U.S. AIR CARRIER

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

### DEFINITIONS

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

#### Aircraft Accident

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

#### Fatal Injury

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

#### Serious Injury

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

#### Substantial Damage

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

INJURIES, ACCIDENTS  
U.S. GENERAL AVIATION  
ROTORCRAFT

1975

	INJURIES					TOTAL
	FATAL	SERIOUS	MINOR	NONE	UNKNOWN	
PILOT	22	26	46	215		309
COPILOT	1		2	3		6
DUAL STUDENT		3	2	19		24
CHECK PILOT			1			1
FLIGHT ENGINEER						
NAVIGATOR						
CABIN ATTENDANT						
EXTRA CREW	1	3	3	2		9
PASSENGERS	24	19	43	161		247
TOTAL	48	51	97	400	ABOARD	596
* OTHER AIRCRAFT	2					2
OTHER GROUND			1			1
GRAND TOTAL	50	51	98	400		599
INVOLVES	309	TOTAL ACCIDENTS				
INVOLVES	26	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.



## 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

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
NT-	OTHER AIRCRAFT AND GROUND
PARAJUMP	PARACHUTE JUMP
PRIVATE, FL. INST R.	PRIVATE FLIGHT INSTRUCTOR
PX-	PASSENGERS
RADAR CTL/SURVEILLANCE	RADAR CONTROL/SURVEILLANCE
SCHED CARGO SRV	SCHEDULED CARGO SERVICE
SCHED DOM PASSG SRV	SCHEDULED DOMESTIC CARGO SERVICE
SCHED DOM CARGO SRV	SCHEDULED DOMESTIC PASSENGER SERVICE
SCHED INTERNATL CARGO SRV	SCHEDULED INTERNATIONAL CARGO SERVICE
SCHED INTERNATL PASSG SRV	SCHEDULED INTERNATIONAL PASSENGER SERVICE
SCHED PASSG SRV	SCHEDULED PASSENGER SERVICE
S-D	SCHEDULED DOMESTIC
S-I	SCHEDULED INTERNATIONAL
UNK/NR	UNKNOWN/NOT REPORTED



Rotorcraft Accidents  
U.S. General Aviation  
1967 - 1976

Year	Hours Flown 1/	Total Accidents	Total Accident Rate 2/	Fatal Accidents	Fatal Accidents Rate 2/	Fatalities
1967	538,000	264	49.1	32	5.95	53
1968	616,967	250	40.5	35	5.67	46
1969	778,424	273	35.1	33	4.24	52
1970	866,828	264	30.5	22	2.54	32
1971	891,000	245	27.5	26	2.92	35
1972	1,043,900	245	23.5	36	3.45	66
1973	1,157,900	278	24.0	28	2.42	43
1974	1,431,600	285	19.9	47	3.28	72
1975	1,546,500	309	20.0	26	1.68	50
1976	1,546,275	275	17.8	33	2.13	64

1/ Source: Federal Aviation Administration.

2/ The accident rates are per 100,000 hours flown.

ACCIDENTS, INJURIES  
U.S. GENERAL AVIATION  
ROTORCRAFT  
1976

INJURIES

	FATAL	SERIOUS	MINOR	NONE	UNKNOWN	TOTAL
PILOT	24	41	39	171		275
COPILOT	1		1	2		4
DUAL STUDENT		1	3	16		20
CHECK PILOT				4		4
FLIGHT ENGINEER				1		1
NAVIGATOR						
CABIN ATTENDANT						
EXTRA CREW	2		2	5		9
PASSENGERS	37	36	51	90		214
<b>TOTAL</b>	<b>64</b>	<b>78</b>	<b>96</b>	<b>289</b>	<b>ABOARD</b>	<b>527</b>
OTHER AIRCRAFT						
OTHER GROUND						
<b>GRAND TOTAL</b>	<b>64</b>	<b>78</b>	<b>96</b>	<b>289</b>		<b>527</b>

INVOLVES 275 TOTAL ACCIDENTS  
INVOLVES 33 FATAL ACCIDENTS

ANALYTIC TABLE

KIND OF FLYING BY PILOT CERTIFICATE

PILOT CERTIFICATE

<u>KIND OF FLYING</u>	<u>PILOT CERTIFICATE</u>								<u>RECORDS</u>	<u>ACCIDENTS</u>	<u>PERCENT</u>	
	<u>STUDENT</u>	<u>PRIVATE</u>	<u>COMMERCIAL</u>	<u>ATR</u>	<u>PRIVATE/ FL INSTR.</u>	<u>COMMERCIAL/ FL INSTR.</u>	<u>ATR/ FL INSTR.</u>	<u>OTHER</u>				<u>NONE</u>
<u>INSTRUCTIONAL</u>												
DUAL			2		14	4				22	22	8.00
SOLO						1				1	1	.36
CHECK			3			1				4	4	1.45
TRAINING	1		1							2	2	.73
<u>NONCOMMERCIAL</u>												
PLEASURE	3	16	15	1		9			1	45	45	16.36
PRACTICE	3	3	4			1				15	15	5.45
BUSINESS	2	3	6			2	1			14	14	5.09
CORPORATE/EXECUTIVE			4			1	1			6	6	2.18
AERIAL SURVEY			1							1	1	.36
COMPANY FLIGHT												
OTHER												
<u>COMMERCIAL</u>												
AERIAL APPLICATION		1	29		12	1				43	43	15.64
CROP CONTROL RELATED FLIGHT			11		9					20	20	7.27
FIRE CONTROL												
FIRE CONTROL RELATED FLIGHT			1							1	1	.36
AERIAL MAPPING/PHOTOGRAPHY		1	4		1					6	6	2.18
AERIAL ADVERTISING												
POWER AND PIPELINE PATROL			2		1					3	3	1.09
FISH SPOTTING												
AIR TAXI-PASSENGER OPERATIONS			24		4	1				29	29	10.55
AIR TAXI-CARGO OPERATIONS												
CONSTRUCTION WORK			6	1	2					9	9	3.27
SCHEDULED PASSENGER SERVICE												
SCHEDULED CARGO SERVICE			1							1	1	.36
INTRA-STATE CHARTER PASSG.												
INTRA-STATE CHARTER CARGO												
MILITARY CONTRACT-PASSENGER												
MILITARY CONTRACT-CARGO												
CHARTER CARGO-DOMESTIC				1						1	1	.36
CHARTER PASSG-DOMESTIC			5	2	1					8	8	2.91
CHARTER-CARGO-INTERNATIONAL												
CHARTER-PASSG-INTERNATIONAL												
OTHER			9	1	2					12	12	4.36
UNKNOWN/NOT REPORTED												

ANALYTIC TABLE  
KIND OF FLYING BY PILOT CERTIFICATE

KIND OF FLYING	PILOT CERTIFICATE										RECORDS	ACCIDENTS	PERCENT
	STUDENT	PRIVATE	COMMERCIAL	ATR	PRIVATE/ FL. INSTR.	COMMERCIAL/ FL. INSTR.	ATR/ FL. INSTR.	OTHER	NONE	UNKNOWN/ NOT REPORTED			
<u>MISCELLANEOUS</u>													
EXPERIMENTATION											7	7	2.55
TEST	2	4								1	7	7	2.55
DEMONSTRATION					2						2	2	.73
FERRY	1	8	1		1						11	11	4.00
SEARCH AND RESCUE					1						1	1	.36
AIR SHOW/AIR RACING													
PARACHUTE JUMP													
PARACHUTE JUMP-AIR SHOW													
TOWING GLIDERS													
SEEDING CLOUDS													
HUNTING			1			1					2	2	.73
POLICE PATROL			1		1						2	2	.73
HIGHWAY TRAFFIC ADVISORY													
ALL OTHER PUBLIC FLYING			5		1	1					7	7	2.55
OTHER													
UNKNOWN/NOT REPORTED													
RECORDS	9	27	151	7	65	14		1	1		275		
ACCIDENTS	9	27	151	7	65	14		1	1			275	
PERCENTS	3.3	9.8	54.9	2.5	23.6	5.1		.0	.4	.4			



## ANALYTIC TABLE

### FIRST TYPE OF ACCIDENT BY AIRCRAFT DAMAGE

<u>FIRST TYPE OF ACCIDENT</u>	<u>AIRCRAFT DAMAGE</u>		<u>RECORDS</u>	<u>ACCIDENTS</u>	<u>PERCENT</u>
	<u>DESTROYED</u>	<u>SUBSTANTIAL MINOR NONE</u>			
GROUND-WATER LOOP-SWERVE	1		1	1	.36
DROGGED WINGTIP POD OR FLOAT					
WHEELS-UP LANDING					
WHEELS-DOWN LANDING IN WATER					
GEAR COLLAPSED					
GEAR RETRACTED					
HARD LANDING	4	22	26	26	9.45
NOSE OVER/DOWN	2		2	2	.73
ROLL OVER	8	20	28	28	10.18
OVERSHOOT					
UNDERSHOOT					
<u>COLLISION BETWEEN AIRCRAFT</u>					
BOTH IN FLIGHT					
ONE AIRBORNE					
BOTH ON GROUND					
<u>COLLISION WITH GROUND/WATER</u>					
CONTROLLED	3	10	13	13	4.73
UNCONTROLLED	8	12	20	20	7.27
<u>COLLIDED WITH</u>					
WIRES/POLES	16	15	31	31	11.27
TREES	3	3	6	6	2.18
RESIDENCE/S					
BUILDING/S					
FENCE, FENCEPOSTS					
ELECTRONIC TOWERS					
RUNWAY OR APPROACH LIGHTS					
AIRPORT HAZARD					
ANIMALS					
CROP	1	2	3	3	1.09
FLAGMAN LOADER					
DITCHES					
SNOWBANK					
<u>PARKED AIRCRAFT (UNATTENDED)</u>					
<u>AUTOMOBILE</u>					
DIRT BANK					
OTHER	9	5	10	10	3.64
BIRD STRIKE		1	1	1	.36

ANALYTIC TABLE

FIRST TYPE OF ACCIDENT BY AIRCRAFT DAMAGE

FIRST TYPE OF ACCIDENT	AIRCRAFT DAMAGE				RECORDS	ACCIDENTS	PERCENT
	DESTROYED	SUBSTANTIAL	MINOR	NONE			
STALL							
SPIN							
SPIRAL							
MUSH		1			1	1	.36
<u>FIRE OR EXPLOSION</u>							
IN FLIGHT	1				1	1	.36
ON GROUND	1	1			2	2	.73
<u>AIRFRAME FAILURE</u>							
IN FLIGHT	4				4	4	1.45
ON GROUND		1			1	1	.36
ENGINE TEARAWAY							
ENGINE FAILURE OR MALFUNCTION	14	71			85	85	30.91
<u>PROPELLER/ROTOR FAILURE</u>							
PROPELLER							
TAIL ROTOR	9	16			25	25	9.09
MAIN ROTOR	5	6			11	11	4.00
PROP ROTOR ACNT TO PERSON							
JET INTAKE/EXH ACNT TO PERS							
PROPELLER/JET/ROTOR BLAST							
TURBULENCE							
HAIL DAMAGE TO AIRCRAFT							
LIGHTNING STRIKE							
EVASIVE MANEUVER							
UNCONTROLLED ALT DEVIATION							
DITCHING		1			1	1	.36
MISSING ACFT NOT RECOVERED							
MISCELLANEOUS/OTHER	1	2			3	3	1.09
UNDETERMINED.							
RECORDS	83	192			275		
ACCIDENTS	83	192				275	
PERCENTS	30.2	69.8	.0	.0			

# ANALYTIC TABLE

## FIRST PHASE OF OPERATION BY INJURY INDEX

<u>FIRST OPERATIONAL PHASE</u>	<u>INJURY INDEX</u>				<u>RECORDS</u>	<u>ACCIDENTS</u>	<u>PERCENT</u>
	<u>FATAL</u>	<u>SERIOUS</u>	<u>MINOR</u>	<u>NONE</u>			
<u>STATIC</u>							
STARTING ENGINE/S							
IDLING ENGINE/S							
ENGINE RUNUP		1			1	1	.36
IDLING ROTORS			2		2	2	.73
PARKED-ENGINES NOT OPERATING							
OTHER		1	1		2	2	.73
<u>TAXI</u>							
TO TAKEOFF							
FROM LANDING							
OTHER							
GROUND TAXI TO TAKEOFF			2		2	2	.73
GROUND TAXI FROM LANDING		1			1	1	.36
GROUND TAXI, OTHER							
AERIAL TAXI TO TAKEOFF	1	1	2		4	4	1.45
AERIAL TAXI TO/FROM LANDING							
AERIAL TAXI, OTHER	1	1			2	2	.73
<u>TAKEOFF</u>							
RUN							
INITIAL CLIMB	1	3	4	7	15	15	5.45
VERTICAL		2	7	13	22	22	8.00
RUNNING (ROTORCRAFT/VTOL-STOL)	1		2		3	3	1.09
ABORTED (FIXED-WING)							
ABORTED (ROTORCRAFT/VTOL)				1	1	1	.36
ABORTED (ROTORCRAFT/STOL)			1		1	1	.36
OTHER	1	1	1		3	3	1.09
<u>INFLIGHT</u>							
CLIMB TO CRUISE	1	1	2	2	6	6	2.18
NORMAL CRUISE	12	10	3	23	48	48	17.45
DESCENDING							
HOLDING (IFR)							
HOVERING	1	4	5	15	25	25	9.09
POWER-ON DESCENT (ROTORCRAFT)			2	1	3	3	1.09
AUTOROTATIVE DESCENT				2	2	2	.73
ACROBATICS							
BUZZING							
UNCONTROLLED DESCENT	1	3			4	4	1.45

# ANALYTIC TABLE

## FIRST PHASE OF OPERATION BY INJURY INDEX

FIRST OPERATIONAL PHASE	INJURY INDEX				RECORDS	ACCIDENTS	PERCENT
	FATAL	SERIOUS	MINOR	NONE			
EMERGENCY DESCENT							
LOW PASS	4	1	2	1	8	8	2.91
OTHER	4	3	3	2	12	12	4.36
EN ROUTE TO TREAT CRCP		1	1		2	2	.73
EN ROUTE TO RELOADING AREA				1	1	1	.36
SURVEY FIELD/AREA							
STARTING SWATH RUN		1		6	7	7	2.55
SWATH RUN			1	16	17	17	6.18
FLAREOUT FOR SWATH RUN			1	3	4	4	1.45
PULLUP FROM SWATH RUN		2	1	2	5	5	1.82
PROCEDURE TURNAROUND		1	1	8	10	10	3.64
CLEANUP SWATH							
MANEUVER TO AVOID OBSTRUCTION		1			1	1	.36
RETURN TO STRIP				2	2	2	.73
<u>LANDING</u>							
TRAFFIC PATTERN-CIRCLING	2	1	1	2	6	6	2.18
FINAL APPROACH (VFR)	1			7	8	8	2.91
INITIAL APPROACH							
FINAL APPROACH (IFR)							
LEVEL OFF/TOUCHDOWN				6	6	6	2.18
<u>ROLL (FIXED WING)</u>							
ROLL-ON/RUN-ON (ROTORCRAFT)				3	3	3	1.09
POWER-ON LANDING (ROTORCRAFT)	3	3	6	11	23	23	8.36
POWER-OFF AUTOROTATIVE LDG	1		1	10	12	12	4.36
GO-AROUND (VFR)				1	1	1	.36
MISSED APPROACH (IFR)							
OTHER							
UNKNOWN/NOT REPORTED							
RECORDS	33	40	50	152	275		
ACCIDENTS	33	40	50	152		275	
PERCENTS	12.0	14.5	18.2	55.3			

ANALYTIC TABLE  
AIRPORT PROXIMITY BY WEATHER CONDITION

WEATHER CONDITION

<u>AIRPORT PROXIMITY</u>	<u>WEATHER CONDITION</u>				<u>RECORDS</u>	<u>ACCIDENTS</u>	<u>PERCENT</u>
	<u>VFR</u>	<u>IFR</u>	<u>BELOW MINIMUMS</u>	<u>UNK./NOT REP.</u>			
ON AIRPORT	53		1		54	54	19.64
ON SEAPLANE BASE							
ON HELIPORT	8				8	8	2.91
ON BARGE/SHIP/PLATFORM	1				1	1	.36
IN TRAFFIC PATTERN	9		1		10	10	3.64
WITHIN 1/4 MILE	3				3	3	1.09
WITHIN 1/2 MILE	8				8	8	2.91
WITHIN 3/4 MILE							
WITHIN 1 MILE	1				1	1	.36
WITHIN 2 MILES	4				4	4	1.45
WITHIN 3 MILES	3				3	3	1.09
WITHIN 4 MILES	2				2	2	.73
WITHIN 5 MILES	2				2	2	.73
BEYOND 5 MILES	154	2	1	3	160	160	58.18
UNKNOWN/NOT REPORTED	19				19	19	6.91
OTHER							
RECORDS	267	2	2	4	275		
ACCIDENTS	267	2	2	4		275	
PERCENTS	97.1	.7	.7	1.5			

ANALYTIC TABLE  
 TYPE OF FLIGHT PLAN BY CONDITION OF LIGHT

TYPE OF FLIGHT PLAN	CONDITION OF LIGHT						RECORDS	ACCIDENTS	PERCENT
	DAWN	DAYLIGHT	DUSK (TWILIGHT)	NIGHT (DARK)	NIGHT (MOONLIGHT-BRIGHT)	UNK./NOT REP.			
NONE	6	229	8	8	4	1	256	256	93.09
VFR		15	1				16	16	5.82
IFR									
CONTROLLED VFR									
IFR (VFR CONDITIONS ON TOP)									
TOWER EN ROUTE CONTROL SERVICE									
OVFR									
VFR FLIGHT FOLLOWING SERVICE									
SPECIAL VFR				1			1	1	.36
OTHER		2					2	2	.73
UNKNOWN/NOT REPORTED									
RECORDS	6	244	9	9	4	1	275		
ACCIDENTS	6	246	9	9	4	1		275	
PERCENTS	2.2	89.5	3.3	3.3	1.5	.4			

ANALYTIC TABLE  
PILOT HOURS IN TYPE BY TYPE OF AIRCRAFT

TYPE OF AIRCRAFT

<u>PILOT HOURS IN TYPE</u>	<u>TYPE OF AIRCRAFT</u>		<u>RECORDS</u>	<u>ACCIDENTS</u>	<u>PERCENT</u>
	<u>HELICOPTER</u>	<u>RYNDOPTER</u>			
UNKNOWN/NOT REPORTED	5	3	8	8	2.91
LESS THAN 6 HOURS	4	1	5	5	1.82
6-10 HOURS	7	1	8	8	2.91
11-20 HOURS	12	2	14	14	5.09
21-50 HOURS	23	2	25	25	9.09
51-100 HOURS	32	3	35	35	12.73
101-500 HOURS	92	3	95	95	34.55
501-1000 HOURS	32		32	32	11.64
MORE THAN 1000 HOURS	53		53	53	19.27
RECORDS	260	15	275		
ACCIDENTS	260	15		275	
PERCENTS	94.5	5.5			

Accident Rates  
 Selected Helicopter Makes and Models 1/  
 U.S. General Aviation  
 1976

Helicopter Make/Model	Active Aircraft	Hours Flown <u>2/</u>	Total Accidents	Total Accident Rate <u>3/</u>	Fatal Accidents	Fatal Accident Rate <u>3/</u>
Bell 47	1,114	401,500	99	24.66	10	2.49
Bell 206	973	586,500	26	4.43	6	1.02
Enstrom F28,280	237	48,600	21	43.21	2	4.12
Hiller UH 12	444	101,700	32	31.47	1	0.98
Hughes 269	392	192,400	29	15.07	1	0.52
Hughes 369	247	115,400	16	13.86	2	1.73

- 1/ These six aircraft represent all helicopters with over 40,000 hours flown. They also account for 86% of the total number of helicopter accidents.
- 2/ Source: Federal Aviation Administration. This exposure data is reported yearly to the FAA by the aircraft owners on AC Form 8050-73.
- 3/ The accident rates per 100,000 hours flown.



CAUSE/FACTOR TABLE  
 U.S. GENERAL AVIATION ACCIDENTS  
 INVOLVING ROTORCRAFT  
 1976  
 (EXCLUDES ACCIDENTS WITH NO CAUSAL ASSIGNMENT)

INVOLVES 274 TOTAL ACCIDENTS  
 INVOLVES 33 FATAL ACCIDENTS

BROAD CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL*	CAUSE	FACTOR	TOTAL*	CAUSE	FACTOR	TOTAL*
PILOT	24 72.73	6 18.18	27 81.82	165 68.46	18 7.47	167 69.29	189 68.98	24 8.76	194 70.80
PERSONNEL	8 24.24	1 3.03	9 27.27	25 10.37	3 1.24	28 11.62	33 12.04	4 1.46	37 13.50
AIRFRAME	1 3.03	.00	1 3.03	1 .41	.00	1 .41	2 .73	.00	2 .73
LANDING GEAR	.00	.00	.00	.00	.00	.00	.00	.00	.00
POWERPLANT	4 12.12	.00	4 12.12	50 20.75	2 .83	51 21.16	54 19.71	2 .73	55 20.07
SYSTEMS	.00	.00	.00	1 .41	.00	1 .41	1 .36	.00	1 .36
INSTRUMENTS/EQUIPMENT & ACCESSORIES	.00	.00	.00	3 1.24	1 .41	4 1.66	3 1.09	1 .36	4 1.46
ROTORCRAFT	11 33.33	.00	11 33.33	33 13.69	1 .41	34 14.11	44 16.06	1 .36	45 16.42
AIRPORT/AIRWAYS/FACILITIES	.00	.00	.00	.00	3 1.24	3 1.24	.00	3 1.09	3 1.09
WEATHER	1 3.03	5 15.15	6 18.18	6 2.49	23 9.54	29 12.03	7 2.55	28 10.22	35 12.77
TERRAIN	1 3.03	10 30.30	11 33.33	19 7.88	63 26.14	82 34.02	20 7.30	73 26.64	93 33.94
MISCELLANEOUS	1 3.03	.00	1 3.03	13 5.39	2 .83	15 6.22	14 5.11	2 .73	16 5.84
UNDETERMINED	.00	.00	.00	6 2.49	.00	6 2.49	6 2.19	.00	6 2.19

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

U.S. GENERAL AVIATION ACCIDENTS  
INVOLVING ROTORCRAFT  
1974

(EXCLUDES ACCIDENTS WITH NO CAUSAL ASSIGNMENT)

INVOLVES 274 TOTAL ACCIDENTS

INVOLVES 33 FATAL ACCIDENTS

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
<b>** PILOT **</b>									
<b>PILOT IN COMMAND</b>									
ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT					1	1		1	1
ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL	1		1	2		2	3		3
CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS				2		2	2		2
DELAYED IN INITIATING GO-AROUND		1	1					1	1
DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT				2	2	4	2	2	4
EXCEEDED DESIGN STRESS LIMITS OF AIRCRAFT	1		1				1		1
FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS	7		7	2A		2A	35		35
MISJUDGED, SPEED, ALTITUDE OR CLEARANCE	1		1	1		1	2		2
FAILED TO MAINTAIN ADEQUATE ROTOR RPM	2		2	32	1	33	34	1	35
FAILED TO USE OR INCORRECTLY USED MISC EQUIPMENT		2	2					2	2
FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES ETC	2	1	3	5		5	7	1	8
IMPROPER OPERATION OF POWERPLANT + POWERPLANT CONTROLS				5	2	7	5	2	7
IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS				1		1	1		1
IMPROPER OPERATION OF FLIGHT CONTROLS	6		6	27	1	28	33	1	34
IMPROPER LEVEL OFF				4	1	5	4	1	5
IMPROPER IN-FLIGHT DECISIONS OR PLANNING	5		5	8		8	13		13
IMPROPER COMPENSATION FOR WIND CONDITIONS				4		4	4		4
INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING	1		1	32	2	34	33	2	35
INADEQUATE SUPERVISION OF FLIGHT		1	1	11		11	11	1	12
LACK OF FAMILIARITY WITH AIRCRAFT				3	4	7	3	4	7
MISMANAGEMENT OF FUEL				12		12	12		12
EXERCISED POOR JUDGMENT		1	1	3	1	4	3	2	5
OPERATED CARELESSLY				1		1	1		1
SELECTED UNSUITABLE TERRAIN	1		1	4	1	5	5	1	6
INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS				1	1	2	1	1	2
SPONTANEOUS-IMPROPER ACTION					1	1		1	1
MISJUDGED DISTANCE AND SPEED				2		2	2		2
MISJUDGED DISTANCE AND ALTITUDE				2		2	2		2
MISJUDGED SPEED AND ALTITUDE				24		24	24		24
MISJUDGED SPEED				1		1	1		1
MISJUDGED ALTITUDE AND CLEARANCE	1		1	1		1	2		2
MISJUDGED ALTITUDE				1		1	1		1
MISJUDGED CLEARANCE	1		1	9		9	10		10
PHYSICAL IMPAIRMENT	1		1	1		1	2		2
SPATIAL DISORIENTATION				2		2	2		2
SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND				1		1	1		1
DIRECT ENTRIES	1		1				1		1
SUBTOTAL	31	6	37	23A	1A	256	269	24	293
<b>COPILLOT</b>									
IMPROPER OPERATION OF FLIGHT CONTROLS				1		1	1		1
SUBTOTAL				1		1	1		1
<b>DUAL STUDENT</b>									
FAILED TO MAINTAIN ADEQUATE ROTOR RPM				4		4	4		4
IMPROPER OPERATION OF FLIGHT CONTROLS				4		4	4		4
IMPROPER LEVEL OFF				1		1	1		1
IMPROPER COMPENSATION FOR WIND CONDITIONS				1		1	1		1
LACK OF FAMILIARITY WITH AIRCRAFT				1		1	1		1
SELECTED UNSUITABLE TERRAIN				1		1	1		1
FAILURE TO RELINQUISH CONTROL				2		2	2		2
MISJUDGED CLEARANCE	1		1	1		1	2		2
SUBTOTAL	1		1	15		15	16		16
<b>CHECK PILOT</b>									
INADEQUATE SUPERVISION OF FLIGHT				1	2	3	1	2	3
LACK OF FAMILIARITY WITH AIRCRAFT					1	1		1	1
SUBTOTAL				1	3	4	1	3	4

CAUSE/FACTOR TABLE

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
<b>** PERSONNEL **</b>									
FLIGHT INSTRUCTOR									
MAINTENANCE, SERVICING, INSPECTION									
IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL)	1		1	5		5	6		6
IMPROPERLY SERVICED AIRCRAFT (GROUND CREW)	1		1	1		1	2		2
INADEQUATE INSPECTION OF AIRCRAFT (MAINTENANCE PERSONNEL)				1		1	1		1
INADEQUATE MAINTENANCE AND INSPECTION	1		1	11	1	12	12	1	13
OTHER				1		1	1		1
OPERATIONAL SUPERVISORY PERSONNEL									
DEFICIENCY, COMPANY MAINTAINED EGMT. SERV. REGULATIONS				1		1	1		1
WEATHER PERSONNEL									
TRAFFIC CONTROL PERSONNEL									
AIRPORT SUPERVISORY PERSONNEL									
AIRWAYS FACILITIES PERSONNEL									
PRODUCTION-DESIGN-PERSONNEL									
SUBSTANDARD QUALITY CONTROL	3		3				3		3
INCORRECT FACTORY INSTALLATION	1		1				1		1
POOR/INADEQUATE DESIGN	1		1	2	1	3	3	1	4
MISCELLANEOUS-PERSONNEL									
GROUND CREWMAN					1	1		1	1
PASSENGER		1	1	4		4	4	1	5
THIRD PILOT									
FLIGHT ENGINEER									
FLIGHT PERSONNEL									
DISPATCHING (AIR CARRIER ONLY)									
SUBTOTAL	8	1	9	24	3	29	34	4	38
<b>** AIRFRAME **</b>									
WINGS									
FUSELAGE									
WINDSHIELDS, WINDOWS, CANOPIES				1		1	1		1
OTHER	1		1				1		1
LANDING GEAR									
FLIGHT CONTROL SURFACES									
SUBTOTAL	1		1	1		1	2		2
<b>** POWERPLANT **</b>									
ENGINE STRUCTURE									
MASTER AND CONNECTING RODS				6		6	6		6
CYLINDER ASSEMBLY				2		2	2		2
VALVE ASSEMBLIES				1		1	1		1
MOUNT AND VIBRATION ISOLATORS				1		1	1		1
IGNITION SYSTEM									
MAGNETOES				1		1	1		1
SPARK PLUG				2		2	2		2
FUEL SYSTEM									
LINES AND FITTINGS				1		1	1		1
PUMPS				2		2	2		2
FUEL INJECTION SYSTEM				2		2	2		2
OTHER				1		1	1		1
LUBRICATING SYSTEM									
COOLING SYSTEM									
PROPELLER AND ACCESSORIES									
EXHAUST SYSTEM									
ENGINE ACCESSORIES									
ENGINE CONTROLS									
THROTTLE-POWER LEVER ASSEMBLIES				1		1	1		1
POWERPLANT-INSTRUMENTS									
FUEL QUANTITY GAUGE					1	1		1	1
MISCELLANEOUS									
POWERPLANT FAILURE FOR UNDETERMINED REASONS	2		2	21		21	23		23
OTHER				1		1	1		1
DIRECT ENTRIES				1		1	1		1
REDUCTION GEAR ASSEMBLY									
COMPRESSOR ASSEMBLY									
OTHER				1		1	1		1
COMBUSTION ASSEMBLY									
TURBINE ASSEMBLY									
WHEEL, TURBINE	1		1	1		1	2		2
BLADE, TURBINE WHEEL				3		3	3		3
ACCESSORY DRIVE ASSEMBLY									
LUBRICATING SYSTEM									

CAUSE/FACTOR TABLE

POWERPLANT (CONTINUED)

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
FUEL SYSTEM									
PUMP, FUEL					1	1		1	1
FUEL CONTROL				3		3	3		3
OTHER	1		1				1		1
SAFETY SYSTEM									
IGNITION SYSTEM									
TORQUEMETER									
AIR BLEED									
EXHAUST SYSTEM									
THRUST REVERSER									
PROPELLER SYSTEM									
CONSTANT SPEED DRIVE									
POWER LEVER									
PROPELLER LEVER									
REVERSE THRUST LEVER									
ENGINE INDICATING EQUIPMENT									
ENGINE INSTALLATION									
SUBTOTAL	4		4	51	2	53	55	2	57
** SYSTEMS **									
ELECTRICAL SYSTEM									
HYDRAULIC SYSTEM									
RESERVOIR, LINES, FITTINGS				1		1	1		1
FLIGHT CONTROL SYSTEMS									
FLIGHT CONTROL BOOST SYSTEM (HYDRAULIC)				1		1	1		1
ANTI-ICING, DE-ICING SYSTEMS									
AIR CONDITION, HEATING AND PRESSURIZATION									
AUTO PILOT									
FIRE WARNING SYSTEM									
FIRE EXTINGUISHER SYSTEM									
OXYGEN SYSTEM									
OTHER SYSTEMS									
SUBTOTAL				2		2	2		2
** INSTRUMENTS/EQUIPMENT AND ACCESSORIES **									
FLIGHT AND NAVIGATION INSTRUMENTS									
COMMUNICATIONS AND NAVIGATION EQUIPMENT									
MISCELLANEOUS EQUIPMENT									
SPRAY, DUSTING EQUIPMENT				3		3	3		3
OTHER						1		1	1
SUBTOTAL				3	1	4	3	1	4
** ROTORCRAFT **									
ROTOR ASSEMBLIES									
MAIN ROTOR BLADES	2		2	1		1	3		3
TAIL ROTOR BLADES	3		3	3	1	4	6	1	7
MAIN ROTOR HEAD ASSEMBLIES				5		5	5		5
BEARINGS	1		1	2		2	3		3
OTHER	1		1				1		1
TRANSMISSION ROTOR DRIVE SYSTEM									
FREE WHEEL UNIT				1		1	1		1
TAIL ROTOR DRIVE SHAFT ASSEMBLY	1		1	5		5	6		6
TAIL ROTOR GEAR BOX	2		2	4		4	6		6
CLUTCH ASSEMBLY				2		2	2		2
FLIGHT CONTROL SYSTEMS									
CYCLIC PITCH CONTROL SYSTEM	1		1	3		3	4		4
COLLECTIVE PITCH CONTROL SYSTEM				1		1	1		1
TAIL ROTOR PITCH CONTROL SYSTEM				5		5	5		5
STABILIZING SURFACES-DAMPERS				1		1	1		1
MISCELLANEOUS UNITS AND ASSEMBLIES									
TAIL BOOMS/PYLONS/CONES	1		1				1		1
SUBTOTAL	12		12	33	1	34	45	1	46
** AIRPORTS/AIRWAYS/FACILITIES **									
AIRPORT FACILITIES									
AIRPORT CONDITIONS									
UNMARKED OBSTRUCTIONS					1	1		1	1
SOFT RUNWAY					1	1		1	1

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
OTHER AIRWAYS FACILITIES					1	1		1	1
SUBTOTAL					3	3		3	3
<b>** WEATHER **</b>									
LOW CEILING		2	2		5	5		7	7
FOG		1	1		2	2		3	3
SNOW		1	1		1	1		2	2
ICING CONDITIONS—INCLUDES SLEET, FREEZING RAIN, ETC				1	1	1	1	3	3
CONDITIONS CONDUCTIVE TO CABIN/INDUCTION SYSTEM ICING					3	3		3	3
UNFAVORABLE WIND CONDITIONS		2	2	2	7	9	2	9	11
WIND SHEAR				1	1	1		1	1
SUDDEN WINDSHIFT				1	1	1		1	1
DOWNDRAFTS, UPDRAFTS		1	1	3	1	4	3	2	5
OBSTRUCTIONS TO VISION					1	1		1	1
HIGH DENSITY ALTITUDE	1	1	2		7	7	1	8	9
SUBTOTAL	1	8	9	8	27	35	9	35	44
<b>** TERRAIN **</b>									
WET, SOFT GROUND				1	2	3	1	2	3
SNOW-COVERED					3	3		3	3
HIGH VEGETATION					3	3		3	3
HIDDEN OBSTRUCTIONS					1	1		1	1
ROUGH/UNEVEN		2	2	9	14	23	9	16	25
HIGH OBSTRUCTIONS	1	7	8	9	33	42	10	40	50
SANDY					1	1		1	1
OTHER		2	2		6	6		8	8
SUBTOTAL	1	11	12	19	63	82	20	74	94
<b>** MISCELLANEOUS **</b>									
FOREIGN OBJECT DAMAGE				2		2	2		2
SMOKE IN COCKPIT					1	1		1	1
FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS				1		1	1		1
UNDETERMINED				6		6	6		6
BIRD COLLISION				1		1		1	1
EVASIVE MANEUVER TO AVOID COLLISION	1		1	5	1	6	6	1	7
UNQUALIFIED PERSON OPERATED AIRCRAFT				1		1	1		1
DIRECT ENTRIES				3		3	3		3
SUBTOTAL	1		1	19	2	21	20	2	22
GRAND TOTAL	60	26	86	417	123	540	477	149	626
<b>** MISCELLANEOUS ACTS, CONDITIONS **</b>									
PREVIOUS DAMAGE	1		1				1		1
LEAK/LEAKAGE				1		1	1		1
DOWNWIND					8	8		8	8
CARBON DEPOSITS				2		2	2		2
LOOSE, PART/FITTING				1		1	1		1
BINDING				1		1	1		1
DISCONNECTED				6		6	6		6
ELONGATED				1		1	1		1
EXCESSIVE—WEAR/PLAY	1		1				1		1
ERRATIC					1	1		1	1
FRAYED				1		1	1		1
IMPROPERLY INSTALLED				4		4	4		4
OVERHEATED				1	1	2	1	1	2
PRESSURE, NONE					1	1		1	1
SCORED				1		1	1		1
STRIPPED				1		1	1		1
STUCK				2		2	2		2
VIBRATION, EXCESSIVE					2	2		2	2
LOAD NOT JETTISONED					6	6		6	6
ANTI-ICING/DEICING EQUIP—IMPROPER OPER. OR/FAILED TO USE				3		3	3		3
DISREGARD OF GOOD OPERATING PRACTICE				1		1	1		1
IMPROPER EMERGENCY PROCEDURES					1	1		1	1
UNWARRANTED LOW FLYING	2		2	2	1	3	4	1	5
INATTENTIVE TO FUEL SUPPLY				2		2	2		2
POORLY PLANNED APPROACH	1		1				1		1

CAUSE/FACTOR TABLE

MISCELLANEOUS ACTS, CONDITIONS (CONTINUED)

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
JETTISONED LOAD				3	2	2		2	2
IMPROPERLY SECURED						3	3		3
FATIGUE FRACTURE	5		5	8		8	13		13
RPM-UNCONTROLABLE-OVERSPEED	1		1	1		1	2		2
IMPROPER ALIGNMENT/ADJUSTMENT	1		1	1		1	2		2
SEPARATION IN FLIGHT		6	6	1	7	8	1	13	14
FIRE IN CABIN/ COCKPIT/ BAGGAGE COMPARTMENT					1	1		1	1
FIRE IN ENGINE				1	1	2	1	1	2
CORRODED/CORROSION	1		1	1		1	2		2
CARGO SHIFTED				1		1	1		1
CONGESTED TRAFFIC-PATTERN		1	1					1	1
PILOT FATIGUE					1	1		1	1
FUEL EXHAUSTION				14		14	14		14
FUEL CONTAMINATION-EXCLUSIVE OF WATER IN FUEL				6		6	6		6
ALCOHOLIC IMPAIRMENT OF EFFICIENCY AND JUDGMENT	1		1	1		1	2		2
ICE-IN FUEL				1		1	1		1
ICE-CARBURETOR				3		3	3		3
ICE-WINDSHIELD				1		1	1		1
IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR CG				1		1	1		1
INTERFERENCE WITH FLIGHT CONTROLS				4		4	4		4
WHITEOUT				1	1	2	1	1	2
SUNGLARE					4	4		4	4
SIMULATED CONDITIONS				2	4	6	2	4	6
WATER IN FUEL				7		7	7		7
AIRCRAFT CAME TO REST IN WATER		8	8		9	9		17	17
MISSING				1	1	2	1	1	2
TOUGH AND GO LANDING					1	1		1	1
OVERLOAD FAILURE	2		2	1	6	7	3	6	9
MATERIAL FAILURE	3		3	30		30	33		33
FUEL STARVATION				8		8	8		8
OIL STARVATION	1		1				1		1
IMPROPER CLEARANCE-TOLERANCE	1		1	1		1	2		2

DIRECT ENTRY CAUSES

- PILOT-LOSS OF CONTROL, REASON UNKNOWN
- MISC-HOSE IGNITED DRG ROTOR ENGAGEMENT.
- MISC-SETTLING WITH POWER
- PWR PLT-PRIOR ENG OVERSPEED
- MISC-LOSS OF ROTOR RPM FOR UNDETERMINED REASON

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

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FILE NUMBER -----	AIRCRAFT REGIST. -----	DATE -----	LOCATION -----	AIRCRAFT MAKE -----	MODEL -----	INJURY INDEX -----
3 0151	N9673Z	010176	NCAPISTRANO,CA	BELL	47D-1	NONE
3 0149	N2134	011376	SACRAMENTO,CA	BELL	47D-1	NONE
3 0143	N5181B	021376	PHOENIX,AZ	BELL	47G-2	SERIOUS
3 0126	N2823B	020476	CHESAPEAKE,VA	BELL	47G-2	NONE
3 0508	N6730C	032176	VAN HORN,TX	BELL	47G-2	MINOR
3 0642	N2873B	032676	WHITMORE LAKE,MI	BELL	47G-2	NONE
3 0352	N3GF	021776	ATLANTA,GA	BELL	TH13T	NONE
3 0533	N967B	021576	CHARLESTON,KS	BELL	47G	NONE
3 0521	N3109G	030676	ENTERPRISE,AL	BELL	47D1	NONE
3 0384	N90529	031776	DOWS,IA	BELL	47G-2	NONE
3 1139	N917B	040776	LANCASTER,CA	BELL	47D-1	NONE
3 1013	N9195F	031076	STOCKTON,CA	BELL	47G-2	NONE
3 1150	N68630	051376	SAN JUAN CAPST,CA	BELL	47D-1	NONE
3 0865	N4837	041276	N MIAMI BEACH,FL	BELL	47G	MINOR
3 1242	N3628G	022276	CLEARWATER,FL	BELL	47G	MINOR
3 1060	N9088	060476	SUBLETTE,KS	BELL	47D-1	NONE
3 1318	N46R	060176	CACTUS FLATS,SD	BELL	47G-2	MINOR
3 1270	N7763	050376	PORTAGE,MI	BELL	47G	NONE
3 1370	N4070B	050376	STOCKBRIDGE,GA	BELL	47G	NONE
3 1547	N64877	070176	BEEDEVILLE,AR	BELL	47G-2	NONE
3 1551	N163B	061776	RAVENDEN,AR	BELL	47B	SERIOUS

