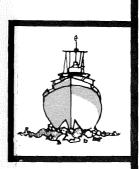
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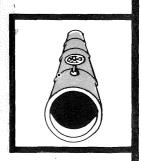


WASHINGTON, D.C. 20594



BRIEFS OF ACCIDENTS INVOLVING ROTORCRAFT

U. S. GENERAL AVIATION 1974



REPORT NUMBER: NTSB-AMM-75-15

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UNITED STATES GOVERNMENT

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### 15. Supplementary Notes

#### 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.

of accident, phase of operaircraft damage, injuries	e cause(s)/factor(s), type ration, kind of flying, pilot data.	18.Distribution This document is to the public to National Technic mation Service, Virginia 22151	s available nrough the cal Infor-Springfield,
19.Security Classification	·	21.No. of Pages	22.Price
(of this report) UNCLASSIFIED	(of this page) UNCLASSIFIED	162	

#### 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**

#### MFANING

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 INSTRUCTOR COMMERCIAL, FLIGHT. INSTR. CORP /E XEC CORPORATION/EXECUTIVE CR-CREW CTR CARGO-D CONTRACT/ CHARTER-CARGO-DOMEST IC CTR CARGO-I CONTRACT/ CHARTER-CARGO-INTERNATIONAL CTR PASSG-D CONTRACT/ CHARTER-PASS ENGER-DOMESTIC CTR PASSG-I CONTRACT/CHARTER-PASS ENGER-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 PASS6 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 NONSCHEDULED/CHARTER REVENUE PASSENGER-DOMESTIC NS/CTR REVENUE PASSG DOM NS/CTR REVENUE PASSG INTL NONSCHEDULED/CHARTER REVENUE PASSENGER-INTERNATL 0 T-OTHER AIRCRAFT AND GROUND **PARAJUMP** PARACHUTE JUMP PRIVATE , FL. INST R. PRIVATE FLIGHT INSTRUCTOR P X-PASSENGERS RADAR CTL/SURVEILLANCE RADAR CONTROL/SURVEILLANCE SCHEDULED CARGO SERVICE SCHED CARGO SRV 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

FATAL	SERIOUS	MINOR	NONE	UNKNOWN		TOTAL
37	27	47	174			285
2		1	7			10
3	1	2	14			20
2	1	3	9			15
23	18	33	122			196
67	47	86	326		ABOARD	526
3	1	_	5			9
2	4	ל				11
72	52	91	331			546
	2 3 3 2 2 23 67	37 27 2 3 1 2 3 1 23 18 67 47	37 27 47 2 1 3 1 2	37 27 47 174 2 1 7 3 1 2 14  2 1 3 9 23 18 33 122  67 47 86 326	37 27 47 174 2 1 7 3 1 2 14  2 1 3 9 23 18 33 122  67 47 86 326  3 1 5 2 4 5	37 27 47 174 2 1 7 3 1 2 14  2 1 3 9 23 18 33 122  67 47 86 326 ABOARD

INVOLVES 285 TOTAL ACCIDENTS INVOLVES 47 FATAL ACCIDENTS

<sup>\*</sup> 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.

## KIND OF FLYING BY PILOT CERTIFICATE

### PILOT CERTIFICATE

				IAL		'7. <sub>17</sub>	STR FI ERCIAL FI	7218.	, Prote	H OTED		
	STUDE	A, 12	(t .4	KAC.	, 6	iel k. W	68C, 161	THER NOW	6 1470 A	ξ <sub>6</sub> Ο,		
KIND OF FLYING	STUL	8014.	COM	MA	801A.	COM	MA,	THER NOW	1401		RECORDS	ACCIDENTS
INS TRUCTIONAL												
DUAL		1	1			16	2				20	5.0
SOLO	2		1								3	3
СНЕСК												
TRAINING	1		1			2					4	4
NONCOMMERCIAL												
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												
COMMERCIAL												
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												

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# ANALYTIC TABLE KIND OF FLYING BY PILOT CERTIFICATE

## PILOT CERTIFICATE

KIND OF FLYING OTHER UNKNOWM/NOT REPORTED MISCELLANEOUS	studi	PAN	on one	MERCIAL	PRIVA	COMM.	ATRICATED A	other act	ng of	ONTO ATO	RECORDS 11	ACCIDENTS 11
EXPERIMENTATION		_	_								6	6
TEST		2	3	1							3	3
DEMONSTRATION			1			2					.9	9
FERRY			7			2						
SEARCH AND RESCUE			1								1	1
AIR SHOW/AIR RACING												
PARACHUTE JUMP												
PARACHUTE JUMP-AIR SHOW												
TOWING GLIDERS												
SEEDING CLOUDS												
HUNTING			2								2	2
POLICE PATROL			6			4					10	10
HIGHWAY TRAFFIC ADVISORY			1								1	1
ALL OTHER PUBLIC FLYING			2			2	1				5	5
OTHER							1				1	1
UNKNOWN/NOT REPORTED												
RECORDS	15	21	152	7	1	70	14	4	1		285	
ACCIDENTS	15	21	152	7	1	70	14	4	1			285

# FIRST TYPE OF ACCIDENT BY AIRCRAFT DAMAGE

### AIRCRAFT DAMAGE

FIRST TYPE OF ACCIDENT	0E5T®	OTED TRATIAL SUBSTRIBLE	nte.	RECORDS	ACCIDENTS
GROUND-WATER LOOP-SWERVE		4		4	4
DRAGGED 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
COLLISION BETWEEN AIRCRAFT					
BOTH IN FLIGHT	3	1		4	4
ONE AIRBORNE					
BOTH ON GROUND		1		1	1
COLLISION WITH GROUND/WATER					
CONTROLLED	5	13		18	18
UNCONTROLLED	11	19		30	30
CULLIDED MITH					
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	ı
PARKED AIRCRAFT (UNATTENDED)					
AUTOMOBILE	1	1		2	2
DIRT BANK					

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## FIRST TYPE OF ACCIDENT BY AIRCRAFT DAMAGE

### AIRCRAFT DAMAGE

	AIR	CKAF	IDA	MAGE		
FIRST TYPE OF ACCIDENT	Q£.	JROTED SUBS	ANTIA	hour.	RECORDS	ACCIDENTS
TITE OF ACCIDENT		•	·			
OTHER	2	6			я	Я
BIRD STRIKE						
STALL						
SPIN						
SPIRAL						
MUSH						
FIRE OR EXPLOSION						
IN FLIGHT						
ON GROUND	2				2	2
AIRFRAME FAILURE						
IN FL1GHT	6	6			12	12
ON GROUND	1	1			2	2
ENGINE TEARAWAY						
ENGINE FAILURE OR MALFUNCTION	17	61			78	78
PROPELLER/ROTOR FAILURE						
PROPELLER	1				1	1
TAIL ROTOR	7	6			13	13
MAIN ROTOR	3	1			4	4
PROP ROTOR ACONT TO PERSON		1	2	2	5	5
JET INTAKE/EXH ACONT 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		185	2	2	202	285
	26	107	۲.	<u>_</u>		200

# FIRST PHASE OF OPERATION BY INJURY INDEX INJURY INDEX

			,				
FIRST OPERATIONAL PHASE	4A1	A SER	MIE	404 108	,	RECORDS	ACCIDENTS
STATIC							
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
IXAT					,		
TO TAKENFF							
FROM LANDING							
OTHER							
GROUND TAXI TO TAKEOFF							
GROUND TAXI FROM LANDING							
GROUND TAXI, OTHER							
AERIAL TAXI TO TAKFOFF				1		1	1
AERIAL TAXI TO/FROM LANDING			1	1		2	2
AERIAL TAXI, OTHER				1		1	1
TAKEOFF							
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	?
ABORTED (ROTORCRAFT/STOL)				1		1	ı
OTHER	1	1	1	3		6	6
INFLIGHT							
CLIMB TO CRUISE	1			1		?	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							

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## FIRST PHASE OF OPERATION BY INJURY INDEX

### INJURY INDEX

FIRST OPERATIONAL PHASE	iala	SERIO	WIN	404¢	, RECORDS	ACCIDENTS
UNCONTROLLED DESCENT	4			1	5	5
EMERGENCY DESCENT	•			•		
	3			1	4	4
LOW PASS		,	,	11	21	21
OTHER	8	ı	1		3	3
EN ROUTE TO TREAT CROP				3	1	1
EN ROUTE TO RELOADING AREA				1	1	1
SURVEY FIELD/AREA				1		4
STARTING SWATH RUN			1	3	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
LANDING						
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 (VER)			3		3	3
MISSED APPROACH (IFR)						
OTHER	1	1		5	7	7
UNKNOWN/NOT REPORTED	1				1	1
SHARDINATOL KLEOKIED	1					
RECORDS	47	30	53	155	285	
ACCIDENTS	47	30	53	155		285

# ROTORCRAFT U. S. GENERAL AVIATION ACCIDENTS

1974

INVOLVES 285 TOTAL ACCIDENTS INVOLVES 47 FATAL ACCIDENTS

		FAI	AL ACCID	EMTS	NUME O	TAL ACCI	DEN1S	ALL ACCIDENTS		
	BROAD CAUSE/FACTOR	CAUSE	FACTOR	TOTAL*	CAUSE	FACTOR	TOTAL*	CAUSE	FACTOR	TOTAL*
	PILOT	29 61.70	10 21.28	31 65 <b>.</b> 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	4? 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
5	SYSTEMS	.00	.00	.00	• 00	.00	.00	.00	•00	•00
2	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 <b>.</b> 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 NUMBER AND PERCENT OF ACCIDENTS IN WHICH THAT PARTICULAR CAUSAL CATEGORY WAS ASSIGNED

<sup>\*</sup> 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

# ROTORCRAFT U. S. GENERAL AVIATION ACCIDENTS

1974

1NVOLVES 285 TOTAL ACCIDENTS INVOLVES 47 FATAL ACCIDENTS

	FAT	TAL ACCID	ENTS	NUNFATAL ACCIDENTS			ALL ACCIDENTS		
DETAILED CAUSE/FACTOR	C AU SE	FACTOR	TOTAL	CAUSE	F AC TOR	TOTAL	CAUSE	FACTOR	TOTAL
** PILU1 **									
PILOT IN COMMAND									
ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL BECAME LOST/DISORIENTED				5 2		5 2	5 2		5 2
CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS	2		2	3		3	5		5
DELAYED IN INITIATING GO-AROUND DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT	1	1	2	3 6	5	3 11	3 7	6	3 13
FAILED TO SEE AND AVOID OTHER AIRCRAFT	3	1	3	1	,	1	4	0	4
FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS	6		6	19		19	25		25
FAILED TO OBTAIN/MAINTAIN FLYING SPEED MISJUDGED, SPEED, ALTITUDE OR CLEARANCE				1 2		1 2	1 2		1 2
FAILED TO MAINTAIN ADEQUATE ROTOR RPM	6	1	7	39	2	41	45	3	48
FAILED TO USE OR INCORRECTLY USED MISC EQUIPMENT FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES ETC	1	1	1 1	5	1	6	6	1 1	1 7
IMPROPER OPERATION OF POWERPLANT + POWERPLANT CONTROLS	2		2	6	1	6	8		R
IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS IMPROPER OPERATION OF FLIGHT CONTROLS	5		5	1		1 35	1 40		1 40
IMPROPER LEVEL OFF	,		,	35 10		10	10		10
IMPROPER IN-FLIGHT DECISIONS OR PLANNING	2	1	3	6	1	7	8	2	10
IMPROPER COMPENSATION FOR WIND CONDITIONS INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING	1 1	4	1 5	9 30	2 6	11 36	10 31	2 10	12 41
INADEQUATE SUPERVISION OF FLIGHT	-	1	í	7		7	7	1	Я
LACK OF FAMILIARITY WITH AIRCRAFT MISMANAGEMENT OF FUEL				6 15	9	15 15	6 15	9	15 15
EXERCISED POOR JUDGMENT	2		2	1	2	3	3	2	5
OPERATED CARELESSLY				1	2	1	1		1
SELECTED UNSUITABLE TERRAIN INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS	1		1 1	14	2	16	15 1	2	17 1
SPONTANEOUS-IMPROPER ACTION	î		1	4	1	5	5	1	6
MISJUDGED DISTANCE, SPEED, AND ALTITUDE MISJUDGED DISTANCE AND SPEED				1		1	1		1
MISJUDGED DISTANCE AND ALTITUDE				3		3	3		3
MISJUDGED SPEED AND ALTITUDE MISJUDGED SPEED	1		1	26		26	27		27
MISJUDGED ALTITUDE AND CLEARANCE	1		1	1 3		1 3	2		2
MISJUDGED ALTITUDE				3		3	3		3
MISJUDGED CLEARANCE IMPROPER RECOVERY FROM BOUNCED LANDING	2		2	17 1		17 1	19 1		19 1
PHYSICAL IMPAIRMENT		1	1			-		1	1
SPATIAL DISORIENTATION LEFT AIRCRAFT UNATTENDED ENGINE RUNNING	2		2	1		1	3 1		3 1
FAILED TO MAINTAIN DIRECTIONAL CONTROL				5		1 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 MISJUDGED CLEARANCE				1		1	1		1
				1		1	1		1
SUBTOTAL				2		2	2		2
NUAL STUDENT				,		,	,		,
MISJUDGED DISTANCE, SPEED, ALTITUDE OR CLEARANCE FAILED TO MAINTAIN ADEQUATE ROTOR RPM				1 2		1 2	1 2		1 2
IMPROPER OPERATION OF FLIGHT CONTROLS				2		2	2		2
MISJUDGED SPEED AND ALTITUDE				1		1	1		1
SUBTOTAL				6		6	6		6

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

POWERPLANT (CONTINUED)	FATAL ACCIDENTS		N(INFA	NUMFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	10TAL	CAUSE	FAC TOR	TUTAL	CAUSE	FACTOR	TI)TAL
STARTERS				1		1	1		1
ENGINE CONTROLS-COCKPIT THROTTLE-POWER LEVER ASSEMBLIES POWERPLANT-INSTRUMENTS				1	1	2	1	1	2
FUEL QUANTITY GAUGE MISCELLANEOUS					2	2		2	2
POWERPLANT FAILURE FOR UNDETERMINED REASONS OTHER REDUCTION GEAR ASSEMBLY	2		2	22		22 2	24 2		24 2
GEARS, ACCESSORY DRIVE COMPRESSOR ASSEMBLY				1		1	1		1
SHAFT, ROTOR COMBUSTION ASSEMBLY TURBINE ASSEMBLY	1		1				1		1
WHEEL, TURBINE BEARING, SHAFT ACCESSORY DRIVE ASSEMBLY				1 1		1 1	1		1 1
LUBRICATING SYSTEM COOLER, DIL FUEL SYSTEM				1		1	1		1
SAFETY SYSTEM IGNITION SYSTEM TOROUEMEIER AIR BLEED EXHAUST SYSTEM									
CLAMPS THRUST REVERSER PROPELLER SYSTEM COMSTANT SPEED DRIVE				1		1	1		1
POMER LEVER PROPELLER LEVER REVERSE THRUST LEVER ENGINE INDICATING EQUIPMENT ENGINE INSTALLATION									
SUBTOTAL	5		5	43	4	47	48	4	52
** 1NSTRUMENTS/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	1	2
SUBTOTAL  ** ROTORCRAFT **	1	1	2	2	1	3	3	2	5
ROTOR ASSEMBLIES									
MAIN ROTOR BLADES TAIL RUTOR BLADES	2	1	2	2		2	2	1	2 4 1
MAIN ROTOR HEAD ASSEMBLIES BLADE TRIM TABS OTHER	1 2		1 2		1	1	1 2	1	1 2
TRANSMISSION ROTOR DRIVE SYSTEM MAIN ROTOR DRIVE SHAFT MAIN ROTOR PULLEYS, BELTS				1		1 1	1		1 1
TAIL ROTOR DRIVE SHAFT ASSEMBLY TAIL ROTOR GEAR BOX	1		1	5		5	6		6 3
CLUTCH ASSEMBLY FLIGHT CONTROL SYSTEMS CYCLIC PITCH CONTROL SYSTEM TAIL ROTOR PITCH CONTROL SYSTEM	1		1	5 3 2	1	6 3 2	6 4 2	1	7 4 2
OTHER MISCELLANEOUS UNITS AND ASSEMBLIES				2		2	2		2
TAIL BOOMS/PYLONS/CONES OTHER	1	1	2	1		1	1	1	2 1
SUBTOTAL	10	2	12	25	2	27	35	4	39

AIRPORTS/AIRWAYS/FACILITIES (CONTINUEO)	FAT	AL ACCID	ENTS		TAL ACCI		ΔL	L ACCIDE	NTS
	CAUSE	FAC10R	TOTAL		FACTOR		CAUSE	FACTOR	TUTAL
** AIRPORTS/AIRWAYS/FACILITIES **									
AIRPORT FACILITIES AIRPORT CONDITIONS SAMW ON RUMWAY HIGH VEGETATION OTHER AIRWAYS FACILITIES				1	1 1 5	1 1 6	1	1 1 5	1 1 6
SUBTOTAL				1	7	8	1	7	8
** WEATHER **									
LOW CEILING RAIN FOG SNOW CONDITIONS CONDUCIVE TO CARB/INDUCTION SYSTEM ICING UNFAVORABLE WIND CONDITIONS SUDDEN WINDSHIFT DOWNDRAFTS, UPDRAFTS (BSTRUCTIONS TO VISION HIGH DENSITY ALTITUDE THUNDERSTORM ACTIVITY	1	3 3 2 2 2	3 3 2 3 1 3	1 2 2	2 1 1 1 1 13 1 1 7	2 1 1 1 14 2 3 1 7	2 2 3	5 1 4 1 3 15 1 1 10	5 1 4 1 3 17 2 4 1 10
SUBTOTAL	2	13	15	5	29	34	7	42	49
** TERRAIN **									
WET, SUFT GROUND SNOW-COVERED HIGH VEGETATION HIDDEN OBSTRUCTIONS ROUGH/UNEVEN ROUGH WATER GLASSY WATER HIGH OBSTRUCTIONS SANDY OTHER	1	1 3 11 1 1	1 3 12 1	4 8 7 2	7 5 4 1 13 3 1 44	11 5 4 1 21 3 1 51	4 8 8 2	8 5 4 1 16 3 1 55 1 8	12 5 4 1 24 3 1 63 1
SURTOTAL									
	1	17	18	21	85	106	22	102	124
** MISCELLAMENUS **  VORTEX TURBULENCE EVASIVE MANEUVER TO AVOID COLLISION UMOUALIFIED PERSON OPERATED AIRCRAFT SABOTAGE FOREIGN DAJECT DAMAGE FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS UNDETERMINED	1	1	1 6	1 4 1 1 6	1	1 5 1 1 8 2	1 4 1 1 1 6 8	2	1 6 1 1 1 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 US DISREGARD OF GOOD OPERATING PRACTICF IMPROPER EMERGENCY PROCEDURES OWNARRANTED LOW FLYING INATIENTIVE TO FUEL SUPPLY POORLY PLANNED APPROACH MISCALCULATED FUEL CONSUMPTION JETTISONED LOAD IMPROPERLY SECUREO FATIGUE FRACTURE	E 2 1 1 1 3	1 3	2 2 3 1 1	I 1 1 2 1 3 4	1 1 1 1	1 1 2 2 2 2 2 1 3 3	3 1 1 1 3 1 3	2 1 4 1	3 3 2 5 2 3 1 4 3 7
RPM-UNCONTROLLABLE-OVERSPEED WINDSHIELD, DIRTY, FOGGY, ETC-RESTRICTED VISION WRONG PART	1		1	1	2 2	3 2	1	2	3 2 1

M 1	CCELL	AMEQUE	ACTC	CONDITIONS	(CONTINUED)
14	ろくたしし	AMEUUS	AL. 15.	COMPTITONS	COMPTINUED A

MISCELLANEOUS ACTS, CONDITIONS (CONTINUED)	FAI	FATAL ACCIDENTS 6			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	10TAL	CAUSE	FACTOR	TOTAL	CAUSE	FAC TOR	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/CURROSION				1		1	1	,	1	
CONGESTED TRAFFIC-PATTERN PILOT FATIGUE		1	1		1	1		1	1 1	
FUEL EXHAUSTION				13	1	13	13	1	13	
FUEL CONTAMINATION-EXCLUSIVE OF WATER IN FUEL	1		1	15		13	1		1	
ALCOHOLIC IMPAIRMENT OF EFFICIENCY AND JUDGMENT	1	1	1				1	1	ί	
ICE-CARBURETOR	2		2	1		1	3		3	
IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR CG	2,	1	1	1	2	2	-	3	3	
INTERFERENCE WITH FLIGHT CONTROLS	1		i		-	2-	1.		1	
WHITEOUT	•		-		1	1	*	1	ì	
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	l		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 LEAK/LEAKAGE				1	1	1	1	1	1 1	
DOWNWIND		1	1	1	4	4	1	5	5	
LOOSE, PART/FITTING			1	2	7	2	2		2	
GROUND RESONANCE				ī		ī	ī		1	
BINDING				ì		ī	1		i	
DISCONNECTED	2		2	4		4	6		6	
EXCESSIVE-WEAR/PLAY	1		1	3		3	4		4	
ERRATIC				1	1	2	1	1	2	
IMPROPERLY INSTALLED	2	1	3	5		5	7	1	B	
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

FILE NUMBER	AIRCRAF REGIST.		LOCATION	AIRCRA MAKE 	FT MODEL	INJURY INDEX
3 0025	N8718F	012274	ST MATTHEWS,SC	HUGHE S	269 <b>-</b> 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 <b>-</b> 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	ваму	NONE
3 0248	N9057	022674	OLMITO, TEX	ENSTROM	F-28A	NONE
3 0251	N4833	030874	GLORIA, LA	BELL	206B	NONE
3 0256	N892 <b>7</b> F	010574	BURBANK, CALIF	HUGHES	269A	NONE
3 0257	N9103F	022374	BURBANK, CALIF	HUGHE S	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 , AR I Z	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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FILE NUMBER	AIRCRAF REGIST.		LOCATION	AIRCRA MAKE 	FT MODEL	INJURY INDEX
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	BSM	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	F 28 A	NONE
3 0609	N977	040774	NROHNERVILLE, CALIF	SCORPION	ΙΙ	MINOR
3 0636	N8975F	021674	BOISE CITY,OKLA	HUGHE S	269C	FATAL
3 0637	N144CB	032974	NEW ROCHELLE, NY	BELL	206B	NONE
3 0674	N8719F	020574	SCOTT CITY, KANS	HUGHE S	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	HUGHE S	269B	FATAL
3 0839	N9592	032474	SUPERIOR, WIS	ENSTROM	F-28A	FATAL
3 0855	N8902F	042774	IMLAY CITY, MICH	HUGHE S	269A-1	NONE

