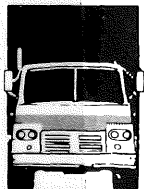
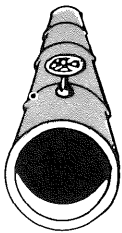
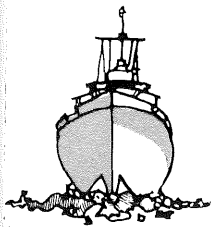
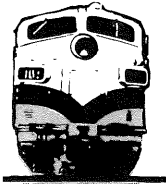
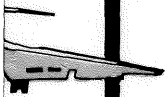


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NATIONAL TRANSPORTATION SAFETY BOARD

WASHINGTON, D.C. 20594

BRIEFS OF ACCIDENTS INVOLVING ROTORCRAFT

U. S. GENERAL AVIATION
1974

REPORT NUMBER: NTSB-AMM-75-15

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16. Abstract This publication contains reports of U.S. General Aviation Rotorcraft accidents occurring in 1974. Included are 285 accident Briefs, 47 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, pilot certificate, injuries and causal factor(s). 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 report contains U.S. General Aviation Rotorcraft accident Briefs arranged in state and date order. In addition, this publication includes several statistical tables which tabulate and summarize selected accident information, such as type of accident, phase of operation, injuries, cause/factors and pilot certificates.

In 1974, U.S. General Aviation Rotorcraft flew 1,431,600 hours and were involved in 285 accidents of which 47 were fatal, resulting in total and fatal accident rates per 100,000 hours of 19.90 and 3.28, respectively. In comparison, the entire General Aviation fleet incurred 4,423 total accidents and 729 fatal accidents while flying 32,474,600 hours giving it total and fatal accident rates per 100,000 hours of 13.6 and 2.24, respectively.

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:

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

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

The Briefs of Accidents contain the essential 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 photographs will be reproduced.

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EXPLANATORY NOTES

Type of Accident:

The type of accident relates to the circumstances involved in the accident. Briefly, it indicates what happened.

Phase of Operation:

The phase of operation relates to the particular segment of the flight or operation during which the circumstances of the accident occur. In other words, where in the flight the circumstances took place.

First and Second Type of Accident:

Two separate types may be coded in any one accident. The selection of first and second type is made in relation to the sequence of occurrence.

In those occurrences wherein more than two types or circumstances are involved, the selection of types is made considering the circumstances which may be of the greatest value from the standpoint of safety study. In such cases the two types selected are coded as first and second according to sequence of occurrence.

A secondary type is not normally used when the occurrence is the inevitable result of a prior occurrence resulting in the loss of control. Generally this pertains to collisions with ground or objects.

First and Second Phase of Operation:

The phase of operation is directly related to the type of accident. When more than one type is coded for an accident, each type will have a corresponding phase. In other words, the first phase of operation will be that phase of flight in which the first type or circumstance occurred. In the event that the first and second type both occur in one operational phase, the same phase is coded twice.

Cause and Related Factors:

In determining the probable cause of an accident, all facts, conditions and circumstances are considered. 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 reflect those elements of an accident which further explain or supplement the probable cause(s). This provision was incorporated in the coding system to increase its flexibility and to provide a means for collecting essential items of information which could not be readily categorized elsewhere in the system.

LIST OF ABBREVIATIONS USED IN BRIEFS

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

INJURIES, ACCIDENTS
ROTORCRAFT
U. S. GENERAL AVIATION

1974

	INJURIES					TOTAL
	FATAL	SERIOUS	MINOR	NONE	UNKNOWN	
PILOT	37	27	47	174		285
COPILOT	2		1	7		10
DUAL STUDENT	3	1	2	14		20
CHECK PILOT						
FLIGHT ENGINEER						
NAVIGATOR						
CABIN ATTENDANT						
EXTRA CREW	2	1	3	9		15
PASSENGERS	23	18	33	122		196
 TOTAL	 67	 47	 86	 326	 ABOARD	 526
 * OTHER AIRCRAFT	 3	 1		 5		 9
OTHER GROUND	2	4	5			11
 GRAND TOTAL	 72	 52	 91	 331		 546

INVOLVES 285 TOTAL ACCIDENTS
INVOLVES 47 FATAL ACCIDENTS

* INJURIES CARRIED OPPOSITE OTHER-AIRCRAFT ARE INJURIES OCCURRING IN AIRCRAFT THAT ARE NOT PART OF THIS SUBJECT TABULATION, BUT WERE PART OF THE TOTAL INJURIES INVOLVED IN COLLISIONS BETWEEN AIRCRAFT.

ANALYTIC TABLE

KIND OF FLYING BY PILOT CERTIFICATE

KIND OF FLYING	PILOT CERTIFICATE								RECORDS	ACCIDENTS	
	STUDENT	PRIVATE	COMMERCIAL	ATR	PRIVATE/ FL. INSTR.	COMMERCIAL/ FL. INSTR.	ATR/ FL. INSTR.	OTHER			NONE
<u>INSTRUCTIONAL</u>											
DUAL		1	1		16	2				20	20
SOLO	2		1							3	3
CHECK											
TRAINING	1		1		2					4	4
<u>NONCOMMERCIAL</u>											
PLEASURE	11	9	8	1	2	1		1	1	34	34
PRACTICE	1	2	3	1	4			2		13	13
BUSINESS		7	6	1	3					17	17
CORPORATE/EXECUTIVE			8	1						9	9
AERIAL SURVEY			2		1			1		4	4
COMPANY FLIGHT											
OTHER											
<u>COMMERCIAL</u>											
AERIAL APPLICATION			30		1	13	1			45	45
CROP CONTROL RELATED FLIGHT			17	1		3	1			22	22
FIRE CONTROL											
FIRE CONTROL RELATED FLIGHT			3		1					4	4
AERIAL MAPPING/PHOTOGRAPHY			4		4	1				9	9
AERIAL ADVERTISING											
POWER AND PIPELINE PATROL			1		1					2	2
FISH SPOTTING			1							1	1
AIR TAXI-PASSENGER OPERATIONS			19		7	2				28	28
AIR TAXI-CARGO OPERATIONS			4							4	4
CONSTRUCTION WORK			8	1	1					10	10
SCHEDULED PASSENGER SERVICE											
SCHEDULED CARGO SERVICE											
INTRA-STATE CHARTER PASSG.			1							1	1
INTRA-STATE CHARTER CARGO.											
MILITARY CONTRACT-PASSENGER											
MILITARY CONTRACT-CARGO											
CHARTER CARGO-DOMESTIC			1			2				3	3
CHARTER PASSG-DOMESTIC			3							3	3
CHARTER-CARGO-INTERNATIONAL											
CHARTER-PASSG-INTERNATIONAL											

ANALYTIC TABLE KIND OF FLYING BY PILOT CERTIFICATE

PILOT CERTIFICATE

KIND OF FLYING

OTHER

UNKNOWN/NOT REPORTED

MISCELLANEOUS

EXPERIMENTATION

TEST

DEMONSTRATION

FERRY

SEARCH AND RESCUE

AIR SHOW/AIR RACING

PARACHUTE JUMP

PARACHUTE JUMP-AIR SHOW

TOWING GLIDERS

SEEDING CLOUDS

HUNTING

POLICE PATROL

HIGHWAY TRAFFIC ADVISORY

ALL OTHER PUBLIC FLYING

OTHER

UNKNOWN/NOT REPORTED

STUDENT
PRIVATE
COMMERCIAL
ATR
PRIVATE/ FL INSTR.
COMMERCIAL/ FL INSTR.
ATR / FL INSTR.
OTHER
NONE
UNKNOWN/
NOT REPORTED

RECORDS

11

ACCIDENTS

11

RECORDS

15 21 152 7 1 70 14 4 1

285

ACCIDENTS

15 21 152 7 1 70 14 4 1

285

ANALYTIC TABLE

FIRST TYPE OF ACCIDENT BY AIRCRAFT DAMAGE

FIRST TYPE OF ACCIDENT	AIRCRAFT DAMAGE				RECORDS	ACCIDENTS
	DESTROYED	SUBSTANTIAL	MINOR	NONE		
GROUND-WATER LOOP-SWERVE		4			4	4
DAGGED WINGTIP POD OR FLOAT						
WHEELS-UP LANDING						
WHEELS-DOWN LANDING IN WATER						
GEAR COLLAPSED	1				1	1
GEAR RETRACTED						
HARD LANDING		19			19	19
NOSE OVER/DOWN	2	1			3	3
ROLL OVER	6	15			21	21
OVERSHOOT						
UNDERSHOOT	2				2	2
<u>COLLISION BETWEEN AIRCRAFT</u>						
BOTH IN FLIGHT	3	1			4	4
ONE AIRBORNE						
BOTH ON GROUND		1			1	1
<u>COLLISION WITH GROUND/WATER</u>						
CONTROLLED	5	13			18	18
UNCONTROLLED	11	19			30	30
<u>COLLIDED WITH</u>						
WIRES/POLES	14	13			27	27
TREES	5	10			15	15
RESIDENCE/S						
BUILDING/S	2	1			3	3
FENCE, FENCEPOSTS						
ELECTRONIC TOWERS						
RUNWAY OR APPROACH LIGHTS						
AIRPORT HAZARD						
ANIMALS						
CROP	1	2			3	3
FLAGMAN LOADER						
DITCHES						
SNOWBANK		1			1	1
PARKED AIRCRAFT (UNATTENDED)						
AUTOMOBILE	1	1			2	2
DIRT BANK						

ANALYTIC TABLE

FIRST TYPE OF ACCIDENT BY AIRCRAFT DAMAGE

FIRST TYPE OF ACCIDENT	AIRCRAFT DAMAGE				RECORDS	ACCIDENTS
	DESTROYED	SUBSTANTIAL	MINOR	NONE		
OTHER	2	6			8	8
BIRD STRIKE						
<u>STALL</u>						
SPIN						
SPIRAL						
MUSH						
<u>FIRE OR EXPLOSION</u>						
IN FLIGHT						
ON GROUND	2				2	2
<u>AIRFRAME FAILURE</u>						
IN FLIGHT	6	6			12	12
ON GROUND	1	1			2	2
ENGINE TEARAWAY						
ENGINE FAILURE OR MALFUNCTION	17	61			78	78
<u>PROPELLER/ROTOR FAILURE</u>						
PROPELLER	1				1	1
TAIL ROTOR	7	6			13	13
MAIN ROTOR	3	1			4	4
PROP ROTOR ACNT TO PERSON		1	2	2	5	5
JET INTAKE/EXH ACNT TO PERS						
PROPELLER/JET/ROTOR BLAST						
TURBULENCE						
HAIL DAMAGE TO AIRCRAFT						
LIGHTNING STRIKE						
EVASIVE MANEUVER						
UNCONTROLLED ALT DEVIATION						
DITCHING						
MISSING ACFT NOT RECOVERED	1				1	1
MISCELLANEOUS/OTHER	3	2			5	5
UNDETERMINED						
RECORDS	96	185	2	2	285	
ACCIDENTS	96	185	2	2		285

ANALYTIC TABLE

FIRST PHASE OF OPERATION BY INJURY INDEX

FIRST OPERATIONAL PHASE	INJURY INDEX				RECORDS	ACCIDENTS
	FATAL	SERIOUS	MINOR	NONE		
<u>STATIC</u>						
STARTING ENGINE/S				1	1	1
IDLING ENGINE/S						
ENGINE RUNUP		1			1	1
IDLING ROTORS	1	5	1		7	7
PARKED-ENGINES NOT OPERATING			1		1	1
OTHER	1				1	1
<u>TAXI</u>						
TO TAKEOFF						
FROM LANDING						
OTHER						
GROUND TAXI TO TAKEOFF						
GROUND TAXI FROM LANDING						
GROUND TAXI, OTHER						
AERIAL TAXI TO TAKEOFF				1	1	1
AERIAL TAXI TO/FROM LANDING		1	1		2	2
AERIAL TAXI, OTHER				1	1	1
<u>TAKEOFF</u>						
RUN	1		1	2	4	4
INITIAL CLIMB	4	3	4	13	24	24
VERTICAL		4	5	16	25	25
RUNNING (ROTORCRAFT/VTOL-STOL)			1		1	1
ABORTED (FIXED-WING)						
ABORTED (ROTORCRAFT/VTOL)				2	2	2
ABORTED (ROTORCRAFT/STOL)				1	1	1
OTHER	1	1	1	3	6	6
<u>INFLIGHT</u>						
CLIMB TO CRUISE	1			1	2	2
NORMAL CRUISE	12	5	6	22	45	45
DESCENDING	1	1	1		3	3
HOLDING (IFR)						
HOVERING	1	1	4	5	11	11
POWER-ON DESCENT (ROTORCRAFT)	1		1	1	3	3
AUTOROTATIVE DESCENT				1	1	1
ACROBATICS						
BUZZING						

ANALYTIC TABLE

FIRST PHASE OF OPERATION BY INJURY INDEX

FIRST OPERATIONAL PHASE	INJURY INDEX				RECORDS	ACCIDENTS
	FATAL	SERIOUS	MINOR	NONE		
UNCONTROLLED DESCENT	4			1	5	5
EMERGENCY DESCENT						
LOW PASS	3			1	4	4
OTHER	8	1	1	11	21	21
EN ROUTE TO TREAT CRCP				3	3	3
EN ROUTE TO RELOADING AREA				1	1	1
SURVEY FIELD/AREA				1	1	1
STARTING SWATH RUN			1	3	4	4
SWATH RUN	1	4	2	15	22	22
FLAREOUT FOR SWATH RUN						
PULLUP FROM SWATH RUN				1	1	1
PROCEDURE TURNAROUND	1	2	7	3	13	13
CLEANUP SWATH						
MANEUVER TO AVOID OBSTRUCTION		1			1	1
RETURN TO STRIP			1		1	1
<u>LANDING</u>						
TRAFFIC PATTERN-CIRCLING				3	3	3
FINAL APPROACH (VFR)			5	5	10	10
INITIAL APPROACH						
FINAL APPROACH (IFR)						
LEVEL OFF/TOUCHDOWN			1	7	8	8
ROLL (FIXED WING)				1	1	1
ROLL-ON/RUN-ON (ROTORCRAFT)			1	2	3	3
POWER-ON LANDING (ROTORCRAFT)	2		5	11	18	18
POWER-OFF AUTOROTATIVE LDG	2		1	8	11	11
GO-AROUND (VFR)			3		3	3
MISSED APPROACH (IFR)						
OTHER	1	1		5	7	7
UNKNOWN/NOT REPORTED	1				1	1
RECORDS	47	30	53	155	285	
ACCIDENTS	47	30	53	155		285

CAUSE/FACTOR TABLE
 ROTORCRAFT
 U. S. GENERAL AVIATION ACCIDENTS
 1974

INVOLVES 285 TOTAL ACCIDENTS
 INVOLVES 47 FATAL ACCIDENTS

BROAD CAUSE/FACTOR -----	FATAL ACCIDENTS -----			NONFATAL ACCIDENTS -----			ALL ACCIDENTS -----		
	CAUSE -----	FACTOR -----	TOTAL* -----	CAUSE -----	FACTOR -----	TOTAL* -----	CAUSE -----	FACTOR -----	TOTAL* -----
PILOT	29 61.70	10 21.28	31 65.96	189 79.41	28 11.76	193 81.09	218 76.49	38 13.33	224 78.60
PERSONNEL	10 21.28	5 10.64	12 25.53	22 9.24	8 3.36	30 12.61	32 11.23	13 4.56	42 14.74
AIRFRAME	.00	.00	.00	2 .84	.00	2 .84	2 .70	.00	2 .70
LANDING GEAR	.00	.00	.00	4 1.68	.00	4 1.68	4 1.40	.00	4 1.40
POWERPLANT	5 10.64	.00	5 10.64	43 18.07	4 1.68	46 19.33	48 16.84	4 1.40	51 17.89
SYSTEMS	.00	.00	.00	.00	.00	.00	.00	.00	.00
INSTRUMENTS/EQUIPMENT AND ACCESSORIES	1 2.13	1 2.13	2 4.26	2 .84	1 .42	3 1.26	3 1.05	2 .70	5 1.75
ROTORCRAFT	10 21.28	2 4.26	12 25.53	25 10.50	2 .84	27 11.34	35 12.28	4 1.40	39 13.68
AIRPORTS/AIRWAYS/FACILITIES	.00	.00	.00	1 .42	7 2.94	8 3.36	1 .35	7 2.46	8 2.81
WEATHER	1 2.13	10 21.28	10 21.28	5 2.10	27 11.34	32 13.45	6 2.11	37 12.98	42 14.74
TERRAIN	1 2.13	15 31.91	16 34.04	19 7.98	81 34.03	100 42.02	20 7.02	96 33.68	116 40.70
MISCELLANEOUS	1 2.13	1 2.13	2 4.26	12 5.04	3 1.26	15 6.30	13 4.56	4 1.40	17 5.96
UNDETERMINED	6 12.77	.00	6 12.77	2 .84	.00	2 .84	8 2.81	.00	8 2.81

THE FIGURES OPPOSITE EACH CAUSAL CATEGORY REPRESENT THE NUMRER 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
 ROTORCRAFT
 U. S. GENERAL AVIATION ACCIDENTS
 1974

INVOLVES 285 TOTAL ACCIDENTS
 INVOLVES 47 FATAL ACCIDENTS

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
** PILOT **									
PILOT IN COMMAND									
ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL				5		5	5		5
BECAME LOST/DISORIENTED				2		2	2		2
CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS	2		2	3		3	5		5
DELAYED IN INITIATING GO-AROUND				3		3	3		3
DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT	1	1	2	6	5	11	7	6	13
FAILED TO SEE AND AVOID OTHER AIRCRAFT	3		3	1		1	4		4
FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS	6		6	19		19	25		25
FAILED TO OBTAIN/MAINTAIN FLYING SPEED				1		1	1		1
MISJUDGED, SPEED, ALTITUDE OR CLEARANCE				2		2	2		2
FAILED TO MAINTAIN ADEQUATE ROTOR RPM	6	1	7	39	2	41	45	3	48
FAILED TO USE OR INCORRECTLY USED MISC EQUIPMENT		1	1					1	1
FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES ETC	1		1	5	1	6	6	1	7
IMPROPER OPERATION OF POWERPLANT + POWERPLANT CONTROLS	2		2	6		6	8		8
IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS				1		1	1		1
IMPROPER OPERATION OF FLIGHT CONTROLS	5		5	35		35	40		40
IMPROPER LEVEL OFF				10		10	10		10
IMPROPER IN-FLIGHT DECISIONS OR PLANNING	2	1	3	6	1	7	8	2	10
IMPROPER COMPENSATION FOR WIND CONDITIONS	1		1	9	2	11	10	2	12
INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING	1	4	5	30	6	36	31	10	41
INADEQUATE SUPERVISION OF FLIGHT		1	1	7		7	7	1	8
LACK OF FAMILIARITY WITH AIRCRAFT				6	9	15	6	9	15
MISMANAGEMENT OF FUEL				15		15	15		15
EXERCISED POOR JUDGMENT	2		2	1	2	3	3	2	5
OPERATED CARELESSLY				1		1	1		1
SELECTED UNSUITABLE TERRAIN	1		1	14	2	16	15	2	17
INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS	1		1				1		1
SPONTANEOUS-IMPROPER ACTION	1		1	4	1	5	5	1	6
MISJUDGED DISTANCE, SPEED, AND ALTITUDE				1		1	1		1
MISJUDGED DISTANCE AND SPEED				1		1	1		1
MISJUDGED DISTANCE AND ALTITUDE				3		3	3		3
MISJUDGED SPEED AND ALTITUDE	1		1	26		26	27		27
MISJUDGED SPEED	1		1	1		1	2		2
MISJUDGED ALTITUDE AND CLEARANCE				3		3	3		3
MISJUDGED ALTITUDE				3		3	3		3
MISJUDGED CLEARANCE	2		2	17		17	19		19
IMPROPER RECOVERY FROM BOUNCED LANDING				1		1	1		1
PHYSICAL IMPAIRMENT		1	1					1	1
SPATIAL DISORIENTATION	2		2	1		1	3		3
LEFT AIRCRAFT UNATTENDED ENGINE RUNNING				1		1	1		1
FAILED TO MAINTAIN DIRECTIONAL CONTROL				5		5	5		5
FAILED TO ABORT TAKEOFF				2		2	2		2
SUBTOTAL	41	10	51	296	31	327	337	41	378
COPILOT									
MISJUDGED SPEED AND ALTITUDE				1		1	1		1
MISJUDGED CLEARANCE				1		1	1		1
SUBTOTAL				2		2	2		2
DUAL STUDENT									
MISJUDGED DISTANCE, SPEED, ALTITUDE OR CLEARANCE				1		1	1		1
FAILED TO MAINTAIN ADEQUATE ROTOR RPM				2		2	2		2
IMPROPER OPERATION OF FLIGHT CONTROLS				2		2	2		2
MISJUDGED SPEED AND ALTITUDE				1		1	1		1
SUBTOTAL				6		6	6		6

CAUSE/FACTOR TABLE

PERSONNEL (CONTINUED)

	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
** PERSONNEL **									
FLIGHT INSTRUCTOR									
MAINTENANCE, SERVICING, INSPECTION									
IMPROPER MAINTENANCE(MAINTENANCE PERSONNEL)	1		1	4		4	5		5
IMPROPER MAINTENANCE(OWNER PERSONNEL)					2	2		2	2
IMPROPERLY SERVICED AIRCRAFT(GROUND CREW)	1		1	1		1	2		2
INADEQUATE INSPECTION OF AIRCRAFT(MAINTENANCE PERSONNEL)					1	1		1	1
INADEQUATE INSPECTION OF ACFT(OWNER-PILOT PERSONNEL)		1	1					1	1
INADEQUATE MAINTENANCE AND INSPECTION	5		5	8	1	9	13	1	14
OTHER				1		1	1		1
OPERATIONAL SUPERVISORY PERSONNEL									
INADEQUATE SUPERVISION/TRAINING OF RAMP CREWS				2		2	2		2
DEFICIENCY, COMPANY MAINTAINED EQMT, SERV, REGULATIONS				1	1	2	1	1	2
WEATHER PERSONNEL									
TRAFFIC CONTROL PERSONNEL									
FAILURE TO ADVISE OF OTHER TRAFFIC		1	1					1	1
AIRPORT SUPERVISORY PERSONNEL									
AIRWAYS FACILITIES PERSONNEL									
PRODUCTION-DESIGN-PERSONNEL									
POOR/INADEQUATE DESIGN		2	2	2	1	3	2	3	5
MISCELLANEOUS-PERSONNEL									
PILOT OF OTHER AIRCRAFT	3		3	2		2	5		5
GROUND CREWMAN				2	1	3	2	1	3
PASSENGER		1	1	2		2	2	1	3
DRIVER OF VEHICLE					1	1		1	1
THIRD PILOT									
FLIGHT ENGINEER									
FLIGHT PERSONNEL									
DISPATCHING (AIR CARRIER ONLY)									
OTHER				2		2	2		2
DISPATCHING									
SUBTOTAL	10	5	15	27	8	35	37	13	50
** AIRFRAME **									
WINGS									
FUSELAGE									
LANDING GEAR									
MAIN GEAR-SHOCK ABSORBING ASSY, STRUTS, ATTACHMENTS, ETC				2		2	2		2
SKI ASSEMBLIES				1		1	1		1
SKID ASSEMBLY				1		1	1		1
OTHER				1		1	1		1
FLIGHT CONTROL SURFACES									
HORIZONTAL STABILIZER, ATTACHMENTS				1		1	1		1
OTHER				1		1	1		1
SUBTOTAL				7		7	7		7
** POWERPLANT **									
ENGINE STRUCTURE									
CRANKSHAFT				1		1	1		1
MASTER AND CONNECTING RODS				2		2	2		2
CYLINDER ASSEMBLY				1		1	1		1
PISTON, PISTON RINGS				1		1	1		1
VALVE ASSEMBLIES				1		1	1		1
OTHER				1		1	1		1
IGNITION SYSTEM									
SPARK PLUG	1		1				1		1
COILS				1		1	1		1
FUEL SYSTEM									
PUMPS				1		1	1		1
OTHER				2		2	2		2
LUBRICATING SYSTEM									
COOLING SYSTEM									
PROPELLER AND ACCESSORIES									
BLADES	1		1				1		1
EXHAUST SYSTEM									
STACKS					1	1		1	1
EXTERNAL SUPERCHARGER				1		1	1		1
ENGINE ACCESSORIES									

CAUSE/FACTOR TABLE

POWERPLANT (CONTINUED)

	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
STARTERS				1		1	1		1
ENGINE CONTROLS-COCKPIT									
THROTTLE-POWER LEVER ASSEMBLIES				1	1	2	1	1	2
POWERPLANT-INSTRUMENTS									
FUEL QUANTITY GAUGE					2	2		2	2
MISCELLANEOUS									
POWERPLANT FAILURE FOR UNDETERMINED REASONS	2		2	22		22	24		24
OTHER				2		2	2		2
REDUCTION GEAR ASSEMBLY									
GEARS, ACCESSORY DRIVE				1		1	1		1
COMPRESSOR ASSEMBLY									
SHAFT, ROTOR	1		1				1		1
COMBUSTION ASSEMBLY									
TURBINE ASSEMBLY									
WHEEL, TURBINE				1		1	1		1
BEARING, SHAFT				1		1	1		1
ACCESSORY DRIVE ASSEMBLY									
LUBRICATING SYSTEM									
COOLER, OIL				1		1	1		1
FUEL SYSTEM									
SAFETY SYSTEM									
IGNITION SYSTEM									
TORQUEMETER									
AIR BLEED									
EXHAUST SYSTEM									
CLAMPS				1		1	1		1
THRUST REVERSER									
PROPELLER SYSTEM									
CONSTANT SPEED DRIVE									
POWER LEVER									
PROPELLER LEVER									
REVERSE THRUST LEVER									
ENGINE INDICATING EQUIPMENT									
ENGINE INSTALLATION									
SUBTOTAL	5		5	43	4	47	48	4	52
** INSTRUMENTS/EQUIPMENT AND ACCESSORIES **									
FLIGHT AND NAVIGATION INSTRUMENTS									
COMMUNICATIONS AND NAVIGATION EQUIPMENT									
MISCELLANEOUS EQUIPMENT									
SPRAY, DUSTING EQUIPMENT	1		1	1	1	2	2	1	3
OTHER		1	1	1		1	1	1	2
SUBTOTAL	1	1	2	2	1	3	3	2	5
** ROTORCRAFT **									
ROTOR ASSEMBLIES									
MAIN ROTOR BLADES	2		2				2		2
TAIL ROTOR BLADES	1	1	2	2		2	3	1	4
MAIN ROTOR HEAD ASSEMBLIES	1		1				1		1
BLADE TRIM TABS					1	1		1	1
OTHER	2		2				2		2
TRANSMISSION ROTOR DRIVE SYSTEM									
MAIN ROTOR DRIVE SHAFT				1		1	1		1
MAIN ROTOR PULLEYS, BELTS				1		1	1		1
TAIL ROTOR DRIVE SHAFT ASSEMBLY	1		1	5		5	6		6
TAIL ROTOR GEAR BOX				3		3	3		3
CLUTCH ASSEMBLY	1		1	5	1	6	6	1	7
FLIGHT CONTROL SYSTEMS									
CYCLIC PITCH CONTROL SYSTEM	1		1	3		3	4		4
TAIL ROTOR PITCH CONTROL SYSTEM				2		2	2		2
OTHER				2		2	2		2
MISCELLANEOUS UNITS AND ASSEMBLIES									
TAIL BOOMS/PYLONS/CONES	1	1	2				1	1	2
OTHER				1		1	1		1
SUBTOTAL	10	2	12	25	2	27	35	4	39

CAUSE/FACTOR TABLE

AIRPORTS/AIRWAYS/FACILITIES (CONTINUED)

	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
** AIRPORTS/AIRWAYS/FACILITIES **									
AIRPORT FACILITIES									
AIRPORT CONDITIONS									
SNOW ON RUNWAY					1	1		1	1
HIGH VEGETATION					1	1		1	1
OTHER				1	5	6	1	5	6
AIRWAYS FACILITIES									
SUBTOTAL				1	7	8	1	7	8
** WEATHER **									
LOW CEILING		3	3		2	2		5	5
RAIN					1	1		1	1
FOG		3	3		1	1		4	4
SNOW					1	1		1	1
CONDITIONS CONDUCTIVE TO CARB/INDUCTION SYSTEM ICING		2	2		1	1		3	3
UNFAVORABLE WIND CONDITIONS	1	2	3	1	13	14	2	15	17
SUDDEN WINDSHIFT				2		2	2		2
DOWNDRAFTS, UPDRAFTS	1		1	2	1	3	3	1	4
OBSTRUCTIONS TO VISION					1	1		1	1
HIGH DENSITY ALTITUDE		3	3		7	7		10	10
THUNDERSTORM ACTIVITY					1	1		1	1
SUBTOTAL	2	13	15	5	29	34	7	42	49
** TERRAIN **									
WET, SOFT GROUND		1	1	4	7	11	4	8	12
SNOW-COVERED					5	5		5	5
HIGH VEGETATION					4	4		4	4
HIDDEN OBSTRUCTIONS					1	1		1	1
ROUGH/UNEVEN		3	3	8	13	21	8	16	24
ROUGH WATER					3	3		3	3
GLASSY WATER					1	1		1	1
HIGH OBSTRUCTIONS	1	11	12	7	44	51	8	55	63
SANDY		1	1					1	1
OTHER		1	1	2	7	9	2	8	10
SUBTOTAL	1	17	18	21	85	106	22	102	124
** MISCELLANEOUS **									
VORTEX TURBULENCE				1		1	1		1
EVASIVE MANEUVER TO AVOID COLLISION		1	1	4	1	5	4	2	6
UNQUALIFIED PERSON OPERATED AIRCRAFT				1		1	1		1
SABOTAGE				1		1	1		1
FOREIGN OBJECT DAMAGE	1		1				1		1
FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS				6	2	8	6	2	8
UNDETERMINED	6		6	2		2	8		8
SUBTOTAL	7	1	8	15	3	18	22	4	26
GRAND TOTAL	77	49	126	450	170	620	527	219	746
** MISCELLANEOUS ACTS, CONDITIONS **									
ANTI-ICING/DEICING EQUIP-IMPROPER OPER. OF/FAILED TO USE	2		2	1		1	3		3
DISREGARD OF GOOD OPERATING PRACTICE	1	1	2		1	1	1	2	3
IMPROPER EMERGENCY PROCEDURES				1	1	2	1	1	2
UNWARRANTED LOW FLYING		3	3	1	1	2	1	4	5
INATTENTIVE TO FUEL SUPPLY				1	1	2	1	1	2
POORLY PLANNED APPROACH	1		1	2		2	3		3
MISCALCULATED FUEL CONSUMPTION				1		1	1		1
JETTISONED LOAD		1	1		3	3		4	4
IMPROPERLY SECURED				3		3	3		3
FATIGUE FRACTURE	3		3	4		4	7		7
RPM-UNCONTROLLABLE-OVERSPEED				1	2	3	1	2	3
WINDSHIELD, DIRTY, FOGGY, ETC-RESTRICTED VISION					2	2		2	2
WRONG PART	1		1				1		1

CAUSE/FACTOR TABLE

MISCELLANEOUS ACTS, CONDITIONS (CONTINUED)

	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
IMPROPER ALIGNMENT/ADJUSTMENT	1		1	1		1	2		2
SEPARATION IN FLIGHT	1	8	9		5	5	1	13	14
FIRE IN ENGINE					1	1		1	1
LATERAL IMBALANCE				1		1	1		1
CORRODED/CORROSION				1		1	1		1
CONGESTED TRAFFIC-PATTERN		1	1					1	1
PILOT FATIGUE					1	1		1	1
FUEL EXHAUSTION				13		13	13		13
FUEL CONTAMINATION-EXCLUSIVE OF WATER IN FUEL	1		1				1		1
ALCOHOLIC IMPAIRMENT OF EFFICIENCY AND JUDGMENT		1	1					1	1
ICE-CARBURETOR	2		2	1		1	3		3
IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR CG		1	1		2	2		3	3
INTERFERENCE WITH FLIGHT CONTROLS	1		1				1		1
WHITEOUT					1	1		1	1
SUNGLARE				1	4	5	1	4	5
LACK OF LUBRICATION-SPECIFIC PART, NOT SYSTEM	1		1	3		3	4		4
OIL EXHAUSTION-ENGINE LUBRICATION SYSTEM				2		2	2		2
SIMULATED CONDITIONS		1	1	2	4	6	2	5	7
WATER IN FUEL	1		1	4		4	5		5
AIRCRAFT CAME TO REST IN WATER		6	6		8	8		14	14
FROZEN, MOISTURE				1		1			1
MISSING				3		3	3		3
OVERLOAD FAILURE	1	1	2		8	8	1	9	10
MATERIAL FAILURE	5		5	19	1	20	24	1	25
FUEL STARVATION				7		7	7		7
IMPROPER CLEARANCE-TOLERANCE	1		1				1		1
UNAPPROVED MODIFICATION					1	1		1	1
LEAK/LEAKAGE				1		1	1		1
DOWNWIND		1	1		4	4		5	5
LOOSE, PART/FITTING				2		2	2		2
GROUND RESONANCE				1		1	1		1
BINDING				1		1	1		1
DISCONNECTED	2		2	4		4	6		6
EXCESSIVE-WEAR/PLAY	1		1	3		3	4		4
ERRATIC				1	1	2	1		2
IMPROPERLY INSTALLED	2	1	3	5		5	7	1	8
OVERHEATED				1		1	1		1
PRESSURE TOO LOW				1		1	1		1
SHEARED				1		1	1		1
STICKING					1	1		1	1
VIBRATION, EXCESSIVE	1		1		1	1	1	1	2
CONGESTED RAMP/TAXIWAY					1	1		1	1
LOAD NOT JETTISONED	1		1		4	4	1	4	5

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

LISTING OF ACCIDENTS
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FILE NUMBER -----	AIRCRAFT REGIST. -----	DATE -----	LOCATION -----	AIRCRAFT MAKE -----	MODEL -----	INJURY INDEX -----
3 0025	N8718F	012274	ST MATTHEWS, SC	HUGHES	269-A	NONE
3 0031	N4343G	010374	TAUNTON, MASS	MCCULLOCH	J-2	NONE
3 0054	N11HV	012574	CORPUS CHRSTI, TEX	BELL	47G3B1	NONE
3 0060	N2991W	011274	NAURORA, COLO	BELL	47G-5	NONE
3 0063	N8563F	011274	KNIGHTDALE, NC	BELL	47G-5	NONE
3 0086	N73239	012574	NWELLS, NEV	BELL	47G3B1	MINOR
3 0090	N9741C	012474	HONOLULU, HAWAII	HILLER ACFT	UH-12E	MINOR
3 0124	N4020G	010874	NVENICE, LA	BELL	206B	FATAL
3 0138	N1412W	011774	READING, PA	BELL	47G-4A	FATAL
3 0191	N8968F	021974	WICHITA, KANS	HUGHES	269C	NONE
3 0214	N2473	021774	WIND LAKE, WIS	BENSEN	B8MV	NONE
3 0248	N9057	022674	OLMITO, TEX	ENSTROM	F-28A	NONE
3 0251	N4833	030874	GLORIA, LA	BELL	206B	NONE
3 0256	N8927F	010574	BURBANK, CALIF	HUGHES	269A	NONE
3 0257	N9103F	022374	BURBANK, CALIF	HUGHES	369HS	NONE
3 0262	N4341	021074	CORONA, CALIF	BENSEN	B8M	FATAL
3 0311	N90465	020574	SODA SPRINGS, ID	HILLER ACFT	UH-12E	NONE
3 0312	N5367V	030574	MT HOOD, OREG	HILLER ACFT	UH-12E	NONE
3 0363	N7936S	022474	CONRAD, MONT	BELL	47G3B1	NONE
3 0380	N1396X	012074	WAPATO, WASH	BELL	47G-4A	FATAL
3 0397	N2954W	012174	DEADHORSE, ALAS	BELL	206B	MINOR
3 0401	N74084	012874	WESTMINSTER, CALIF	BELL	47D1	FATAL
3 0411	N9333F	031174	LONG BEACH, CALIF	HUGHES	269A	MINOR
3 0416	N2294W	040674	YUMA, ARIZ	BELL	47G-5	NONE
3 0421	N59H	022474	NSPOKANE, WASH	BELL	47G-2	NONE
3 0435	N748FH	031374	NASPEN, COLO	HILLER ACFT	FH1100	NONE