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-----	-----	-----	-----	-----	-----	-----
3 1479	N379B	052076	OKLAHOMA CITY,OK	BELL	47G	NONE
3 1988	N2812B	071376	CHESTERFIELD,MO	BELL	47G	MINOR
3 1846	N179B	071976	NPITTSBURG,CA	BELL	47G	MINOR
3 1766	N9238Z	052276	MONTICELLO,IN	BELL	47G-2	MINOR
3 2047	N5174B	080676	HARRISBURG,AR	BELL	47G-2	NONE
3 1832	N8422E	033076	JONESBORO,AR	BELL	47G-2	NONE
3 1761	N200J	050476	LAWRENCEVILLE,IL	BELL	47G-2	SERIOUS
3 2224	N38926	071776	MCALLEN, TX	BELL	47G-2	NONE
3 2315	N62221	090876	SAN PEDRO,CA	BELL	47G	MINOR
<del>3 2131</del>	<del>N9043T</del>	<del>061676</del>	<del>BLISSFIELD,MI</del>	<del>EL TOMCAT</del>	<del>MK-5A</del>	<del>MINOR</del>
3 2190	N981B	082176	TUCKERMAN,AR	BELL	47H-1	NONE
3 2511	N12088	030176	SOUTH BAY,FL	BELL	47D1	NONE
3 2495	N955	062476	WAYLAND,NY	BELL	47G-2	NONE
3 2476	N74123	052176	LAKE BUTLER,FL	BELL	47D-1	NONE
3 2677	N10325	091176	WARSAW,NY	BELL	47D-1	NONE
3 2689	N29WL	072476	CENTRE,AL	BELL	47D1	NONE
3 2628	N117B	052576	NBIRCHWOOD,AK	BELL	47D-1	FATAL
3 2522	N995D	082776	AUGUSTA,GA	BELL	47	NONE
3 2425	N7737	080676	BREWSTER,NY	BELL	47D1	FATAL
3 2406	N13299	081476	ELGIN,OK	BELL	47G-2	MINOR
3 2829	N2483B	060976	ELTOPIA,WA	BELL	47G-2	MINOR



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3 3059	N1273	090876	RIDGE SPRING, SC	BELL	47G	NONE
3 3055	N106L	072176	NWINTER GARDEN, FL	BELL	47G	MINOR
3 3016	N12412	072976	OSKALOOSA, IA	BELL	47G-2	NONE
3 2907	N818HJ	081776	MANTUA, OH	EL TOMCAT	MARK V	NONE
3 3112	N2772	101276	KERRVILLE, TX	BELL	47G	SERIOUS
3 3119	N7732	102676	SONORA, TX	BELL	47G	NONE
3 3404	N6755D	110676	PIGEON FORGE, TN	BELL	47G-2	FATAL
3 3192	N919B	081876	ZION GROVE, PA	BELL	47D1	NONE
3 3158	N9115R	100176	JOHNSTOWN, OH	BELL	47D1	NONE
3 3443	N178B	101576	NBEAVER, UT	BELL	47G	MINOR
3 3218	N8282E	081776	NCAMPBELLTON, FL	BELL	47D-1	NONE
3 3357	N2874F	092276	LEIPSIC, OH	TRANSWORLD	47G-2	NONE
3 3267	N9001T	100476	NWASCO, CA	EL TOMCAT	MK5A	NONE
3 3562	N73550	100676	UTICA, NY	BELL	47G-2	NONE
3 3848	N3575	121276	VANCEVILLE, GA	BELL	47D1	NONE
3 3909	N6712D	091576	CASHMERE, WA	BELL	47G-3B	NONE
3 3890	N7901S	071776	PETERSBURG, AK	BELL	47G3B1	FATAL
3 3760	N62445	102476	LAREDO, TX	BELL	47G-4A	SERIOUS
3 3431	N7092J	081176	NVANCOUVER, WA	BELL	47G3B2	NONE
3 4159	N2205W	092576	NMANTUA, UT	BELL	47G3B2	FATAL
3 2918	N8599F	092276	KING CITY, MO	BELL	47G-5	NONE

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-----	-----	----	-----	-----	-----	-----
3 2968	N1338X	082376	ALMA,CO	BELL	47G3B1	FATAL
3 2436	N7915S	091276	LOMPOC,CA	BELL	47G-5	MINOR
3 2395	N88CP	082476	NTAYLORVILLE,CA	BELL	47G3B2	NONE
3 2602	N4074G	082476	NASPEN,CO	BELL	47G3B2	SERIOUS
3 2584	N8417E	090676	FREER,TX	BELL	47G2A1	NONE
3 2330	N7945S	061576	LOSTINE,OR	BELL	47G-4A	SERIOUS
3 2204	N1424W	070876	NGOODING,ID	BELL	47G3B2	NONE
3 2087	N729AP	081076	MESQUITE,NM	BELL	47G3B1	NONE
3 1911	N2240W	042176	PALOUSE,WA	BELL	47G-3B	NONE
3 1480	N1157W	060276	NKINGSTON,OK	BELL	47G-4	NONE
3 1592	N47042	051776	NBURLEY,ID	BELL	47G3B1	NONE
3 1467	N4713R	061076	WALKER,LA	BELL	47G-5	NONE
3 1568	N73959	042976	NCOALINGA,CA	BELL	47G3B1	NONE
3 1342	N7894S	061076	SOMERSET,CO	BELL	47G3B1	FATAL
3 1508	N1216W	062876	NATURAL BRIDGE,AL	BELL	47G-4	MINOR
3 1447	N6277N	052176	CLOVERDALE,CA	BELL	47G-5	NONE
3 1262	N4095G	061476	SCOTT CITY,KS	BELL	47G5	NONE
3 1227	N3794G	051276	FORKS,WA	BELL	47G-3B	MINOR
3 1146	N7085J	061176	LOS ANGELES,CA	BELL	47G-5	FATAL
3 1224	N58131	051076	SPOKANE,WA	BELL	47G-3B	NONE
3 0711	N73952	050476	BUCYRUS,OH	BELL	47G2A1	MINOR

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3 0816	N2249W	040676	GENEVA,NE	BELL	47G-5	NONE
3 0689	N8563F	030976	ADRIAN,MI	BELL	47G-5	NONE
3 0196	N78HB	021776	NARTESIA WELLS,TX	BELL	47G-4A	NONE
3 0188	N1150W	022576	BILLINGS,OK	BELL	47G-4	MINOR
3 0079	N7948S	011076	ENCINAL,TX	BELL	47G-4A	NONE
3 0999	N2886	052276	WEST GREENWICH,RI	BELL	47K	SERIOUS
3 1594	N73255	053176	BATON ROUGE,LA	BELL	47J-2	MINOR
3 2370	N5154B	080776	ST LOUIS,MO	BELL	47J	NONE
3 2129	N3537S	062076	CARLYLE,IL	BELL	47J-2A	SERIOUS
3 2247	N8523F	062776	KEOKUK,IA	BELL	47J-2A	NONE
3 3023	N1192W	081376	BRANSON,MO	BELL	47J-2A	FATAL
3 3187	N73216	021276	NEW YORK,NY	BELL	47J	MINOR
3 3508	N62883	112876	NGLEN IVY,CA	BELL	47J	FATAL
3 3275	N2835B	103176	QUAKE LAKE,MT	BELL	47J-2	NONE
3 3699	N3538S	121276	ELLENVILLE,NY	BELL	47J-2A	SERIOUS
3 3780	N130RX	062276	MASONTOWN,PA	BELL	204-B	SERIOUS
3 3895	N8513F	061776	OZARK,AL	BELL	204B	SERIOUS
3 2324	N8167J	042376	GULF OF MEXICO	BELL	205-A1	FATAL
3 2643	N58116	091376	NORIFT RIVER,AK	BELL	205A-1	MINOR
3 2664	N58013	063076	NPALMER,AK	BELL	206B	FATAL
3 2753	N374EH	091476	NJUNEAU AK	BELL	206B	NONE

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
3 2743	N49570	071476	COALVILLE,UT	BELL	206B	MINOR
3 2413	N2291W	091276	BOERNE, TX	BELL	206A	NONE
3 2207	N143PA	011976	NINTERCSTL CITY, LA	BELL	206B	FATAL
3 2184	N2953W	062876	EAGLE, AK	BELL	206B	NONE
3 3067	N7941S	062276	NBISHOP, CA	BELL	206B	FATAL
3 3132	N9914K	101776	AZTEC, NM	BELL	206B	NONE
3 3102	N14856	041776	NLEEVILLE, LA	BELL	206B	FATAL
3 2970	N2955W	101976	NVALDEZ, AK	BELL	206B	NONE
3 1873	N8176J	071576	BERWICK, LA	BELL	206B	SERIOUS
3 3946	N59568	072976	COLVILLE RIVER, AK	BELL	206B	NONE
3 3870	N49669	121176	NMORGAN CITY, LA	BELL	206B	NONE
3 3748	N49667	122876	GULF OF MEXICO	BELL	206B	NONE
3 3323	N372EH	111776	NFLAXMAN ISLAND, AK	BELL	206B	SERIOUS
3 4134	N600SW	070576	NCARSON CITY, NV	BELL	206B	FATAL
3 4160	N49723	121776	NANCHORAGE, AK	BELL	206L	SERIOUS
3 1604	N7849S	031876	NGOBERNADOR, NM	BELL	206B	NONE
3 1748	N100YB	062676	WESTPORT, WA	BELL	206B	NONE
3 1689	N39AL	061176	NTALKEETNA, AK	BELL	206B	NONE
3 1340	N4054G	040176	NEWHALL, CA	BELL	206A	NONE
3 1200	N96117	022176	NLAGRANDE, OR	BELL	206B	NONE
3 0884	N90188	060376	CBLDFOOT, AK	BELL	206B	NONE

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3 0298	N59481	010476	KENAI, AK	BELL	206B	SERIOUS
3 0166	N59471	010976	HONOLULU, HI	BELL	206B	FATAL
3 0463	N90217	020276	AUGUSTINE ISLD, AK	BELL	206B	NONE
3 4036	N398EH	101776	CASPER, WY	BELL	B-212	SERIOUS
3 3967	N2271U	123176	FAYETTEVILLE, TN	BRANTLY	B2B	NONE
3 4089	N44DS	091176	WAUKEGAN, IL	BRANTLY	B2B	NONE
3 4168	N2255U	060876	GREENBURG, PA	BRANTLY	B-2B	NONE
3 0799	N5987X	042776	MARSHALLTOWN, IA	BRANTLEY	B-2B	MINOR
3 0636	N5903X	031376	DODGE CITY, KS	BRANTLEY	B-2	NONE
3 4108	N2201U	091576	TELFORD, PA	BRANTLY	305	NONE
3 3329	N2214U	100976	GALESBURG, IL	BRANTLEY	305	SERIOUS
3 2835	N2231U	091176	CHATTANOOGA, OK	BRANTLEY	305	SERIOUS
3 3053	N47091	090576	MIDLAND CITY, AL	HILLER	UH-128	MINOR
3 3093	N62245	092076	CARSON, WA	HILLER ACFT	UH-12D	NONE
3 2282	N87744	061676	NORTH PLATTE, NE	HILLER ACFT	UH-12D	MINOR
3 3488	N67089	101276	MORRISVILLE, NC	HILLER	UH-12D	NONE
3 3820	N62401	102376	LAKE WORTH, FL	HILLER	UH-12D	NONE
3 0355	N62417	031576	ST JACOB, IL	HILLER	UH-12D	NONE
3 1259	N79SW	060676	DALLAS CENTER, IA	HILLER ACFT	UH-12D	NONE
3 1046	N62362	031576	MIAMI, FL	HILLER	UH-12D	MINOR
3 0988	N62417	042976	ELDRED, IL	HILLER ACFT	UH-12D	NONE

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-----	-----	-----	-----	-----	-----	-----
3 0970	N67113	041076	BOUNTIFUL,UT	HILLER ACFT	UH-12D	NONE
3 0951	N5ZH	040476	CORVALLIS,OR	HILLER ACFT	UH-12E	MINOR
3 0927	N101EH	042276	WORLEY, ID	HILLER ACFT	UH-12E	MINOR
3 0971	N9732C	040776	GLENOMA,WA	HILLER ACFT	UH-12E	NONE
3 0857	N67159	031476	NBLUFF,UT	HILLER ACFT	UH-12E	SERIOUS
3 0167	N108HA	020376	OAHU,HI	HILLER ACFT	UH-12E	NONE
3 3908	N48001	090776	HUMPTULIPS,WA	HILLER ACFT	UH-12E	SERIOUS
3 3619	N93479	120176	NEILTON,WA	HILLER ACFT	UH-12E	MINOR
3 3530	N7411N	081076	NKENNEWICK,WA	HILLER ACFT	UH-12E	MINOR
3 3521	N5380V	111976	NEPHRATA,WA	HILLER ACFT	UH-12E	SERIOUS
3 2333	N6ZH	050476	NALSEA,OR	HILLER ACFT	UH-12E	NONE
3 2200	N5944V	061776	NEZPERCE, ID	HILLER ACFT	UH-12E	NONE
3 3085	N62409	092776	CLARK FORK, ID	HILLER ACFT	UH-12E	NONE
3 3285	N2HL	100476	BRINNON,WA	HILLER ACFT	UH-12E	MINOR
3 2714	N9770C	091076	SALINAS,CA	HILLER ACFT	UH-12E	NONE
3 2749	N96TH	073076	NWRANGELL,AK	HILLER	UH12EJ	NONE
3 2820	N62346	090876	JEROME, ID	HILLER ACFT	UH-12E	NONE
3 1866	N68021	061076	RUPERT, ID	HILLER ACFT	UH-12E	NONE
3 1890	N9785C	051476	NTILLAMOOK,OR	HILLER ACFT	UH-12E	SERIOUS
3 2050	N5360V	062576	NHAPPY CAMP,CA	HILLER ACFT	UH-12E	NONE
3 1792	N47078	081576	SHEEP MOUNTAIN,AK	HILLER ACFT	UH12EJ	FATAL

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3 2175	N67156	070376	LORE CITY,OH	HILLER	UH-12E	NONE
3 1827	N9278Z	051176	SOMERTON,AZ	HILLER ACFT	UH-12E	NONE
3 2653	N754F	032676	NHEALY,AK	HILLER ACFT	FH1100	MINOR
3 2305	N441FH	080676	LAKE CITY,AR	HILLER ACFT	FH1100	NONE
3 3526	N8678	121776	RENTON,WA	HILLER ACFT	FH1100	NONE
3 3639	N7457F	111476	TWO BUTTES,CO	HUGHES	269C	NONE
3 3898	N9553F	082776	NPENSACOLA,FL	HUGHES	269B	MINOR
3 4047	N9563F	090176	HOLMES BEACH,FL	HUGHES	269B	NONE
3 3791	N9566F	121476	LONG BEACH,CA	HUGHES	269B	NONE
3 2347	N9284F	050476	MIAMI,FL	HUGHES	269C	NONE
3 2475	N9435F	061676	LACEYS SPRING,AL	HUGHES	269B	NONE
3 2713	N9436F	071576	ORANGEBURG,SC	HUGHES	269B	NONE
3 2898	N7435F	072076	MAROA,IL	HUGHES	269C	NONE
3 2805	N9380F	091176	BATESBURG,SC	HUGHES	269B	SERIOUS
3 2182	N8929F	072576	NABBOTSFORD,WI	HUGHES	269A	MINOR
3 2085	N8942F	081476	MILAGRO,NM	HUGHES	269A-1	NONE
3 1961	N8873F	080776	ALDEN,KS	HUGHES	269A	NONE
3 2124	N8897F	040376	COMER,GA	HUGHES	269A	SERIOUS
3 2102	N9301F	080576	AMARILLO,TX	HUGHES	269B	SERIOUS
3 3205	N9428F	092876	MILLINGTON,TN	HUGHES	269B	NONE
3 3124	N9440F	051876	BROOMFIELD,CO	HUGHES	269B	NONE

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-----	-----	-----	-----	-----	-----	-----
3 3106	N7453F	092576	NVINITA,OK	HUGHES	269C	SERIOUS
3 3017	N9580F	072376	CLUTIER,IA	HUGHES	269C	NONE
3 0341	N8769F	020876	PINEHURST,NC	HUGHES	269A	NONE
3 0219	N11212	021876	RENTON,WA	HUGHES	269B	NONE
3 0014	N9685F	010576	SAGINAW,MI	HUGHES	269C	NONE
3 0715	N444E	040376	WEST CHARLESTN,OH	HUGHES	269A	SERIOUS
3 0536	N8880F	032876	RICHMOND,MI	HUGHES	269A	MINOR
3 0871	N9653F	051576	HEBRON,IN	HUGHES	269C	NONE
3 1268	N9397F	053176	GAITHERSBURGH,MD	HUGHES	269B	MINOR
3 1683	N8718F	071276	FAIR PLAY,SC	HUGHES	269A	MINOR
3 1492	N8871F	052276	CASTROVILLE,TX	HUGHES	269A	NONE
3 1716	N7432F	071076	GOODING,ID	HUGHES	269A	NONE
3 1495	N8970F	062676	NLAMPASAS,TX	HUGHES	269C	MINOR
3 1815	N55ST	070976	NJUNEAU,AK	HUGHES	369HS	SERIOUS
3 1817	N9079F	080576	NSKAGWAY,AK	HUGHES	369	NONE
3 1813	N500HC	050976	KANDIK AK	HUGHES	369	NONE
3 1483	N500PA	060776	NVINITA,OK	HUGHES	369HS	NONE
3 1004	N9188F	041276	ALBRIGHT,WV	HUGHES	369HS	NONE
3 3315	N9098F	092776	NANGOON,AK	HUGHES	369HS	SERIOUS
3 3287	N9125F	080476	NINTRCOSTL CITY,LA	HUGHES	369	SERIOUS
3 3281	N9123F	062876	NTYGH VALLEY,OR	HUGHES	369HS	FATAL



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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
-----	-----	-----	-----	-----	-----	-----
3 2193	N8375F	071076	CULVER CITY,CA	HUGHES	369HS	MINOR
3 2145	N9153F	051876	ELKHART,KS	HUGHES	369	NONE
3 2719	N9261F	092476	HAENA,KAUAI,HI	HUGHES	369	MINOR
3 4078	N9200F	072476	NWOODLAND,IL	HUGHES	369HS	SERIOUS
3 3955	N9172F	090276	NHAWK INLET,AK	HUGHES	369HS	FATAL
3 3696	N609PD	073176	WESTBURY,NY	HUGHES	369	NONE
3 3661	N9213F	102176	PICKNEY,MI	HUGHES	369HS	NONE
3 4170	N9135F	121176	NPONTIAC,IL	HUGHES	369C	FATAL
3 0023	N4331G	012576	SCOTTSVILLE,NY	MCCULLOCH	J-2	NONE
3 0721	N92868	022076	PERKASIE,PA	SIKORSKY	S-51	NONE
3 0431	N54063	020476	MIAMI,FL	SIKORSKY	S-52	MINOR
3 0097	N3498	010976	CALIFORNIA,MD	SIKORSKY	S-55	FATAL
3 2732	N2305	100176	TULSA,OK	SIKORSKY	S-55B	NONE
3 3261	N9389	092276	NSAN BERNARDINO,CA	SIKORSKY	S-55B	FATAL
3 2939	N41843	090176	FT LAUDERDALE,FL	SIKORSKY	S58E	NONE
3 4152	N8561	113076	HARTFORD TWP,OH	SIKORSKY	S58B	SERIOUS
3 0366	N978	031176	SAYREVILLE,NJ	SIKORSKY	S-62	MINOR
3 4084	N6965R	121376	NOWDREY,CO	SIKORSKY	S-64E	SERIOUS
3 0142	N8622	012976	NMARICOPA,AZ	S.N.A.I.S	SA316B	NONE
3 1810	N3043	061176	BIRD MOUNTAIN,AK	AEROSPATLE	SA318C	NONE
3 1747	N7329	061776	CLEARWATER,WA	AEROSPATLE	SE3133	SERIOUS

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3 1377	N47256	062176	MEDARYVILLE, IN	AEROSPATLE	SE3160	NONE
3 0311	N62373	031076	NLAS VEGAS, NV	S.N.I.A.S	SA314G	NONE
3 0040	N62176	013076	NCIRCLE, AK	S.N.A.I.S.	SA341G	FATAL
3 0171	N6154S	021676	BATON ROUGE, LA	AIR & SPACE	18A	NONE
3 0653	N6128S	013176	COLLINSVILLE, VA	AIR & SPACE	18A	NONE
3 3665	N73546	091876	OXFORD, KS	AIR & SPACE	18A	FATAL
3 3827	N2100	120476	CORONA, CA	SCORPION	TOO	FATAL
3 3735	N6536	101676	NLAURENS, SC	BENSEN	B-8M	FATAL
3 3467	N63301	111676	ALSTON, MI	SCORPION	2	FATAL
3 3993	NONE	100276	GULFSTREAM, FL	BENSEN	GYRO	FATAL
3 0680	N2137	022076	PIKEVILLE, KY	MINE-COPTER	R100	NONE
3 0577	N21CF	030776	NHOLTVILLE, CA	BENSEN	B8M	FATAL
3 0476	N525BG	031276	SAN DIEGO, CA	SCORPION	TOO	NONE
3 1182	N31170	051576	DEQUINCY, LA	ROBERTSON	B8M	NONE
3 1341	N4672	051576	SALINAS, CA	BENSEN	B8M	NONE
3 1577	N7043	031476	CORONA, CA	SCORPION	TWO	MINOR
3 1522	N12059	061076	MOORESVILLE, IN	BENSEN	B7MC	MINOR
3 1510	N8GB	053176	MULBERRY, FL	BELDEN	B-8M	SERIOUS
3 2973	N158	072976	ROCKFORD, IL	SPORTSTER	HA-2M	NONE
3 2742	N4194	080776	LEHI, UT	BENSEN	B-8M	NONE
3 2307	N8429	071076	NCORNING, AR	QUINN	MK-5A	SERIOUS

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3 3294	N90656	072576	ROCKPORT, LA	BOLKOW	BO-105	NONE
3 3626	N1498B	061376	NINTRACOASTAL, LA	BOLKOW	BO105C	FATAL
3 3774	N155B	080576	BARNEGAT LIGHT, NJ	ENSTROM	F-28A	NONE
3 3512	N9576	040576	PASADENA, CA	ENSTROM	F-28A	NONE
3 3984	N2820	111676	COLUMBUS, OH	ENSTROM	F-28A	MINOR
3 4077	N888D	080976	ENON, OH	ENSTROM	F-28A	FATAL
3 4024	N498H	100876	DESTIN, FL	ENSTROM	F-28	NONE
3 4001	N1224R	070576	LUTESVILLE, MO	ENSTROM	F-28A	SERIOUS
3 2497	N9589	072076	COLLEGEVILLE, PA	ENSTROM	F-28A	SERIOUS
3 2412	N9057	081276	BROWNSVILLE, TX	ENSTROM	F-28A	MINOR
3 2864	N625H	070476	ORTONVILLE, MN	ENSTRON	F-28	MINOR
3 2936	N1620	100476	LAKE PLACID, FL	ENSTROM	F-28A	NONE
3 2010	N2900	050876	COOPERSBURG, PA	ENSTROM	F-28A	NONE
3 1993	N426RD	041776	BRIGANTINE, NJ	ENSTROM	F-28A	NONE
3 2114	N539H	040876	NEVANSTON, WY	ENSTROM	F-28C	NONE
3 1892	N530H	051776	PRAIRIE CITY, OR	ENSTROM	F-28A	MINOR
3 1699	N2690	040476	BLYTHE, CA	ENSTROM	F-28A	NONE
3 1865	N715BP	042376	WHITE BIRD, ID	ENSTROM	F-28A	SERIOUS
3 1976	N9552	060276	MENOMINEE, MI	ENSTROM	F-28A	NONE
3 1392	N9259	060876	NISLAND BEACH, NJ	ENSTROM	F-28A	MINOR
3 0547	N9599	021576	E MORICHES, NY	ENSTROM	F-28A	NONE

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3 0322	N9263	022776	NGUNTERSVILLE,AL	ENSTROM	F-28A	FATAL
3 0756	N9577	033176	NSAN CARLOS,CA	ENSTROM	F-28A	MINOR

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3 0014	N9685F	010576	SAGINAW,MI	HUGHES	269C	NONE
3 0023	N4331G	012576	SCOTTSDALE, AZ	MCCULLOCH	J-2	NONE
3 0040	N62176	013076	MCIRCLE,AK	S.N.A.I.S.	SA341G	FATAL
3 0079	N7948S	011076	ENCINAL, TX	BELL	47G-4A	NONE
3 0097	N3498	010976	CALIFORNIA, MD	SIKORSKY	S-55	FATAL
3 0126	N2823B	020476	CHESAPEAKE, VA	BELL	47G-2	NONE
3 0142	N8622	012976	NMARIKOPA, AZ	S.N.A.I.S	SA316B	NONE
3 0143	N5181B	021376	PHOENIX, AZ	BELL	47G-2	SERIOUS
3 0149	N2134	011376	SACRAMENTO, CA	BELL	47D-1	NONE
3 0151	N9673Z	010176	NCAPISTRANO, CA	BELL	47D-1	NONE
3 0166	N59471	010976	NHONOLULU, HI	BELL	206B	FATAL
3 0167	N108HA	020376	OAHU, HI	HILLER ACFT	UH-12E	NONE
3 0171	N6154S	021676	BATON ROUGE, LA	AIR & SPACE	18A	NONE
3 0188	N1150W	022576	BILLINGS, OK	BELL	47G-4	MINOR
3 0196	N78HB	021776	NARTESIA WELLS, TX	BELL	47G-4A	NONE
3 0219	N11212	021876	RENTON, WA	HUGHES	269B	NONE
3 0298	N59481	010476	KENAI, AK	BELL	206B	SERIOUS
3 0311	N62373	031076	NLAS VEGAS, NV	S.N.I.A.S	SA314G	NONE
3 0322	N9263	022776	NGUNTERSVILLE, AL	ENSTROM	F-28A	FATAL
3 0341	N8769F	020876	PINEHURST, NC	HUGHES	269A	NONE
3 0352	N3GF	021776	ATLANTA, GA	BELL	TH13T	NONE

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3 0355	N62417	031576	ST JACOB, IL	HILLER	UH-120	NONE
3 0366	N978	031176	SAYREVILLE, NJ	SIKORSKY	S-62	MINOR
3 0384	N90529	031776	DOWS, IA	BELL	47G-2	NONE
3 0431	N54063	020476	MIAMI, FL	SIKORSKY	S-52	MINOR
3 0463	N90217	020276	AUGUSTINE ISLD, AK	BELL	206B	NONE
3 0476	N525BG	031276	SAN DIEGO, CA	SCORPION	T00	NONE
3 0508	N6730C	032176	VAN HORN, TX	BELL	47G-2	MINOR
3 0521	N3109G	030676	ENTERPRISE, AL	BELL	47D1	NONE
3 0533	N967B	021576	CHARLESTON, KS	BELL	47G	NONE
3 0536	N8880F	032876	RICHMOND, MI	HUGHES	269A	MINOR
3 0547	N9599	021576	E MORICHES, NY	ENSTROM	F-28A	NONE
3 0577	N21CF	030776	NHOLTVILLE, CA	BENSEN	88M	FATAL
3 0636	N5903X	031376	DODGE CITY, KS	BRANTLEY	B-2	NONE
3 0642	N2873B	032676	WHITMORE LAKE, MI	BELL	47G-2	NONE
3 0653	N6128S	013176	COLLINSVILLE, VA	AIR & SPACE	18A	NONE
3 0680	N2137	022076	PIKEVILLE, KY	MINE-COPTER	R100	NONE
3 0689	N8563F	030976	ADRIAN, MI	BELL	47G-5	NONE
3 0711	N73952	050476	BUCYRUS, OH	BELL	47G2A1	MINOR
3 0715	N444E	040376	WEST CHARLESTN, OH	HUGHES	269A	SERIOUS
3 0721	N92868	022076	PERKASIE, PA	SIKORSKY	S-51	NONE
3 0756	N9577	033176	NSAN CARLOS, CA	ENSTROM	F-28A	MINOR

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3 0799	N5987X	042776	MARSHALLTOWN, IA	BRANTLEY	8-2B	MINOR
3 0816	N2249W	040676	GENEVA, NE	BELL	47G-5	NONE
3 0857	N67159	031476	NBLUFF, UT	HILLER ACFT	UH-12E	SERIOUS
3 0865	N4837	041276	N MIAMI BEACH, FL	BELL	47G	MINOR
3 0871	N9653F	051576	HEBRON, IN	HUGHES	269C	NONE
3 0884	N90188	060376	COLDFOOT, AK	BELL	206B	NONE
3 0927	N101EH	042276	WORLEY, ID	HILLER ACFT	UH-12E	MINOR
3 0951	N5ZH	040476	CORVALLIS, OR	HILLER ACFT	UH-12E	MINOR
3 0970	N67113	041076	BOUNTIFUL, UT	HILLER ACFT	UH-12D	NONE
3 0971	N9732C	040776	GLENOMA, WA	HILLER ACFT	UH-12E	NONE
3 0988	N62417	042976	ELDRED, IL	HILLER ACFT	UH-12D	NONE
3 0999	N2886	052276	WEST GREENWICH, RI	BELL	47K	SERIOUS
3 1004	N9188F	041276	ALBRIGHT, WV	HUGHES	369HS	NONE
3 1013	N9195F	031076	STOCKTON, CA	BELL	47G-2	NONE
3 1046	N62362	031576	MIAMI, FL	HILLER	UH-12D	MINOR
3 1060	N908B	060476	SUBLETTE, KS	BELL	47D-1	NONE
3 1139	N917B	040776	LANCASTER, CA	BELL	47D-1	NONE
3 1146	N7085J	061176	LOS ANGELES, CA	BELL	47G-5	FATAL
3 1150	N68630	051376	SAN JUAN CAPST, CA	BELL	47D-1	NONE
3 1182	N31170	051576	DEQUINCY, LA	ROBERTSON	88M	NONE
3 1200	N96117	022176	NLAGRANDE, OR	BELL	206B	NONE

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3 1224	N58131	051076	SPOKANE,WA	BELL	47G-38	NONE
3 1227	N3794G	051276	FORKS,WA	BELL	47G-38	MINOR
3 1242	N3628G	022276	CLEARWATER,FL	BELL	47G	MINOR
3 1259	N79SW	060676	DALLAS CENTER,IA	HILLER ACFT	UH-12D	NONE
3 1262	N4095G	061476	SCOTT CITY,KS	BELL	47G5	NONE
3 1268	N9397F	053176	GAITHERSBURGH,MD	HUGHES	269B	MINOR
3 1270	N7763	050376	PORTAGE,MI	BELL	47G	NONE
3 1318	N46R	060176	CACTUS FLATS,SD	BELL	47G-2	MINOR
3 1340	N4054G	040176	NEWHALL,CA	BELL	206A	NONE
3 1341	N4672	051576	SALINAS,CA	BENSEN	88M	NONE
3 1342	N7894S	061076	SOMERSET,CO	BELL	47G381	FATAL
3 1370	N4070B	050376	STOCKBRIDGE,GA	BELL	47G	NONE
3 1377	N47256	062176	MEDARYVILLE,IN	AEROSPATLE	SE3160	NONE
3 1392	N9259	060876	NISLAND BEACH,NJ	ENSTROM	F-28A	MINOR
3 1447	N6277N	052176	CLOVERDALE,CA	BELL	47G-5	NONE
3 1467	N4713R	061076	WALKER,LA	BELL	47G-5	NONE
3 1479	N379B	052076	OKLAHOMA CITY,OK	BELL	47G	NONE
3 1480	N1157W	060276	NKINGSTON,OK	BELL	47G-4	NONE
3 1483	N500PA	060776	NVINITA,OK	HUGHES	369HS	NONE
3 1492	N8871F	052276	CASTROVILLE,TX	HUGHES	269A	NONE
3 1495	N8970F	062676	NLAMPASAS,TX	HUGHES	269C	MINOR



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3 1508	N1216W	062876	NATURAL BRIDGE,AL	BELL	47G-4	MINOR
3 1510	N8GB	053176	MULBERRY,FL	BELDEN	8-8M	SERIOUS
3 1522	N12059	061076	MOORESVILLE,IN	BENSEN	87MC	MINOR
3 1547	N64877	070176	BEEDEVILLE,AR	BELL	47G-2	NONE
3 1551	N163B	061776	RAVENDEN,AR	BELL	47B	SERIOUS
3 1568	N73959	042976	NCNALINGA,CA	BELL	47G3B1	NONE
3 1577	N7043	031476	CORONA,CA	SCORPION	TWO	MINOR
3 1592	N47042	051776	NBURLEY, ID	BELL	47G3B1	NONE
3 1594	N73255	053176	BATON ROUGE,LA	BELL	47J-2	MINOR
3 1604	N7849S	031876	NGOBERNADOR,NM	BELL	206B	NONE
3 1683	N8718F	071276	FAIR PLAY,SC	HUGHES	269A	MINOR
3 1689	N39AL	061176	NTALKEETNA,AK	BELL	206B	NONE
3 1699	N269Q	040476	BLYTHE,CA	ENSTROM	F-28A	NONE
3 1716	N7432F	071076	GOODING, ID	HUGHES	269A	NONE
3 1747	N7329	061776	CLEARWATER,WA	AEROSPATLE	SE3133	SERIOUS
3 1748	N100YB	062676	WESTPORT,WA	BELL	206B	NONE
3 1761	N200J	050476	LAWRENCEVILLE,IL	BELL	47G-2	SERIOUS
3 1766	N9238Z	052276	MONTICELLO,IN	BELL	47G-2	MINOR
3 1792	N47078	081576	SHEEP MOUNTAIN,AK	HILLER ACFT	UH12EJ	FATAL
3 1810	N3043	061176	BIRD MOUNTAIN,AK	AEROSPATLE	SA318C	NONE
3 1813	N500HC	050976	KANDIK AK	HUGHES	369	NONE

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3 1815	N55ST	070976	NJUNEAU, AK	HUGHES	369HS	SERIOUS
3 1817	N9079F	080576	NSKAGWAY, AK	HUGHES	369	NONE
3 1827	N9278Z	051176	SOMERTON, AZ	HILLER ACFT	UH-12E	NONE
3 1832	N8422E	033076	JONESBORO, AR	BELL	47G-2	NONE
3 1846	N1798	071976	NPITTSBURG, CA	BELL	47G	MINOR
3 1865	N7158P	042376	WHITE BIRD, ID	ENSTROM	F-28A	SERIOUS
3 1866	N68021	061076	RUPERT, ID	HILLER ACFT	UH-12E	NONE
3 1873	N8176J	071576	BERWICK, LA	BELL	206B	SERIOUS
3 1890	N9785C	051476	NTILLAMOOK, OR	HILLER ACFT	UH-12E	SERIOUS
3 1892	N530H	051776	PRAIRIE CITY, OR	ENSTROM	F-28A	MINOR
3 1911	N2240W	042176	PALOUSE, WA	BELL	47G-3B	NONE
3 1961	N8873F	080776	ALDEN, KS	HUGHES	269A	NONE
3 1976	N9552	060276	MENOMINEE, MI	ENSTROM	F-28A	NONE
3 1988	N2812B	071376	CHESTERFIELD, MO	BELL	47G	MINOR
3 1993	N426RD	041776	BRIGANTINE, NJ	ENSTROM	F-28A	NONE
3 2010	N290Q	050876	COOPERSBURG, PA	ENSTROM	F-28A	NONE
3 2047	N5174B	080676	HARRISBURG, AR	BELL	47G-2	NONE
3 2050	N5360V	062576	NHAPPY CAMP, CA	HILLER ACFT	UH-12E	NONE
3 2085	N8942F	081476	MILAGRO, NM	HUGHES	269A-1	NONE
3 2087	N729AP	081076	MESQUITE, NM	BELL	47G3B1	NONE
3 2102	N9301F	080576	AMARILLO, TX	HUGHES	269B	SERIOUS

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3 2114	N539H	040876	NEVANSTON, WY	ENSTROM	F-28C	NONE
3 2124	N8897F	040376	COMER, GA	HUGHES	269A	SERIOUS
3 2129	N3537S	062076	CARLYLE, IL	BELL	47J-2A	SERIOUS
3 2131	N9043T	061676	BLISSFIELD, MI	EL TOMCAT	MK-5A	MINOR
3 2145	N9153F	051876	ELKHART, KS	HUGHES	369	NONE
3 2175	N67156	070376	LORE CITY, OH	HILLER	UH-12E	NONE
3 2182	N8929F	072576	NABBOTSFORD, WI	HUGHES	269A	MINOR
3 2184	N2953W	062876	EAGLE, AK	BELL	206B	NONE
3 2190	N981B	082176	TUCKERMAN, AR	BELL	47H-1	NONE
3 2193	N8375F	071076	CULVER CITY, CA	HUGHES	369HS	MINOR
3 2200	N5944V	061776	NEZPERCE, ID	HILLER ACFT	UH-12E	NONE
3 2204	N1424W	070876	NGOODING, ID	BELL	47G382	NONE
3 2207	N143PA	011976	NINTERCSTL CITY, LA	BELL	206B	FATAL
3 2224	N38926	071776	MCALLEN, TX	BELL	47G-2	NONE
3 2247	N8523F	062776	KEOKUK, IA	BELL	47J-2A	NONE
3 2282	N87744	061676	NORTH PLATTE, NE	HILLER ACFT	UH-12D	MINOR
3 2305	N441FH	080676	LAKE CITY, AR	HILLER ACFT	FH1100	NONE
3 2307	N8429	071076	NCORNING, AR	QUINN	MK-5A	SERIOUS
3 2315	N62221	090876	SAN PEDRO, CA	BELL	47G	MINOR
3 2324	N8167J	042376	GULF OF MEXICO	BELL	205-A1	FATAL
3 2330	N7945S	061576	LOSTINE, OR	BELL	47G-4A	SERIOUS

LISTING OF ACCIDENTS  
 INVOLVING ROTORCRAFT  
 U.S. GENERAL AVIATION  
 1976  
 (IN FILE ORDER SEQUENCE)

FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
3 2333	N6ZH	050476	NALSEA,OR	HILLER ACFT	UH-12E	NONE
3 2347	N9284F	050476	MIAMI,FL	HUGHES	269C	NONE
3 2370	N51548	080776	ST LOUIS,MO	BELL	47J	NONE
3 2395	N88CP	082476	NTAYLORVILLE,CA	BELL	47G3B2	NONE
3 2406	N13299	081476	ELGIN,OK	BELL	47G-2	MINOR
3 2412	N9057	081276	BROWNSVILLE,TX	ENSTROM	F-28A	MINOR
3 2413	N2291W	091276	BOERNE,TX	BELL	206A	NONE
3 2425	N7737	080676	BREWSTER,NY	BELL	47D1	FATAL
3 2436	N7915S	091276	LOMPOC,CA	BELL	47G-5	MINOR
3 2475	N9435F	061676	LACEYS SPRING,AL	HUGHES	2698	NONE
3 2476	N74123	052176	LAKE BUTLER,FL	BELL	47D-1	NONE
3 2495	N955	062476	WAYLAND,NY	BELL	47G-2	NONE
3 2497	N9589	072076	COLLEGEVILLE,PA	ENSTROM	F-28A	SERIOUS
3 2511	N12088	030176	SOUTH BAY,FL	BELL	47D1	NONE
3 2522	N995D	082776	AUGUSTA,GA	BELL	47	NONE
3 2584	N8417E	090676	FREER,TX	BELL	47G2A1	NONE
3 2602	N4074G	082476	NASPEN,CO	BELL	47G3B2	SERIOUS
3 2628	N1178	052576	NBIRCHWOOD,AK	BELL	47D-1	FATAL
3 2643	N58116	091376	NDRIFT RIVER,AK	BELL	205A-1	MINOR
3 2653	N754F	032676	NHEALY,AK	HILLER ACFT	FH1100	MINOR
3 2664	N58013	063076	NPALMER,AK	BELL	206B	FATAL

LISTING OF ACCIDENTS  
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1976  
(IN FILE ORDER SEQUENCE)

FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 2677	N10325	091176	WARSAW,NY	BELL	47D-1	NONE
3 2689	N29WL	072476	CENTRE,AL	BELL	47D1	NONE
3 2713	N9436F	071576	ORANGEBURG,SC	HUGHES	269B	NONE
3 2714	N9770C	091076	SALINAS,CA	HILLER ACFT	UH-12E	NONE
3 2719	N9261F	092476	HAENA,KAUAI,HI	HUGHES	369	MINOR
3 2732	N2305	100176	TULSA,OK	SIKORSKY	S-55B	NONE
3 2742	N4194	080776	LEHI,UT	BENSEN	B-8M	NONE
3 2743	N49570	071476	COALVILLE,UT	BELL	206B	MINOR
3 2749	N96TH	073076	NWRANGELL,AK	HILLER	UH12EJ	NONE
3 2753	N374EH	091476	NJUNEAU AK	BELL	206B	NONE
3 2805	N9380F	091176	BATESBURG,SC	HUGHES	269B	SERIOUS
3 2820	N62346	090876	JEROME,ID	HILLER ACFT	UH-12E	NONE
3 2829	N2483B	060976	ELTOPIA,WA	BELL	47G-2	MINOR
3 2835	N2231U	091176	CHATTANOOGA,OK	BRANTLEY	305	SERIOUS
3 2864	N625H	070476	ORTONVILLE,MN	ENSTRON	F-28	MINOR
3 2898	N7435F	072076	MAROA,IL	HUGHES	269C	NONE
3 2907	N818HJ	081776	MANTUA,OH	EL TOMCAT	MARK V	NONE
3 2918	N8599F	092276	KING CITY,MO	BELL	47G-5	NONE
3 2936	N1620	100476	LAKE PLACID,FL	ENSTROM	F-28A	NONE
3 2939	N41843	090176	FT LAUDERDALE,FL	SIKORSKY	S58E	NONE
3 2968	N1338X	082376	ALMA,CO	BELL	47G3B1	FATAL