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FILE NUMBER	AIRCRAF REGIST.		LOCATION	AIRCRA MAKE	FT MODEL	INJURY INDEX
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	<b>26</b> 9B	SERIOUS
3 0967	N8259	042474	NEAST DAYTON, NEV	ALOUETTE	III	MINOR
3 1014	N8 <b>491</b>	042374	SLATON, TEX	PAULICKS	B-8	NONE
3 1045	N100EH	060574	NTALKEETNA, ALAS	HILLER ACFT	UH-12E	MINOR
3 1064	N865RL	050774	NKANEOHE, 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	HUGHE S	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	HUGHE S	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	AIRCRAF REGIST.		LOCATION	AIRCRA MAKE 	FT MODEL	INJURY INDEX
3 1293	N4775S	031474	NMIAMI,FLA	BELL	47G-2	SERIOUS
3 1299	N5199B	052474	RICHMOND, VA	BELL	47 J	FATAL
3 1317	N9660	031674	NOCHOPEE, FLA	BELL	47D1	NONE
3 1328	N25802	041074	BLUE RIDGE,GA	BELL	<b>47</b> G	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

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FILE NUMBER	AIRCRAF REGIST.		LOCATION	AIRCRA MAKE 	FT 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	HUGHE S	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 <b>-</b> 5	NONE
3 1986	N2173U	062574	WHEELING, ILL	BRANTLY	в2В	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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FILE NUMBER	AIRCRAF REGIST.		LOCATION	AIRCRA MAKE 	MODEL	INJURY INDEX
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

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FILE NUMBER	AIRCRAF REGIST.		LOCATION	AIRCRAI MAKE 	FT 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	<b>47</b> G	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	<b>206</b> B	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	AIRCRAF REGIST.		LOCATION	AIRCRA 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	HUGHE S	2698	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	N86 <b>7</b> 9	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	HUGHE S	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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	RCRAFT GIST. DATE	LOCATION	AIRCRA MAKE 	FT MODEL	INJURY INDEX
3 3292 N1	.215W 081074	LAYLAND, W VA	BELL	47G2A1	SERIOUS
3 3301 N8	567F 110274	FT.SMITH, ARK	BELL	47J-2A	NONE
3 3319 N1	.135W 090674	NGRAND VALLEY, COLO	BELL	47G3B1	NONE
3 3329 N8	3033 082074	NRED HILL,N MEX	BELL	212	NONE
3 3343 N9	099F 040274	NPETERSBURG, ALAS	HUGHE S	369HS	NONE
3 3348 N1	12EC 090174	NKETCHIKAN, ALAS	HILLER ACFT	UH-12E	MINOR
3 3352 N4	352G 101274	BRINKLEY, ARK	MCCULLOUGH	J-2	SERIOUS
3 3368 N3	084G 112174	NJOSHUA TREE, CALIF	BELL	47G3B1	NONE
3 3389 N9	487F 103074	WATERLOO,IOWA	HUGHES	269B	NONE
3 3393 N1	380X 061074	DODGE CITY, KANS	BELL	47G-3B	NONE
3 3400 N2	870B 080574	MERIDAN, MINN	BELL	47G-2	NONE
3 3413 N6	8880 110274	CROSS ANCHOR,SC	HELIO ACFT	H-295	NONE
3 3417 N7	4098 091374	HORNTOWN, VA	BELL	47G-2A	NONE
3 3420 N2	970W 100974	MISSING AIRCRAFT	BELL	205A	FATAL
3 3428 NO	NE 090174	DEPAUW, IND	HILLER ACFT	OH-23B	NONE
3 3488 N7	8485 113074	VENICE, LA	BELL	47G-4A	MINOR
3 3507 N8	678F 100874	ILIAMNA, ALAS	HILLER ACFT	FH1100	NONE
3 3513 N5	905X 110274	NMESA, ARIZ	BRANTLY	B-2	NONE
3 3521 N6	2886 111874	NBEAR VALLEY, CALIF	ALOUETTE	SA315B	NONE
3 3566 N2	214W 092474	PLANT CITY, FLA	BELL	47G-5	NONE
3 3571 N9	301F 083074	ALMA,GA	HUGHE S	269B	MINOR
3 3584 N4	879 100374	MARSHFIED, MASS	ENSTROM	F-28A	NONE
3 3596 N1	9BW 063074	MONROE, NY	ENSTROM	F-28A	MINOR
3 3623 N5	4059 112274	VALPARAISO, IND	SIKORSKY	S-52-3	NONE
3 3668 N4	730R 121774	ALBUQUERQUE,N MEX	BELL	47G3B2	SERIOUS
3 3686 N7	3972 090574	NOGDEN, UT	BELL	47G3B1	FATAL

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FILE NUMBER	AIRCRAF REGIST.	DATE	LOCATION	AIRCRA MAKE 	MODEL	INJURY INDEX
3 3691	N750A	120274	GULF OF MEXICO	SIKORSKY	S <b>-</b> 55	NONE
3 3747	N9171F	061374	NWRANGELL, ALAS	HUGHE S	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	HUGHE S	269B	NONE
3 3813	N3306	102674	EUGENE, OREG	BENSEN	ваме	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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FILE NUMBER	AIRCRAF REGIST.		LOCATION	AIRCRA MAKE 	FT MODEL	INJURY INDEX
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	47 J-2A	FATAL
3 4221	N409RG	122174	NAUBURN, CALIF	BELL	47G3B1	FATAL
3 4225	N13583	110774	NSPRINGERVL, ARIZ	SUD AVN	S A 3 15 B	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	HUGHE S	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	FOCATION	AIRCRAFT DATA				FLIGHT PURPOSE		PILOT DATA	
3-1407	6/14/74 TIME - 06		BELL 47G-4 N1160W DAMAGE-SUBSTANTIAL			0 1 0 0			COMMERCIAL, AGE 32, 713 TOTAL HOURS, 144 IN TYPE, NOT INSTRUMENT RATED.	
		/ILLE,ALA	INTENDED DESTINATION LOCAL		D	HASE	DE OPERATION			
		FAILURE OR MALFUNC		IN FLIGHT NORMAL CRUISE LANDING POWER-ON LANDING						
	POWERPL PILOT I TERRAIN PARTIAL F	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  FMERGENCY 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									

#### BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	I N J F	JUR I S	ES M.	/N	FLIGHT PURPOSE	PILOT DATA
3-1905	6/30/74 TIME - 17	FAIRHOPE,ALA 700 AIRPORT - KLUMP AIRS	BENSEN B8M N62518 DAMAGE-SUBSTANTIAL	CR- PX-	0	0	1 0	NONCOMMERCIAL PLEASURE/PERSONAL TRA	STUDENT, AGE 72, 109 ANSP TOTAL HOURS, 78 IN TYPE, NOT INSTRUMENT RATED.
	DEDADTIBE	= DOINT	INTENDED DESTINATION						
	FAIRHOR TYPE OF A GROUND- GEAR CO			TΑ	K EO	F OPERATION FF RUN FF RUN			
		IN COMMAND - FAILED 1 IN COMMAND - FAILED 1	TO MAINTAIN DIRECTIONA TO ABORT TAKEOFF	L CONT	TROL				
	AIRPORT MISCELI	TS/AIRWAYS/FACILITIES _ANEOUS ACTS,CONDITIO	S - AIRPORT CONDITIONS DNS - OVERLOAD FAILURE D RWY•PLT TRIED TO PUL			то	ΔΙ	R.ACFT DID NOT RESPOND	O DUE LOSS OF L WHEEL.
3-0397	1/21/74 TIME - 14	DEADHORSE•ALAS 445	BELL 206B N2954W	CR- PX-	0	0	1 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 22, 2319 TOTAL HOURS, 479 IN TYPE, INSTRUMENT RATED.
	DEPARTURI FIN CF TYPE OF A	E POINT REEK,ALAS ACCIDENT	N2954W DAMAGE-SUBSTANTIAL INTENDED DESTINATION DEADHORSE,ALAS		PH	ΔS	E O	F OPERATION	INSTRUMENT RATED.
	COLLIDE	ED WITH WIRES/POLES				LΔ	NDI	F OPERATION NG FINAL APPROACH	
	PILOT FACTOR(S) TERRAIN PILOT	) N - HIGH OBSTRUCTION IN COMMAND - INADEQUA	D UNSUITABLE TERRAIN S ATE PREFLIGHT PREPARAT				PLA	NNING	
	KEHAKKS	Wight VIII Alon 10 of	STOP SAME						
3-3343	4/2/74 TIME - 12	NR•PETERSBURG•ALAS 245	HUGHES 369HS N9099F DAMAGE-SUBSTANTIAL INTENDED DESTINATION PETERSBURG , ALAS	CR- PX-	0	0	1	NONCOMMERCIÁL CORP/EXEC	COMMERCIAL, AGE 33, 2486 TOTAL HOURS, 394 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE PETER: TYPE OF A ENGINE		PH	ΑS	E O	F OPERATION NG POWER-ON LANDING			
	HARD L					NG POWER-OFF AUTOROTA	ATIVE LANDING		
	POWERP MISCELI MISCELI PILOT	IN COMMAND - MISJUDG	ONS — OVERHEATED ONS — FATIGUE FRACTURE ED SPEED AND ALTITUDE						
	EMERGENC'		TE ENGINE FAILURE/FLAM RCED LANDING OFF AIRPO STAGE•				ΝE		

#### BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA BELL 47G-2	INJU	TEC		EL TOUT	PILOT DATA	
3-0809	4/23/74 TIME - 1325		BELL 47G-2 N2822B DAMAGE-SUBSTANTIAL	PX- 0	0	1 2	AIR TAXI-PASSG	ATR, FLIGHT INSTR., AGE 33, 3915 TOTAL HOURS, 200 IN TYPE, INSTRUMENT RATED.	
	TYPE OF ACC	IDENT	NTENDED DESTINATION LOCAL UNCONTROLLED				F OPERATION IG GO-AROUND	NATES C	
	PROBABLE CA PILOT IN PILOT IN PILOT IN FACTOR(S) MISCELLAN MISCELLAN TERRAIN - TERRAIN - REMARKS- UF								
3-1045	DEPARTURE P	OINT	HILLER ACFT UH-12E N100EH DAMAGE-SUBSTANTIAL NTENDED DESTINATION	CR- 0 PX- 0	0	1 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 26, 2110 TOTAL HOURS, 550 IN TYPE, NOT INSTRUMENT RATED.	
	RAINBOW TYPE OF ACC ENGINE FA NOSE OVER		f	ΙN	FLI	OPERATION GHT NORMAL CRUISE IG POWER-OFF AUTOROTATIV	'E 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. LNDD IN RIVER, SKIDS DUG IN SOFT SANDY RIVER BOTTOM.								

#### BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	I N J	UR I S	ES M/N	ı	FLIGHT PURPOSE		PILOT DATA
3-3767	6/11/74 N TIME - 094	IR.ANCHORAGE,ALAS 5	SUD AVN SA341G N37748 DAMAGE-SUBSTANTIAL	CR- PX-	0 0	0 2 0 0	I I DU	NS TRUCT I ON A	L	COMMERCIAL, FL.INSTR., AGE 27, 2000 TOTAL HOURS, 36 IN TYPE, NOT INSTRUMENT RATED.
		ID I NG	TENDED DESTINATION LOCAL			LAND	ING		AUTOROTATIVE AUTOROTATIVE	
	PILOT IN FACTOR(S) MISCELLA	I COMMAND - MISJUDGED	OPERATION OF FLIGHT ( S - OVERLOAD FAILURE	CONTRO	LS					
3-3747	6/13/74 N TIME - 204	IR.WRANGĖLL,ALAS 5	HUGHES 369C N9171F DAMAGE-SUBSTANTIAL	CR- PX-	0 0	0 <b>1</b> 0 0	. CC	DMMERCIAL R TAXI-PAS	SG	COMMERCIAL, AGE 23, 1286 TOTAL HOURS, 79 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE	PUINT	TENDED DESTINATION LOCAL L ROTOR							
	MISCELLA TERRAIN EMERGENCY	AFT - TRANSMISSION RO ANEOUS ACTS, CONDITION - ROUGH/UNEVEN CIRCUMSTANCES - FORC	TOR DRIVE SYSTEM TA S - MATERIAL FAILURE ED LANDING OFF AIRPO D FOR UNDET REASON•H	RT ON	LAN	D			LY	
3-3039	6/30/74 F TIME - 130	NR.UMIAT,ALAS 00	HILLER ACFT FH1100 N8679 DAMAGE-DESTROYED	CR- PX-	1 4	0 C	) C(	DMMERCIAL [R TAXI-PAS	SG	COMMERCIAL, AGE 37, 5254 TOTAL HOURS, 230 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE UMIAT, AI	POINT IN AS CIDENT	TENDED DESTINATION LOCAL IN UNCONTROLLED		PΗ	ΔSF	OF C	nPFRATION		
	PROBABLE ( POWERPL, MISCELL, MISCELL, COMPLETE ( MISSING A	CAUSE(S) ANT — COMPRESSOR ASSE NEOUS ACTS, CONDITION ANEOUS ACTS, CONDITION	MBLY SHAFT, ROTOR S - FATIGUE FRACTURE S - VIBRATION, EXCESS ENGINE FAILURE/FLAM	IVE						

FILE	DATE LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3768	7/2/74 NR.KETCHIKAN,AL/ TIME - 1300 DEPARTURE POINT KETCHIKAN,ALAS TYPE OF ACCIDENT COLLIDED WITH TREES	N5352V DAMAGE-SUBSTANTIAL	PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG  F OPERATION FF INITIAL CLIMB	COMMERCIAL, AGE 24, 2965 TOTAL HOURS, 300 IN TYPE, NOT INSTRUMENT RATED.
	PILOT IN COMMAND - IMPE FACTOR(S) TERRAIN - HIGH OBSTRUCT	LED TO MAINTAIN ADEQUATE CORRECTIONS TIONS ABT 50FT ABOVE TREES.ATM	OR PLANNING	LDG AREA.M/R CONTACT	ED A TREE.LOST CTL.
3-4266	7/21/74 NR.UMIAT,ALAS TIME - 1510  DEPARTURE POINT UMIAT,ALAS TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE	N58087 DAMAGE-DESTROYED INTENDED DESTINATION 68-47N,154-23W	PX- 0 0 0  PHASE DI	COMMERCIAL AIR TAXI-CARGO  F OPERATION IGHT NORMAL CRUISE	COMMERCIAL, AGE 31, 11595 TOTAL HOURS, 1374 IN TYPE, INSTRUMENT RATED.
	MISCELLANEOUS ACTS, CON	NTROL SYSTEMS TAIL ROTOR DITIONS — FATIGUE FRACTUR - FORCED LANDING OFF AIRP N FAILED.	E	SYSTEM	

		ATION AIRCRA		F		1\M	٧	PURPOSE	PILOT DATA
		7/30/74 NR.UMIAT,ALAS BELL 206A CR- 1 0 0 COMMERCIAL						COMMERCIAL OTHER	ATR, FLIGHT INSTR., AGE 53, 5100 TOTAL HOURS, 1100 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT LK UDRIVIK,ALAS TYPE OF ACCIDENT ROLL OVER	INTENDED DE LOCAL	STINATION					F OPERATION NG POWER-ON LAND	ING
	FACTOR(S) PILOT IN COMMAND PERSONNEL - MISCE WEATHER - UNFAVOR TERRAIN - ROUGH/L WEATHER BRIEFING -	- IMPROPER OPERATION - INADEQUATE SUPERVI ELLANEOUS-PERSONNEL RABLE WIND CONDITIONS UNEVEN UNKNOWN/NOT REPORTED UNKNOWN/NOT REPORTED	SION OF FLIC PASSENGER		ıLS				
	UNKNOWN/NOT REPORT WIND VELOCITY-KNOTS 15 TYPE OF FLIGHT PLAN UNKNOWN/NOT REPORT	DENT SITE RTED SION AT ACCIDENT SITE RTED S		R BLAD	PR WI TY	UNKI ECIF UNKI ND ( 360 PE ( VFR	NON PI NON DIF	AT ACCIDENT SITE N/NOT REPORTED TATION AT ACCIDEN N/NOT REPORTED EECTION-DEGREES WEATHER CONDITIO	T SITE
3-2360	8/4/74 NR.UMIAT, TIME - 1500	N47246	S58ST					COMMERCIAL CTR CARGO-D	UNK/NR, 13500 TOTAL HOURS, 256 IN TYPE,
	DEPARTURE POINT UMIAT,ALAS TYPE OF ACCIDENT HARD LANDING	INTENDED DE LOCAL	STINATION		PH			OPERATION FF VERTICAL	INSTRUMENT RATED.
	FACTOR(S) MISCELLANEOUS ACT	- IMPROPER OPERATION TS,CONDITIONS - LOAD LICATION OF COLLECTIV	NOT JETTISON	NED		TIVI	E (	BOUNCE.INSUFFICIE	NT COLLECTIVE FRICTION.

FILE			INJURIES FLIGHT F S M/N PURPOSE	PILOT DATA
	8/10/74 NR.UMIAT,ALAS TIME - 1030		CR- 0 0 1 COMMERCIAL PX- 0 0 1 AIR TAXI-PASSG  PHASE OF OPERATION	
	ROLL OVER		STATIC IDLING ROTORS	
	PILOT IN COMMAND - LEF FACTOR(S) TERRAIN - ROUGH/UNEVEN FIRE AFTER IMPACT	LED TO FOLLOW APPROVED PR T AIRCRAFT UNATTENDED, EN PLT LEFT CTLS TO ASSIST P	GINE RUNNING	
3-4269	TIME - 2000 DEPARTURE POINT	N9366 DAMAGE-SUBSTANTIAL INTENDED DESTINATION COLORADO STA,ALAS	0 2 0	COMMERCIAL, AGE 25, 2200 TOTAL HOURS, 60 IN TYPE, NOT INSTRUMENT RATED.
	COLLISION WITH GROUND/		LANDING LEVEL OFF/TOUCHDO	NWC
	MISCELLANEOUS ACTS, CON PERSONNEL - MAINTENANC FACTOR(S)	DITIONS - IMPROPERLY INST E,SERVICING,INSPECTION I	MPROPER MAINTENANCE (MAINTENANCE PE	R SONNE L )
	EMERGENCY CIRCUMSTANCES	DITIONS - OVERLOAD FAILUR - FORCED LANDING OFF AIRP CREWS IMPROPLY INSTALLED.		E.LND IN MARSH.

			AIRCRAFT DATA	_	C M	/ NI	FLIGHT	PILOT DATA
	9/1/74 NR.KET TIME - 1200	CHIKAN,ALAS S T		CR- 0 PX- 0	O O PHASE LAN	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		COMMERCIAL, AGE 31, 2226 TOTAL HOURS, 10 IN TYPE, NOT INSTRUMENT RATED.
	FACTOR(S) PILOT IN COMM	AND - MISJUDG AND - IMPROPE AND - LACK OF AVORABLE WIND G - UNKNOWN/N	OT REPORTED	ND CONDI		5		
	SKY CONDITION CLEAR VISIBILITY AT A 5 OR OVER OBSTRUCTIONS TO NONE TYPE OF FLIGHT NONE REMARKS- R FLOA	VISION AT AC	CIDENT SITE MTN RIDGE. WIND VBL 10	ı	UN L PRECI	IMI IPIT NE OF	AT ACCIDENT SITE TED ATION AT ACCIDENT SITE WEATHER CONDITIONS	
3-3507	TIME - 1000	т	N8678F DAMAGE-SUBSTANTIAL INTENDED DESTINATION PILE BAY,ALAS	PX- 0	O PHASE	1 E OF	NONCOMMERCIAL BUSINESS OPERATION F INITIAL CLIMB	COMMERCIAL, AGE 27, 4606 TOTAL HOURS, 52 IN TYPE, NOT INSTRUMENT RATED.
	COLLISION WIT  PROBABLE CAUSE( PILOT IN COMM MISCELLANEOUS COMPLETE POWER	H GROUND/WATE  S)  AND - INADEQU  ACTS, CONDITI  LOSS - COMPLE  MSTANCES - FO	R CONTROLLED  ATE PREFLIGHT PREPARA  ONS — WATER I'N FUEL  TE ENGINE FAILURE/FLAM  RCED LANDING OFF AIRPO	MEOUT-1	/OR F	PLAN	G POWER-OFF AUTOROTATI	VE LANDING

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FILE	DATE	LOCATION	AIRCRAFT DATA	IN,	JUR F	IES S M	/ N	FLIGHT PURPOSE	PILOT DATA
3-4204	12/28/74 TIME - 10	COLDFOOT,ALAS	SUD AVIATN SA341G N18842 DAMAGE-SUBSTANTIAL	CR- PX-	0	0	1 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE UNK/NR, 3300 TOTAL HOURS, 400 IN TYPE, NOT INSTRUMENT RATED,
	DEPARTURE COLDFO TYPE OF A	DT,ALAS	INTENDED DESTINATION LOCAL					F OPERATION FF ABORTED	NATED.
	PERSONM PILOT : ROTORCA MISCELI FACTOR(S) TERRAIA	IN COMMAND - INADEQ RAFT - FLIGHT CONTR LANEOUS ACTS,CONDIT ) N - ROUGH/UNEVEN	ERVICING, INSPECTION OF UATE PREFLIGHT PREPARAT DL SYSTEMS OTHER IONS — FROZEN, MOISTURE TOO LT OIL FOR SEVERE	NN I NG	·				
3-1737	2/25/74 TIME - 12	NR•SUPAI•ARIZ 245	BELL 47G3B1 N1321X	CR- PX-	0	0	1 0	COMMERCIAL CONSTRUCTION	COMMERCIAL, AGE 22, 1560 TOTAL HOURS, 85 IN TYPE, NOT INSTRUMENT RATED.
	TYPE UF A	E POINT PAI,ARIZ ACCIDENT ED WITH OBJECT	BELL 47G3B1 N1321X DAMAGE-SUBSTANTIAL INTENDED DESTINATION SUPAI, ARIZ		P	MAS	Ε (	F OPERATION NG OTHER	NUT INSTRUMENT RATED.
	PILOT PILOT MISCEL FACTOR(S MISCEL TERRAI EMERGENC	LANEOUS - EVASIVE M ) LANEOUS ACTS, CONDIT N - HIGH OBSTRUCTIO Y CIRCUMSTANCES - P L P	NEOUS-IMPROPER ACTION ANEUVER TO AVOID COLLIS IONS - JETTISONED LOAD	FF AIR			LIN	IG LOAD BEGAN SWINGING	
3-0715	3/18/74 TIME - 1 DEPARTURI GRND.C	GRND.CANYON,ARIZ 445 E POINT ANYON.ARIZ	BELL 206B N4052G DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	CR- PX-	0	0	1 2	COMMERCIAL OTHER	COMMERCIAL, AGE 39, 6960 TOTAL HOURS, 800 IN TYPE, NOT INSTRUMENT RATED.
	TYPE OF A	ACCIDENT			F	MAS	E	F OPERATION NG LEVEL OFF/TOUCHDO	WN
	PILOT FACTOR(S PILOT TERRAI	CAUSE(S) IN COMMAND - SELECT ) IN COMMAND - INADEQ N - SNOW-COVERED SNOW CRUST COLLAPS							