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3 0469	N1136W	032374	NBORDERTOWN,NEV	BELL	47G-3B	NONE
3 0482	N9398F	022774	LIHUE,HAWAII	HUGHES	269B	NONE
3 0486	N7326	033074	TURLOCK,CALIF	ALOUETTE	IIIB	NONE
3 0490	N7923J	032474	NSTOCKTON,CALIF	BELL	47G-5	NONE
3 0514	N1EW	030174	HOMESTEAD,FLA	BENSON	B8M	FATAL
3 0515	N1580	032474	STORMVILLE,NY	SCORPION	1	NONE
3 0560	N441FH	012374	KNOXVILLE,TENN	HILLER ACFT	FH1100	SERIOUS
3 0573	N1150R	040674	MARION,OHIO	ENSTROM	F28A	NONE
3 0609	N977	040774	NROHNERVILLE,CALIF	SCORPION	II	MINOR
3 0636	N8975F	021674	BOISE CITY,OKLA	HUGHES	269C	FATAL
3 0637	N144CB	032974	NEW ROCHELLE,NY	BELL	206B	NONE
3 0674	N8719F	020574	SCOTT CITY,KANS	HUGHES	269A	NONE
3 0679	N22MP	041274	WASHINGTON,DC	BELL	47G4A	NONE
3 0684	N30AL	041174	PATTERSON,LA	BELL	206B	NONE
3 0692	N6265N	021374	KETCHUM,ID	BELL	206B	MINOR
3 0715	N4052G	031874	GRND.CANYON,ARIZ	BELL	206B	NONE
3 0718	N8145H	033074	GOULDBUSK,TEX	HILLER ACFT	UH-12A	NONE
3 0730	N9749C	031874	SUBLIMITY,OREG	HILLER ACFT	UH-12E	NONE
3 0755	N90469	032474	LONDON,OREG	HILLER ACFT	UH-12E	NONE
3 0758	N5161B	030374	FORKS,WASH	BELL	47G-2	NONE
3 0786	N8142J	041274	FLINT,MICH	BELL	47G5	MINOR
3 0788	N4895	042174	EAST PUTMAN,CONN	ENSTROM	F-28A	NONE
3 0809	N2822B	042374	SEWARD,ALAS	BELL	47G-2	MINOR
3 0819	N9562F	050674	REDWOOD CTY,CALIF	HUGHES	269B	FATAL
3 0839	N9592	032474	SUPERIOR,WIS	ENSTROM	F-28A	FATAL
3 0855	N8902F	042774	IMLAY CITY,MICH	HUGHES	269A-1	NONE

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3 0856	N9465F	010974	LOUISVILLE,KY	HUGHES	269B	MINOR
3 0861	N711JW	020174	ROYALTON,KY	BELL	47J-2	MINOR
3 0895	N5932X	042574	TARKIO,MO	BRANTLEY	B-2	NONE
3 0926	N8197J	030974	ARCADIA,FLA	BELL	47G5	NONE
3 0929	N6752D	050174	NORFOLK,VA	BELL	47G-2	MINOR
3 0934	N5663	032274	CORVALLIS,OREG	SIKORSKY	S-55B	NONE
3 0935	N24836	051174	NCERRILLOS,N MEX	BENSEN	B-8M	FATAL
3 0944	N58131	043074	NFARMINGTON,N MEX	BELL	47G3B2	NONE
3 0955	N9341F	041774	SPUR,TEX	HUGHES	269B	SERIOUS
3 0967	N8259	042474	NEAST DAYTON,NEV	ALOUETTE	III	MINOR
3 1014	N8491	042374	SLATON,TEX	PAULICKS	B-8	NONE
3 1045	N100EH	060574	NTALKEETNA,ALAS	HILLER ACFT	UH-12E	MINOR
3 1064	N865RL	050774	NKANEOME,HAWAII	SIKORSKY	S55B	NONE
3 1067	N90474	051774	NEWA BEACH,HAWAII	HILLER ACFT	UH-12E	SERIOUS
3 1082	N73691	040974	DAVIS,CALIF	BENSEN	B8M	NONE
3 1083	N68367	033074	NSEBASTOPOL,CALIF	BELL	47D1	NONE
3 1099	N9318F	042574	NLAHAINA,HAWAII	HUGHES	269B	NONE
3 1119	N73932	050274	CHELAN,WASH	BELL	47G3B1	NONE
3 1152	N4734S	050174	HART,MICH	BELL	47G	MINOR
3 1155	N4FL	042074	HEWITT,NJ	BELL	206B	NONE
3 1174	N58153	051474	UTOPIA,TEX	BELL	206B	MINOR
3 1238	N9332F	041874	SEATTLE,WASH	HUGHES	269B	SERIOUS
3 1246	N61757	052474	NMER ROUGE,LA	KAMAN ACFT	K-600	NONE
3 1250	N984B	041874	NCENTRALIA,WASH	BELL	47G-2	NONE
3 1270	N919B	050874	STEPHENS CITY,VA	BELL	47D1	NONE
3 1281	N2176U	061374	PHILADELPHIA,PA	BRANTLEY	B-28	FATAL

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FILE NUMBER -----	AIRCRAFT REGIST. -----	DATE -----	LOCATION -----	AIRCRAFT MAKE -----	MODEL -----	INJURY INDEX -----
3 1293	N4775S	031474	NMIAMI,FLA	BELL	47G-2	SERIOUS
3 1299	N5199B	052474	RICHMOND,VA	BELL	47J	FATAL
3 1317	N9660	031674	NOCHOPEE,FLA	BELL	47D1	NONE
3 1328	N25802	041074	BLUE RIDGE,GA	BELL	47G	NONE
3 1348	N9397F	021374	GAITHERSBURG,MD	HUGHES	269B	NONE
3 1403	N4797R	062174	BROOKLYN,NY	BELL	206A	NONE
3 1407	N1160W	061474	GAYLESVILLE,ALA	BELL	47G-4	NONE
3 1425	N5332V	050174	INDEPENDENCE,OREG	HILLER ACFT	UH-12E	NONE
3 1427	N1325X	040874	NFORKS,WASH	BELL	47G3B1	MINOR
3 1430	N7887B	050474	EPHRATA,WASH	BELL	47G-2	MINOR
3 1436	N8859F	062274	NDOUGLAS,WYO	HUGHES	269A	MINOR
3 1474	N9499F	061874	SLAYTON,TEX	HUGHES	269B	SERIOUS
3 1486	N9631F	051374	LAS VEGAS,NEV	HUGHES	269C	MINOR
3 1506	N73264	041874	SAN SABASTIAN,PR	BELL	47G2A1	SERIOUS
3 1523	N5SG	060274	MONTGOMERY,NY	BELL	206B	NONE
3 1537	N22JC	071174	ALLENTOWN,PA	BELL	206B	NONE
3 1564	N8885F	060474	WALLS,MISS	HUGHES	269A	NONE
3 1613	N13012	070674	ALMYRA,ARK	BELL	47D-1	NONE
3 1658	N6965	070774	NCORONA,CALIF	BENSEN	B-8	MINOR
3 1663	N17245	050574	INYOKERN,CALIF	BALLARD	B-8M	NONE
3 1704	N5918F	061974	REIDSVILLE,NC	HUGHES	269B	FATAL
3 1725	N9591	062274	TETERBORO,NJ	ENSTROM	F-28A	NONE
3 1726	N7924J	070774	DEAD HORSE BAY,NY	BELL	47G-4A	NONE
3 1727	N6173	061174	GARDEN CITY,NY	BELL	47G-2	NONE
3 1737	N1321X	022574	NSUPAI,ARIZ	BELL	47G3B1	NONE
3 1740	NONE	070274	MESA,ARIZ	BENSEN	B8M	SERIOUS

LISTING OF ACCIDENTS
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ROTORCRAFT
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(IN FILE ORDER SEQUENCE)

FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
-----	-----	----	-----	----	-----	-----
3 1746	N6701D	070674	LINDEN,CALIF	BELL	47G-2	NONE
3 1780	N9727C	070474	DELORES,COLO	HILLER ACFT	UH12L4	MINOR
3 1787	N6891A	051274	TEMPLE,TEX	BENSEN	8M-KCA	NONE
3 1826	N9621F	052374	KEY WEST,FLA	HUGHES	269C	FATAL
3 1844	N8934F	070774	SHELBY,NC	HUGHES	269A	MINOR
3 1860	N21MP	070474	WASHINGTON,DC	BELL	47G4A	MINOR
3 1865	N62903	071974	GADSDEN,ARIZ	HILLER ACFT	UH-12E	SERIOUS
3 1869	N1329X	052374	NCAYUCAS,CALIF	BELL	47G-5	FATAL
3 1880	N7928S	061674	NLIMA,MONT	BELL	47G3B1	NONE
3 1885	N1373X	041474	LEBANON,OREG	BELL	47G3B1	NONE
3 1901	N1135W	060474	STRATFORD,WASH	BELL	47G3B1	NONE
3 1902	N2899B	062474	NEPHRATA,WASH	BELL	47G-2	NONE
3 1905	N62518	063074	FAIRHOPE,ALA	BENSEN	B8M	MINOR
3 1913	N7636B	050174	SPRINGFIELD,ILL	HILLER ACFT	UH-12A	NONE
3 1922	N9467F	070774	DREYFUS,KY	HUGHES	269B	NONE
3 1927	N8525F	071874	DETROIT,MICH	BELL	47J-2A	MINOR
3 1928	N59399	062774	DETROIT,MICH	BELL	47G-5A	FATAL
3 1961	N6121S	072474	BOISE CITY,OKLA	AIR & SPACE	18A	NONE
3 1967	N2252W	071774	NOCEANSIDE,CALIF	BELL	47G-5	NONE
3 1986	N2173U	062574	WHEELING,ILL	BRANTLY	B2B	NONE
3 2020	N7089J	071274	CHARLOTTE,NC	BELL	47G-5	NONE
3 2045	N2889B	072474	NGONZALES,CALIF	BELL	47G-2A	SERIOUS
3 2087	N927B	061174	ELMA,WASH	BELL	47G	NONE
3 2089	N7068	061974	NMULBERRY,FLA	BELL	47G	NONE
3 2090	N936	042474	PLEASANT GROV,FLA	HILLER ACFT	UH-12D	NONE
3 2109	N210B	060874	PALERMO,NY	BELL	47D1	NONE

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3 2129	N8751F	073174	W.MEMPHIS,ARK	HUGHES	269A	NONE
3 2132	N5226	072874	SEAL BEACH,CALIF	BELL	47D-1	NONE
3 2140	N7985A	081374	SACRAMENTO,CALIF	BELL	47G	NONE
3 2155	N206DB	070574	NRENO,NEV	BELL	206B	FATAL
3 2163	N73940	052474	NNORTH POWDER,OREG	BELL	47G-3B	MINOR
3 2180	N8169J	062374	CLARKSTON,WASH	BELL	47G3B2	MINOR
3 2195	N2156U	080974	GRIFFITH,IND	BRANTLEY	B-2A	SERIOUS
3 2199	N3017	060274	SHERIDAN,IND	PHILLIPS	PA1067	FATAL
3 2212	N4823	071174	RALEIGH,MISS	BELL	47G-2	MINOR
3 2213	N55CG	071074	EDWARDS,MISS	BELL	47J-2	SERIOUS
3 2223	N7886S	061874	IMLAYSTOWN,NJ	BELL	47G	NONE
3 2224	N8219	071674	TRENTON,NJ	HELICORP	D	NONE
3 2237	N1773	070574	MYRTLE BEACH,SC	BELL	47G	SERIOUS
3 2250	N6744C	060274	CUSTAR,OHIO	HILLER ACFT	UH-12B	FATAL
3 2269	N8966F	060474	CROCKETT,CALIF	HUGHES	269C	FATAL
3 2277	N9134F	061474	LUNA,N MEX	HUGHES	369HS	MINOR
3 2288	N2867B	071074	HOLLYWOOD,FLA	BELL	47G	NONE
3 2300	N9356F	081274	FORT MOTTE,SC	HUGHES	269B	NONE
3 2328	N9229	072674	WALKER,MICH	ENSTROM	F-28A	NONE
3 2350	N3655F	080674	CENTERVILLE,WIS	BELL	47D1	NONE
3 2355	N157B	052174	CIRCLEVILLE,OHIO	BELL	47D1	NONE
3 2358	N7854S	073074	NUMIAT,ALAS	BELL	206A	FATAL
3 2360	N47246	080474	NUMIAT,ALAS	SIKORSKI	S58ST	SERIOUS
3 2361	N6227N	081074	NUMIAT,ALAS	BELL	206B	NONE
3 2385	N4715R	052874	NPAYSON,ARIZ	BELL	206B	NONE
3 2414	N58083	080574	WILBUR SPRG,CALIF	BELL	206B	MINOR

LISTING OF ACCIDENTS
 INVOLVING
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 (IN FILE ORDER SEQUENCE)

FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
-----	-----	----	-----	----	-----	-----
3 2422	N3067G	072474	GRAND VALLEY, COLO	BELL	47G3B1	NONE
3 2423	N32TA	080874	BERTHOUD FLS, COLO	BELL	206B	FATAL
3 2429	N4111G	080974	GRAND ISLE, LA	BELL	206B	NONE
3 2456	N9790	062174	SEATTLE, WASH	BELL	OH-13G	FATAL
3 2462	N17H	071674	LOXAHATCHEE, FLA	BELL	47	MINOR
3 2486	N2192U	062274	VINCENTOWN, NJ	BRANTLY	B-2B	NONE
3 2505	N938B	082174	NORANGEVILLE, PA	BELL	47G	NONE
3 2561	N8550F	090674	NSOMIS, CALIF	BELL	47J-2A	SERIOUS
3 2582	N8673	082874	PINEDALE, WYO	HILLER ACFT	FH1100	MINOR
3 2584	N211CB	082074	HINSDALE, ILL	BELL	47G5A	MINOR
3 2586	N5912X	052974	ATTERBURY, ILL	BRANTLY	B-2	MINOR
3 2593	N73872	052974	BELDING, MICH	EL TOMCAT	I	NONE
3 2608	N1709	071674	HARRISBURG, PA	BENSEN	B-8-VW	MINOR
3 2621	N7829S	081574	NSODA SPRNGS, CALIF	BELL	47G3B1	NONE
3 2640	N4730R	072974	MESQUITE, N MEX	BELL	47G3B2	NONE
3 2648	N4034G	090674	CANTON, MASS	BELL	47G4A	NONE
3 2652	N59563	091074	MOONACHIE, NJ	BELL	206B	NONE
3 2657	N8496E	062374	NLA CRESCNTA, CALIF	BELL	47G-3B	FATAL
3 2700	N500WL	092474	COLONIA, NJ	BELL	206B	NONE
3 2756	N29HW	083174	S CASCO, ME	ENSTROM	F-28A	FATAL
3 2784	N9390F	062474	BERLIN, PA	HUGHES	269B	NONE
3 2804	N8732F	042474	KEKAHA, HAWAII	HUGHES	269A	FATAL
3 2808	N4227A	061974	ZAFRA, OKLA	EL TOMCAT	47	NONE
3 2809	N6676D	071174	ESTACADA, OREG	VERTOL	107	SERIOUS
3 2810	N104HA	071674	DAYTON, OREG	HILLER ACFT	UH-12E	NONE
3 2829	N9440F	090874	NFT. COLLINS, COLO	HUGHES	269B	NONE

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FILE NUMBER -----	AIRCRAFT REGIST. -----	DATE -----	LOCATION -----	AIRCRAFT MAKE -----	MODEL -----	INJURY INDEX -----
3 2841	N534S	073174	NBLISS, ID	HILLER ACFT	UH-12E	NONE
3 2857	N3306	081774	EUGENE, OREG	BENSEN	B-8M	NONE
3 2866	N4894	091474	DALLAS, TEX	ENSTROM	F-28A	NONE
3 2880	N6717D	081474	NROYAL CITY, WASH	BELL	47G-2	NONE
3 2881	N3794G	091174	RUFF, WASH	BELL	47G-2	NONE
3 2893	N9008T	071074	GRACEVILLE, FLA	EL TOMCAT	MK-5A	SERIOUS
3 2905	N9493F	062874	JACKSONVILLE, FLA	HUGHES	269B	SERIOUS
3 2922	N9582	073174	ATLANTA, GA	ENSTROM	F-28A	MINOR
3 2962	N9259	080574	GARDEN CITY, NY	ENSTROM	F-28A	NONE
3 3003	N8282E	071974	NCLINTON, KY	BELL	47D1	MINOR
3 3023	N37739	082274	NPOINT JUDITH, RI	BELL	47J-2A	FATAL
3 3039	N8679	063074	NUMIAT, ALAS	HILLER ACFT	FH1100	FATAL
3 3046	N73212	050974	NLONE PINE, CALIF	BELL	47G3B1	FATAL
3 3054	N6327D	092774	LANCASTER, CALIF	BELL	47G	NONE
3 3058	N4760R	093074	HONOKAA, HAWAII	BELL	206	FATAL
3 3074	N7893B	092174	PAW PAW, MICH	BELL	47G-2	MINOR
3 3106	N372FH	102974	BRIDGEPORT, NJ	HILLER ACFT	FH1100	NONE
3 3147	N8733F	091274	GROVELAND, NY	HUGHES	269A	SERIOUS
3 3151	N6277N	080174	SLIGO, PA	BELL	47G-5	NONE
3 3176	N7986J	101874	NBIG CREEK, CALIF	BELL	47G3B2	MINOR
3 3185	N50HB	081274	HNTNGTN BCH, CALIF	HUGHES	269B	FATAL
3 3201	N8183	090774	NRENO, NEV	BENSEN	B-8M	FATAL
3 3205	N73876	101774	ARLINGTON, TEX	HILLER ACFT	UH-12C	NONE
3 3215	N1170W	102674	NVERNAL, UT	BELL	47G3B1	MINOR
3 3235	N9188	100374	ROANOKE, IND	BENSEN	B-8M	FATAL
3 3280	N8124J	101774	NWAYNE, W VA	BELL	47G4A	MINOR

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3 3292	N1215W	081074	LAYLAND, W VA	BELL	47G2A1	SERIOUS
3 3301	N8567F	110274	FT. SMITH, ARK	BELL	47J-2A	NONE
3 3319	N1135W	090674	NGRAND VALLEY, COLO	BELL	47G3B1	NONE
3 3329	N83033	082074	NRED HILL, N MEX	BELL	212	NONE
3 3343	N9099F	040274	NPETERSBURG, ALAS	HUGHES	369HS	NONE
3 3348	N112EC	090174	NKETCHIKAN, ALAS	HILLER ACFT	UH-12E	MINOR
3 3352	N4352G	101274	BRINKLEY, ARK	MCCULLOUGH	J-2	SERIOUS
3 3368	N3084G	112174	NJOSHUA TREE, CALIF	BELL	47G3B1	NONE
3 3389	N9487F	103074	WATERLOO, IOWA	HUGHES	269B	NONE
3 3393	N1380X	061074	DODGE CITY, KANS	BELL	47G-3B	NONE
3 3400	N2870B	080574	MERIDAN, MINN	BELL	47G-2	NONE
3 3413	N68880	110274	CROSS ANCHOR, SC	HELIO ACFT	H-295	NONE
3 3417	N74098	091374	HORNTOWN, VA	BELL	47G-2A	NONE
3 3420	N2970W	100974	MISSING AIRCRAFT	BELL	205A	FATAL
3 3428	NONE	090174	DEPAUW, IND	HILLER ACFT	OH-23B	NONE
3 3488	N7848S	113074	VENICE, LA	BELL	47G-4A	MINOR
3 3507	N8678F	100874	ILIAMNA, ALAS	HILLER ACFT	FH1100	NONE
3 3513	N5905X	110274	NMESA, ARIZ	BRANTLY	B-2	NONE
3 3521	N62886	111874	NBEAR VALLEY, CALIF	ALOQUETTE	SA315B	NONE
3 3566	N2214W	092474	PLANT CITY, FLA	BELL	47G-5	NONE
3 3571	N9301F	083074	ALMA, GA	HUGHES	269B	MINOR
3 3584	N4879	100374	MARSHFIELD, MASS	ENSTROM	F-28A	NONE
3 3596	N19BW	063074	MONROE, NY	ENSTROM	F-28A	MINOR
3 3623	N54059	112274	VALPARAISO, IND	SIKORSKY	S-52-3	NONE
3 3668	N4730R	121774	ALBUQUERQUE, N MEX	BELL	47G3B2	SERIOUS
3 3686	N73972	090574	NOGDEN, UT	BELL	47G3B1	FATAL

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FILE NUMBER -----	AIRCRAFT REGIST. -----	DATE -----	LOCATION -----	AIRCRAFT MAKE -----	MODEL -----	INJURY INDEX -----
3 3691	N750A	120274	GULF OF MEXICO	SIKORSKY	S-55	NONE
3 3747	N9171F	061374	NWRANGELL,ALAS	HUGHES	369C	NONE
3 3754	N7081J	110474	RIVERSIDE,CALIF	BELL	47G-5	NONE
3 3767	N37748	061174	NANCHORAGE,ALAS	SUD AVN	SA341G	NONE
3 3768	N5352V	070274	NKETCHIKAN,ALAS	HILLER ACFT	UH-12E	MINOR
3 3790	N3112G	081274	ROBERTS,ID	HILLER ACFT	UH-12	NONE
3 3802	N711KH	071574	GLACIER PARK,MONT	HILLER ACFT	FH1100	NONE
3 3804	N9542F	052774	LAS VEGAS,NEV	HUGHES	269B	NONE
3 3813	N3306	102674	EUGENE,OREG	BENSEN	B8ME	FATAL
3 3816	N957B	070774	MIDLAND,OREG	BELL	47G	NONE
3 3821	N8505F	120574	NFREER,TEX	BELL	47GB31	SERIOUS
3 3836	N5160B	110474	KINGSTON,WASH	BELL	47G-2	FATAL
3 3854	N9742	111074	ST AUGUSTINE,FLA	BENSEN	B8M	NONE
3 3858	N59441	112974	HOMERVILLE,GA	BELL	205A1	MINOR
3 3876	N8968F	112074	GREENWICH,KANS	HUGHES	269C	MINOR
3 3886	N4384	122574	OTISVILLE,MICH	MCCULLOCH	J2	NONE
3 3929	N48801	092974	AMBLER,PA	ENSTROM	F-28A	NONE
3 3934	N2280U	102674	SHARON,PA	BRANTLY	B-2B	MINOR
3 3958	N83069	102274	LAT 02S, LONG 04E	BELL	47G-5A	SERIOUS
3 3965	N1161W	102674	NWAVERLY,FLA	BELL	47G21A	NONE
3 3967	N8490E	121874	NDAYTONA BEACH,FLA	BELL	47J-2	FATAL
3 3989	N104RJ	112374	GROSSE ILE,MICH	BENSEN	B-8M	NONE
3 4003	N4041G	070874	NWAUSEON,OHIO	BELL	47G-5	MINOR
3 4005	N9278	122474	WILLOW IS,W VA	ENSTROM	F-28A	NONE
3 4040	N90474	120374	NKAPAAU,HAWAII	HILLER ACFT	UH-12E	NONE
3 4068	N73218	121674	NKAMAS,UT	BELL	47G-3B	NONE

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3 4069	N88AR	081174	MERCER ISL, WASH	BELL	47G-2A	SERIOUS
3 4074	N6717D	082774	QUINCY, WASH	BELL	47G-2	SERIOUS
3 4135	N4785C	123174	NKETTLMN CTY, CALIF	HILLER ACFT	UH-12C	NONE
3 4155	N7881S	062574	BLAIRSVILLE, GA	BELL	206A	NONE
3 4159	N8823F	123074	BETTENDORF, IOWA	HUGHES	269A	NONE
3 4204	N18842	122874	COLDFOOT, ALAS	SUD AVIATN	SA341G	NONE
3 4207	N3072G	090974	RIPON, CALIF	BELL	47J-2A	FATAL
3 4221	N409RG	122174	NAUBURN, CALIF	BELL	47G3B1	FATAL
3 4225	N13583	110774	NSPRINGERVL, ARIZ	SUD AVN	SA315B	FATAL
3 4227	N4079G	101874	CAMARILLO, CALIF	BELL	47G3B2	SERIOUS
3 4232	N4763R	081474	COOK, WASH	BELL	205A-1	SERIOUS
3 4239	N15182	120574	OKAHUMPKA, FLA	SIKORSKY	H-19C	MINOR
3 4264	N4890	073174	MEDIA, PA	ENSTROM	F-28A	NONE
3 4266	N58087	072174	NUMIAT, ALAS	BELL	205A-1	SERIOUS
3 4267	N9204F	100774	BOSWORTH, OHIO	HUGHES	369HS	MINOR
3 4269	N9366	081874	COLORADO STA, ALAS	AEROSPATLE	SE3160	SERIOUS
3 4289	N6960R	101974	NKERNVILLE, CALIF	SIKORSKY	S-64E	FATAL
3 4291	N9191F	101374	PINOLE, CALIF	HUGHES	369	NONE
3 4314	N7891B	071874	NWAPATO, WASH	BELL	47G-2	MINOR
3 4319	N7889B	082474	DAYTONA BCH SH, FL	BELL	47G2A	FATAL
3 4322	N9648F	110174	TOPEKA, KANS	HUGHES	269C	FATAL
3 4331	N1430	101574	GARDEN CITY, NY	BELL	206	NONE
3 4332	N601PD	112474	FREEPORT, NY	HILLER	FH1100	FATAL
3 4344	N4064G	101574	MOORHEAD, MINN	BELL	47G-5	FATAL
3 4345	N59436	110474	NMARBLEMOUNT, WASH	BELL	205-A1	FATAL

NATIONAL TRANSPORTATION SAFETY BOARD

WASHINGTON, D. C. 20594

BRIEFS OF ACCIDENTS

INVOLVING

ROTORCRAFT

U.S. GENERAL AVIATION

1974

(IN STATE AND DATE ORDER)

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1407	6/14/74 TIME - 0645	GAYLESVILLE, ALA	BELL 47G-4 N1160W DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 32, 713 TOTAL HOURS, 144 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT GAYLESVILLE, ALA	INTENDED DESTINATION LOCAL	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING POWER-ON 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. TERRAIN - ROUGH/UNEVEN PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 125 KIND OF CROP - FOREST-TREES 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 - 1000 PROCEDURE TURNAROUND - THIRD 1/3 OF TURN						
				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 - WIND CALM		
REMARKS- RPM DETERIORATED TO 2800. LNDG ON SLOPE MAIN ROTOR BLADE FLEXED CUT TAIL ROTOR DRIVE SHAFT.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1905	6/30/74 TIME - 1700	FAIRHOPE,ALA	BENSEN B8M N62518 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 72, 109 TOTAL HOURS, 78 IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIRPORT - KLUMP AIRSTRIIP					
	DEPARTURE POINT	INTENDED DESTINATION				
	FAIRHOPE,ALA	LOCAL				
	TYPE OF ACCIDENT			PHASE OF OPERATION		
	GROUND-WATER LOOP-SWERVE			TAKEOFF RUN		
	GEAR COLLAPSED			TAKEOFF RUN		
	PROBABLE CAUSE(S)					
	PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL					
	PILOT IN COMMAND - FAILED TO ABORT TAKEOFF					
	FACTOR(S)					
	AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS OTHER					
	MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE					
	REMARKS- HIT RUF PLACE IN SOD RWAY.PLT TRIED TO PULL ACFT INTO AIR.ACFT DID NOT RESPOND DUE LOSS OF L WHEEL.					
3-0397	1/21/74 TIME - 1445	DEADHORSE,ALAS	BELL 206B N2954W DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 22, 2319 TOTAL HOURS, 479 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT	INTENDED DESTINATION				
	FIN CREEK,ALAS	DEADHORSE,ALAS				
	TYPE OF ACCIDENT			PHASE OF OPERATION		
	COLLIDED WITH WIRES/POLES			LANDING FINAL APPROACH		
	PROBABLE CAUSE(S)					
	PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN					
	FACTOR(S)					
	TERRAIN - HIGH OBSTRUCTIONS					
	PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING					
	REMARKS- NIGHT VFR APCH TO CONST CAMP.HIT UNMARKED ANTENNA.					
3-3343	4/2/74 TIME - 1245	NR.PETERSBURG,ALAS	HUGHES 369HS N9099F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 33, 2486 TOTAL HOURS, 394 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT	INTENDED DESTINATION				
	PETERSBURG,ALAS	PETERSBURG,ALAS				
	TYPE OF ACCIDENT			PHASE OF OPERATION		
	ENGINE FAILURE OR MALFUNCTION			LANDING POWER-ON LANDING		
	HARD LANDING			LANDING POWER-OFF AUTOROTATIVE LANDING		
	PROBABLE CAUSE(S)					
	POWERPLANT - TURBINE ASSEMBLY WHEEL TURBINE					
	MISCELLANEOUS ACTS,CONDITIONS - OVERHEATED					
	MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE					
	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- THERMAL FATIGUE,1ST STAGE.					