LISTING OF ACCIDENTS  
INVOLVING ROTORCRAFT  
U.S. GENERAL AVIATION  
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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 2970	N2955W	101976	NVALDEZ, AK	BELL	206B	NONE
3 2973	N158	072976	ROCKFORD, IL	SPORTSTER	HA-2M	NONE
3 3016	N12412	072976	OSKALOOSA, IA	BELL	47G-2	NONE
3 3017	N9580F	072376	CLUTIER, IA	HUGHES	269C	NONE
3 3023	N1192W	081376	BRANSON, MO	BELL	47J-2A	FATAL
3 3053	N47091	090576	MIDLAND CITY, AL	HILLER	UH-12B	MINOR
3 3055	N106L	072176	NWINTER GARDEN, FL	BELL	47G	MINOR
3 3059	N1273	090876	RIDGE SPRING, SC	BELL	47G	NONE
3 3067	N7941S	062276	NBISHOP, CA	BELL	206B	FATAL
3 3085	N62409	092776	CLARK FORK, ID	HILLER ACFT	UH-12E	NONE
3 3093	N62245	092076	CARSON, WA	HILLER ACFT	UH-12D	NONE
3 3102	N14856	041776	NLEEVIIE, LA	BELL	206B	FATAL
3 3106	N7453F	092576	NVINITA, OK	HUGHES	269C	SERIOUS
3 3112	N2772	101276	KERRVILLE, TX	BELL	47G	SERIOUS
3 3119	N7732	102676	SONORA, TX	BELL	47G	NONE
3 3124	N9440F	051876	BROOMFIELD, CO	HUGHES	269B	NONE
3 3132	N9914K	101776	AZTEC, NM	BELL	206B	NONE
3 3158	N9115R	100176	JOHNSTOWN, OH	BELL	47D1	NONE
3 3187	N73216	021276	NEW YORK, NY	BELL	47J	MINOR
3 3192	N919B	081876	ZION GROVE, PA	BELL	47D1	NONE
3 3205	N9428F	092876	MILLINGTON, TN	HUGHES	269B	NONE

LISTING OF ACCIDENTS  
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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 3218	N8282E	081776	NCAMPBELLTON,FL	BELL	47D-1	NONE
3 3261	N9389	092276	NSAN BERNARDINO,CA	SIKORSKY	S-55B	FATAL
3 3267	N9001T	100476	NWASCO,CA	EL TOMCAT	MK5A	NONE
3 3275	N2835B	103176	QUAKE LAKE,MT	BELL	47J-2	NONE
3 3281	N9123F	062876	NTYGH VALLEY,OR	HUGHES	369HS	FATAL
3 3285	N2HL	100476	BRINNON,WA	HILLER ACFT	UH-12E	MINOR
3 3287	N9125F	080476	NINTRCOSTL CITY,LA	HUGHES	369	SERIOUS
3 3294	N90656	072576	ROCKPORT,LA	BOLKOW	80-105	NONE
3 3315	N9098F	092776	NANGOON,AK	HUGHES	369HS	SERIOUS
3 3323	N372EH	111776	NFLAXMAN ISLAND,AK	BELL	206B	SERIOUS
3 3329	N2214U	100976	GALESBURG,IL	BRANTLEY	305	SERIOUS
3 3357	N2874F	092276	LEIPSIC,OH	TRANSWORLD	47G-2	NONE
3 3404	N6755D	110676	PIGEON FORGE,TN	BELL	47G-2	FATAL
3 3431	N7092J	081176	NVANCOUVER,WA	BELL	47G382	NONE
3 3443	N178B	101576	NBEAVER,UT	BELL	47G	MINOR
3 3467	N63301	111676	ALSTON,MI	SCORPION	2	FATAL
3 3488	N67089	101276	MORRISVILLE,NC	HILLER	UH-12D	NONE
3 3508	N62883	112876	NGLEN IVY,CA	BELL	47J	FATAL
3 3512	N9576	040576	PASADENA,CA	ENSTROM	F-28A	NONE
3 3521	N5380V	111976	NEPHRATA,WA	HILLER ACFT	UH-12E	SERIOUS
3 3526	N8678	121776	RENTON,WA	HILLER ACFT	FH1100	NONE

LISTING OF ACCIDENTS  
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U.S. GENERAL AVIATION  
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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 3530	N7411N	081076	NKENNEWICK,WA	HILLER ACFT	UH-12E	MINOR
3 3562	N73550	100676	UTICA,NY	BELL	47G-2	NONE
3 3619	N93479	120176	NEILTON,WA	HILLER ACFT	UH-12E	MINOR
3 3626	N1498B	061376	NINTRACOASTAL,LA	BOLKOW	80105C	FATAL
3 3639	N7457F	111476	TWO BUTTES,CO	HUGHES	269C	NONE
3 3661	N9213F	102176	PICKNEY,MI	HUGHES	369HS	NONE
3 3665	N73546	091876	OXFORD,KS	AIR & SPACE	18A.	FATAL
3 3696	N609PD	073176	WESTBURY,NY	HUGHES	369	NONE
3 3699	N3538S	121276	ELLENVILLE,NY	BELL	47J-2A	SERIOUS
3 3735	N6536	101676	NLAURENS,SC	BENSEN	8-8M	FATAL
3 3748	N49667	122876	GULF OF MEXICO	BELL	206B	NONE
3 3760	N62445	102476	LAREDO,TX	BELL	47G-4A	SERIOUS
3 3774	N155B	080576	BARNEGAT LIGHT,NJ	ENSTROM	F-28A	NONE
3 3780	N1308X	062276	MASONTOWN,PA	BELL	204-B	SERIOUS
3 3791	N9566F	121476	LONG BEACH,CA	HUGHES	269B	NONE
3 3820	N62401	102376	LAKE WORTH,FL	HILLER	UH-12D	NONE
3 3827	N21DD	120476	CORONA,CA	SCORPION	TOO	FATAL
3 3848	N3575	121276	VANCEVILLE,GA	BELL	47D1	NONE
3 3870	N49669	121176	NMORGAN CITY,LA	BELL	206B	NONE
3 3890	N7901S	071776	PETERSBURG,AK	BELL	47G3B1	FATAL
3 3895	N8513F	061776	OZARK,AL	BELL	204B	SERIOUS



LISTING OF ACCIDENTS  
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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 3898	N9553F	082776	NPENSACOLA,FL	HUGHES	269B	MINOR
3 3908	N48001	090776	HUMPTULIPS,WA	HILLER ACFT	UH-12E	SERIOUS
3 3909	N6712D	091576	CASHMERE,WA	BELL	47G-38	NONE
3 3946	N59568	072976	COLVILLE RIVER,AK	BELL	206B	NONE
3 3955	N9172F	090276	NHAWK INLET,AK	HUGHES	369HS	FATAL
3 3967	N2271U	123176	FAYETTEVILLE,TN	BRANTLY	B2B	NONE
3 3984	N2820	111676	COLUMBUS,OH	ENSTROM	F-28A	MINOR
3 3993	NONE	100276	GULFSTREAM,FL	BENSEN	GYRO	FATAL
3 4001	N1224R	070576	LUTESVILLE,MO	ENSTROM	F-28A	SERIOUS
3 4024	N498H	100876	DESTIN,FL	ENSTROM	F-28	NONE
3 4036	N398EH	101776	CASPER,WY	BELL	B-212	SERIOUS
3 4047	N9563F	090176	HOLMES BEACH,FL	HUGHES	269B	NONE
3 4077	N888D	080976	ENDON,OH	ENSTROM	F-28A	FATAL
3 4078	N9200F	072476	NWOODLAND,IL	HUGHES	369HS	SERIOUS
3 4084	N6965R	121376	NCOWDREY,CO	SIKORSKY	S-64E	SERIOUS
3 4089	N44DS	091176	WAUKEGAN,IL	BRANTLY	B2B	NONE
3 4108	N2201U	091576	TELFORD,PA	BRANTLY	305	NONE
3 4134	N600SW	070576	NCARSON CITY,NV	BELL	206B	FATAL
3 4152	N8561	113076	HARTFORD TWP,OH	SIKORSKY	S58B	SERIOUS
3 4159	N2205W	092576	NMANTUA,UT	BELL	47G382	FATAL
3 4160	N49723	121776	NANCHORAGE,AK	BELL	206L	SERIOUS

LISTING OF ACCIDENTS  
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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
3 4168	N2255U	060876	GREENBURG, PA	BRANTLY	B-2B	NONE
3 4170	N9135F	121176	NPONTIAC, IL	HUGHES	369C	FATAL

NATIONAL TRANSPORTATION SAFETY BOARD

WASHINGTON, D. C. 20594

BRIEFS OF ACCIDENTS

INVOLVING ROTORCRAFT

U.S. GENERAL AVIATION

1976

(IN STATE AND DATE ORDER)

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0322	2/27/76	NR.GUNTERSVILLE,AL	ENSTRON F-28A N9263 DAMAGE-SUBSTANTIAL	CR- 1 0 0 PX- 1 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 29, 1012 TOTAL HOURS, 100 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - GUNTERSVILLE				
		DEPARTURE POINT GUNTERSVILLE,AL	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	CONTROLLED	PHASE OF OPERATION IN FLIGHT LOW PASS		
PROBABLE CAUSE(S)						
PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC.						
PILOT IN COMMAND - PHYSICAL IMPAIRMENT						
MISCELLANEOUS ACTS, CONDITIONS - ALCOHOLIC IMPAIRMENT OF EFFICIENCY AND JUDGMENT						
FACTOR(S)						
MISCELLANEOUS ACTS, CONDITIONS - CONGESTED TRAFFIC-PATTERN						
MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER						
REMARKS- PLT ILL WITH INTESTINAL VIRUS. BLOOD ALCOHOL LVL 0.299 PCT. 2 PAX, BOTH CYCLIC AND COLLECTIVE INSTLD.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0521	3/6/76 TIME - 1345	ENTERPRISE,AL	BELL 47D1 N3109G DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 4	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 54, 7500 TOTAL HOURS, 192 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT ENTERPRISE,AL	INTENDED DESTINATION LOCAL	PHASE OF OPERATION TAXI AERIAL TAXI TO TAKEOFF		
		TYPE OF ACCIDENT COLLIDED WITH OBJECT				
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS						
FACTOR(S) WEATHER - UNFAVORABLE WIND CONDITIONS						
		SKY CONDITION SCATTERED		CEILING AT ACCIDENT SITE UNLIMITED		
		VISIBILITY AT ACCIDENT SITE 5 OR OVER(UNLIMITED)		PRECIPITATION AT ACCIDENT SITE NONE		
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE		TEMPERATURE-F 65		
		WIND DIRECTION-DEGREES 240		WIND VELOCITY-KNOTS 15		
		TYPE OF WEATHER CONDITIONS VFR		TYPE OF FLIGHT PLAN NONE		
REMARKS- ACFT OPERATING FROM SHOPPING CENTER PARKING LOT COLLIDED WITH CURB DRG AIR TAXI FOR TKOF.						
3-2475	6/16/76 TIME - 1130	LACEYS SPRING,AL	HUGHES 269B N9435F DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 28, 3190 TOTAL HOURS, 36 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - SOUTH HUNTSVILLE DEPARTURE POINT LACEYS SPRING,AL	INTENDED DESTINATION LOCAL	PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN		
		TYPE OF ACCIDENT HARD LANDING				
PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER LEVEL OFF PILOT IN COMMAND - MISJUDGED ALTITUDE						
REMARKS- PRACTICE AUTOROTATIONS.TAIL ROOM CUT OFF.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3895	6/17/76 TIME - 1816	OZARK, AL	BELL 204B N8513F DAMAGE-SUBSTANTIAL	CR- 0 2 0 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, AGE 40, 12814 TOTAL HOURS, 133 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - BLACKWELL DEPARTURE POINT OZARK, AL	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE	TAIL ROTOR	PHASE OF OPERATION IN FLIGHT CLIMB TO CRUISE		
PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING AIRFRAME - FUSELAGE WINDSHIELDS, WINDOWS, CANOPIES MISCELLANEOUS ACTS, CONDITIONS - IMPROPERLY SECURED ROTORCRAFT - ROTOR ASSEMBLIES TAIL ROTOR BLADES MISCELLANEOUS - FOREIGN OBJECT DAMAGE						
FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - SEPARATION IN FLIGHT						
REMARKS- EXIT HATCH SEPARATED IN FLT - STRUCK TAIL ROTOR.						
3-1508	6/28/76 TIME - 0545	NATURAL BRIDGE, AL	BELL 47G-4 N1216W DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 29, 2276 TOTAL HOURS, 2076 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT NATURAL BRIDGE, AL	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH TREES		PHASE OF OPERATION TAKEOFF INITIAL CLIMB LANDING POWER-OFF AUTOROTATIVE LANDING		
PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING MISCELLANEOUS ACTS, CONDITIONS - WATER IN FUEL TERRAIN - HIGH OBSTRUCTIONS COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 50 REMARKS- WATER FOUND IN CARBURETOR AFTER CRASH ON FLT TO LOOK OVER FIELD TO BE TREATED.						
				KIND OF OPERATION - CHECKING CROPS/TREES/OBSTRUCTIONS		

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2689	7/24/76 TIME - 1430	CENTRE,AL	BELL 47D1 N29WL DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL INSTR., AGE 28, 3193 TOTAL HOURS, 27 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT CENTRE,AL	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLISION WITH GROUND/WATER CONTROLLED	PHASE OF OPERATION IN FLIGHT PROCEDURE TURNAROUND LANDING LEVEL OFF/TOUCHDOWN			
PROBABLE CAUSE(S) PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL DEFICIENCY, COMPANY MAINTAINED EOPMT, SERVICES, REGULATION MISCELLANEOUS ACTS, CONDITIONS - WATER IN FUEL TERRAIN - ROUGH/UNEVEN COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE						
SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 1800 KIND OF CROP - COTTON PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - AFT OF PILOT ELEVATION-AREA BEING TREATED- FEET - 619 PROCEDURE TURNAROUND - SECOND 1/3 TURN REMARKS- WATER AND FOREIGN MATTER FOUND IN ACFT FUEL TANK. NO PROVISION FOR WATER CHECK IN FIELD REFUEL TANK						
3-3053	9/5/76 TIME - 1800	MIDLAND CITY,AL	HILLER UH-128 N47091 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 40, 7128 TOTAL HOURS, 10 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - PRIVATE HELIPORT	INTENDED DESTINATION LOCAL			
		DEPARTURE POINT MIDLAND CITY,AL	LOCAL			
		TYPE OF ACCIDENT COLLIDED WITH OBJECT COLLISION WITH GROUND/WATER UNCONTROLLED	PHASE OF OPERATION TAKEOFF VERTICAL TAKEOFF ABORTED			
PROBABLE CAUSE(S) MISCELLANEOUS - FOREIGN OBJECT DAMAGE ROTORCRAFT - ROTOR ASSEMBLIES MAIN ROTOR BLADES MISCELLANEOUS ACTS, CONDITIONS - SEPARATION IN FLIGHT FIRE AFTER IMPACT REMARKS- MAIN ROTOR BLADE FAILURE DUE TO IMPACT DAMAGE WITH UNKNOWN OBJECT.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0298	1/4/76 TIME - 0030	KENAI, AK	BELL 206B N59481 DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 1 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 33, 2102 TOTAL HOURS, 102 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - KENAI MUNI DEPARTURE POINT KENAI, AK	INTENDED DESTINATION RETURN		LAST ENROUTE STOP ABOARD SHIP	
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	UNCONTROLLED		PHASE OF OPERATION IN FLIGHT UNCONTROLLED DESCENT	
		PROBABLE CAUSE(S) PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - SPATIAL DISORIENTATION				
		FACTOR(S) WEATHER - LOW CEILING WEATHER - FOG WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY RADIO WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT				
		SKY CONDITION OBSCURATION VISIBILITY AT ACCIDENT SITE 1/4 MILE OR LESS OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG TYPE OF FLIGHT PLAN SPECIAL VFR			CEILING AT ACCIDENT SITE 0 PRECIPITATION AT ACCIDENT SITE NONE TYPE OF WEATHER CONDITIONS BELOW MINIMUMS	
		REMARKS- LOST CTL IN BLD MINIMUM CONDS.				

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0040	1/30/76	NR.CIRCLE,AK TIME - 1847	S.N.A.I.S. SA341G N62176 DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 1 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 34, 2795 TOTAL HOURS, 15 IN TYPE, NOT INSTRU- MENT RATED.
		DEPARTURE POINT KANDIK AIRSTRIP,AK	INTENDED DESTINATION FIELD SITE			
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	UNCONTROLLED	PHASE OF OPERATION IN FLIGHT UNCONTROLLED DESCENT		
		PROBABLE CAUSE(S) PILOT-LOSS OF CONTROL,REASON UNKNOWN FACTOR(S) WEATHER - LOW CEILING WEATHER - SNOW WEATHER - UNFAVORABLE WIND CONDITIONS				
		WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT				
		SKY CONDITION OBSCURATION VISIBILITY AT ACCIDENT SITE 1/4 MILE OR LESS OBSTRUCTIONS TO VISION AT ACCIDENT SITE BLOWING SNOW WIND VELOCITY-KNOTS 18 TYPE OF FLIGHT PLAN NONE		CEILING AT ACCIDENT SITE 100 PRECIPITATION AT ACCIDENT SITE SNOW WIND DIRECTION-DEGREES 240 TYPE OF WEATHER CONDITIONS IFR		
		REMARKS- WEA CHNGD DRASTICALLY AFTER PLT DEPT.				



## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0463	2/2/76	AUGUSTINE ISLD.AK	BELL 206B N90217	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 33, 3100 TOTAL HOURS, 800 IN TYPE, NOT INSTRUMENT RATED.
	TIME - 1515		DAMAGE-SUBSTANTIAL			
	DEPARTURE POINT	AUGUSTINE ISLD,AK	INTENDED DESTINATION		PHASE OF OPERATION	
	TYPE OF ACCIDENT	ENGINE FAILURE OR MALFUNCTION	BASE CAMP ON ISLAND		TAKEDOFF INITIAL CLIMB	
	HARD LANDING				LANDING POWER-OFF AUTOROTATIVE LANDING	
	PROBABLE CAUSE(S)	POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS				
		PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.				
	FACTOR(S)	WEATHER - SNOW				
		PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING				
		MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND				
		COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE				
		WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED				
		WEATHER FORECAST - UNKNOWN/NOT REPORTED				
		EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND				
	SKY CONDITION				CEILING AT ACCIDENT SITE	
	OVERCAST				700	
	VISIBILITY AT ACCIDENT SITE				PRECIPITATION AT ACCIDENT SITE	
	1 MILE OR LESS				SNOW	
	OBSTRUCTIONS TO VISION AT ACCIDENT SITE				TEMPERATURE-F	
	BLOWING SNOW				30	
	WIND DIRECTION-DEGREES				WIND VELOCITY-KNOTS	
	350				30	
	TYPE OF WEATHER CONDITIONS				TYPE OF FLIGHT PLAN	
	VFR				VFR	
	REMARKS- BLOWING SNOW & VOLCANIC ASH IN AREA. GUSTING TO 45K.					
3-2653	3/26/76	NR.HEALY.AK	HILLER ACFT FH1100 N754F	CR- 0 0 1 PX- 0 0 1	MISCELLANEOUS OTHER PUBLIC	COMMERCIAL, FL.INSTR., AGE 31, 4255 TOTAL HOURS, 8 IN TYPE, INSTRUMENT RATED.
	TIME - 1300		DAMAGE-DESTROYED			
	DEPARTURE POINT	GOLD KING,AK	INTENDED DESTINATION		LAST ENROUTE STOP	
	TYPE OF ACCIDENT	COLLISION WITH GROUND/WATER	JUMBO DOME AREA		UNKNOWN/NOT REPORTED	
		UNCONTROLLED			PHASE OF OPERATION	
					IN FLIGHT OTHER	
	PROBABLE CAUSE(S)	PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS				
		FIRE AFTER IMPACT				
	REMARKS- STATE WOLF CONTROL.					

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA
				F	S	M/N		
3-1813	5/9/76 TIME - 2130	KANDIK AK	HUGHES 369 N500HC DAMAGE-SUBSTANTIAL	CR- PX-	0 0	0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 27, 4100 TOTAL HOURS, 1000 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - KANDIK DEPARTURE POINT KANDIK CAMP 2 TYPE OF ACCIDENT DITCHING HARD LANDING	INTENDED DESTINATION KANDIK AK				PHASE OF OPERATION LANDING POWER-ON LANDING LANDING POWER-ON LANDING	
		PROBABLE CAUSE(S) POWERPLANT - TURBINE ASSEMBLY BLADE, TURBINE WHEEL MISCELLANEOUS ACTS, CONDITIONS - OVERHEATED REMARKS- ENG OVR TEMP SITUATIONS N/R.						
3-2628	5/25/76 TIME - 1545	NR. BIRCHWOOD, AK	BELL 47D-1 N117B DAMAGE-SUBSTANTIAL	CR- PX-	0 1	0 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 35, 3070 TOTAL HOURS, 105 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - BIRCHWOOD DEPARTURE POINT FIELD SITE TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLISION WITH GROUND/WATER CONTROLLED	INTENDED DESTINATION ANCHORAGE, AK				PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING POWER-OFF AUTOROTATIVE LANDING	
		PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER REMARKS- LND IN 5FT OF WATER. PAX DROWNED.						
3-0884	6/3/76 TIME - 1630	COLDFOOT, AK	BELL 206B N9018B DAMAGE-SUBSTANTIAL	CR- PX-	0 0	0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 34, 7050 TOTAL HOURS, 300 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - COLDFOOT DEPARTURE POINT FIELD SITE TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING	INTENDED DESTINATION COLDFOOT, AK				PHASE OF OPERATION IN FLIGHT HOVERING LANDING POWER-OFF AUTOROTATIVE LANDING	
		PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING MISCELLANEOUS ACTS, CONDITIONS - FUEL EXHAUSTION PILOT IN COMMAND - IMPROPER LEVEL OFF COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP.T. REMARKS- BENT TAIL BOOM						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1689	6/11/76 TIME - 1600	NR.TALKEETNA,AK	BELL 206B N39AL DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	MISCELLANEOUS OTHER PUBLIC	COMMERCIAL, AGE 48, 10454 TOTAL HOURS, 1300 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT FIELD SITE	INTENDED DESTINATION TALKEETNA,AK			PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING POWER-OFF AUTOROTATIVE LANDING	
	TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH DIRT BANK					
	PROBABLE CAUSE(S) POWERPLANT - FUEL SYSTEM FUEL CONTROL MISCELLANEOUS ACTS,CONDITIONS - FUEL CONTAMINATION-EXCLUSIVE OF WATER IN FUEL					
	FACTOR(S) TERRAIN - HIDDEN OBSTRUCTIONS POWERPLANT - FUEL SYSTEM PUMP,FUEL COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- FUEL CONTAMINATION OCCURRED AT UNDET TIME. HIT MOUND IN MARSH GRASS.					
3-1810	6/11/76 TIME - 1030	BIRD MOUNTAIN,AK	AEROSPATLE SA318C N3043 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 4	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 28, 2150 TOTAL HOURS, 267 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT ANCHORAGE,AK	INTENDED DESTINATION BIRD MOUNTAIN,AK			LAST ENROUTE STOP BIRD MOUNTAIN,AK PHASE OF OPERATION LANDING POWER-ON LANDING	
	TYPE OF ACCIDENT HARD LANDING					
	PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS					
	FACTOR(S) PILOT IN COMMAND - EXERCISED POOR JUDGMENT					
3-2184	6/28/76 TIME - 1000	EAGLE,AK	BELL 206B N2953W DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL CONSTRUCTION	AIRLINE TRANSPORT, AGE 32, 6295 TOTAL HOURS, 500 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT GLACIER PEAK,AK	INTENDED DESTINATION LOCAL			LAST ENROUTE STOP EAGLE,AK PHASE OF OPERATION IN FLIGHT HOVERING IN FLIGHT HOVERING	
	TYPE OF ACCIDENT ROLL OVER COLLIDED WITH TREES					
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.					
	FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS REMARKS- PLT HOVERING TO PICK UP LOAD					

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA
				F	S	M/N		
3-2664	6/30/76	NR.PALMER,AK TIME - 1600	BELL 206B N58013 DAMAGE-DESTROYED	CR- 1 0 0			COMMERCIAL	AIRLINE TRANSPORT, AGE 36, 3780 TOTAL HOURS, 231 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT GULKANA,AK TYPE OF ACCIDENT ROLL OVER	INTENDED DESTINATION ANCHORGGIAK				LAST ENROUTE STOP PALMER,AK PHASE OF OPERATION LANDING POWER-ON LANDING	
		PROBABLE CAUSE(S) PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN FIRE AFTER IMPACT REMARKS- ATTEMPTED TO LAND ON STEEP ROCKY RIDGE.						
3-1815	7/9/76	NR.JUNEAU,AK TIME - 0755	HUGHES 369HS N555T DAMAGE-SUBSTANTIAL	CR- 0 1 0			COMMERCIAL	COMMERCIAL, AGE 32, 3624 TOTAL HOURS, 720 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT JUNEAU,AK TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH TREES	INTENDED DESTINATION LOCAL				PHASE OF OPERATION LANDING TRAFFIC PATTERN-CIRCLING LANDING POWER-OFF AUTOROTATIVE LANDING	
		PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE,SERVICING,INSPECTION IMPROPERLY SERVICED AIRCRAFT (GROUND CREW) MISCELLANEOUS ACTS,CONDITIONS - FUEL CONTAMINATION-EXCLUSIVE OF WATER IN FUEL FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
3-3890	7/17/76	PETERSBURG,AK TIME - UNK/NR	BELL 47G3B1 N7901S DAMAGE-DESTROYED	CR- 1 0 0			NONCOMMERCIAL	COMMERCIAL, AGE 29, 3700 TOTAL HOURS, 600 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT BIG JOHN BAY,AK TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE TAIL ROTOR	INTENDED DESTINATION PETERSBURG,AK				PHASE OF OPERATION IN FLIGHT OTHER	
		PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION ROTORCRAFT - ROTOR ASSEMBLIES TAIL ROTOR BLADES MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT FIRE AFTER IMPACT REMARKS- T/R BLADES 22.1HRS PAST MANDATORY CHANGE TIME.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3946	7/29/76 TIME - 1000	COLVILLE RIVER, AK	BELL 206B N5956A DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 28, 2582 TOTAL HOURS, 470 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT COLEVILLE RIVER, AK	INTENDED DESTINATION DEADHORSE, AK			PHASE OF OPERATION IN FLIGHT HOVERING	
	TYPE OF ACCIDENT ROLL OVER					
	PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS					
3-2749	7/30/76 TIME - 1630	NR. WRANGELL, AK	HILLER UH12EJ N96TH DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, AGE 28, 4200 TOTAL HOURS, 650 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT GROUND HOG BASIN AK	INTENDED DESTINATION ADIT MINE AK			PHASE OF OPERATION LANDING POWER-ON LANDING	
	TYPE OF ACCIDENT ROLL OVER					
	PROBABLE CAUSE(S) PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN FACTOR(S) PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT REMARKS- PLT SET A/C L FLOAT ON ROCK OUTCROP W R FLOAT ON SNOWBANK. M/R HIT SNOWBANK.					
3-1817	8/5/76 TIME - 1430	NR. SKAGWAY, AK	HUGHES 369 N9079F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG.	COMMERCIAL, AGE 27, 3020 TOTAL HOURS, 680 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT SKAGWAY, AK	INTENDED DESTINATION FIELD SITE			PHASE OF OPERATION LANDING POWER-ON LANDING	
	TYPE OF ACCIDENT COLLIDED WITH OBJECT					
	PROBABLE CAUSE(S) PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS REMARKS- M/R BLADES HIT CLIFF.					

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA	
				F	S	M/N			
3-1792	8/15/76 TIME - 1930	SHEEP MOUNTAIN, AK	HILLER ACFT UH12EJ N4707B DAMAGE-DESTROYED	CR- PX-	1 0	0 0	MISCELLANEOUS FERRY	COMMERCIAL, AGE 39, 5856 TOTAL HOURS, 82 IN TYPF, NOT INSTRUMENT RATED.	
	DEPARTURE POINT ORANGE HILLS, AK TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES		INTENDED DESTINATION PALMER, AK				LAST ENROUTE STOP GULKANA, AK PHASE OF OPERATION IN FLIGHT NORMAL CRUISE		
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS REMARKS- HIT UNMARKED PWR LINES ABT 175FT AGL IN MTN PASS.								
3-3955	9/2/76 TIME - 1715	NR.HAWK INLET, AK	HUGHES 369HS N9172F DAMAGE-DESTROYED	CR- PX-	1 2	0 1	0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL. INSTR., AGE 37, 6709 TOTAL HOURS, 367 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT EXPLORATION CAMP TYPE OF ACCIDENT COLLIDED WITH TREES		INTENDED DESTINATION HAWK INLET, AK				PHASE OF OPERATION IN FLIGHT CLIMB TO CRUISE		
	PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE, SPEED, ALTITUDE OR CLEARANCE PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. FACTOR(S) WEATHER - DOWNDRAFT, UPDRAFTS TERRAIN - OTHER								
	SKY CONDITION OVERCAST VISIBILITY AT ACCIDENT SITE UNKNOWN/NOT REPORTED OBSTRUCTIONS TO VISION AT ACCIDENT SITE UNKNOWN/NOT REPORTED WIND VELOCITY-KNOTS 30 TYPE OF FLIGHT PLAN VFR FIRE AFTER IMPACT REMARKS- RIDGES ON BOTH SIDES OF VALLEY.						CEILING AT ACCIDENT SITE UNKNOWN/NOT REPORTED PRECIPITATION AT ACCIDENT SITE UNKNOWN/NOT REPORTED WIND DIRECTION-DEGREES 210 TYPE OF WEATHER CONDITIONS VFR		

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2643	9/13/76 TIME - 1630	NR.DRIFT RIVER,AK	BELL 205A-1 N58116 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 3	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 31, 2325 TOTAL HOURS, 2150 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT DRIFT RIVER,AK TYPE OF ACCIDENT ROLL OVER				LAST ENROUTE STOP FIELD SITE PHASE OF OPERATION LANDING POWER-ON LANDING		
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.						
FACTOR(S) PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS WEATHER - UNFAVORABLE WIND CONDITIONS WEATHER - DOWNDRAFT,UPDRAFTS TERRAIN - ROUGH/UNEVEN WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED WEATHER FORECAST - UNKNOWN/NOT REPORTED						
SKY CONDITION OVERCAST VISIBILITY AT ACCIDENT SITE 5 OR OVER(UNLIMITED) OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE WIND VELOCITY-KNOTS 10 TYPE OF FLIGHT PLAN OTHER				CEILING AT ACCIDENT SITE 6000 PRECIPITATION AT ACCIDENT SITE RAIN SHOWERS WIND DIRECTION-DEGREES 90 TYPE OF WEATHER CONDITIONS VFR		
REMARKS- PLT RPRTD WIND GUSTING 15K.WIND ESTIMATED 50-60K AFTR ACCIDENT.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2753	9/14/76	NR. JUNEAU AK	BELL 206B N374EH DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 29, 4697 TOTAL HOURS, 2040 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT FIELD SITE TYPE OF ACCIDENT COLLIDED WITH TREES	INTENDED DESTINATION JUNEAU, AK		PHASE OF OPERATION TAKEOFF INITIAL CLIMB	
		PROBABLE CAUSE(S) WEATHER - WIND SHEAR WEATHER - DOWNDRAFT, UPDRAFTS FACTOR(S) PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND SUSPECTED OR KNOWN AIRCRAFT DAMAGE				
		SKY CONDITION BROKEN VISIBILITY AT ACCIDENT SITE 5 OR OVER (UNLIMITED) OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE WIND VELOCITY-KNOTS 35 TYPE OF FLIGHT PLAN NONE			CEILING AT ACCIDENT SITE 2000 PRECIPITATION AT ACCIDENT SITE NONE WIND DIRECTION-DEGREES 150 TYPE OF WEATHER CONDITIONS VFR	
		REMARKS- DURING PINNACLE DEPT ACFT ENCOUNTERED SEVERE DOWNDRAFTS, DESCENDED & HIT TREES & VEGETATION.				



## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3315	9/27/76	NR.ANGOON,AK TIME - 1550	HUGHES 369HS N9098F DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 3 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 27, 2339 TOTAL HOURS, 1279 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT ANGOON,AK	INTENDED DESTINATION RETURN	LAST ENROUTE STOP FIELD SITE		
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH TREES		PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING POWER-OFF AUTOROTATIVE LANDING		
PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS OTHER MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION WEATHER - DOWNDRAFT,UPDRAFTS						
FACTOR(S) PILOT IN COMMAND - ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT TERRAIN - HIGH OBSTRUCTIONS COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
		SKY CONDITION BROKEN		CEILING AT ACCIDENT SITE 1500		
		VISIBILITY AT ACCIDENT SITE 4 MILES OR LESS		PRECIPITATION AT ACCIDENT SITE NONE		
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE		TYPE OF WEATHER CONDITIONS VFR		
		TYPE OF FLIGHT PLAN NONE				
REMARKS- N2 RPM EXCEEDED RED LINE CAUSING GOV TO SHUT OFF FUEL SUPPLY. PLT PREV PULLED ENG-OUT WARNING CB.						
3-2970	10/19/76	NR.VALDEZ,AK TIME - 1315	BELL 206B N2955W DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 35, 4280 TOTAL HO'RS, 600 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT SHEEP CREEK,AK	INTENDED DESTINATION VALDEZ,AK	PHASE OF OPERATION LANDING POWER-ON LANDING		
		TYPE OF ACCIDENT ROLL OVER				
PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED CLEARANCE MISCELLANEOUS ACTS,CONDITIONS - WHITEOUT						
FACTOR(S) TERRAIN - SNOW-COVERED						
REMARKS- M/R BLADE HIT SLOPE. FLAT LIGHTING ON SNOW.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3323	11/17/76 TIME - 1315	NR.FLAXMAN ISLAND,AK	BELL 206B N372EH DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 3	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 26, 3530 TOTAL HOURS, 1028 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT DEADHORSE,AK TYPE OF ACCIDENT HARD LANDING ROLL OVER	INTENDED DESTINATION RETURN			LAST ENROUTE STOP FLAXMAN ISLAND,AK PHASE OF OPERATION LANDING POWER-ON LANDING LANDING POWER-ON LANDING	
	PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING PILOT IN COMMAND - SPATIAL DISORIENTATION FACTOR(S) WEATHER - LOW CEILING WEATHER - FOG MISCELLANEOUS ACTS,CONDITIONS - WHITEOUT WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - UNKNOWN/NOT REPORTED EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT ADVERSE/UNFAVORABLE WEATHER					
	SKY CONDITION OBSCURATION VISIBILITY AT ACCIDENT SITE 1 MILE OR LFSS OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG TYPE OF WEATHER CONDITIONS BELOW MINIMUMS REMARKS- PLT ATTEMPTED TRANSITION TO INSTRUMENT FLT, EXPERIENCED VERTIGO & LNDD ON ICE FLOW.				CEILING AT ACCIDENT SITE UNKNOWN/NOT REPORTED PRECIPITATION AT ACCIDENT SITE UNKNOWN/NOT REPORTED TEMPERATURE-F 6 TYPE OF FLIGHT PLAN VFR	
3-4160	12/17/76 TIME - 1713	NR.ANCHORAGE,AK	BELL 206L N49723 DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 3 0	COMMERCIAL OTHER	COMMERCIAL, FL.INSTR., AGE 29, 3200 TOTAL HOURS, 2701 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT ANCHORAGE,AK TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING	INTENDED DESTINATION LOCAL			PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING POWER-OFF AUTOROTATIVE LANDING	
	PROBABLE CAUSE(S) PERSONNEL - PRODUCTION-DESIGN-PERSONNEL POOR/INADEQUATE DESIGN POWERPLANT - TURBINE ASSEMBLY BLADE,TURBINE WHEEL MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. FACTOR(S) TERRAIN - HIGH VEGETATION COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- LOW LEVEL 180DEG AUTOROTATION.					

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0142	1/29/76 TIME - 1215	NR.MARICOPA,AZ	S.N.A.I.S SA316B N8622 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL CTR PASSG-D	COMMERCIAL, AGE 37, 8949 TOTAL HOURS, 900 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT MARICOPA,AZ		INTENDED DESTINATION RETURN		LAST ENROUTE STOP DRILL PLATFORM	
	TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE HARD LANDING		TAIL ROTOR		PHASE OF OPERATION IN FLIGHT HOVERING LANDING POWER-OFF AUTOROTATIVE LANDING	
	PROBABLE CAUSE(S) ROTORCRAFT - FLIGHT CONTROL SYSTEMS TAIL ROTOR PITCH CONTROL SYSTEM MISCELLANEOUS ACTS,CONDITIONS - DISCONNECTED MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION					
	FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- MOVING CORE DRILLING MATERIALS.CONTROL CABLE FAILED. HAD TO CLR CLIFF DRG AUTOROTATION.					
3-0143	2/13/76 TIME - 1404	PHOENIX,AZ	BELL 47G-2 N5181B DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 1 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 51, 345 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT PHOENIX,AZ		INTENDED DESTINATION LOCAL		PHASE OF OPERATION TAKOFF VERTICAL	
	TYPE OF ACCIDENT COLLIDED WITH OBJECT					
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS PILOT IN COMMAND - PHYSICAL IMPAIRMENT MISCELLANEOUS ACTS,CONDITIONS - ALCOHOLIC IMPAIRMENT OF EFFICIENCY AND JUDGMENT					
	FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS REMARKS- HIT LT STANDARD IN SHOPPING CENTER LOT. DMGD 10 CARS. PLT BLOOD ALCOHOL LVL 0.13%.					