	DATE LOCATIO	N AIRCRAFT DATA	INJU	RIES S M,	'N	FLIGHT PURPOSE	PILOT DATA
3-0416	4/6/74 YUMA,ARIZ TIME - 0450	BELL 47G-5 N2294W DAMAGE-SUBSTANTIAL	CR- 0 PX- 0	0	1 1	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 33, 5120 TOTAL HOURS, 1500 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT YUMA, ARIZ TYPE OF ACCIDENT	INTENDED DESTINATION LOCAL		рнася	: n =	OPERATION	
	ENGINE FAILURE OR MA HARD LANDING	LFUNCTION		TAR	EOF	F INITIAL CLIMB IG POWER-OFF AUTOROTAT	VE LANDING
	PILOT IN COMMAND - M MISCELLANEOUS ACTS, C PILOT IN COMMAND - I FACTOR(S) MISCELLANEOUS ACTS, C COMPLETE POWER LOSS - EMERGENCY CIRCUMSTANCE	NADEQUATE PREFLIGHT PREPARA ISMANAGEMENT OF FUEL ONDITIONS - FUEL EXHAUSTION MPROPER LEVEL OFF  ONDITIONS - INATTENTIVE TO COMPLETE ENGINE FAILURE/FLA S - FORCED LANDING OFF AIRP ING BRIGHT NIGHT•REPOSITION	FUEL SUP MEOUT-1 ORT ON L	PLY ENGIN AND	ΙĒ		
3-2385	5/28/74 NR.PAYSON, ARI TIME - 1030	Z BELL 206B N4715R DAMAGE-SUBSTANTIAL	PX- 0	0	1	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					HENT KATED.
	TYPE OF ACCIDENT					OPERATION	
	ENGINE FAILURE OR MA HARD LANDING	LFUNCTION				[GHT NORMAL CRUISE IG POWER-OFF AUTOROTAT]	VE LANDING
	HARD LANDING  PROBABLE CAUSE(S)  POWERPLANT — MISCELL  PILOT IN COMMAND — 1  FACTOR(S)  TERRAIN — ROUGH/UNE\  COMPLETE POWER LOSS —	ANEOUS POWERPLANT FAILURE MPROPER LEVEL OFF	MEOUT-1	LAN TERM ENGII	INEC	G POWER-OFF AUTOROTAT	VE LANDING

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FILE	DATE L	OCATION	AIRCRAFT DATA	I N J U F	RIES S M	1/N	FLIGHT PURPOSE	PILOT DATA
								CERTIFICATE UNKNOWN, AGE ANSP 25, 1986 TOTAL HOURS, 3 IN TYPE, UNK/NR INSTRUMENT RATED.
	NAME OF AIRPORT DEPARTURE POINT MESA, ARIZ	- FALCON	TENDED DESTINATION LOCAL					
	COLLISION WITH	T H GROUND/WATER	CONTROLLED		PHAS TA	E O	FOPERATION FF INITIAL CLIMB	
	FACTOR(S) PILOT IN COMMA PILOT IN COMMA WEATHER - UNFA	AND — IMPROPER AND — IMPROPER AND — LACK OF F AVORABLE WIND C ACTS, CONDITION G — NO BRIEFING	IS - PILOT FATIGUE FRECEIVED	D CONDI		S		
	SKY CONDITION CLEAR						AT ACCIDENT SITE	
	VISIBILITY AT AC	CCIDENT SITE			PREC		TATION AT ACCIDENT SI	TE
	OBSTRUCTIONS TO NONE TEMPERATURE-F		RELA LE	TIV FT VE	E BEARING OF WIND DUARTERING HEAD WIND LOCITY-KNOTS	293-337 DEGREES		
	115 TYPE OF WEATHER CONDITIONS					OF	FLIGHT PLAN	
	VFR REMARKS- ACFT SM	VERVED TO R TAI	L LOW & HIT RWY.PLT	MILITAR		NE L I	RATED.ACFT UNCERT,NOT	REG.
3 <del>-</del> 1865	DEPARTURE POINT	IN	DAMAGE-SUBSTANTIAL TENDED DESTINATION	CR- 0 PX- 0	1 0	0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 35, 4490 TOTAL HOURS, 900 IN TYPE, INSTRUMENT RATED.
	TYPE OF ACCIDENT	г	LOCAL				- OPERATION	
	COLLIDED WITH				IN	FL	IGHT SWATH RUN	
	FACTOR(S)	AND - MISJUDGED	CLEARANCE ATTENTION FROM OPERA	TION OF	A T D	CDA	<b>=T</b>	
		AND - DIVERSED	ATTENTION PROM UPERA	TON UF	AIR	CKA	- 1	
	SPECIAL DATA TOTAL HOURS IN KIND OF CROP - PILOT'S SEAT E GOGGLES - NOT COCKPIT CRASH		TYPE	OF ES	OPERATION - SPRAYING CHEMICAL USED - LIOU - NOT USED ELMET - AVAILABLE-USE AR - NOT INSTALLED -TYPE - LEVEL,FLAT UN-HOW FLOWN - UPWIND	ID CHEMICAL-TOXIC		
	ELEVATION-AREA REMARKS- PLT PRE	A BEING TREATED	) -FEET - 200 SPRAY PUMP OPN• FLEW	INTO C	SWAT	H R	UN-HOW FLOWN - UPWIND	

FILE	DATE	LOCATION	AIRCRAFT DATA	I٨	JUR	IES		FLIGHT	PILOT DATA
		IR.MESA.ARIZ	DDANITLY D O	CD	_		_	TNCTOUCTIONAL	COMMERCIAL, FL.INSTR., AGE 30, 2755 TOTAL HOURS, 30 IN TYPE, NOT INSTRUMENT RATED.
	MESA, ARI		INTENDED DESTINATION LOCAL		Р			- OPERATION -F VERTICAL	
	DUAL STU PILOT IN FACTOR(S) TERRAIN	DENT - FAILED TO DENT - IMPROPER O COMMAND - INADEQ - OTHER	MAINTAIN ADEQUATE ROTOR PERATION OF FLIGHT CONT UATE SUPERVISION OF FLI	ROLS	М.				
3-4225	TIME - 150	NR•SPRINGERVL•ARIZ 10 RPORT — SPRINGERV	N13583 DAMAGE-DESTROYED	CR- PX-	1	0	0	MISCELLANEOUS FERRY	COMMERCÍAL, AGE 36, 4923 TOTAL HOURS, 335 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE SPRINGER TYPE OF AC	POINT RVL,ARIZ CCIDENT	INTENDED DESTINATION CASA GRANDE, ARIZ			TN	E1.	F OPERATION GHT NORMAL CRUISE IGHT UNCONTROLLED DESC	ENT
	MISCELLA MISCELLA PILOT IN FACTOR(S)	L - MAINTENANCE,S NEOUS ACTS,CONDIT NEOUS ACTS,CONDIT N COMMAND - FAILED	ERVICING, INSPECTION IMITONS — FUEL CONTAMINATIONS — WATER IN FUEL ON TO MAINTAIN ADEQUATE R	ON-EX	CLU R.P	SIV •M•	E O	F WATER IN FUEL	EW)
	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								ST IN FUEL.

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_			AIRCRAFT DATA		=	C 1	/ NI	DUDDOCE	PILOT DATA
	7/6/74 ALMYRA TIME - 0615	A,ARK	BELL 47D-1 N13012 DAMAGE-SUBSTANTIAL	CR- PX-	0	0	1	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 24, 2373 TOTAL HOURS, 60 IN TYPE, NOT INSTRUMEN RATED.
	DEPARTURE POINT ALMYRA, ARK TYPE OF ACCIDENT ENGINE FAILURE HARD LANDING		ITENDED DESTINATION LOCAL		Р	ΙN	FL	F OPERATION IGHT SURVEY FIELD/AREA NG LEVEL OFF/TOUCHDOWN	
	MISCELLANEOUS — POWERPLANT — RE MISCELLANEOUS A PILOT IN COMMAN PARTIAL POWER LOS	JIPMENT AND AC - FOREIGN MATE DUCTION GEAR ACTS, CONDITION ID — MISJUDGEO SS PARTIAL L	RIAL AFFECTING NORM ASSEMBLY GEARS, ACC	AL OPE ESSORY GINE	R A T DR	ION	S	T SPRAY, DUSTING EQUIPMEN	IT
	SPECIAL DATA TOTAL HOURS IN KIND OF CROP — GLOVES — NOT US CRASH HELMET — CRASH BAR — NOT TERRAIN—TYPE — REMARKS— SPRAY PM	RICE SED AVAILABLE-USE INSTALLED LEVEL,FLAT		CCSSRY	P G C T E	ILO OGC OCK ANK LEV	T'S LES PIT /HO ATI	OPERATION - SPRAYING CRUSEAT BELT - UNKNOWN/NOT - USED CRASHPAD - NOT INSTALLED PPER-LOCATION - SIDES ON-AREA BEING TREATED-FEUD SHEAR	REPORTED
3-2129	7/31/74 W.MEMP TIME - 1545		HUGHES 269A N8751F DAMAGE-DESTROYED	CR- PX-	0	0	2	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 23, 648 TOTAL HOURS, 225 IN TYPE, NOT INSTRU- MENT RATED.
	NAME OF AIRPORT - DEPARTURE POINT W.MEMPHIS,ARK TYPE OF ACCIDENT GEAR COLLAPSED ROLL OVER	I	S MUNI ITENDED DESTINATION LOCAL		Ρ	TA	K EO	F OPERATION FF VERTICAL FF VERTICAL	TENT KATED.
	MISCELLANEOUS A FACTOR(S) PERSONNEL - MAI	DING GEAR MA ACTS,CONDITION INTENANCE,SERV	IN GEAR-SHOCK ABSORB IS - FATIGUE FRACTUR VICING,INSPECTION I AD120-8,STRUT ASSY.	E				,ATTACHMENTS,ETC.	ENANCE PERSONNEL)

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3352	10/12/74 TIME - 184	BRINKLEY,ARK 45	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 AT	IRPORT - FRANK FED POINT	DERER MEM INTENDED DESTINATION			
	BRINKLEY	Y, ARK	INTENDED DESTINATION HELENA, ARK	DHASE OI	- OPERATION	
	PROPELLE ROLL OVE	ER/ROTOR FAILURE	MAIN ROTOR		C ENGINE RUNUP C ENGINE RUNUP	
	MISCELLA PILOT IN	AFT - TRANSMISSION ANEOUS ACTS,CONDIT N COMMAND - ATTEME	N ROTOR DRIVE SYSTEM MA TONS - MATERIAL FAILURE TED OPERATION BEYOND EX RATED.PRE-ROTATOR BELT	SPERIENCE/ABILI		
3-3301	11/2/74 TIME 134	FT.SMITH,ARK	BELL 47J-2A N8567F	CR- 0 0 1 PX- 0 0 3	COMMERCIAL OTHER	COMMERCIAL, AGE 31, 3387 TOTAL HOURS, 1089 IN
	DEDARTURE	DOINT	N8567F DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	1		TYPE, INSTRUMENT RATED.
	FT.SMITH	H, ARK	LOCAL	פוואנד ס		
	PROPELLE HARD LAI	ER/ROTOR FAILURE NDING	TAIL ROTOR	TAKEO LANDI	F OPERATION FF INITIAL CLIMB NG POWER-OFF AUTOROT	ATIVE LANDING
	MISCELLA PILOT IN FACTOR(S) TERRAIN EMERGENCY	AFT - FLIGHT CONTR ANEOUS ACTS,CONDIT N COMMAND - MISJUE - HIGH OBSTRUCTIO CIRCUMSTANCES - F	ROL SYSTEMS TAIL ROTOR FIDNS — MATERIAL FAILURE OGED SPEED AND ALTITUDE DNS FORCED LANDING OFF AIRPO ER RACE ROD BRNG OF PTO	: ORT ON LAND		SLPPD FOR UNDET REASN
3-0256	1/5/74 TIME - 11:	BURBANK,CALIF 15	HUGHES 269A N8927F DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0 DT- 0 0 1	INSTRUCTIONAL DUAL	ATR, FLIGHT INSTR., AGE 29, 4500 TOTAL HOURS, 100 IN TYPE, NOT INSTRUMENT
	NAME OF A	IRPORT - HOLLYWOOD POINT	D-BURBANK INTENDED DESTINATION LOCAL			RATED.
	TYPE OF A	CCIDENT	BOTH ON GROUND	PHASE O STATI	F OPERATION C STARTING ENGINE(S)	
	FACTOR(S)	EL - MISCELLANEOU:	S-PERSONNEL PILOT OF OT			

	· *		S OF ACCIDENTS		
FILE		AIRCRAFT DATA	F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0401	1/28/74 WESTMINSTER,CAL TIME - 1039	IF BELL 47D1		NONCOMMERCIAL PRACTICE	
	DEPARTURE POINT SANTA ANA,CALIF TYPE OF ACCIDENT AIRFRAME FAILURE IN FLI	INTENDED DESTINATION LOCAL		DF OPERATION LIGHT NORMAL CRUISE	KAILD.
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILE FACTOR(S) ROTORCRAFT - MISCELLANEO MISCELLANEOUS ACTS, CONDITIVE AFTER IMPACT REMARKS- LOW ROTOR RPM, BLAN	US UNITS AND ASSEMBLIES FIONS - SEPARATION IN F	TAIL BOOMS/PY LIGHT		IE FM OPERATOR EST.
3-0262	2/10/74 CORONA, CALIF TIME - 1610	BENSEN B8M N4341 DAMAGE-DESTROYED		NONCOMMERCIAL PLEASURE/PERSONAL TRANSF	STUDENT, AGE 47, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIRPORT - CORONA DEPARTURE POINT CORONA, CALIF TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE COLLISION WITH GROUND/WA		TAKEC	OF OPERATION OFF INITIAL CLIMB LIGHT UNCONTROLLED DESCEN	<b>I</b> T
	PROBABLE CAUSE(S) ROTORCRAFT - ROTOR ASSEM MISCELLANEOUS ACTS, CONDI PERSONNEL - MAINTENANCE, FACTOR(S) MISCELLANEOUS ACTS, CONDI REMARKS- IMPROP MODIFIED R	TIONS - IMPROPER CLEARA SERVICING,INSPECTION I TIONS - IMPROPERLY INST	NCE-TOLERANCE NADEQUATE MAIN	TENANCE AND INSPECTION	
3-0257	2/23/74 BURBANK, CALIF TIME - 0110	HUGHES 369HS N9103F Damage-Substantial	PX- 0 0 1	NONCOMMERCIAL BUSINESS	AIRLINE TRANSPORT, AGE 39, 7450 TOTAL HOURS, 687 IN TYPE, NOT INSTRUMENT
	NAME OF AIRPORT - HOLLYWOO DEPARTURE POINT BURBANK, CALIF TYPE OF ACCIDENT COLLIDED WITH OBJECT	D-BURBANK INTENDED DESTINATION LOCAL		DF OPERATION DFF VERTICAL	RATED.
•	PROBABLE CAUSE(S) PILOT IN COMMAND - MISJU REMARKS- MOTION PICTURE ST		: CART.		

FILE	DATE	LOCATION	AIRCRAFT DATA	I N	JUR F	IES S M	/ N	FLIGHT PURPOSE	PILOT DATA
3-0411	3/11/74 TIME - 11:	LONG BEACH,CALIF 15 IRPORT - LONG BEACH	HUGHES 269A N9333F DAMAGE-SUBSTANTIAL	CR- PX-	0	0	1 0	INSTRUCTIONAL TRAINING	STUDENT, AGE 23, 52 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
	LONG BEATYPE OF A	00102.11	INTENDED DESTINATION LOCAL		Р			F OPERATION IGHT HOVERING	
			R OPERATION OF FLIGHT AFT TO ROLLOVER.	CONTR	OLS				
3-0490	3/24/74 TIME - 07	NR•STOCKTON•CALIF 30	BELL 47G-5 N7923J DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	CR- PX-	0	0	1	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 34, 2927 TOTAL HOURS, 163 IN TYPE, NOT INSTRUMENT RATED.
	TYPE OF A	CCIDENT FAILURE OR MALFUNCT			Р	HAS IN LA	E C FL NDI	F OPERATION IGHT SWATH RUN NG POWER-OFF AUTOROTA	TIVE LANDING
	PILOT I MISCELL PILOT I FACTOR(S) PERSONN MISCELL COMPLETE	N COMMAND - INADEQU N COMMAND - MISMANA ANEOUS ACTS,CONDITII N COMMAND - IMPROPE EL - OPERATIONAL SU ANEOUS ACTS,CONDITII POWER LOSS - COMPLE	DNS - FUEL EXHAUSTION R LEVEL OFF	EFICI ICATI EOUT-	ENC ON 1 E	Y,C	O MP	NNING ANY MAINTAINED EQPMT,SI	ERVICES,REGULATION
	SPECIAL D TOTAL H KIND OF PILOT'S GOGGLES COCKPIT TANK/HO ELEVATI	ATA OURS IN CROP CONTRO CROP — OTHER SEAT BELT — UNKNOW — NOT USED CRASHPAD — NOT INS PPER-LOCATION — SID ON-AREA BEING TREAT	L - 2927 N/NOT REPORTED TALLED ES ED-FEET - 100		K T G C C T	IND YPE LOV RAS RAS ERR WAT	ES H F AIN H R	OPERATION - SPRAYING ( CHEMICAL USED - LIQUID - USED ELMET - AVAILABLE-USED AR - NOT INSTALLED - TYPE - LEVEL, FLAT UN-HOW FLOWN - CROSSWII DICATED TOO HI READING	ND

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FILE	DATE LO	DCATION	AIRCRAFT DATA	IN	JUR F	S	/N	FLIGHT PURPOSE	PILOT DATA	
3-0486	3/30/74 TURLOC TIME - 1000	CK,CALIF	ALOUETTE IIIB N7326 DAMAGE-SUBSTANTIAL	CR- PX-	0	0	1 0	COMMERCIAL CONSTRUCTION	COMMERCIAL, FL.INSTR., AGE 30, 4112 TOTAL HOURS, 66 IN TYPE, INSTRUMENT RATED.	
	NAME OF AIRPORT -	- TURLOCK IN	TENDED DESTINATION LOCAL							
	POWERPLANT - LU MISCELLANEOUS / MISCELLANEOUS / MISCELLANEOUS / PARTIAL POWER LOS EMERGENCY CIRCUM	PROBABLE CAUSE(S)  POWERPLANT - LUBRICATING SYSTEM COOLER, OIL  MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE  MISCELLANEOUS ACTS, CONDITIONS - OIL EXHAUSTION-ENGINE LUBRICATION SYSTEM  MISCELLANEOUS ACTS, CONDITIONS - ROW-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 NR.SEBAS TIME - 1000	STOPOL,CALIF	BELL 47D1 N68367 DAMAGE-SUBSTANTIAL	CR- PX-	0	0	1	NONCOMMERCIAL AERIAL SURVEY	NO CERTIFICATE, AGE 26, 2095 TOTAL HOURS, 139 IN TYPE, NOT INSTRUMENT RATED.	
	DEPARTURE POINT TWIN HILL RAN TYPE OF ACCIDENT ENGINE FAILURE COLLIDED WITH	OR MALFUNCTIO	TENDED DESTINATION LOCAL		F	PHAS IN LA	E O I FL NDI	F OPERATION IGHT NORMAL CRUISE NG POWER-OFF AUTORO		
	TERRAIN - HIGH COMPLETE POWER L	ISCELLANEOUS OBSTRUCTIONS OSS — COMPLETE	POWERPLANT FAILURE F ENGINE FAILURE/FLAM ED LANDING OFF AIRPO	1EDUT-	1 6	ENG1		D REASONS		
3-0609	4/7/74 NR.ROHNI TIME - 1300	ERVILLE,CALIF	SCORPION II N977 DAMAGE-SUBSTANTIAL	CR- PX-	0	0	1 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  TYPE OF ACCIDENT  HARD LANDING  ROLL OVER  PHASE OF OPERATION  LANDING POWER-ON LANDING  LANDING POWER-ON LANDING									
	ROLL OVER  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.									