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0809	4/23/74 TIME - 1325	SEWARD, ALAS	BELL 47G-2 N2822B DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	ATR, FLIGHT INSTR., AGE 33, 3915 TOTAL HOURS, 200 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT LATOUCHE IS, ALAS	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	UNCONTROLLED	PHASE OF OPERATION LANDING GO-AROUND		
PROBABLE CAUSE(S) PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.						
FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - WINDSHIELD, DIRTY, FOGGY, ETC.-RESTRICTED VISION MISCELLANEOUS ACTS, CONDITIONS - WHITEOUT TERRAIN - SNOW-COVERED TERRAIN - OTHER						
REMARKS- UPSLOPE, TOO STEEP FOR LNDG. W/S FOGGED.						
3-1045	6/5/74 TIME - 1710	NR. TALKEETNA, ALAS	HILLER ACFT UH-12E N100EH DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 26, 2110 TOTAL HOURS, 550 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT RAINBOW LAKE, ALAS	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) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS, CONDITIONS - MISCALCULATED FUEL CONSUMPTION MISCELLANEOUS ACTS, CONDITIONS - FUEL EXHAUSTION TERRAIN - WET, SOFT GROUND TERRAIN - OTHER						
FACTOR(S) POWERPLANT - POWERPLANT-INSTRUMENTS FUEL QUANTITY GAUGE MISCELLANEOUS ACTS, CONDITIONS - ERRATIC 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- FUEL GAUGE READ 12LBS WHEN TANK EMPTY. LNDG IN RIVER, SKIDS DUG IN SOFT SANDY RIVER BOTTOM.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3767	6/11/74 TIME - 0945	NR. ANCHORAGE, ALAS	SUD AVN SA341G N37748 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL. INSTR., AGE 27, 2000 TOTAL HOURS, 36 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - CAMPBELL DEPARTURE POINT ANCHORAGE, ALAS INTENDED DESTINATION LOCAL TYPE OF ACCIDENT HARD LANDING PHASE OF OPERATION GEAR COLLAPSED LANDING POWER-OFF AUTOROTATIVE LANDING LANDING POWER-OFF AUTOROTATIVE LANDING PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE REMARKS- IP DEMONSTRATED ZERO A/S APCH.						
3-3747	6/13/74 TIME - 2045	NR. WRANGELL, ALAS	HUGHES 369C N9171F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 23, 1286 TOTAL HOURS, 79 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT WRANGELL, ALAS INTENDED DESTINATION LOCAL TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE TAIL ROTOR PHASE OF OPERATION ROLL OVER TAKEOFF VERTICAL LANDING LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM TAIL ROTOR DRIVE SHAFT ASSEMBLY MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE TERRAIN - ROUGH/UNEVEN EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- T/R DRIVE SHAFT FAILED FOR UNDET REASON. HAD TO LND ON 30 DEG SLOPE.						
3-3039	6/30/74 TIME - 1300	NR. UMIAT, ALAS	HILLER ACFT FH1100 N8679 DAMAGE-DESTROYED	CR- 1 0 0 PX- 4 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 37, 5254 TOTAL HOURS, 230 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT UMIAT, ALAS INTENDED DESTINATION LOCAL TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION PHASE OF OPERATION COLLISION WITH GROUND/WATER UNCONTROLLED IN FLIGHT OTHER IN FLIGHT UNCONTROLLED DESCENT PROBABLE CAUSE(S) POWERPLANT - COMPRESSOR ASSEMBLY SHAFT, ROTOR MISCELLANEOUS ACTS, CONDITIONS - FATIGUE FRACTURE MISCELLANEOUS ACTS, CONDITIONS - VIBRATION, EXCESSIVE COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE MISSING AIRCRAFT - LATER RECOVERED REMARKS- GEAR SHAFT FAILED. RCVRD 2300ADT.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3768	7/2/74	NR.KETCHIKAN,ALAS	HILLER ACFT UH-12E N5352V DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 24, 2965 TOTAL HOURS, 300 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT KETCHIKAN,ALAS	INTENDED DESTINATION LOCAL	PHASE OF OPERATION TAKEOFF INITIAL CLIMB		
		TYPE OF ACCIDENT COLLIDED WITH TREES				
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING						
FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS						
REMARKS- BEGAN TO SETTLE ABT 50FT ABOVE TREES.ATMTD TO BACK INTO LOG AREA.M/R CONTACTED A TREE.LOST CTL.						
3-4266	7/21/74	NR.UMIAT,ALAS	BELL 205A-1 N58087 DAMAGE-DESTROYED	CR- 0 1 3 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 31, 11595 TOTAL HOURS, 1374 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT UMIAT,ALAS	INTENDED DESTINATION 68-47N,154-23W	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE		
		TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE TAIL ROTOR				
PROBABLE CAUSE(S) ROTORCRAFT - FLIGHT CONTROL SYSTEMS TAIL ROTOR PITCH CONTROL SYSTEM MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
REMARKS- T/R SILENT CHAIN FAILED.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2358	7/30/74 TIME - 1325	NR.UMIAT,ALAS	BELL 206A N7854S DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 1	COMMERCIAL OTHER	ATR,FLIGHT INSTR., AGE 53, 5100 TOTAL HOURS, 1100 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT LK UDRIVIK,ALAS	INTENDED DESTINATION LOCAL	PHASE OF OPERATION LANDING POWER-ON LANDING		
		TYPE OF ACCIDENT ROLL OVER				
PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS						
FACTOR(S) PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT PERSONNEL - MISCELLANEOUS-PERSONNEL PASSENGER WEATHER - UNFAVORABLE WIND CONDITIONS TERRAIN - ROUGH/UNEVEN WEATHER BRIEFING - UNKNOWN/NOT REPORTED WEATHER FORECAST - UNKNOWN/NOT REPORTED						
		SKY CONDITION UNKNOWN/NOT REPORTED	CEILING AT ACCIDENT SITE UNKNOWN/NOT REPORTED			
		VISIBILITY AT ACCIDENT SITE UNKNOWN/NOT REPORTED	PRECIPITATION AT ACCIDENT SITE UNKNOWN/NOT REPORTED			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE UNKNOWN/NOT REPORTED	WIND DIRECTION-DEGREES 360			
		WIND VELOCITY-KNOTS 15	TYPE OF WEATHER CONDITIONS VFR			
		TYPE OF FLIGHT PLAN UNKNOWN/NOT REPORTED				
REMARKS- AFTER PSGR DEPLANED TO L,ACFT ROLLED R.M/R BLADE PASSED THRU COCKPIT AREA.SURVEYING FLT.						
3-2360	8/4/74 TIME - 1500	NR.UMIAT,ALAS	SIKORSKI S58ST N47246 DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	COMMERCIAL CTR CARGO-D	ATR,FLIGHT INSTR., AGE UNK/NR, 13500 TOTAL HOURS, 256 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT UMIAT,ALAS	INTENDED DESTINATION LOCAL	PHASE OF OPERATION TAKEOFF VERTICAL		
		TYPE OF ACCIDENT HARD LANDING				
PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS						
FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - LOAD NOT JETTISONED						
REMARKS- RAPID APPLICATION OF COLLECTIVE,EXPERIENCED COLLECTIVE BOUNCE.INSUFFICIENT COLLECTIVE FRICTION.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2361	8/10/74 TIME - 1030	NR.UMIAT,ALAS	BELL 206B N6227N DAMAGE-DESTROYED INTENDED DESTINATION LOCAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE UNK/NR, 3040 TOTAL HOURS, 315 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT UMIAT,ALAS TYPE OF ACCIDENT ROLL OVER PHASE OF OPERATION STATIC IDLING ROTORS PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC. PILOT IN COMMAND - LEFT AIRCRAFT UNATTENDED, ENGINE RUNNING FACTOR(S) TERRAIN - ROUGH/UNEVEN FIRE AFTER IMPACT REMARKS- LNDD ON TUNDRA.PLT LEFT CTLS TO ASSIST PSGR.						
3-4269	8/18/74 TIME - 2000	COLORADO STA,ALAS	AEROSPATLE SE3160 N9366 DAMAGE-SUBSTANTIAL INTENDED DESTINATION COLORADO STA,ALAS	CR- 0 0 1 PX- 0 1 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 25, 2200 TOTAL HOURS, 60 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT GOLDEN ZONE,ALAS TYPE OF ACCIDENT AIRFRAME FAILURE IN FLIGHT COLLISION WITH GROUND/WATER UNCONTROLLED PHASE OF OPERATION IN FLIGHT DESCENDING LANDING LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM TAIL ROTOR DRIVE SHAFT ASSEMBLY MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY INSTALLED PERSONNEL - MAINTENANCE,SERVICING,INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL) FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- FLANGE ATTACH SCREWS IMPROPLY INSTALLED.BEARING ASSMBLY COUPLING RIPPED FREE.LND IN MARSH.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3348	9/1/74 TIME - 1200	NR, KETCHIKAN, ALAS	HILLER ACFT UH-12E N112EC DAMAGE-DESTROYED INTENDED DESTINATION LOCAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 31, 2226 TOTAL HOURS, 10 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT KETCHIKAN, ALAS		PHASE OF OPERATION LANDING FINAL APPROACH LANDING LEVEL OFF/TOUCHDOWN		
		TYPE OF ACCIDENT UNDERSHOOT NOSE OVER/DOWN				
PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE, SPEED, AND ALTITUDE						
FACTOR(S) PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT WEATHER - UNFAVORABLE WIND CONDITIONS WEATHER BRIEFING - UNKNOWN/NOT REPORTED WEATHER FORECAST - UNKNOWN/NOT REPORTED						
		SKY CONDITION CLEAR		CEILING AT ACCIDENT SITE UNLIMITED		
		VISIBILITY AT ACCIDENT SITE 5 OR OVER		PRECIPITATION AT ACCIDENT SITE NONE		
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE		TYPE OF WEATHER CONDITIONS VFR		
		TYPE OF FLIGHT PLAN NONE				
REMARKS- R FLOAT HIT LIP OF MTN RIDGE. WIND VBL 10K.						
3-3507	10/8/74 TIME - 1000	ILIAMNA, ALAS	HILLER ACFT FH1100 N8678F DAMAGE-SUBSTANTIAL INTENDED DESTINATION PILE BAY, ALAS	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL BUSINESS	COMMERCIAL, AGE 27, 4606 TOTAL HOURS, 52 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT ILIAMNA, ALAS		PHASE OF OPERATION TAKEOFF INITIAL CLIMB LANDING POWER-OFF AUTOROTATIVE LANDING		
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLISION WITH GROUND/WATER CONTROLLED				
PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING MISCELLANEOUS ACTS, CONDITIONS - WATER IN FUEL COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- TOO LOW FOR SAFE AUTOROTATION.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4204	12/28/74 TIME - 1045	COLDFOOT, ALAS	SUD AVIATN SA341G N18842 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE UNK/NR, 3300 TOTAL HOURS, 400 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - COLDFOOT DEPARTURE POINT COLDFOOT, ALAS TYPE OF ACCIDENT COLLIDED WITH SNOWBANK INTENDED DESTINATION LOCAL PHASE OF OPERATION TAKEOFF ABORTED PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION OTHER PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING ROTORCRAFT - FLIGHT CONTROL SYSTEMS OTHER MISCELLANEOUS ACTS, CONDITIONS - FROZEN, MOISTURE FACTOR(S) TERRAIN - ROUGH/UNEVEN REMARKS- FLT CTLS FROZE DUE TOO LT OIL FOR SEVERE COLD TEMP.						
3-1737	2/25/74 TIME - 1245	NR.SUPAI, ARIZ	BELL 47G3B1 N1321X DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL CONSTRUCTION	COMMERCIAL, AGE 22, 1560 TOTAL HOURS, 85 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT HUALAPAI, ARIZ TYPE OF ACCIDENT COLLIDED WITH OBJECT INTENDED DESTINATION SUPAI, ARIZ PHASE OF OPERATION LANDING OTHER PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED CLEARANCE PILOT IN COMMAND - SPONTANEOUS-IMPROPER ACTION MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - JETTISONED LOAD TERRAIN - HIGH OBSTRUCTIONS EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT LATERAL CONTROL PROBLEM PITCH CONTROL PROBLEM REMARKS- COLLIDED WITH BUSHES WHILE AVOIDING WIRES. LND WHEN SLING LOAD BEGAN SWINGING.						
3-0715	3/18/74 TIME - 1445	GRND.CANYON, ARIZ	BELL 206B N4052G DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL OTHER	COMMERCIAL, AGE 39, 6960 TOTAL HOURS, 800 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT GRND.CANYON, ARIZ TYPE OF ACCIDENT ROLL OVER INTENDED DESTINATION LOCAL PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN FACTOR(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING TERRAIN - SNOW-COVERED REMARKS- SNOW CRUST COLLAPSED UNDER RIGHT SKID. SNOW SURVEY FLT.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0416	4/6/74 TIME - 0450	YUMA, ARIZ	BELL 47G-5 N2294W DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 33, 5120 TOTAL HOURS, 1500 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT YUMA, ARIZ	INTENDED DESTINATION LOCAL		PHASE OF OPERATION	
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING			TAKEOFF INITIAL CLIMB 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 PILOT IN COMMAND - IMPROPER LEVEL OFF						
FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - INATTENTIVE TO FUEL SUPPLY COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- EMERG LDG DURING BRIGHT NIGHT. REPOSITIONING FLT, NO LOAD ABD.						
3-2385	5/28/74 TIME - 1030	NR. PAYSON, ARIZ	BELL 206B N4715R DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	COMMERCIAL ASSOC FIRE CTL ACTIVITY	COMMERCIAL, FL. INSTR., AGE 35, 2772 TOTAL HOURS, 1103 IN TYPE, NOT INSTRU- MENT RATED.
		DEPARTURE POINT PAYSON, ARIZ	INTENDED DESTINATION LOCAL		PHASE OF OPERATION	
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING			IN FLIGHT NORMAL CRUISE LANDING POWER-OFF AUTOROTATIVE LANDING	
PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS PILOT IN COMMAND - IMPROPER LEVEL OFF						
FACTOR(S) TERRAIN - ROUGH/UNEVEN COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- FORESTRY SERVICE ORIENTATION FLT. SKIDS COLLAPSED						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1740	7/2/74 TIME - 1410	MESA, ARIZ	BENSEN B8M NONE DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	CERTIFICATE UNKNOWN, AGE 25, 1986 TOTAL HOURS, 3 IN TYPE, UNK/NR INSTRUMENT RATED.
NAME OF AIRPORT - FALCON DEPARTURE POINT MESA, ARIZ INTENDED DESTINATION LOCAL TYPE OF ACCIDENT COLLISION WITH GROUND/WATER CONTROLLED PHASE OF OPERATION TAKEOFF INITIAL CLIMB PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS FACTOR(S) PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT WEATHER - UNFAVORABLE WIND CONDITIONS MISCELLANEOUS ACTS, CONDITIONS - PILOT FATIGUE WEATHER BRIEFING - NO BRIEFING RECEIVED WEATHER FORECAST - UNKNOWN/NOT REPORTED SKY CONDITION CLEAR CEILING AT ACCIDENT SITE UNLIMITED VISIBILITY AT ACCIDENT SITE 5 OR OVER PRECIPITATION AT ACCIDENT SITE NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE RELATIVE BEARING OF WIND LEFT QUARTERING HEAD WIND 293-337 DEGREES TEMPERATURE-F 115 WIND VELOCITY-KNOTS 10 TYPE OF WEATHER CONDITIONS VFR TYPE OF FLIGHT PLAN NONE REMARKS- ACFT SWERVED TO R TAIL LOW & HIT RWY. PLT MILITARY HELI RATED. ACFT UNCERT, NOT REG.						
3-1865	7/19/74 TIME - 0730	GADSDEN, ARIZ	HILLER ACFT UH-12E N62903 DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 35, 4490 TOTAL HOURS, 900 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT GADSDEN, ARIZ INTENDED DESTINATION LOCAL TYPE OF ACCIDENT COLLIDED WITH CROP PHASE OF OPERATION IN FLIGHT SWATH RUN PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED CLEARANCE FACTOR(S) PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 4324 KIND OF OPERATION - SPRAYING CROPS KIND OF CROP - COTTON 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 - 200 SWATH RUN-HOW FLOWN - UPWIND REMARKS- PLT PREOCCUPIED WITH SPRAY PUMP OPN. FLEW INTO COTTON.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3513	11/2/74	NR.MESA,ARIZ	BRANTLY B-2 N5905X DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 30, 2755 TOTAL HOURS, 30 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT MESA,ARIZ	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT COLLIDED WITH OBJECT			PHASE OF OPERATION TAKEOFF VERTICAL	
PROBABLE CAUSE(S) DUAL STUDENT - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. DUAL STUDENT - IMPROPER OPERATION OF FLIGHT CONTROLS PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT						
FACTOR(S) TERRAIN - OTHER						
REMARKS- CONFINED AREA. T/R HIT CACTUS BUSH.						
3-4225	11/7/74	NR.SPRINGERVL,ARIZ	SUD AVN SA315B N13583 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	MISCELLANEOUS FERRY	COMMERCIAL, AGE 36, 4923 TOTAL HOURS, 335 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - SPRINGERVILLE				
		DEPARTURE POINT SPRINGERVL,ARIZ	INTENDED DESTINATION CASA GRANDE,ARIZ			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLISION WITH GROUND/WATER UNCONTROLLED			PHASE OF OPERATION IN FLIGHT NORMAL CRUISE IN FLIGHT UNCONTROLLED DESCENT	
PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE,SERVICING,INSPECTION IMPROPERLY SERVICED AIRCRAFT (GROUND CREW) MISCELLANEOUS ACTS,CONDITIONS - FUEL CONTAMINATION-EXCLUSIVE OF WATER IN FUEL MISCELLANEOUS ACTS,CONDITICNS - WATER IN FUEL PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.						
FACTOR(S) PERSONNEL - PRODUCTION-DESIGN-PERSONNEL POOR/INADEQUATE DESIGN COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT SUSPECTED OR KNOWN AIRCRAFT DAMAGE						
REMARKS- HIT GND WITH LOW ROTOR RPM.LOSS OF PWR IND TO ALERT PLT BELIEVED INADEQUATE.RUST IN FUEL.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1613	7/6/74 TIME - 0615	ALMYRA,ARK	BELL 47D-1 N13012 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 24, 2373 TOTAL HOURS, 60 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT ALMYRA,ARK	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING	PHASE OF OPERATION IN FLIGHT SURVEY FIELD/AREA LANDING LEVEL OFF/TOUCHDOWN			
PROBABLE CAUSE(S) INSTRUMENTS/EQUIPMENT AND ACCESSORIES - MISCELLANEOUS EQUIPMENT SPRAY,DUSTING EQUIPMENT MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS POWERPLANT - REDUCTION GEAR ASSEMBLY GEARS,ACCESSORY DRIVE MISCELLANEOUS ACTS,CONDITIONS - SHEARED PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 2000 KIND OF CROP - RICE GLOVES - NOT USED CRASH HELMET - AVAILABLE-USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - LEVEL,FLAT REMARKS- SPRAY PMP INJESTD STONE WHCH CAUSD ENG ACCSSRY DRV GR. TO SHEAR KIND OF OPERATION - SPRAYING CROPS PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED GOGGLES - USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - SIDES ELEVATION-AREA BEING TREATED-FEET - 200						
3-2129	7/31/74 TIME - 1545	W.MEMPHIS,ARK	HUGHES 269A N8751F DAMAGE-DESTROYED	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 23, 648 TOTAL HOURS, 225 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - WEST MEMPHIS MUNI DEPARTURE POINT W.MEMPHIS,ARK	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT GEAR COLLAPSED ROLL OVER	PHASE OF OPERATION TAKEOFF VERTICAL TAKEOFF VERTICAL			
PROBABLE CAUSE(S) AIRFRAME - LANDING GEAR MAIN GEAR-SHOCK ABSORBING ASSY,STRUTS,ATTACHMENTS,ETC. MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE FACTOR(S) PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE INSPECTION OF AIRCRAFT (MAINTENANCE PERSONNEL) REMARKS- FAILD PRT HUGHES 269A0120-8,STRUT ASSY.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3352	10/12/74 TIME - 1845	BRINKLEY,ARK	MCCULLOUGH J-2 N4352G DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 1	NONCOMMERCIAL BUSINESS	COMMERCIAL, FL.INSTR., AGE 36, 4285 TOTAL HOURS, 35 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - FRANK FEDERER MEM DEPARTURE POINT INTENDED DESTINATION BRINKLEY,ARK HELENA,ARK TYPE OF ACCIDENT PHASE OF OPERATION PROPELLER/ROTOR FAILURE MAIN ROTOR STATIC ENGINE RUNUP ROLL OVER STATIC ENGINE RUNUP PROBABLE CAUSE(S) ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM MAIN ROTOR PULLEYS,BELTS MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL REMARKS- PIC NOT ROTORCRAFT RATED.PRE-ROTATOR BELT FAILED						
3-3301	11/2/74 TIME - 1345	FT.SMITH,ARK	BELL 47J-2A N8567F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	COMMERCIAL OTHER	COMMERCIAL, AGE 31, 3387 TOTAL HOURS, 1089 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION FT.SMITH,ARK LOCAL TYPE OF ACCIDENT PHASE OF OPERATION PROPELLER/ROTOR FAILURE TAIL ROTOR TAKEOFF INITIAL CLIMB HARD LANDING LANDING POWER-OFF AUTOROTATIVE LANDING PROBABLE CAUSE(S) ROTORCRAFT - FLIGHT CONTROL SYSTEMS TAIL ROTOR PITCH CONTROL SYSTEM MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- LNK FAILED DUE OUTER RACE ROD BRNG OF PTCH CHNG LNK ASMBLY,BELL 47-541-183-1,SLPPD FOR UNDET REASN						
3-0256	1/5/74 TIME - 1115	BURBANK,CALIF	HUGHES 269A N8927F DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0 OT- 0 0 1	INSTRUCTIONAL DUAL	ATR,FLIGHT INSTR., AGE 29, 4500 TOTAL HOURS, 100 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - HOLLYWOOD-BURBANK DEPARTURE POINT INTENDED DESTINATION BURBANK,CALIF LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH AIRCRAFT BOTH ON GROUND STATIC STARTING ENGINE(S) PROBABLE CAUSE(S) PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - CONGESTED RAMP/TAXIWAY						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0401	1/28/74 TIME - 1039	WESTMINSTER,CALIF	BELL 47D1 N74084 DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PRACTICE	COMMERCIAL, AGE 35, 36104 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION SANTA ANA,CALIF LOCAL TYPE OF ACCIDENT PHASE OF OPERATION AIRFRAME FAILURE IN FLIGHT IN FLIGHT NORMAL CRUISE PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. FACTOR(S) ROTORCRAFT - MISCELLANEOUS UNITS AND ASSEMBLIES TAIL BOOMS/PYLONS/CONES MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT FIRE AFTER IMPACT REMARKS- LOW ROTOR RPM,BLADE FLAPPING.M/R HIT TAIL BOOM INFLT.TAIL BOOM SEPARATED.PLT TIME FM OPERATOR EST.						
3-0262	2/10/74 TIME - 1610	CORONA,CALIF	BENSEN B8M N4341 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 - CORONA DEPARTURE POINT INTENDED DESTINATION CORONA,CALIF LOCAL TYPE OF ACCIDENT PHASE OF OPERATION PROPELLER/ROTOR FAILURE MAIN ROTOR TAKEOFF INITIAL CLIMB COLLISION WITH GROUND/WATER UNCONTROLLED IN FLIGHT UNCONTROLLED DESCENT PROBABLE CAUSE(S) ROTORCRAFT - ROTOR ASSEMBLIES MAIN ROTOR HEAD ASSEMBLIES MISCELLANEOUS ACTS,CONDITIONS - IMPROPER CLEARANCE-TOLERANCE PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY INSTALLED REMARKS- IMPROP MODIFIED ROTOR HEAD CAUSED SEIZURE.						
3-0257	2/23/74 TIME - 0110	BURBANK,CALIF	HUGHES 369HS N9103F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL BUSINESS	AIRLINE TRANSPORT, AGE 39, 7450 TOTAL HOURS, 687 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - HOLLYWOOD-BURBANK DEPARTURE POINT INTENDED DESTINATION BURBANK,CALIF LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH OBJECT TAKEOFF VERTICAL PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED CLEARANCE REMARKS- MOTION PICTURE STUNT FLYING. HIT BAGGAGE CART.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0411	3/11/74 TIME - 1115	LONG BEACH,CALIF	HUGHES 269A N9333F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL TRAINING	STUDENT, AGE 23, 52 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - LONG BEACH				
		DEPARTURE POINT	INTENDED DESTINATION			
		LONG BEACH,CALIF	LOCAL			
		TYPE OF ACCIDENT			PHASE OF OPERATION	
		ROLL OVER			IN FLIGHT HOVERING	
PROBABLE CAUSE(S)						
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS						
REMARKS- PILOT ALLOWED AIRCRAFT TO ROLLOVER.						
3-0490	3/24/74 TIME - 0730	NR.STOCKTON,CALIF	BELL 47G-5 N7923J DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 34, 2927 TOTAL HOURS, 163 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT	INTENDED DESTINATION			
		STOCKTON,CALIF	LOCAL			
		TYPE OF ACCIDENT			PHASE OF OPERATION	
		ENGINE FAILURE OR MALFUNCTION			IN FLIGHT SWATH RUN	
		HARD LANDING			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						
PILOT IN COMMAND - IMPROPER LEVEL OFF						
FACTOR(S)						
PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL DEFICIENCY,COMPANY MAINTAINED EQPMT,SERVICES,REGULATION						
MISCELLANEOUS ACTS,CONDITIONS - UNAPPROVED MODIFICATION						
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE						
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
SPECIAL DATA						
		TOTAL HOURS IN CROP CONTROL - 2927			KIND OF OPERATION - SPRAYING CROPS	
		KIND OF CROP - OTHER			TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC	
		PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED			GLOVES - 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 - 100			SWATH RUN-HOW FLOWN - CROSSWIND	
REMARKS- OP CHNGD TANK INSTALL ON R SIDE.DIDNT CHNG FUEL GAGE.INDICATED TOO HI READING.PLT FLEW 6 MIN ONLY.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0486	3/30/74 TIME - 1000	TURLOCK,CALIF	ALOUETTE IIIB N7326 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL CONSTRUCTION	COMMERCIAL, FL.INSTR., AGE 30, 4112 TOTAL HOURS, 66 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - TURLOCK DEPARTURE POINT INTENDED DESTINATION TURLOCK,CALIF LOCAL TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT HOVERING HARD LANDING LANDING POWER-OFF AUTOROTATIVE LANDING PROBABLE CAUSE(S) POWERPLANT - LUBRICATING SYSTEM COOLER,OIL MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE MISCELLANEOUS ACTS,CONDITIONS - OIL EXHAUSTION-ENGINE LUBRICATION SYSTEM MISCELLANEOUS ACTS,CONDITIONS - RPM-UNCONTROLLABLE-OVERSPEED PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- DURING HOVER FOR SLING LOAD ATTACH RPM SURGED DUE LOSS OF OIL TO GOV WHEN OIL COOLER RUPTURED.						
3-1083	3/30/74 TIME - 1000	NR.SEBASTOPOL,CALIF	BELL 47D1 N68367 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL AERIAL SURVEY	NO CERTIFICATE, AGE 26, 2095 TOTAL HOURS, 139 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION TWIN HILL RANCH LOCAL TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT NORMAL CRUISE COLLIDED WITH TREES LANDING POWER-OFF AUTOROTATIVE LANDING PROBABLE CAUSE(S) POWERPLANT - 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						
3-0609	4/7/74 TIME - 1300	NR.ROHNERVILLE,CALIF	SCORPION II N977 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PRACTICE	STUDENT, AGE 26, 42 TOTAL HOURS, 29 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - ROHNERVILLE DEPARTURE POINT INTENDED DESTINATION ROHNERVILLE,CALIF LOCAL TYPE OF ACCIDENT PHASE OF OPERATION HARD LANDING LANDING POWER-ON LANDING ROLL OVER LANDING POWER-ON LANDING PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER LEVEL OFF PERSONNEL - PRODUCTION-DESIGN-PERSONNEL POOR/INADEQUATE DESIGN AIRFRAME - LANDING GEAR SKID ASSEMBLY MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY SECURED MISCELLANEOUS ACTS,CONDITIONS - LATERAL IMBALANCE REMARKS- INADEQUATELY SECURED 47LB BALANCE WT CAME LOOSE FROM R SKID DRG LDG.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1082	4/9/74 TIME - 0955	DAVIS,CALIF	BENSEN B8M N73691 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 22, 0 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - YOLO COUNTY DEPARTURE POINT INTENDED DESTINATION DAVIS,CALIF LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER UNCONTROLLED TAKEOFF INITIAL CLIMB PROBABLE CAUSE(S) PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. REMARKS- VW-1600 AUTO ENGINE.PILOT HAD 14 HOURS TOW TIME ONLY.						
3-1663	5/5/74 TIME - 1515	INYOKERN,CALIF	BALLARD B-8M N17245 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 38, 199 TOTAL HOURS, 5 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - INYOKERN DEPARTURE POINT INTENDED DESTINATION INYOKERN,CALIF LOCAL TYPE OF ACCIDENT PHASE OF OPERATION GROUND-WATER LOOP-SWERVE LANDING ROLL-ON/RUN-ON NOSE OVER/DOWN LANDING ROLL-ON/RUN-ON PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED SPEED PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL REMARKS- PLT STATED HE LANDED TOO FAST.						
3-0819	5/6/74 TIME - 1616	REDWOOD CTY,CALIF	HUGHES 269B N9562F DAMAGE-DESTROYED	CR- 1 0 1 PX- 0 0 0	INSTRUCTIONAL DUAL	ATR,FLIGHT INSTR., AGE 29, 5178 TOTAL HOURS, 300 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION SAN CARLOS,CALIF LOCAL TYPE OF ACCIDENT PHASE OF OPERATION NOSE OVER/DOWN TAKEOFF RUN PROBABLE CAUSE(S) PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN FACTOR(S) TERRAIN - SANDY TERRAIN - WET,SOFT GROUND INSTRUMENTS/EQUIPMENT AND ACCESSORIES - MISCELLANEOUS EQUIPMENT OTHER PERSONNEL - PRODUCTION-DESIGN-PERSONNEL POOR/INADEQUATE DESIGN REMARKS- SAND BAR.R SKID BROKE THRU SURFACE AND DUG IN.SEATBELT BUCKLE OPENED ON IMPACT.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3046	5/9/74 TIME - 1411	NR.LONE PINE,CALIF	BELL 47G3B1 N73212 DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0 OT- 1 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 41, 5473 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT BISHOP,CALIF	INTENDED DESTINATION UNKNOWN/NOT REPORTED	LAST ENROUTE STOP LONE PINE,CALIF		
		TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE ROLL OVER	TAIL ROTOR	PHASE OF OPERATION STATIC OTHER STATIC OTHER		
PROBABLE CAUSE(S) ROTORCRAFT - ROTOR ASSEMBLIES OTHER MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE FIRE AFTER IMPACT REMARKS- PARKED ON MT RIDGE-ENGINE RUNNING.TAIL ROTOR DRIVE ASSY YOKE BROKE.P/N47-640-006-5.REASON UNDET.						
3-1869	5/23/74 TIME - 0540	NR.CAYUCAS,CALIF	BELL 47G-5 N1329X DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 45, 9100 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT CAYUCAS,CALIF	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	CONTROLLED	PHASE OF OPERATION IN FLIGHT SWATH RUN		
PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED						
SPECIAL DATA TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED KIND OF CROP - PASTURE PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - SIDES ELEVATION-AREA BEING TREATED-FEET - 400 FIRE AFTER IMPACT REMARKS- CARBON MONOXIDE CONTENT 24 PCT FROM UNDETERMINED SOURCE.						
KIND OF OPERATION - SPRAYING FORESTS TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC GLOVES - NOT USED CRASH HELMET - AVAILABLE-NOT USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - HILLY						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2269	6/4/74 TIME - 1146	CROCKETT,CALIF	HUGHES 269C N8966F DAMAGE-DESTROYED	CR- 2 0 0 PX- 0 0 0	MISCELLANEOUS POLICE PATROL	COMMERCIAL, FL.INSTR., AGE 34, 3347 TOTAL HOURS, 3205 IN TYPE, NOT INSTRU- MENT RATED.
		DEPARTURE POINT CONCORD,CALIF	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES			PHASE OF OPERATION IN FLIGHT OTHER	
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS						
FACTOR(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING						
TERRAIN - HIGH OBSTRUCTIONS						
MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER						
REMARKS- POLICE PATROL OF PARKS.HIT PWR LINES ACROSS CARQUINEZ STRAITS AT ABOUT 350FT AGL.						
3-2657	6/23/74 TIME - 1016	NR.LA CRESCNTA,CALIF	BELL 47G-3B N8496E DAMAGE-DESTROYED	CR- 2 0 0 PX- 0 0 0	NONCOMMERCIAL PRACTICE	COMMERCIAL, FL.INSTR., AGE 39, 3298 TOTAL HOURS, 1500 IN TYPE, NOT INSTRU- MENT RATED.
		DEPARTURE POINT VAN NUYS,CALIF	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES			PHASE OF OPERATION IN FLIGHT OTHER	
PROBABLE CAUSE(S) PILOT IN COMMAND. - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS						
FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS						
FIRE AFTER IMPACT						
REMARKS- TELEPHONE LINES & PWR LINES SPANNED CANYON.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1746	7/6/74 TIME - 0740	LINDEN,CALIF	BELL 47G-2 N6701D DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 49, 15440 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT LINDEN,CALIF	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE	TAIL ROTOR	PHASE OF OPERATION IN FLIGHT SWATH RUN		
PROBABLE CAUSE(S) ROTORCRAFT - ROTOR ASSEMBLIES TAIL ROTOR BLADES MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE						
FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
SPECIAL DATA						
		TOTAL HOURS IN CROP CONTROL - 8000	KIND OF OPERATION - SPRAYING CROPS			
		KIND OF CROP - FRUIT ORCHARDS	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 - 80	SWATH RUN-HOW FLOWN - CROSSWIND			
3-1658	7/7/74 TIME - 1115	NR.CORONA,CALIF	BENSEN B-8 N6965 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PRACTICE	NO CERTIFICATE, AGE 24, 20 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT CORONA,CALIF	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION NOSE OVER/DOWN		PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING ROLL		
PROBABLE CAUSE(S) PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- GYROCOPTER TURNED OVER IN SOFT SAND DURING EMRG LDG IN RIVER BED.NO DUAL.						

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BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2132	7/28/74 TIME - 0900	SEAL BEACH,CALIF	BELL 47D-1 N5226 DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL SOLO	COMMERCIAL, AGE 42, 3265 TOTAL HOURS, 15 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT SANTA ANA,CALIF						
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 OPERATION OF FLIGHT CONTROLS REMARKS- M/R BLADES FLEXED INTO TAIL BOOM.						
3-2414	8/5/74 TIME - 1140	WILBUR SPRG,CALIF	BELL 206B N58083 DAMAGE-DESTROYED INTENDED DESTINATION WILBUR SPRG,CALIF	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC FIRE CTL ACTIVITY	COMMERCIAL, AGE 27, 2891 TOTAL HOURS, 470 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT LEESVILLE,CALIF						
TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES			PHASE OF OPERATION LANDING POWER-ON LANDING			
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS REMARKS- BOTTOM OF CANYON,HIGH RIDGES COVERED WITH TREES. HIT WIRES.						
3-3185	8/12/74 TIME - 1905	HNTNGTN BCH,CALIF	HUGHES 269B N50HB DAMAGE-DESTROYED INTENDED DESTINATION LOCAL	CR- 0 1 0 PX- 1 0 0	MISCELLANEOUS OTHER PUBLIC	COMMERCIAL, AGE 32, 375 TOTAL HOURS, 197 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - POLICE HELI-PAD						
DEPARTURE POINT HNTNGTN BCH,CALIF						
TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES			PHASE OF OPERATION LANDING POWER-OFF AUTOROTATIVE LANDING			
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - SIMULATED CONDITIONS FIRE AFTER IMPACT REMARKS- LOST CTL DRG PRACTICE AUTOROTATION.HIT WIRES.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2140	8/13/74 TIME - 1930	SACRAMENTO,CALIF	BELL 47G N7985A DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PRACTICE	COMMERCIAL, FL.INSTR., AGE 28, 4298 TOTAL HOURS, 31 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT FAIR OAKS,CALIF	INTENDED DESTINATION LOCAL			
		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) TERRAIN - HIGH OBSTRUCTIONS						
MISCELLANEOUS ACTS,CONDITIONS - UNWARRANTED LOW FLYING						
REMARKS- HIT WIRES,LND OK.						
3-2621	8/15/74 TIME - 1100	NR.SODA SPRNGS,CALIF	BELL 47G3B1 N7829S DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	COMMERCIAL MAPPING/PHOTO	COMMERCIAL, FL.INSTR., AGE 38, 8500 TOTAL HOURS, 2500 IN TYPE, NOT INSTRU- MENT RATED.
		DEPARTURE POINT DONNER LAKE,CALIF	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT COLLIDED WITH TREES	PHASE OF OPERATION IN FLIGHT OTHER			
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						
PERSONNEL - MISCELLANEOUS-PERSONNEL DRIVER OF VEHICLE						
TERRAIN - HIGH OBSTRUCTIONS						
REMARKS- FILMING TV COML,HELI CHASING CAR ON CURVING RD.CAR DRIFTED TOO FAR R & HELI M/R HIT TREE.LND OK.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2561	9/6/74	NR.SOMIS,CALIF	BELL 47J-2A	CR- 0 0 1	COMMERCIAL	COMMERCIAL, AGE 29, 5043
	TIME - 1340		N8550F	PX- 0 1 0	MAPPING/PHOTO	TOTAL HOURS, 3800 IN
			DAMAGE-DESTROYED			TYPE, INSTRUMENT RATED.
	DEPARTURE POINT	INTENDED DESTINATION				
	SOMIS,CALIF	LOCAL				
	TYPE OF ACCIDENT			PHASE OF OPERATION		
	COLLISION WITH GROUND/WATER	UNCONTROLLED		TAKEOFF OTHER		
	PROBABLE CAUSE(S)					
	PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING					
	PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS					
	FACTOR(S)					
	WEATHER - UNFAVORABLE WIND CONDITIONS					
	WEATHER BRIEFING - NO BRIEFING RECEIVED					
	WEATHER FORECAST - UNKNOWN/NOT REPORTED					
	SKY CONDITION			CEILING AT ACCIDENT SITE		
	CLEAR			UNLIMITED		
	VISIBILITY AT ACCIDENT SITE			PRECIPITATION AT ACCIDENT SITE		
	5 OR OVER			NONE		
	OBSTRUCTIONS TO VISION AT ACCIDENT SITE			TEMPERATURE-F		
	NONE			85		
	WIND DIRECTION-DEGREES			WIND VELOCITY-KNOTS		
	292			12		
	TYPE OF WEATHER CONDITIONS			TYPE OF FLIGHT PLAN		
	VFR			NONE		
	FIRE AFTER IMPACT					
	REMARKS- HOVERING 150AGL.TKOFF,TRNED DWNWND.GUSTS TO 18K.SETTLED WITH PWR.					
3-4207	9/9/74	RIPON,CALIF	BELL 47J-2A	CR- 0 1 0	COMMERCIAL	COMMERCIAL, FL.INSTR.,
	TIME - 1012		N3072G	PX- 2 0 0	MAPPING/PHOTO	AGE 32, 4700 TOTAL HOURS,
			DAMAGE-DESTROYED			124 IN TYPE, NOT INSTRU-
	DEPARTURE POINT	INTENDED DESTINATION				MENT RATED.
	STOCKTON,CALIF	NEW MELONE DAM,CALIF				
	TYPE OF ACCIDENT			PHASE OF OPERATION		
	PROPELLER/ROTOR FAILURE	TAIL ROTOR		IN FLIGHT NORMAL CRUISE		
	COLLISION WITH GROUND/WATER	UNCONTROLLED		LANDING POWER-ON LANDING		
	PROBABLE CAUSE(S)					
	ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM	TAIL ROTOR DRIVE SHAFT ASSEMBLY				
	MISCELLANEOUS ACTS,CONDITIONS - LACK OF LUBRICATION-SPECIFIC PART,NOT SYSTEM					
	PERSONNEL - MAINTENANCE,SERVICING,INSPECTION	INADEQUATE MAINTENANCE AND INSPECTION				
	FACTOR(S)					
	PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING					
	FIRE AFTER IMPACT					
	REMARKS- TAIL ROTOR DRIVE SPLINED COUPLING FAILED.ACFT SPUN TO R AT LOW ALT.					

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3054	9/27/74 TIME - 1555	LANCASTER,CALIF	BELL 47G N6327D DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL BUSINESS	COMMERCIAL, FL.INSTR., AGE 58, 6500 TOTAL HOURS, 10 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - HAWKINS DEPARTURE POINT LANCASTER,CALIF TYPE OF ACCIDENT ROLL OVER PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS WEATHER - UNFAVORABLE WIND CONDITIONS WEATHER BRIEFING - UNKNOWN/NOT REPORTED WEATHER FORECAST - UNKNOWN/NOT REPORTED SKY CONDITION CLEAR VISIBILITY AT ACCIDENT SITE 5 OR OVER OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE TEMPERATURE-F 90 WIND VELOCITY-KNOTS 23 TYPE OF FLIGHT PLAN NONE REMARKS- CROSSWIND VERT LIFT TO HOVER,LOST CTL.GUSTS TO 27K.						
INTENDED DESTINATION LOCAL PHASE OF OPERATION TAKEOFF VERTICAL CEILING AT ACCIDENT SITE UNLIMITED PRECIPITATION AT ACCIDENT SITE NONE RELATIVE BEARING OF WIND LEFT CROSS WIND 248-292 DEGREES WIND DIRECTION-DEGREES 180 TYPE OF WEATHER CONDITIONS VFR						
3-4291	10/13/74 TIME - 1330	PINOLE,CALIF	HUGHES 369 N9191F DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	MISCELLANEOUS POLICE PATROL	COMMERCIAL, AGE 32, 502 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT OAKLAND,CALIF TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - SIMULATED CONDITIONS PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- ENG FAILED TO RESPOND TO THROT						
INTENDED DESTINATION LOCAL PHASE OF OPERATION LANDING OTHER LANDING POWER-OFF AUTOROTATIVE LANDING COVERY FRM SIMULATED ENG-OUT LGD.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4227	10/18/74	CAMARILLO,CALIF	BELL 47G3B2	CR- 0 1 0	COMMERCIAL	COMMERCIAL, AGE 35, 5676
	TIME - 0924		N4079G	PX- 0 0 0	AERIAL APPLICATION	TOTAL HOURS, 21 IN TYPE,
			DAMAGE-DESTROYED			NOT INSTRUMENT RATED.
	DEPARTURE POINT	INTENDED DESTINATION				
	VENTURA,CALIF	LOCAL				
	TYPE OF ACCIDENT			PHASE OF OPERATION		
	ENGINE FAILURE OR MALFUNCTION			IN FLIGHT PROCEDURE TURNAROUND		
	COLLISION WITH GROUND/WATER	CONTROLLED		IN FLIGHT PROCEDURE TURNAROUND		
	PROBABLE CAUSE(S)					
	POWERPLANT - EXHAUST SYSTEM	EXTERNAL SUPERCHARGER				
	MISCELLANEOUS ACTS,CONDITIONS - BINDING					
	PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE					
	SPECIAL DATA					
	TOTAL HOURS IN CROP CONTROL - 3500			KIND OF OPERATION - SPRAYING CROPS		
	KIND OF CROP - OTHER			TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC		
	PILOT'S SEAT BELT - FASTENED-PROPERLY			GLOVES - NOT USED		
	GOGGLES - 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 - 45			SWATH RUN-HOW FLOWN - DOWNWIND		
	PROCEDURE TURNAROUND - THIRD 1/3 OF TURN					
	REMARKS- WASTEGATE PISTON FRETTED.SPRAYING BROCCOLI.					
3-3176	10/18/74	NR.BIG CREEK,CALIF	BELL 47G3B2	CR- 0 0 1	COMMERCIAL	COMMERCIAL, AGE 26, 2297
	TIME - 1130		N7986J	PX- 0 0 2	NS CTR PASSG	TOTAL HOURS, 300 IN TYPE,
			DAMAGE-DESTROYED			INSTRUMENT RATED.
	DEPARTURE POINT	INTENDED DESTINATION				
	CHINA PEAK,CALIF	NUTMEG,CALIF				
	TYPE OF ACCIDENT			PHASE OF OPERATION		
	COLLIDED WITH TREES			TAKEOFF INITIAL CLIMB		
	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)					
	TERRAIN - HIGH OBSTRUCTIONS					
	REMARKS- PILOT MISCONSTRUED THE THROTTLE DETENT AHEAD OF THE FULL THROTTLE RANGE AS BINDING.					