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA	
				F	S	M/N			
3-1827	5/11/76	SOMERTON, AZ	HILLER ACFT UH-12E N9278Z DAMAGE-SUBSTANTIAL	CR- PX-	0 0	0 0	1 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL. INSTR., AGE 56, 15800 TOTAL HOURS, 2830 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT SOMERTON, AZ	INTENDED DESTINATION LOCAL	PHASE OF OPERATION IN FLIGHT SWATH RUN LANDING POWER-OFF AUTOROTATIVE LANDING					
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING							
		PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - MISHANAGEMENT OF FUEL MISCELLANEOUS ACTS, CONDITIONS - FUEL EXHAUSTION							
		FACTOR(S) TERRAIN - ROUGH/UNEVEN EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND							
		SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 9999 KIND OF CROP - OTHER PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED GOGGLES - NOT USED COCKPIT CRASHPAD - INSTALLED TANK/HOPPER-LOCATION - SIDES ELEVATION-AREA BEING TREATED- FEET - 150 REMARKS- SPRAYING WEEDS.		KIND OF OPERATION - SPRAYING CROPS TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC GLOVES - NOT USED CRASH HELMET - AVAILABLE USED CRASH BAR - INSTALLED TERRAIN-TYPE - HILLY SWATH RUN-HOW FLOWN - WIND CALM					
3-1832	3/30/76	JONESBORO, AR	BELL 47G-2 N8422E DAMAGE-SUBSTANTIAL	CR- PX-	0 0	0 0	2 0	INSTRUCTIONAL CHECK	ATP, FLIGHT INSTR., AGE 47, 10253 TOTAL HOURS, 37 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - JONESBORO DEPARTURE POINT JONESBORO, AR	INTENDED DESTINATION LOCAL	PHASE OF OPERATION LANDING POWER-OFF AUTOROTATIVE LANDING					
		TYPE OF ACCIDENT HARD LANDING							
		PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS							
		FACTOR(S) CHECK PILOT - INADEQUATE SUPERVISION OF FLIGHT PILOT IN COMMAND - SPONTANEOUS-IMPROPER ACTION							

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1551	6/17/76	RAVENDEN, AR	BELL 47B N1638 DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 49, 6900 TOTAL HOURS, 1800 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT RAVENDEN, AR	INTENDED DESTINATION LOCAL	PHASE OF OPERATION IN FLIGHT PULLUP FROM SWATH RUN		
		TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES				
PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED CLEARANCE						
FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - SUNGLARE						
SPECIAL DATA						
TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED			KIND OF OPERATION - SPRAYING FORESTS			
KIND OF CROP - FOREST-TREES			TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC			
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED			GLOVES - NOT USED			
GOGGLES - NOT USED			CRASH HELMET - AVAILABLE-NOT USED			
COCKPIT CRASHPAD - NOT INSTALLED			CRASH BAR - NOT INSTALLED			
TANK/HOPPER-LOCATION - UNKNOWN/NOT REPORTED			TERRAIN-TYPE - HILLY			
ELEVATION-AREA BEING TREATED- FEET - 500			SWATH RUN-HOW FLOWN - WIND CALM			
REMARKS- SPRAY BOOM HIT PWR LINE.						
3-1547	7/1/76	BEEDEVILLE, AR	BELL 47G-2 N64877 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 32, 3700 TOTAL HOURS, 200 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT BEEDEVILLE, AR	INTENDED DESTINATION LOCAL	PHASE OF OPERATION IN FLIGHT PROCEDURE TURNAROUND LANDING POWER-OFF AUTOROTATIVE LANDING		
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING				
PROBABLE CAUSE(S) POWERPLANT - IGNITION SYSTEM SPARK PLUG						
MISCELLANEOUS ACTS, CONDITIONS - CARBON DEPOSITS						
PERSONNEL - MAINTENANCE, SERVICING, INSPECTION INADEQUATE MAINTENANCE AND INSPECTION						
PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE						
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE						
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
SPECIAL DATA						
TOTAL HOURS IN CROP CONTROL - 1800			KIND OF OPERATION - SPRAYING CROPS			
KIND OF CROP - RICE			TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC			
PILOT'S SEAT BELT - FASTENED-PROPERLY			GLOVES - NOT USED			
GOGGLES - NOT USED			CRASH HELMET - AVAILABLE USED			
COCKPIT CRASHPAD - NOT INSTALLED			CRASH BAR - NOT INSTALLED			
TANK/HOPPER-LOCATION - SIDES			TERRAIN-TYPE - LEVEL, FLAT			
ELEVATION-AREA BEING TREATED- FEET - 230			SWATH RUN-HOW FLOWN - WIND CALM			
REMARKS- PLUGS FOULED IN 3 CYLS.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA
				F	S	M/N		
3-2307	7/10/76	NR, CORNING, AR TIME - 0757	QUINN MK-5A NR429 DAMAGE-DESTROYED	CR- 0	1	0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 34, 5000 TOTAL HOURS, 200 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT CORNING, AR TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE	INTENDED DESTINATION LOCAL TAIL ROTOR				PHASE OF OPERATION IN FLIGHT PULLUP FROM SWATH RUN	
		PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED FACTOR(S) ROTORCRAFT - ROTOR ASSEMBLIES MISCELLANEOUS ACTS, CONDITIONS - SEPARATION IN FLIGHT MISCELLANEOUS ACTS, CONDITIONS - MISSING EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
		SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 500 KIND OF CROP - RICE PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - SIDES ELEVATION-AREA BEING TREATED- FEET - 375 REMARKS- NO SHIMS WERE FOUND UNDER HUB BOLT.					KIND OF OPERATION - SPRAYING CROPS TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC GLOVES - NOT USED CRASH HELMET - AVAILABLE USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - LEVEL, FLAT SWATH RUN-HOW FLOWN - WIND CALM	
3-2305	8/6/76	LAKE CITY, AR TIME - 2330	HILLER ACFT FH1100 N441FH DAMAGE-DESTROYED	CR- 0	0	1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 34, 2642 TOTAL HOURS, 6 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT LAKE CITY, AR TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING	INTENDED DESTINATION LOCAL				PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING POWER-OFF AUTOROTATIVE LANDING	
		PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE FACTOR(S) TERRAIN - ROUGH/UNEVEN COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND FIRE AFTER IMPACT						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2047	8/6/76 TIME - 1730	HARRISBURG, AR	BELL 47G-2 N5174B DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 44, 13689 TOTAL HOURS, 700 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - B&C AIRSTRIP				
		DEPARTURE POINT HARRISBURG, AR	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT HARD LANDING			PHASE OF OPERATION LANDING POWER-OFF AUTOROTATIVE LANDING	
		PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE				
3-2190	8/21/76 TIME - 1445	TUCKERMAN, AR	BELL 47H-1 N981B DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL. INSTR., AGE 30, 5980 TOTAL HOURS, 29 IN TYPE, NOT INSTRU- MENT RATED.
		NAME OF AIRPORT - JONES FARM				
		DEPARTURE POINT TUCKERMAN, AR	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION FIRE OR EXPLOSION IN FLIGHT			PHASE OF OPERATION IN FLIGHT CLIMB TO CRUISE IN FLIGHT CLIMB TO CRUISE	
		PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - FIRE IN CABIN, COCKPIT, BAGGAGE COMPARTMENT MISCELLANEOUS - SMOKE IN COCKPIT PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT SUSPECTED MECHANICAL DISCREPANCY				
		FIRE AFTER IMPACT REMARKS- ENG MALF, CAUSE OF FIRE NOT DETERMINED DUE TO FIRE DAMAGE.				

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0151	1/1/76 TIME - 0145	NR.CAPISTRANO,CA	BELL 47D-1 N9673Z DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 38, 996 TOTAL HOURS, 96 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT CAPISTRANO,CA TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH TREES		INTENDED DESTINATION LOCAL		PHASE OF OPERATION IN FLIGHT SWATH RUN LANDING LEVEL OFF/TOUCHDOWN	
	PROBABLE CAUSE(S) POWERPLANT - IGNITION SYSTEM SPARK PLUG MISCELLANEOUS ACTS,CONDITIONS - CARBON DEPOSITS PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING MISCELLANEOUS ACTS,CONDITIONS - WATER IN FUEL					
	FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- ANTI-FROST CTL. LND IN LEMON TREES.					
3-0149	1/13/76 TIME - 1205	SACRAMENTO,CA	BELL 47D-1 N2134 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 31, 475 TOTAL HOURS, 148 IN TYPE, NOT INSTRU- MENT RATED.
	NAME OF AIRPORT - JENSEN DEPARTURE POINT SACRAMENTO,CA TYPE OF ACCIDENT ROLL OVER		INTENDED DESTINATION LOCAL		PHASE OF OPERATION TAKEOFF VERTICAL	
	PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING REMARKS- ACFT TETHERED TO TRAILER BY CABLE ACROSS FRONT OF R SKID.					
3-0577	3/7/76 TIME - 1400	NR.HOLTVILLE,CA	BENSEN RBM N21CF DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PRACTICE	STUDENT, AGE 49, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIRPORT - HOLTVILLE DEPARTURE POINT HOLTVILLE,CA TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE MAIN ROTOR COLLISION WITH GROUND/WATER UNCONTROLLED		INTENDED DESTINATION LOCAL		PHASE OF OPERATION LANDING FINAL APPROACH IN FLIGHT UNCONTROLLED DESCENT	
	PROBABLE CAUSE(S) ROTORCRAFT - ROTOR ASSEMBLIES MAIN ROTOR BLADES MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE REMARKS- WOODEN PROPELLER AND A MAIN ROTOR BLADE CAME IN CONTACT WITH EACH OTHER. BLADES FOLDED UP.					



BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1013	3/10/76 TIME - 1243	STOCKTON,CA	BELL 47G-2 N9195F DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	NONCOMMERCIAL PRACTICE	COMMERCIAL, AGE 66, 25000 TOTAL HOURS, 7000 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT STOCKTON,CA	INTENDED DESTINATION LOCAL			PHASE OF OPERATION IN FLIGHT PROCEDURE TURNAROUND LANDING POWER-ON LANDING	
	TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE HARD LANDING	MAIN ROTOR				
	PROBABLE CAUSE(S) ROTORCRAFT - FLIGHT CONTROL SYSTEMS MISCELLANEOUS ACTS,CONDITIONS - ELONGATED MISCELLANEOUS ACTS,CONDITIONS - DISCONNECTED					
	REMARKS- FAM FLT PRIOR TO AG OPS. COLLECTIVE PITCH BELLCRANK CAME LOOSE. SETTLED TO GRND. NO LOAD ABD.					
3-0476	3/12/76 TIME - 1545	SAN DIEGO,CA	SCORPION T00 N5258G DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS TEST	COMMERCIAL, AGE 58, 226 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIRPORT - BROWN FIELD MUNI DEPARTURE POINT SAN DIEGO,CA	INTENDED DESTINATION LOCAL			PHASE OF OPERATION IN FLIGHT HOVERING	
	TYPE OF ACCIDENT ROLL OVER					
	PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS WEATHER - UNFAVORABLE WIND CONDITIONS FACTOR(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED WEATHER FORECAST - UNKNOWN/NOT REPORTED					
	SKY CONDITION CLEAR				CEILING AT ACCIDENT SITE UNLIMITED	
	VISIBILITY AT ACCIDENT SITE 5 OR OVER(UNLIMITED)				PRECIPITATION AT ACCIDENT SITE NONE	
	OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE				RELATIVE BEARING OF WIND RIGHT QUARTERING HEAD WIND 023-067 DEGREES	
	TEMPERATURE-F 62				WIND DIRECTION-DEGREES 185	
	WIND VELOCITY-KNOTS 13				TYPE OF WEATHER CONDITIONS VFR	
	TYPE OF FLIGHT PLAN NONE					
	REMARKS- GUSTING TO 18K. CHECKING FOR VIBRATION IN ROTOR SYSTEM.					

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1577	3/14/76 TIME - 1145	CORONA, CA	SCORPION TWO N7043 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL INSTR., AGE 27, 1876 TOTAL HOURS, 11 IN TYPE, NOT INSTRU- MENT RATED.
		NAME OF AIRPORT - CORONA DEPARTURE POINT CORONA, CA TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE MAIN ROTOR COLLISION WITH GROUND/WATER UNCONTROLLED	INTENDED DESTINATION LOCAL	PHASE OF OPERATION IN FLIGHT OTHER IN FLIGHT UNCONTROLLED DESCENT		
PROBABLE CAUSE(S) ROTORCRAFT - FLIGHT CONTROL SYSTEMS CYCLIC PITCH CONTROL SYSTEM MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE REMARKS- LOSS OF CYCLIC CTL FOR UNDET REASON.						
3-0756	3/31/76 TIME - 1230	NR. SAN CARLOS, CA	ENSTRON F-28A N9577 DAMAGE-DESTROYED	CR- 0 0 2 PX- 0 0 0	MISCELLANEOUS TEST	CERTIFICATE UNKNOWN, AGE 30, 1055 TOTAL HOURS, 7 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - SAN CARLOS DEPARTURE POINT SAN CARLOS, CA TYPE OF ACCIDENT ROLL OVER	INTENDED DESTINATION LOCAL	PHASE OF OPERATION LANDING POWER-ON LANDING		
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS FACTOR(S) WEATHER - UNFAVORABLE WIND CONDITIONS WEATHER BRIEFING - OTHER WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT						
		SKY CONDITION BROKEN VISIBILITY AT ACCIDENT SITE 5 OR OVER (UNLIMITED) OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE WIND DIRECTION-DEGREES 285 TYPE OF WEATHER CONDITIONS VFR REMARKS- RECEIVED WINDS FROM TOWER. GUSTING TO 30K.		CEILING AT ACCIDENT SITE 2000 PRECIPITATION AT ACCIDENT SITE NONE TEMPERATURE-F 55 WIND VELOCITY-KNOTS 20 TYPE OF FLIGHT PLAN NONE		

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1340	4/1/76 TIME - 0950	NEWHALL, CA	BELL 206A N4054G DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL. INSTR., AGE 57, 14000 TOTAL HOURS, 3500 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT VAN NUYS, CA	INTENDED DESTINATION RETURN			LAST ENROUTE STOP NEWHALL, CA	
	TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING				PHASE OF OPERATION LANDING GO-AROUND LANDING POWER-OFF AUTOROTATIVE LANDING	
	PROBABLE CAUSE(S) POWERPLANT - TURBINE ASSEMBLY WHEEL TURBINE MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE MISCELLANEOUS ACTS, CONDITIONS - OVERHEATED COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- SECTION OF FIRST STAGE TURBINE WHEEL FAILED. TOO LOW FOR SAFE AUTOROTATION.					
3-1699	4/4/76 TIME - 0830	BLYTHE, CA	ENSTRON F-28A N2690 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL. INSTR., AGE 36, 7590 TOTAL HOURS, 0 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT BLYTHE, CA	INTENDED DESTINATION LOCAL				
	TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE HARD LANDING	TAIL ROTOR			PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING POWER-OFF AUTOROTATIVE LANDING	
	PROBABLE CAUSE(S) ROTORCRAFT - ROTOR ASSEMBLIES TAIL ROTOR BLADES MISCELLANEOUS ACTS, CONDITIONS - FATIGUE FRACTURE FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - SEPARATION IN FLIGHT EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND					
3-3512	4/5/76 TIME - 2230	PASADENA, CA	ENSTRON F-28A N9576 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	MISCELLANEOUS POLICE PATROL	COMMERCIAL, AGE 29, 674 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT PASADENA, CA	INTENDED DESTINATION LOCAL				
	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 - MATERIAL FAILURE PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- FORCED LOG ON FREEWAY AT NIGHT, NR 2 CYL CON ROD CAP BOLT FAILED.					

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA	
				F	S	M/N			
3-1139	4/7/76 TIME - 1335	LANCASTER, CA	BELL 47D-1 N917B DAMAGE-SUBSTANTIAL	CR- 0	0	2	INSTRUCTIONAL DUAL	COMMERCIAL, FL. INSTR., AGE 31, 2644 TOTAL HOURS, 332 IN TYPE, NOT INSTRUMENT RATED.	
NAME OF AIRPORT - FOX FIELD DEPARTURE POINT LANCASTER, CA TYPE OF ACCIDENT ROLL OVER			INTENDED DESTINATION LOCAL	PHASE OF OPERATION LANDING POWER-OFF AUTOROTATIVE LANDING					
PROBABLE CAUSE(S) DUAL STUDENT - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT									
FACTOR(S) WEATHER - UNFAVORABLE WIND CONDITIONS WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED WEATHER FORECAST - UNKNOWN/NOT REPORTED									
SKY CONDITION CLEAR VISIBILITY AT ACCIDENT SITE 5 OR OVER (UNLIMITED) OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE TEMPERATURE-F 71 WIND VELOCITY-KNOTS 19 TYPE OF FLIGHT PLAN NONE			CEILING AT ACCIDENT SITE UNLIMITED PRECIPITATION AT ACCIDENT SITE NONE RELATIVE BEARING OF WIND RIGHT CROSS WIND 068-112 DEGREES WIND DIRECTION-DEGREES 220 TYPE OF WEATHER CONDITIONS VFR						
REMARKS- PRACTICE AUTOROTATIONS FROM 4FT HOVER.									

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1568	4/29/76	NR.COALINGA.CA	BELL 47G3B1 N73959 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 31, 4009 TOTAL HOURS, 809 IN TYPE, NOT INSTRU- MENT RATED.
		DEPARTURE POINT COALINGA.CA	INTENDED DESTINATION LOCAL		PHASE OF OPERATION IN FLIGHT PROCEDURE TURNAROUND	
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLISION WITH GROUND/WATER CONTROLLED			LANDING POWER-OFF AUTOROTATIVE LANDING	
PROBABLE CAUSE(S) ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM FREE WHEEL UNIT MISCELLANEOUS ACTS.CONDITIONS - MATERIAL FAILURE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
SPECIAL DATA						
TOTAL HOURS IN CROP CONTROL - 118			KIND OF OPERATION - SPRAYING CROPS			
KIND OF CROP - PASTURE			TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC			
PILOT'S SEAT BELT - FASTENED-PROPERLY			GLOVES - NOT USED			
GOGGLES - NOT USED			CRASH HELMET - AVAILABLE USED			
COCKPIT CRASHPAD - NOT INSTALLED			CRASH BAR - NOT INSTALLED			
TANK/HOPPER-LOCATION - SIDES			TERRAIN-TYPE - ROLLING			
ELEVATION-AREA BEING TREATED- FEET - 800			SWATH RUN-HOW FLOWN - UPWIND			
PROCEDURE TURNAROUND - SECOND 1/3 TURN						
REMARKS- ENG OVR SPEED						
3-1150	5/13/76	SAN JUAN CAPST.CA	BELL 47D-1 N68630 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL MAPPING/PHOTO	COMMERCIAL, AGE 42, 4789 TOTAL HOURS, 80 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT SAN JUAN CAPST.CA	INTENDED DESTINATION LOCAL		PHASE OF OPERATION IN FLIGHT NORMAL CRUISE	
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION ROLL OVER			LANDING ROLL-ON/RUN-ON	
PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING MISCELLANEOUS ACTS.CONDITIONS - WATER IN FUEL TERRAIN - ROUGH/UNEVEN 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			FLIGHT PURPOSE	PILOT DATA
				F	S	M/N		
3-1341	5/15/76 TIME - 1317	SALINAS, CA	BENSEN RBM N4672 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0			NONCOMMERCIAL PRACTICE	STUDENT, AGE 45, 23 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - SALINAS DEPARTURE POINT SALINAS, CA TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH FENCE, FENCEPOSTS	INTENDED DESTINATION LOCAL				PHASE OF OPERATION TAKEOFF INITIAL CLIMB LANDING POWER-ON LANDING	
		PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
3-1447	5/21/76 TIME - 0530	CLOVERDALE, CA	BELL 47G-5 N6277N DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0			COMMERCIAL AERIAL APPLICATION	ATP, FLIGHT INSTR., AGE 27, 4000 TOTAL HOURS, 500 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT CLOVERDALE, CA TYPE OF ACCIDENT COLLIDED WITH TREES	INTENDED DESTINATION LOCAL				PHASE OF OPERATION IN FLIGHT STARTING SWATH RUN	
		PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
		SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 1800 KIND OF CROP - GRAPES PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - AFT OF PILOT ELEVATION-AREA BEING TREATED- FEET - 300					KIND OF OPERATION - SPRAYING CROPS TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC GLOVES - USED CRASH HELMET - AVAILABLE USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - LEVEL, FLAT SWATH RUN-HOW FLOWN - WIND CALM	

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1146	6/11/76	LOS ANGELES,CA	BELL 47G-5 N7085J DAMAGE-DESTROYED	CR- 1 1 0 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 29, 3575 TOTAL HOURS, 426 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT GLENDALE,CA	INTENDED DESTINATION LOCAL		PHASE OF OPERATION LANDING POWER-ON LANDING	
		TYPE OF ACCIDENT COLLIDED WITH OBJECT				
		PROBABLE CAUSE(S) DUAL STUDENT - MISJUDGED CLEARANCE PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING				
		FACTOR(S) PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT TERRAIN - OTHER				
		FIRE AFTER IMPACT REMARKS- DRG PINNACLE APCH R SKID CAUGHT UNDER CEMENT PLATFORM. ACFT ROLLED DWN HILL.				
3-3067	6/22/76	NR.BISHOP,CA	BELL 206B N7941S DAMAGF-DESTROYED	CR- 0 1 0 PX- 2 1 0	COMMERCIAL OTHER	COMMERCIAL, AGE 43, 6500 TOTAL HOURS, 400 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT BISHOP,CA	INTENDED DESTINATION LOCAL		PHASE OF OPERATION [IN FLIGHT] NORMAL CRUISE LANDING ROLL-ON/RUN-ON	
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLISION WITH GROUND/WATER CONTROLLED				
		PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS WEATHER - HIGH DENSITY ALTITUDE PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING				
		FACTOR(S) TERRAIN - ROUGH/UNEVEN COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED MISSING AIRCRAFT - LATER RECOVERED				
		SKY CONDITION CLEAR			CEILING AT ACCIDENT SITE UNLIMITED	
		VISIBILITY AT ACCIDENT SITE 5 OR OVER(UNLIMITED)			PRECIPITATION AT ACCIDENT SITE NONE	
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE			TEMPERATURE-F 73	
		WIND DIRECTION-DEGREES 10			WIND VELOCITY-KNOTS 13	
		TYPE OF WEATHER CONDITIONS VFR			TYPE OF FLIGHT PLAN NONE	
		FIRE AFTER IMPACT REMARKS- LOST PWR AT LOW ALT OVR MTN SLOPE, DENSITY ALT ABT 9000FT,ACFT HEAVY. RECOVERY DATE 6/23/76.				

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2050	6/25/76	NR.HAPPY CAMP,CA	HILLER ACFT UH-12E N5360V	CR- 0 0 1 PX- 0 0 0	COMMERCIAL CONSTRUCTION	COMMERCIAL, AGE 46, 5633 TOTAL HOURS, 738 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT HAPPY CAMP,CA			DAMAGE-SUBSTANTIAL		INTENDED DESTINATION LOCAL	
TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING			PHASE OF OPERATION IN FLIGHT FLAREOUT FOR SWATH RUN LANDING POWER-OFF AUTOROTATIVE LANDING			
PROBABLE CAUSE(S)						
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING						
PILOT IN COMMAND - MISMANAGEMENT OF FUEL						
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION						
FACTOR(S)						
POWERPLANT - POWERPLANT-INSTRUMENTS FUEL QUANTITY GAUGE						
MISCELLANEOUS ACTS,CONDITIONS - ERRATIC						
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE						
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
REMARKS- EXTERNAL LOAD LOGGING OPERATION.						
3-2193	7/10/76	CULVER CITY,CA	HUGHES 369HS N8375F	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 55, 13128 TOTAL HOURS, 3336 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - HUGHES			DAMAGE-SUBSTANTIAL		INTENDED DESTINATION LOCAL	
DEPARTURE POINT CULVER CITY,CA			PHASE OF OPERATION LANDING POWER-OFF AUTOROTATIVE LANDING			
TYPE OF ACCIDENT COLLISION WITH GROUND/WATER			UNCONTROLLED			
PROBABLE CAUSE(S)						
ROTORCRAFT - FLIGHT CONTROL SYSTEMS CYCLIC PITCH CONTROL SYSTEM						
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE						
MISCELLANEOUS ACTS,CONDITIONS - BINDING						
EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP.T.						
REMARKS- PRACTICE AUTOROTATION.						



BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1846	7/19/76	NR.PITTSBURG,CA TIME - 1630	BELL 47G N179B DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 2	COMMERCIAL MAPPING/PHOTO	COMMERCIAL, AGE 39, 1297 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT PITTSBURG,CA	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLISION WITH GROUND/WATER	CONTROLLED		PHASE OF OPERATION IN FLIGHT LOW PASS LANDING LEVEL OFF/TOUCHDOWN	
PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS						
FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER						
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE						
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER						
REMARKS- POWER LOSS AND VIBRATION CAUSE UNDETERMINED DUE IMPACT DAMAGE AND LONG TIME SALT WATER SUBMERSION.						
3-2395	8/24/76	NR.TAYLORVILLE,CA TIME - 0615	BELL 47G3R2 NRACP DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL CTR CARGO-D	AIRLINE TRANSPORT, AGE 32, 5906 TOTAL HOURS, 600 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT TAYLORVILLE,CA	INTENDED DESTINATION LOCAL			
		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 - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS						
FACTOR(S) TERRAIN - ROUGH/UNEVEN						
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE						
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
REMARKS- HELICOPTER CARRYING SLING LOAD,LOGGING OPERATION.LND DOWNSLOPE.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES		FLIGHT PURPOSE	PILOT DATA
				F	S M/N		
3-2315	9/8/76 TIME - 1730	SAN PEDRO, CA	BELL 47G N62221 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2		COMMERCIAL CTR PASSG-D	COMMERCIAL, FL. INSTR., AGE 26, 1910 TOTAL HOURS, 300 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - PORTS O'CALL DEPARTURE POINT SAN PEDRO, CA TYPE OF ACCIDENT ROLL OVER	INTENDED DESTINATION LOCAL			PHASE OF OPERATION TAKEOFF VERTICAL	
		PROBABLE CAUSE(S) PILOT IN COMMAND - EXERCISED POOR JUDGMENT WEATHER - UNFAVORABLE WIND CONDITIONS					
		SKY CONDITION UNKNOWN/NOT REPORTED VISIBILITY AT ACCIDENT SITE 5 OR OVER (UNLIMITED) OBSTRUCTIONS TO VISION AT ACCIDENT SITE HAZE WIND VELOCITY-KNOTS 10 TYPE OF FLIGHT PLAN NONE				CEILING AT ACCIDENT SITE UNKNOWN/NOT REPORTED PRECIPITATION AT ACCIDENT SITE NONE TEMPERATURE-F 80 TYPE OF WEATHER CONDITIONS VFR	
		REMARKS- 1ST T/O. SETTLED BACK TO PAD. 2ND ATTEMPT, SETTLED TO WATER. 3RD ATTEMPT, MAIN ROTORS HIT WATER.					
3-2714	9/10/76 TIME - 0800	SALINAS, CA	HILLER ACFT UH-12E N9770C DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0		COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE UNK/NR, 7005 TOTAL HOURS, 3000 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT SALINAS, CA TYPE OF ACCIDENT COLLIDED WITH OBJECT	INTENDED DESTINATION LOCAL			PHASE OF OPERATION IN FLIGHT SWATH RUN	
		PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS					
		SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 7005 KIND OF CROP - OTHER PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - BELLY ELEVATION-AREA BEING TREATED- FEET - 80 REMARKS- COLLIDED WITH STAND-PIPE 12FT HIGH. SPRAYING CELERY				KIND OF OPERATION - SPRAYING CROPS TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC GLOVES - NOT USED CRASH HELMET - AVAILABLE-NOT USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - LEVEL FLAT SWATH RUN-HOW FLOWN - WIND CALM	

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA
				F	S	M/N		
3-2436	9/12/76	LOMPOC, CA	BELL 47G-5 N7915S DAMAGE-SUBSTANTIAL	CR- 0 0 1	PX- 0 0 0		COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 29, 4250 TOTAL HOURS, 2000 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - LOMPOC		DEPARTURE POINT LOMPOC, CA		INTENDED DESTINATION LOCAL		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING		
				PHASE OF OPERATION TAKEOFF RUNNING LANDING POWER-OFF			AUTOROTATIVE LANDING	
PROBABLE CAUSE(S)								
POWERPLANT - IGNITION SYSTEM MAGNETOS								
MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE								
MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION								
FACTOR(S)								
MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE								
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE								
EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP.								
SPECIAL DATA								
TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED				KIND OF OPERATION - SPRAYING CROPS				
KIND OF CROP - TOMATOES				TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC				
PILOT'S SEAT BELT - FASTENED-PROPERLY				GLOVES - NOT USED				
GOGGLES - NOT USED				CRASH HELMET - AVAILABLE USED				
COCKPIT CRASHPAD - NOT INSTALLED				CRASH BAR - NOT INSTALLED				
TANK/HOPPER-LOCATION - SIDES				ELEVATION-AREA BEING TREATED- FEET - 88				
REMARKS- ROTOR RPM DECAYED WHEN PILOT STRETCHED 'GP TO AVOID FENCE. BREAKER PTS SPRING BKN ON L MAG.								

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3261	9/22/76 TIME - 1956	NR.SAN BERNARDINO,CA	SIKORSKY S-55B N9389 DAMAGE-DESTROYED	CR- 3 0 0 PX- 1 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 35, 1934 TOTAL HOURS, 150 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT DAGGETT,CA		INTENDED DESTINATION LOMA LINDA,CA		PHASE OF OPERATION IN FLIGHT NORMAL CRUISE	
	TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES					
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING					
	FACTOR(S) WEATHER - LOW CEILING WEATHER - FOG TERRAIN - HIGH OBSTRUCTIONS WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED					
	SKY CONDITION BROKEN				CEILING AT ACCIDENT SITE 500	
	VISIBILITY AT ACCIDENT SITE 2 MILES OR LESS				PRECIPITATION AT ACCIDENT SITE NONE	
	OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG				TYPE OF WEATHER CONDITIONS VFR	
	TYPE OF FLIGHT PLAN NONE					
	FIRE AFTER IMPACT REMARKS- HELICOPTER MEDIC FLT. HIT PWR LINES IN PASS.					
3-3267	10/4/76 TIME - 1815	NR.WASCO,CA	EL TOMCAT MK5A N9001T DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 30, 5164 TOTAL HOURS, 120 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT WASCO,CA		INTENDED DESTINATION LOCAL		PHASE OF OPERATION IN FLIGHT FLAREOUT FOR SWATH RUN	
	TYPE OF ACCIDENT COLLIDED WITH CROP					
	PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS PILOT IN COMMAND - MISJUDGED DISTANCE,SPEED,ALTITUDE OR CLEARANCE					
	FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - VIBRATION,EXCESSIVE					
	SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 2500 KIND OF CROP - COTTON PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED GOGGLES - USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - AFT OF PILOT ELEVATION-AREA BEING TREATED-FEET - 350				KIND OF OPERATION - DEFOLIATION (LIQUID) TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC GLOVES - USED CRASH HELMET - AVAILABLE USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - LEVEL,FLAT SWATH RUN-HOW FLOWN - WIND CALM	
	REMARKS- FLARED BECAUSE OF VIBRATION, T/R HIT COTTON PLANTS & TURNED OVER.					

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-350A	11/28/76	NR.GLEN IVY,CA TIME - 0500	BELL 47J N62883 DAMAGE-DESTROYED	CR- 0 1 0 PX- 1 0 0	COMMERCIAL SCHED CARGO SRV	COMMERCIAL, AGE 39, 1715 TOTAL HOURS, 100 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT GLEN IVY,CA	INTENDED DESTINATION LOCAL		PHASE OF OPERATION TAKEOFF RUNNING	
		TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES				
		PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS				
		FACTOR(S) PERSONNEL - MISCELLANEOUS-PERSONNEL PASSENGER TERRAIN - HIGH OBSTRUCTIONS FIRE AFTER IMPACT				
		REMARKS- FROST CONTROL. PAX WAS TO DIRECT PILOT & FAILED TO ADVISE PILOT OF WIRES.				
3-3827	12/4/76	CORONA,CA TIME - 1215	SCORPION TOO N210D DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PRACTICE	STUDENT, AGE 49, 323 TOTAL HOURS, 71 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - CORONA DEPARTURE POINT CORONA,CA	INTENDED DESTINATION LOCAL		PHASE OF OPERATION TAKEOFF OTHER	
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER CONTROLLED				
		PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS				
		REMARKS- CRASHED SHORTLY AFTR TKOF.NO MALFUNCTION FOUND.				
3-3791	12/14/76	LONG BEACH,CA TIME - 1600	HUGHES 269B N9566F DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	ATP, FLIGHT INSTR., AGE 42, 13505 TOTAL HOURS, 10150 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - LONG BEACH DEPARTURE POINT LONG BEACH,CA	INTENDED DESTINATION LOCAL		PHASE OF OPERATION LANDING POWER-OFF AUTOROTATIVE LANDING	
		TYPE OF ACCIDENT HARD LANDING				
		PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT DUAL STUDENT - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.				

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3124	5/18/76 TIME - 1420	BROOMFIELD,CO	HUGHES 269B N9440F DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	AIP, FLIGHT INSTR., AGE 28, 5227 TOTAL HOURS, 300 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - JEFFERSON COUNTY DEPARTURE POINT INTENDED DESTINATION BROOMFIELD,CO LOCAL				
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION ROLL OVER		PHASE OF OPERATION IN FLIGHT AUTOROTATIVE DESCENT LANDING POWER-OFF AUTOROTATIVE LANDING		
		PROBABLE CAUSE(S) POWERPLANT - FUEL SYSTEM FUEL INJECTION SYSTEM MISCELLANEOUS ACTS,CONDITIONS - IMPROPER CLEARANCE-TOLERANCE MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS				
		FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - SIMULATED CONDITIONS COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- AUTO MIXT CTL INOP. ACFT CONTACTED SOFT GROUND WITH SIDEWARD MOVEMENT.				
3-1342	6/10/76 TIME - 1007	SOMERSET,CO	BELL 47G3B1 N7894S DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 26, 1187 TOTAL HOURS, 115 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT INTENDED DESTINATION GRAND JUNCTION, CO SOMERSET,CO				
		TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES		PHASE OF OPERATION IN FLIGHT NORMAL CRUISE		
		PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS MISCELLANEOUS ACTS,CONDITIONS - UNWARRANTED LOW FLYING				
		FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS FIRE AFTER IMPACT REMARKS- POWERLINES ABT 70FT AGL.				
3-2968	8/23/76 TIME - 1915	ALMA,CO	BELL 47G3B1 N1338X DAMAGE-DESTROYED	CR- 0 1 0 PX- 1 0 0	COMMERCIAL CTR PASSG-D	AIRLINE TRANSPORT, AGE 37, 3698 TOTAL HOURS, 265 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT INTENDED DESTINATION CLIMAX MINE CO. LOCAL AREA		LAST ENROUTE STOP ALMA,CO		
		TYPE OF ACCIDENT COLLIDED WITH OBJECT		PHASE OF OPERATION IN FLIGHT NORMAL CRUISE		
		PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS TERRAIN - HIGH OBSTRUCTIONS FIRE AFTER IMPACT REMARKS- COLLIDED WITH UNMARKED TRAMWAY CABLES NOT SHOWN ON AERONAUTICAL CHART.				

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2602	8/24/76 TIME - 0830	NR.ASPEN,CO	BELL 47G3B2 N4074G DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 1 0	COMMERCIAL OTHER	COMMERCIAL, AGE 26, 2278 TOTAL HOURS, 570 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT GUNNISON,CO	INTENDED DESTINATION ASPEN,CO		PHASE OF OPERATION IN FLIGHT OTHER	
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION ROLL OVER			LANDING LEVEL OFF/TOUCHDOWN	
		PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS FACTOR(S) WEATHER - HIGH DENSITY ALTITUDE TERRAIN - ROUGH/UNEVEN PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND	POWERPLANT FAILURE FOR UNDETERMINED REASONS			
		SKY CONDITION CLEAR			CEILING AT ACCIDENT SITE UNLIMITED	
		VISIBILITY AT ACCIDENT SITE 5 OR OVER(UNLIMITED)			PRECIPITATION AT ACCIDENT SITE NONE	
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE			TEMPERATURE-F 48	
		WIND DIRECTION-DEGREES 315			WIND VELOCITY-KNOTS 10	
		TYPE OF WEATHER CONDITIONS VFR			TYPE OF FLIGHT PLAN NONE	
		FIRE AFTER IMPACT REMARKS- RADIMETRIC AERIAL SURVEY.NO REASON FOUND FOR LOSS OF POWER,D/A 14000FT.				
3-3639	11/14/76 TIME - 1530	TWO BUTTES,CO	HUGHES 269C N7457F DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	MISCELLANEOUS HUNTING	COMMERCIAL, AGE 29, 5775 TOTAL HOURS, 87 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT TWO BUTTES,CO	INTENDED DESTINATION LOCAL		PHASE OF OPERATION LANDING ROLL-ON/RUN-ON	
		TYPE OF ACCIDENT ROLL OVER				
		PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING MISCELLANEOUS ACTS,CONDITIONS - DISREGARD OF GOOD OPERATING PRACTICE MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS FACTOR(S) TERRAIN - WET,SOFT GROUND EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT UNUSUAL NOISE PROP/ENGINE VIBRATION REMARKS- TUMBLEWEEDS CAUGHT IN TAIL ROTOR,CAUSED VIBRATION AND LOSS OF ROTOR RPM.				

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4084	12/13/76 TIME - 0945	NR.COWDREY,CO	SIKORSKY S-64E N6965R DAMAGE-SUBSTANTIAL	CR- 0 1 2 PX- 0 0 0	COMMERCIAL CONSTRUCTION	COMMERCIAL, AGE 35, 4584 TOTAL HOURS, 2077 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT COWDREY,CO	INTENDED DESTINATION LOCAL			PHASE OF OPERATION IN FLIGHT UNCONTROLLED DESCENT	
	TYPE OF ACCIDENT COLLISION WITH GROUND/WATER UNCONTROLLED					
	PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION SYSTEMS - FLIGHT CONTROL SYSTEMS FLIGHT CONTROL BOOST SYSTEMS, HYDRAULIC MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY INSTALLED SYSTEMS - HYDRAULIC SYSTEM RESERVOIR,LINES,FITTINGS MISCELLANEOUS ACTS,CONDITIONS - LEAK/LEAKAGE MISCELLANEOUS ACTS,CONDITIONS - LOOSE,PART/FITTING EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- PRESSURE AND RETURN HYD LINES TO LEFT LATERAL SERVO REVERSED HYD LEAK DEVELOPED IN FLIGHT					
3-0431	2/4/76 TIME - 1430	MIAMI,FL	SIKORSKY S-52 N54063 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 27, 2435 TOTAL HOURS, 115 IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIRPORT - DEPARTURE POINT MIAMI,FL	LITTLE DEER STRIP INTENDED DESTINATION LOCAL			PHASE OF OPERATION TAKEOFF INITIAL CLIMB LANDING POWER-OFF AUTOROTATIVE LANDING	
	TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH TREES					
	PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP.					



BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1242	2/22/76 TIME - 1635	CLEARWATER, FL	BELL 47G N3628G DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	ATP, FLIGHT INSTR., AGE 27, 3434 TOTAL HOURS, 60 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - ST PETERSBURG				
		DEPARTURE POINT CLEARWATER, FL	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT ROLL OVER			PHASE OF OPERATION IN FLIGHT POWER-ON DESCENT	
PROBABLE CAUSE(S)						
DUAL STUDENT - IMPROPER OPERATION OF FLIGHT CONTROLS						
DUAL STUDENT - IMPROPER COMPENSATION FOR WIND CONDITIONS						
PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT						
FACTOR(S)						
WEATHER - UNFAVORABLE WIND CONDITIONS						
WEATHER BRIEFING - UNKNOWN/NOT REPORTED						
WEATHER FORECAST - UNKNOWN/NOT REPORTED						
SKY CONDITION						
OVERCAST						
VISIBILITY AT ACCIDENT SITE						
5 OR OVER (UNLIMITED)						
OBSTRUCTIONS TO VISION AT ACCIDENT SITE						
NONE						
WIND VELOCITY-KNOTS						
15						
TYPE OF FLIGHT PLAN						
NONE						
FIRE AFTER IMPACT						
REMARKS- LNDG FM A HOVER. WIND GUSTING 21K.						
CEILING AT ACCIDENT SITE						
1500						
PRECIPITATION AT ACCIDENT SITE						
NONE						
WIND DIRECTION-DEGREES						
310						
TYPE OF WEATHER CONDITIONS						
VFR						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2511	3/1/76	SOUTH BAY, FL	BELL 4701 N12088 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 27, 1421 TOTAL HOURS, 307 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT SOUTH BAY, FL	INTENDED DESTINATION LOCAL		PHASE OF OPERATION IN FLIGHT SWATH RUN LANDING POWER-OFF AUTOROTATIVE LANDING	
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION NOSE OVER/DOWN				
		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 TERRAIN - WET, SOFT GROUND				
		FACTOR(S) WEATHER - CONDITIONS CONDUCTIVE TO CARB./INDUCTION SYSTEM ICING COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE WEATHER BRIEFING - UNKNOWN/NOT REPORTED WEATHER FORECAST - UNKNOWN/NOT REPORTED EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND				
		SKY CONDITION CLEAR			CEILING AT ACCIDENT SITE UNLIMITED	
		VISIBILITY AT ACCIDENT SITE 5 OR OVER (UNLIMITED)			PRECIPITATION AT ACCIDENT SITE NONE	
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE			WIND DIRECTION-DEGREES 120	
		WIND VELOCITY-KNOTS 3			TYPE OF WEATHER CONDITIONS VFR	
		TYPE OF FLIGHT PLAN NONE				
		SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 306 KIND OF CROP - CORN PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - SIDES ELEVATION-AREA BEING TREATED- FEET - 17			KIND OF OPERATION - SPRAYING CROPS TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC GLOVES - USED CRASH HELMET - AVAILABLE USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - LEVEL, FLAT SWATH RUN-HOW FLOWN - WIND CALM	

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA
				F	S	M/N		
3-1046	3/15/76 TIME - 1245	MIAMI, FL	HILLER UH-12D N62362 DAMAGE-SUBSTANTIAL	CR- PX-	0 0	0 2	MISCELLANEOUS OTHER PUBLIC	COMMERCIAL, AGE 29, 1394 TOTAL HOURS, 120 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - WATSON ISLAND HEL						
		DEPARTURE POINT MIAMI, FL	INTENDED DESTINATION LOCAL					
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH TREES		PHASE OF OPERATION IN FLIGHT CLIMB TO CRUISE LANDING LEVEL OFF/TOUCHDOWN				
		PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- SIGHTSEEING FLT						
3-0865	4/12/76 TIME - 1500	N MIAMI BEACH, FL	BELL 47G N4837 DAMAGE-SUBSTANTIAL	CR- PX-	0 0	0 2	COMMERCIAL CTR PASSG-D	COMMERCIAL, AGE 26, 1881 TOTAL HOURS, 24 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT N MIAMI BEACH, FL	INTENDED DESTINATION LOCAL					
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH WIRES/POLES		PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING POWER-OFF AUTOROTATIVE LANDING				
		PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS, CONDITIONS - INATTENTIVE TO FUEL SUPPLY MISCELLANEOUS ACTS, CONDITIONS - FUEL EXHAUSTION COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
3-2347	5/4/76 TIME - 1700	MIAMI, FL	HUGHES 269C N9284F DAMAGE-SUBSTANTIAL	CR- PX-	0 0	0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL INSTR., AGE 24, 1497 TOTAL HOURS, 105 IN TYPE, NOT INSTRU- MENT RATED.
		DEPARTURE POINT MIAMI, FL	INTENDED DESTINATION LOCAL					
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION NOSE OVER/DOWN		PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING POWER-OFF AUTOROTATIVE LANDING				
		PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION INADEQUATE MAINTENANCE AND INSPECTION POWERPLANT - FUEL SYSTEM FUEL INJECTION SYSTEM PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN TERRAIN - ROUGH/UNEVEN COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- IP USED FLOS & DIRT ROADS FOR AUTOROTATION. SIDES OF INJ UNIT DUST COATED, SAND & DUST IN CYL.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES		FLIGHT PURPOSE	PILOT DATA
				F	S M/N		
3-2476	5/21/76 TIME - 1815	LAKE BUTLER, FL	BELL 470-1 N74123 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0		COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 34, 2147 TOTAL HOURS, 80 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - TRAILER DEPARTURE POINT LAKE BUTLER, FL TYPE OF ACCIDENT ROLL OVER	INTENDED DESTINATION LOCAL			PHASE OF OPERATION TAKEOFF VERTICAL	
		PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING					
		SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 80 KIND OF CROP - OTHER GLOVES - USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - SIDES ELEVATION-AREA BEING TREATED- FEET - 80 REMARKS- KIND OF CROP, MELONS. PILOT MADE TAKEOFF WITH ACFT CHAINED TO TRAILER.				KIND OF OPERATION - SPRAYING CROPS TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC CRASH HELMET - AVAILABLE USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - LEVEL, FLAT	
3-1510	5/31/76 TIME - 1155	MULBERRY, FL	BELDEN B-8M N8GB DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0		NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 56, 66 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - CIRCLE-X DEPARTURE POINT MULBERRY, FL TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES	INTENDED DESTINATION LOCAL			PHASE OF OPERATION TAKEOFF INITIAL CLIMB	
		PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS					
3-3055	7/21/76 TIME - 1015	MR. WINTER GARDEN, FL	BELL 47G N106L DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2		COMMERCIAL OTHER	COMMERCIAL, AGE 52, 2825 TOTAL HOURS, 1800 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - MAGUIRE DEPARTURE POINT ORLANDO, FL TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH TREES	INTENDED DESTINATION LOCAL			PHASE OF OPERATION IN FLIGHT CLIMB TO CRUISE LANDING POWER-OFF AUTOROTATIVE LANDING	
		PROBABLE CAUSE(S) POWERPLANT - ENGINE STRUCTURE VALVE ASSEMBLIES MISCELLANEOUS ACTS, CONDITIONS - STUCK COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- ENG FAILED AFTER INTAKE VALVE STUCK IN OPEN PSN DURING AERIAL SIGHT SEEING FLT. USING 100 LL FUEL.					