FILE	DATE	LOCATION	AIRCRAFT DATA	I NJ	URIES S M	/N	FLIGHT PURPOSE		PILOT DATA
									STUDENT, AGE 22, 0 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIR DEPARTURE F DAVIS+CAL TYPE OF ACC	RPORT - YOLO COUNTY POINT IN .IF CIDENT	TENDED DESTINATION				F OPERATION FF INITIAL CLIMB		The montern warres.
	PILOT IN	COMMAND - ATTEMPTED COMMAND - FAILED TO	O OPERATION BEYOND EX O MAINTAIN ADEQUATE F PILOT HAD 14 HOURS TO	ROTOR R	.P.M.		TY LEVEL		
3-1663	5/5/74 TIME - 1515	INYOKERN,CALIF	BALLARD B-8M N17245 DAMAGE-SUBSTANTIAL	PX-	0 0 0 0	1 0	NONCOMMERCIAL PLEASURE/PERSONAL	TRANSP	PRIVATE, AGE 38, 199 TOTAL HOURS, 5 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE F INYOKERN, TYPE OF ACC	CIDENT ATER LOOP-SWERVE	TENDED DESTINATION LOCAL		LΔ	NDI	F OPERATION NG ROLL-ON/RUN-ON NG ROLL-ON/RUN-ON		THE RESERVE ALLESS
	PILOT IN	COMMAND - MISJUDGE	MAINTAIN DIRECTIONA	AL CONTI	ROL				
3-0819	5/6/74 TIME - 1616	REDWOOD CTY,CALIF	HUGHES 269B N9562F DAMAGE-DESTROYED	CR- PX-	1 0 0 0	1	INSTRUCTIONAL DUAL		ATR, FLIGHT INSTR., AGE 29, 5178 TOTAL HOURS, 300 IN TYPE, INSTRUMENT
	DEPARTURE F SAN CARL TYPE OF ACC NOSE OVER	LIDENI	NTENDED DESTINATION LOCAL				F OPERATION FF RUN		RATED.
	FACTOR(S) TERRAIN - TERRAIN - INSTRUMEN PERSONNEL	COMMAND - SELECTED - SANDY - WET, SOFT GROUND NTS/EQUIPMENT AND AG - PRODUCTION-DESIG	UNSUITABLE TERRAIN  CCESSORIES - MISCELLA N-PERSONNEL POOR/IN E THRU SURFACE AND DU	NADEQUA	TE DE	SIG	N	MPACT•	

		AIRCRAFT DATA		FLIGHT N PURPOSE	PILOT DATA
	5/9/74 NR.LONE PINE,C TIME - 1411	NT3212 DAMAGE-DESTROYED	CR- 0 1 PX- 0 0 OT- 1 0	O COMMERCIAL O AIR TAXI-PASSG 1	COMMERCIAL, FL.INSTR., AGE 41, 5473 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
		INTENDED DESTINATION UNKNOWN/NOT REPORTE E TAIL ROTOR	D LON	E PINE, CALIF	INSTRUMENT RATED.
	FIRE AFTER IMPACT		.E		-006-5.REASON UNDET.
3-1869	5/23/74 NR.CAYUCAS,CAL TIME - 0540	F BELL 47G-5 N1329X DAMAGE-DESTROYED	CR- 1 0 PX- 0 0	O COMMERCIAL O AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 45, 9100 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT CAYUCAS,CALIF TYPE OF ACCIDENT COLLISION WITH GROUND	INTENDED DESTINATION LOCAL		OF OPERATION FLIGHT SWATH RUN	THE INCIDENT NATION
	PROBABLE CAUSE(S) MISCELLANEOUS — UNDET	ERM INED			
	KIND OF CROP - PASTUR	DNTROL - UNKNOWN/NOT REPOR E KNOWN/NOT REPORTED I INSTALLED - SIDES	TYPE	OF CHEMICAL USED - LIQU	ID CHEMICAL-TOXIC

FILE	DATE	LOCATION		F	S M/	'N	PURPOSE					
3–2269	6/4/74 TIME - 114	CROCKETT, CALIF					MISCELLANEOUS POLICE PATROL	COMMERCIAL, FL.INSTR., AGE 34, 3347 TOTAL HOURS 3205 IN TYPE, NOT INSTRU- MENT RATED.				
		POINT	INTENDED DESTINATION									
	CONCORD TYPE OF AC		LOCAL		опус п		OPERATION	•				
		WITH WIRES/POLES	GHT 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.											
	MISCELLA	NEOUS ACTS, CONDITI	ONS - AIRCRAFT CAME T				TRAITS AT ABOUT 350	-T AGL.				
3-2657	MISCELLA REMARKS- P 6/23/74 N	NEOUS ACTS,CONDITI OLICE PATROL OF PA	ONS - AIRCRAFT CAME T RKS•HIT PWR LINES ACR F BELL 47G-3B	OSS CARO	JINEZ	0	NONCOMMERCIAL	COMMERCIAL, FL.INSTR., AGE 39, 3298 TOTAL HOURS 1500 IN TYPE, NOT INSTRU				
3-2657	MISCELLA REMARKS- P 6/23/74 N TIME - 101	NEOUS ACTS, CONDITI OLICE PATROL OF PA R.LA CRESCNTA, CALI 6	ONS - AIRCRAFT CAME T RKS.HIT PWR LINES ACR F BELL 47G-3B N8496E DAMAGE-DESTROYED	OSS CARO	JINEZ	0	NONCOMMERCIAL					
3-2657	MISCELLA REMARKS- P 6/23/74 N TIME - 101	NEOUS ACTS, CONDITI OLICE PATROL OF PA R.LA CRESCNTA, CALI 6 POINT S, CALIF	ONS - AIRCRAFT CAME T RKS.HIT PWR LINES ACR F BELL 47G-3B N8496E	CR- 2 PX- 0	0 0	0 0	NONCOMMERCIAL	COMMERCIAL, FL.INSTR., AGE 39, 3298 TOTAL HOURS 1500 IN TYPE, NOT INSTRU				
3-2657	MISCELLA REMARKS- P 6/23/74 N TIME - 101 DEPARTURE VAN NUY TYPE OF AC	NEOUS ACTS, CONDITI OLICE PATROL OF PA R.LA CRESCNTA, CALI 6 POINT S, CALIF	ONS - AIRCRAFT CAME T RKS.HIT PWR LINES ACR F BELL 47G-3B N8496E DAMAGE-DESTROYED INTENDED DESTINATION LOCAL	CR- 2 PX- 0	O O O	0 0	NONCOMMERCIAL PRACTICE	COMMERCIAL, FL.INSTR., AGE 39, 3298 TOTAL HOURS 1500 IN TYPE, NOT INSTRU				

- 480 Might; --

FILE	DATE	LOCATION	AIRCRAFT DATA	IN	JUR F	IES S M	/ N	FLIGHT PURPOSE	PILOT DATA	
3-1746	7/6/74 TIME - 074	LINDEN,CALIF 40	BELL 47G-2 N6701D DAMAGE-SUBSTANTIAL	CR- PX-	0	0 0	1 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 49, 15440 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.	
	LINDEN, (	CALIF	INTENDED DESTINATION LOCAL					OF OPERATION IGHT SWATH RUN	KAIED.	
	MISCELLANEO FACTOR(S) MISCELLANEO	AFT - ROTOR ASSEM ANEOUS ACTS,CONDI ANEOUS ACTS,CONDI	OR ASSEMBLIES TAIL ROTOR BLADE TS,CONDITIONS - MATERIAL FAILUR TS,CONDITIONS - SEPARATION IN F ANCES - FORCED LANDING OFF AIRP							
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HO	OURS IN CROP CONT	HARDS ENED-PROPERLY NSTALLED IDES		T G C	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				
3-1658	7/7/74 ! TIME - 11:		BENSEN B-8 N6965 DAMAGE-SUBSTANTIAL	CR <del>-</del> PX-	0	0	1	NONCOMMERCIAL PRACTICE	NO CERTIFICATE, AGE 24, 20 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.	
	CORONA,	CALIF CCIDENT FAILURE OR MALFUN	INTENDED DESTINATION LOCAL CTION			ΙN	FL	F OPERATION IGHT NORMAL CRUISE NG ROLL		
	PILOT II PILOT II PARTIAL PO EMERGENCY	CAUSE(S)  N COMMAND - ATTEM N COMMAND - IMPRO N COMMAND - SELEC DUER LOSS - PARTI CIRCUMSTANCES - GYROCOPTER TURNED								

FILE	DATE	LOCATION	AIRCRAFT DATA	I١	JUF	RIES		FLIGHT	PILOT DATA
3-1967	7/17/74 TIME - 0	NR.OCEANSIDE, CALIF	BELL 47G-5 N2252W DAMAGE-SUBSTANTIAL	CR- PX-	0	0	1 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 26, 3400 TOTAL HOURS, 2000 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE OCEANS TYPE OF A	E POINT I IDE,CALIF ACCIDENT LER/ROTOR FAILURE TA	NTENDED DESTINATION LOCAL		ŀ	PHAS	E O FL	F OPERATION IGHT PROCEDURE TURNA NG POWER-ON LANDING	KAIEU.
	ROTORCI MISCELI PILOT FACTOR(S MISCELI	LANEOUS ACTS,CONDITIC IN COMMAND — MISJUDGE ) LANEOUS ACTS,CONDITIC	TES TAIL ROTOR BLADES INS — MATERIAL FAILURE ID SPEED AND ALTITUDE INS — SEPARATION IN FL ICED LANDING OFF AIRPO	.IGHT	l LA	AND			
	KIND OF PILOT! GOGGLE: COCKPI TANK/HE ELEVAT PROCEDE		ALLED SS SO-FEET - 50 ST 1/3 OF TURN	ED	(	TYPE GLOV CRAS CRAS TERR	OF ES H H H B	OPERATION - SPRAYING CHEMICAL USED - LIQU - NOT USED ELMET - AVAILABLE-USE AR - NOT INSTALLED -TYPE - LEVEL,FLAT UN-HOW FLOWN - WIND C	JID CHEMICAL-NONTOXIC
3-2045		NR.GONZALES,CALIF 945	BELL 47G-2A N2889B DAMAGE-DESTROYED	CR- PX-	0	1	0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 31, 2226 TOTAL HOURS 772 IN TYPE, NOT INSTRU- MENT RATED.
	TYPE OF	E POINT ES,CALIF ACCIDENT ED WITH WIRES/POLES	INTENDED DESTINATION LOCAL		ı	PHAS NI	E C	F OPERATION IGHT SWATH RUN	MENT KATEU.
	PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED CLEARANCE FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS								
	SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 2226 KIND OF CROP - BEANS PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - SIDES ELEVATION-AREA BEING TREATED-FEET - 200 FIRE AFTER IMPACT REMARKS- HIT PWR POLE.					TYPE GLOV CRAS CRAS TERF	ES H H H B	OPERATION - SPRAYING CHEMICAL USED - LIQU - NOT USED IELMET - AVAILABLE-USE AR - NOT INSTALLED I-TYPE - LEVEL,FLAT UN-HOW FLOWN - WIND (	JID: CHEMICAL-TOXIC

FILE	DATE	LOCATION	AIRCRAFT DATA	IN.	JUR =	IES S M	/N		PILOT DATA
3-2132	7/28/74 SEAL	BEACH,CALIF I LIF	BELL 47D-1 N5226 DAMAGE-SUBSTANTIAL NTENDED DESTINATION LOCAL	CR- PX-	0 0	0 0 HAS	1 0	I NS TRUCTIONAL	COMMERCIAL, AGE 42, 3265 TOTAL HOURS, 15 IN TYPE, NOT INSTRUMENT RATED.
		AND - FAILED TO AND - IMPROPER	D MAINTAIN ADEQUATE OPERATION OF FLIGHT						
3-2414	TIME - 1140		N58083 DAMAGE-DESTROYED	CR- PX-	0	0	1	COMMERCIAL ASSOC FIRE CTL ACTIVITY	COMMERCIAL, AGE 27, 2891 TOTAL HOURS, 470 IN TYPE, NOT INSTRUMENT RATED.
	DAMAGE-DES  DEPARTURE POINT INTENDED DEST  LEESVILLE, CALIF WILBUR SPRO  TYPE OF ACCIDENT  COLLIDED WITH WIRES/POLES		NTENDED DESTINATION WILBUR SPRG, CALIF			HAS LA			
	FACTOR(S) TERRAIN - HIG	AND - FAILED TO H OBSTRUCTIONS	SEE AND AVOID OBJE						
3-3185	8/12/74 HNTN TIME - 1905	GTN BCH,CALIF	HUGHES 269B N50HB DAMAGE-DESTROYED	CR- PX-	0	1	0	MISCELLANEOUS OTHER PUBLIC	COMMERCIAL, AGE 32, 375 TOTAL HOURS, 197 IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIRPORT DEPARTURE POINT HNTNGTN BCH,C TYPE OF ACCIDEN COLLIDED WITH	I ALIF T	-PAD NTENDED DESTINATION					F OPERATION NG POWER-OFF AUTOROTATIV	
	FACTOR(S) MISCELLANEOUS FIRE AFTER IMPA	AND - FAILED T  ACTS, CONDITION  CT	D MAINTAIN ADEQUATE   NS - SIMULATED CONDI E AUTOROTATION.HIT W	TIONS	R.₽	. M.			

FILE				F	SN	1 / N	PURPOSE	PILOT DATA
3-2140		SACRAMENTO, CALIF		CR- 0	0	1	NDNC DMMERCIAL PRACTICE	COMMERCIAL, FL.INSTR., AGE 28, 4298 TOTAL HOURS, 31 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE FAIR OA TYPE OF AG COLLIDEG				OF OPERATION IGHT NORMAL CRUISE	NATEO:		
	FACTOR(S) TERRAIN MISCELLA	CAUSE(S)  N COMMAND - FAILED T  - HIGH OBSTRUCTIONS ANEOUS ACTS, CONDITIO HIT WIRES, LND OK.	TIONS					
3-2621	8/15/74   TIME - 110						COMMERCIAL MAPPING/PHOTO	COMMERCIAL, FL.INSTR., AGE 38, 8500 TOTAL HOURS, 2500 IN TYPE, NOT INSTRU- MENT RATED.
	DONNER TYPE OF AG	POINT I LAKE, CALIF CCIDENT WITH TREES	TENT KATED.					
	FACTOR(S) PILOT I	CAUSE(S) N COMMAND - FAILED T N COMMAND - DIVERTED EL - MISCELLANEOUS-P						

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FILE	DATE LOCATION		INJURIES FLIGHT F S M/N PURPOSE	PILOT DATA
	9/6/74 NR.SOMIS, CALIF TIME - 1340	BELL 47J-2A N8550F DAMAGE-DESTROYED INTENDED DESTINATION LOCAL	CR- 0 0 1 COMMERCIAL PX- 0 1 0 MAPPING/PHOTO  PHASE OF OPERATION TAKEOFF OTHER	COMMERCIAL, AGE 29, 5043 TOTAL HOURS, 3800 IN TYPE, INSTRUMENT RATED.
		EFING RECEIVED		
	SKY CONDITION CLEAR VISIBILITY AT ACCIDENT SI 5 OR OVER OBSTRUCTIONS TO VISION AT NONE WIND DIRECTION-DEGREES 292 TYPE OF WEATHER CONDITION	ACCIDENT SITE	CEILING AT ACCIDENT SITE UNLIMITED PRECIPITATION AT ACCIDENT SITE NONE TEMPERATURE-F 85 WIND VELOCITY-KNOTS 12 TYPE OF FLIGHT PLAN	
	VFR FIRE AFTER IMPACT		NONE S TO 18K.SETTLED WITH PWR.	
3-4207	9/9/74 RIPON, CALIF TIME - 1012	BELL 47J-2A N3072G DAMAGE-DESTROYED	CR- 0 1 0 COMMERCIAL PX- 2 0 0 MAPPING/PHOTO	COMMERCIAL, FL.INSTR., AGE 32, 4700 TOTAL HOURS, 124 IN TYPE, NOT INSTRU- MENT RATED.
	DEPARTURE POINT STOCKTON, CALIF TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE COLLISION WITH GROUND/W	TAIL ROTOR	IF  PHASE OF OPERATION  IN FLIGHT NORMAL CRUISE  LANDING POWER-ON LANDING	
	PROBABLE CAUSE(S) ROTORCRAFT - TRANSMISSI MISCELLANEOUS ACTS, COND PERSONNEL - MAINTENANCE FACTOR(S) PILOT IN COMMAND - INAD			
	FIRE AFTER IMPACT REMARKS- TAIL ROTOR DRIVE	SPLINED COUPLING FAILED	.ACFT SPUN TO R AT LOW ALT.	

			DK 1 EF.	o ur /			13 		
FILE		LOCATION	AIRCRAFT DATA	II	JUR F	IES S M		FLIGHT PURPOSE	PILOT DATA
		LANCASTER, CALIF	BELL 47G N6327D DAMAGE-SUBSTANTIAL	CR- PX-	0	0			COMMERCIAL, FL.INSTR., AGE 58, 6500 TOTAL HOURS, 10 IN TYPE, NOT INSTRUMEN RATED.
	DEPARTURE	ER•CALIF CCIDENT	INTENDED DESTINATION LOCAL		Р			· OPERATION F VERTICAL	
	PILOT I WEATHER WEATHER B	N COMMAND - INADEC	NOT REPORTED					INING	
	SKY CONDI CLEAR					UN	LIMI		
	VISIBILIT 5 OR OV			Р	REC NOI		TATION AT ACCIDENT SITE		
		CCIDENT SITE		R	ELA	TIVE	BEARING OF WIND ROSS WIND 248-292 DEGR	EES	
	TEMPERATU 90						DIR O	ECTION-DEGREES	
	23 TYPE OF F	CITY-KNOTS LIGHT PLAN			Т	YPE VFI		WEATHER CONDITIONS	
	NONE REMARKS-	CROSSWIND VERT LIF	T TO HOVER, LOST CTL.GU	STS TO	27	К.			
3-4201	10/13/74	PINOLE-CALTE	HUGHES 369	CR-	0	0	2	MISCELLANEOUS	COMMERCIAL, AGE 32, 502
3 1271	TIME - 13		N9191F DAMAGE-SUBSTANTIAL	PX-				POLICE PATROL	TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE OAKLAN	POINT D,CALIF	INTENDED DESTINATION LOCAL						NA 1200
	TYPE OF A	CCIDENT			Р			OPERATION	
	ENGINE HARD LA	TION	LANDING OTHER LANDING POWER-OFF AUTOROTATIVE LANDING						
	FACTOR(S)	ANT - MISCELLANEOU	S POWERPLANT FAILURE I		DET	ERM	INED	REASONS	
	PARTIAL P	OWER LOSS - PARTIA	IONS - SIMULATED CONDI-	GINE		NID			
		ENG FAILED TO RESP	ORCED LANDING OFF AIRP OND TO THROT	יאו טי			RY F	RM SIMULATED ENG-OUT L	DG •

=			AIRCRAFT DATA		F	S M	I/N	PURPOSE	PILOT DATA
	10/18/74 TIME - 092- DEPARTURE VENTURA TYPE OF ACCENGINE FO	CAMARILLO,CALIF  POINT ,CALIF CIDENT AILURE OR MALFUNCT	BELL 47G3B2 N4079G DAMAGE-DESTROYED INTENDED DESTINATION LOCAL	CR- PX-	0 0	1 0 HAS	0 0 E 0 FL	COMMERCIAL	COMMERCIAL, AGE 35, 5676 TOTAL HOURS, 21 IN TYPE, NOT INSTRUMENT RATED.
-	MISCELLANE PARTIAL POWE SPECIAL DATA	NT - EXHAUST SYSTEM NEOUS ACTS,CONDITION	M EXTERNAL SUPERCHAR DNS — BINDING LOSS OF POWER — 1 EN	-					
	TOTAL HOUNT OF PILOT'S GOGGLES COCKPIT TANK/HOP ELEVATION PROCEDUR	JRS IN CROP CONTROI CROP - OTHER SEAT BELT - FASTENI - USED CRASHPAD - NOT INS PER-LOCATION - SID N-AREA BEING TREATI E TURNAROUND - THI	ED-PROPERLY FALLED ES ED-FEET - 45	LI.	G C C	YPE LOV RAS RAS	ES H H H B	OPERATION - SPRAYING CHEMICAL USED - LIQUI - NOT USED ELMET - AVAILABLE-USED AR - NOT INSTALLED -TYPE - LEVEL,FLAT UN-HOW FLOWN - DOWNWIN	D CHEMICAL-TOXIC
3-3176	DEPARTURE CHINA PI	D POINT EAK,CALIF CIDENT	BELL 47G3B2 N7986J DAMAGE-DESTROYED INTENDED DESTINATION NUTMEG,CALIF	CR- PX-	0	O PHAS	2 E 0	F OPERATION	COMMERCIAL, AGE 26, 2297 TOTAL HOURS, 300 IN TYPE, INSTRUMENT RATED.
	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.								