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4289	10/19/74	NR.KERNVILLE,CALIF	SIKORSKY S-64E N6960R DAMAGE-DESTROYED	CR- 1 1 0 PX- 0 0 0	COMMERCIAL OTHER	COMMERCIAL, AGE 29, 2227 TOTAL HOURS, 510 IN TYPE, NOT INSTRUMENT RATED.
	TIME - 0900		INTENDED DESTINATION LOCAL			
	DEPARTURE POINT KERNVILLE,CALIF				PHASE OF OPERATION TAKEOFF OTHER	
	TYPE OF ACCIDENT COLLIDED WITH TREES					
	PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED CLEARANCE MISCELLANEOUS ACTS,CONDITIONS - LOAD NOT JETTISONED					
	FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS FIRE AFTER IMPACT					
	REMARKS- 12100LB LOAD OF LOGS SNAGGED ON DEAD TREE.LOST CTL.EXTERNAL LOAD OPERATION.					
3-3754	11/4/74	RIVERSIDE,CALIF	BELL 47G-5 N7081J DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0 DT- 0 0 2	MISCELLANEOUS POLICE PATROL	COMMERCIAL, FL.INSTR., AGE 52, 11438 TOTAL HOURS, 5039 IN TYPE, NOT INSTRUMENT RATED.
	TIME - 1207					
	NAME OF AIRPORT - RIVERSIDE		INTENDED DESTINATION LOCAL			
	DEPARTURE POINT RIVERSIDE,CALIF				PHASE OF OPERATION IN FLIGHT OTHER	
	TYPE OF ACCIDENT COLLISION WITH AIRCRAFT BOTH IN FLIGHT					
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT					
	FACTOR(S) PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT					
	SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV. CONTROLLING AGENCY - NO CONTROL TRAFFIC ADVISORY ISSUED - NONE CONTROL ZONE/AREA - YES ANTI-COLLISION LIGHTS - INSTALLED,OPERATION UNKNOWN				RADAR CTL/SURVEILLANCE - RADAR SERVICE NOT AVIALABLE CONTROLLED/UNCONTROLLED AIRPORT - CONTROLLED AIRPORT EVASIVE ACTION TAKEN - NO	
	REMARKS- CESSNA ON CABLE PATROL.HELICIRCLING AT LOW ALT WORKING WITH POLICE GRND UNITS.BOTH ACFT LND OK.					

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3521	11/18/74	NR.BEAR VALLEY,CALIF	ALOUETTE SA315B N62886 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL POWER/PIPELINE	COMMERCIAL, AGE 35, 6843 TOTAL HOURS, 985 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT UNKNOWN/NOT REPORTED	INTENDED DESTINATION UNKNOWN/NOT REPORTED			
		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 - TURBINE ASSEMBLY BEARING, SHAFT MISCELLANEOUS ACTS, CONDITIONS - LACK OF LUBRICATION-SPECIFIC PART, NOT SYSTEM PILOT IN COMMAND - IMPROPER LEVEL OFF COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND FIRE AFTER IMPACT REMARKS- REASON FOR OIL STARVATION TO ENGINE NOT FOUND.						
3-3368	11/21/74	NR.JOSHUA TREE,CALIF	BELL 47G3B1 N3084G DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	ATR, FLIGHT INSTR., AGE 48, 10185 TOTAL HOURS, 9964 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT 29 PALMS,CALIF	INTENDED DESTINATION JOSHUA TREE,CALIF			
		TYPE OF ACCIDENT HARD LANDING	PHASE OF OPERATION LANDING POWER-ON LANDING			
PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER LEVEL OFF 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 CLEAR	CEILING AT ACCIDENT SITE UNLIMITED			
		VISIBILITY AT ACCIDENT SITE 5 OR OVER	PRECIPITATION AT ACCIDENT SITE NONE			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE	TEMPERATURE-F 55			
		TYPE OF WEATHER CONDITIONS VFR	TYPE OF FLIGHT PLAN NONE			
REMARKS- LNDG AT 6500 FT, LOST LIFT, HARD LNDG. WIND & DIRECTION VARIABLE						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4221	12/21/74	NR.AUBURN,CALIF	BELL 47G3B1	CR- 1 0 0	NONCOMMERCIAL	PRIVATE, AGE 84, 1215
	TIME - 1640		N409RG	PX- 0 0 0	PLEASURE/PERSONAL TRANSP	TOTAL HOURS, 756 IN TYPE,
			DAMAGE-DESTROYED			NOT INSTRUMENT RATED.
		NAME OF AIRPORT - AUBURN				
		DEPARTURE POINT	INTENDED DESTINATION			
		ELK GROVE,CALIF	AUBURN,CALIF			
		TYPE OF ACCIDENT			PHASE OF OPERATION	
		COLLISION WITH GROUND/WATER	UNCONTROLLED		IN FLIGHT UNCONTROLLED DESCENT	
		PROBABLE CAUSE(S)				
		PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS				
		PILOT IN COMMAND - SPATIAL DISORIENTATION				
		FACTOR(S)				
		PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING				
		WEATHER - LOW CEILING				
		WEATHER - FOG				
		WEATHER BRIEFING - NO BRIEFING RECEIVED				
		WEATHER FORECAST - UNKNOWN/NOT REPORTED				
		SKY CONDITION			CEILING AT ACCIDENT SITE	
		OBSCURATION			100	
		VISIBILITY AT ACCIDENT SITE			PRECIPITATION AT ACCIDENT SITE	
		1/4 MILE OR LESS			NONE	
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE			TEMPERATURE-F	
		FOG			50	
		TYPE OF WEATHER CONDITIONS			TYPE OF FLIGHT PLAN	
		IFR			NONE	
		FIRE AFTER IMPACT				
		REMARKS- LOW LVL FLT IN FOG.ACFT NOT IFR EQUIPPED.				
3-4135	12/31/74	NR.KETTLMN CTY,CALIF	HILLER ACFT UH-12C	CR- 0 0 1	COMMERCIAL	COMMERCIAL, AGE 20, 540
	TIME - 1630		N4785C	PX- 0 0 0	AERIAL APPLICATION	TOTAL HOURS, 251 IN TYPE,
			DAMAGE-DESTROYED			NOT INSTRUMENT RATED.
		DEPARTURE POINT	INTENDED DESTINATION			
		KETTLMN CTY,CALIF	LOCAL			
		TYPE OF ACCIDENT			PHASE OF OPERATION	
		COLLISION WITH GROUND/WATER	CONTROLLED		IN FLIGHT PROCEDURE TURNAROUND	
		PROBABLE CAUSE(S)				
		PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.				
		SPECIAL DATA				
		TOTAL HOURS IN CROP CONTROL - 475			KIND OF OPERATION - SPRAYING CROPS	
		KIND OF CROP - OTHER			TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC	
		PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED			GLOVES - NOT USED	
		GOGGLES - USED			CRASH HELMET - AVAILABLE-USED	
		COCKPIT CRASHPAD - NOT INSTALLED			CRASH BAR - NOT INSTALLED	
		TANK/HOPPER-LOCATION - BELLY			TERRAIN-TYPE - LEVEL,FLAT	
		ELEVATION-AREA BEING TREATED-FEET - 245			SWATH RUN-HOW FLOWN - UPWIND	
		PROCEDURE TURNAROUND - THIRD 1/3 OF TURN				
		FIRE AFTER IMPACT				

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0060	1/12/74 TIME - 1015	NR.AURORA,COLO	BELL 47G-5 N2991W DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 26, 1648 TOTAL HOURS, 210 IN TYPE, NOT INSTRU- MENT RATED.
		DEPARTURE POINT AURORA,COLO	INTENDED DESTINATION AURORA,COLO			
		TYPE OF ACCIDENT HARD LANDING	PHASE OF OPERATION LANDING POWER-OFF AUTOROTATIVE LANDING			
PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS						
FACTOR(S) TERRAIN - SNOW-COVERED						
REMARKS- ACCIDENT SITE SNOW COVERED,HIT TAIL FIRST ON DEMO AUTOROTATION.						
3-0435	3/13/74 TIME - 1015	NR.ASPEN,COLO	HILLER ACFT FH1100 N748FH DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL AERIAL SURVEY	COMMERCIAL, FL.INSTR., AGE 27, 4800 TOTAL HOURS, 80 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT ASPEN,COLO	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT COLLIDED WITH TREES	PHASE OF OPERATION IN FLIGHT OTHER			
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.						
FACTOR(S) WEATHER - HIGH DENSITY ALTITUDE WEATHER BRIEFING - NO BRIEFING RECEIVED WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT						
		SKY CONDITION CLEAR	CEILING AT ACCIDENT SITE UNLIMITED			
		VISIBILITY AT ACCIDENT SITE 5 OR OVER	PRECIPITATION AT ACCIDENT SITE NONE			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE	TYPE OF WEATHER CONDITIONS VFR			
		TYPE OF FLIGHT PLAN NONE				
REMARKS- DENS ALT 13000FT.LOST TRANSLATIONAL LIFT WHILE SEARCHING FOR FUTURE LDG SITES.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1780	7/4/74 TIME - 0540	DELORES, COLO	HILLER ACFT UH12L4 N9727C DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC FIRE CTL ACTIVITY	COMMERCIAL, AGE 33, 1876 TOTAL HOURS, 300 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT CORTEZ, COLO	INTENDED DESTINATION DELORES, COLO			PHASE OF OPERATION LANDING FINAL APPROACH	
	TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES					
	PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING MISCELLANEOUS ACTS, CONDITIONS - POORLY PLANNED APPROACH MISCELLANEOUS ACTS, CONDITIONS - SUNGLARE					
	FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS					
	REMARKS- APCH MADE INTO RISING SUN. WIRES PARTIALLY HIDDEN. SURVEYING FIRE AREA.					
3-2422	7/24/74 TIME - 1700	GRAND VALLEY, COLO	BELL 47G3B1 N3067G DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL CONSTRUCTION	COMMERCIAL, AGE 43, 8801 TOTAL HOURS, 2200 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT GRAND VALLEY, COLO	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) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS, CONDITIONS - FUEL EXHAUSTION TERRAIN - ROUGH/UNEVEN					
	EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND					
	REMARKS- PLT FORCED TO SACRIFICE RPM TO REACH SUITABLE LDG AREA.					

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2423	8/8/74 TIME - 0530	BERTHOUD FLS, COLO	BELL 206B N32TA DAMAGE-DESTROYED	CR- 0 0 1 PX- 1 2 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 36, 1987 TOTAL HOURS, 284 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT BERTHOUD FLS, COLO	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	UNCONTROLLED	PHASE OF OPERATION LANDING POWER-ON LANDING		
PROBABLE CAUSE(S)						
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING						
MISCELLANEOUS ACTS, CONDITIONS - POORLY PLANNED APPROACH						
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS						
PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.						
FACTOR(S)						
WEATHER - HIGH DENSITY ALTITUDE						
TERRAIN - ROUGH/UNEVEN						
WEATHER BRIEFING - NO BRIEFING RECEIVED						
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT						
		SKY CONDITION CLEAR	CEILING AT ACCIDENT SITE UNLIMITED			
		VISIBILITY AT ACCIDENT SITE 5 OR OVER	PRECIPITATION AT ACCIDENT SITE NONE			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE	TEMPERATURE-F 33			
		TYPE OF WEATHER CONDITIONS VFR	TYPE OF FLIGHT PLAN NONE			
REMARKS- ACFT ROLLED 390 FT DOWNHILL AFTER IMPACT WITH MTN SLOPE. DENSITY ALT APT 14000FT.						
3-3319	9/6/74 TIME - 0730	NR. GRAND VALLEY, COLO	BELL 47G3B1 N1135W DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL. INSTR., AGE 52, 11500 TOTAL HOURS, 4700 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - PRIVATE HELI PAD				
		DEPARTURE POINT GRAND VALLEY, COLO	INTENDED DESTINATION MONTROSE, COLO			
		TYPE OF ACCIDENT MISCELLANEOUS	PHASE OF OPERATION TAKEOFF VERTICAL			
		COLLISION WITH GROUND/WATER	CONTROLLED	LANDING LEVEL OFF/TOUCHDOWN		
PROBABLE CAUSE(S)						
ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM CLUTCH ASSEMBLY						
MISCELLANEOUS ACTS, CONDITIONS - EXCESSIVE-WEAR/PLAY						
PERSONNEL - MAINTENANCE, SERVICING, INSPECTION INADEQUATE MAINTENANCE AND INSPECTION						
EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP.T.						
REMARKS- TOO LOW FOR AUTOROTATION. CLUTCH LINING EXCESSIVELY WORN. NO OIL IN TANK.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2829	9/8/74 TIME - 1015	NR.FT.COLLINS,COLO	HUGHES 269B N9440F DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 31, 2200 TOTAL HOURS, 920 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT FT.COLLINS,COLO	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 - IMPROPER OPERATION OF FLIGHT CONTROLS PILOT IN COMMAND - MISJUDGED ALTITUDE						
FACTOR(S) WEATHER - HIGH DENSITY ALTITUDE COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE WEATHER BRIEFING - NO BRIEFING RECEIVED WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
		SKY CONDITION CLEAR	CEILING AT ACCIDENT SITE UNLIMITED			
		VISIBILITY AT ACCIDENT SITE 5 OR OVER	PRECIPITATION AT ACCIDENT SITE NONE			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE	TEMPERATURE-F 80			
		TYPE OF WEATHER CONDITIONS VFR	TYPE OF FLIGHT PLAN NONE			
REMARKS- PLT STATED ENG FAILED.NO MALFUNCTION FND.DA 7400FT.						
3-0788	4/21/74 TIME - 0955	EAST PUTMAN,CONN	ENSTROM F-28A N4895 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS OTHER	ATR,FLIGHT INSTR., AGE 29, 4370 TOTAL HOURS, 251 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT EAST PUTMAN,CONN	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT FIRE OR EXPLOSION ON GROUND	PHASE OF OPERATION STATIC PARKED-ENGINES NOT OPERATING			
PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED						
FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - FIRE IN ENGINE POWERPLANT - EXHAUST SYSTEM STACKS						
REMARKS- ACFT BURST INTO FLAMES AFTER SHUTDOWN.EXHAUST STACK CRACKED.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0514	3/1/74 TIME - 1345	HOMESTEAD,FLA	BENSON B8M N1EW DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	ATR,FLIGHT INSTR., AGE 58, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, INSTRU- MENT RATED.
NAME OF AIRPORT - HOMESTEAD GENERAL DEPARTURE POINT INTENDED DESTINATION HOMESTEAD,FLA LOCAL TYPE OF ACCIDENT PHASE OF OPERATION PROPELLER/ROTOR FAILURE PROPELLER TAKEOFF INITIAL CLIMB PROBABLE CAUSE(S) POWERPLANT - PROPELLER AND ACCESSORIES BLADES MISCELLANEOUS ACTS,CONDITIONS - DISCONNECTED FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT REMARKS- WOOD PROP BLADE FAILED AND HIT TAIL.						
3-0926	3/9/74 TIME - 0900	ARCADIA,FLA	BELL 47G5 N8197J DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 25, 2455 TOTAL HOURS, 175 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION ARCADIA,FLA LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH AUTOMOBILE LANDING LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) PILOT IN COMMAND - EXERCISED POOR JUDGMENT PILOT IN COMMAND - MISJUDGED CLEARANCE SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 2200 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 - 50 REMARKS- PLT LNDD NR MIX TRUCK,DOOR OPENED RETREATING BLADE CTCTD DOOR.						
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 - CROSSWIND						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1293	3/14/74	NR.MIAMI,FLA	BELL 47G-2 N4775S DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 2 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 56, 15975 TOTAL HOURS, 12500 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT MIAMI,FLA	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING	PHASE OF OPERATION TAKEOFF INITIAL CLIMB LANDING LEVEL OFF/TOUCHDOWN			
PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.						
FACTOR(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G. MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION TERRAIN - HIGH VEGETATION TERRAIN - HIDDEN OBSTRUCTIONS PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND FIRE AFTER IMPACT REMARKS- 172LB OVR MAX GWT.SETTLING,ATMTD TO CLR LEEVE.						
3-1317	3/16/74	NR.OCHOPEE,FLA	BELL 47D1 N9660 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 29, 1500 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT OCHOPEE,FLA	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT ROLL OVER	PHASE OF OPERATION TAKEOFF VERTICAL			
PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS REMARKS- R SKID DUG INTO GND DRG L/O.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2090	4/24/74 TIME - 0945	PLEASANT GROV,FLA	HILLER ACFT UH-12D N936 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 52, 6941 TOTAL HOURS, 20 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT PLEASANT GROV,FLA	INTENDED DESTINATION LOCAL			PHASE OF OPERATION IN FLIGHT SWATH RUN	
	TYPE OF ACCIDENT COLLIDED WITH TREES					
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT					
	FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS					
	SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 19 KIND OF CROP - OTHER GLOVES - USED CRASH HELMET - AVAILABLE-USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - SWAMPY/WATER SWATH RUN-HOW FLOWN - UPWIND				KIND OF OPERATION - OTHER TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - SIDES ELEVATION-AREA BEING TREATED-FEET - 80	
	REMARKS- WATCHING SPRAY BOOM.KILLING WATER WEEDS.					

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1826	5/23/74 TIME - 1110	KEY WEST, FLA	HUGHES 269C N9621F DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 1 0	COMMERCIAL OTHER	COMMERCIAL, AGE 25, 1900 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - NAS KEY WEST DEPARTURE POINT INTENDED DESTINATION MARATHON, FLA LOCAL TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT NORMAL CRUISE HARD LANDING LANDING POWER-OFF AUTOROTATIVE LANDING PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION INADEQUATE MAINTENANCE AND INSPECTION POWERPLANT - IGNITION SYSTEM SPARK PLUG MISCELLANEOUS ACTS, CONDITIONS - EXCESSIVE-WEAR/PLAY PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE FACTOR(S) WEATHER - HIGH DENSITY ALTITUDE TERRAIN - HIGH OBSTRUCTIONS MISCELLANEOUS ACTS, CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G. PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE WEATHER BRIEFING - NO BRIEFING RECEIVED WEATHER FORECAST - UNKNOWN/NOT REPORTED EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND SKY CONDITION CEILING AT ACCIDENT SITE SCATTERED UNLIMITED VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 5 OR OVER NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE TEMPERATURE-F NONE 84 WIND DIRECTION-DEGREES WIND VELOCITY-KNOTS 170 9 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN VFR NONE FIRE AFTER IMPACT REMARKS- TAIL BOOM STRUCK GROUND AND SEPARATED. 7 SPARK PLUGS CKD, 2 UNSERVICEABLE, 3 BADLY WORN, 2 OK.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2089	6/19/74	NR.MULBERRY,FLA	BELL 47G N7068 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 26, 1388 TOTAL HOURS, 43 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT MULBERRY,FLA	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES	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						
SPECIAL DATA						
TOTAL HOURS IN CROP CONTROL - 1388			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 - SWAMPY/WATER			
ELEVATION-AREA BEING TREATED-FEET - 110			SWATH RUN-HOW FLOWN - DOWNWIND			
REMARKS- WATER HYCINTHA.						
3-2905	6/28/74	JACKSONVILLE,FLA	HUGHES 269B N9493F DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	MISCELLANEOUS OTHER PUBLIC	COMMERCIAL, AGE 34, 3955 TOTAL HOURS, 124 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - MOSQUITO CONTROL	INTENDED DESTINATION LOCAL			
		DEPARTURE POINT JACKSONVILLE,FLA	LOCAL			
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	CONTROLLED	PHASE OF OPERATION TAKEOFF INITIAL CLIMB		
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.						
PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS						
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS						
REMARKS- LOST DIRECTIONAL CONTROL DRG DOWNWIND TURN IMMEDIATELY AFTR TKOF.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2893	7/10/74 TIME - 1730	GRACEVILLE,FLA	EL TOMCAT MK-5A N9008T DAMAGE-DESTROYED INTENDED DESTINATION LOCAL	CR- 0 1 0 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 24, 2161 TOTAL HOURS, 756 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT GRACEVILLE,FLA						
TYPE OF ACCIDENT COLLIDED WITH CROP			PHASE OF OPERATION IN FLIGHT MANEUVER TO AVOID OBSTRUCTION			
PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION PILOT IN COMMAND - MISJUDGED CLEARANCE						
FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS						
SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 500 KIND OF CROP - OTHER PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - NOT USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - LEVEL,FLAT SWATH RUN-HOW FLOWN - DOWNWIND FIRE AFTER IMPACT REMARKS- AVOIDING WIRES.						
3-2288	7/10/74 TIME - 0825	HOLLYWOOD,FLA	BELL 47G N2867B DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL TRAINING	COMMERCIAL, AGE 37, 203 TOTAL HOURS, 26 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT HOLLYWOOD,FLA						
TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION ROLL OVER			PHASE OF OPERATION LANDING FINAL APPROACH LANDING LEVEL OFF/TOUCHDOWN			
PROBABLE CAUSE(S) PILOT IN COMMAND - SPONTANEOUS-IMPROPER ACTION MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION TERRAIN - WET,SOFT GROUND PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- PRACTICING APCHS.SAW LOW RPM,TURNED THROTTLE WRONG DIRECTION.PLT IS MOTORCYCLIST.SOFT MUCK.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2462	7/16/74 TIME - 0430	LOXAHATCHEE, FLA	BELL 47 N17H DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL. INSTR., AGE 40, 7277 TOTAL HOURS, 22 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT LOXAHATCHEE, FLA	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES	PHASE OF OPERATION IN FLIGHT PROCEDURE TURNAROUND			
PROBABLE CAUSE(S) PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS						
FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS WEATHER - OBSTRUCTIONS TO VISION WEATHER BRIEFING - NO BRIEFING RECEIVED WEATHER FORECAST - UNKNOWN/NOT REPORTED						
SKY CONDITION CLEAR			CEILING AT ACCIDENT SITE UNLIMITED			
VISIBILITY AT ACCIDENT SITE 5 OR OVER			PRECIPITATION AT ACCIDENT SITE NONE			
OBSTRUCTIONS TO VISION AT ACCIDENT SITE HAZE			TEMPERATURE-F 75			
WIND VELOCITY-KNOTS CALM			TYPE OF WEATHER CONDITIONS VFR			
TYPE OF FLIGHT PLAN NONE						
SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 7277 KIND OF CROP - ORCHARD PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED GOGGLES - NOT USED COCKPIT CRASHED - NOT CHARTERED TANK/HOPPER-LOADED - YES ELEVATION OF SPRING TWENTY-FOOT - 18 PROCEDURE TURNAROUND - ENTRY TO PROCEDURE TURN K-10000-01T REQUESTED FLIGHTS DUE TO HAZE			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 - LEVEL SWATH RUN-HOW SLOW - WIND GLE			

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4319	8/24/74 TIME - 1146	DAYTONA BCH SH,FL	BELL 47G2A N7889B DAMAGE-DESTROYED	CR- 1 0 0 PX- 2 0 0	COMMERCIAL OTHER	ATR, FLIGHT INSTR., AGE 27, 3535 TOTAL HOURS, 94 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT DAYTONA BCH SH,FL	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT AIRFRAME FAILURE IN FLIGHT COLLISION WITH GROUND/WATER UNCONTROLLED			PHASE OF OPERATION IN FLIGHT OTHER IN FLIGHT UNCONTROLLED DESCENT	
PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL) ROTORCRAFT - ROTOR ASSEMBLIES MAIN ROTOR BLADES MISCELLANEOUS ACTS, CONDITIONS - WRONG PART MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE MISCELLANEOUS ACTS, CONDITIONS - SEPARATION IN FLIGHT						
FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER						
REMARKS- WOODEN M/R BLADES NOT AUTH FOR BELL 47G2A. M/R HIT TAIL BOOM & SEPRTD IN TURN OVR OCEAN. SITE SEEING						
3-3566	9/24/74 TIME - 1045	PLANT CITY, FLA	BELL 47G-5 N2214W DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	ATR, FLIGHT INSTR., AGE 36, 10473 TOTAL HOURS, 1620 IN TYPE, NOT INSTRU- MENT RATED.
		DEPARTURE POINT PLANT CITY, FLA	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER UNCONTROLLED			PHASE OF OPERATION TAKEOFF VERTICAL	
PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING						
SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 1400 KIND OF CROP - PASTURE PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED CRASH HELMET - AVAILABLE-USED CRASH BAR - NOT INSTALLED						
				KIND OF OPERATION - SPRAYING CROPS TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTXIC GLOVES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - SIDES		
REMARKS- TKOF FRM TRAILER, SKID SHOE LODGED IN TRAILER TRACK.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3965	10/26/74	NR, WAVERLY, FLA	BELL 47G21A N1161W DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 50, 8254 TOTAL HOURS, 6084 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT WAVERLY, FLA	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING	PHASE OF OPERATION IN FLIGHT SWATH RUN 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 - 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 - 8254	KIND OF OPERATION - SPRAYING CROPS			
		KIND OF CROP - FRUIT ORCHARDS	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 - SIDES	TERRAIN-TYPE - LEVEL, FLAT			
		ELEVATION-AREA BEING TREATED- FEET - 140	SWATH RUN-HOW FLOWN - CROSSWIND			
REMARKS- LIMITED FUEL DUE SHORT DURATION OF FLT. DO NOT NMLY STICK FUEL TANKS, CK VISUALLY.						
3-3854	11/10/74	ST AUGUSTINE, FLA	BENSEN B8M N9742 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS DEMONSTRATION	COMMERCIAL, AGE 50, 4478 TOTAL HOURS, 125 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - ST AUGUSTINE	INTENDED DESTINATION LOCAL			
		DEPARTURE POINT ST AUGUSTINE, FLA				
		TYPE OF ACCIDENT HARD LANDING GEAR COLLAPSED	PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN LANDING LEVEL OFF/TOUCHDOWN			
PROBABLE CAUSE(S)						
PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE						
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS						
FACTOR(S)						
MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE						
REMARKS- BENT AXLE, BROKE ROTOR BLADES.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4239	12/5/74 TIME - 1330	OKAHUMPKA,FLA	SIKORSKY H-19C N15182 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 26, 1713 TOTAL HOURS, 100 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT OKAHUMPKA,FLA	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT AIRFRAME FAILURE IN FLIGHT COLLIDED WITH TREES		PHASE OF OPERATION IN FLIGHT SWATH RUN LANDING LEVEL OFF/TOUCHDOWN		
PROBABLE CAUSE(S)						
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION						
PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL DEFICIENCY,COMPANY MAINTAINED EQPMT,SERVICES,REGULATION						
MISCELLANEOUS ACTS,CONDITIONS - LACK OF LUBRICATION-SPECIFIC PART,NOT SYSTEM						
MISCELLANEOUS ACTS,CONDITIONS - CORRODED/CORROSION						
MISCELLANEOUS ACTS,CONDITIONS - EXCESSIVE-WEAR/PLAY						
ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM TAIL ROTOR DRIVE SHAFT ASSEMBLY						
TERRAIN - HIGH OBSTRUCTIONS						
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
DIRECTIONAL CONTROL PROBLEM						
SPECIAL DATA						
TOTAL HOURS IN CROP CONTROL - 1645			KIND OF OPERATION - SPRAYING CROPS			
KIND OF CROP - FRUIT ORCHARDS			TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTXIC			
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			TERRAIN-TYPE - ROLLING			
ELEVATION-AREA BEING TREATED-FEET - 77			SWATH RUN-HOW FLOWN - CROSSWIND			
REMARKS- TAIL ROTOR DRIVE SPLINE COUPLINGS PIN S14-35-5081 & S14-35-5082 WORN.AD 67-17-6 NOT C/W.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3967	12/18/74	NR.DAYTONA BEACH,FLA	BELL 47J-2 N8490E DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL MAPPING/PHOTO	COMMERCIAL, AGE 27, UNK/NR TOTAL HOURS, 1300 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT DAYTONA BEACH,FLA	INTENDED DESTINATION SATELLITE BCH,FLA			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION AIRFRAME FAILURE IN FLIGHT	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE IN FLIGHT NORMAL CRUISE			
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 - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.						
FACTOR(S) WEATHER - CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE WEATHER BRIEFING - BRIEFING RECEIVED-METHOD UNKNOWN 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	PRECIPITATION AT ACCIDENT SITE NONE			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE	TEMPERATURE-F 37			
		WIND VELOCITY-KNOTS CALM	TYPE OF WEATHER CONDITIONS VFR			
		TYPE OF FLIGHT PLAN NONE				
REMARKS- IN FLT BREAK-UP,M/R BLADES STRUCK CASTING WHERE T/R EXT TUBE ATTACHES TO TAIL BOOM.CARB HT WAS OFF						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1328	4/10/74 TIME - 0430	BLUE RIDGE,GA	BELL 47G N25802 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	PRIVATE,FL.INSTR., AGE 35, 2500 TOTAL HOURS, 50 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT BLUE RIDGE,GA	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT COLLIDED WITH TREES	PHASE OF OPERATION IN FLIGHT HOVERING			
PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED CLEARANCE						
FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - VIBRATION,EXCESSIVE TERRAIN - HIGH OBSTRUCTIONS						
EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT SUSPECTED OR KNOWN AIRCRAFT DAMAGE						
SPECIAL DATA						
		TOTAL HOURS IN CROP CONTROL - 50	KIND OF OPERATION - ANTI-FROST OPERATIONS			
		KIND OF CROP - FRUIT ORCHARDS	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	TERRAIN-TYPE - ROLLING			
		ELEVATION-AREA BEING TREATED-FEET - 2000				
REMARKS- NIGHT ANTI-FROST HOVERING.SVR VIBRATION EXPERIENCED.ATMTD LG IN CLEARING.T/R HIT TREES.						
3-4155	6/25/74 TIME - 1230	BLAIRSVILLE,GA	BELL 206A N7881S DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL BUSINESS	COMMERCIAL, AGE 30, 2427 TOTAL HOURS, 73 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - BLAIRSVILLE MUNI				
		DEPARTURE POINT DAHLONEGA,GA	INTENDED DESTINATION BLAIRSVILLE,GA			
		TYPE OF ACCIDENT COLLIDED WITH OBJECT	PHASE OF OPERATION LANDING POWER-ON LANDING			
PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS PILOT IN COMMAND - MISJUDGED CLEARANCE						
FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - SUNGLARE TERRAIN - OTHER						
REMARKS- ACFT DRIFTED R AFTER T/D.HINGED SIGN STRUCK BY M/R BLADES.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2922	7/31/74	ATLANTA,GA	ENSTROM F-28A N9582	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL BUSINESS	COMMERCIAL, AGE 25, 1848 TOTAL HOURS, 178 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT ATLANTA,GA	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH BUILDING(S)	PHASE OF OPERATION TAKEOFF VERTICAL LANDING POWER-OFF AUTOROTATIVE LANDING			
PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS PILOT IN COMMAND - MISJUDGED CLEARANCE PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- TKOF FM 4 STORY BLDG,DRG DSCNT MAIN ROTOR CTCTD METAL CAR PORT.						
3-3571	8/30/74	ALMA,GA	HUGHES 269B N9301F	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 22, 1700 TOTAL HOURS, 800 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT ALMA,GA	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES	PHASE OF OPERATION IN FLIGHT RETURN TO STRIP			
PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED CLEARANCE FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - WINDSHIELD,DIRTY,FOGGY,ETC.-RESTRICTED VISION TERRAIN - HIGH OBSTRUCTIONS						
SPECIAL DATA TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED KIND OF CROP - BEANS PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - SIDES ELEVATION-AREA BEING TREATED-FEET - 250 REMARKS- PLT ATMTD FLY UNDER WIRES.WINDSHIELD HAD SPRAY ON IT.						
		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 - LEVEL,FLAT SWATH RUN-HOW FLOWN - UNKNOWN/NOT REPORTED				