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA	
				F	S	M/N			
3-3218	8/17/76	NR.CAMPBELLTON,FL	BELL 47D-1 NR282E DAMAGE-SUBSTANTIAL	CR-	0	0	1	MISCELLANEOUS TEST	COMMERCIAL, AGE 47, 7679 TOTAL HOURS, 3400 IN TYPE, NOT INSTRUMENT RATED.
	TIME - 1200								
		NAME OF AIRPORT - PRIVATE HELIOPORT							
		DEPARTURE POINT	INTENDED DESTINATION						
		CAMPBELLTON,FL	LOCAL						
		TYPE OF ACCIDENT					PHASE OF OPERATION		
		PROPELLER/ROTOR FAILURE	TAIL ROTOR				TAKEOFF	VERTICAL	
		COLLIDED WITH OBJECT					LANDING	POWER-OFF AUTOROTATIVE LANDING	
		PROBABLE CAUSE(S)							
		PERSONNEL - MAINTENANCE,SERVICING,INSPECTION	IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL)						
		PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING							
		ROTORCRAFT - FLIGHT CONTROL SYSTEMS	TAIL ROTOR PITCH CONTROL SYSTEM						
		MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY INSTALLED							
		REMARKS-	TAIL ROTOR RIGGED IN REVERSE. SKID HIT TRAILER DURING EMERGENCY LANDING.						
3-3898	8/27/76	NR.PENSACOLA,FL	HUGHES 269B N9553F DAMAGE-DESTROYED	CR-	0	0	2	INSTRUCTIONAL	COMMERCIAL, FL.INSTR., AGE 33, 5650 TOTAL HOURS, 1500 IN TYPE, NOT INSTRU- MENT RATED.
	TIME - 1745			PX-	0	0	0	DUAL	
		NAME OF AIRPORT - PRIVATE HELIOPORT							
		DEPARTURE POINT	INTENDED DESTINATION						
		PENSACOLA,FL	LOCAL						
		TYPE OF ACCIDENT					PHASE OF OPERATION		
		PROPELLER/ROTOR FAILURE	TAIL ROTOR				TAKEOFF	RUNNING	
		COLLISION WITH GROUND/WATER	UNCONTROLLED				LANDING	POWER-OFF AUTOROTATIVE LANDING	
		PROBABLE CAUSE(S)							
		ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM	TAIL ROTOR GEAR BOX						
		PERSONNEL - MAINTENANCE,SERVICING,INSPECTION	INADEQUATE MAINTENANCE AND INSPECTION						
		REMARKS-	TAIL ROTOR FORK BOLT LOST IN FLT TSO UNK						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4047	9/1/76 TIME - 0630	HOLMES BEACH, FL	HUGHES 269B N9563F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, FL INSTR., AGE 38, 2021 TOTAL HOURS, 239 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT PALMETTO, FL	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	CONTROLLED	PHASE OF OPERATION LANDING POWER-OFF AUTOROTATIVE LANDING		
PROBABLE CAUSE(S) INSTRUMENTS/EQUIPMENT AND ACCESSORIES - MISCELLANEOUS EQUIPMENT SPRAY, DUSTING EQUIPMENT MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE TERRAIN - ROUGH/UNEVEN EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND SUSPECTED MECHANICAL DISCREPANCY						
SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 1960 KIND OF CROP - MOSQUITO CONTROL PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - SIDES ELEVATION-AREA BEING TREATED- FEET - 4 REMARKS- ENRT TO SPRAY MOSQUITOES. PLT RPTS PVC ELBOW BRKN, M/R DRIVE BELTS WET, SLIPPED, LNDG ON 25DEG SLOPE.						
				KIND OF OPERATION - OTHER TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC GLOVES - NOT USED CRASH HELMET - AVAILABLE-NOT USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - DENSE WITH TREES SWATH RUN-HOW FLOWN - CROSSWIND		
3-2939	9/1/76 TIME - 1636	FT LAUDERDALE, FL	SIKORSKY S5RE N41843 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PRACTICE	COMMERCIAL, AGE 55, 18050 TOTAL HOURS, 15 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - FT LAUDERDALE INT DEPARTURE POINT FT LAUDERDALE, FL	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT ROLL OVER		PHASE OF OPERATION IN FLIGHT HOVERING		
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. FACTOR(S) PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS MISCELLANEOUS ACTS, CONDITIONS - LOAD NOT JETTISONED FIRE AFTER IMPACT REMARKS- PLT WAS NOT RATED IN ACFT.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA
				F	S	M/N		
3-3993	10/2/76 TIME - 1545	GULFSTREAM,FL	BENSEN GYRO NONE DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0			NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 32, 200 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT UNKNOWN/NOT REPORTED	INTENDED DESTINATION UNKNOWN/NOT REPORTED				PHASE OF OPERATION IN FLIGHT LOW PASS IN FLIGHT UNCONTROLLED DESCENT	
		TYPE OF ACCIDENT MISCELLANEOUS COLLISION WITH GROUND/WATER	UNCONTROLLED					
		PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS						
		REMARKS- PROP & ROTOR BLADES COLLIDED.						
3-2936	10/4/76 TIME - 1230	LAKE PLACID,FL	ENSTROM F-28A N1620 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1			NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	AIRLINE TRANSPORT, AGE 33, 7200 TOTAL HOURS, 180 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT LAKE PLACID,FL	INTENDED DESTINATION FT LAUDERDALE,FL				PHASE OF OPERATION TAKEOFF VERTICAL	
		TYPE OF ACCIDENT HARD LANDING						
		PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE						
3-4024	10/8/76 TIME - 0920	DESTIN,FL	ENSTROM F-28 N498H DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0			INSTRUCTIONAL DUAL	ATP,FLIGHT INSTR., AGE 46, 18000 TOTAL HOURS, 95 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - DESTIN FT WALTON DEPARTURE POINT DESTIN,FL	INTENDED DESTINATION LOCAL				PHASE OF OPERATION TAXI GROUND TAXI TO TAKEOFF	
		TYPE OF ACCIDENT HARD LANDING						
		PROBABLE CAUSE(S) DUAL STUDENT - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. DUAL STUDENT - FAILURE TO RELINQUISH CONTROL PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT PILOT IN COMMAND - IMPROPER LEVEL OFF						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3820	10/23/76 TIME - 1850	LAKE WORTH,FL	HILLER UH-12D N62401 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PRACTICE	COMMERCIAL, AGE 32, 3875 TOTAL HOURS, 300 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - LANTANA DEPARTURE POINT PALM BEACH,FL TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH TREES	INTENDED DESTINATION LOCAL	PHASE OF OPERATION IN FLIGHT CLIMB TO CRUISE LANDING POWER-OFF AUTOROTATIVE LANDING		
PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING MISCELLANEOUS ACTS,CONDITIONS - WATER IN FUEL MISCELLANEOUS ACTS,CONDITIONS - FUEL CONTAMINATION-EXCLUSIVE OF WATER IN FUEL TERRAIN - HIGH OBSTRUCTIONS COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- FUEL LINE CONTAINED DIRT AND WATER.						
3-0352	2/17/76 TIME - 1500	ATLANTA,GA	BELL TH13T N3GF DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS OTHER PUBLIC	COMMERCIAL, AGE 26, 2278 TOTAL HOURS, 66 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - CHARLIE BROWN CO DEPARTURE POINT ROME,GA TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING	INTENDED DESTINATION ATLANTA,GA	PHASE OF OPERATION LANDING FINAL APPROACH LANDING POWER-OFF AUTOROTATIVE LANDING		
PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE,SERVICING,INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL) POWERPLANT - ENGINE CONTROLS THROTTLE-POWER LEVER ASSEMBLIES MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY SECURED MISCELLANEOUS ACTS,CONDITIONS - DISCONNECTED PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP.T. REMARKS- THROTTLE LINKAGE CAME LOOSE AT CARB.SAFETY WIRE NOT USED TO SECURE COMPONENTS.						
3-2124	4/3/76 TIME - 1805	COMER,GA	HUGHES 269A N8897F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 1 0	MISCELLANEOUS TEST	COMMERCIAL, AGE 26, 614 TOTAL HOURS, ALL IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT COMER,GA TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES	INTENDED DESTINATION LOCAL	PHASE OF OPERATION TAKEOFF INITIAL CLIMB		
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS						



BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA	
				F	S	M/N			
3-1370	5/3/76 TIME - 1740	STOCKBRIDGE,GA	BELL 47G N4070B DAMAGE-SUBSTANTIAL	CR- PX-	0 0	0 0	2 DUAL	INSTRUCTIONAL	ATP, FLIGHT INSTR., AGE 36, 8501 TOTAL HOURS, 54 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - BELLAH DEPARTURE POINT STOCKBRIDGE,GA TYPE OF ACCIDENT HARD LANDING GEAR COLLAPSED	INTENDED DESTINATION LOCAL					PHASE OF OPERATION LANDING POWER-ON LANDING LANDING POWER-ON LANDING	
		PROBABLE CAUSE(S) DUAL STUDENT - IMPROPER LEVEL OFF DUAL STUDENT - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT							
		FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE FIRE AFTER IMPACT							
3-2522	8/27/76 TIME - 1300	AUGUSTA,GA	BELL 47 N995D DAMAGE-SUBSTANTIAL	CR- PX-	0 0	0 0	1 1	MISCELLANEOUS TEST	COMMERCIAL, AGE 30, 2893 TOTAL HOURS, 93 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - DANIEL FIELD DEPARTURE POINT AUGUSTA,GA TYPE OF ACCIDENT HARD LANDING	INTENDED DESTINATION LOCAL					PHASE OF OPERATION LANDING POWER-OFF AUTOROTATIVE LANDING	
		PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE REMARKS- INTENDED TO TERMINATE AUTOROTATION AT HOVER.							
3-384H	12/12/76 TIME - 1530	VANCEVILLE,GA	BELL 47D1 N3575 DAMAGE-SUBSTANTIAL	CR- PX-	0 0	0 0	1 0	NONCOMMERCIAL PRACTICE	COMMERCIAL, AGE 34, 1120 TOTAL HOURS, 20 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT VANCEVILLE,GA TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	INTENDED DESTINATION LOCAL CONTROLLED					PHASE OF OPERATION IN FLIGHT HOVERING	
		PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS							
		FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER REMARKS- SETTLED INTO WATER DRG PRACT HOVER, STUDENT ROTORCRAFT PLT.							

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0166	1/9/76 TIME - 1315	NR.HONOLULU,HI	BELL 206B N59471 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 1 0 1	COMMERCIAL MAPPING/PHOTO	COMMERCIAL, AGE 27, 3535 TOTAL HOURS, 710 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT HONOLULU,HI		INTENDED DESTINATION LOCAL		PHASE OF OPERATION IN FLIGHT HOVERING	
	TYPE OF ACCIDENT COLLISION WITH GROUND/WATER		CONTROLLED.			
	PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE					
	FACTOR(S) PILOT IN COMMAND - FAILED TO USE OR INCORRECTLY USED MISC.EQUIPMENT MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER WEATHER - UNFAVORABLE WIND CONDITIONS WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT					
	SKY CONDITION OVERCAST/LOWER SCATTERED				CEILING AT ACCIDENT SITE 25000	
	VISIBILITY AT ACCIDENT SITE 5 OR OVER (UNLIMITED)				PRECIPITATION AT ACCIDENT SITE NONE	
	OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE				TEMPERATURE-F 73	
	WIND DIRECTION-DEGREES 60				WIND VELOCITY-KNOTS 18	
	TYPE OF WEATHER CONDITIONS VFR				TYPE OF FLIGHT PLAN NONE	
	REMARKS-		SETTLED INTO OCEAN.DOWNWIND GUSTS TO 22K.POP OUT FLOATS NOT ARMED.FLOATATION EQUIP AVAIL,NOT USED.			
3-0167	2/3/76 TIME - 0915	DAHU,HI	HILLER ACFT OH-12E N108HA DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 29, 3963 TOTAL HOURS, 600 IN TYPE, NOT INSTRU- MENT RATED.
	DEPARTURE POINT HONOLULU,HI		INTENDED DESTINATION LOCAL		PHASE OF OPERATION IN FLIGHT SWATH RUN	
	TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES					
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS					
	FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS					
	SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 3963 KIND OF CROP - OTHER PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - SIDES ELEVATION-AREA BEING TREATED-FEET - 50				KIND OF OPERATION - SPRAYING CROPS TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTIUXIC GLOVES - USED CRASH HELMET - AVAILABLE USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - LEVEL,FLAT SWATH RUN-HOW FLOWN - WIND CALM	
	REMARKS-		HIT 6 PHONE WIRES. AREA PREV SURVEYED BY PLT. SPRAYING SUGAR CANE.			

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA
				F	S	M/N		
3-2719	9/24/76 TIME - 1442	HAENA,KAUAI,HI	HUGHES 369 N9261F DAMAGE-SUBSTANTIAL	CR- PX-	0 0	0 4	COMMERCIAL OTHER	COMMERCIAL, AGE 44, 5000 TOTAL HOURS, 152 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - HANAIEI HELIPAD DEPARTURE POINT HAENA,KAUAI,HI TYPE OF ACCIDENT MISCELLANEOUS COLLIDED WITH RESIDENCE(S)	INTENDED DESTINATION LOCAL				PHASE OF OPERATION TAKEOFF VERTICAL TAKEOFF ABORTED	
		PROBABLE CAUSE(S) PERSONNEL - MISCELLANEOUS-PERSONNEL PASSENGER MISCELLANEOUS ACTS,CONDITIONS - INTERFERENCE WITH FLIGHT CONTROLS FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS						
		REMARKS- PAX INADVERTENTLY BLOCKED R CYCLIC CTL WITH FOOT. M/R BLADES DMGD APT VERANDA. SIGHTSEEING FLT.						
3-0927	4/22/76 TIME - 1400	WORLEY, ID	HILLER ACFT UH-12E N101EH DAMAGE-SUBSTANTIAL	CR- PX-	0 0	0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 30, 1840 TOTAL HOURS, 400 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT WORLEY, ID TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	INTENDED DESTINATION LOCAL UNCONTROLLED				PHASE OF OPERATION TAKEOFF VERTICAL	
		PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS FACTOR(S) INSTRUMENTS/EQUIPMENT AND ACCESSORIES - MISCELLANEOUS EQUIPMENT OTHER						
		SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 1840 KIND OF CROP - GRAIN FIELDS PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - BELLY ELEVATION-AREA BEING TREATED- FEET - 3000					KIND OF OPERATION - FERTILIZING (DUST) TYPE OF CHEMICAL USED - DRY CHEMICAL-NONTOXIC GLOVES - NOT USED CRASH HELMET - AVAILABLE USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - ROLLING	
		REMARKS- LOADED FERTILIZER BUCKET ONTO TRUCK,R SKID CAUGHT UNDER CABLE,FLIPPED OVER WHEN LIFTING OFF.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1865	4/23/76 TIME - 1815	WHITE BIRD, ID	ENSTRON F-28A N715BP DAMAGE-DESTROYED INTENDED DESTINATION LOCAL	CR- 0 1 0 PX- 0 1 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 23, 40 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT WHITE BIRD, ID TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES			PHASE OF OPERATION IN FLIGHT NORMAL CRUISE			
PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING MISCELLANEOUS ACTS, CONDITIONS - UNWARRANTED LOW FLYING PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS FACTORS(S) TERRAIN - HIGH OBSTRUCTIONS FIRE AFTER IMPACT REMARKS- COLLIDED WITH WIRES WHICH WRAPPED AROUND H/R & T/R DRIVE SHAFTS. PLT AND PAX LATER DIED OF THEIR INJ.						
3-1592	5/17/76 TIME - 2040	NR. BURLEY, ID	BELL 47G3B1 N47042 DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 31, 540 TOTAL HOURS, 250 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT BURLEY, ID TYPE OF ACCIDENT COLLISION WITH GROUND/WATER CONTROLLED			PHASE OF OPERATION IN FLIGHT STARTING SWATH RUN			
PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE FACTORS(S) WEATHER - HIGH DENSITY ALTITUDE WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED WEATHER FORECAST - UNKNOWN/NOT REPORTED						
SKY CONDITION CLEAR VISIBILITY AT ACCIDENT SITE 5 OR OVER (UNLIMITED) OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE TYPE OF WEATHER CONDITIONS VFR			CEILING AT ACCIDENT SITE UNLIMITED PRECIPITATION AT ACCIDENT SITE NONE TEMPERATURE-F 75 TYPE OF FLIGHT PLAN NONE			
SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 30 KIND OF CROP - GRAIN FIELDS PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - SIDES ELEVATION-AREA BEING TREATED- FEET - 4400 REMARKS- PLT HAD 30 HR AG TIME. DENSITY ALT APT 6200FT.						
KIND OF OPERATION - SPRAYING CROPS TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC GLOVES - NOT USED CRASH HELMET - AVAILABLE USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - LEVEL, FLAT SWATH RUN-HOW FLOWN - WIND CALM						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N			FLIGHT PURPOSE	PILOT DATA	
3-1866	6/10/76 TIME - 0645	RUPERT, ID	HILLER ACFT UH-12E N68021 DAMAGE-DESTROYED	CR-	0	0	1	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL. INSTR., AGE 25, 1800 TOTAL HOURS, 500 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT RUPERT, ID	INTENDED DESTINATION LOCAL				PHASE OF OPERATION IN FLIGHT SWATH RUN		
		TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES							
		PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS							
		FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - SUNGLARE TERRAIN - HIGH OBSTRUCTIONS							
		SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 600 KIND OF CROP - GRAIN FIELDS PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - SIDES ELEVATION-AREA BEING TREATED- FEET - 4000					KIND OF OPERATION - SPRAYING CROPS TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC GLOVES - USED CRASH HELMET - AVAILABLE USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - HILLY		
		REMARKS- COLLIDED WITH WIRE.							
3-2200	6/17/76 TIME - 1100	NEZPERCE, ID	HILLER ACFT UH-12E N5944V DAMAGE-SUBSTANTIAL	CR-	0	0	1	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 36, 1380 TOTAL HOURS, 10 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT NEZPERCE, ID	INTENDED DESTINATION LOCAL				PHASE OF OPERATION TAKEOFF VERTICAL		
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER UNCONTROLLED							
		PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.							
		FACTOR(S) PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT							
		SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 1380 KIND OF CROP - PASTURE PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED GOGGLES - USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - SIDES ELEVATION-AREA BEING TREATED- FEET - 3000					KIND OF OPERATION - SPRAYING CROPS TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC GLOVES - NOT USED CRASH HELMET - AVAILABLE USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - MOUNTAINOUS		

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA
				F	S	M/N		
3-2204	7/8/76	NR.GOODING, ID	BELL 47G3B2 N1424W	CR- 0 0 1			NONCOMMERCIAL	COMMERCIAL, AGE 26, 2100 TOTAL HOURS, 120 IN TYPE, INSTRUMENT RATED.
	TIME - 0850		DAMAGE-SUBSTANTIAL	PX- 0 0 2			BUSINESS	
		DEPARTURE POINT GOODING, ID	INTENDED DESTINATION LOCAL					
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLISION WITH GROUND/WATER	CONTROLLED				PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING POWER-OFF AUTORDTATIVE LANDING	
		PROBABLE CAUSE(S) POWERPLANT - FUEL SYSTEM PUMPS MISCELLANEOUS ACTS, CONDITIONS - FUEL STARVATION						
		FACTOR(S) TERRAIN - ROUGH/UNEVEN COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND FIRE AFTER IMPACT						
		REMARKS-	ELECTRIC SOLENOID PRIMER VALVE BODY FND OPEN, NO FUEL IN CARB.					
3-1716	7/10/76	GOODING, ID	HUGHES 269A N7432F	CR- 0 0 1			COMMERCIAL	COMMERCIAL, FL INSTR., AGE 29, 3093 TOTAL HOURS, 190 IN TYPE, NOT INSTRU- MENT RATED.
	TIME - 1040		DAMAGE-SUBSTANTIAL	PX- 0 0 0			AERIAL APPLICATION	
		NAME OF AIRPORT - GOODING						
		DEPARTURE POINT GOODING, ID	INTENDED DESTINATION LOCAL					
		TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES					PHASE OF OPERATION IN FLIGHT STARTING SWATH RUN	
		PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS						
		SPECIAL DATA TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED KIND OF CROP - POTATOES PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - SIDES SWATH RUN-HOW FLOWN - UNKNOWN/NOT REPORTED					KIND OF OPERATION - SPRAYING CROPS TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC GLOVES - USED CRASH HELMET - AVAILARLF USED CRASH BAR - NOT INSTALLED ELEVATION-AREA BEING TREATED- FEET - 3750	

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2820	9/8/76	JEROME, ID	HILLER ACFT UH-12E N62346 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 37, 1140 TOTAL HOURS, 594 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - UN NAMED				
		DEPARTURE POINT JEROME, ID	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE NOSE OVER/DOWN	MAIN ROTOR		PHASE OF OPERATION TAKEDFF VERTICAL LANDING ROLL-ON/RUN-ON	
PROBABLE CAUSE(S) ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM CLUTCH ASSEMBLY MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE						
FACTOR(S) TERRAIN - ROUGH/UNEVEN EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
SPECIAL DATA						
		TOTAL HOURS IN CROP CONTROL - 503			KIND OF OPERATION - DEFOLIATION (LIQUID)	
		KIND OF CROP - OTHER			TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC	
		PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED			GLOVES - NOT USED	
		GOGGLES - NOT USED			CRASH HELMET - AVAILABLE USED	
		COCKPIT CRASHPAD - NOT INSTALLED			CRASH BAR - NOT INSTALLED	
		TANK/HOPPER-LOCATION - SIDES			TERRAIN-TYPE - ROLLING	
REMARKS- CLUTCH SLIPPED. HIT ROAD BANK. SPRAYING ALFALFA.						
3-3085	9/27/76	CLARK FORK, ID	HILLER ACFT UH-12E N62409 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PRACTICE	COMMERCIAL, AGE UNK/NR, 3005 TOTAL HOURS, 104 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT CLARK FORK, ID	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT HARD LANDING			PHASE OF OPERATION LANDING POWER-OFF AUTOROTATIVE LANDING	
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE						
FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - SIMULATED CONDITIONS						
REMARKS- PRACTICE AUTOROTATION.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0355	3/15/76 TIME - 1745	ST JACOB, IL	HILLER UH-12D N62417 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PRACTICE	COMMERCIAL, FL. INSTR., AGE 26, 1200 TOTAL HOURS, 23 IN TYPE, NOT INSTRU- MENT RATED.
		NAME OF AIRPORT - BERGMANN-TAYLOR DEPARTURE POINT ST JACOB, IL TYPE OF ACCIDENT HARD LANDING	INTENDED DESTINATION LOCAL	PHASE OF OPERATION LANDING POWER-ON LANDING		
		PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.				
3-0988	4/29/76 TIME - 1245	ELDRED, IL	HILLER ACFT UH-12D N62417 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL. INSTR., AGE 27, 1541 TOTAL HOURS, 91 IN TYPE, NOT INSTRU- MENT RATED.
		DEPARTURE POINT ST JACOB, IL TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH DITCHES	INTENDED DESTINATION KANE, IL	PHASE OF OPERATION IN FLIGHT SWATH RUN LANDING POWER-OFF AUTOROTATIVE LANDING		
		PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION OTHER MISCELLANEOUS ACTS, CONDITIONS - FUEL CONTAMINATION-EXCLUSIVE OF WATER IN FUEL COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE				
		SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 80 KIND OF CROP - OTHER PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - AFT OF PILOT ELEVATION-AREA BEING TREATED- FEET - 400 REMARKS- CARB BOWL CONTAINED A RED OILY LIQUID. ACFT ROLLED FORWARD. MAIN ROTOR CUT OFF TAIL BOOM.				
		KIND OF OPERATION - DEFOLIATION (LIQUID) TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC GLOVES - USED CRASH HELMET - AVAILABLE USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - ROLLING SWATH RUN-HOW FLOWN - WIND CALM				



BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA	
				F	S	M/N			
3-1761	5/4/76	LAWRENCEVILLE,IL	BELL 47G-2 N200J DAMAGE-SUBSTANTIAL	CR- PX-	0 0	1 0	0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, FL.INSTR., AGE 29, 5995 TOTAL HOURS, 810 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - LAWRENCEVILLE-VIN							
		DEPARTURE POINT		INTENDED DESTINATION					
		LAWRENCEVILLE,IL		LOCAL					
		TYPE OF ACCIDENT				PHASE OF OPERATION			
		COLLISION WITH GROUND/WATER		UNCONTROLLED		IN FLIGHT		OTHER	
		PROBABLE CAUSE(S)							
		MISCELLANEOUS - UNDETERMINED							
		SPECIAL DATA							
		TOTAL HOURS IN CROP CONTROL - 4800				KIND OF OPERATION - ANTI-FROST OPERATIONS			
		KIND OF CROP - TOMATOES				GLOVES - NOT USED			
		GOGGLES - NOT USED				CRASH HELMET - AVAILABLE-NOT USED			
		COCKPIT CRASHPAD - NOT INSTALLED				CRASH BAR - NOT INSTALLED			
		TANK/HOPPER-LOCATION - BELLY				ELEVATION-AREA BEING TREATED-FEET - 426			
3-2129	6/20/76	CARLYLE,IL	BELL 47J-2A N3537S DAMAGE-DESTROYED	CR- PX-	0 0	1 0	0 0	NONCOMMERCIAL BUSINESS	COMMERCIAL, AGE 48, 10000 TOTAL HOURS, 3500 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT		INTENDED DESTINATION					
		CARLYLE,IL		ST LOUIS,IL					
		TYPE OF ACCIDENT				PHASE OF OPERATION			
		PROPELLER/ROTOR FAILURE		MAIN ROTOR		IN FLIGHT		NORMAL CRUISE	
		COLLISION WITH GROUND/WATER		UNCONTROLLED		IN FLIGHT		UNCONTROLLED DESCENT	
		PROBABLE CAUSE(S)							
		PERSONNEL - MAINTENANCE,SERVICING,INSPECTION		INADEQUATE MAINTENANCE AND INSPECTION					
		ROTORCRAFT - ROTOR ASSEMBLIES		MAIN ROTOR HEAD ASSEMBLIES					
		MISCELLANEOUS ACTS,CONDITIONS - DISCONNECTED							
		FIRE AFTER IMPACT							
		REMARKS-		CONTROL TUBE (F AND A SWASHPLATE P/N 47-724-110-1) DID NOT HAVE BOLT THRU BALL END.					

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2898	7/20/76 TIME - 1300	MAROA,IL	HUGHES 269C N7435F DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 31, 910 TOTAL HOURS, 350 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT RUAL FORSYTH,IL	INTENDED DESTINATION LOCAL	PHASE OF OPERATION IN FLIGHT OTHER		
		TYPE OF ACCIDENT FIRE OR EXPLOSION	IN FLIGHT			
PROBABLE CAUSE(S) POWERPLANT - FUEL SYSTEM LINES AND FITTINGS MISCELLANEOUS ACTS,CONDITIONS - DISCONNECTED						
FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - FIRE IN ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 910 KIND OF CROP - CORN PILOT'S SEAT BELT - NOT FASTENED GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - SIDES ELEVATION-AREA BEING TREATED-FEET - 680						
REMARKS- MALE FITTING FROM BOTTOM OF FUEL TANK TO WHICH FUEL LINE B NUT ATTACHES WAS NOT FOUND. KIND OF OPERATION - SPRAYING CROPS TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC GLOVES - USED CRASH HELMET - AVAILABLE USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - LEVEL,FLAT SWATH RUN-HOW FLOWN - UNKNOWN/NOT REPORTED						
3-4078	7/24/76 TIME - 1615	NR.WOODLAND,IL	HUGHES 369HS N9200F DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 32, 1675 TOTAL HOURS, 360 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT WOODLAND,IL	INTENDED DESTINATION LOCAL	PHASE OF OPERATION IN FLIGHT PROCEDURE TURNAROUND IN FLIGHT PROCEDURE TURNAROUND		
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH CROP				
PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS						
FACTOR(S) TERRAIN - HIGH VEGETATION COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
SPECIAL DATA TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED KIND OF CROP - BEANS PILOT'S SEAT BELT - FASTENED-PROPERLY ELEVATION-AREA BEING TREATED-FEET - 650						
KIND OF OPERATION - SPRAYING CROPS TYPE OF CHEMICAL USED - UNKNOWN/NOT REPORTED TERRAIN-TYPE - LEVEL,FLAT SWATH RUN-HOW FLOWN - UNKNOWN/NOT REPORTED						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA	
				F	S	M/N			
3-2973	7/29/76 TIME - 1930	ROCKFORD, IL	SPORTSTER HA-2M N158 DAMAGE-SUBSTANTIAL	CR- PX-	0 0	0 0	1 1	MISCELLANEOUS DEMONSTRATION	COMMERCIAL, FL. INSTR., AGE 53, 5060 TOTAL HOURS, 1 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - GREATER ROCKFORD DEPARTURE POINT ROCKFORD, IL TYPE OF ACCIDENT HARD LANDING		INTENDED DESTINATION LOCAL		PHASE OF OPERATION LANDING POWER-ON LANDING			
		PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT REMARKS- PLT RPTD RPM LOW.							
3-4089	9/11/76 TIME - 0900	WAIKEGAN, IL	BRANTLY B2B N44DS DAMAGE-SUBSTANTIAL	CR- PX-	0 0	0 0	2 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL. INSTR., AGE 44, 1597 TOTAL HOURS, 127 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - WAIKEGAN MEMORIAL DEPARTURE POINT WAIKEGAN, IL TYPE OF ACCIDENT HARD LANDING		INTENDED DESTINATION LOCAL		PHASE OF OPERATION LANDING POWER-ON LANDING			
		PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT DUAL STUDENT - IMPROPER OPERATION OF FLIGHT CONTROLS							
3-3329	10/9/76 TIME - 1315	GALESBURG, IL	BRANTLEY 305 N2214U DAMAGE-DESTROYED	CR- PX-	0 0	1 0	0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 29, 1120 TOTAL HOURS, 244 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT ALEDO, IL TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE COLLISION WITH GROUND/WATER		INTENDED DESTINATION GALESBURG, IL		PHASE OF OPERATION IN FLIGHT NORMAL CRUISE IN FLIGHT UNCONTROLLED DESCENT			
		PROBABLE CAUSE(S) ROTORCRAFT - ROTOR ASSEMBLIES TAIL ROTOR BLADES MISCELLANEOUS ACTS, CONDITIONS - IMPROPERLY INSTALLED PERSONNEL - MAINTENANCE, SERVICING, INSPECTION INADEQUATE MAINTENANCE AND INSPECTION FACTORS(S) MISCELLANEOUS ACTS, CONDITIONS - SEPARATION IN FLIGHT EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND FIRE AFTER IMPACT REMARKS- TAILROTOR BLADE SEPARATED IN FLT.							

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA
				F	S	M/N		
3-4170	12/11/76	NR. PONTIAC, IL TIME - 1425	HUGHES 369C N9135F DAMAGE-SUBSTANTIAL	CR- 0	1	0	NONCOMMERCIAL	PRIVATE, AGE 51, 261 TOTAL HOURS, 24 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT PONTIAC, IL	INTENDED DESTINATION LOCAL					
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING					PHASE OF OPERATION LANDING POWER-OFF AUTOROTATIVE LANDING LANDING POWER-OFF AUTOROTATIVE LANDING	
		PROBABLE CAUSE(S) POWERPLANT - TURBINE ASSEMBLY WHEEL TURBINE MISCELLANEOUS ACTS, CONDITIONS - PREVIOUS DAMAGE PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- ENG FAILED DRG PRACT AUTOROTATION. THERMAL FATIGUE, OUTER RIM. EVIDENCE OF PREVIOUS OIL FIRE,						
3-0871	5/15/76	HERRON, IN TIME - 1830	HUGHES 269C N9653F DAMAGE-SUBSTANTIAL	CR- 0	0	1	NONCOMMERCIAL	PRIVATE, AGE 36, 237 TOTAL HOURS, 69 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT MERRILLVILLE, IN	INTENDED DESTINATION LOCAL					
		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 - MATERIAL FAILURE PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- NR 4 CYL CONNECTING ROD FAILED.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1766	5/22/76 TIME - 0915	MONTICELLO, IN	BELL 47G-2 N9230Z DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 32, 734 TOTAL HOURS, 154 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT MONTICELLO, IN	INTENDED DESTINATION LOCAL	PHASE OF OPERATION		
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH TREES		IN FLIGHT PULLUP FROM SWATH RUN IN FLIGHT AUTOROTATIVE DESCENT		
PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS						
FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
SPECIAL DATA						
		TOTAL HOURS IN CROP CONTROL - 65		KIND OF OPERATION - SPRAYING CROPS		
		KIND OF CROP - CORN		TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC		
		GLOVES - USED		CRASH HELMET - AVAILABLE USED		
		COCKPIT CRASHPAD - NOT INSTALLED		CRASH BAR - NOT INSTALLED		
		TANK/HOPPER-LOCATION - SIDES		TERRAIN-TYPE - LEVEL, FLAT		
		ELEVATION-AREA BEING TREATED- FEET - 675		SWATH RUN-HOW FLOWN - DOWNWIND		
		PROCEDURE TURNAROUND - FIRST 1/3 TURN				
3-1522	6/10/76 TIME - 1600	MOORESVILLE, IN	RENSEN B7MC N12059 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 55, 190 TOTAL HOURS, 120 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - KELLY FIELD DEPARTURE POINT MOORESVILLE, IN	INTENDED DESTINATION LOCAL	PHASE OF OPERATION		
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING		LANDING TRAFFIC PATTERN-CIRCLING 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 PILOT IN COMMAND - IMPROPER LEVEL OFF COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1377	6/21/76 TIME - 1410	MEDARYVILLE, IN	AEROSPATLE SE3160 N47256 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PRACTICE	COMMERCIAL, AGE 40, 4100 TOTAL HOURS, 100 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - HANGER AREA DEPARTURE POINT MEDARYVILLE, IN TYPE OF ACCIDENT MISCELLANEOUS ROLL OVER	INTENDED DESTINATION LOCAL		PHASE OF OPERATION TAKEOFF VERTICAL TAKEOFF OTHER	
		PROBABLE CAUSE(S) PERSONNEL - PRODUCTION-DESIGN-PERSONNEL POOR/INADEQUATE DESIGN MISCELLANEOUS ACTS, CONDITIONS - CARGO SHIFTED REMARKS- AFT RESTRAINING STRAPS OF HOPPER TANK BROKE.				
3-0384	3/17/76 TIME - 0935	DOWS, IA	BELL 47G-2 N90529 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 29, 3400 TOTAL HOURS, 2500 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT DOWS, IA TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES	INTENDED DESTINATION LOCAL		PHASE OF OPERATION IN FLIGHT SWATH RUN	
		PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS				
		SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 3400 KIND OF CROP - OTHER COCKPIT CRASHPAD - INSTALLED TANK/HOPPER-LOCATION - AFT OF PILOT ELEVATION-AREA BEING TREATED- FEET - 1100			KIND OF OPERATION - SEEDING CROPS CRASH HELMET - AVAILABLE USED CRASH BAR - INSTALLED TERRAIN-TYPE - LEVEL, FLAT SWATH RUN-HOW FLOWN - UPWIND	
3-0799	4/27/76 TIME - 1730	MARSHALLTOWN, IA	BRANTLEY B-2B N5987X DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 25, 250 TOTAL HOURS, 32 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT MARSHALLTOWN, IA TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION NOSE OVER/DOWN	INTENDED DESTINATION LOCAL		PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING POWER-OFF AUTOROTATIVE LANDING	
		PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PERSONNEL - MISCELLANEOUS-PERSONNEL PASSENGER MISCELLANEOUS ACTS, CONDITIONS - INTERFERENCE WITH FLIGHT CONTROLS COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- PAX ACCIDENTALLY TURNED IGN OFF WITH FOOT, ALSO RESTRICTED CYCLIC CTL WITH LEG DRG EMERG LOG.				

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1259	6/6/76 TIME - 0700	DALLAS CENTER, IA	HILLER ACFT UH-12D N79SW DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 29, 2338 TOTAL HOURS, 21 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT DALLAS CENTER, IA		INTENDED DESTINATION LOCAL		PHASE OF OPERATION IN FLIGHT PULLUP FROM SWATH RUN	
	TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES					
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS					
	SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 15 KIND OF CROP - OTHER PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - USED COCKPIT CRASHPAD - INSTALLED TANK/HOPPER-LOCATION - AFT OF PILOT ELEVATION-AREA BEING TREATED- FEET - 1015 PROCEDURE TURNAROUND - THIRD 1/3 TURN FIRE AFTER IMPACT				KIND OF OPERATION - SPRAYING CROPS TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC GLOVES - USED CRASH HELMET - AVAILABLE USED CRASH BAR - INSTALLED TERRAIN-TYPE - ROLLING SWATH RUN-HOW FLOWN - WIND CALM	
3-2247	6/27/76 TIME - 1600	KEOKUK, IA	BELL 47J-2A NR523F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS OTHER PUBLIC	COMMERCIAL, AGE 26, 1347 TOTAL HOURS, 60 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT KEOKUK, IA		INTENDED DESTINATION LOCAL		PHASE OF OPERATION IN FLIGHT HOVERING	
	TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES					
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS REMARKS- HIT A TELEPHONE CABLE.					

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3017	7/23/76	CLUTIER, IA	HUGHES 269C N9580F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 26, 332 TOTAL HOURS, 77 IN TYPE, NOT INSTRUMENT RATED.
	TIME - 2000					
	DEPARTURE POINT LEGRAND, IA	INTENDED DESTINATION LOCAL				
	TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING				PHASE OF OPERATION IN FLIGHT SWATH RIN LANDING POWER-OFF AUTOROTATIVE LANDING	
	PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION INSTRUMENTS/EQUIPMENT AND ACCESSORIES - MISCELLANEOUS EQUIPMENT MISCELLANEOUS ACTS, CONDITIONS - IMPROPER ALIGNMENT/ADJUSTMENT					
	FACTORS(S) MISCELLANEOUS ACTS, CONDITIONS - LOAD NOT JETTISONED EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND					
	SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 24 KIND OF CROP - CORN PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - SIDES ELEVATION-AREA BEING TREATED- FEET - 974				KIND OF OPERATION - SPRAYING CROPS TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTXIC GLOVES - NOT USED CRASH HELMET - AVAILABLE USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - ROLLING SWATH RUN-HOW FLOWN - WIND CALM	
	REMARKS- MOTORIZED IDLER & LIQUID PUMP PULLEYS WERE 3/4 IN OUT OF ALIGNMENT. PLT UN MAINTAIN ROTOR RPM.					
3-3016	7/29/76	OSKALOOSA, IA	BELL 47G-2 N12412 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, FL. INSTR., AGE 37, 2291 TOTAL HOURS, 387 IN TYPE, NOT INSTRU- MENT RATED,
	TIME - 1545					
	DEPARTURE POINT OSKALOOSA, IA	INTENDED DESTINATION LOCAL				
	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 - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE					
	FACTORS(S) TERRAIN - HIGH VEGETATION PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND					
	SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 2290 KIND OF CROP - CORN PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - NOT USED TANK/HOPPER-LOCATION - SIDES ELEVATION-AREA BEING TREATED- FEET - 840				KIND OF OPERATION - FERRY TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC GLOVES - NOT USED CRASH HELMET - AVAILABLE USED TERRAIN-TYPE - LEVEL, FLAT	
	REMARKS- LOUD NOISE, LIKE A BACKFIRE, PRIOR TO PWR LOSS.					



BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0533	2/15/76 TIME - 1345	CHARLESTON,KS	BELL 47G N9678 DAMAGE-DESTROYED INTENDED DESTINATION LOCAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PRACTICE	COMMERCIAL, AGE 42, 3232 TOTAL HOURS, 132 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT CHARLESTON,KS				PHASE OF OPERATION LANDING POWER-OFF AUTOROTATIVE LANDING LANDING POWER-OFF AUTOROTATIVE LANDING	
	TYPE OF ACCIDENT HARD LANDING ROLL OVER					
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS					
	FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND					
	REMARKS- PRIOR TO SLIDE-ON TYPE LNDG PLT RPTD HE FELT LIKE HE RAN OUT OF UP COLLECTIVE CTL.					
3-0636	3/13/76 TIME - 0955	DODGE CITY,KS	BRANTLEY R-2 N5903X DAMAGE-SUBSTANTIAL INTENDED DESTINATION DODGE CITY,KS	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL BUSINESS	COMMERCIAL, AGE 22, 649 TOTAL HOURS, 56 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT FREDERICK,OK				PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING POWER-OFF AUTOROTATIVE LANDING	
	TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION ROLL OVER					
	PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.					
	FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND					
	REMARKS- FLD RECENTLY PLOWED,OPEN AREA AVRL.					

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2145	5/18/76 TIME - 1930	ELKHART,KS	HUGHES 369 N9153F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 49, 10007 TOTAL HOURS, 57 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - ELKHART-MORTON CO DEPARTURE POINT ELKHART,KS TYPE OF ACCIDENT BIRD STRIKE	INTENDED DESTINATION LOCAL		PHASE OF OPERATION IN FLIGHT SWATH RUN	
		PROBABLE CAUSE(S) MISCELLANEOUS - BIRD COLLISION				
		SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 5000 KIND OF CROP - OTHER PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - NOT USED COCKPIT CRASHPAD - INSTALLED TANK/HOPPER-LOCATION - AFT OF PILOT ELEVATION-AREA BEING TREATED-FEET - 3620			KIND OF OPERATION - OTHER TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC GLOVES - NOT USED CRASH HELMET - AVAILABLE USED CRASH BAR - INSTALLED TERRAIN-TYPE - ROLLING SWATH RUN-HOW FLOWN - CROSSWIND	
		REMARKS- BIRD STRUCK SPRAY BOOM BRACE AND IT HIT	TAILBOOM, SPRAYING SAGEBRUSH.			
3-1060	6/4/76 TIME - 1730	SUBLETTE,KS	BELL 470-1 N90AB DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 24, 1775 TOTAL HOURS, 635 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT SUBLETTE,KS TYPE OF ACCIDENT COLLIDED WITH CROP	INTENDED DESTINATION LOCAL		PHASE OF OPERATION IN FLIGHT SWATH RUN	
		PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED CLEARANCE				
		SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 580 KIND OF CROP - GRAIN FIELDS GLOVES - USED CRASH HELMET - NOT AVAILABLE CRASH BAR - NOT INSTALLED TERRAIN-TYPE - ROLLING SWATH RUN-HOW FLOWN - CROSSWIND			KIND OF OPERATION - SPRAYING CROPS TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - SIDES ELEVATION-AREA BEING TREATED-FEET - 3000	
		REMARKS- WHEAT ENTANGLED IN THE SKIDS-PULLED ACFT INTO GROUND.				

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1262	6/14/76	SCOTT CITY,KS	BELL 47G5 N4095G DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS FERRY	COMMERCIAL, AGE 19, 401 TOTAL HOURS, 76 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT SCOTT CITY,KS	INTENDED DESTINATION LOCAL		PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING POWER-OFF AUTOROTATIVE LANDING	
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION ROLL OVER				
		PROBABLE CAUSE(S) PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.				
		FACTORS(S) TERRAIN - ROUGH/UNEVEN COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND				
		REMARKS- DPTD FARM 25 MI NW OF CITY.				

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1961	8/7/76	ALDEN,KS	HUGHES 269A NR873F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL INSTR., AGE 26, 1925 TOTAL HOURS, 400 IN TYPE, NOT INSTRU- MENT RATED.
		DEPARTURE POINT ALDEN,KS	INTENDED DESTINATION LOCAL		PHASE OF OPERATION IN FLIGHT PROCEDURE TURNAROUND	
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	CONTROLLED			
		PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS				
		FACTOR(S) WEATHER - UNFAVORABLE WIND CONDITIONS WEATHER BRIEFING - UNKNOWN/NOT REPORTED WEATHER FORECAST - UNKNOWN/NOT REPORTED				
		SKY CONDITION SCATTERED			CEILING AT ACCIDENT SITE UNLIMITED	
		VISIBILITY AT ACCIDENT SITE 5 OR OVER (UNLIMITED)			PRECIPITATION AT ACCIDENT SITE NONE	
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE			WIND DIRECTION-DEGREES 135	
		WIND VELOCITY-KNOTS 10			TYPE OF WEATHER CONDITIONS VFR	
		TYPE OF FLIGHT PLAN NONE				
		SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 312 KIND OF CROP - OTHER PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - SIDES ELEVATION-AREA BEING TREATED- FEET - 1680 PROCEDURE TURNAROUND - FIRST 1/3 TURN			KIND OF OPERATION - SPRAYING CROPS TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC GLOVES - NOT USED CRASH HELMET - AVAILABLE-NOT USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - LEVEL, FLAT SWATH RUN-HOW FLOWN - UPWIND	
3-3665	9/18/76	OXFORD,KS	AIR & SPACE 18A. N73546 DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 47, 4500 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT BELLE PLAINE KS	INTENDED DESTINATION ARKANSAS CITY KS		PHASE OF OPERATION IN FLIGHT NORMAL CRUISE	
		TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES				
		PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS MISCELLANEOUS ACTS, CONDITIONS - UNWARRANTED LOW FLYING				
		FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER				
		REMARKS- HIT PWR LINES APRX 50FT OVR RIVER.				

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0680	2/20/76 TIME - 1430	PIKEVILLE, KY	HINE-COPTER R100 N2137 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL. INSTR., AGE 21, 3400 TOTAL HOURS, 10 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - PIKEVILLE	INTENDED DESTINATION	PHASE OF OPERATION		
		DEPARTURE POINT PIKEVILLE, KY	LOCAL	LANDING TRAFFIC PATTERN-CIRCLING		
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION		LANDING POWER-OFF AUTOROTATIVE LANDING		
		HARD LANDING				
PROBABLE CAUSE(S)						
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS						
PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE						
FACTOR(S)						
PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT						
TERRAIN - ROUGH/UNEVEN						
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE						
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
REMARKS- ENGINE MODEL MCCULLOCH 4318A. ROTOR BLADES STRUCK GND.						
3-2207	1/19/76 TIME - 1430	NR. INTERCSTL CITY, LA	BELL 206B N143PA DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 30, 3293 TOTAL HOURS, 1076 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT LAFAYETTE, LA	INTENDED DESTINATION EUGENE ISLAND, LA	PHASE OF OPERATION		
		TYPE OF ACCIDENT AIRFRAME FAILURE	IN FLIGHT	IN FLIGHT OTHER		
PROBABLE CAUSE(S)						
PILOT IN COMMAND - EXCEEDED DESIGNFD STRESS LIMITS OF AIRCRAFT						
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS						
MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION						
MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE						
FACTOR(S)						
MISCELLANEOUS ACTS, CONDITIONS - SEPARATION IN FLIGHT						
REMARKS- FLT OVR WILDLIFE REFUGE						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0171	2/16/76 TIME - 1350	BATON ROUGE, LA	AIR & SPACE 18A N6154S DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 52, 300 TOTAL HOURS, 58 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - RYAN DEPARTURE POINT BATON ROUGE, LA TYPE OF ACCIDENT AIRFRAME FAILURE ON GROUND	INTENDED DESTINATION JACKSON, LA		PHASE OF OPERATION STATIC IDLING ROTORS	
		PROBABLE CAUSE(S) ROTORCRAFT - ROTOR ASSEMBLIES MAIN ROTOR HEAD ASSEMBLIES MISCELLANEOUS ACTS, CONDITIONS - FATIGUE FRACTURE FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - VIBRATION, EXCESSIVE REMARKS- M/R BLADE DRAG STRAP LINK FAILED. M/R BLADES & HEAD SEPARATED.				
3-3102	4/17/76 TIME - 1415	NR. LEEVILLE, LA	BELL 206B N14856 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 32, 2379 TOTAL HOURS, 70 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - BLOCK 21 NO 55 DEPARTURE POINT LEEVILLE, LA TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE MAIN ROTOR	INTENDED DESTINATION LEEVILLE, LA		PHASE OF OPERATION LANDING TRAFFIC PATTERN-CIRCLING	
		PROBABLE CAUSE(S) ROTORCRAFT - ROTOR ASSEMBLIES OTHER MISCELLANEOUS ACTS, CONDITIONS - FATIGUE FRACTURE MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE PERSONNEL - PRODUCTION-DESIGN-PERSONNEL SUBSTANDARD QUALITY CONTROL FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER REMARKS- MAIN ROTOR TENSION-TORSION STRAP FAILED				
3-1182	5/15/76 TIME - 1900	DEQUINCY, LA	ROBERTSON B8M N31170 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS TEST	PRIVATE, AGE 55, 612 TOTAL HOURS, 12 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - DEQUINCY DEPARTURE POINT DEQUINCY, LA TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING	INTENDED DESTINATION LOCAL		PHASE OF OPERATION LANDING TRAFFIC PATTERN-CIRCLING LANDING POWER-OFF AUTOROTATIVE LANDING	
		PROBABLE CAUSE(S) POWERPLANT - ENGINE STRUCTURE CYLINDER ASSEMBLY MISCELLANEOUS ACTS, CONDITIONS - SCORED MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION TERRAIN - HIGH OBSTRUCTIONS COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- ENG QUIT ON DOWNWIND LEG. LOST ROTOR RPM AVOIDING TALL TREES.				

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1594	5/31/76 TIME - 1743	BATON ROUGE, LA	BELL 47J-2 N73255 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 3	COMMERCIAL AIR TAXI-PASSG.	COMMERCIAL, AGE 31, 3646 TOTAL HOURS, 257 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - RYAN DEPARTURE POINT NEW ORLEANS, LA TYPE OF ACCIDENT ROLL OVER	INTENDED DESTINATION BATON ROUGE, LA		LAST ENROUTE STOP PLAQUEMINE, LA PHASE OF OPERATION TAXI GROUND TAXI FROM LANDING	
		PROBABLE CAUSE(S) PILOT IN COMMAND - EXERCISED POOR JUDGMENT PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS				
		FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - DOWNWIND FIRE AFTER IMPACT				
3-1467	6/10/76 TIME - 0920	WALKER, LA	BELL 47G-5 N4713R DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 34, 980 TOTAL HOURS, 380 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT UNKNOWN/NOT REPORTED TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING	INTENDED DESTINATION LOCAL		PHASE OF OPERATION IN FLIGHT RETURN TO STRIP LANDING POWER-OFF AUTOROTATIVE LANDING	
		PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING MISCELLANEOUS ACTS, CONDITIONS - WATER IN FUEL PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE				
		FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES + FORCED LANDING OFF AIRPORT ON LAND REMARKS- CLEARING AMONG TREES. NO LOAD ABD.				

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3626	6/13/76	NR,INTRACOASTAL,LA	BOLKOW B0105C N149BB DAMAGE-SUBSTANTIAL	CR- 1 0 0 PX- 0 0 3	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 43, 4674 TOTAL HOURS, 203 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT INTRACOASTAL,LA	INTENDED DESTINATION GULF OF MEXICO		PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING POWER-ON LANDING	
		TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE MAIN ROTOR DITCHING				
		PROBABLE CAUSE(S) ROTORCRAFT - ROTOR ASSEMBLIES MAIN ROTOR BLADES PERSONNEL - PRODUCTION-DESIGN-PERSONNEL POOR/INADEQUATE DESIGN MISCELLANEOUS ACTS,CONDITIONS - CORRODED/CORROSION				
		FACTOR(S) PILOT IN COMMAND - FAILED TO USE OR INCORRECTLY USED MISC.EQUIPMENT MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER				
		REMARKS- M/R INERTIA WEIGHTS SEPARATED & HIT T/R BLADE. PLTS SHOULDER HARNESS FOUND HANGING OVER SEAT RACK				
3-1873	7/15/76	BERWICK,LA	BELL 206B N8176J DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 1 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 28, 4312 TOTAL HOURS, 533 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - BERWICK	INTENDED DESTINATION GULF OF MEXICO		PHASE OF OPERATION TAKEOFF VERTICAL	
		DEPARTURE POINT BERWICK,LA				
		TYPE OF ACCIDENT ROLL OVER				
		PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS				
		FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS UNMARKED OBSTRUCTIONS FIRE AFTER IMPACT				
		REMARKS- GRASS FIRE ONLY. SKID CAUGHT UNDER REFUELING LINE.				



## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA
				F	S	M/M		
3-3294	7/25/76 TIME - 0905	ROCKPORT, LA	BOLKOW BO-105 N90656 DAMAGE-SUBSTANTIAL	CR- PX-	0 0	0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 45, 6175 TOTAL HOURS, 194 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - ARANSAS COUNTY				PHASE OF OPERATION		
		DEPARTURE POINT	INTENDED DESTINATION			IN FLIGHT HOVERING		
		FREEPORT, TX	ROCKPORT, LA			LANDING POWER-ON LANDING		
		TYPE OF ACCIDENT						
		PROPELLER/ROTOR FAILURE	TAIL ROTOR					
		HARD LANDING						
		PROBABLE CAUSE(S)						
		PERSONNEL - MAINTENANCE, SERVICING, INSPECTION		IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL)				
		PERSONNEL - MAINTENANCE, SERVICING, INSPECTION		INADEQUATE INSPECTION OF AIRCRAFT (MAINTENANCE PERSONNEL)				
		ROTORCRAFT - FLIGHT CONTROL SYSTEMS		TAIL ROTOR PITCH CONTROL SYSTEM				
		MISCELLANEOUS ACTS, CONDITIONS - IMPROPERLY SECURED						
		MISCELLANEOUS ACTS, CONDITIONS - MISSING						
		EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
		REMARKS- COTTER PIN SECURING NUT ON LOWER T/R BELLCRANK BOLT NOT INSTALLED AFTER REASSEMBLY.						
3-3287	8/4/76 TIME - 1140	NR. INTRCOSTL CITY, LA	HUGHES 369 N9125F DAMAGE-DESTROYED	CR- PX-	0 0	1 0	MISCELLANEOUS FERRY	COMMERCIAL, AGE 27, 3588 TOTAL HOURS, 126 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT	INTENDED DESTINATION			PHASE OF OPERATION		
		INTRCOSTL CITY, LA	LOCAL			TAKEOFF INITIAL CLIMB		
		TYPE OF ACCIDENT				LANDING LEVEL OFF/TOUCHDOWN		
		PROPELLER/ROTOR FAILURE	TAIL ROTOR					
		COLLISION WITH GROUND/WATER		CONTROLLED				
		PROBABLE CAUSE(S)						
		ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM		TAIL ROTOR DRIVE SHAFT ASSEMBLY				
		MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE						
		PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC.						
		FACTOR(S)						
		MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER						
		EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER						
		REMARKS- POP OUT FLOATS NOT INFLATED. TAIL ROTOR DRIVE SHAFT FAILED, CAUSE UNKNOWN. FRACTURES OBLITERATED.						
3-3870	12/11/76 TIME - 0856	NR. MORGAN CITY, LA	BELL 206B N49669 DAMAGE-SUBSTANTIAL	CR- PX-	0 0	0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 36, 7027 TOTAL HOURS, 2724 IN TYPE, INSTRUMENT RATED,
		NAME OF AIRPORT - SHIP SHOAL 168A				PHASE OF OPERATION		
		DEPARTURE POINT	INTENDED DESTINATION			STATIC IDLING ROTORS		
		MORGAN CITY, LA	SHIP SHOAL 154					
		TYPE OF ACCIDENT						
		PROPELLER/ROTOR FAILURE	MAIN ROTOR					
		PROBABLE CAUSE(S)						
		PERSONNEL - MAINTENANCE, SERVICING, INSPECTION		IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL)				
		ROTORCRAFT - ROTOR ASSEMBLIES		MAIN ROTOR HEAD ASSEMBLIES				
		MISCELLANEOUS ACTS, CONDITIONS - FATIGUE FRACTURE						
		REMARKS- TENSION TORSION STRAP SEPARATED						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA	
				F	S	M/N			
3-0097	1/9/76 TIME - 0850	CALIFORNIA, MD	SIKORSKY S-55 N349B DAMAGE-SUBSTANTIAL	CR- PX-	1 0	0 0	1 0	COMMERCIAL CONSTRUCTION	COMMERCIAL, AGE 27, 3140 TOTAL HOURS, 100 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT LEONARDTOWN, MD		INTENDED DESTINATION SOLOMONS, MD						
	TYPE OF ACCIDENT COLLISION WITH GROUND/WATER		UNCONTROLLED					PHASE OF OPERATION IN FLIGHT OTHER	
	PROBABLE CAUSE(S) PERSONNEL - PRODUCTION-DESIGN-PERSONNEL INCORRECT FACTORY INSTALLATION ROTORCRAFT - FLIGHT CONTROL SYSTEMS CYCLIC PITCH CONTROL SYSTEM MISCELLANEOUS ACTS, CONDITIONS - IMPROPER CLEARANCE-TOLERANCE								
	FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER SUSPECTED MECHANICAL DISCREPANCY								
	REMARKS- WHEEL EOPD, FORE AND AFT SERVO P/N 514-40-5003 STEEL CYL SLEEVE AGAINST UPPER END CAP, FORTNER OVHLD								
3-1268	5/31/76 TIME - 1420	GAITHERSBURGH, MD	HUGHES 269B N9397F DAMAGE-SUBSTANTIAL	CR- PX-	0 0	0 0	2 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL. INSTR., AGE 31, 1125 TOTAL HOURS, 130 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - MONTGOMERY COUNTY DEPARTURE POINT GAITHERSBURGH, MD		INTENDED DESTINATION LOCAL						
	TYPE OF ACCIDENT ROLL OVER							PHASE OF OPERATION IN FLIGHT HOVERING	
	PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS								
3-0014	1/5/76 TIME - 1155	SAGINAW, MI	HUGHES 269C N9685F DAMAGE-SUBSTANTIAL	CR- PX-	0 0	0 0	1 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 31, 63 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT SAGINAW, MI		INTENDED DESTINATION LOCAL						
	TYPE OF ACCIDENT COLLISION WITH GROUND/WATER		CONTROLLED					PHASE OF OPERATION IN FLIGHT HOVERING	
	PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED CLEARANCE								

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0689	3/9/76 TIME - 1115	ADRIAN,MI	BELL 47G-5 N8563F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, FL.INSTR., AGE 30, 3000 TOTAL HOURS, 1000 IN TYPE, NOT INSTRU- MENT RATED.
		DEPARTURE POINT ADRIAN,MI	INTENDED DESTINATION LOCAL		PHASE OF OPERATION TAKEOFF ABORTED	
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	UNCONTROLLED			
		PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G.				
		SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 3000 KIND OF CROP - GRAIN FIELDS PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - SLING LOADED FIRE AFTER IMPACT REMARKS- LOAD INCRSD FM 750 LB TO EST 830 LB.UN LIFT PLT DISCONNECTED,ACFT OSCILLATED,PICHD FWD HIT RCKET				
3-0642	3/26/76 TIME - 1145	WHITMORE LAKE,MI	BELL 47G-2 N2873R DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 28, 3118 TOTAL HOURS, 112 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT WHITMORE LAKE,MI	INTENDED DESTINATION LOCAL		PHASE OF OPERATION IN FLIGHT PROCEDURE TURNAROUND	
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	UNCONTROLLED			
		PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS				
		SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 30 KIND OF CROP - OTHER PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - FORWARD OF PILOT ELEVATION-AREA BEING TREATED- FEET - 700 PROCEDURE TURNAROUND - SECOND 1/3 TURN				
		KIND OF OPERATION - FERTILIZING (LIQUID) TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC GLOVES - USED CRASH HELMET - AVAILABLE USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - ROLLING SWATH RUN-HOW FLOWN - UPWIND				

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA
				F	S	M/N		
3-0536	3/28/76 TIME - 1630	RICHMOND,MI	HUGHES 269A N8880F DAMAGE-DESTROYED	CR- PX-	0 0	0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 38, 110 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - HOME HANGAR DEPARTURE POINT RICHMOND,MI TYPE OF ACCIDENT FIRE OR EXPLOSION ON GROUND						INTENDED DESTINATION LOCAL  PHASE OF OPERATION STATIC ENGINE RUNUP
		PROBABLE CAUSE(S) POWERPLANT - FUEL SYSTEM OTHER MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE REMARKS- FUEL STRAINER BRACKET FAILED.						
3-1270	5/3/76 TIME - 2230	PORTAGE,MI	BELL 47G N7763 DAMAGE-SUBSTANTIAL	CR- PX-	0 0	0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, FL.INSTR., AGE 32, 7700 TOTAL HOURS, 6500 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT KALAMAZOO,MI TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH TREES						INTENDED DESTINATION SPARTA,MI  PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING POWER-OFF AUTOROTATIVE LANDING
		PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS TERRAIN - HIGH OBSTRUCTIONS COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- ENROUTE FOR ORCHARD FROST CONTROL.						
3-1976	6/2/76 TIME - 0930	MENOMINEE,MI	ENSTRON F-28A N9552 DAMAGE-SUBSTANTIAL	CR- PX-	0 0	0 0	INSTRUCTIONAL CHECK	COMMERCIAL, AGE 37, 1587 TOTAL HOURS, 1422 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - MENOMINEE CO DEPARTURE POINT MENOMINEE,MI TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING						INTENDED DESTINATION LOCAL  PHASE OF OPERATION IN FLIGHT OTHER LANDING POWER-OFF AUTOROTATIVE LANDING
		PROBABLE CAUSE(S) MISCELLANEOUS ACTS,CONDITIONS - SIMULATED CONDITIONS PILOT IN COMMAND - IMPROPER LEVEL OFF REMARKS- FAR 135.138 CK FLT.HEEL OF SKIDS CTCTD GND FIRST WITH COPTER IN SLT NOSE HI, TAIL LOW ATTITUDE.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA	
				F	S	M/N			
3-2131	6/16/76 TIME - 1115	BLISSFIELD,MI	EL TOMCAT MK-5A N9043T DAMAGE-DESTROYED	CR-	0	0	1	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 53, 10702 TOTAL HOURS, 800 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT SWANTON,OH	INTENDED DESTINATION BLISSFIELD,MI						
		TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE MAIN ROTOR COLLISION WITH GROUND/WATER UNCONTROLLED		PHASE OF OPERATION IN FLIGHT EN ROUTE TO TREAT CROP IN FLIGHT UNCONTROLLED DESCENT					
		PROBABLE CAUSE(S) ROTORCRAFT - ROTOR ASSEMBLIES MAIN ROTOR HEAD ASSEMBLIES MISCELLANEOUS ACTS,CONDITIONS - DISCONNECTED EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- SWASH-PLATE SWIVEL LINK STRAP SEPARATED FM SCISSOR LEVER.							
3-3661	10/21/76 TIME - 1100	PICKNEY,MI	HUGHES 369HS N9213F DAMAGE-SUBSTANTIAL	CR-	0	0	1	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 26, 3300 TOTAL HOURS, 1700 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT LANSING,MI	INTENDED DESTINATION PICKNEY,MI						
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING		PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING POWER-OFF AUTOROTATIVE LANDING					
		PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PERSONNEL - MAINTENANCE, SERVICING, INSPECTION INADEQUATE MAINTENANCE AND INSPECTION MISCELLANEOUS ACTS,CONDITIONS - WATER IN FUEL MISCELLANEOUS ACTS,CONDITIONS - FUEL CONTAMINATION-EXCLUSIVE OF WATER IN FUEL TERRAIN - ROUGH/UNEVEN COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- ENG DRIVEN FUEL PUMP CONTAMINATED WITH WATER, RUST AND PAINT FLAKES. ACFT PITCHED FWD ON ROUGH TRRN.							
3-3467	11/16/76 TIME - 1615	ALSTON,MI	SCORPION 2 N63301 DAMAGE-SUBSTANTIAL	CR-	1	0	0	NONCOMMERCIAL PRACTICE	PRIVATE, AGE 45, 290 TOTAL HOURS, 30 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT PELKIE,MI	INTENDED DESTINATION LOCAL						
		TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE TAIL ROTOR COLLISION WITH GROUND/WATER UNCONTROLLED		PHASE OF OPERATION IN FLIGHT OTHER IN FLIGHT UNCONTROLLED DESCENT					
		PROBABLE CAUSE(S) ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM TAIL ROTOR DRIVE SHAFT ASSEMBLY MISCELLANEOUS ACTS,CONDITIONS - IMPROPER ALIGNMENT/ADJUSTMENT PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL REMARKS- T/R SHAFT SHOWED IRREGULAR MARKS AS WOULD BE MADE BY LOOSE BELT. MOST FLIGHT EXPERIENCE HOVERING.							

## BRIEFS OF ACCIDENTS

REMARKS	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA	
			F	S	M/N			
	IVILLE, MN	ENSTRON F-28 N625H DAMAGE-SUBSTANTIAL	CR-	0	0	1	MISCELLANEOUS FERRY	COMMERCIAL, AGE 28, 1777 TOTAL HOURS, 15 IN TYPE, NOT INSTRUMENT RATED.
	- ORTONVILLE MUNI	INTENDED DESTINATION PORTLAND, OR						
	T						PHASE OF OPERATION	
	N						TAKEOFF OTHER	
	(S)							
								LAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.
								LAND - IMPROPER OPERATION OF FLIGHT CONTROLS
								LAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND
								S ACTS, CONDITIONS - DOWNWIND
								DOWNWIND ALLOWED ROTOR RPM TO DETERIORATE, ACFT T/D SIDEWAYS:
3-4001	7/5/76 LUTESVILLE, MO TIME - 1545	ENSTRON F-28A N1224R DAMAGE-DESTROYED	CR-	0	1	0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 45, 3450 TOTAL HOURS, 425 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT LUTESVILLE, MO	INTENDED DESTINATION LOCAL						
	TYPE OF ACCIDENT HARD LANDING						PHASE OF OPERATION	
							LANDING POWER-ON LANDING	
	PROBABLE CAUSE(S)							
								PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.
								PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
3-1988	7/13/76 CHESTERFIELD, MO TIME - 1630	BELL 47G N2812R DAMAGE-SUBSTANTIAL	CR-	0	0	1	INSTRUCTIONAL SOLO	ATP, FLIGHT INSTR., AGE 43, 15956 TOTAL HOURS, 12 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - SPIRIT ST LOUIS	INTENDED DESTINATION LOCAL						
	DEPARTURE POINT CHESTERFIELD, MO							
	TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE TAIL ROTOR COLLISION WITH GROUND/WATER UNCONTROLLED						PHASE OF OPERATION	
							IN FLIGHT HOVERING	
							IN FLIGHT UNCONTROLLED DESCENT	
	PROBABLE CAUSE(S)							
								PERSONNEL - MAINTENANCE, SERVICING, INSPECTION [INADEQUATE MAINTENANCE AND INSPECTION
								ROTORCRAFT - FLIGHT CONTROL SYSTEMS TAIL ROTOR PITCH CONTROL SYSTEM
								MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE
								MISCELLANEOUS ACTS, CONDITIONS - FRAYED
	REMARKS-							T/R CTL CABLE BROKEN, 45 OF 49 CABLE WIRES WORN TO NEEDLE POINT, FIRST SOLO HELICOPTER FLIGHT.

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA
				F	S	M/N		
3-2370	8/7/76	ST LOUIS,MO	BELL 47J N5154B	CR- 0 0 1			COMMERCIAL	COMMERCIAL, AGE 28, 7050 TOTAL HOURS, 1605 IN TYPE, INSTRUMENT RATED.
	TIME - 1805		DAMAGE-SUBSTANTIAL	PX- 0 0 3			OTHER	
		NAME OF AIRPORT - DOWNTOWN HELIPORT						
		DEPARTURE POINT	INTENDED DESTINATION					
		ST LOUIS,MO	LOCAL					
		TYPE OF ACCIDENT					PHASE OF OPERATION	
		PROPELLER/ROTOR FAILURE	TAIL ROTOR				TAKEOFF VERTICAL	
		COLLISION WITH GROUND/WATER	UNCONTROLLED				LANDING LEVEL OFF/TOUCHDOWN	
		PROBABLE CAUSE(S)						
		ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM	TAIL ROTOR DRIVE SHAFT ASSEMBLY					
		MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE						
		FACTOR(S)						
		MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER						
		EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER						
		REMARKS- INVOLVED IN SHORT SIGHT-SEEING FLT.FLOAT EOPD.TAIL ROTOR DRIVE SHAFT FAILED AFT OF SPLINED END.						
3-3023	8/13/76	BRANSON,MO	BELL 47J-2A N1192W	CR- 0 1 0			COMMERCIAL	COMMERCIAL, AGE 27, 1937 TOTAL HOURS, 1450 IN TYPE, INSTRUMENT RATED.
	TIME - 1040		DAMAGE-SUBSTANTIAL	PX- 2 2 0			OTHER	
		NAME OF AIRPORT - OZARK HELIPORT						
		DEPARTURE POINT	INTENDED DESTINATION					
		BRANSON,MO	LOCAL					
		TYPE OF ACCIDENT					PHASE OF OPERATION	
		PROPELLER/ROTOR FAILURE	TAIL ROTOR				LANDING TRAFFIC PATTERN-CIRCLING	
		COLLIDED WITH TREES					LANDING POWER-OFF AUTOROJATIVE LANDING	
		PROBABLE CAUSE(S)						
		PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING						
		PERSONNEL - MAINTENANCE,SERVICING,INSPECTION IMPROPERLY SERVICED AIRCRAFT (GROUND CREW)						
		ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM	TAIL ROTOR GEAR BOX					
		MISCELLANEOUS ACTS,CONDITIONS - OIL STARVATION						
		FACTOR(S)						
		PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.						
		EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
		REMARKS- SIGHT SEEING FLT-TAIL ROTOR PINION GEAR FAILURE DUE TO LACK OF LUBRICATION.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA	
				F	S	M/N			
3-2918	9/22/76	KING CITY,MO	BELL 47G-5 N8599F DAMAGE-DESTROYED	CR- PX-	0 0	0 0	1 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 29, 2352 TOTAL HOURS, 159 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT KING CITY,MO	INTENDED DESTINATION LOCAL					PHASE OF OPERATION IN FLIGHT PULLUP FROM SWATH RUN LANDING ROLL-ON/RUN-ON	
		TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE NOSE OVER/DOWN	MAIN ROTOR						
		PROBABLE CAUSE(S) ROTORCRAFT - ROTOR ASSEMBLIES BEARINGS MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE TERRAIN - ROUGH/UNEVEN EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND							
		SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 40 KIND OF CROP - CORN PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - SIDES ELEVATION-AREA BEING TREATED-FEET - 1000						KIND OF OPERATION - SPRAYING CROPS TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTQXIC GLOVES - NOT USED CRASH HELMET - AVAILABLE-NOT USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - ROLLING SWATH RUN-HOW FLOWN - UPWIND	
3-3275	10/31/76	QUAKE LAKE,MT	BELL 47J-2 N2835B DAMAGE-SUBSTANTIAL	CR- PX-	0 0	0 0	1 0	MISCELLANEOUS SEARCH AND RESCUE	COMMERCIAL, FL INSTR., AGE 41, 3945 TOTAL HOURS, 258 IN TYPE, NOT INSTRU- MENT RATED.
		DEPARTURE POINT ENNIS,MT	INTENDED DESTINATION CARIN CREEK,MT					PHASE OF OPERATION TAKEOFF INITIAL CLIMB	
		TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES							
		PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS REMARKS- T/R STRUCK UNMARKED WIRES,NIGHT TKOF.							
3-0816	4/6/76	GENEVA,NE	BELL 47G-5 N2249W DAMAGE-SUBSTANTIAL	CR- PX-	0 0	0 0	1 1	COMMERCIAL POWER/PIPELINE	COMMERCIAL, AGE 30, 2063 TOTAL HOURS, 50 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT YORK,NE	INTENDED DESTINATION UNKNOWN/NOT REPORTED					PHASE OF OPERATION IN FLIGHT HOVERING LANDING POWER-OFF AUTOROTATIVE LANDING	
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLISION WITH GROUND/WATER UNCONTROLLED							
		PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 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
3-2282	6/16/76 TIME - 1535	NORTH PLATTE,NE	HILLER ACFT UH-12D N87744 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL MAPPING/PHOTO	COMMERCIAL, FL.INSTR., AGE 24, 2538 TOTAL HOURS, 59 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT NORTH PLATTE,NE	INTENDFD DESTINATION LOCAL		PHASE OF OPERATION IN FLIGHT LOW PASS LANDING POWER-OFF AUTOROTATIVE LANDING	
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION GEAR COLLAPSED				
		PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS,CONDITIONS - FUEL CONTAMINATION-EXCLUSIVE OF WATER IN FUEL MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION				
		FACTOR(S) TERRAIN - OTHER COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- ACFT CRASHED IN MALL SHOPPING CENTER.				
3-0311	3/10/76 TIME - 1208	NR.LAS VEGAS,NV	S.N.I.A.S SA314G N62373 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 28, 4058 TOTAL HOURS, 0 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT NORTH LAS VEGA,NV	INTENDED DESTINATION LOCAL		PHASE OF OPERATION LANDING POWER-ON LANDING	
		TYPE OF ACCIDENT COLLIDED WITH OBJECT				
		PROBABLE CAUSE(S) DUAL STUDENT - SELECTED UNSUITABLE TERRAIN DUAL STUDENT - MISJUDGED CLEARANCE PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT				
		FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS REMARKS- ROCK RIDGE. PILOT WAS LANDING IN AN AREA OF INSUFFICIENT MAIN ROTOR BLADE CLEARANCE.				

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA	
				F	S	M/N			
3-4134	7/5/76 TIME - 0918	NR.CARSON CITY,NV	BELL 206B N600SW DAMAGE-SUBSTANTIAL	CR- PX-	1 2	0 2	0 0	COMMERCIAL ASSOC FIRE CTL ACTIVITY	COMMERCIAL, AGE 28, 2595 TOTAL HOURS, 216 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT CARSON CITY,NV TYPE OF ACCIDENT COLLIDED WITH TREES	INTENDED DESTINATION LOCAL					PHASE OF OPERATION LANDING POWER-ON LANDING	
		PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED CLEARANCE MISCELLANEOUS ACTS,CONDITIONS - POORLY PLANNED APPROACH							
		FACTOR(S) WEATHER - HIGH DENSITY ALTITUDE WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED							
		SKY CONDITION CLEAR VISIBILITY AT ACCIDENT SITE 5 OR OVER(UNLIMITED) OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE WIND VELOCITY-KNOTS CALM TYPE OF FLIGHT PLAN NONE						CELLING AT ACCIDENT SITE UNLIMITED PRECIPITATION AT ACCIDENT SITE NONE TEMPERATURE-F 75 TYPE OF WEATHER CONDITIONS VFR	
3-0366	3/11/76 TIME - 1530	SAYREVILLE,NJ	SIKORSKY S-62 N978 DAMAGE-SUBSTANTIAL	CR- PX-	0 0	0 0	2 10	COMMERCIAL AIR TAXI-PASSG	ATP,FLIGHT INSTR., AGE 29, 4600 TOTAL HOURS, 14 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - NATIONAL LEAD DEPARTURE POINT LINDEN,NJ TYPE OF ACCIDENT ROLL OVER	INTENDED DESTINATION. SAYREVILLE,NJ					PHASE OF OPERATION LANDING POWER-ON LANDING	
		PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. PILOT IN COMMAND - EXERCISED POOR JUDGMENT							
		FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND REMARKS- BUILDINGS ADJ TO S SIDE OF HELIPAD PRECLUDED APCHS TO N.SETTLED TO GND ON L WHEEL,WIND 25K.							

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1993	4/17/76 TIME - 1515	BRIGANTINE,NJ	ENSTRON F-28A N426RD DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL TRAINING	COMMERCIAL, AGE 37, 771 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT SMITHVILLE,NJ		INTENDED DESTINATION LOCAL		PHASE OF OPERATION IN FLIGHT FLAREOUT FOR SWATH RUN LANDING POWER-OFF AUTOROTATIVE LANDING	
	TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING					
	PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.					
	FACTOR(S) TERRAIN - SANDY COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- L SKID COLLAPSED,DMGD MAIN & TAIL ROTORS.					
3-1392	6/8/76 TIME - 0805	NR.ISLAND BEACH,NJ	ENSTRON F-28A N9259 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL OTHER	AIRLINE TRANSPORT, AGE 41, 13400 TOTAL HOURS, 13 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT MARLBORO,NJ		INTENDED DESTINATION LOCAL		PHASE OF OPERATION IN FLIGHT HOVERING	
	TYPE OF ACCIDENT COLLISION WITH GROUND/WATER UNCONTROLLED					
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS					
	FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER REMARKS- DURING TERMINATION OF FLT TO A HOVER OVER WATER PLT ALLOWED ROTOR & ENG RPM TO DECAY.					
3-3774	8/5/76 TIME - 1025	BARNEGAT LIGHT,NJ	ENSTRON F-28A N15SR DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 1	COMMERCIAL MAPPING/PHOTO	PRIVATE, AGE 34, 1977 TOTAL HOURS, 320 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT TETERBORO,NJ		INTENDED DESTINATION RETURN		LAST ENROUTE STOP CALDWELL,NJ	
	TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION DITCHING				PHASE OF OPERATION IN FLIGHT HOVERING LANDING LEVEL OFF/TOUCHDOWN	
	PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER REMARKS- ACFT SUNK 30 FT WATER,NOT RECOVERED.					

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1604	3/18/76 TIME - 1115	NR.GOVERNADOR,NM	BELL 206B N7849S DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 39, 3274 TOTAL HOURS, 1213 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT GOVERNADOR,NM TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING	INTENDED DESTINATION RETURN			LAST ENROUTE STOP WELL SITES PHASE OF OPERATION LANDING FINAL APPROACH LANDING POWER-OFF AUTOROTATIVE LANDING	
	PROBABLE CAUSE(S) POWERPLANT - FUEL SYSTEM FUEL CONTROL MISCELLANEOUS ACTS,CONDITIONS - STUCK MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP.T. REMARKS- BYPASS VALVE IN FUEL CONROL POWER TURBINE GOVERNOR STUCK MOMENTARILY. HAD TO CLR TREES,BUSHES.					
3-2087	8/10/76 TIME - 0610	MESQUITE,NM	BELL 47G3R1 N729AP DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, FL.INSTR.. AGE 31, 6556 TOTAL HOURS, 4000 IN TYPE, NOT INSTRU- MENT RATED.
	DEPARTURE POINT MESQUITE,NM TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION NOSE OVER/DOWN	INTENDED DESTINATION LOCAL			PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN LANDING LEVEL OFF/TOUCHDOWN	
	PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS FACTOR(S) TERRAIN - OTHER PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP.T.					
	SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 4600 KIND OF CROP - OTHER PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - SIDES ELEVATION-AREA BEING TREATED-FEET - 3800 FIRE AFTER IMPACT REMARKS- ENGINE BURNED AFTER IMPACT. LNDG ON PLATFORM OF SERVICE TRUCK.				KIND OF OPERATION - FERTILIZING (LIQUID) TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC GLOVES - NOT USED CRASH HELMET - AVAILARLE USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - DENSE WITH TREES	

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2085	8/14/76 TIME - 1315	MILAGRO,NM	HUGHES 269A-1 N8942F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 26, 102 TOTAL HOURS, 37 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT ALBUQUERQUE,NM	INTENDED DESTINATION MONTROYA,NM			PHASE OF OPERATION LANDING FINAL APPROACH	
	TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES					
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS					
	FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS					
	REMARKS- PILOT ELECTED TO MAKE A LANDING AT A SERVICE STATION BESIDE HIGHWAY.HIT POWERLINE.					
3-3132	10/17/76 TIME - 1750	AZTEC,NM	BELL 206B N9914K DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 45, 4796 TOTAL HOURS, 2000 IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIRPORT - AZTEC MUNI DEPARTURE POINT AZTEC,NM	INTENDED DESTINATION LOCAL			PHASE OF OPERATION IN FLIGHT LOW PASS	
	TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES					
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS					
	MISCELLANEOUS ACTS,CONDITIONS - UNWARRANTED LOW FLYING					
	FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS					
	REMARKS- HIT 50FT PWR LINES OVR RIVER.					