FILE			AIRCRAFT DATA		_			PILOT DATA
3-4289	10/19/74 NR • K TIME - 0900 DEPARTURE POI	ERNVILLE, CALIF  NT 1 ALIF ENT	SIKORSKY S-64E N696OR DAMAGE-DESTROYED NTENDED DESTINATION LOCAL	CR- 1 PX- 0	1 0 PHASE	0 0	COMMERCIAL	COMMERCIAL, AGE 29, 2227 TOTAL HOURS, 510 IN TYPE, NOT INSTRUMENT RATED.
	MISCELLANED FACTOR(S) TERRAIN - F FIRE AFTER IM	MMAND - MISJUDGE TUS ACTS,CONDITION HIGH OBSTRUCTION: PACT	DNS - LOAD NOT JETTISC		ſL•EX	TER	RNAL LOAD OPERATION.	
3-3754	11/4/74 R1 TIME - 1207	VERSIDE,CALIF	BELL 47G-5 N7081J DAMAGE-SUBSTANTIAL				MISCELLANEOUS POLICE PATROL	COMMERCIAL, FL.INSTR., AGE 52, 11438 TOTAL HOURS, 5039 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POI RIVERSIDE, C TYPE OF ACCID	ALIF	INTENDED DESTINATION LOCAL DTH IN FLIGHT				OPERATION GHT OTHER	
	PERSONNEL - FACTOR(S)	MMAND - FAILED - - MISCELLANEOUS-	TO SEE AND AVOID OTHER PERSONNEL PILOT OF OT D ATTENTION FROM OPER	THER AIRO	RAFT		-T	
	CONTROLLING TRAFFIC ADV CONTROL ZON ANTI-COLLIS	G AGENCY - NO COI ISORY ISSUED - 1 JE/AREA - YES	NONE STALLED, OPERATION UNKI	F (	RADAR CONTR EVASI	C. OLU VE	TL/SURVEILLANCE - RA .ED/UNCONTROLLED AIR ACTION TAKEN - NO	DAR SERVICE NOT AVIALABLE PORT - CONTROLLED AIRPORT

FILE			AIRCRAFT DATA	F	S M	/ N	PURPOSE	PILOT DATA
3-3521	11/18/74 NR TIME - 1325  DEPARTURE P UNKNOWN/N TYPE OF ACC	•BEAR VALLEY,CALIF  OINT IN  OT REPORTED  IDENT  ILURE OR MALFUNCTIO	ALOUETTE SA315B N62886 DAMAGE-SUBSTANTIAL TENDED DESTINATION UNKNOWN/NOT REPORTE	CR- 0 PX- 0	O O PHAS IN	1 1 E 0' FL	COMMERCIAL POWER/PIPELINE  F OPERATION IGHT NORMAL CRUISE NG POWER-OFF AUTOROTA	COMMERCIAL, AGE 35, 6843 TOTAL HOURS, 985 IN TYPE, NOT INSTRUMENT RATED.
	MISCELLAN PILOT IN COMPLETE PO EMERGENCY C FIRE AFTER	T - TURBINE ASSEMBLEOUS ACTS, CONDITION COMMAND - IMPROPER WER LOSS - COMPLETE IRCUMSTANCES - FORCIMPACT	S - LACK OF LUBRICAT	MEDUT-1 DRT ON L	ENGI		ART,NOT SYSTEM	
3-3368	11/21/74 NR TIME - 0745	.JOSHUA TREE,CALIF	BELL 47G3B1 N3084G DAMAGE-SUBSTANTIAL	CR- 0 PX- 0	0 0	1	COMMERCIAL AIR TAXI-PASSG	ATR, FLIGHT INSTR., AGE 48, 10185 TOTAL HOURS, 9964 IN TYPE, INSTRUMENT
	DEPARTURE P 29 PALMS TYPE OF ACC HARD LAND	IDENT	TENDED DESTINATION JOSHUA TREE, CALIF				F OPERATION NG POWER-ON LANDING	RATED.
	PILOT IN FACTOR(S) WEATHER - WEATHER BRI	COMMAND - IMPROPER	COMPENSATION FOR WIN ONDITIONS REPORTED	ND CONDI	TION	S		
	5 OR OVER OBSTRUCTION NONE	AT ACCIDENT SITE	DENT SITE		UN PREC NO TEMP 55	LIM IPI NE ERA	AT ACCIDENT SITE ITED TATION AT ACCIDENT SIT TURE-F FLIGHT PLAN	TE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJU F	RIES S M.	/N	FLIGHT PURPOSE		PILOT DATA
3-4221	12/21/74 NR.AUE TIME - 1640	BURN, CALIF	BELL 47G3B1 N409RG DAMAGE-DESTROYED	CR- 1 PX- 0	0	0	NONCOMMERCIAL PLEASURE/PERSONAL	TRANSP	PRIVATE, AGE 84, 1215 TOTAL HOURS, 756 IN TYPE, NOT INSTRUMENT RATED.
	ELK GROVE,CA TYPE OF ACCIDEN	- IN ALIF IT	TENDED DESTINATION AUBURN,CALIF UNCONTROLLED			_	F OPERATION IGHT UNCONTROLLED	DESCENT	
			VFR FLIGHT INTO ADV ISORIENTATION	ERSE WE	ATHEI	R C	ONDITIONS		
	WEATHER - LOW WEATHER - FOO WEATHER BRIEFIN	/ CEILING ; IG - NO BRIEFING		TION AND	/OR	PLA	NNING		
	SKY CONDITION OBSCURATION	ST - UNKNOWN/NOT	REPORTED		CEIL 10		AT ACCIDENT SITE		
	VISIBILITY AT A 1/4 MILE OR U OBSTRUCTIONS TO	ACCIDENT SITE LESS D VISION AT ACCI	DENT SITE		NO! TEMP	NE ERA	TATION AT ACCIDENT	SITE	
	FOG TYPE OF WEATHER IFR FIRE AFTER IMP				50 TYPE NO	OF	FLIGHT PLAN		
			FT NOT IFR EQUIPPED.	•					
3-4135			DAMAGE-DESTROYED	CR- 0 PX- 0	0	1	COMMERCIAL AERIAL APPLICATION		COMMERCIAL, AGE 20, 540 TOTAL HOURS, 251 IN TYPE, NOT INSTRUMENT RATED.
	METTLMN CTY,	r in Calif	TENDED DESTINATION						
•	TYPE OF ACCIDE						F OPERATION IGHT PROCEDURE TUR	NAROUND	
	PROBABLE CAUSE PILOT IN COM		MAINTAIN ADEQUATE F	ROTOR R.	P.M.				
	KIND OF CROP PILOT'S SEAT GOGGLES — USI COCKPIT CRASH TANK/HOPPER—I ELEVATION—ARI	BELT - UNKNOWN/ ED HPAD - NOT INSTA LOCATION - BELLY EA BEING TREATED RNAROUND - THIRD	NOT REPORTED LLED -FEET - 245		TYPE GLOV CRAS CRAS TERR	OF ES H F H B	OPERATION - SPRAYI CHEMICAL USED - LI - NOT USED ELMET - AVAILABLE-U AR - NOT INSTALLED -TYPE - LEVEL,FLAT UN-HOW FLOWN - UPWI	QUID CH	

							PURPOSE	
1/12/74 NR., TIME - 1015	AURORA,COLO		CR- 0	)	0	2	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 26, 1648 TOTAL HOURS, 210 IN TYPE, NOT INSTRU- MENT RATED.
AURORA, COL	O DENT	INTENDED DESTINATION AURORA,COLO					F OPERATION	
PILOT IN CO PILOT IN CO FACTOR(S) TERRAIN -	DMMAND - MISJUD OMMAND - IMPROP SNOW-COVERED	ER OPERATION OF FLIGHT			ΔU	TOR	OTATION.	
3/13/74 NR.	ASPEN, COLO				-			COMMERCIAL, FL.INSTR., AGE 27, 4800 TOTAL HOURS, 80 IN TYPE, NOT INSTRUMENT RATED.
TYPE OF ACCI	DENT	INTENDED DESTINATION LOCAL				_		KATED•
PILOT IN CO PILOT IN CO PILOT IN CO FACTOR(S) WEATHER - H WEATHER BRIE	OMMAND - FAILED OMMAND - DIVERT OMMAND - FAILED HIGH DENSITY AL FING - NO BRIEF	ED ATTENTION FROM OPERA TO FOLLOW APPROVED PRO FITUDE ING RECEIVED	TION OF	- 4	IR			
CLEAR VISIBILITY A' 5 OR OVER OBSTRUCTIONS NONE TYPE OF FLIG	T ACCIDENT SITE	CCIDENT SITE		PR TY	UN EC NO PE	LIM IPI NE OF	ITED TATION AT ACCIDENT SITE	
	DEPARTURE PO AURORA, COL. TYPE OF ACCII HARD LANDI PROBABLE CAU PILOT IN CI FACTOR(S) TERRAIN — REMARKS— ACC  3/13/74 NR. TIME — 1015  DEPARTURE PO ASPEN, COLO TYPE OF ACCII COLLIDED W PROBABLE CAU PILOT IN CI PILOT IN CI PILOT IN CI PILOT IN CI FACTOR(S) WEATHER BRIE WEATHER BRIE WEATHER BRIE WEATHER BRIE WEATHER FORE SKY CONDITION CLEAR VISIBILITY A' 5 OR OVER OBSTRUCTIONS NONE TYPE OF FLIGI NONE	DEPARTURE POINT AURORA, COLO TYPE OF ACCIDENT HARD LANDING  PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDG PILOT IN COMMAND - IMPROPE FACTOR(S) TERRAIN - SNOW-COVERED REMARKS- ACCIDENT SITE SNOW  3/13/74 NR.ASPEN, COLO TIME - 1015  DEPARTURE POINT ASPEN, COLO TYPE OF ACCIDENT COLLIDED WITH TREES  PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED PILOT IN COMMAND - FAILED PILOT IN COMMAND - FAILED FACTOR(S) WEATHER - HIGH DENSITY AL WEATHER BRIEFING - NO BRIEF WEATHER BRIEFING - NO BRIEF WEATHER FORECAST - FORECAST  SKY CONDITION CLEAR VISIBILITY AT ACCIDENT SITE 5 OR OVER OBSTRUCTIONS TO VISION AT AC NONE TYPE OF FLIGHT PLAN NONE	TIME - 1015  DEPARTURE POINT AURORA, COLO TYPE OF ACCIDENT HARD LANDING  PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT FACTOR(S) TERRAIN - SNOW-COVERED REMARKS- ACCIDENT SITE SNOW COVERED.HIT TAIL FIRST  3/13/74 NR.ASPEN, COLO TIME - 1015  DEPARTURE POINT ASPEN, COLO TYPE OF ACCIDENT COLLIDED WITH TREES  PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLY PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PRO PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PRO PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PRO PACTOR(S) WEATHER - HIGH DENSITY ALTITUDE WEATHER BRIEFING - NO BRIEFING RECEIVED WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT  SKY CONDITION CLEAR VISIBILITY AT ACCIDENT SITE 5 OR OVER OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE TYPE OF FLIGHT PLAN NONE	TIME - 1015	TIME - 1015	TIME - 1015	TIME - 1015    N2991W	TIME - 1015  N2991W DAMAGE-SUBSTANTIAL  DEPARTURE POINT AURORA,COLO TYPE OF ACCIDENT HARD LANDING  PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT FACTOR(S) TERRAIN - SNOW-COVERED REMARKS- ACCIDENT SITE SNOW COVERED.HIT TAIL FIRST ON DEMO AUTOROTATION.  3/13/74 NR.ASPEN,COLO TIME - 1015  N748FH DAMAGE-SUBSTANTIAL  DEPARTURE POINT ASPEN,COLO TYPE OF ACCIDENT COLLIDED WITH TREES  PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC.  SKY CONDITION CLEAR VISIBILITY AT ACCIDENT SITE SOR OVER SOR OVER VER VISIBILITY AT ACCIDENT SITE SOR OVER NONE TYPE OF FLIGHT PLAN

FILE	DATE	LOCATION		F	:	S M	/N	PURPOSE	PILOT DATA
3-1780	DEPARTURE CORTEZ TYPE OF	DELORES,COLO 540  E POINT 2,COLO ACCIDENT ED WITH WIRES/POLES	HILLER ACFT UH12L4 N9727C DAMAGE-SUBSTANTIAL INTENDED DESTINATION DELORES,COLO	CR- PX-	0 0	0 0 PHAS	1 0	COMMERCIAL ASSOC FIRE CTL ACTIVITY  F OPERATION NG FINAL APPROACH	COMMERCIAL, AGE 33, 1876
	MISCELI MISCELI FACTOR(S TERRAII	IN COMMAND — IMPROPEH LANEOUS ACTS,CONDITI LANEOUS ACTS,CONDITIO ) N — HIGH OBSTRUCTION:		PPROAC	Н			ING FIRE AREA.	
3-2422	TIME - 1  DEPARTUR  GRAND  TYPE OF	FAILURE OR MALFUNCT	N3067G DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	PX-	0 P	O PHAS IN	2 E 0 F L	COMMERCIAL CONSTRUCTION  F OPERATION IGHT NORMAL CRUISE NG POWER-OFF AUTOROTATIVE	TOTAL HOURS, 2200 IN TYPE, INSTRUMENT RATED.
	PILOT PILOT MISCEL TERRAI EMERGENC	IN COMMAND - MISMANA LANEOUS ACTS,CONDITI N - ROUGH/UNEVEN Y CIRCUMSTANCES - FOR	ATE PREFLIGHT PREPARAT GEMENT OF FUEL DNS — FUEL EXHAUSTION RCED LANDING OFF AIRPO FICE RPM TO REACH SUIT	RT ON	LA	\ND			

FILE			INJURIES FLIGHT F S M/N PURPOSE	PILOT DATA
3-2423	8/8/74 BERTHOUD FLS,CO TIME - 0530 DEPARTURE POINT BERTHOUD FLS,COLO TYPE OF ACCIDENT COLLISION WITH GROUND/WA	LO BELL 206B N32TA DAMAGE-DESTROYED INTENDED DESTINATION LOCAL	PHASE OF OPERATION	COMMERCIAL, AGE 36, 1987 TOTAL HOURS, 284 IN TYPE, INSTRUMENT RATED.
	PROBABLE CAUSE(S) PILOT IN COMMAND - INADE MISCELLANEOUS ACTS, CONDI PILOT IN COMMAND - IMPRO PILOT IN COMMAND - FAILE FACTOR(S) WEATHER - HIGH DENSITY A TERRAIN - ROUGH/UNEVEN WEATHER BRIEFING - NO BRIE WEATHER FORECAST - FORECAS	TIONS - POORLY PLANNED PER OPERATION OF FLIGHT D TO MAINTAIN ADEQUATE  LTITUDE FING RECEIVED	APPROACH CONTROLS ROTOR R.P.M.	
	SKY CONDITION CLEAR VISIBILITY AT ACCIDENT SIT 5 OR OVER OBSTRUCTIONS TO VISION AT NONE TYPE OF WEATHER CONDITIONS VFR REMARKS— ACFT ROLLED 390 F	ACCIDENT SITE	CEILING AT ACCIDENT SITE UNLIMITED PRECIPITATION AT ACCIDENT SITE NONE TEMPERATURE-F 33 TYPE OF FLIGHT PLAN NONE WITH MTN SLOPE.DENSITY ALT ABT 14000FT.	
3-3319	9/6/74 NR.GRAND VALLEY,C TIME - 0730	OLO BELL 47G3B1 N1135W DAMAGE-SUBSTANTIAL	CR- 0 0 1 NONCOMMERCIAL PX- 0 0 0 PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 52, 11500 TOTAL HOURS, 4700 IN TYPE, NOT INSTRUMENT RATED.
	TYPE OF ACCIDENT MISCELLANEOUS COLLISION WITH GROUND/WA PROBABLE CAUSE(S) ROTORCRAFT - TRANSMISSIO MISCELLANEOUS ACTS, CONDI	INTENDED DESTINATION MONTROSE, COLO  TER CONTROLLED  N ROTOR DRIVE SYSTEM OF TIONS — EXCESSIVE—WEAR SERVICING, INSPECTION I	YPLAY NADEQUATE MAINTENANCE AND INSPECTION	ANGINOPENT NATED.

FILE			AIRCRAFT DATA	I NJUF F	RIES S M	/N	PURPOSE	PILOT DATA
3-2829	9/8/74 TIME - :	NR•FT•COLLINS•COLO 1015	HUGHES 269B N9440F DAMAGE-SUBSTANTIAL	PX- 0	0	2 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 31, 2200 TOTAL HOURS, 920 IN TYPE, INSTRUMENT RATED.
	FT.COI TYPE OF ENGIN	RE POINT LLINS,COLO ACCIDENT E FAILURE OR MALFUNCT LANDING	LOCAL	f	IN	FL	F OPERATION IGHT NORMAL CRUISE NG POWER-OFF AUTOROTA	ATIVE LANDING
	POWERI PILOT PILOT FACTOR(S WEATHI COMPLETE WEATHER WEATHER	IN COMMAND - IMPROPE IN COMMAND - MISJUDG SE - HIGH DENSITY ALT E POWER LOSS - COMPLE BRIEFING - NO BRIEFI FORECAST - FORECAST	ITUDE TE ENGINE FAILURE/FLA	CONTROLS	S ENGI		D REASONS	
	5 OR 0 OBSTRUC	ITY AT ACCIDENT SITE	CIDENT SITE	I	UN PREC NO TEMP	LIM IPI NE ERA	AT ACCIDENT SITE ITED TATION AT ACCIDENT SIT TURE-F	ΤE
	VFR	WEATHER CONDITIONS - PLT STATED ENG FAIL	ED.NO MALFUNCTION FND		NO	OF	FLIGHT PLAN	
3-0788	4/21/74 TIME - (	EAST PUTMAN,CONN	ENSTROM F-28A N4895 DAMAGE-DESTROYED	CR- 0 PX- 0			MISCELLANEOUS OTHER	ATR, FLIGHT INSTR., AGE 29, 4370 TOTAL HOURS, 251 IN TYPE, NOT INSTRUMENT RATED.
	TYPE OF	RE POINT PUTMAN,CONN ACCIDENT OR EXPLOSION ON GROU		1			F OPERATION C PARKED-ENGINES NOT	
	MISCE FACTOR( MISCE POWER	LLANEOUS ACTS,CONDITI PLANT - EXHAUST SYSTE	ONS - FIRE IN ENGINE	HAUST ST	<b>ACK</b>	CRA	CKED.	

			DKILL						
FILE	DATE	LOCATION	AIRCRAFT DATA	IN	JUR	IES		FLIGHT	
3-0514	3/1/74	HOMESTEAD,FLA 345	25115011 2011	C D		_	_	MONGONMEDICE	ATR, FLIGHT INSTR., AGE 58, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, INSTRU- MENT RATED.
	HOMEST TYPE OF	GENERAL INTENDED DESTINATION LOCAL PROPELLER					F OPERATION FF INITIAL CLIMB		
	MISCEL FACTOR(S MISCEL	O ACCESSORIES BLADES IONS - DISCONNECTED IONS - SEPARATION IN F ILED AND HIT TAIL.	LIGHT						
3-0926	DEPARTUR ARCADI TYPE OF	F POINT	INTENDED DESTINATION			'HAS	E O	COMMERCIAL ASSOC CROP CTL ACTIVITY  F OPERATION NG LEVEL OFF/TOUCHDOWN	COMMERCIAL, AGE 25, 2455 TOTAL HOURS, 175 IN TYPE, NOT INSTRUMENT RATED.
	PILOT	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					RAS ERR WAT	H B AIN H R	AR - NOT INSTALLED -TYPE - LEVEL, FLAT UN-HOW FLOWN - CROSSWIND	PS HEMICAL-NONTOXIC

FILE		AIRCRAFT DATA			PILOT DATA
	3/14/74 NR.MIAMI,FLA TIME - 1115	BFII 47G-2	CR- 0 1 0	COMMERCIAL	
		INTENDED DESTINATION			
	MIAMI, FLA TYPE OF ACCIDENT	LOC AL	DHASE C	F OPERATION	
	ENGINE FAILURE OR MALF HARD LANDING	UNCTION	TAKEC	OFF INITIAL CLIMB NG LEVEL OFF/TOUCHDOWN	
		EOUS POWERPLANT FAILURE F LED TO MAINTAIN ADEQUATE F		ED REASONS	
	PILOT IN COMMAND - INA MISCELLANEOUS ACTS,CON MISCELLANEOUS - EVASIV TERRAIN - HIGH VEGETAT TERRAIN - HIDDEN OBSTR	UCTIONS	ED AIRCRAFT-WEI SION		
	PARTIAL POWER LOSS — PAR EMERGENCY CIRCUMSTANCES FIRE AFTER IMPACT				
		WT.SETTLING,ATMTD TO CLR I	_EVEE•		
3-1317	3/16/74 NR.OCHOPEE,FLA TIME - 1315	BELL 47D1 N9660 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	TYPE, NOT INSTRUMENT
	DEPARTURE POINT OCHOPEE,FLA TYPE OF ACCIDENT ROLL OVER	INTENDED DESTINATION LOCAL		OF OPERATION OFF VERTICAL	RATED.
	PROBABLE CAUSE(S) PILOT IN COMMAND - IMP				

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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N		PILOT DATA
3-2090	TIME - 09  DEPARTURE PLEASAN TYPE OF A COLLIDE  PROBABLE PILOT 1 PILOT 1 FACTOR(S) TERRAIN	POINT IN  IT GROV,FLA  ICCIDENT  ED WITH TREES  CAUSE(S)  N COMMAND - FAILED TO  IN COMMAND - DIVERTED  N - HIGH OBSTRUCTIONS	N936 DAMAGE-SUBSTANTIAL NTENDED DESTINATION LOCAL  D SEE AND AVOID OBJEC	PX- 0 0 0  PHASE 0 IN FL		- , ,
	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  REMARKS- WATCHING SPRAY BOOM.KILLING WATER WEEDS.			TYPE OF GOGGLES COCKPIT TANK/HO	OPERATION — OTHER CHEMICAL USED — LIQU' — NOT USED CRASHPAD — NOT INSTAI PPER-LOCATION — SIDES ON—AREA BEING TREATED	LLED