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3858	11/29/74 TIME - 1300	HOMERVILLE,GA	BELL 205A1 N59441 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 29, 1726 TOTAL HOURS, 590 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT HOMERVILLE,GA	INTENDED DESTINATION LOCAL	PHASE OF OPERATION TAKEOFF VERTICAL		
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER UNCONTROLLED				
PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING INSTRUMENTS/EQUIPMENT AND ACCESSORIES - MISCELLANEOUS EQUIPMENT OTHER						
SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 1900 KIND OF CROP - FOREST-TREES PILOT'S SEAT, BELT - FASTENED-PROPERLY COCKPIT CRASHPAD - INSTALLED TANK/HOPPER-LOCATION - SLING LOADED REMARKS- WHILE LIFTING EXT SLING LOAD,SLING CAUGHT ON SKID.ASYMMETRICAL CG CAUSED LOSS OF CTL.						
				KIND OF OPERATION - FERTILIZING (DUST) TYPE OF CHEMICAL USED - UNKNOWN/NOT REPORTED CRASH HELMET - NOT AVAILABLE CRASH BAR - NOT INSTALLED TERRAIN-TYPE - LEVEL,FLAT		
3-0090	1/24/74 TIME - 0900	HONOLULU,HAWAII	HILLER ACFT UH-12E N9741C DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 2	COMMERCIAL CTR PASSG-D	COMMERCIAL, AGE 24, 3241 TOTAL HOURS, 489 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT HONOLULU,HAWAII	INTENDED DESTINATION LOCAL	PHASE OF OPERATION LANDING GO-AROUND		
		TYPE OF ACCIDENT COLLIDED WITH TREES				
PROBABLE CAUSE(S) PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND WEATHER - DOWNDRAFT,UPDRAFTS FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS WEATHER BRIEFING - NO BRIEFING RECEIVED WEATHER FORECAST - UNKNOWN/NOT REPORTED						
		SKY CONDITION UNKNOWN/NOT REPORTED VISIBILITY AT ACCIDENT SITE 5 OR OVER OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE WIND VELOCITY-KNOTS 30 TYPE OF FLIGHT PLAN NONE FIRE AFTER IMPACT		CEILING AT ACCIDENT SITE 2500 PRECIPITATION AT ACCIDENT SITE NONE TEMPERATURE-F 68 TYPE OF WEATHER CONDITIONS VFR		
REMARKS- STEEP MOUNTAINOUS TERRAIN.ENCOUNTERED SVR DOWNDRAFTS.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0482	2/27/74 TIME - 1400	LIHUE, HAWAII	HUGHES 269B N9398F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 26, 1130 TOTAL HOURS, 10 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT LIHUE, HAWAII	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	UNCONTROLLED	PHASE OF OPERATION IN FLIGHT PULLUP FROM SWATH RUN		
PROBABLE CAUSE(S) PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT						
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 - 0	KIND OF OPERATION - DEFOLIATION (LIQUID)			
		KIND OF CROP - OTHER	TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC			
		PILOT'S SEAT BELT - FASTENED-PROPERLY	GLOVES - NOT USED			
		GOGGLES - 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 - 110	SWATH RUN-HOW FLOWN - UPWIND			
		PROCEDURE TURNAROUND - SECOND 1/3 OF TURN				
REMARKS- DITCH DEFOLIATION. WATCHING GRND WORKER.						
3-2804	4/24/74 TIME - 0905	KEKAHA, HAWAII	HUGHES 269A N8732F DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL. INSTR., AGE 46, 8050 TOTAL HOURS, 80 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT LIHUE, HAWAII	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES		PHASE OF OPERATION IN FLIGHT PROCEDURE TURNAROUND		
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 - 2000	KIND OF OPERATION - OTHER			
		KIND OF CROP - OTHER	TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC			
		PILOT'S SEAT BELT - FASTENED-PROPERLY	GLOVES - 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 - 100			
		SWATH RUN-HOW FLOWN - DOWNWIND	PROCEDURE TURNAROUND - SECOND 1/3 OF TURN			
FIRE AFTER IMPACT						
REMARKS- HIT KNOWN WIRES. WEED CTL.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1099	4/25/74 TIME - 1440	NR.LAHAINA,HAWAII	HUGHES 269B N9318F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 25, 1616 TOTAL HOURS, 243 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - KAA NAPALI DEPARTURE POINT LAHAINA,HAWAII INTENDED DESTINATION LOCAL TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH DITCHES PHASE OF OPERATION IN FLIGHT SWATH RUN LANDING POWER-OFF AUTOROTATIVE LANDING PROBABLE CAUSE(S) POWERPLANT - ENGINE STRUCTURE OTHER MISCELLANEOUS ACTS,CONDITIONS - MISSING MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY INSTALLED PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION FACTOR(S) 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 - 1610 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 - 200 REMARKS- CRANKSHAFT GEAR BOLT & LOCKPLATE MISSING.TOO LOW FOR SUCCESSFUL AUTOROTATION.SPRAYING SUGAR CANE.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1064	5/7/74 TIME - 1615	NR.KANEOHE,HAWAII	SIKORSKY S55B N865RL DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 1	COMMERCIAL CONSTRUCTION	COMMERCIAL, AGE 32, 2000 TOTAL HOURS, 42 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT KANEOHE,HAWAII	INTENDED DESTINATION LOCAL	PHASE OF OPERATION IN FLIGHT OTHER		
TYPE OF ACCIDENT COLLISION WITH GROUND/WATER CONTROLLED						
PROBABLE CAUSE(S) WEATHER - DOWNDRAFT,UPDRAFTS FACTOR(S) TERRAIN - OTHER WEATHER BRIEFING - BRIEFING RECEIVED-METHOD UNKNOWN WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND ADVERSE/UNFAVORABLE WEATHER						
		SKY CONDITION SCATTERED	CEILING AT ACCIDENT SITE UNKNOWN/NOT REPORTED			
		VISIBILITY AT ACCIDENT SITE 5 OR OVER	PRECIPITATION AT ACCIDENT SITE NONE			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE	TEMPERATURE-F 84			
		WIND DIRECTION-DEGREES 60	WIND VELOCITY-KNOTS 10			
		TYPE OF WEATHER CONDITIONS VFR	TYPE OF FLIGHT PLAN NONE			
REMARKS- MOUNTAINOUS TERRAIN.						
3-1067	5/17/74 TIME - 0805	NR.EWA BEACH,HAWAII	HILLER ACFT UH-12E N90474 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0 OT- 0 1 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 27, 3534 TOTAL HOURS, 1500 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT EWA BEACH,HAWAII	INTENDED DESTINATION LOCAL	PHASE OF OPERATION STATIC IDLING ROTORS		
TYPE OF ACCIDENT PROPELLER/ROTOR ACCIDENT TO PERSON						
PROBABLE CAUSE(S) PERSONNEL - MISCELLANEOUS-PERSONNEL GROUND CREWMAN PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL INADEQUATE SUPERVISION/TRAINING OF RAMP CREWS REMARKS- GROUND SERVICE ATTENDANT WALKED INTO TAIL ROTOR.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3058	9/30/74 TIME - 1415	HONOKAA, HAWAII	BELL 206 N4760R DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 1 0 1	MISCELLANEOUS OTHER PUBLIC	COMMERCIAL, FL. INSTR., AGE 42, 6500 TOTAL HOURS, 300 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT HILO, HAWAII	INTENDED DESTINATION HONOKAA, HAWAII	LAST ENROUTE STOP LAUPAHOEHOE, HAWAII		
		TYPE OF ACCIDENT ROLL OVER		PHASE OF OPERATION STATIC IDLING ROTORS		
		PROPELLER/ROTOR ACCIDENT TO PERSON		STATIC IDLING ROTORS		
PROBABLE CAUSE(S)						
PILOT IN COMMAND - EXERCISED POOR JUDGMENT						
PILOT IN COMMAND - SPONTANEOUS-IMPROPER ACTION						
FACTOR(S)						
WEATHER - UNFAVORABLE WIND CONDITIONS						
		SKY CONDITION CLEAR		CEILING AT ACCIDENT SITE UNLIMITED		
		VISIBILITY AT ACCIDENT SITE 5 OR OVER		PRECIPITATION AT ACCIDENT SITE RAIN		
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE		TEMPERATURE-F 79		
		WIND DIRECTION-DEGREES 70		WIND VELOCITY-KNOTS 12		
		TYPE OF WEATHER CONDITIONS VFR		TYPE OF FLIGHT PLAN NONE		
REMARKS- PLT DEPLANED TO ASSIST PATIENT. WIND GUST TIPPED HELI OVR & M/R BLADE STRUCK PATIENT.						
3-4040	12/3/74 TIME - 0730	NR. KAPAAU, HAWAII	HILLER ACFT UH-12E N90474 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 27, 3933 TOTAL HOURS, 1600 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT KAPAAU, HAWAII	INTENDED DESTINATION KAMUELA, HAWAII	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE		
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH TREES		LANDING POWER-OFF AUTOROTATIVE LANDING		
PROBABLE CAUSE(S)						
ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM CLUTCH ASSEMBLY						
MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE						
TERRAIN - HIGH OBSTRUCTIONS						
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE						
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
REMARKS- CLUTCH FAILED FOR UNDET REASON. LND IN GUAVA TREES.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0311	2/5/74 TIME - 1625	SODA SPRINGS,ID	HILLER ACFT UH-12E N90465 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 28, 4200 TOTAL HOURS, 640 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT SODA SPRINGS,ID	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 IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL) POWERPLANT - FUEL SYSTEM OTHER MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY INSTALLED PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS						
FACTOR(S) TERRAIN - SNOW-COVERED COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- FUEL STARVATION DUE TO IMPROPER INSTALLATION OF AUX FUEL SYS. LND WITH FWD SPEED IN SNOW.						
3-0692	2/13/74 TIME - 1550	KETCHUM,ID	BELL 206B N6265N DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL OTHER	COMMERCIAL, AGE 41, 3845 TOTAL HOURS, 664 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - KETCHUM DEPARTURE POINT KETCHUM,ID	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT ROLL OVER		PHASE OF OPERATION LANDING POWER-ON LANDING		
PROBABLE CAUSE(S) PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS						
FACTOR(S) TERRAIN - ROUGH/UNEVEN REMARKS- RESCUE MISSION.SELECTED BOTTOM OF SKI RUN FOR 1 SKID LDG. LND NOSE HIGH.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES C S H/M	FLIGHT PURPOSE	PILOT DATA
3-2841	7/31/74	NR,BLISS,ID	HILLER ACFT UH-12E	CR- 0 0 1	COMMERCIAL	COMMERCIAL, AGE 28, 1663
	TIME - 1300		N534S	PX- 0 0 0	ASSOC CROP CTL ACTIVITY	TOTAL HOURS, 85 IN TYPE,
			DAMAGE-DESTROYED			NOT INSTRUMENT RATED.
	DEPARTURE POINT		INTENDED DESTINATION			
	BLISS,ID		LOCAL			
	TYPE OF ACCIDENT				PHASE OF OPERATION	
	COLLISION WITH GROUND/WATER	UNCONTROLLED			TAKEOFF OTHER	
	PROBABLE CAUSE(S)					
	PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING					
	PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.					
	FACTOR(S)					
	WEATHER - HIGH DENSITY ALTITUDE					
	WEATHER BRIEFING - NO BRIEFING RECEIVED					
	WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT					
	SKY CONDITION				CEILING AT ACCIDENT SITE	
	CLEAR				UNLIMITED	
	VISIBILITY AT ACCIDENT SITE				PRECIPITATION AT ACCIDENT SITE	
	5 OR OVER				NONE	
	OBSTRUCTIONS TO VISION AT ACCIDENT SITE				TEMPERATURE-F	
	NONE				85	
	WIND DIRECTION-DEGREES				WIND VELOCITY-KNOTS	
	45				5	
	TYPE OF WEATHER CONDITIONS				TYPE OF FLIGHT PLAN	
	VFR				NONE	
	SPECIAL DATA					
	TOTAL HOURS IN CROP CONTROL - 88				KIND OF OPERATION - SPRAYING CROPS	
	KIND OF CROP - POTATOES				TYPE OF CHEMICAL USED - DRY CHEMICAL-TOXIC	
	PILOT'S SEAT BELT - FASTENED-PROPERLY				GLOVES - USED	
	GOGGLES - USED				CRASH HELMET - AVAILABLE-USED	
	CRASH BAR - NOT INSTALLED				TANK/HOPPER-LOCATION - AFT OF PILOT	
	TERRAIN-TYPE - HILLY				ELEVATION-AREA BEING TREATED-FEET - 3000	
	FIRE AFTER IMPACT					
	REMARKS- HEAVY LOAD.DA 5200FT,PLT ALLOWED RPM TO DROOP EACH TKOF TIL REACHING TRANS LIFT.9TH LOAD,LOST CTL.					

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3790	8/12/74 TIME - 0730	ROBERTS, ID	HILLER ACFT UH-12 N3112G DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 54, 13700 TOTAL HOURS, 70 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT ROBERTS, ID	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT COLLIDED WITH CROP ROLL OVER	PHASE OF OPERATION TAKEOFF INITIAL CLIMB LANDING ROLL-ON/RUN-ON			
PROBABLE CAUSE(S) PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS						
FACTOR(S) TERRAIN - HIGH VEGETATION TERRAIN - WET, SOFT GROUND EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND SUSPECTED MECHANICAL DISCREPANCY						
SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 700 KIND OF CROP - GRAIN FIELDS PILOT'S SEAT BELT - FASTENED-PROPERLY CRASH HELMET - AVAILABLE-USED CRASH BAR - NOT INSTALLED ELEVATION-AREA BEING TREATED- FEET - 4800 REMARKS- BOOM CABLE SNAGGED WHEAT IMMED AFTER TKOF. ATMTD ROLL-ON LOG. SKID STUCK IN SOFT GROUND.						
3-1913	5/1/74 TIME - 0852	SPRINGFIELD, ILL	HILLER ACFT UH-12A N7636B DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS TEST	AIRLINE TRANSPORT, AGE 51, 21000 TOTAL HOURS, 8 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - CAPITAL DEPARTURE POINT SPRINGFIELD, ILL	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT HARD LANDING	PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN			
PROBABLE CAUSE(S) PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE						
FACTOR(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION IMPROPER MAINTENANCE (OWNER PERSONNEL) ROTORCRAFT - ROTOR ASSEMBLIES BLADE TRIM TABS PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT AIRFRAME BUFFET REMARKS- NOT ROTORCRAFT RATED. ADJUSTED BLADE TRIM TAB IMPROPERLY. STRUCK TAIL ON EXPEDITED LGD. M/R HIT TAIL.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2586	5/29/74 TIME - 1615	ATTURBURY, ILL	BRANTLY B-2 N5912X DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	ATR, FLIGHT INSTR., AGE 35, 2696 TOTAL HOURS, 75 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT ATTURBURY, ILL	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLISION WITH GROUND/WATER	CONTROLLED	PHASE OF OPERATION IN FLIGHT PROCEDURE TURNAROUND IN FLIGHT PROCEDURE TURNAROUND		
PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS, CONDITIONS - FUEL EXHAUSTION						
FACTOR(S) TERRAIN - WET, SOFT GROUND COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 20 KIND OF CROP - CORN PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - BELLY ELEVATION-AREA BEING TREATED- FEET - 600 PROCEDURE TURNAROUND - SECOND 1/3 OF TURN KIND OF OPERATION - SPRAYING CROPS TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC GLOVES - NOT USED CRASH HELMET - AVAILABLE-NOT USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - LEVEL, FLAT SWATH RUN-HOW FLOWN - UPWIND						
3-1986	6/25/74 TIME - 1450	WHEELING, ILL	BRANTLY B2B N2173U DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, AGE 30, 3077 TOTAL HOURS, 488 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - PAL WAUKEE DEPARTURE POINT WHEELING, ILL	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT HARD LANDING		PHASE OF OPERATION LANDING POWER-OFF AUTOROTATIVE LANDING		
PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER LEVEL OFF REMARKS- WIND GUSTING 18K.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2584	8/20/74 TIME - 1630	HINSDALE, ILL	BELL 47G5A N211CB DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 26, 3993 TOTAL HOURS, 300 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - HINSDALE DEPARTURE POINT INTENDED DESTINATION JOLIET, ILL HINSDALE, ILL TYPE OF ACCIDENT PHASE OF OPERATION HARD LANDING LANDING ROLL-ON/RUN-ON ROLL OVER LANDING ROLL-ON/RUN-ON PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING REMARKS- PLT NOTED HI DSCNT RATE DRG FLARE, MADE RUN-ON TYPE LDG.						
3-2199	6/2/74 TIME - 1710	SHERIDAN, IND	PHILLIPS PA1067 N3017 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	MISCELLANEOUS TEST	PRIVATE, AGE 48, 270 TOTAL HOURS, 4 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - SHERIDAN DEPARTURE POINT INTENDED DESTINATION SHERIDAN, IND LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER UNCONTROLLED TAKEOFF INITIAL CLIMB PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED REMARKS- ENG MCCULLOCH 4318A-LOSS OF CONTROL UNDETERMINED						
3-2195	8/9/74 TIME - 1426	GRIFFITH, IND	BRANTLEY B-2A N2156U DAMAGE-MINOR	CR- 0 0 1 PX- 0 1 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 39, 235 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - GRIFFITH DEPARTURE POINT INTENDED DESTINATION UNKNOWN/NOT REPORTED GRIFFITH, IND TYPE OF ACCIDENT PHASE OF OPERATION PROPELLER/ROTOR ACCIDENT TO PERSON STATIC IDLING ROTORS PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT PERSONNEL - MISCELLANEOUS-PERSONNEL PASSENGER REMARKS- PLT NOT AWARE PAX WOULD LEAVE HELICOPTER BFR SHUT-DWN. PAX STRUCK BY RETREATING ROTOR BLADE.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3428	9/1/74 TIME - 1530	DEPAUW, IND	HILLER ACFT OH-23B NONE DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PRACTICE	NO CERTIFICATE, AGE 39, 50 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT DEPAUW, IND	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT ROLL OVER	PHASE OF OPERATION IN FLIGHT HOVERING			
PROBABLE CAUSE(S) MISCELLANEOUS - UNQUALIFIED PERSON OPERATED AIRCRAFT PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS						
FACTOR(S) PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT						
REMARKS- ACFT UNREGISTERED. PILOT HAD NO CERT OR MED. NO PREVIOUS INSTRUCTION. PLT TEACHING HIMSELF TO FLY.						
3-3235	10/3/74 TIME - 1255	ROANOKE, IND	BENSEN B-8M N9188 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 40, 300 TOTAL HOURS, 100 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - MOORE FIELD				
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	UNCONTROLLED	PHASE OF OPERATION IN FLIGHT LOW PASS		
PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS PILOT IN COMMAND - MISJUDGED SPEED						
FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - UNWARRANTED LOW FLYING						
REMARKS- HI SPEED PASS, ROLLED INVERTED ORG PULL-UP. MCCULLOCH 0-100-1 ENG.						
3-3623	11/22/74 TIME - 1410	VALPARAISO, IND	SIKORSKY S-52-3 N54059 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 53, 1114 TOTAL HOURS, 69 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - PORTER COUNTY				
		DEPARTURE POINT VALPARAISO, IND	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH DITCHES	PHASE OF OPERATION TAKEOFF INITIAL CLIMB LANDING POWER-OFF AUTOROTATIVE LANDING			
PROBABLE CAUSE(S) MISCELLANEOUS - SABOTAGE MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS MISCELLANEOUS ACTS, CONDITIONS - FUEL STARVATION MISCELLANEOUS ACTS, CONDITIONS - WATER IN FUEL AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS OTHER COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP.T.						
REMARKS- WATER, DIRT & GRASS FOUND IN FUEL TANK. 2 OTHER ACFT DMGD BY VANDALS.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3389	10/30/74 TIME - 0935	WATERLOO, IOWA	HUGHES 269B N9487F DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL. INSTR., AGE 25, 1207 TOTAL HOURS, 53 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - WATERLOO MUNI DEPARTURE POINT INTENDED DESTINATION WATERLOO, IOWA LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER UNCONTROLLED IN FLIGHT OTHER PROBABLE CAUSE(S) DUAL STUDENT - MISJUDGED DISTANCE, SPEED, ALTITUDE OR CLEARANCE DUAL STUDENT - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT REMARKS- PRACTICING QUICK STOPS.						
3-4159	12/30/74 TIME - 1250	BETTENDORF, IOWA	HUGHES 269A N8823F DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	AIRLINE TRANSPORT, AGE 28, 2662 TOTAL HOURS, 62 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION BETTENDORF, IOWA LOCAL TYPE OF ACCIDENT PHASE OF OPERATION AIRFRAME FAILURE ON GROUND TAKEOFF RUN PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS MISCELLANEOUS ACTS, CONDITIONS - GROUND RESONANCE FACTOR(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION INADEQUATE MAINTENANCE AND INSPECTION REMARKS- HELICOPTER SLIDING SLOWLY ON GND DEVELOPED SEVERE VIBRATION DRG L/O.GR DAMPERS FND TO BE FLAT.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0674	2/5/74 TIME - 1900	SCOTT CITY,KANS	HUGHES 269A N8719F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL BUSINESS	COMMERCIAL, AGE 36, 2656 TOTAL HOURS, 414 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT LEOTI,KANS	INTENDED DESTINATION DIGHTON,KANS				
	TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	UNCONTROLLED		PHASE OF OPERATION IN FLIGHT UNCONTROLLED DESCENT		
	PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - BECAME LOST/DISORIENTED PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - SPATIAL DISORIENTATION					
	FACTOR(S) WEATHER - LOW CEILING WEATHER BRIEFING - NO BRIEFING RECEIVED					
	SKY CONDITION UNKNOWN/NOT REPORTED			CEILING AT ACCIDENT SITE 1000		
	VISIBILITY AT ACCIDENT SITE 5 OR OVER			PRECIPITATION AT ACCIDENT SITE NONE		
	OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE			TYPE OF WEATHER CONDITIONS VFR		
	TYPE OF FLIGHT PLAN NONE					
	REMARKS- FLEW INTO LOW CLOUDS.					
3-0191	2/19/74 TIME - 1435	WICHITA,KANS	HUGHES 269C N8968F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	MISCELLANEOUS DEMONSTRATION	COMMERCIAL, FL.INSTR., AGE 26, 2196 TOTAL HOURS, 830 IN TYPE, NOT INSTRU- MENT RATED.
	NAME OF AIRPORT - WESTPORT					
	DEPARTURE POINT WICHITA,KANS	INTENDED DESTINATION LOCAL				
	TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING			PHASE OF OPERATION LANDING TRAFFIC PATTERN-CIRCLING LANDING POWER-OFF AUTOROTATIVE LANDING		
	PROBABLE CAUSE(S) MISCELLANEOUS ACTS,CONDITIONS - SIMULATED CONDITIONS PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE					

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3393	6/10/74 TIME - 0620	DODGE CITY,KANS	BELL 47G-3B N1380X DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS FERRY	COMMERCIAL, AGE 47, 7209 TOTAL HOURS, 64 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT DODGE CITY,KANS	INTENDED DESTINATION HILL CITY,KANS			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING	PHASE OF OPERATION IN FLIGHT CLIMB TO CRUISE LANDING LEVEL OFF/TOUCHDOWN			
PROBABLE CAUSE(S) POWERPLANT - FUEL SYSTEM PUMPS MISCELLANEOUS ACTS,CONDITIONS - PRESSURE TOO LOW PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC. MISCELLANEOUS ACTS,CONDITIONS - IMPROPER EMERGENCY PROCEDURES MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE						
FACTOR(S) TERRAIN - WET,SOFT GROUND PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- POWER LOSS SHORTLY AFTER TKOF.EMERG LDG IN SOFT FLD.ENG FUEL PUMP FAILED,ELECT FUEL PUMP NOT ON.						
3-4322	11/1/74 TIME - 1013	TOPEKA,KANS	HUGHES 269C N9648F DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	MISCELLANEOUS POLICE PATROL	COMMERCIAL, AGE 39, 2300 TOTAL HOURS, 1807 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT TOPEKA,KANS	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT COLLIDED WITH AUTOMOBILE	PHASE OF OPERATION LANDING POWER-OFF AUTOROTATIVE LANDING			
PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED						
FACTOR(S) MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. FIRE AFTER IMPACT REMARKS- AUTOROTATIVE DESCENT TO PARKING LOT.HIGH FLARE,SETTLED WITH LOW RPM.REASON FOR LDG NOT DETERMINED.						
3-3876	11/20/74 TIME - 1030	GREENWICH,KANS	HUGHES 269C N8968F DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 48, 2970 TOTAL HOURS, 1016 IN TYPE, NOT INSTRU- MENT RATED.
		DEPARTURE POINT WICHITA,KANS	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT ROLL OVER	PHASE OF OPERATION LANDING POWER-OFF AUTOROTATIVE LANDING			
PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN REMARKS- IP DEMO PRACTICE AUTOROTATIONS.OVERSHOT SPOT T/D IN WHEATFIELD BTWN RNWYS,ACFT ROCKED FWD ON SKIDS						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0856	1/9/74 TIME - 1335	LOUISVILLE, KY	HUGHES 269B N9465F DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL. INSTR., AGE 31, 1886 TOTAL HOURS, 620 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - STANDIFORD FIELD DEPARTURE POINT INTENDED DESTINATION LOUISVILLE, KY LOCAL TYPE OF ACCIDENT PHASE OF OPERATION ROLL OVER IN FLIGHT HOVERING PROBABLE CAUSE(S) DUAL STUDENT - IMPROPER OPERATION OF FLIGHT CONTROLS PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT						
3-0861	2/1/74 TIME - 1430	ROYALTON, KY	BELL 47J-2 N711JW DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 46, 6294 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION ROYALTON, KY LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH OBJECT IN FLIGHT HOVERING PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS FIRE AFTER IMPACT REMARKS- TAIL ROTOR HIT A 2 BY 4 WOODEN STAKE.						
3-1922	7/7/74 TIME - 1454	DREYFUS, KY	HUGHES 269B N9467F DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 34, 164 TOTAL HOURS, 102 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION BIG HILL, KY DREYFUS, KY TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH WIRES/POLES LANDING FINAL APPROACH PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS REMARKS- HIT WIRES APRX 30FT AGL.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3003	7/19/74 TIME - 1125	NR.CLINTON,KY	BELL 47D1 N8282E DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 31, 2033 TOTAL HOURS, 1733 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT CLINTON,KY	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT COLLIDED WITH TREES	PHASE OF OPERATION IN FLIGHT PROCEDURE TURNAROUND			
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.						
SPECIAL DATA						
		TOTAL HOURS IN CROP CONTROL - 389	KIND OF OPERATION - SPRAYING CROPS			
		KIND OF CROP - BEANS	TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC			
		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 - 390			
		SWATH RUN-HOW FLOWN - CROSSWIND	PROCEDURE TURNAROUND - SECOND 1/3 OF TURN			
3-0124	1/8/74 TIME - 1240	NR.VENICE,LA	BELL 206B N4020G DAMAGE-DESTROYED	CR- 0 0 1 PX- 1 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 32, 6139 TOTAL HOURS, 646 IN TYPE, NOT INSTRU- MENT RATED.
		DEPARTURE POINT VENICE,LA	INTENDED DESTINATION W.DELTA NR 79			
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	CONTROLLED	PHASE OF OPERATION LANDING OTHER		
PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS						
FACTOR(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING						
MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER						
WEATHER - LOW CEILING						
WEATHER - FOG						
WEATHER BRIEFING - OTHER						
WEATHER FORECAST - UNKNOWN/NOT REPORTED						
		SKY CONDITION OBSCURATION	CEILING AT ACCIDENT SITE 0			
		VISIBILITY AT ACCIDENT SITE ZERO	PRECIPITATION AT ACCIDENT SITE NONE			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG	TYPE OF WEATHER CONDITIONS IFR			
		TYPE OF FLIGHT PLAN NONE				
REMARKS- UN CONT IN FOG,ATMPTD WATER LDG. SKIDS WITH POP-OUT FLOATS. PAX PRESUMED FATAL. WEA BRIEF BY CO.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0251	3/8/74 TIME - 0730	GLORIA,LA	BELL 206B N4833 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 26, 5467 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - GLORIA HELIPORT DEPARTURE POINT INTENDED DESTINATION TOCA,LA GLORIA,LA TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER CONTROLLED LANDING FINAL APPROACH PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER WEATHER - LOW CEILING WEATHER - FOG WEATHER BRIEFING - NO BRIEFING RECEIVED WEATHER FORECAST - UNKNOWN/NOT REPORTED SKY CONDITION CEILING AT ACCIDENT SITE UNKNOWN/NOT REPORTED 300 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 2 MILES OR LESS NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE TEMPERATURE-F SMOKE 21 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN IFR NONE REMARKS- FLEW INTO RIVER DRG APCH TO HELI PAD.						
3-0684	4/11/74 TIME - 1735	PATTERSON,LA	BELL 206B N30AL DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 30, 2458 TOTAL HOURS, 316 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - WILLIAMS MEMORIAL DEPARTURE POINT INTENDED DESTINATION MORGAN CITY,LA PATTERSON,LA TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT NORMAL CRUISE HARD LANDING 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 MISCELLANEOUS ACTS,CONDITIONS - INATTENTIVE TO FUEL SUPPLY FACTOR(S) 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 F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1246	5/24/74 TIME - 1345	NR.MER ROUGE,LA	KAMAN ACFT K-600 N61757 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 31, 3422 TOTAL HOURS, 181 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT MER ROUGE,LA	INTENDED DESTINATION LOCAL	PHASE OF OPERATION TAKEOFF ABORTED		
TYPE OF ACCIDENT NOSE OVER/DOWN						
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 - DOWNWIND TERRAIN - WET,SOFT GROUND						
SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 1000 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 - 150 FIRE AFTER IMPACT REMARKS- LND DUE POOR ACCELERATION. NOSE GR SANK INTO SOFT DIRT.						
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 - CROSSWIND						
3-2429	8/9/74 TIME - 0719	GRAND ISLE,LA	BELL 206B N4111G DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 4	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 26, 2156 TOTAL HOURS, 443 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - FREEPORT-SULPHUR	INTENDED DESTINATION LOCAL	PHASE OF OPERATION IN FLIGHT HOVERING		
DEPARTURE POINT GRAND ISLE,LA TYPE OF ACCIDENT ROLL OVER						
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS						
FACTOR(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS OTHER						
REMARKS- R SKID CONTACTED YELLOW TIEDOWN STAKE WHILE TURNING ACFT INTO WIND.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3488	11/30/74 TIME - 0830	VENICE, LA	BELL 47G-4A N7848S DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 37, 2511 TOTAL HOURS, 199 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - PHI HELIPORT DEPARTURE POINT INTENDED DESTINATION S PASS 27 TANK BTRY VENICE, LA TYPE OF ACCIDENT PHASE OF OPERATION UNDERSHOOT LANDING FINAL APPROACH ROLL OVER LANDING POWER-ON LANDING PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING MISCELLANEOUS ACTS, CONDITIONS - POORLY PLANNED APPROACH PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS FACTOR(S) WEATHER - UNFAVORABLE WIND CONDITIONS MISCELLANEOUS ACTS, CONDITIONS - DOWNWIND PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. WEATHER BRIEFING - NO BRIEFING RECEIVED WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT SKY CONDITION CEILING AT ACCIDENT SITE OVERCAST 1200 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 5 OR OVER NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE RELATIVE BEARING OF WIND NONE TAIL WIND 158-202 DEGREES WIND DIRECTION-DEGREES WIND VELOCITY-KNOTS 330 30 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN VFR OTHER FIRE AFTER IMPACT REMARKS- PLT INADVRTNTLY MADE APPROACH WTH 30 KT TAILWND						
3-2756	8/31/74 TIME - 1415	S CASCO, ME	ENSTROM F-28A N29HW DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 39, 818 TOTAL HOURS, 118 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION PORTLAND, ME LOCAL TYPE OF ACCIDENT PHASE OF OPERATION MISCELLANEOUS IN FLIGHT NORMAL CRUISE HARD LANDING IN FLIGHT AUTOROTATIVE DESCENT PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION INADEQUATE MAINTENANCE AND INSPECTION ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM CLUTCH ASSEMBLY MISCELLANEOUS ACTS, CONDITIONS - IMPROPER ALIGNMENT/ADJUSTMENT PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE PILOT IN COMMAND - PHYSICAL IMPAIRMENT MISCELLANEOUS ACTS, CONDITIONS - ALCOHOLIC IMPAIRMENT OF EFFICIENCY AND JUDGMENT EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- IDLER YOKE OF BELT TENSIONING SYS FAILED. DRIVE TO TRANSMISSION WAS LOST. BLOOD ALCOHOL LVL 83MG PCT.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1348	2/13/74	GAITHERSBURG, MD	HUGHES 269B N9397F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PRACTICE	COMMERCIAL, FL. INSTR., AGE 33, 1786 TOTAL HOURS, 21 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - MONTGOMERY CO DEPARTURE POINT INTENDED DESTINATION GAITHERSBURG, MD LOCAL TYPE OF ACCIDENT PHASE OF OPERATION HARD LANDING LANDING ROLL-ON/RUN-ON PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS REMARKS- RUN-ON LOG. WHILE RUNNING ON GND NOSE PITCHED UP T/R STRUCK GROUND.						
3-0031	1/3/74	TAUNTON, MASS	MCCULLOCH J-2 N4343G DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 31, 160 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - TAUNTON AIRPORT DEPARTURE POINT INTENDED DESTINATION TAUNTON, MASS LOCAL TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT POWER-ON DESCENT HARD LANDING 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 PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE FACTOR(S) WEATHER - CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING MISCELLANEOUS ACTS, CONDITIONS - SIMULATED CONDITIONS PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND SKY CONDITION CEILING AT ACCIDENT SITE UNKNOWN/NOT REPORTED 6000 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 5 OR OVER SNOW OBSTRUCTIONS TO VISION AT ACCIDENT SITE TEMPERATURE-F NONE 30 WIND DIRECTION-DEGREES WIND VELOCITY-KNOTS 240 6 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN VFR NONE REMARKS- DURING POWER OFF AUTOROTATIVE LOG PLT MADE IMPPOPER LEVEL OFF TOUCH DOWN.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2648	9/6/74 TIME - 1430	CANTON,MASS	BELL 47G4A N4034G DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 58, 15850 TOTAL HOURS, 11385 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - CANTON DEPARTURE POINT NORWOOD,MASS TYPE OF ACCIDENT HARD LANDING INTENDED DESTINATION RETURN LAST ENROUTE STOP CANTON,MASS PHASE OF OPERATION LANDING POWER-OFF AUTOROTATIVE LANDING PROBABLE CAUSE(S) DUAL STUDENT - MISJUDGED SPEED AND ALTITUDE PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - SIMULATED CONDITIONS EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP.T. REMARKS- PRACTICE AUTOROTATIVE LNDG.M/R BLADES STRUCK TAIL BOOM ON T/D.						
3-3584	10/3/74 TIME - 1100	MARSHFIELD,MASS	ENSTROM F-28A N4879 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 36, 3270 TOTAL HOURS, 870 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - MARSHFIELD DEPARTURE POINT BEVERLY,MASS TYPE OF ACCIDENT MISCELLANEOUS ROLL OVER INTENDED DESTINATION MARSHFIELD,MASS PHASE OF OPERATION LANDING OTHER LANDING POWER-OFF AUTOROTATIVE LANDING PROBABLE CAUSE(S) ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM CLUTCH ASSEMBLY MISCELLANEOUS ACTS,CONDITIONS - LOOSE,PART/FITTING MISCELLANEOUS ACTS,CONDITIONS - DISCONNECTED TERRAIN - ROUGH/UNEVEN FACTOR(S) PERSONNEL - PRODUCTION-DESIGN-PERSONNEL POOR/INADEQUATE DESIGN EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP.T. SUSPECTED MECHANICAL DISCREPANCY REMARKS- JAM NUT,AN316-5,LOOSE.ROD DISCONNECTED FM BELT TENSIONING ASSY RLSNG TENSION ON ROTOR DRIVE BELT.						
3-0786	4/12/74 TIME - 1801	FLINT,MICH	BELL 47G5 N8142J DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	NONCOMMERCIAL PRACTICE	PRIVATE, AGE 30, 118 TOTAL HOURS, 33 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT FLINT,MICH TYPE OF ACCIDENT ROLL OVER INTENDED DESTINATION LOCAL PHASE OF OPERATION TAKEOFF VERTICAL PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS REMARKS- ENG AND ROTOR RPM DROPPED BLO GREEN ARC,A/S ZERO.WIND GUSTING 25K.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0855	4/27/74 TIME - 1505	IMLAY CITY,MICH	HUGHES 269A-1 N8902F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 45, 91 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT TROY,MICH	INTENDED DESTINATION IMLAY CITY,MICH			PHASE OF OPERATION LANDING POWER-ON LANDING	
	TYPE OF ACCIDENT COLLIDED WITH OBJECT					
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS					
	REMARKS- T/R BLADE SEPARATED.T/R DRIVE SHAFT TWISTED.OBJECT STRUCK BY T/R NOT IDENTIFIED.					
3-1152	5/1/74 TIME - 1730	HART,MICH	BELL 47G N4734S DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS FERRY	COMMERCIAL, FL.INSTR., AGE 31, 2872 TOTAL HOURS, 2238 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT HART,MICH	INTENDED DESTINATION GREENVILLE,MICH			PHASE OF OPERATION TAKEOFF VERTICAL	
	TYPE OF ACCIDENT AIRFRAME FAILURE IN FLIGHT					
	PROBABLE CAUSE(S) ROTORCRAFT - FLIGHT CONTROL SYSTEMS CYCLIC PITCH CONTROL SYSTEM MISCELLANEOUS ACTS,CONDITIONS - MISSING					
	REMARKS- AN174-34 BOLT AND AN310-4 NUT MISSING FROM LAT CYCLIC CONTROL AT BELLCRANK 47-725-018-1.NOT FOUND					
3-2593	5/29/74 TIME - 1000	BELDING,MICH	EL TOMCAT I N73872 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, FL.INSTR., AGE 27, 1537 TOTAL HOURS, 900 IN TYPE, INSTRUMENT RATED.
	TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING				PHASE OF OPERATION TAKEOFF INITIAL CLIMB LANDING POWER-OFF AUTOROTATIVE LANDING	
	PROBABLE CAUSE(S) ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM MAIN ROTOR DRIVE SHAFT MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE					
	FACTOR(S) TERRAIN - WET,SOFT GROUND					
	EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND SUSPECTED MECHANICAL DISCREPANCY					
	REMARKS- PINION GEARS OF UPR SPIDER ASBLY PN 47-620-424-1 MN TRANS FAILD. ACFT NSED OVR.					

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA	
				F	S	M/N			
3-1928	6/27/74	DETROIT,MICH	BELL 47G-5A	CR-	2	0	0	MISCELLANEOUS	COMMERCIAL, AGE 25, 598
	TIME - 2257		N59399	PX-	0	0	0	POLICE PATROL	TOTAL HOURS, 378 IN TYPE,
			DAMAGE-DESTROYED	OT-	0	0	2		NOT INSTRUMENT RATED.
NAME OF AIRPORT - DETROIT CITY									
DEPARTURE POINT			INTENDED DESTINATION						
DETROIT,MICH			LOCAL						
TYPE OF ACCIDENT				PHASE OF OPERATION					
COLLISION WITH AIRCRAFT BOTH IN FLIGHT				IN FLIGHT OTHER					
PROBABLE CAUSE(S)									
PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT									
PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT									
FACTOR(S)									
MISCELLANEOUS ACTS,CONDITIONS - DISREGARD OF GOOD OPERATING PRACTICE									
TERRAIN - OTHER									
SPECIAL DATA									
SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV.									
CONTROLLING AGENCY - TOWER				RADAR CTL/SURVEILLANCE - NOT UNDER RADAR CONTACT					
TRAFFIC ADVISORY ISSUED - NONE				CONTROLLED/UNCONTROLLED AIRPORT - CONTROLLED AIRPORT					
CONTROL ZONE/AREA - YES				EVASIVE ACTION TAKEN - NO					
ANTI-COLLISION LIGHTS - OPERATING									
REMARKS- PATROL DUTY OVR DETROIT RIVER.LARGE BRIGHT WHITE LGT ON HELICOPTER IMMEDIATELY PRIOR TO COLLISION.									
3-1927	7/18/74	DETROIT,MICH	BELL 47J-2A	CR-	0	0	1	COMMERCIAL	COMMERCIAL, AGE 47, 8305
	TIME - 2300		N8525F	PX-	0	0	0	AIR TAXI-CARGO	TOTAL HOURS, 50 IN TYPE,
			DAMAGE-DESTROYED						NOT INSTRUMENT RATED.
NAME OF AIRPORT - DETROIT CITY									
DEPARTURE POINT			INTENDED DESTINATION						
PERRYSBURG,OHIO			DETROIT,MICH						
TYPE OF ACCIDENT				PHASE OF OPERATION					
PROPELLER/ROTOR FAILURE TAIL ROTOR				IN FLIGHT NORMAL CRUISE					
COLLISION WITH GROUND/WATER UNCONTROLLED				LANDING POWER-OFF AUTOROTATIVE LANDING					
PROBABLE CAUSE(S)									
ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM TAIL ROTOR DRIVE SHAFT ASSEMBLY									
MISCELLANEOUS ACTS,CONDITIONS - LACK OF LUBRICATION-SPECIFIC PART,NOT SYSTEM									
PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL									
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS									
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND									
REMARKS- TAIL ROTOR DRIVE SHORT SHAFT FAILED DUE TO SLIP JOINT COUPLING RUNNING DRY OF GREASE.									