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0023	1/25/76 TIME - 1540	SCOTTSVILLE, NY	MCCULLOCH J-2 N4331G DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 30, 474 TOTAL HOURS, 15 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT SCOTTSVILLE, NY TYPE OF ACCIDENT HARD LANDING				PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN	
	PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS WEATHER - ICING CONDITIONS-INCLUDES SLEET, FREEZING RAIN, ETC. MISCELLANEOUS ACTS, CONDITIONS - ICE-WINDSHIELD PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE FACTOR(S) TERRAIN - SNOW-COVERED WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED WEATHER FORECAST - UNKNOWN/NOT REPORTED EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT ADVERSE/UNFAVORABLE WEATHER					
	SKY CONDITION OVERCAST VISIBILITY AT ACCIDENT SITE 2 MILES OR LESS OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE WIND VELOCITY-KNOTS 10 TYPE OF FLIGHT PLAN NONE				CEILING AT ACCIDENT SITE 2000 PRECIPITATION AT ACCIDENT SITE FREEZING RAIN WIND DIRECTION-DEGREES 90 TYPE OF WEATHER CONDITIONS IFR	
3-3187	2/12/76 TIME - 1402	NEW YORK, NY	BELL 47J N73216 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL. INSTR., AGE 36, 5550 TOTAL HOURS, 107 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - 34TH ST HELIPORT DEPARTURE POINT NEW YORK, NY TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES		INTENDED DESTINATION LOCAL		PHASE OF OPERATION TAXI AERIAL TAXI TO TAKEOFF	
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER					

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0547	2/15/76 TIME - 1530	E MORICHES,NY	ENSTRON F-28A N9599 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PRACTICE	COMMERCIAL, AGE 27, 1175 TOTAL HOURS, 13 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - SPADARO DEPARTURE POINT E MORICHES,NY	INTENDED DESTINATION LOCAL		PHASE OF OPERATION TAKEOFF VERTICAL TAKEOFF VERTICAL	
		TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE COLLIDED WITH DIRT BANK				
		PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS				
		FACTOR(S) PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN TERRAIN - WET,SOFT GROUND				
		REMARKS- T/D FM HOVER,SKID STUCK IN MUD,DRG ATMPT TO CLR MUD ACFT TURNED,PLT INCRSD RPM,DRIFTED HIT MOUND.				
3-2495	6/24/76 TIME - 1200	WAYLAND,NY	BELL 47G-2 N955 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 32, 1659 TOTAL HOURS, 250 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT SPRINGWATER,NY	INTENDED DESTINATION WAYLAND,NY		PHASE OF OPERATION IN FLIGHT RETURN TO STRIP LANDING POWER-OFF AUTOROTATIVE LANDING	
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION ROLL OVER				
		PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION TERRAIN - ROUGH/UNEVEN				
		COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND				
		SPECIAL DATA TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED KIND OF CROP - POTATOES PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - SIDES ELEVATION-ARFA BEING TREATED- FEET - 3000			KIND OF OPERATION - DUSTING CROPS TYPE OF CHEMICAL USED - DRY CHEMICAL-NONTOXIC GLOVES - USED CRASH HELMET - AVAILABLE USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - HILLY SWATH RUN-HOW FLOWN - CROSSWIND	
		REMARKS- NO EVIDENCE OF FUEL IN TANKS.LNDG ON 15 DEGREE SLOPE.				

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3696	7/31/76 TIME - 1710	WESTBURY,NY	HUGHES 369 N609PD DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	MISCELLANEOUS POLICE PATROL	COMMERCIAL, FL.INSTR., AGE UNK/NR, 3111 TOTAL HOURS, 167 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT HEMPSTEAD,NY	INTENDED DESTINATION LOCAL			PHASE OF OPERATION IN FLIGHT POWER-ON DESCENT	
	TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES					
	PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED CLEARANCE FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS WEATHER - OBSTRUCTIONS TO VISION WEATHER BRIEFING - UNKNOWN/NOT REPORTED WEATHER FORECAST - UNKNOWN/NOT REPORTED					
	SKY CONDITION CLEAR				CEILING AT ACCIDENT SITE UNLIMITED	
	VISIBILITY AT ACCIDENT SITE 4 MILES OR LESS				PRECIPITATION AT ACCIDENT SITE NONE	
	OBSTRUCTIONS TO VISION AT ACCIDENT SITE HAZE				WIND DIRECTION-DEGREES 270	
	WIND VELOCITY-KNOTS 8				TYPE OF WEATHER CONDITIONS VFR	
	TYPE OF FLIGHT PLAN NONE					
	REMARKS- DSCNDG TO RENDER ASSISTANCE TO AN INJURED MOTORIST.					
3-2425	8/6/76 TIME - 1752	BRWSTER,NY	BELL 4701 N7737 DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 44, 750 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT NEWBURGH,NY	INTENDED DESTINATION DANBURY,CT			PHASE OF OPERATION IN FLIGHT LOW PASS	
	TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES					
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS					
	REMARKS- HELICOPTER AT LOW ALT OVR HIGHWAY EST AS 25FT AGL RFR WIRE STRIKE.					



## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2677	9/11/76 TIME - 1940	WARSAW, NY	BELL 47D-1 N10325 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS FERRY	COMMERCIAL, AGE 37, 635 TOTAL HOURS, 250 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT SYRACUSE, NY		INTENDED DESTINATION ROCHESTER, NY		PHASE OF OPERATION LANDING FINAL APPROACH LANDING LEVEL OFF/TOUCHDOWN	
	TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING					
	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 PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE					
	FACTOR(S) WEATHER - CONDITIONS CONDUCTIVE TO CARB./INDUCTION SYSTEM ICING WEATHER BRIEFING - UNKNOWN/NOT REPORTED WEATHER FORECAST - UNKNOWN/NOT REPORTED EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND					
	SKY CONDITION OVERCAST VISIBILITY AT ACCIDENT SITE 5 OR OVER(UNLIMITED) OBSTRUCTIONS TO VISION AT ACCIDENT SITE HAZE TYPE OF WEATHER CONDITIONS VFR				CEILING AT ACCIDENT SITE 2300 PRECIPITATION AT ACCIDENT SITE RAIN TEMPERATURE-F 58 TYPE OF FLIGHT PLAN NONE	
	REMARKS- ENGINE STOPPED DURING LANDING APPROACH, LANDED HARD CUT OFF TAIL ROOM WITH MAIN ROTOR, BUCKLED SKIDS					
3-3562	10/6/76 TIME - 0615	UTICA, NY	BELL 47G-2 N73550 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL BUSINESS	ATP, FLIGHT INSTR., AGE 38, 1885 TOTAL HOURS, 27 IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIRPORT - RIVERSIDE DEPARTURE POINT UTICA, NY		INTENDED DESTINATION LOCAL		PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN LANDING LEVEL OFF/TOUCHDOWN	
	TYPE OF ACCIDENT HARD LANDING GEAR COLLAPSED					
	PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE					
	REMARKS- R SKID GR LEG BUCKLED.					

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA	
				F	S	M/N			
3-3699	12/12/76 TIME - 1630	ELLENVILLE, NY	BELL 47J-2A N3538S DAMAGE-SUBSTANTIAL	CR- PX-	0 0	0 2	1 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 34, 103 TOTAL HOURS, 9 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - ELLENVILLE DEPARTURE POINT ELLENVILLE, NY TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH WIRES/POLES	INTENDED DESTINATION LOCAL			PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING POWER-OFF AUTOROTATIVE LANDING			
		PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING MISCELLANEOUS ACTS, CONDITIONS - ICF-IN FUEL PILOT IN COMMAND - MISJUDGED CLEARANCE FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND FIRE AFTER IMPACT REMARKS- CARB HAD ICE IN FLOAT CHAMBER, FUEL LINES, PUMP, SCREEN AND PRIMER CONTAINED ICE.							
3-0341	2/8/76 TIME - 1510	PINEHURST, NC	HUGHES 269A N8769F DAMAGE-DESTROYED	CR- PX-	0 0	0 0	1 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 42, 4676 TOTAL HOURS, 25 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - SOUTHERN PINES DEPARTURE POINT PINEHURST, NC TYPE OF ACCIDENT ROLL OVER	INTENDED DESTINATION LOCAL			PHASE OF OPERATION TAXI GROUND TAXI TO TAKEOFF			
		PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.							
3-3488	10/12/76 TIME - 1750	MORRISVILLE, NC	HILLER UH-120 N67089 DAMAGE-SUBSTANTIAL	CR- PX-	0 0	0 0	1 0	NONCOMMERCIAL BUSINESS	STUDENT, AGE 29, 62 TOTAL HOURS, 30 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - RALEIGH-DURHAM DEPARTURE POINT ROXBORO, NC TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH TREES	INTENDED DESTINATION ASHEBORO, NC			PHASE OF OPERATION IN FLIGHT NORMAL CRUISE IN FLIGHT AUTOROTATIVE DESCENT			
		PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS, CONDITIONS - FUEL EXHAUSTION TERRAIN - HIGH OBSTRUCTIONS FACTOR(S) PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE REMARKS- FUEL APPEARS IN FUEL TANK FILLER NECK BFR TANK IS FULL. PLT TRIED TO CONTINUE FLT W LOW FUEL INDIC.							

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0715	4/3/76 TIME - 1340	WFST CHARLESTN.OH	HUGHES 269A N444E DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 1 0	NONCOMMERCIAL BUSINESS	COMMERCIAL, AGE 43, 2222 TOTAL HOURS, 443 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT XENIA.OH	INTENDED DESTINATION LOCAL		PHASE OF OPERATION IN FLIGHT LOW PASS	
		TYPE OF ACCIDENT COLLIDED WITH TREES				
		PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT PERSONNEL - MISCELLANEOUS-PERSONNEL PASSENGER MISCELLANEOUS ACTS,CONDITIONS - INTERFERENCE WITH FLIGHT CONTROLS				
		REMARKS- PAX LEANING OUT TAKING PICTURES,HAD LEG DRAPED OVR COLLECTIVE.				
3-0711	5/4/76 TIME - 1250	BUCYRUS.OH	RELL 47G2A1 N73952 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL CHECK	COMMERCIAL, AGE 57, 8714 TOTAL HOURS, 38 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - CRAWFORD COUNTY DEPARTURE POINT BUCYRUS.OH	INTENDED DESTINATION LOCAL		PHASE OF OPERATION LANDING POWER-ON LANDING	
		TYPE OF ACCIDENT HARD LANDING				
		PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE CHECK PILOT - INADEQUATE SUPERVISION OF FLIGHT				
		REMARKS- 4TH AUTOROTATION,ABRUPT FLARE AT LOW ALT.				
3-2175	7/3/76 TIME - 1915	LORE CITY.OH	HILLER OH-12E N67156 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 24, 943 TOTAL HOURS, 106 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT LORE CITY.OH	INTENDED DESTINATION LOCAL		PHASE OF OPERATION IN FLIGHT SWATH RUN	
		TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES				
		PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS				

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4077	8/9/76 TIME - 1618	ENON, OH	ENSTROM F-28A N888D DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 41, 1000 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT MEDWAY, OH		INTENDED DESTINATION UNKNOWN/NOT REPORTED		LAST ENROUTE STOP UNKNOWN/NOT REPORTED	
	TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE COLLISION WITH GROUND/WATER		TAIL ROTOR UNCONTROLLED		PHASE OF OPERATION IN FLIGHT NORMAL CRUISE IN FLIGHT UNCONTROLLED DESCENT	
	PROBABLE CAUSE(S) PERSONNEL - PRODUCTION-DESIGN-PERSONNEL ROTORCRAFT - ROTOR ASSEMBLIES MISCELLANEOUS ACTS, CONDITIONS - FATIGUE FRACTURE PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC. FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - SEPARATION IN FLIGHT FIRE AFTER IMPACT REMARKS- T/R SPINDLE MACHINED BELOW SPECS, TOOL MARKS IN MACHINED AREA.					
3-2907	8/17/76 TIME - 1000	MANTUA, OH	EL TOMCAT MARK V N818HJ DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL. INSTR., AGE 29, 3724 TOTAL HOURS, 138 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT MANTUA, OH		INTENDED DESTINATION LOCAL		PHASE OF OPERATION IN FLIGHT PROCEDURE TURNAROUND	
	TYPE OF ACCIDENT COLLISION WITH GROUND/WATER		CONTROLLED			
	PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - LOAD NOT JETTISONED					
	SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 1500 KIND OF CROP - POTATOES PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - SIDFS ELEVATION-AREA BEING TREATED- FEET - 1200 PROCEDURE TURNAROUND - THIRD 1/3 TURN REMARKS- DSCNDG TO APPLICATION HEIGHT, PLT UN CK DSCNT.				KIND OF OPERATION - SPRAYING CROPS TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC GLOVES - USED CRASH HELMET - AVAILABLE USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - LEVEL, FLAT SWATH RUN-HOW FLOWN - UPWIND	

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3357	9/22/76	LEIPSI, OH	TRANSWORLD 47G-2 N2874F	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	PRIVATE, AGE 23, 88 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT LEIPSI, OH	DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL		PHASE OF OPERATION IN FLIGHT SWATH RUN	
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	UNCONTROLLED			
		PROBABLE CAUSE(S) PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS				
		FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - LOAD NOT JETTISONED				
		SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 2 KIND OF CROP - BEANS PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - SIDES ELEVATION-AREA BEING TREATED- FEET - 765 PROCEDURE TURNAROUND - THIRD 1/3 TURN			KIND OF OPERATION - SPRAYING CROPS TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC GLOVES - USED CRASH HELMET - AVAILABLE USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - LEVEL, FLAT SWATH RUN-HOW FLOWN - DOWNWIND	
		REMARKS- PLT RPTD LOSS OF CTL. HYD & CTL SYS CKD OK. ACFT CONTACTED THE GND AT ZERO A/S GOING SIDEWAYS.				
3-3158	10/1/76	JOHNSTOWN, OH	BELL 4701 N9115R	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 24, 1105 TOTAL HOURS, 406 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT JOHNSTOWN, OH	DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL		PHASE OF OPERATION IN FLIGHT SWATH RUN	
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING			LANDING LEVEL OFF/TOUCHDOWN	
		PROBABLE CAUSE(S) POWERPLANT - ENGINE STRUCTURE MASTER AND CONNECTING RODS MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE PWR PLT-PRIOR ENG OVERSPEED PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE				
		COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND				
		SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 520 KIND OF CROP - BEANS PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - SIDES ELEVATION-AREA BEING TREATED- FEET - 1000			KIND OF OPERATION - SPRAYING CROPS TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC GLOVES - USED CRASH HELMET - AVAILABLE USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - LEVEL, FLAT SWATH RUN-HOW FLOWN - WIND CALM	
		REMARKS- NR 1 & 2 CONROD SEPARATED, CAMSHAFT RKN AT 4 LOBE				

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3984	11/16/76 TIME - 1030	COLUMBUS, OH	ENSTRON F-28A N2820 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL. INSTR., AGE 52, 3540 TOTAL HOURS, 146 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - PORT COLUMBUS INT DEPARTURE POINT COLUMBUS, OH	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION ROLL OVER		PHASE OF OPERATION TAKEOFF INITIAL CLIMB LANDING OTHER		
PROBABLE CAUSE(S)						
POWERPLANT - ENGINE STRUCTURE CYLINDER ASSEMBLY						
MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE						
PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS						
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE						
EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP.						
REMARKS- AFTER SAFE T/D & STUDENT EXITED ACFT. PLT WAS ATTEMPTING TO OPEN DOOR WHEN ACFT ROLLED OVER.						
3-4152	11/30/76 TIME - 1501	HARTFORD TWP, OH	SIKORSKY S58B N8561 DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 2 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 28, 4429 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT HAZELTON, PA	INTENDED DESTINATION CLEVELAND, OH	LAST ENROUTE STOP YOUNGSTOWN, OH		
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING		PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING POWER-OFF AUTOROTATIVE LANDING		
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
REMARKS- UNDER INVESTIGATION.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0188	2/25/76	BILLINGS,OK	BELL 47G-4 N1150W DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 25, 850 TOTAL HOURS, 650 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT BILLINGS,OK	INTENDED DESTINATION LOCAL	PHASE OF OPERATION IN FLIGHT FLAREOUT FOR SWATH RUN		
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	CONTROLLED			
		PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE				
		FACTOR(S) WEATHER - UNFAVORABLE WIND CONDITIONS				
		SKY CONDITION CLEAR	CEILING AT ACCIDENT SITE UNLIMITED			
		VISIBILITY AT ACCIDENT SITE 5 OR OVER (UNLIMITED)	PRECIPITATION AT ACCIDENT SITE NONE			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE	WIND DIRECTION-DEGREES 360			
		WIND VELOCITY-KNOTS 15	TYPE OF WEATHER CONDITIONS VFR			
		TYPE OF FLIGHT PLAN NONE				
		SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 851 KIND OF CROP - GRAIN FIELDS PILOT'S SEAT BELT - FASTENED-PROPERLY CRASH BAR - NOT INSTALLED TERRAIN-TYPE - LEVEL,FLAT SWATH RUN-HOW FLOWN - DOWNWIND	KIND OF OPERATION - SPRAYING CROPS TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - SIDES ELEVATION-AREA BEING TREATED- FEET - 1050			
		REMARKS- GUSTING TO 20K.				
3-1479	5/20/76	OKLAHOMA CITY,OK	BELL 47G N379B DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL BUSINESS	COMMERCIAL, FL. INSTR., AGE 37, 3011 TOTAL HOURS, 4 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - WILL ROGERS				
		DEPARTURE POINT OKLAHOMA CITY,OK	INTENDED DESTINATION LOCAL	PHASE OF OPERATION TAKEOFF VERTICAL LANDING POWER-OFF AUTOROTATIVE LANDING		
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING				
		PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS MISCELLANEOUS - EVASIVE MANUEVER TO AVOID COLLISION TERRAIN - HIGH OBSTRUCTIONS				
		FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - PRESSURE, NONE PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND				
		REMARKS- PLT RPTD LOST OIL PRESS. HAD TO AVOID PWR LINES. UNDET DIE IMPACT DMG TO ENG.				

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA	
				F	S	M/N			
3-1480	6/2/76 TIME - 1840	NR.KINGSTON,OK	BELL 47G-4 N1157W DAMAGE-SUBSTANTIAL	CR- PX-	0 0	0 0	2 0	COMMERCIAL MAPPING/PHOTO	COMMERCIAL, AGE 25, 525 TOTAL HOURS, 11 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT ARDMORE,OK TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLISION WITH GROUND/WATER		INTENDED DESTINATION RETURN					LAST ENROUTE STOP MADILL,OK PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING POWER-OFF AUTOROTATIVE LANDING	
	PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER REMARKS- SANK IN LAKE.							POWERPLANT FAILURE FOR UNDETERMINED REASONS	
3-1483	6/7/76 TIME - 1500	NR.VINITA,OK	HUGHES 369HS N500PA DAMAGE-SUBSTANTIAL	CR- PX-	0 0	0 0	1 1	NONCOMMERCIAL BUSINESS	COMMERCIAL, FL.INSTR., AGE 34, 1178 TOTAL HOURS, 181 IN TYPE, NOT INSTRU- MENT RATED.
	NAME OF AIRPORT - LEONS DEPARTURE POINT TULSA,OK TYPE OF ACCIDENT HARD LANDING		INTENDED DESTINATION VINITA,OK					PHASE OF OPERATION LANDING POWER-OFF AUTOROTATIVE LANDING	
	PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - SIMULATED CONDITIONS REMARKS- PRACTICE AUTOROTATION.								
3-2406	8/14/76 TIME - 1900	ELGIN,OK	BELL 47G-2 N13299 DAMAGE-DESTROYED	CR- PX-	0 0	0 0	1 0	MISCELLANEOUS FERRY	PRIVATE, AGE 32, 95 TOTAL HOURS, 54 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT ELGIN,OK TYPE OF ACCIDENT COLLIDED WITH OBJECT		INTENDED DESTINATION LOCAL					PHASE OF OPERATION TAXI AERIAL TAXI, OTHER	
	PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED CLEARANCE REMARKS- SKID CAUGHT HELICOPTER TRAILER								



RIFFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2835	9/11/76 TIME - 1640	CHATTANOOGA,OK	BRANTLEY 305 N2231U DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 1 3	MISCELLANEOUS DEMONSTRATION	COMMERCIAL, FL.INSTR., AGE 35, 1346 TOTAL HOURS, 12 IN TYPE, NOT INSTRU- MENT RATED.
		NAME OF AIRPORT - CHATTANOOGA				
		DEPARTURE POINT CHATTANOOGA,OK	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT ROLL OVER			PHASE OF OPERATION TAXI AERIAL TAXI TO TAKEOFF	
		PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC. EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP.T. DIRECTIONAL CONTROL PROBLEM				
		FIRE AFTER IMPACT REMARKS- LOW TIME HEL PLT. HOVER-TAXI AT 10-15FT HEIGHT.				
3-3106	9/25/76 TIME - 1212	NR.VINITA,OK	HUGHES 269C N7453F DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 2 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 26, 105 TOTAL HOURS, 39 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT CHELSEA,OK	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT COLLIDED WITH TREES			PHASE OF OPERATION IN FLIGHT UNCONTROLLED DESCENT	
		PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED				
3-2732	10/1/76 TIME - 2050	TULSA,OK	SIKORSKY S-55B N2305 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 28, 1571 TOTAL HOURS, 63 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT TAHLEQUAH,OK	INTENDED DESTINATION TULSA,OK			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING			PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING POWER-OFF AUTOROTATIVE LANDING	
		PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING MISCELLANEOUS ACTS, CONDITIONS - FUEL EXHAUSTION PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE 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
3-1200	2/21/76	NR. LAGRANDE, OR	BELL 206B N96117	CR- 0 0 1 PX- 0 0 0	COMMERCIAL CTR PASSG-D	COMMERCIAL, AGE 25, 946 TOTAL HOURS, 149 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT LAGRANDE, OR	DAMAGE-SUBSTANTIAL INTENDED DESTINATION ANTHONY LAKES, OR		PHASE OF OPERATION TAKEOFF VERTICAL	
		TYPE OF ACCIDENT ROLL OVER				
		PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS				
		FACTOR(S) TERRAIN - SNOW-COVERED WEATHER - HIGH DENSITY ALTITUDE WEATHER BRIEFING - BRIEFING RECEIVED-METHOD UNKNOWN WEATHER FORECAST - UNKNOWN/NOT REPORTED				
		SKY CONDITION CLEAR			CEILING AT ACCIDENT SITE UNLIMITED	
		VISIBILITY AT ACCIDENT SITE 5 OR OVER (UNLIMITED)			PRECIPITATION AT ACCIDENT SITE NONE	
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE			TEMPERATURE-F 35	
		WIND VELOCITY-KNOTS 10			TYPE OF WEATHER CONDITIONS VFR	
		TYPE OF FLIGHT PLAN NONE				
		REMARKS- ATTEMPTD TKOF FRM 8600FT MSL MTN.				

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0951	4/4/76 TIME - 1000	CORVALLIS,OR	HILLER ACFT UH-12E N5ZH DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, FL.INSTR., AGE 48, 12086 TOTAL HOURS, 200 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT CORVALLIS,OR		INTENDED DESTINATION LOCAL			
	TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE ROLL OVER		MAIN ROTOR		PHASE OF OPERATION TAKEOFF VERTICAL LANDING LEVEL OFF/TOUCHDOWN	
	PROBABLE CAUSE(S) ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM CLUTCH ASSEMBLY MISCELLANEOUS ACTS.CONDITIONS - MATERIAL FAILURE					
	FACTOR(S) MISCELLANEOUS ACTS.CONDITIONS - JETTISONED LOAD TERRAIN - OTHER					
	EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND SUSPECTED MECHANICAL DISCREPANCY					
	SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 3000 KIND OF CROP - OTHER PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - SLING LOADED ELEVATION-AREA BEING TREATED- FEET - 264					
	REMARKS- ROTOR CLUTCH HOUSING P/N 21059-1 SLIPPED ALLOWING M/R TO DISENGAGE.ACFT SETTLED ON FERTILIZER BCKT KIND OF OPERATION - FERTILIZING (DUST) TYPE OF CHEMICAL USED - DRY CHEMICAL-NONTOXIC GLOVES - NOT USED CRASH HELMET - AVAILABLE USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - LEVEL,FLAT					
3-2333	5/4/76 TIME - 0605	NR.ALSA,OR	HILLER ACFT UH-12E N6ZH DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS FERRY	COMMERCIAL, FL.INSTR., AGE 29, 3832 TOTAL HOURS, 113 IN TYPE, NOT INSTRU- MENT RATED.
	DEPARTURE POINT CORVALLIS,OR		INTENDED DESTINATION ALSA,OR			
	TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES				PHASE OF OPERATION IN FLIGHT NORMAL CRUISE	
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS					
	FACTOR(S) WEATHER - LOW CEILING TERRAIN - HIGH OBSTRUCTIONS					
	SKY CONDITION UNKNOWN/NOT REPORTED VISIBILITY AT ACCIDENT SITE 5 OR OVER(UNLIMITED) OBSTRUCTIONS TO VISION AT ACCIDENT SITE UNKNOWN/NOT REPORTED TYPE OF WEATHER CONDITIONS UNKNOWN/NOT REPORTED					
	CEILING AT ACCIDENT SITE 250 PRECIPITATION AT ACCIDENT SITE UNKNOWN/NOT REPORTED TEMPERATURE-F 50 TYPE OF FLIGHT PLAN NONE					

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA	
				F	S	M/N			
3-1890	5/14/76	NR.TILLAMOOK,OR	HILLER ACFT UH-12E N9785C DAMAGE-DESTROYED	CR-	0	1	0	COMMERCIAL	COMMERCIAL, FL.INSTR., AGE 26, 3454 TOTAL HOURS. 99 IN TYPE, NOT INSTRU- MENT RATED.
		DEPARTURE POINT TILLAMOOK,OR	INTENDED DESTINATION LOCAL					PHASE OF OPERATION IN FLIGHT MANEUVER TO AVOID OBSTRUCTION	
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	UNCONTROLLED						
		PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.							
		FACTOR(S) MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION TERRAIN - HIGH OBSTRUCTIONS							
		SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 100 KIND OF CROP - FOREST-TREES PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - USED CRASH BAR - INSTALLED TERRAIN-TYPE - MOUNTAINOUS SWATH RUN-HOW FLOWN - WIND CALM						KIND OF OPERATION - DEFOLIATION (LIQUID) TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC GLOVES - NOT USED CRASH HELMET - AVAILABLE USED TANK/HOPPER-LOCATION - SIDES ELEVATION-AREA BEING TREATED- FEET - 1600	
		REMARKS- SPRAYING, LOST RPM WHILE MANEUVERING ARND TALL TREE, SETTLED, STRUCK T/R, ENTERED SPIN, ROLLED DN HILL.							
3-1892	5/17/76	PRAIRIE CITY,OR	ENSTRON F-28A N530H DAMAGE-SUBSTANTIAL	CR-	0	0	1	NONCOMMERCIAL	STUDENT, AGE UNK/NR, 7R TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT JOHN DAY,OR	INTENDED DESTINATION RETURN					LAST ENROUTE STOP DEARDORFF SUMMIT,OR	
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	UNCONTROLLED					PHASE OF OPERATION TAKEOFF VERTICAL	
		PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.							
		REMARKS- TKOF FM QUARRY AT 6100FT. LOST RPM WHEN OUT OF GROUND-EFFECT.							

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2330	6/15/76 TIME - 1325	LOSTINE,OR	BELL 47G-4A N7945S DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 46, 5550 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT LOSTINE,OR		INTENDED DESTINATION LOCAL		PHASE OF OPERATION IN FLIGHT STARTING SWATH RUN	
	TYPE OF ACCIDENT COLLIDED WITH CROP					
	PROBABLE CAUSE(S) :					
	PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS					
	MISC-SETTLING WITH POWER					
	FACTOR(S)					
	WEATHER - HIGH DENSITY ALTITUDE					
	MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND					
	MISCELLANEOUS ACTS,CONDITIONS - PILOT FATIGUE					
	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				72	
	WIND DIRECTION-DEGREES				WIND VELOCITY-KNOTS	
	315				5	
	TYPE OF WEATHER CONDITIONS				TYPE OF FLIGHT PLAN	
	VFR				NONE	
	SPECIAL DATA					
	TOTAL HOURS IN CROP CONTROL - 4500				KIND OF OPERATION - SPRAYING CROPS	
	KIND OF CROP - GRAIN FIELDS				TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC	
	PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED				GLOVES - NOT USED	
	CRASH HELMFT - AVAILABLE USED				COCKPIT CRASHPAD - NOT INSTALLED	
	CRASH BAR - NOT INSTALLED				TANK/HOPPER-LOCATION - SIDES	
	TERRAIN-TYPE - LEVEL,FLAT				ELEVATION-AREA BEING TREATED-FEET - 3950	
	SWATH RUN-HOW FLOWN - DOWNWIND					
	FIRE AFTER IMPACT					
	REMARKS- 60GAL LOAD,DA 5700FT,13HRS PLT TIME IN LAST 24.					

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA	
				F	S	M/N			
3-3281	6/28/76 TIME - 1445	NR TYGH VALLEY, OR	HUGHES 369HS N9123F DAMAGE-DESTROYED	CR- PX-	0 1	1 0	0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 50, 8000 TOTAL HOURS, 1100 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT WAMIC, OR	INTENDED DESTINATION LOCAL						PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING POWER-OFF AUTOROTATIVE LANDING	
	TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH TREES								
	PROBABLE CAUSE(S) POWERPLANT - FUEL SYSTEM OTHER MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE MISCELLANEOUS ACTS, CONDITIONS - RPM-UNCONTROLLABLE-OVERSPEED PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING								
	FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS TERRAIN - ROUGH/UNEVEN EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND FIRE AFTER IMPACT								
	REMARKS- POWER TURBINE GOVERNOR DIAPHRAGM RUPTURED. THROTTLE IDLE CUT-OFF. FIRE 5-6 HRS AFTER ACCDT.								
3-0721	2/20/76 TIME - 1615	PERKASIE, PA	SIKORSKY S-51 N9286R DAMAGE-SUBSTANTIAL	CR- PX-	0 0	0 0	1 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL INSTR., AGE 57, 3570 TOTAL HOURS, 170 IN TYPE, NOT INSTRU- MENT RATED.
	NAME OF AIRPORT - CARSONS DEPARTURE POINT PERKASIE, PA	INTENDED DESTINATION SCRANTON, PA						PHASE OF OPERATION TAKEOFF VERTICAL	
	TYPE OF ACCIDENT NOSE OVER/DOWN								
	PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS								
	FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SOFT RUNWAY								
3-2010	5/8/76 TIME - 1940	COOPERSBURG, PA	ENSTRON F-28A N2900 DAMAGE-SUBSTANTIAL	CR- PX-	0 0	0 0	1 0	INSTRUCTIONAL TRAINING	STUDENT, AGE 28, 65 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT COOPERSBURG, PA	INTENDED DESTINATION LOCAL						PHASE OF OPERATION IN FLIGHT HOVERING	
	TYPE OF ACCIDENT ROLL OVER								
	PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS								
	FACTOR(S) TERRAIN - OTHER								
	REMARKS- PLT NOT AWARE HELICOPTER DRIFTING RIGHT. R SKID HIT SLOPING GROUND.								

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA	
				F	S	M/N			
3-4168	6/8/76 TIME - 1100	GREENBURG, PA	BRANTLY B-2B N2255U DAMAGE-SUBSTANTIAL	CR- PX-	0 0	0 0	1 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 49, 850 TOTAL HOURS, 228 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT GREENBURG, PA	INTENDED DESTINATION WEST MIFFLIN, PA	PHASE OF OPERATION					
		TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE TAIL ROTOR HARD LANDING		TAKEOFF INITIAL CLIMB LANDING POWER-OFF AUTOROTATIVE LANDING					
	PROBABLE CAUSE(S) ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM TAIL ROTOR DRIVE SHAFT ASSEMBLY MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE								
	FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - SEPARATION IN FLIGHT								
	REMARKS- T/R DRIVESHAFT SHEARED, BLADES SEPD. CAUSE OF OVERLOAD NOT DETERMINED.								
3-3780	6/22/76 TIME - 1825	MASONTOWN, PA	BELL 204-R N1308X DAMAGE-SUBSTANTIAL	CR- PX-	0 0	1 0	0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 31, 1850 TOTAL HOURS, 1200 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT MASONTOWN, PA	INTENDED DESTINATION LOCAL	PHASE OF OPERATION					
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH TREES		IN FLIGHT EN ROUTE TO TREAT CROP LANDING POWER-OFF AUTOROTATIVE LANDING					
	PROBABLE CAUSE(S) POWERPLANT - TURBINE ASSEMBLY BLADE, TURBINE WHEEL MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE TERRAIN - HIGH OBSTRUCTIONS								
	FACTOR(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION INADEQUATE MAINTENANCE AND INSPECTION MISCELLANEOUS ACTS, CONDITIONS - LOAD NOT JETTISONED COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND								
	SPECIAL DATA								
	TOTAL HOURS IN CROP CONTROL - 1200			KIND OF OPERATION - DEFOLIATION (LIQUID)					
	KIND OF CROP - FOREST-TREES			TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC					
	PILOT'S SEAT BELT - FASTENED-PROPERLY			GLOVES - NOT USED					
	GOGGLES - NOT USED			CRASH HELMET - AVAILABLE USED					
	COCKPIT CRASHPAD - NOT INSTALLED			CRASH BAR - NOT INSTALLED					
	TANK/HOPPER-LOCATION - AFT OF PILOT								
	REMARKS- FUEL REG SET 109 DEGREES. LYC P/N 1-100-490-06. FRACTURE OCRD BY STRESS RUPTURE MECHANISM.								

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2497	7/20/76 TIME - 1600	COLLEGEVILLE, PA	ENSTRON F-28A N9589 DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0	MISCELLANEOUS TEST	PRIVATE, AGE UNK/NR, 650 TOTAL HOURS, 35 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - PERKIDMEN DEPARTURE POINT COLLEGEVILLE, PA TYPE OF ACCIDENT AIRFRAME FAILURE IN FLIGHT	INTENDED DESTINATION LOCAL	PHASE OF OPERATION TAXI AERIAL TAXI, OTHER		
PROBABLE CAUSE(S) ROTORCRAFT - ROTOR ASSEMBLIES MAIN ROTOR HEAD ASSEMBLIES MISCELLANEOUS ACTS, CONDITIONS - CORRODED/CORROSION MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE REMARKS- ROTOR HUB FAILED ON TEST FLT ALONG RWY.						
3-3192	8/18/76 TIME - 1945	ZION GROVE, PA	BELL 47D1 N919B DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL. INSTR., AGE 31, 3280 TOTAL HOURS, 1715 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT ZION GROVE, PA TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES	INTENDED DESTINATION LOCAL	PHASE OF OPERATION IN FLIGHT SWATH RUN		
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS MISCELLANEOUS ACTS, CONDITIONS - SINGLARE						
SPECIAL DATA TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED KIND OF CROP - POTATOES PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - SIDES ELEVATION-AREA BEING TREATED- FEET - 1240						
				KIND OF OPERATION - SPRAYING CROPS TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC GLOVES - NOT USED CRASH HELMET - AVAILABLE USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - LEVEL, FLAT SWATH RUN-HOW FLOWN - WIND CALM		
3-4108	9/15/76 TIME - 1930	TELFORD, PA	BRANTLY 305 N2201U DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, FL. INSTR., AGE 29, 1147 TOTAL HOURS, 23 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT KING OF PRUSSIA, PA TYPE OF ACCIDENT HARD LANDING	INTENDED DESTINATION PLEASANT VALLEY, PA	PHASE OF OPERATION IN FLIGHT AUTOROTATIVE DESCENT		
PROBABLE CAUSE(S) MISC-LOSS OF ROTOR RPM FOR UNDETERMINED REASON PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE 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
3-0999	5/22/76 TIME - 1150	WEST GREENWICH,RI	BELL 47K N2886 DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 1 0	MISCELLANEOUS OTHER PUBLIC	COMMERCIAL, AGE 45, 2543 TOTAL HOURS, 700 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT WARWICK,RI		INTENDED DESTINATION WEST GREENWICH,RI			
	TYPE OF ACCIDENT AIRFRAME FAILURE	IN FLIGHT		PHASE OF OPERATION IN FLIGHT	NORMAL CRUISE	
	PROBABLE CAUSE(S) ROTORCRAFT - FLIGHT CONTROL SYSTEMS MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE					
	FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT					
	REMARKS- FATIGUE FAILURE OF RT ELEVATOR TUBULAR SPAR,ELEVATOR STRUCK TAIL ROTOR.					
3-1683	7/12/76 TIME - 1215	FAIR PLAY,SC	HUGHES 269A N8718F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 30, 4800 TOTAL HOURS, 3350 IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIRPORT - HELIPORT DEPARTURE POINT FAIR PLAY,SC		INTENDED DESTINATION LOCAL			
	TYPE OF ACCIDENT FIRE OR EXPLOSION	ON GROUND		PHASE OF OPERATION STATIC	OTHER	
	PROBABLE CAUSE(S) MISC-HOSE IGNITED DRG ROTOR ENGAGEMENT. INSTRUMENTS/EQUIPMENT AND ACCESSORIES - MISCELLANEOUS EQUIPMENT					
	SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 3350 KIND OF CROP - MOSQUITO CONTROL GLOVES - NOT USED CRASH HELMET - AVAILABLE USED CRASH BAR - NOT INSTALLED			KIND OF OPERATION - SPRAYING CROPS TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC GOGGLES - USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - SIDES		
	FIRE AFTER IMPACT REMARKS- FLAMMARLE SPRAY FM RUPTURE IN ACFT SPRAY EQUIP.					