3-1826 5/23/ TIME  NAME DEPAR MA TYPE ENG HAR  PROBA PER POW MIS PIL FACTO WEATH	4 KEY WEST, FLA 1110  F AIRPORT - NAS KEY URE POINT ATHON, FLA F ACCIDENT NE FAILURE OR MALFUN LANDING  LE CAUSE(S) ONNEL - MAINTENANCE, RPLANT - IGNITION SY ELLANEOUS ACTS, CONDI T IN COMMAND - MISJU	HUGHES 269C N9621F DAMAGE-DESTROYED  WEST INTENDED DESTINATION LOCAL  CTION  SERVICING, INSPECTION STEM SPARK PLUG TIONS - EXCESSIVE-WEAR, DGED SPEED AND ALTITUDE  LTITUDE ONS	CR- PX- I NADEQUA /PLAY	1 1	O 1 HASE IN LAN	O O E DF FLI IDIN	COMMERCIAL OTHER  F OPERATION IGHT NORMAL CRUISE NG POWER-OFF AUTOROTA	COMMERCIAL, AGE 25, 1900 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.  ATIVE LANDING		
DEPAR MA TYPE ENG HAR PROBA PER POW MIS PIL FACTO TER MIS PARTI WEATH	URE POINT ATHON,FLA F ACCIDENT NE FAILURE OR MALFUN LANDING  LE CAUSE(S) ONNEL — MAINTENANCE, RPLANT — IGNITION SY ELLANEOUS ACTS,CONDI T IN COMMAND — MISJU (S) HER — HIGH DENSITY A AIN — HIGH OBSTRUCTI	INTENDED DESTINATION LOCAL  CTION  SERVICING, INSPECTION ISTEM SPARK PLUG TIONS - EXCESSIVE-WEAR, DGED SPEED AND ALTITUDE LTITUDE ONS	INADEQU∆ ∕PLAY		IN	FLI	IGHT NORMAL CRUISE NG POWER-OFF AUTOROTA	ATIVE LANDING		
TYPE ENG HAR PROBA PER POW MIS PIL FACTO TER MIS PARTI	F ACCIDENT NE FAILURE OR MALFUN LANDING  LE CAUSE(S) ONNEL - MAINTENANCE, RPLANT - IGNITION SY ELLANEOUS ACTS, CONDI T IN COMMAND - MISJU (S) HER - HIGH DENSITY A AIN - HIGH OBSTRUCTI	CTION  SERVICING, INSPECTION I STEM SPARK PLUG TIONS — EXCESSIVE—WEAR, DGED SPEED AND ALTITUD! LTITUDE ONS	INADEQU∆ ∕PLAY		IN	FLI	IGHT NORMAL CRUISE NG POWER-OFF AUTOROTA	ATIVE LANDING		
ENG HAR PROBA PER POW MIS PACTI WEA TER MIS PARTI WEATH	NE FATURE OR MALFUN LANDING  LE CAUSE(S) ONNEL - MAINTENANCE, RPLANT - IGNITION SY ELLANEOUS ACTS, CONDIT IN COMMAND - MISJU (S) HER - HIGH DENSITY A AIN - HIGH OBSTRUCT	SERVICING, INSPECTION I STEM SPARK PLUG TIONS - EXCESSIVE-WEAR, DGED SPEED AND ALTITUD! LTITUDE ONS	INADEQUA /PLAY		IN	FLI	IGHT NORMAL CRUISE NG POWER-OFF AUTOROTA	ATIVE LANDING		
HAR PROBA PER POW MIS PIL FACTO TER MIS PARTI WEATH	LANDING  LE CAUSE(S)  ONNEL - MAINTENANCE,  RPLANT - IGNITION SY  ELLANEOUS ACTS, CONDI  T IN COMMAND - MISJU  (S)  HER - HIGH DENSITY A  AIN - HIGH OBSTRUCTI	SERVICING, INSPECTION I STEM SPARK PLUG TIONS - EXCESSIVE-WEAR, DGED SPEED AND ALTITUD! LTITUDE ONS	INADEQUA /PLAY		LAN	IDIN	NG POWER-OFF AUTOROT	ATIVE LANDING		
PROBA PER POW MIS PIL FACTE WEA TER MIS PARTI WEATE	LE CAUSE(S) ONNEL - MAINTENANCE, RPLANT - IGNITION SY ELLANEOUS ACTS, CONDI T IN COMMAND - MISJU (S) HER - HIGH DENSITY A AIN - HIGH OBSTRUCTI	STEM SPARK PLUG TIONS - EXCESSIVE-WEAR, DGED SPEED AND ALTITUD! LTITUDE ONS	/PLAY	A TE				ATIVE LANDING		
PER POW MIS PIL FACTO WEA TER MIS PARTI WEATH	ONNEL - MAINTENANCE, RPLANT - IGNITION SY ELLANEOUS ACTS, CONDI T IN COMMAND - MISJU (S) HER - HIGH DENSITY A AIN - HIGH OBSTRUCTI	STEM SPARK PLUG TIONS - EXCESSIVE-WEAR, DGED SPEED AND ALTITUD! LTITUDE ONS	/PLAY	A TE	MAI	NTE	ENANCE AND INSPECTION			
EMER	R BRIEFING - NO BRIE R FORECAST - UNKNOWN NCY CIRCUMSTANCES -	AL LOSS OF POWER - 1 EM FING RECEIVED								
	NDITION			_		-	AT ACCIDENT SITE			
	TERED LITY AT ACCIDENT SIT	_					ITED TATION AT ACCIDENT SI	TE		
	OVER	E		۲	NON		TATION AT ACCIDENT SI	10		
	CTIONS TO VISION AT	ACCIDENT SITE		TEMPERATURE-F						
NON			84							
	IRECTION-DEGREES			W		VEL	LOCITY-KNOTS			
170	SE HEATHER CONDITIONS			7	9	O.F.	FLIGHT PLAN			
VEF	IF WEATHER CONDITIONS			'	NOV		LEIGHT PLAN			

FILE	DATE	LOCATION	AIRCRAFT DATA	IN.	JUR =	IES S M	/N	FLIGHT PURPOSE	PILOT DATA
3-2089	6/19/74 NR•N TIME - 0845	MULBERRY,FLA	BELL 47G N7068 DAMAGE-SUBSTANTIAL	CR- PX-	0	0	1 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 26, 1388 TOTAL HOURS, 43 IN TYPE, NOT INSTRUMENT
	MULBERRY, FL TYPE OF ACCID	_ Δ	NTENDED DESTINATION LOCAL					F OPERATION IGHT SWATH RUN	
	FACTOR(S)		O SEE AND AVOID OBJEC	CTS OR	ОВ	STR	UC T	IONS	
	KIND OF CRO PILOT'S SEA GOGGLES - N COCKPIT CRA TANK/HOPPER	AT BELT - UNKNOWN NOT USED ASHPAD - NOT INST R-LOCATION - SIDE AREA BEING TREATE	I/NOT REPORTED TALLED		G C C	YPE LOV RAS RAS	OF ES H H H B AIN	OPERATION - DEFOLIATI CHEMICAL USED - LIQUI - NOT USED ELMET - AVAILABLE-USED AR - NOT INSTALLED -TYPE - SWAMPY/WATER UN-HOW FLOWN - DOWNWIN	D CHEMICAL-NONTOXIC
3-2905	NAME OF AIRPO DEPARTURE POI	ORT - MOSQUITO CO	DAMAGE-SUBSTANTIAL DNTROL NTENDED DESTINATION	CR- PX-	0 0	1	0 0	MISCELLANEOUS OTHER PUBLIC	COMMERCIAL, AGE 34, 3955 TOTAL HOURS, 124 IN TYPE, NOT INSTRUMENT RATED.
	TYPE OF ACCID		CONTROLLED				K EO		
	PILOT IN CO	OMMAND — FAILED T OMMAND — IMPROPER OMMAND — IMPROPER	O MAINTAIN ADEQUATE F R OPERATION-OF POWERPI R OPERATION OF FLIGHT RITROL DRG DOWNWIND TUR	ANT &	PO SLS	WER	PLA		

		AIRCRAFT DATA		RIES		PILOT DATA
	7/10/74 GRACEVILLE,F TIME - 1730	_A EL TOMCAT MK-5A N9008T	CR- 0	1 0	COMMERCIAL	COMMERCIAL, AGE 24, 2161 ITY TOTAL HOURS, 756 IN TYPE,
	GRACEVILLE, FLA Type of accident	DAMAGE-DESTROYED INTENDED DESTINATION LOCAL	f		OF OPERATION	NOT INSTRUMENT RATED.
	COLLIDED WITH CROP			IN F	.IGHT MANEUVER TO AVO	ID OBSTRUCTION
				∕OR PL≉	NNING	
	SPECIAL DATA TOTAL HOURS IN CROP C KIND OF CROP - OTHER PILOT'S SEAT BELT - F GOGGLES - NOT USED CRASH BAR - NOT INSTA TERRAIN-TYPE - LEVEL, SWATH RUN-HOW FLOWN - FIRE AFTER IMPACT REMARKS- AVOIDING WIRES	ASTENED-PROPERLY LLED FLAT DOWNWIND	(	TYPE OF GLOVES CRASH F TANK/H	F OPERATION — SPRAYING CHEMICAL USED — LIQU — NOT USED HELMET — AVAILABLE-USE DPPER-LOCATION — AFT O ON-AREA BEING TREATED	ID CHEMICAL-NONTOXIC D F PILOT
3-2288	7/10/74 HOLLYWOOD,FL TIME - 0825	A BELL 47G N2867B DAMAGE-SUBSTANTIAL	PX- 0	0 1 0 0	INSTRUCTIONAL TRAINING	COMMERCIAL, AGE 37, 203 TOTAL HOURS, 26 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT	INTENDED DESTINATION	•			NOT INSTRUMENT RATED.
	HOLLYWOOD, FLA TYPE OF ACCIDENT ENGINE FAILURE OR MAL ROLL OVER	LOCAL FUNCTION	ſ	LAND	OF OPERATION ING FINAL APPROACH ING LEVEL OFF/TOUCHDO	WN
	MISCELLANEOUS ACTS,CO TERRAIN - WET,SOFT GR PARTIAL POWER LOSS - PA EMERGENCY CIRCUMSTANCES	ONTANEOUS-IMPROPER ACTION NDITIONS - FUEL STARVATION DUND NTIAL LOSS OF POWER - 1 EN - FORCED LANDING OFF AIRF	IGINE PORT ON L		ECTION.PLT IS MOTORCYC	LIST.SOFT MUCK.

				BK1EF2	Ur ACC	,100				
FILE	DATE	LOCATION			F	S	M/N	FLIGHT PURPOSE	PILOT DATA	
3-2462	7/16/74 TIME - 04	LOXAHATCHEE, FLA	BELL 47		CR- C	0	1	COMMERCIAL		
	LOXAHAT TYPE OF A	F POINT  CHEE•FLA  CCIDENT  ED WITH WIRES/POLES	LOCAL	TION				OF OPERATION LIGHT PROCEDURE TURNAROU		
	PILOT 1 FACTOR(S) TERRAIN WEATHER WEATHER									
	SKY CONDITION  CLEAR VISIBILITY AT ACCIDENT SITE					CEILING AT ACCIDENT SITE UNLIMITED PRECIPITATION AT ACCIDENT SITE				
	5 OR ON OBSTRUCTI HAZE WIND VELO CALM TYPE OF F	CIDENT SITE			TEM TYP	5	ATURE-F F WEATHER CONDITIONS			
	K0 14 H01 18 GUNGLE COCKPIT FANK/HI ELEVA/1 PROCERC	DATA  SOURS IN CROP CONTRO  - 10.7	RD3 N/MOT REPORTED T4_'50 85 86~FEET - 18 RY TO PROCEDURE			TYP GLO CR 4 CR 4 TEC	E O VES SH 3F	F OPERATION - SPRAYING CRE F CHEMICAL USED - 110010 - NOT USED MELMET - AMATHABLE-USED SAK - MOT INSTALLED MATHABLE - LANGLING ST RUN-HOW SLOWN - WICH GALS		

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES	FLIGHT	PILOT DATA				
		DAYTONA BCH SHOFL	BELL 47G2A	CR- 1 0 0	COMMERCIAL	ATR,FLIGHT INSTR., AGE 27, 3535 TOTAL HOURS, 94 IN TYPE, INSTRUMENT RATED.				
	TYPE OF AC	POINT IN BCH SH,FL CIDENT		PHASE C						
	AIRFRAME FAILURE IN FLIGHT IN FLIGHT OTHER COLLISION WITH GROUND/WATER UNCONTROLLED IN FLIGHT UNCONTROLLED DESCENT									
	ROTORCRA MISCELLA MISCELLA MISCELLA FACTOR(S) MISCELLA	L - MAINTENANCE, SER FT - ROTOR ASSEMBLII NEOUS ACTS, CONDITIO NEOUS ACTS, CONDITIO NEOUS ACTS, CONDITIO	ES MAIN ROTOR BLADE NS - WRONG PART NS - MATERIAL FAILUR NS - SEPARATION IN F	S E LIGHT D REST IN WATER	NANCE (MAINTENANCE PERSO R BOOM & SEPRTD IN TURN O					
3-3566	9/24/74 TIME - 104	PLANT CITY,FLA 5	BELL 47G-5 NZ214W DAMAGE-SUBSTANTIAL		COMMERCIAL ASSOC CROP CTL ACTIVI	ATR, FLIGHT INSTR., AGE TY 36, 10473 TOTAL HOURS, 1620 IN TYPE, NOT INSTRU- MENT RATED.				
	DEPARTURE	POINT I	NTENDED DESTINATION							
	TYPE OF AC	CIDENT	UNCONTROLLED		DF OPERATION DFF VERTICAL					
	PROBABLE C PILOT IN		TE PREFLIGHT PREPARA	TION AND/OR PLA	ANNING					
	KIND OF PILOT°S CRASH HE CRASH BA	URS IN CROP CONTROL CROP - PASTURE SEAT BELT - UNKNOWN LMET - AVAILABLE-US R - NOT INSTALLED	/NOT REPORTED	TYPE OF GLOVES COCKPI TANK/HI	= OPERATION - SPRAYING ( = CHEMICAL USED - LIQUIU - NOT USED T CRASHPAD - NOT INSTALI OPPER-LOCATION - SIDES	D CHEMICAL-NONTOXIC				

FILE	DATE	LOCATION	AIRCRAFT DATA	IN.	JUR :	IES S M/	'N	FLIGHT PURPOSE	PILOT DATA
3-3965	10/26/74 NR. TIME - 0845	WAVERLY,FLA	BELL 47G21A N1161W DAMAGE-SUBSTANTIAL	CR- PX-	0	0	1	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 50, 8254 TOTAL HOURS, 6084 IN TYPE, NOT INSTRUMENT RATED.
	WAVERLY,FL TYPE OF ACCI	A DENT LURE OR MALFUNCT	INTENDED DESTINATION LOCAL ION						
	PILOT IN C MISCELLANE PILOT IN C COMPLETE POW	OMMAND - INADEQU OMMAND - MISMANA OUS ACTS,CONDITI OMMAND - MISJUDG ER LOSS - COMPLE	ATE PREFLIGHT PREPARAT GEMENT OF FUEL ONS - FUEL EXHAUSTION ED SPEED AND ALTITUDE TE ENGINE FAILURE/FLAN RCED LANDING OFF AIRPO	4E0UT-:	L EI	NGIN		NNING	
	PILOT'S SE GOGGLES - COCKPIT CR TANK/HOPPE ELEVATION-	S IN CROP CONTRO OP - FRUIT ORCHA AT BELT - UNKNOW NOT USED ASHPAD - NOT INS R-LOCATION - SID AREA BEING TREAT	N/NOT REPORTED  TALLED ES ED-FEET - 140	KIND OF OPERATION - SPRAYING CROPS  TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC  GLOVES - NOT USED  CRASH HELMET - AVAIALABLE-NOT USED  CRASH BAR - NOT INSTALLED  TERRAIN-TYPE - LEVEL, FLAT  SWATH RUN-HOW FLOWN - CROSSWIND  DO NOT NMLY STICK FUEL TANKS, CK VISUALLY.					
3-3854		T AUGUSTINE,FLA		P X -				MISCELLANEOUS DEMONSTRATION	COMMERCIAL, AGE 50, 4478 TOTAL HOURS, 125 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE PO	NE,FLA DENT NG	NE INTENDED DESTINATION			LAN	NDI	F OPERATION NG LEVEL OFF/TOUCHDOWN NG LEVEL OFF/TOUCHDOWN	
	PILOT IN C FACTOR(S) MISCELLANE	OMMAND - MISJUDG OMMAND - IMPROPE	ED SPEED AND ALTITUDE R OPERATION OF FLIGHT ONS - OVERLOAD FAILURE OR BLADES:		)LS				

			BRIEF	OF ACCIDE	NTS.			
FILE	DATE	LOCATION	AIRCRAFT DATA		-	FLIGHT PURPOSE	PILOT DATA	
3-4239	9 12/5/74 OKAHUMPKA,FLA SIKORSKY H-19C CR- 0 0 1 COMMERCIAL COMMERCIAL, AGE 2 TIME - 1330 N15182 PX- 0 0 0 AERIAL APPLICATION TOTAL HOURS, 100  DAMAGE-DESTROYED  DEPARTURE POINT INTENDED DESTINATION  OKAHUMPKA,FLA LOCAL  TYPE OF ACCIDENT  AIRFRAME FAILURE IN FLIGHT  COLLIDED WITH TREES  PHASE OF OPERATION  IN FLIGHT SWATH RUN  LANDING LEVEL OFF/TOUCHDOWN							
	PERSONNI MISCELLA MISCELLA MISCELLA ROTORCRA TERRAIN	EL - MAINTENANCE,SE EL - OPERATIONAL SU ANEOUS ACTS,CONDITI ANEOUS ACTS,CONDITI ANEOUS ACTS,CONDITI AFT - TRANSMISSION - HIGH OBSTRUCTION CIRCUMSTANCES - FO	ONS - LACK OF LUBRICA ONS - CORRODED/CORROS ONS - EXCESSIVE-WEAR/ ROTOR DRIVE SYSTEM TA	DEFICIENCY, FION-SPECIF FON PLAY AIL ROTOR D DRT ON LAND	COMP.	ANY MAINTAINED EQPMT,S ART,NOT SYSTEM	ERVICES, REGULATION	
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HO ELEVATIO	DURS IN CROP CONTRO CROP - FRUIT ORCHA SEAT BELT - FASTEN - NOT USED CRASHPAD - NOT INS PPER-LOCATION - AFT DN-AREA BEING TREAT	RDS ED-PROPERLY TALLED OF PILOT ED-FEET - 77	TYP GLO CRA CRA TER SWA	E OF VES - SH H SH B RAIN TH R	OPERATION - SPRAYING CHEMICAL USED - LIQUI - NOT USED ELMET - AVAILABLE-USED AR - NOT INSTALLED -TYPE - ROLLING UN-HOW FLOWN - CROSSWI -35-5082 WORN.AD 67-17	D CHEMICAL-NONTOXIC	

			BRIEF	S OF ACCI	DENTS				
FILE	DATE	LOCATION		F	S M/N	FLIGHT PURPOSE	PILOT DATA		
3-3967	12/18/74 N TIME - 081		BELL 47.1-2	CR - 1	0 0	COMMERCIAL			
	DAYTONA TYPE OF AC ENGINE F	POINT IN BEACH,FLA CIDENT AILURE OR MALFUNCTIO FAILURE IN FLIGHT	SATELLITE BCH,FLA		IN F	DF OPERATION IIGHT NORMAL CRUISE LIGHT NORMAL CRUISE			
	MISCELLA MISCELLA PILOT IN FACTOR(S) WEATHER MISCELLA PARTIAL PO WEATHER BR WEATHER FO	COMMAND - IMPROPER	IS - ANTI-ICING/DEIC IS - ICE-CARBURETOR MAINTAIN ADEQUATE IVE TO CARB./INDUCTI IS - SEPARATION IN F .OSS OF POWER - 1 EN CCEIVED-METHOD UNKNO T REPORTED	ING EQUIP ROTOR R•P ON SYSTEM LIGHT GINE WN	MENT-  .M.  ICIN	IMPROPER OPERATION OF/	OR FAILED TO USE		
	SKY CONDITION  CLEAR  VISIBILITY AT ACCIDENT SITE  5 OR OVER  OBSTRUCTIONS TO VISION AT ACCIDENT SITE  CEILING AT ACCIDENT SITE  UNLIMITED  PRECIPITATION AT ACCIDENT SITE  NONE  TEMPERATURE—F								
	NONE  WIND VELOCITY-KNOTS  CALM  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								

			RKIEFS								
									PILOT DATA		
3-1328	4/10/74 E TIME - 0430	BLUE RIDGE,GA	BELL 47G N25802 DAMAGE-SUBSTANTIAL	CR- PX-	0	0	1 0	COMMERCIAL AERIAL APPLICATION	PRIVATE,FL.INSTR., AGE 35, 2500 TOTAL HOURS, 50 IN TYPE, NOT INSTRUMENT RATED.		
	DEPARTURE POINT INTENDED DESTINATION BLUE RIDGE,GA LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH TREES IN FLIGHT HOVERING										
	PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED CLEARANCE										
	FACTOR(S) MISCELLANE										
		RCUMSTANCES - F	JNS PRECAUTIONARY LANDING OF SUSPECTED OR KNOWN AIRCR								
	KIND OF CF GLOVES - N CRASH HELN CRASH BAR ELEVATION-	RS IN CROP CONTF ROP — FRUIT ORCI NOT USED HET — AVAILABLE- NOT INSTALLED -AREA BEING TRE	ATED-FEET - 2000	KIND OF OPERATION - ANTI-FROST OPERATIONS PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TERRAIN-TYPE - ROLLING EXPERIENCED.ATMTD LOG IN CLEARING.T/R HIT TREES.							
3-4155	6/25/74 E TIME - 1230	BLAIRSVILLE,GA	BELL 206A N7881S DAMAGE-SUBSTANTIAL	CR- PX-	0	0	1	NONCOMMERCIAL BUSINESS	COMMERCIAL, AGE 30, 242' TOTAL HOURS, 73 IN TYPE NOT INSTRUMENT RATED.		
	NAME OF AIR										
	TYPE OF ACC	IDENT WITH OBJECT	BLAIRSVILLE, GA					F OPERATION NG POWER-ON LANDING			
			PER OPERATION OF FLIGHT DGED CLEARANCE	CONTR	OLS						
	MISCELLANI TERRAIN -	MISCELLANEOUS ACTS, CONDITIONS - SUNGLARE TERRAIN - OTHER									
	REMARKS- AC	FT DRIFTED R AF	TER T/D.HINGED SIGN STRU	JCK BY	( M/	к в	LAC	)E5.			

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FILE	DATE	LOCATION	AIRCRAFT DATA	IN	JUR	IES		FLIGHT	PILOT DATA
	7/31/74 TIME - 134 DEPARTURE ATLANTA TYPE OF AC	ATLANTA, GA 45 POINT , GA	ENSTROM F-28A N9582 DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL CTION	CR- PX-	0 0	O O HAS	1 2 E OF K EOF	NONCOMMERCIAL	COMMERCIAL, AGE 25, 1848 TOTAL HOURS, 178 IN TYPE, NOT INSTRUMENT RATED.
	PILOT IN PARTIAL PO EMERGENCY	ANT - MISCELLANEO N COMMAND - MISJU DWER LOSS - PARTI CIRCUMSTANCES -	US POWERPLANT FAILURE F DGED CLEARANCE AL LOSS OF POWER - 1 ENG FORCED LANDING OFF AIRPO LDG,DRG DSCNT MAIN ROTOR	GINE ORT ON	LΑ	ND			
3-3571	DEPARTURE ALMA,GA TYPE OF AC	ALMA,GA DO POINT CCIDENT D WITH WIRES/POL	INTENDED DESTINATION LOCAL		ρ	HASI	0 F	COMMERCIAL ASSOC CROP CTL ACTIVITY OPERATION GHT RETURN TO STRIP	COMMERCIAL, AGE 22, 1700 Y TOTAL HOURS, 800 IN TYPE, NOT INSTRUMENT RATED.
	FACTOR(S) MISCELLA	COMMAND - MISJU	TIONS - WINDSHIELD, DIRTY	∕,FOGG	ΥşΕ	TC 。	-RES	TRICTED VISION	
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HOS ELEVATIO	OURS IN CROP CONT CROP - BEANS SEAT BELT - UNKN - NOT USED CRASHPAD - NOT I PPER-LOCATION - S DN-AREA BEING TRE	ROL - UNKNOWN/NOT REPORT OWN/NOT REPORTED NSTALLED IDES ATEO-FEET - 250 ER WIRES。WINDSHIELD HAD		G C C I	YPE LOVI RASI RASI ERR WATI	OF S - H HE H BA A I N- H R U	CHEMICAL USED - LIQUID NOT USED	CHEMICAL-NONTOXIC

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M	/ N	FLIGHT PURPOSE	PILOT DATA				
3-3858	11/29/74 TIME - 13 DEPARTURE HOMERVI	HOMERVILLE,GA 00 POINT	BELL 205A1 N59441 DAMAGE-SUBSTANTIAL INTENDED DESTINATION	CR- 0 0 PX- 0 0	2	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 29, 1726 TOTAL HOURS, 590 IN TYPE, NOT INSTRUMENT RATED.				
	TYPE OF A COLLISI	TYPE OF ACCIDENT COLLISION WITH GROUND/WATER UNCONTROLLED PHASE OF OPERATION TAKEOFF VERTICAL									
		N COMMAND - INADEQU	JATE PREFLIGHT PREPARA ACCESSORIES - MISCELL								
	COCKPIT TANK/HO	OURS IN CROP CONTRO CROP - FOREST-TREE SEAT BELT - FASTEN CRASHPAD - INSTALI PPER-LOCATION - SLI	DL - 1900 ES HED-PROPERLY LED ING LOADED SLING LOAD,SLING CAUGH	CRAS TERR	HB. AIN-	AR - NOT INSTALLED -TYPE - LEVEL,FLAT					
3-0090	TIME - 09	00	HILLER ACFT UH-12E N9741C DAMAGE-DESTROYED INTENDED DESTINATION			COMMERCIAL CTR PASSG-D	COMMERCIAL, AGE 24, 3241 TOTAL HOURS, 489 IN TYPE, NOT INSTRUMENT RATED.				
	TYPE OF A	U, HAWAII	LOCAL			F OPERATION NG GO-AROUND					
	WEATHER FACTOR(S) TERRAIN WEATHER B	N COMMAND - DELAYER - DOWNDRAFT, UPDRAI	NS ING RECEIVED	UND							
		TION /NOT REPORTED Y AT ACCIDENT SITE		25	00	AT ACCIDENT SITE	ITE				
		5 OR OVER OBSTRUCTIONS TO VISION AT ACCIDENT SITE				TURE-F					
	30	CITY-KNOTS LIGHT PLAN		TYPE VF		WEATHER CONDITIONS					
	FIRE AFTER IMPACT REMARKS- STEEP MOUNTAINOUS TERRAIN.ENCOUNTERED SVR DOWNDRAFTS.										