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2328	7/26/74 TIME - 0850	WALKER, MICH	ENSTROM F-28A N9229 DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL MAPPING/PHOTO	COMMERCIAL, AGE 27, 2227 TOTAL HOURS, 3 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT GRAND RAPIDS, MICH TYPE OF ACCIDENT COLLISION WITH GROUND/WATER CONTROLLED PHASE OF OPERATION TAKEOFF INITIAL CLIMB 						
PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE, SPEED, ALTITUDE OR CLEARANCE PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT PILOT IN COMMAND - FAILED TO ABORT TAKEOFF PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. 						
FACTOR(S) TERRAIN - ROUGH/UNEVEN TERRAIN - HIGH OBSTRUCTIONS EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- ATMTD HI-PERFORMANCE TKOF OVR WIRES, UN TO MNTN RPM, SETTLED INTO MARSH, NOSED OVER.						
3-3074	9/21/74 TIME - 0920	PAW PAW, MICH	BELL 47G-2 N7893B DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 23, 1136 TOTAL HOURS, 335 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT PAW PAW, MICH TYPE OF ACCIDENT COLLISION WITH GROUND/WATER CONTROLLED PHASE OF OPERATION IN FLIGHT POWER-ON DESCENT 						
PROBABLE CAUSE(S) PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT PILOT IN COMMAND - MISJUDGED ALTITUDE 						
FACTOR(S) TERRAIN - GLASSY WATER MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER						
3-3989	11/23/74 TIME - 1408	GROSSE ILE, MICH	BENSEN B-8M N104RJ DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 31, 111 TOTAL HOURS, 44 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - GROSSE ILE DEPARTURE POINT GROSSE ILE, MICH TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION DITCHING INTENDED DESTINATION LOCAL PHASE OF OPERATION LANDING TRAFFIC PATTERN-CIRCLING LANDING LEVEL OFF/TOUCHDOWN 						
PROBABLE CAUSE(S) POWERPLANT - ENGINE STRUCTURE CRANKSHAFT 						
FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE 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- MCCULLOCH ENG. CRANKSHAFT BROKE IN FRONT OF CRANK JOURNAL.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3886	12/25/74 TIME - 1545	OTISVILLE,MICH	MCCULLOCH J2 N4384 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PRACTICE	COMMERCIAL, FL.INSTR., AGE 24, 2725 TOTAL HOURS, 36 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - RIX PORT DEPARTURE POINT INTENDED DESTINATION OTISVILLE,MICH LOCAL TYPE OF ACCIDENT PHASE OF OPERATION GROUND-WATER LOOP-SWERVE TAKEOFF RUN COLLIDED WITH DIRT BANK TAKEOFF RUN 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 - FAILED TO MAINTAIN DIRECTIONAL CONTROL FACTOR(S) PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SNOW ON RUNWAY REMARKS- AS THE PWR WAS REDUCED TO ABORT TKOF ACFT VEERED R.						
3-3400	8/5/74 TIME - 1850	MERIDAN,MINN	BELL 47G-2 N2870B DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 22, 334 TOTAL HOURS, 229 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION MERIDAN,MINN LOCAL TYPE OF ACCIDENT PHASE OF OPERATION ROLL OVER TAKEOFF INITIAL CLIMB PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS FACTOR(S) INSTRUMENTS/EQUIPMENT AND ACCESSORIES - MISCELLANEOUS EQUIPMENT SPRAY,DUSTING EQUIPMENT MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 334 KIND OF CROP - CORN PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED TANK/HOPPER-LOCATION - FORWARD OF PILOT ELEVATION-AREA BEING TREATED-FEET - 1148 REMARKS- DUMP VALVE SOLENOID PLUNGER HAD ACCUMULATION OF FERTILIZER.WOULD NOT OPERATE.						
KIND OF OPERATION - FERTILIZING (LIQUID) TYPE OF CHEMICAL USED - UNKNOWN/NOT REPORTED 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
3-4344	10/15/74 TIME - 1237	MOORHEAD, MINN	BELL 47G-5 N4064G DAMAGE-DESTROYED	CR- 1 0 0 PX- 2 0 0	COMMERCIAL CTR PASSG-D	COMMERCIAL, AGE 32, 3710 TOTAL HOURS, 2410 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT MINNEAPOLIS, MN	INTENDED DESTINATION FARGO, ND	LAST ENROUTE STOP MONTEVIDEO, MN		
		TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE TAIL ROTOR COLLISION WITH GROUND/WATER UNCONTROLLED		PHASE OF OPERATION IN FLIGHT NORMAL CRUISE IN FLIGHT NORMAL CRUISE		
PROBABLE CAUSE(S) ROTORCRAFT - ROTOR ASSEMBLIES TAIL ROTOR BLADES MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE PERSONNEL - MAINTENANCE, SERVICING, INSPECTION INADEQUATE MAINTENANCE AND INSPECTION						
FACTOR(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION INADEQUATE INSPECTION OF AIRCRAFT (OWNER-PILOT) MISCELLANEOUS ACTS, CONDITIONS - SEPARATION IN FLIGHT						
REMARKS- INFLIGHT SEPARATION OF TAIL ROTOR BLADE TOTAL TIME ON BLADE 426 HRS. AD 70-10-8 NOT CW.						
3-1564	6/4/74 TIME - 1350	WALLS, MISS	HUGHES 269A N8885F DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL. INSTR., AGE 26, 3110 TOTAL HOURS, 274 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - TWINKLE TOWN DEPARTURE POINT MEMPHIS, TENN	INTENDED DESTINATION LOCAL	PHASE OF OPERATION LANDING POWER-OFF AUTOROTATIVE LANDING		
		TYPE OF ACCIDENT NOSE OVER/DOWN				
PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE						
REMARKS- PLT LOWERED COLLECTIVE PRIOR TO FULL STOP DRG RUN-ON LDG. COPTER TILTED FWD, BLADE CUT TAIL.						
3-2213	7/10/74 TIME - 1909	EDWARDS, MISS	BELL 47J-2 N55CG DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0	COMMERCIAL POWER/PIPELINE	COMMERCIAL, FL. INSTR., AGE 41, 4853 TOTAL HOURS, 90 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT JACKSON, MISS	INTENDED DESTINATION VICKSBURG, MISS	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE		
		TYPE OF ACCIDENT AIRFRAME FAILURE IN FLIGHT				
PROBABLE CAUSE(S) ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM TAIL ROTOR GEAR BOX MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE FIRE AFTER IMPACT						
REMARKS- TAIL ROTOR GRBOX SHAFT PN 476452051.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2212	7/11/74 TIME - 0500	RALEIGH,MISS	BELL 47G-2 N4823 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS FERRY	COMMERCIAL, AGE 38, 6800 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT RALEIGH,MISS	INTENDED DESTINATION LOCAL	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE		
		TYPE OF ACCIDENT AIRFRAME FAILURE IN FLIGHT				
PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED						
REMARKS- PLT RPRTD LOSS OF AFT CTLS.TAIL ROTOR ASSY NOT RECOVERED						
3-0895	4/25/74 TIME - 1100	TARKIO,MO	BRANTLEY B-2 N5932X DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 32, 524 TOTAL HOURS, 8 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - PRIVATE FIELD	INTENDED DESTINATION LOCAL	PHASE OF OPERATION IN FLIGHT HOVERING		
		DEPARTURE POINT TARKIO,MO				
		TYPE OF ACCIDENT COLLIDED WITH BUILDING(S)				
PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT						
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		PRECIPITATION AT ACCIDENT SITE NONE		
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE		RELATIVE BEARING OF WIND TAIL WIND 158-202 DEGREES		
		WIND DIRECTION-DEGREES 180		WIND VELOCITY-KNOTS 15		
		TYPE OF WEATHER CONDITIONS VFR		TYPE OF FLIGHT PLAN NONE		
REMARKS- LAST HELICOPTER FLT AS PIC WAS 1969.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0363	2/24/74 TIME - 1530	CONRAD,MONT	BELL 47G3B1 N7936S DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	MISCELLANEOUS TEST	COMMERCIAL, AGE 39, 10170 TOTAL HOURS, 2045 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - CONRAD DEPARTURE POINT INTENDED DESTINATION CONRAD,MONT LOCAL TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT AUTOROTATIVE DESCENT HARD LANDING LANDING POWER-OFF AUTOROTATIVE LANDING PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE,SERVICING,INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL) POWERPLANT - ENGINE CONTROLS-COCKPIT THROTTLE-POWER LEVER ASSEMBLIES MISCELLANEOUS ACTS,CONDITIONS - IMPROPER ALIGNMENT/ADJUSTMENT 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- IDLE SPEED ADJUSTED TOO LOW. ENG QUIT DRG PRACTICE AUTOROTATIVE LDG. M/R BLADES STRUCK TAIL BOOM.						
3-1880	6/16/74 TIME - 0700	NR.LIMA,MONT	BELL 47G3B1 N7928S DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 22, 1725 TOTAL HOURS, 350 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION LIMA,MONT LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER CONTROLLED IN FLIGHT STARTING SWATH RUN PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING MISCELLANEOUS - VORTEX TURBULENCE SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 1725 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 - 7800 PROCEDURE TURNAROUND - THIRD 1/3 OF TURN REMARKS- PLT HIT OWN ROTOR WASH IN CALM WND. SPRAYING SAGE BRUSH.						
KIND OF OPERATION - SPRAYING CROPS TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTTOXIC GLOVES - NOT 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 F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3802	7/15/74 TIME - 1030	GLACIER PARK,MONT	HILLER ACFT FH1100 N711KH DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 42, 6000 TOTAL HOURS, 36 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT WEST GLACIER,MONT TYPE OF ACCIDENT HARD LANDING	INTENDED DESTINATION GLACIER PARK,MONT			PHASE OF OPERATION LANDING POWER-ON LANDING	
	PROBABLE CAUSE(S) WEATHER - SUDDEN WINDSHIFT FACTOR(S) PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN TERRAIN - ROUGH/UNEVEN WEATHER BRIEFING - NO BRIEFING RECEIVED WEATHER FORECAST - UNKNOWN/NOT REPORTED					
	SKY CONDITION CLEAR VISIBILITY AT ACCIDENT SITE 5 OR OVER OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE WIND DIRECTION-DEGREES 270 TYPE OF WEATHER CONDITIONS VFR				CEILING AT ACCIDENT SITE UNLIMITED PRECIPITATION AT ACCIDENT SITE NONE TEMPERATURE-F 45 WIND VELOCITY-KNOTS 10 TYPE OF FLIGHT PLAN NONE	
	REMARKS- LDG ON ROCK LEDGE.SLID INTO ROCKS.DMGD M/R BLADES.					

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0086	1/25/74	NR.WELLS,NEV	BELL 47G3B1	CR- 0 0 1	NONCOMMERCIAL	COMMERCIAL, FL.INSTR.,
	TIME - 1320		N73239	PX- 0 0 2	BUSINESS	AGE 28, 3517 TOTAL HOURS,
			DAMAGE-DESTROYED			597 IN TYPE, NOT INSTRU-
						MENT RATED.
		DEPARTURE POINT	INTENDED DESTINATION			
		WELLS,NEV	LOCAL			
		TYPE OF ACCIDENT			PHASE OF OPERATION	
		COLLIDED WITH TREES			LANDING GO-AROUND	
		PROBABLE CAUSE(S)				
		PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND				
		FACTOR(S)				
		WEATHER - DOWNDRAFT,UPDRAFTS				
		TERRAIN - HIGH OBSTRUCTIONS				
		WEATHER BRIEFING - UNKNOWN/NOT REPORTED				
		WEATHER FORECAST - UNKNOWN/NOT REPORTED				
		SKY CONDITION			CEILING AT ACCIDENT SITE	
		SCATTERED			UNLIMITED	
		VISIBILITY AT ACCIDENT SITE			PRECIPITATION AT ACCIDENT SITE	
		5 OR OVER			NONE	
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE			TEMPERATURE-F	
		NONE			20	
		WIND DIRECTION-DEGREES			WIND VELOCITY-KNOTS	
		225			15	
		TYPE OF WEATHER CONDITIONS			TYPE OF FLIGHT PLAN	
		VFR			NONE	
		REMARKS- PLT ATTEMPT LNDG ON MTN SADDLE,ENCOUNTERED SVR DNDRFT.GUST TO 25K.				

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0469	3/23/74 TIME - 0642	NR.BORDERTOWN,NEV	BELL 47G-3B N1136W DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 27, 4500 TOTAL HOURS, 1600 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT BORDERTOWN,NEV	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING	PHASE OF OPERATION IN FLIGHT EN ROUTE TO RELOADING AREA 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						
PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.						
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS						
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 - UNKNOWN/NOT REPORTED			KIND OF OPERATION - SEEDING CROPS			
KIND OF CROP - OTHER			TYPE OF CHEMICAL USED - DRY CHEMICAL-NONTOXIC			
PILOT'S SEAT BELT - FASTENED-PROPERLY			TANK/HOPPER-LOCATION - AFT OF PILOT			
TERRAIN-TYPE - ROLLING			ELEVATION-AREA BEING TREATED-FEET - 5822			
REMARKS- GRASS SEEDING.						
3-0967	4/24/74 TIME - 1515	NR.EAST DAYTON,NEV	ALOUETTE III N8259 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	COMMERCIAL MAPPING/PHOTO	COMMERCIAL, AGE 39, 7150 TOTAL HOURS, 160 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT EAST DAYTON,NEV	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT ROLL OVER	PHASE OF OPERATION TAKEOFF OTHER			
PROBABLE CAUSE(S)						
AIRFRAME - LANDING GEAR MAIN GEAR-SHOCK ABSORBING ASSY,STRUTS,ATTACHMENTS,ETC.						
MISCELLANEOUS ACTS,CONDITIONS - LEAK/LEAKAGE						
REMARKS- BELIEVE SHOCK STRUT COLLAPSED BFOR LIFT OFF.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1486	5/13/74 TIME - 1641	LAS VEGAS,NEV	HUGHES 269C N9631F DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	MISCELLANEOUS POLICE PATROL	COMMERCIAL, AGE 27, 454 TOTAL HOURS, 271 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT LAS VEGAS,NEV	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 VALVE ASSEMBLIES MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- NR 3 EXHST VALVE FAILED.PLT FLARED PREMATURELY TO AVOID CHILDREN ON BALL FLD.					
3-3804	5/27/74 TIME - 0100	LAS VEGAS,NEV	HUGHES 269B N9542F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL OTHER	COMMERCIAL, AGE 26, 3060 TOTAL HOURS, 920 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT LAS VEGAS,NEV	INTENDED DESTINATION LOCAL				
	TYPE OF ACCIDENT AIRFRAME FAILURE IN FLIGHT			PHASE OF OPERATION IN FLIGHT NORMAL CRUISE		
	PROBABLE CAUSE(S) AIRFRAME - FLIGHT CONTROL SURFACES HORIZONTAL STABILIZER, ATTACHMENTS MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- LOCAL SIGHTSEEING. HORIZ STAB FAILED. ACFT LNDD SAFELY. PN 2516.					

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2155	7/5/74	NR.RENO,NEV TIME - 0545	BELL 206B N206DB DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL CTR CARGO-D	ATR,FLIGHT INSTR., AGE 29, 2212 TOTAL HOURS, 2057 IN TYPE, NOT INSTRU- MENT RATED.
		DEPARTURE POINT RENO,NEV	INTENDED DESTINATION UNKNOWN/NOT REPORTED			
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	UNCONTROLLED	PHASE OF OPERATION IN FLIGHT OTHER		
PROBABLE CAUSE(S)						
PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS						
WEATHER - UNFAVORABLE WIND CONDITIONS						
WEATHER - DOWNDRAFT,UPDRAFTS						
FACTOR(S)						
WEATHER - HIGH DENSITY ALTITUDE						
TERRAIN - HIGH OBSTRUCTIONS						
MISCELLANEOUS ACTS,CONDITIONS - JETTISONED LOAD						
WEATHER BRIEFING - NO BRIEFING RECEIVED						
WEATHER FORECAST - UNKNOWN/NOT REPORTED						
		SKY CONDITION CLEAR	CEILING AT ACCIDENT SITE UNLIMITED			
		VISIBILITY AT ACCIDENT SITE 5 OR OVER	PRECIPITATION AT ACCIDENT SITE NONE			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE	TEMPERATURE-F 55			
		WIND DIRECTION-DEGREES 270	WIND VELOCITY-KNOTS 25			
		TYPE OF WEATHER CONDITIONS VFR	TYPE OF FLIGHT PLAN NONE			
REMARKS- SLING LOAD OPERATION WITH HIGH DOWNSLOPE WIND COND.DA ABT 10500FT.VERT TKOF,TURNED R FOR EAST DEP.						
3-3201	9/7/74	NR.RENO,NEV TIME - 1245	BENSEN B-8M N8183 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PRACTICE	COMMERCIAL, AGE 29, 4040 TOTAL HOURS, 5 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - STEAD				
		DEPARTURE POINT RENO,NEV	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT AIRFRAME FAILURE	IN FLIGHT	PHASE OF OPERATION IN FLIGHT LOW PASS		
PROBABLE CAUSE(S)						
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS						
PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING						
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE						
FACTOR(S)						
MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT						
REMARKS- RUDDER SEPARATED INFLIGHT DUE TO ROTOR BLADE CONTACT.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1155	4/20/74 TIME - 1700	HEWITT,NJ	BELL 206B N4FL DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 55, 4920 TOTAL HOURS, 28 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - NAIROBI DEPARTURE POINT HEWITT,NJ TYPE OF ACCIDENT ROLL OVER PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS OTHER REMARKS- HELIPAD 3-5DEG SLOPE. PURPOSE TO MOVE ACFT FM HELIPAD TO HANGAR.						
3-2223	6/18/74 TIME - 1030	IMLAYSTOWN,NJ	BELL 47G N7886S DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 37, 1545 TOTAL HOURS, 110 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT IMLAYSTOWN,NJ TYPE OF ACCIDENT COLLISION WITH GROUND/WATER UNCONTROLLED PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. 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 - AFT OF PILOT ELEVATION-AREA BEING TREATED- FEET - 100						
PHASE OF OPERATION TAXI AERIAL TAXI, OTHER PHASE OF OPERATION IN FLIGHT SWATH RUN KIND OF OPERATION - DUSTING CROPS TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC GLOVES - NOT USED CRASH HELMET - NOT AVAILABLE 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
3-1725	6/22/74 TIME - 1320	TETERBORO,NJ	ENSTROM F-28A N9591 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 50, 55 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - TETERBORO DEPARTURE POINT INTENDED DESTINATION TETERBORO,NJ LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER UNCONTROLLED LANDING FINAL APPROACH PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. FACTOR(S) WEATHER - UNFAVORABLE WIND CONDITIONS SKY CONDITION CEILING AT ACCIDENT SITE CLEAR UNLIMITED VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 5 OR OVER NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE TYPE OF WEATHER CONDITIONS NONE VFR TYPE OF FLIGHT PLAN NONE REMARKS- ENCNRD QUARTERING TAILWIND DRG APCH.						
3-2486	6/22/74 TIME - 1800	VINCENTOWN,NJ	BRANTLY B-2B N2192U DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS DEMONSTRATION	COMMERCIAL, FL.INSTR., AGE 31, 600 TOTAL HOURS, 89 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - RED LION DEPARTURE POINT INTENDED DESTINATION VINCENTOWN,NJ LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER UNCONTROLLED TAKEOFF ABORTED PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - MISJUDGED DISTANCE,SPEED,ALTITUDE OR CLEARANCE PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS HIGH VEGETATION TERRAIN - HIGH OBSTRUCTIONS REMARKS- ATMTD MAX PERFORMANCE TKOF OVR 60FT TREES.LOST RPM,T/D IN 30DEG R SKID.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2224	7/16/74 TIME - 1045	TRENTON,NJ	HELICORP D N8219 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS TEST	PRIVATE, AGE 38, 323 TOTAL HOURS, 0 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - MERCER CO DEPARTURE POINT INTENDED DESTINATION TRENTON,NJ LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER UNCONTROLLED TAKEOFF VERTICAL PROBABLE CAUSE(S) PERSONNEL - PRODUCTION-DESIGN-PERSONNEL POOR/INADEQUATE DESIGN PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC. PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT AIRFRAME - FLIGHT CONTROL SURFACES OTHER REMARKS- FLT CTLs NOT IN TRIM,PLT UN TO COUNTER COND ACFT ROLLED TO L.FIRST FLT.						
3-2652	9/10/74 TIME - 0930	MOONACHIE,NJ	BELL 206B N59563 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL CORP/EXEC	AIRLINE TRANSPORT, AGE 26, 4705 TOTAL HOURS, 1600 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - MOONACHIE TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION LANDING FINAL APPROACH COLLIDED WITH BUILDING(S) LANDING POWER-OFF AUTOROTATIVE LANDING PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS PILOT IN COMMAND - MISJUDGED CLEARANCE FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP.T. REMARKS- HIT STEEL A FRAME.						
3-2700	9/24/74 TIME - 2215	COLONIA,NJ	BELL 206B N500WL DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG S-D	COMMERCIAL, AGE 27, 1712 TOTAL HOURS, 252 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION PHILADELPHIA,PA NEWARK,NJ TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT NORMAL CPUISE COLLIDED WITH WIRES/POLES 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 TERRAIN - HIGH OBSTRUCTIONS COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- LNDG IN LIGHTED PARKING LOT,HIT ELECT WIRE.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3106	10/29/74	BRIDGEPORT,NJ	HILLER ACFT FH1100 N372FH	CR- 0 0 1 PX- 0 0 3	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 26, 2750 TOTAL HOURS, 10 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT SALEM,NJ			DAMAGE-SUBSTANTIAL INTENDED DESTINATION NEWARK,NJ			
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) PERSONNEL - MAINTENANCE,SERVICING,INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL) ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM TAIL ROTOR GEAR BOX MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY INSTALLED EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND DIRECTIONAL CONTROL PROBLEM SUSPECTED MECHANICAL DISCREPANCY						
REMARKS- TAIL ROTOR GR BOX ASSY P/N 24-25000-15 PITCH CHANGER BEARING RETAINER BOLT LOOSE.ASSY ROTATED.						
3-0944	4/30/74	NR.FARMINGTON,N MEX	BELL 47G3B2 N58131	CR- 0 0 1 PX- 0 0 2	COMMERCIAL CONSTRUCTION	AIRLINE TRANSPORT, AGE 26, 3685 TOTAL HOURS, 1500 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT FARMINGTON,N MEX			INTENDED DESTINATION FOUR CORNERS,N MEX			
TYPE OF ACCIDENT HARD LANDING					PHASE OF OPERATION LANDING OTHER	
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 - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT WEATHER - HIGH DENSITY ALTITUDE WEATHER BRIEFING - UNKNOWN/NOT REPORTED						
SKY CONDITION SCATTERED			CEILING AT ACCIDENT SITE UNLIMITED			
VISIBILITY AT ACCIDENT SITE 5 OR OVER			PRECIPITATION AT ACCIDENT SITE NONE			
OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE			TYPE OF WEATHER CONDITIONS VFR			
TYPE OF FLIGHT PLAN NONE						
REMARKS- HOVERING OUT OF GROUND EFFECT.LOST ROTOR RPM. DENSITY ALT ABT 6000 FT.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0935	5/11/74	NR.CERRILLOS,N MEX	BENSEN B-8M N24836 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 29, 53 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT CERRILLOS,N MEX	INTENDED DESTINATION LOCAL		PHASE OF OPERATION IN FLIGHT UNCONTROLLED DESCENT	
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	UNCONTROLLED			
		PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED				
		REMARKS- LOSS OF CTL FOR UNDET REASON.				
3-2277	6/14/74	LUNA,N MEX	HUGHES 369HS N9134F DAMAGE-DESTROYED	CR- 0 0 3 PX- 0 0 0	COMMERCIAL ASSOC FIRE CTL ACTIVITY	COMMERCIAL, AGE 27, 3260 TOTAL HOURS, 362 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT HANNAGAN MDWS,ARIZ	INTENDED DESTINATION LOCAL		PHASE OF OPERATION LANDING FINAL APPROACH LANDING POWER-OFF AUTOROTATIVE LANDING	
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH TREES				
		PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS PILOT IN COMMAND - SPONTANEOUS-IMPROPER ACTION				
		FACTOR(S) WEATHER - UNFAVORABLE WIND CONDITIONS WEATHER - HIGH DENSITY ALTITUDE TERRAIN - HIGH OBSTRUCTIONS WEATHER BRIEFING - NO BRIEFING RECEIVED WEATHER FORECAST - UNKNOWN/NOT REPORTED				
		SKY CONDITION SCATTERED			CEILING AT ACCIDENT SITE UNLIMITED	
		VISIBILITY AT ACCIDENT SITE 5 OR OVER			PRECIPITATION AT ACCIDENT SITE NONE	
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE			TEMPERATURE-F 70	
		TYPE OF WEATHER CONDITIONS VFR			TYPE OF FLIGHT PLAN NONE	
		REMARKS- VAR GUSTY WINDS,TURBC,DA 9500FT.LDG NR FOREST FIRE.THUGHT T/R FAIL,SECURED ENG.HIT TREE DRG DSCT.				

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2640	7/29/74 TIME - 1830	MESQUITE,N MEX	BELL 47G3B2 N4730R DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS TEST	COMMERCIAL, AGE 25, 2449 TOTAL HOURS, 0 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT MESQUITE,N MEX TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING	INTENDED DESTINATION LOCAL		PHASE OF OPERATION TAKEOFF VERTICAL LANDING POWER-OFF AUTOROTATIVE LANDING		
	PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT PILOT IN COMMAND - IMPROPER LEVEL OFF PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- FIRST FLT IN BELL 47.					
3-3329	8/20/74 TIME - 0930	NR.RED HILL,N MEX	BELL 212 N83033 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 7	COMMERCIAL CONSTRUCTION	COMMERCIAL, AGE 28, 4267 TOTAL HOURS, 440 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT SPRINGVILLE,ARIZ TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE HARD LANDING	INTENDED DESTINATION RED HILL,N MEX	TAIL ROTOR	PHASE OF OPERATION LANDING POWER-ON LANDING LANDING LEVEL OFF/TOUCHDOWN		
	PROBABLE CAUSE(S) ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM TAIL ROTOR DRIVE SHAFT ASSEMBLY MISCELLANEOUS ACTS,CONDITIONS - DISCONNECTED MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY INSTALLED PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION TERRAIN - ROUGH/UNEVEN TERRAIN - HIGH OBSTRUCTIONS EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- T/R DRIVE SHAFT COUPLING FAILED.					
3-3668	12/17/74 TIME - 1140	ALBUQUERQUE,N MEX	BELL 47G3B2 N4730R DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	MISCELLANEOUS FERRY	COMMERCIAL, AGE 29, 3950 TOTAL HOURS, 1500 IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIRPORT - ALBUQUERQUE INTL DEPARTURE POINT ALBUQUERQUE,N MEX TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	INTENDED DESTINATION LOCAL	UNCONTROLLED	PHASE OF OPERATION TAKEOFF VERTICAL		
	PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING REMARKS- TIEDOWN CHAIN NOT REMOVED FROM SKID BFOR TKOF FROM TRANSPORTER.					

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0515	3/24/74 TIME - 1300	STORMVILLE,NY	SCORPION 1 N1580 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PRACTICE	PRIVATE, AGE 42, 180 TOTAL HOURS, 22 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - STORMVILLE DEPARTURE POINT INTENDED DESTINATION STORMVILLE,NY LOCAL TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT OTHER HARD LANDING LANDING POWER-OFF AUTOROTATIVE LANDING PROBABLE CAUSE(S) POWERPLANT - IGNITION SYSTEM COILS PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT. REMARKS- FAULTY ENG IGNITN COIL. DMGD ROTOR SYSTM, TAIL BOOM AND L LDG SKID.						
3-0637	3/29/74 TIME - 1315	NEW ROCHELLE,NY	BELL 206B N144CB DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 30, 4818 TOTAL HOURS, 1770 IN TYPE, NOT INSTRU- MENT RATED.
DEPARTURE POINT INTENDED DESTINATION OXFORD,CONN NEW YORK,NY TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT OTHER HARD LANDING LANDING POWER-OFF AUTOROTATIVE LANDING PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC. POWERPLANT - MISCELLANEOUS OTHER PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. FACTOR(S) WEATHER - SNOW COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE WEATHER BRIEFING - BRIEFING RECEIVED-METHOD UNKNOWN WEATHER FORECAST - UNKNOWN/NOT REPORTED EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND SKY CONDITION CEILING AT ACCIDENT SITE OBSCURATION 1000 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 1/4 MILE OR LESS SNOW OBSTRUCTIONS TO VISION AT ACCIDENT SITE TEMPERATURE-F UNKNOWN/NOT REPORTED 20 WIND DIRECTION-DEGREES WIND VELOCITY-KNOTS 45 5 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN VFR NONE REMARKS- FLT OPN IN FALLING OR BLOWING SNOW WHEN VIS 1/2 MI.RPTD WX 1/4 MI VIS,HVY SNOW.NOT EOPD RE-IGNITER						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1523	6/2/74 TIME - 1000	MONTGOMERY,NY	BELL 206B N55G DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 33, 620 TOTAL HOURS, 240 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT MARATHON,NY TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING	INTENDED DESTINATION SPRING VALLEY,NY			PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING POWER-OFF AUTOROTATIVE LANDING	
	PROBABLE CAUSE(S) PILOT IN COMMAND - MISMANAGEMENT OF FUEL 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 REMARKS- INSUFFICIENT FUEL REMAINING TO SUSTAIN FLT.					
3-2109	6/8/74 TIME - 1630	PALERMO,NY	BELL 47D1 N210B DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 36, 1919 TOTAL HOURS, 1807 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT WATERLOO,NY 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 PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN PILOT IN COMMAND - MISJUDGED CLEARANCE FACTOR(S) TERRAIN - HIGH VEGETATION					
	SPECIAL DATA TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED KIND OF CROP - UNKNOWN/NOT REPORTED PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED CRASH HELMET - AVAILABLE-NOT USED TERRAIN-TYPE - LEVEL,FLAT REMARKS- SPRAY BOOM CAUGHT TALL GRASS ON TKOF.M/R BLADES HIT GND.PLT SURVEYING FLD FOR FUTURE OPN.					
	KIND OF OPERATION - SPRAYING CROPS TYPE OF CHEMICAL USED - UNKNOWN/NOT REPORTED GOGGLES - NOT USED TANK/HOPPER-LOCATION - FORWARD OF PILOT					

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1727	6/11/74 TIME - 1015	GARDEN CITY,NY	BELL 47G-2 N6173 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL TRAINING	COMMERCIAL, FL.INSTR., AGE 24, 1650 TOTAL HOURS, 55 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - ISLAND HELIPORT DEPARTURE POINT INTENDED DESTINATION GARDEN CITY,NY LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH BUILDING(S) TAKEOFF VERTICAL PROBABLE CAUSE(S) COPILOT - MISJUDGED CLEARANCE PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS REMARKS- HIT VENT PIPE ON HANGAR.						
3-1403	6/21/74 TIME - 1517	BROOKLYN,NY	BELL 206A N4797R DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	MISCELLANEOUS OTHER PUBLIC	ATR,FLIGHT INSTR., AGE 43, 4680 TOTAL HOURS, 905 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION NEW YORK,NY JAMAICA,NY TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT OTHER HARD LANDING LANDING POWER-OFF AUTOROTATIVE LANDING PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS POWERPLANT - MISCELLANEOUS OTHER MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE FACTOR(S) WEATHER - THUNDERSTORM ACTIVITY MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER TERRAIN - ROUGH WATER PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE WEATHER BRIEFING - SELF-HELP,PILOT CHECKED WEATHER DATA WEATHER FORECAST - WEATHER CONSIDERABLY WORSE THAN FORECAST EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER SKY CONDITION CEILING AT ACCIDENT SITE BROKEN/LOWER SCATTERED 2800 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 1/2 MILE OR LESS THUNDERSTORM, RAIN SHOWERS OBSTRUCTIONS TO VISION AT ACCIDENT SITE TEMPERATURE-F HAZE 72 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN VFR NONE REMARKS- ENGINE POWER LOSS DUE TO WATER INGESTION.INFLATABLE FLOATS MOUNTED ON SKIDS.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3596	6/30/74 TIME - 1400	MONROE,NY	ENSTROM F-28A N19BW DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 28, 262 TOTAL HOURS, 32 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT TETERBORO,NJ	INTENDED DESTINATION ORANGE COUNTY,NY			PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN	
	TYPE OF ACCIDENT ROLL OVER					
	PROBABLE CAUSE(S) PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN					
	FACTOR(S) TERRAIN - OTHER PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G. EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT AIRFRAME BUFFET					
	REMARKS- LNDD NR TOP OF MTN ON 30DEG SLOPE.OVR MAX GWT.CAUSE OF BUFFET NOT DETERMINED.					
3-1726	7/7/74 TIME - 0830	DEAD HORSE BAY,NY	BELL 47G-4A N7924J DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL TRAINING	COMMERCIAL, FL.INSTR., AGE 33, 1316 TOTAL HOURS, 435 IN TYPE, NOT INSTRU- MENT RATED.
	NAME OF AIRPORT - DEAD HORSE BAY					
	DEPARTURE POINT FLOYD BENNETT FLD,NY	INTENDED DESTINATION LOCAL			PHASE OF OPERATION LANDING POWER-OFF AUTOROTATIVE LANDING	
	TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	CONTROLLED				
	PROBABLE CAUSE(S) COPILOT - MISJUDGED SPEED AND ALTITUDE PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT					
	REMARKS- TAIL ROTOR HIT WATER. SHORT SHAFT HIT MN ROTOR BLADE.					
3-2962	8/5/74 TIME - 1710	GARDEN CITY,NY	ENSTROM F-28A N9259 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL OTHER	COMMERCIAL, FL.INSTR., AGE 25, 1140 TOTAL HOURS, 32 IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIRPORT - ISLAND HELIPORT					
	DEPARTURE POINT GARDEN CITY,NY	INTENDED DESTINATION LOCAL			PHASE OF OPERATION TAKEOFF VERTICAL	
	TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	UNCONTROLLED				
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.					
	REMARKS- MAX PERFORMANCE TAKEOFF,LOST ROTOR RPM,SETTLED INTO GROUND,STRUCK FENCE,FLT FOR RR TRACK PATROL.					