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA	
				F	S	M/N			
3-2713	7/15/76 TIME - 1700	ORANGEBURG, SC	HUGHES 269B N9436F DAMAGE-DESTROYED	CR-	0	0	1	COMMERCIAL	COMMERCIAL, AGE 35, 5025 TOTAL HOURS, 4900 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT ORANGEBURG, SC		INTENDED DESTINATION LOCAL						
	TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION FIRE OR EXPLOSION ON GROUND							PHASE OF OPERATION IN FLIGHT STARTING SWATH RUN LANDING ROLL	
	PROBABLE CAUSE(S) POWERPLANT - ENGINE STRUCTURE MASTER AND CONNECTING RODS MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE MISCELLANEOUS ACTS, CONDITIONS - FIRE IN ENGINE COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE								
	SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 5000 KIND OF CROP - COTTON PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED GOGGLES - USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - SIDES ELEVATION-AREA BEING TREATED- FEET - 195 FIRE AFTER IMPACT REMARKS- PLT MADE SAFE EMERG LGD ACFT CONSUMED BY FIRE A RESULT OF NR 4 CONROD AND FRACTURE OF ENG CASE.							KIND OF OPERATION - SPRAYING CROPS TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC GLOVES - NOT USED CRASH HELMET - AVAILABLE USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - LEVEL, FLAT SWATH RUN-HOW FLOWN - WIND CALM	
3-3059	9/8/76 TIME - 1000	RIDGE SPRING, SC	BELL 47G N1273 DAMAGE-SUBSTANTIAL	CR-	0	0	1	COMMERCIAL	COMMERCIAL, AGE 31, 3500 TOTAL HOURS, 350 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT RIDGE SPRING, SC		INTENDED DESTINATION LOCAL						
	TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLISION WITH GROUND/WATER CONTROLLED							PHASE OF OPERATION IN FLIGHT EN ROUTE TO RELOADING AREA LANDING POWER-OFF AUTOROTATIVE LANDING	
	PROBABLE CAUSE(S) POWERPLANT - ENGINE STRUCTURE MOUNT AND VIBRATION ISOLATORS MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE TERRAIN - ROUGH/UNEVEN EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT								
	SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 1600 KIND OF CROP - COTTON PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - SIDES REMARKS- ENG SPRAG MOUNT ATTACHMENTS SEPARATED CAUSING SEVERE VIBRATIONS. CRASH LNDG IN LVL PLOWED FLD.							KIND OF OPERATION - SPRAYING CROPS TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC GLOVES - NOT USED CRASH HELMET - AVAILABLE USED CRASH BAR - NOT INSTALLED	

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2805	9/11/76 TIME - 1600	BATESBURG, SC	HUGHES 269B N9380F DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	MISCELLANEOUS FERRY	COMMERCIAL, AGE 29, 2381 TOTAL HOURS, 2156 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT MONETTA, SC	INTENDED DESTINATION BATESBURG, SC			PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING POWER-OFF AUTOROTATIVE LANDING	
	TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING					
	PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. POWERPLANT - ENGINE STRUCTURE MASTER AND CONNECTING RODS MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- NO 1 CYLINDER CONNECTING ROD BOLTS PN 71087 FAILED FOR UNDETERMINED REASON.					
3-3735	10/16/76 TIME - 1715	NR. LAURENS, SC	RENSEN R-8M N6536 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 47, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIRPORT - LAURENS CO AIRPT. DEPARTURE POINT LAURENS, SC	INTENDED DESTINATION LOCAL			PHASE OF OPERATION IN FLIGHT LOW PASS	
	TYPE OF ACCIDENT COLLISION WITH GROUND/WATER UNCONTROLLED					
	PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS REMARKS- MAIN ROTOR BLADES AND ENG DRIVEN PROPELLER MADE CONTACT DURING PLT INDUCED STALL MANEUVER					
3-1318	6/1/76 TIME - 1030	CACTUS FLATS, SD	BELL 47G-2 N46R DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL OTHER	COMMERCIAL, FL. INSTR., AGE 26, 1508 TOTAL HOURS, 29 IN TYPE, NOT INSTRU- MENT RATED.
	DEPARTURE POINT CACTUS FLAT, SD	INTENDED DESTINATION LOCAL			PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING POWER-OFF AUTOROTATIVE LANDING	
	TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING					
	PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS, CONDITIONS - FUEL EXHAUSTION COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND LOW ON FUEL					

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA	
				F	S	M/N			
3-3205	9/28/76 TIME - 1130	MILLINGTON, TN	HUGHES 269B N942BF DAMAGE-SUBSTANTIAL	CR- PX-	0 0	0 0	1 0	COMMERCIAL POWER/PIPELINE	COMMERCIAL, FL. INSTR., AGE 29, 3880 TOTAL HOURS, 2015 IN TYPE, NOT INSTRU- MENT RATED.
	DEPARTURE POINT MEMPHIS, TN	INTENDED DESTINATION LOCAL						PHASE OF OPERATION IN FLIGHT NORMAL CRUISE	
	TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING							LANDING POWER-OFF AUTOROTATIVE LANDING	
	PROBABLE CAUSE(S) POWERPLANT - ENGINE STRUCTURE MASTER AND CONNECTING RODS MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- CONROD BOLT P/N 74644 BKN AT R REAR CYL.								
3-3404	11/6/76 TIME - 1645	PIGEON FORGE, TN	BELL 47G-2 N6755D DAMAGE-DESTROYED	CR- PX-	1 0	0 2	0 0	COMMERCIAL OTHER	COMMERCIAL, AGE 24, 4764 TOTAL HOURS, 1856 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT PIGEON FORGE, TN	INTENDED DESTINATION LOCAL						PHASE OF OPERATION TAKEOFF INITIAL CLIMB	
	TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE COLLIDED WITH TREES	TAIL ROTOR						IN FLIGHT UNCONTROLLED DESCENT	
	PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL) ROTORCRAFT - ROTOR ASSEMBLIES TAIL ROTOR BLADES MISCELLANEOUS ACTS, CONDITIONS - FATIGUE FRACTURE FACTORS) PILOT IN COMMAND - EXERCISED POOR JUDGMENT MISCELLANEOUS ACTS, CONDITIONS - SEPARATION IN FLIGHT TERRAIN - HIGH OBSTRUCTIONS REMARKS- HISTORY OF TAIL ROTOR MAINTENANCE. TAIL ROTOR BLADE P/N 47-642-102-49, S/N A3-78208.								
3-3967	12/31/76 TIME - 1400	FAYETTEVILLE, TN	BRANTLY B2B N2271H DAMAGE-DESTROYED	CR- PX-	0 0	0 0	2 0	INSTRUCTIONAL DUAL	ATP, FLIGHT INSTR., AGE 31, 3806 TOTAL HOURS, 11 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - FAYETTEVILLE DEPARTURE POINT FAYETTEVILLE, TN	INTENDED DESTINATION LOCAL						PHASE OF OPERATION TAXI AERIAL TAXI TO TAKEOFF	
	TYPE OF ACCIDENT HARD LANDING								
	PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT DUAL STUDENT - IMPROPER OPERATION OF FLIGHT CONTROLS								

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0079	1/10/76 TIME - 1430	ENCINAL,TX	BELL 47G-4A N7948S DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 25, 1716 TOTAL HOURS, 542 IN TYPE, NOT INSTRU- MENT RATED.
	DEPARTURE POINT ENCINAL,TX	INTENDED DESTINATION LOCAL			PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING POWER-OFF AUTOROTATIVE LANDING	
	TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE ROLL OVER	TAIL ROTOR				
	PROBABLE CAUSE(S) ROTORCRAFT - FLIGHT CONTROL SYSTEMS MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- T/R PITCH CHG LINK FAILED.	TAIL ROTOR PITCH CONTROL SYSTEM				
3-0196	2/17/76 TIME - 1300	NR.ARTESIA WELLS,TX	BELL 47G-4A N78HB DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 28, 763 TOTAL HOURS, 263 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT ARTESIA WELLS,TX	INTENDED DESTINATION ENCINAL,TX			PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING POWER-OFF AUTOROTATIVE LANDING	
	TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE HARD LANDING	TAIL ROTOR				
	PROBABLE CAUSE(S) ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY INSTALLED PERSONNEL - MAINTENANCE,SERVICING,INSPECTION FACTOR(S) TERRAIN - ROUGH/UNEVEN EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- T/R GR BOX INPUT QUILL GRS UNMESHED DUE WASHER IMPROPERLY INSTALLED. LND ON HILL SIDE.	INADEQUATE MAINTENANCE AND INSPECTION				
3-0508	3/21/76 TIME - 1115	VAN HORN,TX	BELL 47G-2 N6730C DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS FERRY	COMMERCIAL, AGE 44, 6690 TOTAL HOURS, 149 IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIRPORT - CULBERSON COUNTY DEPARTURE POINT VAN HORN,TX	INTENDED DESTINATION LOCAL			PHASE OF OPERATION TAKENOFF VERTICAL	
	TYPE OF ACCIDENT ROLL OVER					
	PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED REMARKS- OFF LOAD FRM TRANSPORT TRAILER TO RAMP.					

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1492	5/22/76 TIME - 0830	CASTROVILLE, TX	HUGHES 269A N8871F DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL. INSTR., AGE 43, 3802 TOTAL HOURS, 3000 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - CASTROVILLE DEPARTURE POINT CASTROVILLE, TX TYPE OF ACCIDENT ROLL OVER	INTENDED DESTINATION LOCAL		PHASE OF OPERATION STATIC OTHER	
		PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC. PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT REMARKS- DISCUSSING MANEUVERS. 2300 RPM, COLLECTIVE FRICTIONED DWN FOR 12-15 MIN.				
3-1495	6/26/76 TIME - 1200	NR. LAMPASAS, TX	HUGHES 269C N8970F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	MISCELLANEOUS FERRY	COMMERCIAL, AGE 22, 300 TOTAL HOURS, 3 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT CASTROVILLE, TX TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES	INTENDED DESTINATION MINERAL WELLS, TX		LAST ENROUTE STOP BURNETT, TX PHASE OF OPERATION LANDING POWER-ON LANDING	
		PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS REMARKS- HIT PWR LINES LGD BESIDE HIWAY.				

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2224	7/17/76 TIME - 1145	MCALLEN, TX	BELL 47G-2 N38926 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 26, 3450 TOTAL HOURS, 3200 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT MCALLEN, TX		INTENDED DESTINATION LOCAL		PHASE OF OPERATION IN FLIGHT STARTING SWATH RUN LANDING POWER-ON LANDING	
	TYPE OF ACCIDENT STALL MUSH HARD LANDING					
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE					
	FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - JETTISONED LOAD EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND					
	SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 1600 KIND OF CROP - FRUIT ORCHARDS PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED GOGGLES - USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - SIDES ELEVATION-AREA BEING TREATED- FEET - 200 SWATH RUN-HOW FLOWN - CROSSWIND				KIND OF OPERATION - SPRAYING CROPS TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC GLOVES - USED CRASH HELMET - AVAILABLE USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - LEVEL, FLAT DENSE WITH TREES	
	REMARKS- PLT UN ARREST SINK RATE, HAD TO LND.					
3-2102	8/5/76 TIME - 1645	AMARILLO, TX	HUGHES 269B N9301F DAMAGE-SUBSTANTIAL	CR- 0 1 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	NO CERTIFICATE, AGE 26, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT AMARILLO, TX		INTENDED DESTINATION LOCAL		PHASE OF OPERATION IN FLIGHT HOVERING	
	TYPE OF ACCIDENT ROLL OVER					
	PROBABLE CAUSE(S) MISCELLANEOUS - INQUALIFIED PERSON OPERATED AIRCRAFT PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS COPILLOT - IMPROPER OPERATION OF FLIGHT CONTROLS					
	REMARKS- PIC OP CYCLIC, CP OP COLLECTIVE & PEDALS. NEITHER QUALIFIED IN ACFT.					

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2412	8/12/76 TIME - 1250	BROWNSVILLE, TX	ENSTROM F-28A N9057 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL BUSINESS	COMMERCIAL, AGE 50, 9675 TOTAL HOURS, 362 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT BROWNSVILLE, TX		INTENDED DESTINATION LOCAL		PHASE OF OPERATION TAKEOFF ABORTED	
	TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES					
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS					
	FACTOR(S) PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. TERRAIN - HIGH OBSTRUCTIONS					
	EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND					
	REMARKS- MANIFOLD PRESSURE ABOVE RED LINE TO SUSTAIN FLIGHT.					
3-2584	9/6/76 TIME - 0830	FREER, TX	BELL 47G2A1 N8417E DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL BUSINESS	COMMERCIAL, AGE 39, 10000 TOTAL HOURS, 300 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT FREER, TX		INTENDED DESTINATION LOCAL		PHASE OF OPERATION IN FLIGHT NORMAL CRUISE	
	TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE HARD LANDING	TAIL ROTOR			LANDING POWER-OFF AUTOROTATIVE LANDING	
	PROBABLE CAUSE(S) ROTORCRAFT - ROTOR ASSEMBLIES BEARINGS MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE					
	PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE					
	EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND					
		DIRECTIONAL CONTROL PROBLEM SUSPECTED MECHANICAL DISCREPANCY				
	REMARKS- HERDING CATTLE. T/R INPUT THRUST BEARING FAILED.					
3-2413	9/12/76 TIME - 1230	BOERNE, TX	BELL 206A N2291W DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL. INSTR., AGE 26, 1494 TOTAL HOURS, 403 IN TYPE, NOT INSTRU- MENT RATED.
	DEPARTURE POINT BOERNE, TX		INTENDED DESTINATION LOCAL		PHASE OF OPERATION TAKEOFF INITIAL CLIMB	
	TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING				LANDING OTHER	
	PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL)					
	POWERPLANT - COMPRESSOR ASSEMBLY OTHER					
	MISCELLANEOUS ACTS, CONDITIONS - STRIPPED					
	PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE					
	EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND					
	REMARKS- SEPN OF COMPRESSOR DISCHARGE PRESSURE PROBE FILTER ASSEMBLY CAUSED ENG TO GO TO FLIGHT IDLE.					



BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3112	10/12/76 TIME - 1000	KERRVILLE, TX	BELL 47G N2772 DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0	COMMERCIAL CONSTRUCTION	COMMERCIAL, FL. INSTR., AGE 44, 2891 TOTAL HOURS, 1060 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT KERRVILLE, TX	INTENDED DESTINATION LOCAL			PHASE OF OPERATION TAKEOFF OTHER	
	TYPE OF ACCIDENT COLLISION WITH GROUND/WATER UNCONTROLLED					
	PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED SPEED					
	FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - LOAD NOT JETTISONED					
	REMARKS- OPERATION TO LAY ROPE ACROSS CANYON USING REEL, SPEED BECAME EXCESSIVE FOR ROPE TO UNWIND.					
3-3760	10/24/76 TIME - 0915	LAREDO, TX	BELL 47G-4A N62445 DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 2 0	COMMERCIAL OTHER	COMMERCIAL, FL. INSTR., AGE 39, 3510 TOTAL HOURS, 2200 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT LAREDO, TX	INTENDED DESTINATION LOCAL			PHASE OF OPERATION IN FLIGHT OTHER	
	TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES					
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS					
	FACTOR(S) PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT					
	MISCELLANEOUS ACTS, CONDITIONS - UNWARRANTED LOW FLYING					
	FIRE AFTER IMPACT					
	REMARKS- WILD GAME SURVEY					
3-3119	10/26/76 TIME - 1010	SONORA, TX	BELL 47G N7732 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL AERIAL SURVEY	COMMERCIAL, AGE 30, 1504 TOTAL HOURS, 1081 IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIRPORT - DEPARTURE POINT SONORA, TX	TRANSPORT TRAILER INTENDED DESTINATION LOCAL			PHASE OF OPERATION LANDING POWER-ON LANDING LANDING POWER-ON LANDING	
	TYPE OF ACCIDENT COLLIDED WITH OBJECT ROLL OVER					
	PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE					
	FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - DOWNWIND					
	REMARKS- LNDG ON TRANS TRAILER T/R CONTACTED WIRE MESH, BECAME AIRBORNE, STARTED ROTATING & CRASH LNDG.					

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA	
				F	S	M/N			
3-0857	3/14/76	NR.BLUFF,UT TIME - 1200	HILLER ACFT UH-12E N67159 DAMAGE-DESTROYED	CR-	0	1	0	MISCELLANEOUS OTHER PUBLIC	ATP, FLIGHT INSTR., AGE 34, 4903 TOTAL HOURS, 313 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT KANE GULCH STA,UT	INTENDED DESTINATION LOCAL						
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	UNCONTROLLED					PHASE OF OPERATION IN FLIGHT HOVERING	
		PROBABLE CAUSE(S) ROTORCRAFT - FLIGHT CONTROL SYSTEMS MISCELLANEOUS ACTS, CONDITIONS - FATIGUE FRACTURE	CYCLIC PITCH CONTROL SYSTEM						
		REMARKS-	WOBBLE PLATE PYLON, PART NR 34004, FAILED.						
3-0970	4/10/76	BOUNTIFUL,UT TIME - 1520	HILLER ACFT UH-12D N67113 DAMAGE-SUBSTANTIAL	CR-	0	0	1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 37, 141 TOTAL HOURS, 99 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT BOUNTIFUL,UT	INTENDED DESTINATION LOCAL						
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	CONTROLLED					PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN	
		PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL							
		FACTOR(S) TERRAIN - ROUGH/UNEVEN WEATHER - HIGH DENSITY ALTITUDE WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT							
		SKY CONDITION CLEAR						CEILING AT ACCIDENT SITE UNLIMITED	
		VISIBILITY AT ACCIDENT SITE 5 OR OVER (UNLIMITED)						PRECIPITATION AT ACCIDENT SITE NONE	
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE						TEMPERATURE-F 66	
		WIND DIRECTION-DEGREES 340						WIND VELOCITY-KNOTS 10	
		TYPE OF WEATHER CONDITIONS VFR						TYPE OF FLIGHT PLAN NONE	
		REMARKS-	DA 7000FT.LNDD ON 30DEG SLOPE.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2743	7/14/76 TIME - 0800	COALVILLE,UT	BELL 206B N49570 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	COMMERCIAL CTR PASSG-O	COMMERCIAL, AGE 26, 3304 TOTAL HOURS, 510 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT COALVILLE,UT		INTENDED DESTINATION LOCAL		PHASE OF OPERATION LANDING POWER-ON LANDING LANDING POWER-ON LANDING	
	TYPE OF ACCIDENT HARD LANDING ROLL OVER					
	PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER LEVEL OFF					
	FACTOR(S) TERRAIN - ROUGH/UNEVEN MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE					
3-2742	8/7/76 TIME - 1630	LEHI,UT	BENSEN 8-AM N4194 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 42, 105 TOTAL HOURS, 27 IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIRPORT - LEHI DEPARTURE POINT LEHI,UT		INTENDED DESTINATION LOCAL		PHASE OF OPERATION LANDING ROLL-ON/RUN-ON	
	TYPE OF ACCIDENT HARD LANDING					
	PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER LEVEL OFF					
	FACTOR(S) PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS WEATHER - HIGH DENSITY ALTITUDE MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING					
	SKY CONDITION CLEAR				CEILING AT ACCIDENT SITE UNLIMITED	
	VISIBILITY AT ACCIDENT SITE 5 OR OVER(UNLIMITED)				PRECIPITATION AT ACCIDENT SITE NONE	
	OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE				RELATIVE BEARING OF WIND RIGHT QUARTERING HEAD WIND 023-067 DEGREES	
	TEMPERATURE-F R5				WIND DIRECTION-DEGREES 210	
	WIND VELOCITY-KNOTS 5				TYPE OF WEATHER CONDITIONS VFR	
	TYPE OF FLIGHT PLAN NONE					
	REMARKS- MCCULLOCH 4318G ENG, 1200RPM SHOULD HAVE BEEN USED IN DESCENT RATHER THAN IDLE RPM. D/A 7500FT.					

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4159	9/25/76 TIME - 1415	NR.MANTUA,UT	BELL 47G3B2 N2205W DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 1 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 43, 2670 TOTAL HOURS, 1850 IN TYPE, NOT INSTRU- MENT RATED.
		DEPARTURE POINT BOY SCOUT CAMP	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE COLLISION WITH GROUND/WATER	TAIL ROTOR UNCONTROLLED	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE IN FLIGHT UNCONTROLLED DESCENT		
PROBABLE CAUSE(S) ROTORCRAFT - ROTOR ASSEMBLIES BEARINGS ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM TAIL ROTOR GEAR BOX MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE MISCELLANEOUS ACTS,CONDITIONS - EXCESSIVE-WEAR/PLAY PERSONNEL - PRODUCTION-DESIGN-PERSONNEL SUBSTANDARD QUALITY CONTROL						
FACTOR(S) PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- WITNESSES SAW ACFT SPIN FROM 500 FT TO GROUND.FAILED BEARING HAD BEEN IN SERVICE 125 HRS.						
3-3443	10/15/76 TIME - 1045	NR.BEAVR,UT	BELL 47G N170B DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 1	MISCELLANEOUS HUNTING	ATP,FLIGHT INSTR., AGE 28, 2830 TOTAL HOURS, 160 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT MANDERFIELD,UT	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT COLLIDED WITH HARD LANDING	WIRES/POLES	PHASE OF OPERATION IN FLIGHT OTHER LANDING POWER-OFF AUTOROTATIVE LANDING		
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS						
FACTOR(S) PILOT IN COMMAND - IMPROPER LEVEL OFF TERRAIN - HIGH OBSTRUCTIONS MISCELLANEOUS ACTS,CONDITIONS - SUNGLARE REMARKS- WIRES VARIED IN HEIGHT FROM 30 TO 200FT AGL.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0653	1/31/76 TIME - 1145	COLLINSVILLE,VA	AIR & SPACE 18A N61285 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 39, 3340 TOTAL HOURS, 120 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT MARTINSVILLE,VA	INTENDED DESTINATION LOCAL			PHASE OF OPERATION IN FLIGHT NORMAL CRUISE	
	TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLISION WITH GROUND/WATER CONTROLLED				LANDING POWER-OFF AUTOROTATIVE LANDING	
	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 - OTHER					
	COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED WEATHER FORECAST - UNKNOWN/NOT REPORTED					
	SKY CONDITION OVERCAST/LOWER SCATTERED				CEILING AT ACCIDENT SITE 25000	
	VISIBILITY AT ACCIDENT SITE 5 OR OVER(UNLIMITED)				PRECIPITATION AT ACCIDENT SITE NONE	
	OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE				TEMPERATURE-F 48	
	WIND DIRECTION-DEGREES 200				WIND VELOCITY-KNOTS 8	
	TYPE OF WEATHER CONDITIONS VFR				TYPE OF FLIGHT PLAN NONE	
	REMARKS- LNDD IN PARKING LOT.					
3-0126	2/4/76 TIME - 1515	CHESAPEAKE,VA	BELL 47G-2 N28238 DAMAGE-DESTROYED	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 28, 2968 TOTAL HOURS, 871 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT NORFOLK,VA	INTENDED DESTINATION LOCAL			PHASE OF OPERATION IN FLIGHT HOVERING	
	TYPE OF ACCIDENT ROLL OVER					
	PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT DUAL STUDENT - IMPROPER OPERATION OF FLIGHT CONTROLS					

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0219	2/18/76 TIME - 1540	RENTON,WA	HUGHES 269B N11212 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 30, 1947 TOTAL HOURS, 192 IN TYPE, NOT INSTRU- MENT RATED.
	DEPARTURE POINT SEATTLE,WA TYPE OF ACCIDENT COLLISION WITH GROUND/WATER		INTENDED DESTINATION LOCAL		PHASE OF OPERATION IN FLIGHT HOVERING	
	PROBABLE CAUSE(S) DUAL STUDENT - LACK OF FAMILIARITY WITH AIRCRAFT DUAL STUDENT - FAILURE TO RELINQUISH CONTROL PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT					
	REMARKS- BEGAN TO SETTLE FM 3FT HOVER.BOTH ON CTLS.INSTRUCTOR UNABLE TO OVERPOWER STUDENT.HIT R SKID,ROLLED					
3-0971	4/7/76 TIME - 0745	GLENOMA,WA	HILLER ACFT UH-12E N9732C DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL CTR PASSG-D	COMMERCIAL, AGE 28, 1801 TOTAL HOURS, 275 IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIRPORT - LOGGING UNIT NO.8 DEPARTURE POINT RANDLE,WA TYPE OF ACCIDENT COLLISION WITH GROUND/WATER		INTENDED DESTINATION GLENOMA,WA		PHASE OF OPERATION LANDING FINAL APPROACH	
	PROBABLE CAUSE(S) WEATHER - SUDDEN WINDSHIFT WEATHER - DOWNDRAFT,UPDRAFTS WEATHER BRIEFING - UNKNOWN/NOT REPORTED WEATHER FORECAST - UNKNOWN/NOT REPORTED					
	SKY CONDITION OVERCAST VISIBILITY AT ACCIDENT SITE 5 OR OVER(UNLIMITED) OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE WIND VELOCITY-KNOTS 20 TYPE OF FLIGHT PLAN VFR				CEILING AT ACCIDENT SITE 7000 PRECIPITATION AT ACCIDENT SITE NONE WIND DIRECTION-DEGREES 90 TYPE OF WEATHER CONDITIONS VFR	
	REMARKS- APCH TO MTN SITE.ENCOUNTERED WINDS REPORTEDLY GUSTING TO 35K AT 15FT AGL.					

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1911	4/21/76	PALOUSE,WA	BELL 47G-3B N2240W DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, FL INSTR., AGE 28, 3773 TOTAL HOURS, 1754 IN TYPE, INSTRUMENT RATED.
	TIME - 1710					
		NAME OF AIRPORT - PERKINS	INTENDED DESTINATION		PHASE OF OPERATION	
		DEPARTURE POINT	LOCAL		TAKEOFF VERTICAL	
		PALOUSE,WA				
		TYPE OF ACCIDENT				
		ROLL OVER				
		PROBABLE CAUSE(S)				
		MISCELLANEOUS - UNDETERMINED				
		SPECIAL DATA				
		TOTAL HOURS IN CROP CONTROL - 3773			KIND OF OPERATION - SPRAYING CROPS	
		KIND OF CROP - GRAIN FIELDS			TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC	
		PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED			GLOVES - NOT USED	
		GOGGLES - NOT USED			CRASH HELMET - AVAILABLE USED	
		COCKPIT CRASHPAD - NOT INSTALLED			CRASH BAR - NOT INSTALLED	
		TANK/HOPPER-LOCATION - SIDES			TERRAIN-TYPE - ROLLING	
		ELEVATION-AREA BEING TREATED-FEET - 2500				
		FIRE AFTER IMPACT				
		REMARKS- ROLLED LEFT AND AFT AFTER LIFTOFF,DESTROYED BY FIRE.				
3-1224	5/10/76	SPOKANE,WA	BELL 47G-3B N5R131 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 25, 2200 TOTAL HOURS, 330 IN TYPE, NOT INSTRUMENT RATED.
	TIME - 1230					
		DEPARTURE POINT	INTENDED DESTINATION		PHASE OF OPERATION	
		SPOKANE,WA	LOCAL		IN FLIGHT SWATH RUN	
		TYPE OF ACCIDENT				
		COLLIDED WITH WIRES/POLES				
		PROBABLE CAUSE(S)				
		PILOT IN COMMAND - OPERATED CARELESSLY				
		PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS				
		FACTOR(S)				
		TERRAIN - HIGH OBSTRUCTIONS				
		SPECIAL DATA				
		TOTAL HOURS IN CROP CONTROL - 300			KIND OF OPERATION - SPRAYING CROPS	
		KIND OF CROP - GRAIN FIELDS			TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC	
		PILOT'S SEAT BELT - FASTENED-PROPERLY			GLOVES - NOT USED	
		GOGGLES - USED			CRASH HELMET - AVAILABLE USED	
		CRASH BAR - NOT INSTALLED			TANK/HOPPER-LOCATION - FORWARD OF PILOT	
		TERRAIN-TYPE - HILLY			ELEVATION-AREA BEING TREATED-FEET - 2200	
		SWATH RUN-HOW FLOWN - CROSSWIND				
		REMARKS- PLT AWARE OF WIRES,BUT FORGOT ABOUT THEM DRG 3RD SWATH RUN				

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1227	5/12/76 TIME - 1930	FORKS,WA	BELL 47G-3B N3794G DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 33, 2400 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT FORKS,WA	INTENDED DESTINATION LOCAL			PHASE OF OPERATION IN FLIGHT SWATH RUN LANDING LEVEL OFF/TOUCHDOWN	
	TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE COLLISION WITH GROUND/WATER	TAIL ROTOR CONTROLLED				
	PROBABLE CAUSE(S) ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE	TAIL ROTOR GEAR BOX				
	FACTOR(S) TERRAIN - ROUGH/UNEVEN EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND					
	SPECIAL DATA TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED KIND OF CROP - OTHER PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - SIDES ELEVATION-AREA BEING TREATED- FEET - 1000				KIND OF OPERATION - SPRAYING FORESTS TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC GLOVES - NOT USED CRASH HELMET - AVAILABLE USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - HILLY SWATH RUN-HOW FLOWN - CROSSWIND	
	REMARKS- T/R GR BOX PINION SHAFT FAILED. CRASHED INTO HILLSIDE.				SPRAYING BRUSH.	
3-2829	6/9/76 TIME - 1230	ELTOPIA,WA	BELL 47G-2 N24A3B DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 42, 6470 TOTAL HOURS, 1305 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT ELTOPIA,WA	INTENDED DESTINATION LOCAL			PHASE OF OPERATION IN FLIGHT PROCEDURE TURNAROUND IN FLIGHT PROCEDURE TURNAROUND	
	TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE COLLIDED WITH WIRES/POLES	TAIL ROTOR				
	PROBABLE CAUSE(S) ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE TERRAIN - HIGH OBSTRUCTIONS	TAIL ROTOR DRIVE SHAFT ASSEMBLY				
	FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND					
	SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 5000 KIND OF CROP - GRAIN FIELDS PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - SIDES ELEVATION-AREA BEING TREATED- FEET - 600 PROCEDURE TURNAROUND - FIRST 1/3 TURN FIRE AFTER IMPACT				KIND OF OPERATION - SPRAYING CROPS TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC GLOVES - USED CRASH HELMET - AVAILABLE USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - LEVEL,FLAT SWATH RUN-HOW FLOWN - CROSSWIND	
	REMARKS- LOST T/R CTL AT LOW ALT OVER WIRES,FELL THROUGH WIRES.					



BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1747	6/17/76 TIME - 1915	CLEARWATER,WA	AEROSPATLE SE3133 N7329 DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0	COMMERCIAL CONSTRUCTION	COMMERCIAL, AGE 26, 2400 TOTAL HOURS, 219 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT UNKNOWN/NOT REPORTED	INTENDED DESTINATION CLEARWATER,WA			PHASE OF OPERATION IN FLIGHT HOVERING	
	TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	UNCONTROLLED				
	PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING MISCELLANEOUS ACTS,CONDITIONS - INTERFERENCE WITH FLIGHT CONTROLS FACTOR(S) TERRAIN - OTHER					
	REMARKS-	SLING CABLE STRUCK T/R. CRASHED IN CANYON.				
3-1748	6/26/76 TIME - 1600	WESTPORT,WA	BELL 206B N1009B DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 63, 2935 TOTAL HOURS, 135 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT OLYMPIA,WA	INTENDED DESTINATION WESTPORT,WA			PHASE OF OPERATION LANDING FINAL APPROACH	
	TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES					
	PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED CLEARANCE FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS					
3-3530	8/10/76 TIME - 1325	NR.KENNEWICK,WA	HILLER ACFT UH-12E N7411N DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL CONSTRUCTION	COMMERCIAL, AGE UNK/NR, 15000 TOTAL HOURS, 10000 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT KENNEWICK,WA	INTENDED DESTINATION LOCAL			PHASE OF OPERATION IN FLIGHT HOVERING	
	TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING				LANDING POWER-OFF AUTOROTATIVE LANDING	
	PROBABLE CAUSE(S) POWERPLANT - FUEL SYSTEM PUMPS MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC. COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND					
	REMARKS-	AUX FUEL PUMP NOT USED AT TIME ENG-DRIVEN PUMP FAILED.OP MANUAL STATES PUMP SHOULD HAVE BEEN ON.				

BRIFFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA	
				F	S	M/N			
3-3431	8/11/76	NR.VANCOUVER,WA	BELL 47G3B2 N7092J DAMAGE-DESTROYED	CR- PX-	0 0	0 0	1 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 57, 5800 TOTAL HOURS, 4500 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT VANCOUVER,WA	INTENDED DESTINATION LOCAL					PHASE OF OPERATION IN FLIGHT STARTING SWATH RUN	
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER CONTROLLED							
		PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED FACTOR(S) WEATHER - LOW CEILING							
		SKY CONDITION OVERCAST						CEILING AT ACCIDENT SITE 200	
		VISIBILITY AT ACCIDENT SITE 1 MILE OR LESS						PRECIPITATION AT ACCIDENT SITE UNKNOWN/NOT REPORTED	
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE UNKNOWN/NOT REPORTED						TEMPERATURE-F 60	
		TYPE OF WEATHER CONDITIONS VFR						TYPE OF FLIGHT PLAN NONE	
		REMARKS- TURBO CHARGED. ENG EXAM DISCLOSED NO EVIDENCE OF MALFUNCTION. WX VFR FOR TYPE OF OPERATION.							
3-3908	9/7/76	HUMPTULIPS,WA	HILLER ACFT UH-12E N48001 DAMAGE-SUBSTANTIAL	CR- PX-	0 0	1 0	0 0	COMMERCIAL CONSTRUCTION	COMMERCIAL, AGE 31, 5400 TOTAL HOURS, 3200 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT HUMPTULIPS,WA	INTENDED DESTINATION LOCAL					PHASE OF OPERATION IN FLIGHT NORMAL CRUISE IN FLIGHT AUTOROTATIVE DESCENT	
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH TREES							
		PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS REMARKS- ENG FAILED 30FT ABOVE TREES.							

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3909	9/15/76 TIME - 1400	CASHMERE,WA	BELL 47G-3B N6712D DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 38, 6231 TOTAL HOURS, 1000 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT CASHMERE,WA	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE	TAIL ROTOR	PHASE OF OPERATION IN FLIGHT PROCEDURE TURNAROUND		
PROBABLE CAUSE(S) ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM TAIL ROTOR GEAR BOX MISCELLANEOUS ACTS.CONDITIONS - MATERIAL FAILURE						
SPECIAL DATA						
		TOTAL HOURS IN CRUP CONTROL - 53			KIND OF OPERATION - SPRAYING CROPS	
		KIND OF CRUP - FRUIT ORCHARDS			TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC	
		PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED			GLOVES - NOT USED	
		GOGGLES - NOT USED			CRASH HELMET - AVAILABLE USED	
		COCKPIT CRASHPAD - NOT INSTALLED			CRASH BAR - NOT INSTALLED	
		TANK/HOPPER-LOCATION - AFT OF PILOT			TERRAIN-TYPE - LEVEL,FLAT	
		ELEVATION-AREA BEING TREATED-FEET - 850			HILLY	
		SWATH RIN-HOW FLOWN - CROSSWIND				
REMARKS- PINION SHAFT SHEARED.						
3-3093	9/20/76 TIME - 0710	CARSON,WA	HILLER ACFT UH-12D N62245 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL OTHER	COMMERCIAL, AGE 37, 5671 TOTAL HOURS, 610 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT CARSON,WA	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH TREES		PHASE OF OPERATION TAKEOFF INITIAL CLIMB LANDING POWER-OFF AUTOROTATIVE LANDING		
PROBABLE CAUSE(S) PERSONNEL - MISCELLANEOUS-PERSONNEL PASSENGER MISCELLANEOUS ACTS.CONDITIONS - FUEL STARVATION TERRAIN - HIGH OBSTRUCTIONS COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- PAX IN CTR SEAT.FUEL VALVE INADVERTENTLY SECURED WHEN LOGGING PERS EXITED ACFT.ENG FAIL AFTER DEP.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3285	10/4/76 TIME - 1745	BRINNON,WA	HILLER ACFT UH-12E N2HL DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, FL.INSTR., AGE 32, 1849 TOTAL HOURS, 55 IN TYPE, NOT INSTRU- MENT RATED.
	DEPARTURE POINT BRINNON,WA	INTENDED DESTINATION LOCAL			PHASE OF OPERATION TAKENOFF INITIAL CLIMB LANDING POWER-OFF AUTOROTATIVE LANDING	
	TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION ROLL OVER					
	PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION TERRAIN - ROUGH/UNEVEN COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND					
	SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 55 KIND OF CROP - FOREST-TRFES PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - SIDFS				KIND OF OPERATION - FERTILIZING (JUST) TYPE OF CHEMICAL USED - UNKNOWN/NOT REPORTED GLOVES - NOT USED CRASH HELMET - AVAILABLE USED CRASH BAR - NOT INSTALLED	
	REMARKS- ENG FAIL AFTER TKOF.NO FUEL IN TANK.LNDD DOWNSLOPE IN BRUSH AND STUMPS.					
3-3521	11/19/76 TIME - 1600	NR.EPHRATA,WA	HILLER ACFT UH-12E N5380V DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0	COMMERCIAL CONSTRUCTION	COMMERCIAL, FL.INSTR., AGE 26, 3500 TOTAL HOURS, 400 IN TYPE, NOT INSTRU- MENT RATED.
	DEPARTURE POINT EPHRATA,WA	INTENDED DESTINATION LOCAL			PHASE OF OPERATION IN FLIGHT HOVERING	
	TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES					
	PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED CLEARANCE PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT FACTOR(S) PERSONNEL - MISCELLANEOUS-PERSONNEL GROUND CREWMAN TERRAIN - HIGH OBSTRUCTIONS FIRE AFTER IMPACT					
	REMARKS- STRINGING PWR LINES.WORKING BETWEEN HI-TENSION LINE & STATIC LINE,STRUCK STATIC LINE.					

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3619	12/1/76 TIME - 1300	NEILTON,WA	HILLER ACFT UH-12E N93479 DAMAGE-DESTROYED INTENDED DESTINATION MOCLIPS,WA	CR- 0 0 1 PX- 0 0 0	COMMERCIAL OTHER	COMMERCIAL, AGE 32, 1893 TOTAL HOURS, 275 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT HUMPTULIPS,WA TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING				PHASE OF OPERATION IN FLIGHT HOVERING LANDING LEVEL OFF/TOUCHDOWN	
	PROBABLE CAUSE(S) PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS,CONDITIONS - INATTENTIVE TO FUEL SUPPLY MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION FACTOR(S) TERRAIN - ROUGH/UNEVEN COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- EXTERNAL LOAD OF CFAR BOLTS.M/R STRUCK TAILBOOM ON LOG.					
3-3526	12/17/76 TIME - 1145	RENTON,WA	HILLER ACFT FH1100 NR678 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL CHECK	COMMERCIAL, AGE 32, 3194 TOTAL HOURS, 3 IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIRPORT - LONGACKES DEPARTURE POINT RENTON,WA TYPE OF ACCIDENT HARD LANDING		INTENDED DESTINATION LOCAL		PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN	
	PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER LEVEL OFF PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT FACTOR(S) CHECK PILOT - INADEQUATE SUPERVISION OF FLIGHT CHECK PILOT - LACK OF FAMILIARITY WITH AIRCRAFT MISCELLANEOUS ACTS,CONDITIONS - SIMULATED CONDITIONS REMARKS- LATE FLARE DRG PWR RECOVERY FM PRACTICE AUTOROTATIVE DESCENT.PIC-3HRS IN TYPE,CK PLT-4HRS IN TYPE.					
3-1004	4/12/76 TIME - 1800	ALBRIGHT,WV	HUGHES 369HS N9188F DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PRACTICE	PRIVATE, AGE 40, 767 TOTAL HOURS, 306 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT ALBRIGHT,WV TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING				PHASE OF OPERATION LANDING POWER-OFF AUTOROTATIVE LANDING LANDING POWER-OFF AUTOROTATIVE LANDING	
	PROBABLE CAUSE(S) MISCELLANEOUS ACTS,CONDITIONS - SIMULATED CONDITIONS PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- PRACTICE AUTOROTATIONS,REAR TAILSKID AREA STRUCK GND FIRST.					

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2182	7/25/76	NR.ABBOTSFORD,WI	HUGHES 269A N8929F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 29, 3922 TOTAL HOURS, 43 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - COLBY-ABBOTSFORD DEPARTURE POINT COLBY,WI TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING	INTENDED DESTINATION LOCAL		PHASE OF OPERATION IN FLIGHT POWER-ON DESCENT LANDING POWER-OFF AUTOROTATIVE LANDING	
		PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND				
3-2114	4/8/76	NR.EVANSTON,WY	ENSTRON F-28C N539H DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL CORP/EXEC	ATP, FLIGHT INSTR., AGE 28, 2962 TOTAL HOURS, 155 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - LANDING AREA DEPARTURE POINT EVANSTON,WY TYPE OF ACCIDENT HARD LANDING GEAR COLLAPSED	INTENDED DESTINATION LOCAL		PHASE OF OPERATION LANDING ROLL-ON/RUN-ON LANDING ROLL-ON/RUN-ON	
		PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. FACTOR(S) WEATHER - LOW CEILING WEATHER - HIGH DENSITY ALTITUDE MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED				
		SKY CONDITION OVERCAST VISIBILITY AT ACCIDENT SITE 1 MILE OR LESS OBSTRUCTIONS TO VISION AT ACCIDENT SITE GROUND FOG TEMPERATURE-F 40 TYPE OF FLIGHT PLAN NONE			CEILING AT ACCIDENT SITE 200 PRECIPITATION AT ACCIDENT SITE NONE RELATIVE BEARING OF WIND LIGHT AND VARIABLE TYPE OF WEATHER CONDITIONS VFR	
		REMARKS- DENSITY ALT 7000FT.WIND LIGHT.APPROACH MADE ON A SLIGHT DOWNSLOPE ROUTE.				

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4036	10/17/76 TIME - 1245	CASPER,WY	BELL R-212 N398EH DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 1 1	MISCELLANEOUS FERRY	AIRLINE TRANSPORT, AGE 57, 16000 TOTAL HOURS, 30 IN TYPE, INSTRUMENT RATED.
<p>NAME OF AIRPORT - NATRONA COUNTY DEPARTURE POINT DENVER,CO INTENDED DESTINATION BILLINGS,MONT TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE TAIL ROTOR ROLL OVER LAST ENROUTE STOP CASPER,WY PHASE OF OPERATION LANDING POWER-ON LANDING LANDING POWER-ON LANDING</p> <p>PROBABLE CAUSE(S) ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM TAIL ROTOR DRIVE SHAFT ASSEMBLY MISCELLANEOUS ACTS,CONDITIONS - RPM-UNCONTROLLABLE-OVERSPEED MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE FACTOR(S) PERSONNEL - PRODUCTION-DESIGN-PERSONNEL POOR/INADEQUATE DESIGN EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP.T. DIRECTIONAL CONTROL PROBLEM REMARKS- INADVERTANT AND/OR UNRECOGNIZED ROTOR SYSTEM OVER SPEED. NO.4 TAIL ROTOR DRIVE SHFT CRIT. SPD. LOW</p>						
3-2324	4/23/76 TIME - 0808	GULF OF MEXICO	BELL 205-A1 NR167J DAMAGE-DESTROYED	CR- 1 0 0 PX- 11 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 47, 7206 TOTAL HOURS, 229 IN TYPE, NOT INSTRUMENT RATED.
<p>DEPARTURE POINT CAMERON,LA INTENDED DESTINATION WEST CAMERON 266 TYPE OF ACCIDENT AIRFRAME FAILURE IN FLIGHT PHASE OF OPERATION IN FLIGHT NORMAL CRUISE</p> <p>PROBABLE CAUSE(S) AIRFRAME - FUSELAGE OTHER ROTORCRAFT - MISCELLANEOUS UNITS AND ASSEMBLIES TAIL BOOMS/PYLONS/CONES MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER REMARKS- TAIL BOOM/FUSELAGE ATTACH FITTINGS FAILED. PLT &amp; 4 PAX NOT RECOVERED,PRESUMED FATAL.</p>						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3748	12/28/76 TIME - 0735	GULF OF MEXICO	BELL 206B N49667 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 29, 2661 TOTAL HOURS, 1494 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT PATTERSON, LA	INTENDED DESTINATION LOCAL	PHASE OF OPERATION		
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION DITCHING		LANDING FINAL APPROACH LANDING POWER-OFF AUTOROTATIVE LANDING		
PROBABLE CAUSE(S)						
POWERPLANT - FUEL SYSTEM FUEL CONTROL						
MISCELLANEOUS ACTS, CONDITIONS - FUEL STARVATION						
FACTOR(S)						
MISCELLANEOUS ACTS, CONDITIONS - IMPROPER EMERGENCY PROCEDURES						
MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER						
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE						
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER						
REMARKS- APPROACH TO OFFSHORE OIL RIG. FLOATS NOT INFLATED.						

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