			DK121	5 UF AC					
			AIRCRAFT DATA	F		S M/	N	PURPOSE	PILOT DATA
3-0482	2/27/74 LIHU TIME - 1400 DEPARTURE POINT LIHUE, HAWAII TYPE OF ACCIDEN	E•HAWAII T	HUGHES 269B N9398F DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL R UNCONTROLLED	CR- PX-	0 0	HASE	0	COMMERCIAL AERIAL APPLICATION  OPERATION GHT PULLUP FROM SWA	COMMERCIAL, AGE 26, 1130 TOTAL HOURS, 10 IN TYPE, NOT INSTRUMENT RATED.
	FILOT IN COMM.	AND BIVERIE	D ALLENTION FROM OPER TO MAINTAIN ADEQUATE I	ROTOR R			RA	·T	
	SPECIAL DATA TOTAL HOURS I KIND OF CROP PILOT'S SEAT GOGGLES - USE COCKPIT CRASH TANK/HOPPER-L ELEVATION-ARE PROCEDURE TUR REMARKS- DITCH		G C C	YPE LOVE RASH RASH ERRA	OF S I HI I B	OPERATION - DEFOLIAT CHEMICAL USED - LIQU: - NOT USED EIMET - AVAILABLE-USER R - NOT INSTALLED -TYPE - ROLLING JN-HOW FLOWN - UPWIND	ID CHEMICAL-NONTOXIC		
3-2804	4/24/74 KEKA TIME - 0905		HUGHES 269A N8732F DAMAGE-DESTROYED	CR- PX-	1 0	0	0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 46, 8050 TOTAL HOURS, 80 IN TYPE, NOT INSTRUMEN RATED.
	DEPARTURE POINT LIHUE,HAWAII TYPE OF ACCIDEN COLLIDED WITH				_	F OPERATION GHT PROCEDURE TURNAR			
	PROBABLE CAUSE( PILOT IN COMM FACTOR(S) TERRAIN - HIG	CTS OR	ΟВ	S TR L	IC T	IONS			
	SPECIAL DATA TOTAL HOURS I KIND OF CROP PILOT'S SEAT CRASH HELMET CRASH BAR — N TERRAIN—TYPE SWATH RUN—HOW FIRE AFTER IMPA REMARKS— HIT KN		T G C T E	YPE LOVE OCKF ANK/ LEV	OF S - IT HOI	OPERATION - OTHER CHEMICAL USED - LIOU USED CRASHPAD - NOT INSTAI PER-LOCATION - SIDES N-AREA BEING TREATED E TURNAROUND - SECON	LLED -FEET - 100		

				S UF AL					
FILE			AIRCRAFT DATA	I N.	UR I S	ES M∕N	J	PURPOSE	PILOT DATA
	4/25/74 NR -1 AHAINA - HAWAII	NR -1 AHATNA - HAWATT	HUGHES 269B	CR- PX-	Ω	٠ .	١ ر	OMMERCIAL	
	DEPARTURE LAHAINA	, HAWAII	INTENDED DESTINATION LOCAL			IN F	LIG	OPERATION HT SWATH RUN 5 POWER-OFF AUTOROTATIV	/E LANDING
	PROBABLE CAUSE(S)  POWERPLANT - ENGINE STRUCTURE OTHER  MISCELLANEOUS ACTS,CONDITIONS - MISSING  MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY INSTALLED  PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAIN FACTOR(S)  TERRAIN - ROUGH/UNEVEN  COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE							NANCE AND INSPECTION	
	SPECIAL DO TOTAL HO KIND OF PILOT'S GOGGLES COCKPIT TANK/HO ELEVATION	ATA OURS IN CROP CONTRO CROP — OTHER SEAT BELT — FASTEN — NOT USED CRASHPAD — NOT INS PPER-LOCATION — SIG	ED-PROPERLY  TALLED  JES ED-FEET - 200		KI TY GL CR CR TE SW	ND (PE (DVE)	DF C S - HEL BAR IN-T RUN	OPERATION - OTHER CHEMICAL USED - LIQUID ( USED MET - AVAILABLE-USED R - NOT INSTALLED TYPE - LEVEL,FLAT N-HOW FLOWN - CROSSWIND JESSFUL AUTOROTATION。SPR	

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FILE	DATE LOCATION	AIRCRAFT DATA	INJURIES FLIGHT F S M/N PURPOSE	PILOT DATA
	5/7/74 NR.KANEOHE, HAWA TIME - 1615 DEPARTURE PUINT KANEOHE, HAWAII TYPE OF ACCIDENT	II SIKORSKY S558 N865RL DAMAGE-SUBSTANTIAL INTENDED DESTINATION	CR- 0 0 2 COMMERCIAL PX- 0 0 1 CONSTRUCTION  PHASE OF OPERATION	COMMERCIAL AGE 32, 2000
	WEATHER FORECAST - FOREC EMERGENCY CIRCUMSTANCES	DRAFTS  ING RECEIVED-METHOD UNKNO AST SUBSTANTIALLY CORRECT - FORCED LANDING OFF AIRP ADVERSE/UNFAVORABLE WEA	ORT ON LAND -	
	SKY CONDITION SCATTERED VISIBILITY AT ACCIDENT S 5 OR OVER OBSTRUCTIONS TO VISION A NONE WIND DIRECTION-DEGREES 60 TYPE OF WEATHER CONDITIO VFR REMARKS- MOUNTAINOUS TER	T ACCIDENT SITE	CEILING AT ACCIDENT SITE UNKNOWN/NOT REPORTED PRECIPITATION AT ACCIDENT SITE NONE TEMPERATURE-F 84 WIND VELOCITY-KNOTS 10 TYPE OF FLIGHT PLAN NONE	
3-1067	5/17/74 NR.EWA BEACH,HA TIME - 0805	N90474	CR- 0 0 1 COMMERCIAL PX- 0 0 0 ASSOC CROP CTL ACTIVITY OT- 0 1 0	COMMERCIAL, AGE 27, 3534 TOTAL HOURS, 1500 IN TYPE, HOT INSTRUMENT RATED.
	DEPARTURE POINT EWA BEACH, HAWAII TYPE OF ACCIDENT PROPELLER/ROTOR ACCIDE	LOCAL	PHASE OF OPERATION STATIC IDLING ROTORS	NATES:
	PERSONNEL - OPERATIONA	OUS-PERSONNEL GROUND CRE L SUPERVISORY PERSONNEL ATTENDENT WALKED INTO TAI	INADEQUATE SUPERVISION/TRAINING OF RAMP	CREWS

			S UF ACC			
FILE	DATE LOCATION	AIRCRAFT DATA	INJUR	RIES	FLIGHT	PILOT DATA
	9/30/74 HONOKAA,HAWA TIME - 1415	I BELL 206 N4760R DAMAGE-SUBSTANTIAL	CR- 0 PX- 1	0 1 0 1	MISCELLANEOUS OTHER PUBLIC	COMMERCIAL, FL.INSTR., AGE 42, 6500 TOTAL HOURS 300 IN TYPE, NOT INSTRU- MENT RATED.
	HILO, HAWAII TYPE OF ACCIDENT ROLL OVER	INTENDED DESILNATION	ι F	LAST EN LAUF PHASE C STATI	PAHOEHOE, HAWAII OF OPERATION COUDLING ROTORS	TENT NATES.
	PROBABLE CAUSE(S) PILOT IN COMMAND - EX PILOT IN COMMAND - SP FACTOR(S) WEATHER - UNFAVORABLE	ONTANEOUS-IMPROPER ACTION				
	SKY CONDITION CLEAR VISIBILITY AT ACCIDENT 5 OR OVER OBSTRUCTIONS TO VISION NONE WIND DIRECTION-DEGREES		F T	UNLIM PRECIPI RAIN TEMPERA 79 WIND VE	AT ACCIDENT SITE MITED TATION AT ACCIDENT SIT TURE-F ELOCITY-KNOTS	E
	70 TYPE OF WEATHER CONDITI VFR REMARKS- PLT DEPLANED T	DNS D ASSIST PATIENT.WIND GUST	7	NONE	FLIGHT PLAN /R & M/R BLADE STRUCK P	ATIENT.
3-4040	12/3/74 NR.KAPAAU,HAWA TIME - 0730	II HILLER ACFT UH-12E N90474 DAMAGE-DESTROYED			COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 27, 3933 TOTAL HOURS, 1600 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT KAPAAU, HAWAII TYPE OF ACCIDENT ENGINE FAILURE OR MAL COLLIDED WITH TREES	INTENDED DESTINATION KAMUELA, HAWAII FUNCTION		IN FI	OF OPERATION LIGHT NORMAL CRUISE NG POWER-OFF AUTOROTA	
	MISCELLANEOUS ACTS, CO TERRAIN - HIGH OBSTRU COMPLETE POWER LOSS - C EMERGENCY CIRCUMSTANCES	SION ROTOR DRIVE SYSTEM C NDITIONS - MATERIAL FAILUR CTIONS DMPLETE ENGINE FAILURE/FLA - FORCED LANDING OFF AIRP FOR UNDET REASON•LND IN GU				

FILE	DATE	LOCATION	AIRCRAFT DATA	INJ	JR I	ES M/N	ì	FLIGHT	PILOT DATA	
	2/5/74 SODA SPRINGS;ID HILLER ACFT UH-12E CR- 0 0 1 COMMERCIAL COMMERCIAL, AGE 28, 4200 TIME - 1625 N90465 PX- 0 0 2 AIR TAXI-PASSG TOTAL HOURS, 640 IN TYPE, DAMAGE-SUBSTANTIAL INTENDED DESTINATION SODA SPRINGS;ID LOCAL  TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION IN FLIGHT NORMAL CRUISE LANDING POWER-OFF AUTOROTATIVE LANDING									
	POWERPLANT - MISCELLANEOU MISCELLANEOU PILOT IN COM FACTOR(S) TERRAIN - SM COMPLETE POWER EMERGENCY CIRC	MAINTENANCE,SE - FUEL SYSTEM JS ACTS,CONDITI JS ACTS,CONDITI JMAND - IMPROPE JOW-COVERED R LOSS - COMPLE CUMSTANCES - FO	RVICING, INSPECTION IN OTHER OTHER ONS — FUEL STARVATION ONS — IMPROPERLY INSTAR OPERATION OF FLIGHT  TE ENGINE FAILURE/FLAN RCED LANDING OFF AIRPO	ALLED CONTROI MEOUT-1 DRT ON I	.S EN .AN	G I N E D	<b></b>			
3-0692	TIME - 1550  NAME OF AIRPOR	RT - KETCHUM NT		PX- (	PH.	o d	0 T 0 F 0		COMMERCIAL, AGE 41, 3845 TOTAL HOURS, 664 IN TYPE, INSTRUMENT RATED.	
	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 NOS						LND NOSE HIGH.			

FILE	DATE	LOCATION	AIRCRAFT DATA	INJU ≅	RTES S N	ZN:	FLIGHT PURPOSE		PILOT DATA			
	7/31/74 N TIME - 130	NR.BLISS,ID DO	HILLER ACFT UH-12E	CR- 0								
	BLISS, IC	D CCIDENT	LOCAL ER UNCONTROLLED				F OPERATION FF OTHER					
	PILOT IN FACTOR(S) WEATHER WEATHER BE	N COMMAND - INADEQ N COMMAND - FAILED - HIGH DENSITY AL RIEFING - NO BRIEF					NNING					
	SKY CONDIT				AT ACCIDEN	T SITE						
	VISIBILITY 5 OR OVE	Y AT ACCIDENT SITE ER		PRECIPITATION AT ACCIDENT SITE NONE								
	OBSTRUCTION	DNS TO VISION AT A	CCIDENT SITE	TEMPERATURE-F 85								
	WIND DIREC	WIND VELOCITY-KNOTS										
	-	45 TYPE OF WEATHER CONDITIONS VFR					TYPE OF FLIGHT PLAN None					
	SPECIAL DA											
	TOTAL HI KIND OF PILOT'S GOGGLES CRASH B TERRAIN-	KIND OF OPERATION - SPRAYING CROPS  TYPE OF CHEMICAL USED - DRY CHEMICAL-TOXIC  GLOVES - USED  CRASH HELMET - AVAILABLE-USED  TANK/HOPPER-LOCATION - AFT OF PILOT  ELEVATION-AREA BEING TREATED-FEET - 3000										
	FIRE AFTE	R IMPACT	FT.PLT ALLOWED RPM TO	DROOP EA	CH 1	KOF	TIL REACHI	NG TRANS LIFT.	9TH LOAD, LOST CTL.			

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE					
3-3790				CR- 0 0 1 PX- 0 0 0		COMMERCIAL, AGE 54, 'IVITY 13700 TUTAL HOURS, 70 IN TYPE, NOT INSTRUMENT RATED.				
	ROBERTS, TYPE OF AC	ID CIDENT WITH CROP	INTENDED DESTINATION LOCAL	TAKEO	F OPERATION FF INITIAL CLIMB NG ROLL-ON/RUN-ON	NATEO 6				
	MISCELLA FACTOR(S) TERRAIN TERRAIN	COMMAND - SELECT NEOUS - FOREIGN N - HIGH VEGETATION - WET, SOFT GROUNT CIRCUMSTANCES - F		DRT ON LAND						
	SPECIAL DA TOTAL HO KIND OF PILOT'S CRASH HE CRASH BE ELEVATIO REMARKS- B	URS IN CROP CONTR CROP - GRAIN FIEL SEAT BELT - FASTE LMET - AVAILABLE- R - NOT INSTALLED N-AREA BEING TRE	ROL - 700 .DS NED-PROPERLY -USED NTED-FEET - 4800 NHEAT IMMED AFTER TKOP	KIND OF OPERATION - SPRAYING CROPS  TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC  GLOVES - NOT USED  COCKPIT CRASHPAD - NOT INSTALLED  TERRAIN-TYPE - ROLLING  SWATH RUN-HOW FLOWN - WIND CALM  F.ATMID ROLL-ON LDG.SKID STUCK IN SOFT GROUND.						
3-1913	5/1/74 TIME - 085	SPRINGFIELD, ILL 2	HILLER ACFT UH-12A N7636B DAMAGE-SUBSTANTIAL		MISCELLANEOUS TEST	AIRLINE TRANSPORT, AGE 51, 21000 TOTAL HOURS, 8 IN TYPE, INSTRUMENT RATED.				
	DEPARTURE	ELD, ILL CIDENT	INTENDED DESTINATION LOCAL		F OPERATION NG LEVEL OFF/TOUCH					
	PILOT IN FACTOR(S) PERSONNE ROTORCRA PILOT IN EMERGENCY	COMMAND - ATTEME COMMAND - MISJUE L - MAINTENANCE, FT - ROTOR ASSEME COMMAND - LACK C CIRCUMSTANCES - 1	PTED OPERATION BEYOND EXGED SPEED AND ALTITUDE SERVICING, INSPECTION IF SALES BLADE TRIM TABS OF FAMILIARITY WITH AIRCPRECAUTIONARY LANDING OF SALES BUFFET	MPROPER MAINTEN CRAFT N AIRPORT	ANCE (OWNER PERSONN	PEDITED LDG.M/R HIT TAIL.				

FILE	DATE	LOCATION	AIRCRAFT DATA	<u>I</u> N.	JURI	ES	.5	ELIGHT		PILOT DATA
	5/29/74	ATTERBURY,ILL	BRANTLY B-2 N5912X DAMAGE-SUBSTANTIAL	CR- PX-	0	0 1	COMM AERI	MERCIAL [AL APPLIC	CATION	ATALELIGHT INSTR., AGE 35. 2696 TOTAL HOURS, 75 IN TYPE, INSTRUMENT RATED.
	DEPARTURE F	POINT ',ILL	INTENDED CESTINATION							
	TYPE OF ACC	CIDENT AILURE OR MALFUNC		PHASE OF DPERATION IN FLIGHT PROCEDURE TURNAROUND IN FLIGHT PROCEDURE TURNAROUND						
	PILOT IN MISCELLAN FACTOR(S) TERRAIN - COMPLETE PO	COMMAND - INADEQ COMMAND - MISMAN MEOUS ACTS, CONDIT - WET, SOFT GROUND DWER LOSS - COMPL	IONS - FUEL EXHAUSTION	1EOUT-1	L EN	GINE		÷		
	KIND OF OPILOT'S S GOGGLES - COCKPIT OF TANK/HOPF ELEVATION	JRS IN CROP CONTR CROP — CORN SEAT BELT — FASTE - NOT USED CRASHPAD — NOT IN PER-LOCATION — BE N-AREA BEING TREA	NED-PROPERLY	KIND OF OPERATION — SPRAYING CROPS TYPE OF CHEMICAL USED — LIQUID CHEMICAL- GLOVES — NOT USED CRASH HELMET — AVAIALABLE—NOT USED CRASH BAR — NOT INSTALLED TERRAIN—TYPE — LEVEL,FLAT SWATH RUN—HOW FLOWN — UPWIND						EMICAL-NONTOXIC
3-1986	6/25/74 TIME - 1450	WHEELING,ILL	BRANTLY B2B N2173U DAMAGE-SUBSTANTIAL	CR- PX-	0	0 2 0 0	I NS 1 DUAL	TRUCTIONAL -	-	COMMERCIAL, AGE 30, 3077 TOTAL HOURS, 488 IN TYPE, NOT INSTRUMENT RATED.
		,ILL CIDENT						ERATION POWER-OFF	AUTOROTATIVE	LANDING
		AUSE(S) COMMAND - IMPROP IND GUSTING 18K,	ER LEVEL OFF							

FILE	DATE	LOCATION	AIRCRAFT DATA	IN	JUR:	IES S M/	'N	FLIGHT PURPOSE		PILOT DATA
3-2584	8/20/74 TIME - 16	HINSDALE, ILL 30	BELL 47G5A N211CB DAMAGE-SUBSTANTIAL	CR- PX-	0	0	1	NONCOMMERCIAL PLEASURE/PERSONAL	TRANSP	COMMERCIAL, AGE 26, 3993 TOTAL HOURS, 300 IN TYPE NOT INSTRUMENT RATED.
	DEPARTURE	,ILL CCIDENT NDING	INTENDED DESTINATION HINSDALE, ILL		Pł	LAN	١I DI	- OPERATION NG ROLL-ON/RUN-ON NG ROLL-ON/RUN-ON		
	PILOT I PILOT I	N COMMAND - IMPROPE N COMMAND - MISJUDG N COMMAND - IMPROPE	R OPERATION OF FLIGHT ED SPEED AND ALTITUDE R RECOVERY FROM BOUNCE RATE DRG FLARE, MADE RU	D LAN	ID I N		G.			
3-2199	6/2/74 TIME - 17		PHILLIPS PA1067 N3017 DAMAGE-DESTROYED							PRIVATE, AGE 48, 270 TOTAL HOURS, 4 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE SHERIDA TYPE OF A	N,IND CCIDENT	INTENDED DESTINATION LOCAL R UNCONTROLLED					F OPERATION FF INITIAL CLIMB		
		ANEOUS - UNDETERMIN	ED -LOSS OF CONTROL UNDET	ERMIN	IED					
3-2195	8/9/74 TIME - 14	GRIFFITH, IND	BRANTLEY B-2A N2156U DAMAGE-MINOR	CR- PX-	0	0	1	NONCOMMERCIAL PLEASURE/PERSONAL	TRANSP	PRIVATE, AGE 39, 235 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE UNKNOWN TYPE OF A	/NOT REPORTED	INTENDED DESTINATION GRIFFITH,IND O PERSON		Р	UNK HASE	10M 0	ROUTE STOP NN/NOT REPORTED F OPERATION C IDLING ROTORS	`	WA125.
	PERSONN	N COMMAND - INADEQU EL - MISCELLANEOUS-	ATE SUPERVISION OF FL' PERSONNEL PASSENGER OULD LEAVE HELICOPTER		SHU T-	-Dwr	N. P.	AX STRUCK BY RETRE	ATING RE	OTOR BLADE.