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3147	9/12/74 TIME - 1530	GROVELAND,NY	HUGHES 269A N8733F DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 24, 924 TOTAL HOURS, 631 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT GROVELAND,NY	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	CONTROLLED	PHASE OF OPERATION IN FLIGHT PROCEDURE TURNAROUND		
PROBABLE CAUSE(S) PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT						
SPECIAL DATA						
TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED			KIND OF OPERATION - SPRAYING CROPS			
KIND OF CROP - CORN			TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTXIC			
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 - 662			PROCEDURE TURNAROUND - SECOND 1/3 OF TURN			
REMARKS- DISTRACTED BY A BEE,HIT DIRT BANK.LOW LEVEL TURN.						
3-4331	10/15/74 TIME - 1540	GARDEN CITY,NY	BELL 206 N1430 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 26, 3000 TOTAL HOURS, 910 IN TYPE, NOT INSTRU- MENT RATED.
		NAME OF AIRPORT - ISLAND HELIPORT				
		DEPARTURE POINT GARDEN CITY,NY	INTENDED DESTINATION NEW YORK,NY			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION	PHASE OF OPERATION TAKEOFF INITIAL CLIMB			
		HARD LANDING	LANDING POWER-OFF AUTOROTATIVE LANDING			
PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP.T.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4332	11/24/74 TIME - 1702	FREEPORT,NY	HILLER FH1100 N601PD DAMAGE-DESTROYED	CR- 0 2 0 PX- 1 1 0	MISCELLANEOUS POLICE PATROL	COMMERCIAL, AGE 44, 3499 TOTAL HOURS, 2465 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT BETHPAGE,NY	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT AIRFRAME FAILURE IN FLIGHT COLLISION WITH GROUND/WATER	UNCONTROLLED	PHASE OF OPERATION IN FLIGHT POWER-ON DESCENT IN FLIGHT UNCONTROLLED DESCENT		
PROBABLE CAUSE(S) 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- DURING LNDG APCH AFT TAIL BOOM SEPARATED.PREEXISTING FATIGUE CRACKS FOUND IN TAIL FIN SPAR CHANNEL						
3-0063	1/12/74 TIME - 1250	KNIGHTDALE,NC	BELL 47G-5 N8563F DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 33, 395 TOTAL HOURS, 325 IN TYPE, NOT INSTRU- MENT RATED.
		NAME OF AIRPORT - DIRT ROAD DEPARTURE POINT KNIGHTDALE,NC	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT AIRFRAME FAILURE ON GROUND		PHASE OF OPERATION LANDING ROLL		
PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS						
REMARKS- FULL BACK CYCLIC CTL. MN ROTOR HIT TAIL ROTOR DRIVE SHAFT.						
3-1704	6/19/74 TIME - 0930	REIDSVILLE,NC	HUGHES 269B N5918F DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 41, 600 TOTAL HOURS, 200 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - WARFS DEPARTURE POINT EDEN,NC	INTENDED DESTINATION LOCAL			
		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) TERRAIN - HIGH OBSTRUCTIONS PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT						
FIRE AFTER IMPACT						
REMARKS- BOYS ON BRIDGE WAVED TO HELICOPTER.MAN WEARING GLASSES WAVING BACK WHEN ACFT HIT WIRES.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1844	7/7/74 TIME - 0930	SHELBY,NC	HUGHES 269A N8934F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 43, 180 TOTAL HOURS, 116 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT SHELBY,NC	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	CONTROLLED	PHASE OF OPERATION IN FLIGHT SWATH RUN		
PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE						
SPECIAL DATA						
		TOTAL HOURS IN CROP CONTROL - 180		KIND OF OPERATION - DUSTING CROPS		
		KIND OF CROP - COTTON		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 - 850		SWATH RUN-HOW FLOWN - WIND CALM		
REMARKS- STRUCK A TERRACE IN DENSE COTTON.						
3-2020	7/12/74 TIME - 1720	CHARLOTTE,NC	BELL 47G-5 N7089J DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 44, 1255 TOTAL HOURS, 1058 IN TYPE, NOT INSTRU- MENT RATED.
		NAME OF AIRPORT - DELTA				
		DEPARTURE POINT CHARLOTTE,NC	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						
REMARKS- MN ROTOR BLADE HIT TAIL ROTOR DRIVE SHAFT AND TAIL BOOM.						
3-0573	4/6/74 TIME - 1800	MARION,OHIO	ENSTROM F28A N1150R DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 50, 680 TOTAL HOURS, 105 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT MARION,OHIO	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES		PHASE OF OPERATION LANDING POWER-ON LANDING		
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS						
FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS						
REMARKS- FLT TO INSPECT JOB SITE,DRG LGD APCH STRUCK TWO 1/4 IN PWR LINES.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2355	5/21/74 TIME - 1015	CIRCLEVILLE, OHIO	BELL 47D1 N157B DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 28, 1140 TOTAL HOURS, 923 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT CIRCLEVILLE, OHIO			INTENDED DESTINATION LOCAL		PHASE OF OPERATION TAKEOFF INITIAL CLIMB 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 - IMPROPER OPERATION OF FLIGHT CONTROLS						
FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - RPM-UNCONTROLLABLE-OVERSPEED POWERPLANT - ENGINE CONTROLS-COCKPIT THROTTLE-POWER LEVER ASSEMBLIES EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 900 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 - 945						
			KIND OF OPERATION - SPRAYING CROPS TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC GLOVES - NOT USED CRASH HELMET - AVAILABLE-NOT USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - LEVEL, FLAT SWATH RUN-HOW FLOWN - WIND CALM			
REMARKS- UNWANTED NEEDLE SPLIT. INCR IN PWR CAUSED ENG OVSPEED. UN CK THROTTLE RIGGING. TAIL LOW LDG.						
3-2250	6/2/74 TIME - 1902	CUSTAR, OHIO	HILLER ACFT UH-12B N6744C DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 1 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 26, 2100 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT CUSTAR, OHIO			INTENDED DESTINATION LOCAL		PHASE OF OPERATION IN FLIGHT NORMAL CRUISE IN FLIGHT UNCONTROLLED DESCENT	
TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE TAIL ROTOR COLLISION WITH GROUND/WATER UNCONTROLLED						
PROBABLE CAUSE(S) INSTRUMENTS/EQUIPMENT AND ACCESSORIES - MISCELLANEOUS EQUIPMENT SPRAY, DUSTING EQUIPMENT MISCELLANEOUS ACTS, CONDITIONS - IMPROPERLY INSTALLED MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE ROTORCRAFT - ROTOR ASSEMBLIES OTHER MISCELLANEOUS - FOREIGN OBJECT DAMAGE MISCELLANEOUS ACTS, CONDITIONS - INTERFERENCE WITH FLIGHT CONTROLS						
SPECIAL DATA TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED KIND OF CROP - UNKNOWN/NOT REPORTED CRASH HELMET - AVAILABLE-NOT USED FIRE AFTER IMPACT						
			KIND OF OPERATION - DEFOLIATION (LIQUID) PILOT'S SEAT BELT - FASTENED-PROPERLY TANK/HOPPER-LOCATION - AFT OF PILOT			
REMARKS- SPRAY BOOM INSTALLATION FAILED STRUCK TAIL ROTOR						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4003	7/8/74 TIME - 1815	NR.WAUSEON,OHIO	BELL 47G-5 N4041G DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 32, 2973 TOTAL HOURS, 2196 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT WAUSEON,OHIO	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLISION WITH GROUND/WATER	CONTROLLED	PHASE OF OPERATION IN FLIGHT PROCEDURE TURNAROUND IN FLIGHT PROCEDURE TURNAROUND		
PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION						
FACTOR(S) 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						
SPECIAL DATA TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED KIND OF CROP - CORN PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - NOT USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - LEVEL,FLAT SWATH RUN-HOW FLOWN - WIND CALM						
KIND OF OPERATION - FERTILIZING (LIQUID) TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTTOXIC GLOVES - USED CRASH HELMET - AVAILABLE-USED TANK/HOPPER-LOCATION - SIDES ELEVATION-AREA BEING TREATED-FEET - 700 PROCEDURE TURNAROUND - SECOND 1/3 OF TURN						
REMARKS- WHEN FUEL CKD ACFT PARKED L SIDE LOW.ACCURACY OF FUEL INDICATING SYS REQUIRES LVL ATTITUDE.						
3-4267	10/7/74 TIME -	BOSWORTH,OHIO	HUGHES 369HS N9204F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PRACTICE	COMMERCIAL, AGE 31, 2200 TOTAL HOURS, 105 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - BOSWORTH DEPARTURE POINT MANSFIELD,OHIO	INTENDED DESTINATION AVON,OHIO	LAST ENROUTE STOP BOSWORTH,OHIO		
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING		PHASE OF OPERATION IN FLIGHT STARTING SWATH RUN IN FLIGHT AUTOROTATIVE DESCENT		
PROBABLE CAUSE(S) MISCELLANEOUS ACTS,CONDITIONS - SIMULATED CONDITIONS PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.						
REMARKS- PLT INITIATED A PWR ON RCVRY FRM PRACTICE AUTOROTATION.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0636	2/16/74 TIME - 1700	BOISE CITY, OKLA	HUGHES 269C N8975F DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0 OT- 1 1 0	MISCELLANEOUS FERRY	COMMERCIAL, AGE 30, 1700 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - BOISE CITY MUNI DEPARTURE POINT INTENDED DESTINATION BOISE CITY, OKLA LAMAR, COLO TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH AIRCRAFT BOTH IN FLIGHT TAKEOFF INITIAL CLIMB PROBABLE CAUSE(S) PILOT IN COMMAND - EXERCISED POOR JUDGMENT MISCELLANEOUS ACTS, CONDITIONS - DISREGARD OF GOOD OPERATING PRACTICE PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT FACTOR(S) PILOT IN COMMAND - FAILED TO USE OR INCORRECTLY USED MISC. EQUIPMENT SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN. AV. - SMALL US GEN. AV. CONTROLLING AGENCY - NO CONTROL RADAR CTL/SURVEILLANCE - NOT UNDER RADAR CONTACT TRAFFIC ADVISORY ISSUED - OTHER CONTROLLED/UNCONTROLLED AIRPORT - UNCONTROLLED AIRPORT CONTROL ZONE/AREA - NO CONVERGENCE ANGLE-DEGREES - 0 HORIZONTAL COLLISION ANGLE-DEGREES - 0 VERTICAL COLLISION ANGLE-DEGREES - 0 EVASIVE ACTION TAKEN - NO ANTI-COLLISION LIGHTS - INSTALLED, OPERATION UNKNOWN REMARKS- CLIMBING L TURN ACROSS ACTIVE RWY. NOT MONITORING UNICOM. HIT ACFT ON FINAL APCH.						
3-2808	6/19/74 TIME - 2000	ZAFRA, OKLA	EL TOMCAT 47 N4227A DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 37, 6800 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION ZAFRA, OKLA LOCAL TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT SWATH RUN COLLIDED WITH TREES 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 SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 600 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 - USED CRASH HELMET - AVAILABLE-USED COCKPIT CRASHPAD - INSTALLED CRASH BAR - INSTALLED TANK/HOPPER-LOCATION - SIDES TERRAIN-TYPE - HILLY ELEVATION-AREA BEING TREATED- FEET - 1600 SWATH RUN-HOW FLOWN - WIND CALM REMARKS- NO ENG MLFNCTN FND DRNG INVSTGTN						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1961	7/24/74 TIME - 1855	BOISE CITY, OKLA	AIR & SPACE 18A N6121S DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 38, 99 TOTAL HOURS, 35 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT BOISE CITY, OKLA TYPE OF ACCIDENT HARD LANDING GEAR COLLAPSED PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN FACTOR(S) TERRAIN - WET, SOFT GROUND MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE REMARKS- LND IN FARM FLD.						
3-0312	3/5/74 TIME - 0720	MT HOOD, OREG	HILLER ACFT UH-12E N5367V DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL CONSTRUCTION	COMMERCIAL, AGE 24, 891 TOTAL HOURS, 176 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - WOODS DEPARTURE POINT MT HOOD, OREG TYPE OF ACCIDENT COLLISION WITH GROUND/WATER UNCONTROLLED PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING ROTORCRAFT - MISCELLANEOUS UNITS AND ASSEMBLIES OTHER MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS REMARKS- PLT DID NOT RETRACT 50FT CABLE AND HOOK. HOOK CAUGHT ON TREES DURING LDG AND UPSET HELICOPTER.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0730	3/18/74 TIME - 1015	SUBLIMITY, OREG	HILLER ACFT UH-12E N9749C DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 42, 2750 TOTAL HOURS, 1500 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT SUBLIMITY, OREG	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH DITCHES	PHASE OF OPERATION IN FLIGHT PROCEDURE TURNAROUND LANDING POWER-OFF AUTOROTATIVE LANDING			
PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS						
FACTOR(S) TERRAIN - ROUGH/UNEVEN						
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE						
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
SPECIAL DATA						
TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED			KIND OF OPERATION - SPRAYING FORESTS			
KIND OF CROP - COTTON			TYPE OF CHEMICAL USED - DRY CHEMICAL-TOXIC			
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED			GLOVES - 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 - 1100			SWATH RUN-HOW FLOWN - UPWIND			
PROCEDURE TURNAROUND - SECOND 1/3 OF TURN						
3-0934	3/22/74 TIME - 1130	CORVALLIS, OREG	SIKORSKY S-55B N5663 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 35, 3888 TOTAL HOURS, 336 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT CORVALLIS, OREG	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING	PHASE OF OPERATION IN FLIGHT EN ROUTE TO TREAT CROP LANDING POWER-OFF AUTOROTATIVE LANDING			
PROBABLE CAUSE(S) PILOT IN COMMAND - MISMANAGEMENT OF FUEL						
MISCELLANEOUS ACTS, CONDITIONS - FUEL STARVATION						
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						
SPECIAL DATA						
TOTAL HOURS IN CROP CONTROL - 25			KIND OF OPERATION - FERTILIZING (DUST)			
KIND OF CROP - GRAIN FIELDS			TYPE OF CHEMICAL USED - DRY CHEMICAL-NONTXIC			
PILOT'S SEAT BELT - FASTENED-PROPERLY			GOGGLES - USED			
COCKPIT CRASHPAD - INSTALLED			CRASH BAR - NOT INSTALLED			
TANK/HOPPER-LOCATION - SLING LOADED			TERRAIN-TYPE - LEVEL, FLAT			
ELEVATION-AREA BEING TREATED- FEET - 260			SWATH RUN-HOW FLOWN - UPWIND			
PROCEDURE TURNAROUND - ENTRY TO PROCEDURE TURN						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0755	3/24/74 TIME - 0822	LONDON, OREG	HILLER ACFT UH-12E N90469 DAMAGE-SUBSTANTIAL DEPARTURE POINT LONDON, OREG TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 30, 2700 TOTAL HOURS, 650 IN TYPE, NOT INSTRUMENT RATED.
INTENDED DESTINATION LOCAL PHASE OF OPERATION LANDING OTHER 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) PILOT IN COMMAND - SPONTANEOUS-IMPROPER ACTION TERRAIN - ROUGH/UNEVEN SPECIAL DATA TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED KIND OF CROP - FOREST-TREES PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - SIDES ELEVATION-AREA BEING TREATED- FEET - 1600 REMARKS- PLT THOUGHT HE HAD PWR LOSS, STARTED AUTOROTATION. UN MAINTAIN ROTOR RPM. LND IN STUMPS.						
3-1885	4/14/74 TIME - 1830	LEBANON, OREG	BELL 47G381 N1373X DAMAGE-DESTROYED DEPARTURE POINT LEBANON, OREG TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION ROLL OVER	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL. INSTR., AGE 35, 11000 TOTAL HOURS, 1000 IN TYPE, NOT INSTRUMENT RATED.
INTENDED DESTINATION LOCAL PHASE OF OPERATION IN FLIGHT STARTING SWATH RUN 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. TERRAIN - OTHER FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - LOAD NOT JETTISONED PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND 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 - SIDES ELEVATION-AREA BEING TREATED- FEET - 300 REMARKS- PNR LOSS ABT 100FT AGL. UN DROP BUCKET DUE TO VEHICLES BELOW. UN MNTN RPM. LND ON BUCKET.						
KIND OF OPERATION - SPRAYING FORESTS TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOTOXIC GLOVES - NOT USED CRASH HELMET - AVAILABLE-USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - MOUNTAINOUS SWATH RUN-HOW FLOWN - WIND CALM						
KIND OF OPERATION - FERTILIZING (DUST) TYPE OF CHEMICAL USED - DRY CHEMICAL-NONTOTOXIC 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
3-1425	5/1/74 TIME - 1415	INDEPENDENCE, OREG	HILLER ACFT UH-12E N5332V DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS FERRY	COMMERCIAL, AGE 30, 2800 TOTAL HOURS, 800 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - INDEPENDENCE DEPARTURE POINT LONGVIEW, WASH INTENDED DESTINATION EUGENE, OREG TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION ROLL OVER PROBABLE CAUSE(S) PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS, CONDITIONS - FUEL STARVATION TERRAIN - WET, SOFT GROUND FACTOR(S) WEATHER - UNFAVORABLE WIND CONDITIONS COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND SKY CONDITION OVERCAST VISIBILITY AT ACCIDENT SITE 5 OR OVER OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE TYPE OF WEATHER CONDITIONS VFR REMARKS- LNDD ON SOFT UNEVEN GND. GUSTS TO 25K. NO LOAD ABOARD.						
				LAST ENROUTE STOP INDEPENDENCE, OREG PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING POWER-OFF AUTOROTATIVE LANDING CEILING AT ACCIDENT SITE 1200 PRECIPITATION AT ACCIDENT SITE NONE 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
3-2163	5/24/74 TIME - 1030	NR.NORTH POWDER,OREG	BELL 47G-3B N73940 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 23, 343 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT NORTH POWDER,OREG	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	UNCONTROLLED	PHASE OF OPERATION IN FLIGHT PROCEDURE TURNAROUND		
PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS						
FACTOR(S) WEATHER - HIGH DENSITY ALTITUDE TERRAIN - HIGH OBSTRUCTIONS WEATHER BRIEFING - UNKNOWN/NOT REPORTED WEATHER FORECAST - UNKNOWN/NOT REPORTED						
		SKY CONDITION OVERCAST/LOWER SCATTERED		CEILING AT ACCIDENT SITE 12000		
		VISIBILITY AT ACCIDENT SITE 5 OR OVER		PRECIPITATION AT ACCIDENT SITE NONE		
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE		TEMPERATURE-F 65		
		TYPE OF WEATHER CONDITIONS VFR		TYPE OF FLIGHT PLAN NONE		
		SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 42 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 - 3550 PROCEDURE TURNAROUND - SECOND 1/3 OF TURN		KIND OF OPERATION - SPRAYING CROPS TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC GLOVES - NOT USED CRASH HELMET - AVAILABLE-USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - ROLLING SWATH RUN-HOW FLOWN - WIND CALM		
REMARKS- ATMTNG CLEAN-UP PASS.ACFT IN TIGHT TURN.DA ABT 5000FT.						
3-3816	7/7/74 TIME - 1400	MIDLAND,OREG	BELL 47G N957B DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 57, 198 TOTAL HOURS, 37 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - RANCH HELIPORT				
		DEPARTURE POINT MIDLAND,OREG	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT ROLL OVER		PHASE OF OPERATION LANDING POWER-ON LANDING		
PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN						
FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS OTHER						
FIRE AFTER IMPACT						
REMARKS- LND ON UPSLOPE.PLT UNABLE TO STOP SLIDING.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2809	7/11/74 TIME - 1030	ESTACADA, OREG	VERTOL 107 N6676D DAMAGE-NONE	CR- 0 0 2 PX- 0 0 0 OT- 0 1 0	COMMERCIAL CONSTRUCTION	COMMERCIAL, AGE 31, 3800 TOTAL HOURS, 1460 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT ESTACADA, OREG	INTENDED DESTINATION LOCAL	PHASE OF OPERATION STATIC IDLING ROTORS		
		TYPE OF ACCIDENT PROPELLER/ROTOR ACCIDENT TO PERSON				
PROBABLE CAUSE(S) PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL INADEQUATE SUPERVISION/TRAINING OF RAMP CREWS PERSONNEL - MISCELLANEOUS-PERSONNEL GROUND CREWMAN						
REMARKS- PERS INJURY TO GRD CREW. FAILED TO ALLOW ROTOR BLADE TO STOP BEFORE CLIMBING ON PYLON FOR INSPECTN.						
3-2810	7/16/74 TIME - 1200	DAYTON, OREG	HILLER ACFT UH-12E N104HA DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	AIRLINE TRANSPORT, AGE 27, 3800 TOTAL HOURS, 190 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT DAYTON, OREG	INTENDED DESTINATION LOCAL	PHASE OF OPERATION TAKEOFF INITIAL CLIMB		
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER UNCONTROLLED				
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.						
FACTOR(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION IMPROPER MAINTENANCE (OWNER PERSONNEL) ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM CLUTCH ASSEMBLY						
REMARKS- CLUTCH SHOE WORN, HIGH IDLE RPM. M/R DRIVE SHAFT FAILED DUE TO IMPACT. M/R SYS SEPARATED.						
3-2857	8/17/74 TIME - 1430	EUGENE, OREG	BENSEN B-8M N3306 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 35, 69 TOTAL HOURS, 17 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT CRESWELL, OREG	INTENDED DESTINATION LOCAL	PHASE OF OPERATION IN FLIGHT OTHER		
		TYPE OF ACCIDENT COLLIDED WITH TREES				
PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE						
FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS						
REMARKS- ACFT UNABLE TO CLIMB FAST ENOUGH TO CLEAR TERRAIN.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3813	10/26/74	EUGENE, OREG	BENSEN B8ME N3306 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 35, 72 TOTAL HOURS, 20 IN TYPE, NOT INSTRUMENT RATED.
	TIME - 1610		INTENDED DESTINATION LOCAL			
	DEPARTURE POINT EUGENE, OREG					
	TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE MAIN ROTOR			PHASE OF OPERATION IN FLIGHT NORMAL CRUISE		
	COLLISION WITH GROUND/WATER UNCONTROLLED			IN FLIGHT UNCONTROLLED DESCENT		
	PROBABLE CAUSE(S) ROTORCRAFT - ROTOR ASSEMBLIES MAIN ROTOR BLADES MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE					
	REMARKS- CAUSE OF BLADE FAILURE UNK.					
3-0138	1/17/74	READING, PA	BELL 47G-4A N1412W DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	MISCELLANEOUS OTHER PUBLIC	COMMERCIAL, FL. INSTR., AGE 33, 1758 TOTAL HOURS, 903 IN TYPE, NOT INSTRU- MENT RATED.
	TIME - 0902					
	NAME OF AIRPORT - READING MUNI					
	DEPARTURE POINT READING, PA	INTENDED DESTINATION LOCAL				
	TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION			PHASE OF OPERATION IN FLIGHT OTHER		
	HARD LANDING			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 PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING					
	FACTOR(S) WEATHER - CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING TERRAIN - ROUGH/UNEVEN TERRAIN - HIGH OBSTRUCTIONS MISCELLANEOUS ACTS, CONDITIONS - DOWNWIND WEATHER BRIEFING - UNKNOWN/NOT REPORTED WEATHER FORECAST - UNKNOWN/NOT REPORTED EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND					
	SKY CONDITION OVERCAST			CEILING AT ACCIDENT SITE 2000		
	VISIBILITY AT ACCIDENT SITE 5 OR OVER			PRECIPITATION AT ACCIDENT SITE NONE		
	OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE			TEMPERATURE-F 37		
	WIND DIRECTION-DEGREES 30			WIND VELOCITY-KNOTS 10		
	TYPE OF WEATHER CONDITIONS VFR			TYPE OF FLIGHT PLAN NONE		
	FIRE AFTER IMPACT					
	REMARKS- TREE LINE ON APCH TO LVL WHEAT FLD. DRG AUTOROTATION TURNED R. TERRAIN, 5 PCT DOWNSLOPE.					

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1281	6/13/74 TIME - 1258	PHILADELPHIA, PA	BRANTLEY B-28 N2176U DAMAGE-DESTROYED	CR- 2 0 0 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL. INSTR., AGE 52, 10500 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - BERMUDA HELIPORT DEPARTURE POINT INTENDED DESTINATION PHILADELPHIA, PA LOCAL TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT CLIMB TO CRUISE COLLIDED WITH TREES 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 FIRE AFTER IMPACT REMARKS- DEPT ROUTE OVR WOODED AREA.						
3-2784	6/24/74 TIME - 0800	BERLIN, PA	HUGHES 269B N9390F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 36, 650 TOTAL HOURS, 65 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION SOMERSET, PA LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH WIRES/POLES IN FLIGHT OTHER PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS MISCELLANEOUS ACTS, CONDITIONS - SUNGLARE 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 - 2300 PROCEDURE TURNAROUND - ENTRY TO PROCEDURE TURN REMARKS- DURING CROP DUSTING OPN, FLYING INTO SUN, PLT FAILED TO SEE AND AVOID TELEPHONE WIRES.						
KIND OF OPERATION - DUSTING CROPS TYPE OF CHEMICAL USED - DRY CHEMICAL-NONTXIC GLOVES - USED CRASH HELMET - AVAILABLE-USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - LEVEL, FLAT SWATH RUN-HOW FLOWN - UNKNOWN/NOT REPORTED						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1537	7/11/74 TIME - 1255	ALLENTOWN, PA	BELL 206B N22JC DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PRACTICE	AIRLINE TRANSPORT, AGE 53, 13772 TOTAL HOURS, 124 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - ALLENTOWN-EASTON DEPARTURE POINT INTENDED DESTINATION ALLENTOWN, PA LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER CONTROLLED TAKEOFF OTHER PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED CLEARANCE REMARKS- DURING AN ATTEMPTED REARWARD TKOF PLT MISJUDGED GND CLNC.DMGD GR ATTACH POINTS.						
3-2608	7/16/74 TIME - 1800	HARRISBURG, PA	BENSEN B-8-VW N1709 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 45, 152 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - POSIC FARM DEPARTURE POINT INTENDED DESTINATION HARRISBURG, PA LOCAL TYPE OF ACCIDENT PHASE OF OPERATION GROUND-WATER LOOP-SWERVE TAKEOFF RUNNING PROBABLE CAUSE(S) PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL FACTOR(S) TERRAIN - ROUGH/UNEVEN REMARKS- LOST DIRECTIONAL CONTROL ON TAKEOFF.FLD RUF PASTURE/HAY FLD ROTOR BLADES BOUNCED OR FLAPPED.						
3-4264	7/31/74 TIME - 1030	MEDIA, PA	ENSTROM F-28A N4890 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 27, 2340 TOTAL HOURS, 210 IN TYPE, NOT INSTRU- MENT RATED.
DEPARTURE POINT INTENDED DESTINATION PHILADELPHIA, PA LOCAL TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT NORMAL CRUISE HARD LANDING LANDING POWER-OFF AUTOROTATIVE LANDING PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS 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
3-3151	8/1/74 TIME - 2010	SLIGO, PA	BELL 47G-5 N6277N DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 31, 1433 TOTAL HOURS, 145 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT CLARION, PA	INTENDED DESTINATION SLIGO, PA	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING LEVEL OFF/TOUCHDOWN		
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLISION WITH GROUND/WATER CONTROLLED				
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						
FACTOR(S) POWERPLANT - POWERPLANT-INSTRUMENTS FUEL QUANTITY GAUGE MISCELLANEOUS ACTS, CONDITIONS - STICKING COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
3-2505	8/21/74 TIME - 0700	NR. ORANGEVILLE, PA	BELL 47G N938B DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL. INSTR., AGE 26, 4363 TOTAL HOURS, 1600 IN TYPE, NOT INSTRU- MENT RATED.
		DEPARTURE POINT ORANGEVILLE, PA	INTENDED DESTINATION LOCAL	PHASE OF OPERATION IN FLIGHT SWATH RUN		
		TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES				
PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED CLEARANCE						
FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS MISCELLANEOUS ACTS, CONDITIONS - LOAD NOT JETTISONED						
SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 4363 KIND OF CROP - CORN PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - AFT OF PILOT ELEVATION-AREA BEING TREATED- FEET - 800						
		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				
REMARKS- WIRES ON FLD BOUNDARY OTR WIRES ACROSS THE FLD. PLT CPLTD 2 SPRAY RUNS STRUCK ELECTRIC SVC LINE.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3929	9/29/74 TIME - 1610	AMBLER, PA	ENSTROM F-28A N48801 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	INSTRUCTIONAL SOLO	STUDENT, AGE 48, 125 TOTAL HOURS, 48 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - WINGS FIELD DEPARTURE POINT INTENDED DESTINATION AMBLER, PA LOCAL TYPE OF ACCIDENT PHASE OF OPERATION HARD LANDING LANDING LEVEL OFF/TOUCHDOWN ROLL OVER LANDING LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE REMARKS- WIND GUSTING 20K.						
3-3934	10/26/74 TIME - 1525	SHARON, PA	BRANTLY B-2B N2280U DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 34, 385 TOTAL HOURS, 5 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - SHARON DEPARTURE POINT INTENDED DESTINATION SHARON, PA LOCAL TYPE OF ACCIDENT PHASE OF OPERATION ROLL OVER TAXI AERIAL TAXI TO/FROM LANDING PROBABLE CAUSE(S) 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 CEILING AT ACCIDENT SITE CLEAR UNLIMITED VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 5 OR OVER NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE RELATIVE BEARING OF WIND NONE LEFT QUARTERING HEAD WIND 293-337 DEGREES WIND DIRECTION-DEGREES WIND VELOCITY-KNOTS 330 10 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN VFR NONE REMARKS- WIND GUSTING TO 15K.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3023	8/22/74	NR.POINT JUDITH,RI	BELL 47J-2A N37739 DAMAGE-DESTROYED	CR- 0 1 0 PX- 1 1 0	COMMERCIAL MAPPING/PHOTO	COMMERCIAL, FL.INSTR., AGE 42, 5350 TOTAL HOURS, 2000 IN TYPE, NOT INSTRU- MENT RATED.
		DEPARTURE POINT NEWPORT,RI	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	UNCONTROLLED	PHASE OF OPERATION IN FLIGHT UNCONTROLLED DESCENT		
PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED						
FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER						
EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT						
REMARKS- PLT DECIDED ABORT FLT DUE RANDOM SUBTLE NUDGES,PASSING THRU 100-150FT AGL ACFT TUMBLED INTO WATER.						
3-0025	1/22/74	ST MATTHEWS,SC	HUGHES 269-A N8718F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 28, 8000 TOTAL HOURS, 7000 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT ST MATTHEWS,SC	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLISION WITH GROUND/WATER	CONTROLLED	PHASE OF OPERATION IN FLIGHT STARTING SWATH RUN LANDING LEVEL OFF/TOUCHDOWN		
PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PERSONNEL - MAINTENANCE,SERVICING,INSPECTION IMPROPERLY SERVICED AIRCRAFT (GROUND CREW) MISCELLANEOUS ACTS,CONDITIONS - WATER IN FUEL COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 7000 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 - 250 PROCEDURE TURNAROUND - THIRD 1/3 OF TURN REMARKS- ACFT FUELED FROM CONTAMINATED TANK.ALL FUEL SAMPLES CONT WATER.						
				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 - CROSSWIND		

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2237	7/5/74 TIME - 1115	MYRTLE BEACH, SC	BELL 47G N1773 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3 OT- 0 1 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 34, 1530 TOTAL HOURS, 170 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT MYRTLE BEACH, SC	INTENDED DESTINATION LOCAL	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING POWER-ON LANDING		
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING				
PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- LNDD ON BEACH. BYSTANDERS INJURED. 2-1/2 GAL FUEL DRAINED, 2 GAL UNUSABLE.						
3-2300	8/12/74 TIME - 1900	FORT MOTTE, SC	HUGHES 269B N9356F DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 33, 3100 TOTAL HOURS, 3000 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT FORT MOTTE, SC	INTENDED DESTINATION LOCAL	PHASE OF OPERATION IN FLIGHT EN ROUTE TO TREAT CROP LANDING POWER-OFF AUTOROTATIVE LANDING		
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING				
PROBABLE CAUSE(S) POWERPLANT - ENGINE STRUCTURE MASTER AND CONNECTING RODS MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 3100 KIND OF CROP - COTTON PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - SIDES ELEVATION-AREA BEING TREATED- FEET - 110 REMARKS- NR 4 CNCTNG ROD BROKE.						
		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 - ROLLING SWATH RUN-HOW FLOWN - CROSSWIND				

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3413	11/2/74 TIME - 1530	CROSS ANCHOR, SC	HELIO ACFT H-295 N68880 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	PRIVATE, AGE 43, 10700 TOTAL HOURS, 9200 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - JOHN ROBERTS LTD DEPARTURE POINT INTENDED DESTINATION CROSS ANCHOR, SC LOCAL TYPE OF ACCIDENT PHASE OF OPERATION HARD LANDING LANDING LEVEL OFF/TOUCHDOWN GEAR COLLAPSED LANDING LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER LEVEL OFF FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE REMARKS- DEMO LOG OVR 50FT OBSTRUCTION.						
3-0560	1/23/74 TIME - 1640	KNOXVILLE, TENN	HILLER ACFT FH1100 N441FH DAMAGE-MINOR	CR- 0 0 1 PX- 0 1 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 32, 5290 TOTAL HOURS, 60 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - HELI STOP DEPARTURE POINT INTENDED DESTINATION KNOXVILLE, TENN LOCAL TYPE OF ACCIDENT PHASE OF OPERATION PROPELLER/ROTOR ACCIDENT TO PERSON STATIC IDLING ROTORS PROBABLE CAUSE(S) PERSONNEL - MISCELLANEOUS-PERSONNEL PASSENGER REMARKS- PAX HIT BY TAIL ROTOR.						
3-0054	1/25/74 TIME - 0900	CORPUS CHRSTI, TEX	BELL 47G3B1 N11HV DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS TEST	COMMERCIAL, AGE 42, 7990 TOTAL HOURS, 4050 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION CORPUS CHRISTI, TEX LOCAL TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT NORMAL CRUISE HARD LANDING LANDING POWER-OFF AUTOROTATIVE LANDING PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - DOWNWIND COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- LND ON FARM ROAD.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0248	2/26/74 TIME - 1610	OLMITO,TEX	ENSTROM F-28A N9057 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 45, 4735 TOTAL HOURS, 35 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT BROWNSVILLE,TEX	INTENDED DESTINATION OLMITO,TEX			PHASE OF OPERATION TAXI AERIAL TAXI TO/FROM LANDING	
	TYPE OF ACCIDENT ROLL OVER					
	PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.					
	FACTOR(S) WEATHER - UNFAVORABLE WIND CONDITIONS					
	SKY CONDITION CLEAR				CEILING AT ACCIDENT SITE UNLIMITED	
	VISIBILITY AT ACCIDENT SITE 5 OR OVER				PRECIPITATION AT ACCIDENT SITE NONE	
	OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE				WIND DIRECTION-DEGREES 180	
	WIND VELOCITY-KNOTS 15				TYPE OF WEATHER CONDITIONS VFR	
	TYPE OF FLIGHT PLAN NONE					
	REMARKS- GUSTS TO 25K.					
3-0718	3/30/74 TIME - 0910	GOULDBUSK,TEX	HILLER ACFT UH-12A N8145H DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	MISCELLANEOUS HUNTING	COMMERCIAL, AGE 42, 8400 TOTAL HOURS, 1596 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT GOULDBUSK,TEX	INTENDED DESTINATION LOCAL			PHASE OF OPERATION IN FLIGHT LOW PASS LANDING FINAL APPROACH	
	TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH WIRES/POLES					
	PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS MISCELLANEOUS ACTS,CONDITIONS - UNWARRANTED LOW FLYING					
	FACTOR(S) PILOT IN COMMAND - EXERCISED POOR JUDGMENT MISCELLANEOUS ACTS,CONDITIONS - DISREGARD OF GOOD OPERATING PRACTICE TERRAIN - HIGH OBSTRUCTIONS					
	COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND					
	REMARKS- PLT RETURNING TO RANCH AT LO ALT FOLLOWING COYOTE HUNT-LOST PWR DRG PULL UP OVR PWR LINES.					

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0955	4/17/74 TIME - 1630	SPUR, TEX	HUGHES 269B N9341F DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 1 0	MISCELLANEOUS HUNTING	COMMERCIAL, AGE 28, 4735 TOTAL HOURS, 1770 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT SPUR, TEX	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION ROLL OVER	PHASE OF OPERATION IN FLIGHT OTHER LANDING POWER-OFF AUTOROTATIVE LANDING			
PROBABLE CAUSE(S) POWERPLANT - ENGINE STRUCTURE MASTER AND CONNECTING RODS MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE						
FACTOR(S) PILOT IN COMMAND - EXERCISED POOR JUDGMENT MISCELLANEOUS ACTS, CONDITIONS - DOWNWIND COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- PLT' EXPERNCD ENG PWR FAILR AT LO ALT DNWND DURNG AERIAL HUNTING. NR 4 CONNCTNG ROD P/N 74502-5 FAILED						
3-1014	4/23/74 TIME - 0830	SLATON, TEX	PAULICKS B-8 N8491 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 24, 16 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - SLATON DEPARTURE POINT SLATON, TEX	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES	PHASE OF OPERATION TAKEOFF INITIAL CLIMB			
PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS						
FACTOR(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING WEATHER - UNFAVORABLE WIND CONDITIONS TERRAIN - HIGH OBSTRUCTIONS WEATHER BRIEFING - NO BRIEFING RECEIVED WEATHER FORECAST - UNKNOWN/NOT REPORTED						
		SKY CONDITION CLEAR	CEILING AT ACCIDENT SITE UNLIMITED			
		VISIBILITY AT ACCIDENT SITE 5 OR OVER	PRECIPITATION AT ACCIDENT SITE NONE			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE	WIND DIRECTION-DEGREES 180			
		WIND VELOCITY-KNOTS 10	TYPE OF WEATHER CONDITIONS VFR			
		TYPE OF FLIGHT PLAN NONE				
REMARKS- FLEW INTO PWR LINES. GUSTING TO 15K.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1787	5/12/74 TIME - 1330	TEMPLE, TEX	BENSEN 8M-KCA N6891A DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	NO CERTIFICATE, AGE 40, 2000 TOTAL HOURS, 0 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - DRAUGHON-MILLER DEPARTURE POINT INTENDED DESTINATION TEMPLE, TEX LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER UNCONTROLLED LANDING TRAFFIC PATTERN-CIRCLING PROBABLE CAUSE(S) PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. FACTOR(S) PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT REMARKS- MILITARY RATED. NO PREV FLT TIME IN TYPE. ACFT SETTLED DRG TURN TO BASE LEG.						
3-1174	5/14/74 TIME - 0230	UTOPIA, TEX	BELL 206B N58153 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL. INSTR., AGE 55, 12075 TOTAL HOURS, 200 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION UTOPIA, TEX BANDERA, TEX TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH TREES IN FLIGHT DESCENDING PROBABLE CAUSE(S) PILOT IN COMMAND - BECAME LOST/DISORIENTED PILOT IN COMMAND - MISJUDGED ALTITUDE PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS REMARKS- LOW LVL NIGHT FLT, FOLLOWING ROAD. LOST SIGHT OF ROAD, DESCENDING, SAW TREES TOO LATE.						
3-1474	6/18/74 TIME - 1400	SLAYTON, TEX	HUGHES 269B N9499F DAMAGE-DESTROYED	CR- 0 2 0 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL. INSTR., AGE 29, 4142 TOTAL HOURS, 3273 IN TYPE, NOT INSTRU- MENT RATED.
DEPARTURE POINT INTENDED DESTINATION SLAYTON, TEX LOCAL TYPE OF ACCIDENT PHASE OF OPERATION FIRE OR EXPLOSION ON GROUND LANDING OTHER PROBABLE CAUSE(S) PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN FACTOR(S) TERRAIN - HIGH VEGETATION EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT REMARKS- PILOT LANDED TO CLEAR DIRT FROM EYES. ENG EXHAUST IGNITED THICK DRY WEEDS ABT 3 FT HI.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2866	9/14/74 TIME - 1005	DALLAS,TEX	ENSTROM F-28A N4894 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	MISCELLANEOUS FERRY	COMMERCIAL, AGE 53, 4058 TOTAL HOURS, 3 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT DALLAS,TEX		INTENDED DESTINATION TEXARKANA,ARK		PHASE OF OPERATION IN FLIGHT NORMAL CRUISE 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 - MISJUDGED SPEED AND ALTITUDE					
	FACTOR(S) PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT TERRAIN - WET,SOFT GROUND PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- PLT LNDD IN MUDDY FLD.NO ENG MLFNCTN FND.					
3-3205	10/17/74 TIME - 1545	ARLINGTON,TEX	HILLER ACFT UH-12C N73876 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 42, 2000 TOTAL HOURS, 300 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT ARLINGTON,TEX		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 MISCELLANEOUS ACTS,CONDITIONS - WATER IN FUEL PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE					
	FACTOR(S) MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- FUEL FILLER RECESS DRAIN ON FUEL TANK CLOGGED					
3-3821	12/5/74 TIME - 1400	NR.FREER,TEX	BELL 47GB31 N8505F DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	NONCOMMERCIAL AERIAL SURVEY	COMMERCIAL, AGE 26, 1885 TOTAL HOURS, 1605 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT FREER,TEX		INTENDED DESTINATION LOCAL		PHASE OF OPERATION IN FLIGHT HOVERING	
	TYPE OF ACCIDENT COLLISION WITH GROUND/WATER CONTROLLED					
	PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE					
	FACTOR(S) PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- T/R BLADE HIT GRND WHILE HERDING CATTLE.T/R DRIVE SHAFT FAILED.					

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3686	9/5/74 TIME - 1440	NR. OGDEN, UT	BELL 47G3B1 N73972 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 1 0	COMMERCIAL MAPPING/PHOTO	ATR, FLIGHT INSTR., AGE 37, 9000 TOTAL HOURS, 4066 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT BOUNTIFUL, UT	INTENDED DESTINATION OGDEN, UT			
		TYPE OF ACCIDENT MISCELLANEOUS	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE			
		COLLISION WITH GROUND/WATER UNCONTROLLED	IN FLIGHT UNCONTROLLED DESCENT			
PROBABLE CAUSE(S) ROTORCRAFT - FLIGHT CONTROL SYSTEMS CYCLIC PITCH CONTROL SYSTEM MISCELLANEOUS ACTS, CONDITIONS - DISCONNECTED MISCELLANEOUS ACTS, CONDITIONS - FATIGUE FRACTURE MISCELLANEOUS ACTS, CONDITIONS - IMPROPERLY INSTALLED						
FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER						
REMARKS- LOST LATERAL CYCLIC CONTROL. SEPARATION IN SHAFT BELL PN47-725-853-5 DUE OFF CTR DRILLED HOLE.						
3-3215	10/26/74 TIME - 1730	NR. VERNAL, UT	BELL 47G3B1 N1170W DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 31, 2341 TOTAL HOURS, 1518 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT VERNAL, UT	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER CONTROLLED	PHASE OF OPERATION TAKEOFF INITIAL CLIMB			
PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.						
FACTOR(S) WEATHER - HIGH DENSITY ALTITUDE TERRAIN - ROUGH WATER WEATHER BRIEFING - UNKNOWN/NOT REPORTED WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT						
		SKY CONDITION SCATTERED	CEILING AT ACCIDENT SITE UNLIMITED			
		VISIBILITY AT ACCIDENT SITE 5 OR OVER	PRECIPITATION AT ACCIDENT SITE NONE			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE	TEMPERATURE-F 32			
		WIND DIRECTION-DEGREES 170	WIND VELOCITY-KNOTS 10			
		TYPE OF WEATHER CONDITIONS VFR	TYPE OF FLIGHT PLAN NONE			
REMARKS- DENSITY ALT 13000 FT.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4068	12/16/74	NR.KAMAS,UT	BELL 47G-3B	CR- 0 0 1	COMMERCIAL	COMMERCIAL, AGE 33, 2932
	TIME - 1530		N73218	PX- 0 0 0	CTR PASSG-D	TOTAL HOURS, 200 IN TYPE,
			DAMAGE-SUBSTANTIAL			NOT INSTRUMENT RATED.
	DEPARTURE POINT		INTENDED DESTINATION			
	KAMAS,UT		OAKLEY,UT			
	TYPE OF ACCIDENT			PHASE OF OPERATION		
	ENGINE FAILURE OR MALFUNCTION			TAKEOFF VERTICAL		
	COLLIDED WITH TREES			LANDING POWER-ON LANDING		
	PROBABLE CAUSE(S)					
	POWERPLANT - EXHAUST SYSTEM CLAMPS					
	MISCELLANEOUS ACTS,CONDITIONS - DISCONNECTED					
	MISCELLANEOUS ACTS,CONDITIONS - MISSING					
	FACTOR(S)					
	TERRAIN - HIGH OBSTRUCTIONS					
	PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.					
	MISCELLANEOUS ACTS,CONDITIONS - JETTISONED LOAD					
	PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE					
	EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND					
	REMARKS- TURBO SYS LOST DUE FAILED TURBO EXHAUST CLAMP.					
3-0929	5/1/74	NORFOLK,VA	BELL 47G-2	CR- 0 0 1	NONCOMMERCIAL	COMMERCIAL, AGE 26, 621
	TIME - 1504		N6752D	PX- 0 0 2	BUSINESS	TOTAL HOURS, 90 IN TYPE,
			DAMAGE-DESTROYED			NOT INSTRUMENT RATED.
	NAME OF AIRPORT - NORFOLK HELIPORT					
	DEPARTURE POINT		INTENDED DESTINATION			
	NORFOLK,VA		LOCAL			
	TYPE OF ACCIDENT			PHASE OF OPERATION		
	COLLIDED WITH BUILDING(S)			TAKEOFF VERTICAL		
	PROBABLE CAUSE(S)					
	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			CEILING AT ACCIDENT SITE		
	UNKNOWN/NOT REPORTED			25000		
	VISIBILITY AT ACCIDENT SITE			PRECIPITATION AT ACCIDENT SITE		
	5 OR OVER			NONE		
	OBSTRUCTIONS TO VISION AT ACCIDENT SITE			RELATIVE BEARING OF WIND		
	NONE			LEFT QUARTERING TAIL WIND 203-247 DEGREES		
	TEMPERATURE-F			WIND DIRECTION-DEGREES		
	74			50		
	WIND VELOCITY-KNOTS			TYPE OF WEATHER CONDITIONS		
	10			VFR		
	TYPE OF FLIGHT PLAN					
	NONE					
	REMARKS- ACFT TAILED INTO WIND,DRG L/O ENCTRD WIND GUST.					

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1270	5/8/74 TIME - 0440	STEPHENS CITY,VA	BELL 47D1 N919B DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 47, 2900 TOTAL HOURS, 400 IN TYPE, NOT INSTRU- MENT RATED.
		DEPARTURE POINT STEPHENS CITY,VA	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH TREES	PHASE OF OPERATION IN FLIGHT SWATH RUN 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 - OIL EXHAUSTION-ENGINE LUBRICATION SYSTEM						
POWERPLANT - ENGINE ACCESSORIES STARTERS						
MISCELLANEOUS ACTS,CONDITIONS - LOOSE,PART/FITTING						
TERRAIN - HIGH OBSTRUCTIONS						
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE						
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
SPECIAL DATA						
TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED				KIND OF OPERATION - ANTI-FROST OPERATIONS		
KIND OF CROP - FRUIT ORCHARDS.				PILOT'S SEAT BELT - FASTENED-PROPERLY		
TERRAIN-TYPE - LEVEL,FLAT				ELEVATION-AREA BEING TREATED-FEET - 890		
SWATH RUN-HOW FLOWN - WIND CALM						
REMARKS- FROST CONTROL OVER APPLE ORCHARD.STARTER END PLATE & ARMATURE FOUND UNDER ENG.						
3-1299	5/24/74 TIME - 1630	RICHMOND,VA	BELL 47J N5199B DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0 OT- 1 1 3	MISCELLANEOUS HIGHWAY TRAFFIC ADVISORY	COMMERCIAL, AGE 43, 3040 TOTAL HOURS, 40 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - PARNELL	INTENDED DESTINATION			
		DEPARTURE POINT RICHMOND,VA	LOCAL			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION AIRFRAME FAILURE IN FLIGHT	PHASE OF OPERATION IN FLIGHT OTHER LANDING POWER-OFF AUTOROTATIVE LANDING			
PROBABLE CAUSE(S)						
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS						
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS						
FACTOR(S)						
MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT						
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE						
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
REMARKS- TAIL BOOM SEPARATED BY MN ROTOR STRIKE DRG AUTOROTATION.ACFT CONTINUED THRU ROOF OF HOUSE.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3417	9/13/74 TIME - 1230	HORNTOWN,VA	BELL 47G-2A N74098 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 30, 3522 TOTAL HOURS, 3442 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - DUSTER STRIP DEPARTURE POINT INTENDED DESTINATION HORNTOWN,VA LOCAL TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING PHASE OF OPERATION IN FLIGHT EN ROUTE TO TREAT CROP LANDING POWER-OFF AUTOROTATIVE LANDING PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS OTHER COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEDOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 270 KIND OF CROP - BEANS PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - UNKNOWN/NOT REPORTED REMARKS- CTCTD SLT DWN SLOPE ON SOFT EARTH IN FLD OF SOY BEANS.MAIN ROTOR HIT TAILBOOM.						
3-0380	1/20/74 TIME - 0738	WAPATO,WASH	BELL 47G-4A N1396X DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	MISCELLANEOUS SEARCH AND RESCUE	COMMERCIAL, AGE 27, 2360 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION YAKIMA,WASH WHITE SWAN,WASH TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES PHASE OF OPERATION IN FLIGHT DESCENDING PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - UNWARRANTED LOW FLYING TERRAIN - HIGH OBSTRUCTIONS FIRE AFTER IMPACT REMARKS- ENRT TO EVAC FLOOD VICTIMS.ACFT OBSERVED IN CONTROLLED DESCENT UNTIL HITTING PWR LINES.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0421	2/24/74 TIME - 1437	NR.SPOKANE,WASH	BELL 47G-2 N59H DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 38, 6036 TOTAL HOURS, 570 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT SPOKANE,WASH	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT HARD LANDING	PHASE OF OPERATION LANDING POWER-OFF AUTOROTATIVE LANDING			
PROBABLE CAUSE(S) PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN PILOT IN COMMAND - IMPROPER LEVEL OFF PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS						
FACTOR(S) TERRAIN - OTHER						
REMARKS- DEMO AUTOROTATION TO SLOPING CONFINED AREA.						
3-0758	3/3/74 TIME - 1430	FORKS,WASH	BELL 47G-2 N5161B DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL CONSTRUCTION	COMMERCIAL, AGE 46, 5100 TOTAL HOURS, 350 IN TYPE, UNK/NR INSTRUMENT RATED.
		DEPARTURE POINT FORKS,WASH	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE COLLIDED WITH OBJECT	MAIN ROTOR	PHASE OF OPERATION TAKEOFF VERTICAL LANDING OTHER		
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						
REMARKS- CLUTCH SLIPPED DURING VERTICAL LIFT.UNABLE TO REENGAGE CLUTCH,HIT STUMPS,CAUSE OF MALF UNKNOWN.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1427	4/8/74 TIME - 1300	NR.FORKS,WASH	BELL 47G3B1 N1325X DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL CTR CARGO-D	COMMERCIAL, AGE 41, 9244 TOTAL HOURS, 5000 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT FORKS,WASH	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT COLLIDED WITH OBJECT	PHASE OF OPERATION IN FLIGHT HOVERING			
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS						
FACTOR(S) TERRAIN - OTHER WEATHER - RAIN WEATHER BRIEFING - UNKNOWN/NOT REPORTED WEATHER FORECAST - UNKNOWN/NOT REPORTED						
		SKY CONDITION UNKNOWN/NOT REPORTED	CEILING AT ACCIDENT SITE UNKNOWN/NOT REPORTED			
		VISIBILITY AT ACCIDENT SITE 5 OR OVER	PRECIPITATION AT ACCIDENT SITE RAIN			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE	TEMPERATURE-F 50			
		TYPE OF WEATHER CONDITIONS UNKNOWN/NOT REPORTED	TYPE OF FLIGHT PLAN NONE			
REMARKS- PLT HOVRNG OVER RVRBED SURVYNG LNDNG SITE WHEN TAIL ROTOR STRUCK LOG.						
3-1250	4/18/74 TIME - 0615	NR.CENTRALIA,WASH	BELL 47G-2 N984B DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, FL.INSTR., AGE 25, 2010 TOTAL HOURS, 100 IN TYPE, NOT INSTRU- MENT RATED.
		NAME OF AIRPORT - HELISPOT DEPARTURE POINT CENTRALIA,WASH	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT COLLIDED WITH TREES	PHASE OF OPERATION LANDING POWER-ON LANDING			
PROBABLE CAUSE(S) WEATHER - SUDDEN WINDSHIFT						
FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS WEATHER BRIEFING - UNKNOWN/NOT REPORTED WEATHER FORECAST - UNKNOWN/NOT REPORTED						
		SKY CONDITION CLEAR	CEILING AT ACCIDENT SITE UNLIMITED			
		VISIBILITY AT ACCIDENT SITE 5 OR OVER	PRECIPITATION AT ACCIDENT SITE NONE			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE	RELATIVE BEARING OF WIND TAIL WIND 158-202 DEGREES			
		WIND VELOCITY-KNOTS 15	TYPE OF WEATHER CONDITIONS VFR			
		TYPE OF FLIGHT PLAN NONE				
REMARKS- SDN SHFT OF WND BLEW HELI OFF PAD DRNG HVR TO LDG. SURVEYING FORESTS,NO LOAD ABD.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1238	4/18/74 TIME - 1520	SEATTLE,WASH	HUGHES 269B N9332F DAMAGE-NONE	CR- 0 1 1 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 36, 5214 TOTAL HOURS, 2900 IN TYPE, NOT INSTRU- MENT RATED.
NAME OF AIRPORT - BOEING FIELD DEPARTURE POINT INTENDED DESTINATION SEATTLE,WASH LOCAL TYPE OF ACCIDENT PHASE OF OPERATION PROPELLER/ROTOR ACCIDENT TO PERSON STATIC IDLING ROTORS PROBABLE CAUSE(S) PILOT IN COMMAND - OPERATED CARELESSLY REMARKS- IP HIT ON HEAD WHILE DPTNG HELI,M/R STILL ROTATING.IP 6 FT 3 IN TALL.						
3-1119	5/2/74 TIME - 1050	CHELAN,WASH	BELL 47G3B1 N73932 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, FL.INSTR., AGE 28, 2634 TOTAL HOURS, 1170 IN TYPE, NOT INSTRU- MENT RATED.
DEPARTURE POINT INTENDED DESTINATION CHELAN,WASH LOCAL TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION TAKEOFF OTHER ROLL OVER TAKEOFF ABORTED PROBABLE CAUSE(S) ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM CLUTCH ASSEMBLY MISCELLANEOUS ACTS,CONDITIONS - EXCESSIVE-WEAR/PLAY MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE TERRAIN - ROUGH/UNEVEN FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - RPM-UNCONTROLLABLE-OVERSPEED 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 OPERATION - DUSTING 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 - HILLY ELEVATION-AREA BEING TREATED-FEET - 2200 SWATH RUN-HOW FLOWN - CROSSWIND REMARKS- CLUTCH SHOES WORN CAUSING SLIPPAGE.TSO 330HRS.LIFT OFF AFTER POSITIONING FLAGMAN.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1430	5/4/74 TIME - 0700	EPHRATA, WASH	BELL 47G-2 N7887B DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 43, 771 TOTAL HOURS, 153 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT EPHRATA, WASH	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT AIRFRAME FAILURE IN FLIGHT HARD LANDING	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING POWER-OFF AUTOROTATIVE LANDING			
PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION INADEQUATE MAINTENANCE AND INSPECTION ROTORCRAFT - FLIGHT CONTROL SYSTEMS CYCLIC PITCH CONTROL SYSTEM MISCELLANEOUS ACTS, CONDITIONS - IMPROPERLY SECURED MISCELLANEOUS ACTS, CONDITIONS - DISCONNECTED EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- LOST CYCLIC CONTROL, BOLT CAME LOOSE..						
3-1901	6/4/74 TIME - 1115	STRATFORD, WASH	BELL 47G3B1 N1135W DAMAGE-DESTROYED	CR- 0 0 2 PX- 0 0 0	NONCOMMERCIAL AERIAL SURVEY	COMMERCIAL, AGE 34, 3818 TOTAL HOURS, 1171 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT EPHRATA, WASH	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES	PHASE OF OPERATION IN FLIGHT OTHER			
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER REMARKS- FLEW INTO PARTIALLY OBSCURED WIRES OVR LAKE.						
3-2087	6/11/74 TIME - 0805	ELMA, WASH	BELL 47G N927B DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 28, 1200 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT ELMA, WASH	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION NOSE OVER/DOWN	PHASE OF OPERATION IN FLIGHT SWATH RUN LANDING LEVEL OFF/TOUCHDOWN			
PROBABLE CAUSE(S) POWERPLANT - ENGINE STRUCTURE PISTON, PISTON RINGS MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE TERRAIN - WET, SOFT GROUND COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- NR 3 PISTON HEAD MELTED THROUGH. SPARK PLUG ELECTRODE MELTED.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2456	6/21/74	SEATTLE, WASH	BELL OH-13G N9790 DAMAGE-DESTROYED	CR- 2 0 0 PX- 0 0 0 OT- 2 0 0	MISCELLANEOUS POLICE PATROL	COMMERCIAL, FL. INSTR., AGE 31, 3291 TOTAL HOURS, 61 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - BOEING FIELD INTL DEPARTURE POINT INTENDED DESTINATION SEATTLE, WASH SEATTLE, WASH TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH AIRCRAFT BOTH IN FLIGHT IN FLIGHT LOW PASS PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC. PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT FACTOR(S) PERSONNEL - TRAFFIC CONTROL PERSONNEL FAILURE TO ADVISE OF OTHER TRAFFIC MISCELLANEOUS ACTS, CONDITIONS - CONGESTED TRAFFIC-PATTERN SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN. AV.-SMALL US GEN. AV. CONTROLLING AGENCY - LOCAL CONTROL RADAR CTL/SURVEILLANCE - NOT UNDER RADAR CONTACT TRAFFIC ADVISORY ISSUED - NONE CONTROLLED/UNCONTROLLED AIRPORT - CONTROLLED AIRPORT CONTROL ZONE/AREA - YES EVASIVE ACTION TAKEN - NO ANTI-COLLISION LIGHTS - INSTALLED, OPERATION UNKNOWN FIRE AFTER IMPACT REMARKS- FLOAT EQUIP. PLT FAILED TO COMMCT WTH TWR AFTR INTL CNTCT.						
3-2180	6/23/74	CLARKSTON, WASH	BELL 47G3B2 N8169J DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 30, 1706 TOTAL HOURS, 104 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION CLARKSTON, WASH LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER CONTROLLED IN FLIGHT PROCEDURE TURNAROUND PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED CLEARANCE FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - SUNGLARE SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 1706 KIND OF CROP - FOREST-TREES PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED GOGGLES - USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - SIDES ELEVATION-AREA BEING TREATED- FEET - 4600 PROCEDURE TURNAROUND - SECOND 1/3 OF TURN FIRE AFTER IMPACT REMARKS- PLT LOST GRD CONTACT DUE TO GLARE FROM SPRAY & SUN GLARE.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1902	6/24/74	NR.EPHRATA,WASH	BELL 47G-2	CR- 0 0 1	COMMERCIAL	COMMERCIAL, FL.INSTR.,
	TIME - 1830		N2899B	PX- 0 0 0	AERIAL APPLICATION	AGE 29, 2670 TOTAL HOURS,
			DAMAGE-SUBSTANTIAL			80 IN TYPE, NOT INSTRUMENT
						RATED.
		DEPARTURE POINT	INTENDED DESTINATION			
		EPHRATA,WASH	LOCAL			
		TYPE OF ACCIDENT			PHASE OF OPERATION	
		COLLIDED WITH WIRES/POLES			IN FLIGHT SWATH RUN	
		PROBABLE CAUSE(S)				
		PILOT IN COMMAND - MISJUDGED CLEARANCE				
		FACTOR(S)				
		TERRAIN - HIGH OBSTRUCTIONS				
		SPECIAL DATA				
		TOTAL HOURS IN CROP CONTROL - 245			KIND OF OPERATION - SPRAYING CROPS	
		KIND OF CROP - GRAIN FIELDS			TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC	
		PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED			GLOVES - USED	
		GOGGLES - 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 - 1180			SWATH RUN-HOW FLOWN - DOWNWIND	
3-4314	7/18/74	NR.WAPATO,WASH	BELL 47G-2	CR- 0 0 1	COMMERCIAL	COMMERCIAL, AGE 34, 1500
	TIME - 1015		N7891B	PX- 0 0 0	AERIAL APPLICATION	TOTAL HOURS, 1200 IN
			DAMAGE-DESTROYED			TYPE, NOT INSTRUMENT
						RATED.
		DEPARTURE POINT	INTENDED DESTINATION			
		WAPATO,WASH	LOCAL			
		TYPE OF ACCIDENT			PHASE OF OPERATION	
		ENGINE FAILURE OR MALFUNCTION			IN FLIGHT PROCEDURE TURNAROUND	
		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.				
		PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE				
		EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND				
		SPECIAL DATA				
		TOTAL HOURS IN CROP CONTROL - 1500			KIND OF OPERATION - SPRAYING CROPS	
		KIND OF CROP - CORN			TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTXIC	
		PILOT'S SEAT BELT - FASTENED-PROPERLY			GLOVES - USED	
		GOGGLES - NOT USED			CRASH HELMET - AVAILABLE-USED	
		COCKPIT CRASHPAD - NOT INSTALLED			CRASH BAR - NOT INSTALLED	
		TANK/HOPPER-LOCATION - UNKNOWN/NOT REPORTED			TERRAIN-TYPE - LEVEL,FLAT	
		ELEVATION-AREA BEING TREATED-FEET - 1082			SWATH RUN-HOW FLOWN - UNKNOWN/NOT REPORTED	
		PROCEDURE TURNAROUND - SECOND 1/3 OF TURN				
		REMARKS- NO ENG MALFUNCTION FOUND.				

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4069	8/11/74 TIME - 1346	MERCER ISL, WASH	BELL 47G-2A N88AR DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 1 1	COMMERCIAL MAPPING/PHOTO	COMMERCIAL, FL. INSTR., AGE 35, 1470 TOTAL HOURS, 870 IN TYPE, NOT INSTRU- MENT RATED.
		DEPARTURE POINT SEATTLE, WASH	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE COLLISION WITH GROUND/WATER	TAIL ROTOR CONTROLLED	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING LEVEL OFF/TOUCHDOWN		
PROBABLE CAUSE(S) ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM TAIL ROTOR GEAR BOX MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE						
FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - SEPARATION IN FLIGHT MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER REMARKS- T/R GR BOX SEPARATED FOR UNDET REASON. SANK IN LAKE.						
3-4232	8/14/74 TIME - 1930	COOK, WASH	BELL 205A-1 N4763R DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 1 10	COMMERCIAL CONSTRUCTION	COMMERCIAL, AGE 29, 1750 TOTAL HOURS, 1400 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT COOK, WASH	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLISION WITH GROUND/WATER	CONTROLLED	PHASE OF OPERATION TAKEOFF VERTICAL LANDING POWER-OFF AUTOROTATIVE LANDING		
PROBABLE CAUSE(S) POWERPLANT - FUEL SYSTEM OTHER MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE MISCELLANEOUS ACTS, CONDITIONS - FUEL STARVATION						
FACTOR(S) TERRAIN - ROUGH/UNEVEN PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- LNDD ON TOP OF LOGS ON MTN SLOPE. FUEL SYS MALFUNCTION FOR UNDET REASON.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2880	8/14/74 TIME - 0540	NR.ROYAL CITY,WASH	BELL 47G-2 N6717D DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 29, 2835 TOTAL HOURS, 228 IN TYPE, NOT INSTRU- MENT RATED.
		DEPARTURE POINT ROYAL CITY,WASH	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES	PHASE OF OPERATION IN FLIGHT SWATH RUN			
PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED CLEARANCE						
FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS MISCELLANEOUS ACTS,CONDITIONS - SUNGLARE						
SPECIAL DATA TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED KIND OF CROP - CORN PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - AFT OF PILOT ELEVATION-AREA BEING TREATED-FEET - 900 REMARKS- SWATH RUN INTO SUN.HIT WIRES.						
		KIND OF OPERATION - SPRAYING CROPS TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC CRASH HELMET - AVAILABLE-USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - LEVEL,FLAT SWATH RUN-HOW FLOWN - WIND CALM				
3-4074	8/27/74 TIME - 1515	QUINCY,WASH	BELL 47G-2 N6717D DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0	MISCELLANEOUS FERRY	COMMERCIAL, FL.INSTR., AGE 42, 2380 TOTAL HOURS, 90 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - QUINCY DEPARTURE POINT ROYAL CITY,WASH	INTENDED DESTINATION QUINCY,WASH			
		TYPE OF ACCIDENT MISCELLANEOUS HARD LANDING	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING POWER-ON LANDING			
PROBABLE CAUSE(S) ROTORCRAFT - FLIGHT CONTROL SYSTEMS OTHER MISCELLANEOUS ACTS,CONDITIONS - ERRATIC PILOT IN COMMAND - SPONTANEOUS-IMPROPER ACTION						
FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - IMPROPER EMERGENCY PROCEDURES EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND FIRE AFTER IMPACT REMARKS- ERRATIC FEEDBACK IN CYCLIC PITCH CTL SYS FOR UNDET REASON.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2881	9/11/74 TIME - 1400	RUFF, WASH	BELL 47G-2 N3794G DAMAGE-SUBSTANTIAL INTENDED DESTINATION UNKNOWN/NOT REPORTED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 33, 4134 TOTAL HOURS, 230 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT UNKNOWN/NOT REPORTED			PHASE OF OPERATION IN FLIGHT SWATH RUN 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 - 210 KIND OF CROP - CLOVER PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED GOGGLES - NOT USED TANK/HOPPER-LOCATION - UNKNOWN/NOT REPORTED ELEVATION-AREA BEING TREATED- FEET - 1200						
KIND OF OPERATION - DEFOLIATION (LIQUID) TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC GLOVES - NOT USED CRASH HELMET - AVAILABLE-USED TERRAIN-TYPE - LEVEL, FLAT SWATH RUN-HOW FLOWN - UPWIND						
3-3836	11/4/74 TIME - 0830	KINGSTON, WASH	BELL 47G-2 N5160B DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 25, 2000 TOTAL HOURS, 30 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - KINGSTON HELIPAD			LAST ENROUTE STOP KINGSTON, WASH			
DEPARTURE POINT SEATTLE, WASH			INTENDED DESTINATION SEQUIM, WASH			
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) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING WEATHER - LOW CEILING WEATHER - FOG WEATHER BRIEFING - NO BRIEFING RECEIVED WEATHER FORECAST - UNKNOWN/NOT REPORTED						
SKY CONDITION OVERCAST/LOWER SCATTERED VISIBILITY AT ACCIDENT SITE 1 MILE OR LESS OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG TYPE OF FLIGHT PLAN NONE			CEILING AT ACCIDENT SITE 100 PRECIPITATION AT ACCIDENT SITE UNKNOWN/NOT REPORTED TYPE OF WEATHER CONDITIONS IFR			
REMARKS- ACFT NOT EQUIPPED FOR INSTRUMENT FLT.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4345	11/4/74 TIME - 1210	NR, MARBLEMOUNT, WASH	BELL 205-A1 N59436 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL OTHER	COMMERCIAL, AGE 40, 5182 TOTAL HOURS, 22 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT MARBLEMOUNT, WASH	INTENDED DESTINATION LOCAL			PHASE OF OPERATION IN FLIGHT HOVERING	
	TYPE OF ACCIDENT COLLIDED WITH TREES					
	PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED CLEARANCE					
	FACTOR(S) ROTORCRAFT - ROTOR ASSEMBLIES TAIL ROTOR BLADES MISCELLANEOUS ACTS, CONDITIONS - SEPARATION IN FLIGHT TERRAIN - HIGH OBSTRUCTIONS					
	REMARKS- LOGGING OPN, EXTERNAL LOAD, T/R HIT TREE, SEPARATED, CRASHED ON 60 DEG SLOPE.					
3-3292	8/10/74 TIME - 0710	LAYLAND, W VA	BELL 47G2A1 N1215W DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 21, 1140 TOTAL HOURS, 380 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT LAYLAND, W VA	INTENDED DESTINATION LOCAL			PHASE OF OPERATION IN FLIGHT SWATH RUN	
	TYPE OF ACCIDENT COLLIDED WITH TREES					
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.					
	FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - JETTISONED LOAD TERRAIN - HIGH OBSTRUCTIONS					
	SPECIAL DATA TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED KIND OF CROP - FOREST-TREES PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - SIDES ELEVATION-AREA BEING TREATED- FEET - 3500					
	KIND OF OPERATION - DEFOLIATION (LIQUID) TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC GLOVES - NOT USED CRASH HELMET - AVAILABLE-USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - MOUNTAINOUS SWATH RUN-HOW FLOWN - DOWNWIND					
	REMARKS- DRG ATMP T TO SPRAY UPHILL, LOST ROTOR RPM, STRUCK TREES DRG DSCNT.					

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3280	10/17/74 TIME - 1345	NR.WAYNE,W VA	BELL 47G4A N8124J DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 2	COMMERCIAL OTHER	COMMERCIAL, FL.INSTR., AGE 34, 6428 TOTAL HOURS, 120 IN TYPE, NOT INSTRU- MENT RATE.
DEPARTURE POINT INTENDED DESTINATION CHARLESTOWN,W VA WAYNE,W VA TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH WIRES/POLES LANDING POWER-ON LANDING PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS FIRE AFTER IMPACT REMARKS- TIMBER SURVEILLANCE FLT.STRUCK WIRES DRG DSCNT TO LND.						
3-4005	12/24/74 TIME - 1157	WILLOW IS,W VA	ENSTROM F-28A N9278 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 33, 873 TOTAL HOURS, 2 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION PARKERSBURG,W VA MORGENTOWN,W VA TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER UNCONTROLLED TAXI AERIAL TAXI TO TAKEOFF 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 - LACK OF FAMILIARITY WITH AIRCRAFT REMARKS- LOST L PEDAL CTL DRG L TURN ABT 20 FT AGL.						
3-0214	2/17/74 TIME - 1200	WIND LAKE,WIS	BENSEN B8MV N2473 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 27, 32 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - HUNT FIELD DEPARTURE POINT INTENDED DESTINATION FRANKSVILLE,WIS WIND LAKE,WIS TYPE OF ACCIDENT PHASE OF OPERATION AIRFRAME FAILURE IN FLIGHT IN FLIGHT NORMAL CRUISE NOSE OVER/DOWN LANDING ROLL-ON/RUN-ON PROBABLE CAUSE(S) AIRFRAME - LANDING GEAR SKI ASSEMBLIES AIRFRAME - LANDING GEAR OTHER MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT TERRAIN - SNOW-COVERED REMARKS- CONVERTED VOLKSWAGEN ENGINE. LOOSE AND UNCONTROLLABLE SKI DUG INTO SNOW. A/C OVERTURNED UPON LNDG.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0839	3/24/74 TIME - 1530	SUPERIOR, WIS	ENSTROM F-28A N9592 DAMAGE-SUBSTANTIAL	CR- 1 0 0 PX- 0 2 0	NONCOMMERCIAL BUSINESS	COMMERCIAL, AGE 28, 740 TOTAL HOURS, 81 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT DULUTH, MINN			INTENDED DESTINATION LOCAL		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						
FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - UNWARRANTED LOW FLYING TERRAIN - HIGH OBSTRUCTIONS						
REMARKS- HIT ELECTRICAL PWR LINES, FLIPPED OVER.						
3-2350	8/6/74 TIME - 1610	CENTERVILLE, WIS	BELL 47D1 N3655F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL. INSTR., AGE 31, 3691 TOTAL HOURS, 1579 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT CENTERVILLE, WIS			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) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING TERRAIN - HIGH OBSTRUCTIONS MISCELLANEOUS ACTS, CONDITIONS - LOAD NOT JETTISONED						
SPECIAL DATA						
TOTAL HOURS IN CROP CONTROL - 950			KIND OF OPERATION - FERTILIZING (LIQUID)			
KIND OF CROP - CORN			TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOTOXIC			
PILOT'S SEAT BELT - FASTENED-PROPERLY			GLOVES - USED			
GOGGLES - USED			CRASH HELMET - AVAILABLE-USED			
COCKPIT CRASHPAD - NOT INSTALLED			CRASH BAR - NOT INSTALLED			
TANK/HOPPER-LOCATION - AFT OF PILOT			TERRAIN-TYPE - HILLY			
ELEVATION-AREA BEING TREATED- FEET - 660			SWATH RUN-HOW FLOWN - CROSSWIND			
REMARKS- HIT PWR LINE ON FIRST PASS.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1436	6/22/74 TIME - 0925	NR.DOUGLAS,WYO	HUGHES 269A N8859F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 49, 8120 TOTAL HOURS, 120 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT DOUGLAS,WYO	INTENDED DESTINATION LOCAL	PHASE OF OPERATION LANDING POWER-ON LANDING		
		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 - SELECTED UNSUITABLE TERRAIN TERRAIN - HIGH OBSTRUCTIONS						
REMARKS- COLLIDED WITH TELEPHONE LINE BY RANCH HOUSE IN CONFINED AREA.						
3-2582	8/28/74 TIME - 0548	PINEDALE,WYO	HILLER ACFT FH1100 N8673 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 38, 3443 TOTAL HOURS, 792 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - RALPH WENZ DEPARTURE POINT PINEDALE,WYO	INTENDED DESTINATION LOCAL	PHASE OF OPERATION TAKEOFF INITIAL CLIMB		
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER UNCONTROLLED				
PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION ROTORCRAFT - FLIGHT CONTROL SYSTEMS CYCLIC PITCH CONTROL SYSTEM MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY SECURED						
REMARKS- MAINT PERS FAILED TO SAFTY WIRE LOCK NUT ON CYCLIC FORE-AFT ACTUATOR.ACFT UNCONTROLLABLE ON TKOF.						
3-0679	4/12/74 TIME - 0730	WASHINGTON,DC	BELL 47G4A N22MP DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	MISCELLANEOUS POLICE PATROL	COMMERCIAL, AGE 28, 206 TOTAL HOURS, 1 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - ANACOSTIA DEPARTURE POINT WASHINGTON,DC	INTENDED DESTINATION LOCAL	PHASE OF OPERATION TAKOFF VERTICAL		
		TYPE OF ACCIDENT COLLIDED WITH OBJECT				
PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT						
REMARKS- R FLOAT/SKID STRUCK LNDG PLATFORM.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1860	7/4/74 TIME - 1315	WASHINGTON,DC	BELL 47G4A N21MP DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	MISCELLANEOUS POLICE PATROL	COMMERCIAL, FL.INSTR., AGE 39, 1563 TOTAL HOURS, 1221 IN TYPE, NOT INSTRU- MENT RATED.
NAME OF AIRPORT - ANACOSTIA DEPARTURE POINT WASHINGTON,DC INTENDED DESTINATION LOCAL TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT PROP/ENGINE VIBRATION SUSPECTED MECHANICAL DISCREPANCY REMARKS- APCH MADE TO 10FT AGL.EXPERIENCED 2ND PWR LOSS,UN MNTN RPM.						
3-3420	10/9/74 TIME - UNK/NR	MISSING AIRCRAFT	BELL 205A N297OW DAMAGE-DESTROYED	CR- 1 0 0 PX- 2 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 25, 1587 TOTAL HOURS, 1447 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT MCGRATH,ALAS INTENDED DESTINATION RETURN TYPE OF ACCIDENT MISSING AIRCRAFT,NOT RECOVERED PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED REMARKS- ACFT DMG & INJURY INDEX PRESUMED.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1506	4/18/74 TIME - 0700	SAN SABASTIAN,PR	BELL 47G2A1 N73264 DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 38, 2505 TOTAL HOURS, 289 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT SAN SABASTIAN,PR	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 - 50 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 - 375 FIRE AFTER IMPACT				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	
	REMARKS- M/R BLADES HIT PWR LINE.SPRAYING SUGAR CANE.					
3-3958	10/22/74 TIME - 1225	LAT 02S, LONG 04E	BELL 47G-5A N83069 DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0	COMMERCIAL FISH SPOTTING	COMMERCIAL, AGE 53, 6307 TOTAL HOURS, 4117 IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIRPORT - SHIP HELI PAD					
	DEPARTURE POINT LAT 02S, LONG 04E	INTENDED DESTINATION LOCAL				
	TYPE OF ACCIDENT COLLISION WITH GROUND/WATER	UNCONTROLLED			PHASE OF OPERATION TAKEOFF VERTICAL	
	PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS					
	FACTOR(S) PERSONNEL - MISCELLANEOUS-PERSONNEL GROUND CREWMAN MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER					
	REMARKS- TIEDOWN CHAIN TO R REAR X TUBE NOT RELEASED.ACFT SANK OFF AFRICAN COAST.					

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3691	12/2/74	GULF OF MEXICO	SIKORSKY S-55	CR- 0 0 1	NONCOMMERCIAL	COMMERCIAL, AGE 34, 4567
	TIME - 1605		N750A	PX- 0 0 5	CORP/EXEC	TOTAL HOURS, 210 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT		DAMAGE-SUBSTANTIAL			
	144A MAIN PASS		INTENDED DESTINATION			
	TYPE OF ACCIDENT		299C MAIN PASS			
	ENGINE FAILURE OR MALFUNCTION				PHASE OF OPERATION	
	DITCHING				IN FLIGHT NORMAL CRUISE	
					LANDING POWER-OFF AUTOROTATIVE LANDING	
	PROBABLE CAUSE(S)					
	POWERPLANT - ENGINE STRUCTURE CYLINDER ASSEMBLY					
	MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE					
	FACTOR(S)					
	TERRAIN - ROUGH WATER					
	PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE					
	EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER					
	REMARKS- NR 5 ENG CYLNR EXHST RKR BX CRCKD. EMERG LNDG MADE ON BCKSD OF WAVE IN 8 TO 10 FT SEA. FLOAT EQUIP.					

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