FILE	DATE LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3428	9/1/74 DEPAUW,IND TIME - 1530	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
	DEPARTURE POINT DEPAUW,IND TYPE OF ACCIDENT ROLL OVER	INTENDED DESTINATION LOCAL		OF OPERATION IGHT HOVERING	RATED.
	PILOT IN COMMAND - IMPE FACTOR(S) PILOT IN COMMAND - LACE	IFIED PERSON OPERATED AIR( ROPER OPERATION OF FLIGHT  OF FAMILIARITY WITH AIR( ED.PILOT HAD NO CERT OR ME	CONTROLS	INSTRUCTION.PLT TEACHIN	G HIMSELF TO FLY。
3-3235	10/3/74 ROANOKE, IND TIME - 1255				STUDENT, AGE 40, 300 SP TOTAL HOURS, 100 IN TYPE NOT INSTRUMENT RATED.
	NAME OF AIRPORT - MOORE F TYPE OF ACCIDENT COLLISION WITH GROUND/V	TIELD Water uncontrolled	PHASE O In Fl	OF OPERATION IGHT LOW PASS	
	PILOT IN COMMAND - MIS, FACTOR(S) MISCELLANEOUS ACTS, CON	ROPER OPERATION OF FLIGHT JUDGED SPEED DITIONS — UNWARRANTED LOW DLLED INVERTED DRG PULL—UI	FLYING	-100-1 ENG.	
3-3623	11/22/74 VALPARAISO, INI TIME - 1410	SIKORSKY S-52-3 N54059 DAMAGE-SUBSTANTIAL		NONCOMMERCIAL PLEASURE/PERSONAL TRAN	COMMERCIAL, AGE 53, 1114 SP TOTAL HOURS, 69 IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIRPORT - PORTER DEPARTURE POINT VALPARAISO, IND TYPE OF ACCIDENT ENGINE FAILURE OR MALFO COLLIDED WITH DITCHES	COUNTY INTENDED DESTINATION LOCAL	PHASE ( TAKEC	OF OPERATION OFF INITIAL CLIMB NG POWER-OFF AUTOROTAT	IVE LANDING
	MISCELLANEOUS ACTS, CON MISCELLANEOUS ACTS, CON AIRPORTS/AIRWAYS/FACIL COMPLETE POWER LOSS - CO EMERGENCY CIRCUMSTANCES	SE N MATERIAL AFFECTING NORM DITIONS — FUEL STARVATION DITIONS — WATER IN FUEL ITIES — AIRPORT CONDITION: MPLETE ENGINE FAILURE/FLAI ASS FOUND IN FUEL TANK. 2	S OTHER MEOUT-1 ENGINE RT/SEAPLANE BAS		

				F	S	M/N	FLIGHT PURPOSE	PILOT DATA
		TERLOO,IOWA		CR- (				COMMERCIAL, FL.INSTR., AGE 25, 1207 TOTAL HOURS, 53 IN TYPE, NOT INSTRUMENT
	DEPARTURE POINT WATERLOO, IO	WA ENT	TENDED DESTINATION				F OPERATION IGHT OTHER	
	DUAL STUDEN PILOT IN CO	T - MISJUDGED DIS T - FAILED TO MA	STANCE, SPEED, ALTITUD ( INTAIN ADEQUATE ROTOF TE SUPERVISION OF FLI PS.	R R . P . M .		NCE		
3-4159	12/30/74 BE							AIRLINE TRANSPORT, AGE P 28, 2662 TOTAL HOURS, 62 IN TYPE, INSTRUMENT RATED.
	BETTENDORF, Type of accid	IOWA	NTENDED DESTINATION LOCAL				DF OPERATION FF RUN	NA 160 °
	MISCELLANEON FACTOR(S) PERSONNEL -	MMAND - IMPROPER US ACTS, CONDITION  MAINTENANCE, SERV		NADEQUA	Е М	AINI	CONTROLS  TENANCE AND INSPECTION ATION DRG L/O.GR DAMPERS	FND TO BE FLAT.

		DRIEF	3 OF ACCIDENTS		
	DATE LOCATION				PILOT DATA
	2/5/74 SCOTT CITY,KAN TIME - 1900 DEPARTURE POINT LEOTI,KANS TYPE OF ACCIDENT	NS HUGHES 269A N8719F DAMAGE-SUBSTANTIAL INTENDED DESTINATION	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL BUSINESS F OPERATION	COMMERCIAL, AGE 36, 2656 TOTAL HOURS, 414 IN TYPE, NOT INSTRUMENT RATED.
	PILOT IN COMMAND - BECA	TINUED VER FLIGHT INTO ADVITED TO THE TIME TO THE TIME TO THE TRANSPORTED TO THE TOTAL TO THE TRANSPORTED TO			
	SKY CONDITION UNKNOWN/NOT REPORTED VISIBILITY AT ACCIDENT S: 5 OR OVER OBSTRUCTIONS TO VISION AT NONE TYPE OF FLIGHT PLAN NONE REMARKS— FLEW INTO LOW CI	T ACCIDENT SITE	1000 PRECIPI NONE	AT ACCIDENT SITE TATION AT ACCIDENT SI WEATHER CONDITIONS	I TE
3-0191	2/19/74 WICHITA,KANS TIME - 1435	HUGHES 269C N8968F DAMAGE-SUBSTANTIAL		MISCELLANEOUS DEMONSTRATION	COMMERCIAL, FL.INSTR., AGE 26, 2196 TOTAL HOURS 830 IN TYPE, NOT INSTRU- MENT RATED.
	TYPE OF ACCIDENT ENGINE FAILURE OR MALFU HARD LANDING  PROBABLE CAUSE(S) MISCELLANEOUS ACTS, CONU	INTENDED DESTINATION LOCAL	LANDI LANDI TIONS	OF OPERATION NG TRAFFIC PATTERN-( NG POWER-OFF AUTORO	CIRCLING

FILE	DATE LOCATI	ON AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	
3-3393	6/10/74 DODGE CITY TIME - 0620  DEPARTURE POINT DODGE CITY, KANS TYPE OF ACCIDENT ENGINE FAILURE OR N HARD LANDING	/,KANS BELL 47G-3B N1380X DAMAGE-SUBSTANTIA INTENDED DESTINATION HILL CITY,KANS	CR- 0 0 1 PX- 0 0 0 AL PHASE ( IN F:	MISCELLANEOUS FERRY  OF OPERATION LIGHT CLIMB TO CRUIS ING LEVEL OFF/TOUCHD	COMMERCIAL, AGE 47, 7209 TOTAL HOURS, 64 IN TYPE, NOT INSTRUMENT RATED.
	PILOT IN COMMAND — MISCELLANEOUS ACTS, MISCELLANEOUS ACTS, PILOT IN COMMAND — FACTOR(S) TERRAIN — WET,SOFT PARTIAL POWER LOSS — EMERGENCY CIRCUMSTANC	CONDITIONS - PRESSURE TOO L FAILED TO FOLLOW APPROVED P CONDITIONS - IMPROPER EMERG CONDITIONS - FUEL STARVATION MISJUDGED SPEED AND ALTITUD	PROCEDURES, DIREC SENCY PROCEDURES ON SE ENGINE RPORT ON LAND		ECT FUEL PUMP NOT ON.
3-4322	11/1/74 TOPEKA,KAN TIME - 1013	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 TYPE OF ACCIDENT COLLIDED WITH AUTO		PHASE ( LAND)	OF OPERATION ING POWER-OFF AUTORO	
	PILOT IN COMMAND - FIRE AFTER IMPACT	DETERMINED ASIVE MANEUVER TO AVOID COLL FAILED TO MAINTAIN ADEQUATE E DESCENT TO PARKING LOT.HIG	ROTOR R.P.M.	WITH LOW RPM.REASON	FOR LDG NOT DETERMINED.
3-3876	11/20/74 GREENWICH, TIME - 1030	KANS HUGHES 269C N8968F DAMAGE-SUBSTANTIA	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 48, 2970 TOTAL HOURS, 1016 IN TYPE, NOT INSTRU-
	DEPARTURE POINT WICHITA, KANS TYPE OF ACCIDENT ROLL OVER	INTENDED DESTINATION LOCAL	PHASE (	OF OPERATION ING POWER-OFF AUTORO	MENT RATED.  TATIVE LANDING
	PILOT IN COMMAND -	MISJUDGED DISTANCE AND SPEE SELECTED UNSUITABLE TERRAIN TICE AUTOROTATIONS.OVERSHOT	J	EATFIELD BTWN RNWYS,A	CFT ROCKED FWD ON SKIDS

FILE	DATE L	OCATION	AIRCRAFT DATA	IN.	JUR =	IES S M/	N	FLIGHT PURPOSE	PILOT DATA
		VIII F.KY		CR- PX-	0	0	2	INSTRUCTIONAL	
	NAME OF AIRPORT DEPARTURE POINT LOUISVILLE, KY TYPE OF ACCIDENT ROLL OVER		FIELD INTENDED DESTINATION LOCAL					F OPERATION IGHT HOVERING	NA.CD.
		- IMPROPER OP	ERATION OF FLIGHT CONT ATE SUPERVISION OF FLI						
3-0861	2/1/74 ROYAU TIME - 1430		BELL 47J-2 N711JW DAMAGE-DESTROYED	CR- PX-	0	0	1	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 46, 6294 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT ROYALTON, KY TYPE OF ACCIDENT COLLIDED WITH	-	INTENDED DESTINATION				_	F OPERATION IGHT HOVERING	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	FIRE AFTER IMPAG	AND - FAILED	TO SEE AND AVOID OBJEC BY 4 WOODEN STAKE.	CTS OR	ОВ	STRI	JC T	IONS	
3-1922	7/7/74 DREY! TIME - 1454							NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 34, 164 TOTAL HOURS, 102 IM TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT BIG HILL, KY TYPE OF ACCIDEN' COLLIDED WITH	г	INTENDED DESTINATION DREYFUS,KY					F OPERATION NG FINAL APPROACH	
	PROBABLE CAUSE() PILOT IN COMM, FACTOR(S) TERRAIN - HIGG REMARKS- HIT WI	AND - FAILED  - OBSTRUCTION		CTS OR	08	S TR (	JC T	TONS	

				PILOT DATA				
		F S M/N	PURPOSE					
7/19/74 NR CLINTON KY	BELL 47D1 N8282E	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 TYPE OF ACCIDENT COLLIDED WITH TREES	INTENDED DESTINATION LOCAL							
PROBABLE CAUSE(S) PILOT IN COMMAND - FAI	LED TO MAINTAIN ADEQUATE	ROTOR R.P.M.						
KIND OF CROP - BEANS GLOVES - NOT USED CRASH HELMET - AVAILAB CRASH BAR - NOT INSTAL TERRAIN-TYPE - LEVEL,F	LE-USED LED LAT	TYPE OF GOGGLES COCKPI TANK/HO ELEVAT	= CHEMICAL USED - LIO 5 - NOT USED T CRASHPAD - NOT INST DPPER-LOCATION - SIDE ION-AREA BEING TREATEI	DID CHEMICAL-TOXIC ALLED S D-FEET - 390				
1/8/74 NR.VENICE, LA TIME - 1240	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.				
VENICE, LA Type of accident	W.DELTA NR 79			TENT NATEUS				
FACTOR(S)  PILOT IN COMMAND - IMP MISCELLANEOUS ACTS, CON WEATHER - LOW CEILING WEATHER - FOG WEATHER BRIEFING - OTHER	ROPER IN-FLIGHT DECISIONS DITIONS - AIRCRAFT CAME TO	OR PLANNING						
SKY CONDITION OBSCURATION		CEILING						
VISIBILITY AT ACCIDENT S ZERO	ITE	PRECIP: NONE	ITATION AT ACCIDENT S	ΙΤΈ				
OBSTRUCTIONS TO VISION A FOG TYPE-OF FLIGHT PLAN NONE	T ACCIDENT SITE	TYPE OF IFR	- WEATHER CONDITIONS					
	DATE LOCATION  7/19/74 NR.CLINTON,KY TIME - 1125  DEPARTURE POINT CLINTON,KY TYPE OF ACCIDENT COLLIDED WITH TREES  PROBABLE CAUSE(S) PILOT IN COMMAND - FAI  SPECIAL DATA TOTAL HOURS IN CROP CO KIND OF CROP - BEANS GLOVES - NOT USED CRASH HELMET - AVAILAB CRASH BAR - NOT INSTAL TERRAIN-TYPE - LEVEL,F SWATH RUN-HOW FLOWN -  1/8/74 NR.VENICE,LA TIME - 1240  DEPARTURE POINT VENICE,LA TYPE OF ACCIDENT COLLISION WITH GROUND/ PROBABLE CAUSE(S) PILOT IN COMMAND - IMP MISCELLANEOUS ACTS,CON WEATHER - FOG WEATHER FORECAST - UNKNO SKY CONDITION OBSCURATION VISIBILITY AT ACCIDENT S ZERO OBSTRUCTIONS TO VISION AFOG	DATE LOCATION AIRCRAFT DATA  7/19/74 NR.CLINTON,KY BELL 47D1 N8282E DAMAGE-SUBSTANTIAL  DEPARTURE POINT INTENDED DESTINATION CLINTON,KY LOCAL  TYPE OF ACCIDENT COLLIDED WITH TREES  PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE IN  SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 389 KIND OF CROP - BEANS GLOVES - NOT USED CRASH HELMET - AVAILABLE-USED CRASH HELMET - AVAILABLE-USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - LEVEL,FLAT SWATH RUN-HOW FLOWN - CROSSWIND  1/8/74 NR.VENICE,LA BELL 206B N4020G DAMAGE-DESTROYED  DEPARTURE POINT INTENDED DESTINATION VENICE, LA TYPE OF ACCIDENT COLLISION WITH GROUND/WATER CONTROLLED  PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADV FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO WEATHER - LOW CEILING WEATHER BRIEFING - OTHER WEATHER BRIEFING - OTHER WEATHER FORECAST - UNKNOWN/NOT REPORTED  SKY CONDITION OBSCURATION VISIBILITY AT ACCIDENT SITE ZERO OBSTRUCTIONS TO VISION AT ACCIDENT SITE	DATE LOCATION AIRCRAFT DATA INJURIES F S M/N  7/19/74 NR.CLINTON,KY BELL 47D1 CR - 0 0 1 TIME - 1125 N8282E PX - 0 0 0 DAMAGE-SUBSTANTIAL  DEPARTURE POINT INTENDED DESTINATION CLINTON,KY LOCAL TYPE OF ACCIDENT COLLIDED WITH TREES IN FI  PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.  SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 389 KIND OF CROP - BEANS GLOVES - NOT USED GOOGGE CRASH HELMET - AVAILABLE-USED GOOGGE CRASH BAR - NOT INSTALLED TANK/HI SWATH RUN-HOW FLOWN - CROSSWIND PROCEDU  1/8/74 NR.VENICE; LA BELL 206B CR - 0 0 1 TERRAIN-TYPE - LEVEL; FLAT ELEVAT SWATH RUN-HOW FLOWN - CROSSWIND PROCEDU  1/8/74 NR.VENICE; LA BELL 206B CR - 0 0 1 TYPE OF ACCIDENT INTENDED DESTINATION VENICE; LA W.DELTA NR 79 TYPE OF ACCIDENT COLLISION WITH GROUND/WATER CONTROLLED LAND  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT INTO ADVERSE WEATHER (FACTOR(S)) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN MATER WEATHER - LOW CEILING WEATHER - FOG WEATHER PORCAST - UNKNOWN/NOT REPORTED  SKY CONDITION CEILING OBSCURATION OF PRECIP NONE TYPE OF OBSTRUCTIONS TO VISION AT ACCIDENT SITE TYPE OF FOG OBSTRUCTIONS TO VISION AT ACCIDENT SITE TYPE OF FOG OBSTRUCTIONS TO VISION AT ACCIDENT SITE TYPE OF FOG OBSTRUCTIONS TO VISION AT ACCIDENT SITE TYPE OF FOR	T/19/74 NR.CLINTON,KY BELL 4701 CR- 0 0 1 COMMERCIAL TIME - 1125 N8282E PX- 0 0 0 AERIAL APPLICATION N8282E PX- 0 0 0 AERIAL APPLICATION DEPARTURE POINT INTENDED DESTINATION CLINTON,KY TYPE OF ACCIDENT COLLIDED WITH TREES INTENDED DESTINATION COLLIDED WITH TREES IN FLIGHT PROCEDURE TURN.  PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.  SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 389 KIND OF CROP - BEANS GLOVES - NOT USED CRASH HELMET - AVAILABLE-USED COCKPIT CRASH BAR - NOT INSTALLED TERRAIN-TYPE - LEVEL,FLAT CRASH BAR - NOT INSTALLED TERRAIN-TYPE - LEVEL,FLAT ELEVATION-AREA BEING TREATE SWATH RUN-HOW FLOWN - CROSSWIND  DEPARTURE POINT INTENDED DESTINATION VENICE,LA M.020G PX- 1 0 2 AIR TAXI-PASSG DAMAGE-DESTROYED  DEPARTURE POINT INTENDED DESTINATION VENICE,LA M.020TAN 79 PHASE OF OPERATION TOWN OF CROP PHASE OF OPERATOR TOWN OF CROP PHASE OF OPERATOR TOWN OF CROP PHASE OF OPERATOR				

FILE	DATE LOCA	TION	AIRCRAFT DATA	.I N J F	URIES S M/	N	FLIGHT PURPOSE	PILOT DATA
3-0251	3/8/74 GLORIA,L TIME - 0730	. A	BELL 206B N4833 DAMAGE-DESTROYED	CR- PX-	0 0 0 0	1 1	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 26, 5467 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIRPORT - G DEPARTURE POINT TOCA, LA TYPE OF ACCIDENT COLLISION WITH GR	IN	TENDED DESTINATION GLORIA,LA				- OPERATION NG FINAL APPROACH	
	PILOT IN COMMAND FACTOR(S)	- MISJUDGED	VFR FLIGHT INTO ADV	DE			ONDITIONS	
	MISCELLANEOUS ACT WEATHER - LOW CEI WEATHER - FOG WEATHER BRIEFING - WEATHER FORECAST -	LING NO BRIEFING		REST	IN WAI	ER		
	SKY CONDITION UNKNOWN/NOT REPOR VISIBILITY AT ACCID 2 MILES OR LESS OBSTRUCTIONS TO VIS	DENT SITE		300 PRECI NON	PI E	AT ACCIDENT SITE TATION AT ACCIDENT SITE TURE-F	≣	
	SMOKE TYPE OF WEATHER CON IFR REMARKS- FLEW INTO		PCH TO HELI PAD.		21 TYPE NON		FLIGHT PLAN	
3-0684	4/11/74 PATTERSO TIME - 1735	DN,LA	BELL 206B N30AL DAMAGE-SUBSTANTIAL	CR- PX-	0 0 0 0	1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 30, 2458 TOTAL HOURS 316 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - W DEPARTURE POINT MORGAN CITY+LA TYPE OF ACCIDENT ENGINE FAILURE OF HARD LANDING	IN	TENDED DESTINATION PATTERSON, LA		IN	FL:	F OPERATION IGHT NORMAL CRUISE NG POWER-OFF AUTOROTA'	TIVE LANDING
	PROBABLE CAUSE(S) PILOT IN COMMAND PILOT IN COMMAND MISCELLANEOUS ACT							
		S - COMPLETE	E ENGINE FAILURE/FLAM ED LANDING OFF AIRPO			۱E		

FILE	DATE	LOCATION	AIRCRAFT DATA	IN	JUF F	RIES	/ N	FLIGHT PURPOSE		PILOT DATA	
	5/24/74 TIME - 13 DEPARTURE	NR.MER ROUGE,LA 45 POINT GE,LA	KAMAN ACFT K-600 N61757 DAMAGE-DESTROYED INTENDED DESTINATION		0	0	0			COMMERCIAL, AGE 31, 3422 TOTAL HOURS, 181 IN TYPE, NOT INSTRUMENT RATED.	
	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										
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HO ELEVATI	OURS IN CROP CONTR CROP — COTTON SEAT BELT — UNKNO NOT USED CRASHPAD — NOT IN DPPER-LOCATION — AI ON-AREA BEING TREA R IMPACT	OWN/NOT REPORTED NSTALLED =T OF PILOT	CRASH HELMET - AVAILABLE-USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - LEVEL,FLAT SWATH RUN-HOW FLOWN - CROSSWIND							
3-2429	8/9/74 GRAND ISLE, LA BELL 206B CR- 0 0 1 COMMERCIAL COMMERCIAL, AGE 26, 2156 TIME - 0719 N4111G PX- 0 0 4 AIR TAXI-PASSG TOTAL HOURS, 443 IN TYPE  DAMAGE-DESTROYED  NAME OF AIRPORT - FREEPORT-SULPHUR  DEPARTURE POINT INTENDED DESTINATION GRAND ISLE, LA  TYPE OF ACCIDENT ROLL OVER  PHASE OF OPERATION IN FLIGHT HOVERING								COMMERCIAL, AGE 26, 2156 TOTAL HOURS, 443 IN TYPE, INSTRUMENT RATED.		
	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.										

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/1	N	FLIGHT PURPOSE	PILOT DATA			
3-3488	11/30/74 TIME - 083	VENICE, LA	BELL 47G-4A N7848S DAMAGE-DESTROYED	CR- 0 0 PX- 0 0	1 (	OMMERCIAL VIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 37, 2511 TOTAL HOURS, 199 IN TYPE, INSTRUMENT RATED.			
	DEPARTURE S PASS	CCIDENT	PORT INTENDED DESTINATION VENICE-LA	LAN	DINO	OPERATION FINAL APPROACH POWER-ON LANDING	KATEUS			
	MISCELLA PILOT IN FACTOR(S) WEATHER MISCELLA PILOT IN WEATHER BF	AUSE(S) I COMMAND - IMPROFINEOUS ACTS, CONDII I COMMAND - IMPROFINEOUS ACTS, CONDII I COMMAND - FAILEF ILLEFING - NO BRIEF ORECAST - FORECAST								
	SKY CONDIT			CEILII 120		AT ACCIDENT SITE				
	VISIBILITY	AT ACCIDENT SITE		PRECI	PITA	TION AT ACCIDENT SIT	E			
	5 OR OVE OBSTRUCTION		ACCIDENT SITE		ΙVΕ	BEARING OF WIND [ND 158-202 DEGREES				
		TION-DEGREES		WIND 30	VEL	OCITY-KNOTS				
	330 TYPE OF WE VFR	ATHER CONDITIONS				FLIGHT PLAN				
	FIRE AFTER IMPACT REMARKS- PLT INADVRTNTLY MADE APPROACH WTH 30 KT TAILWND									
3-2756	8/31/74 TIME - 141	S CASCO↑ME 5	ENSTROM F-28A N29HW DAMAGE-DESTROYED	CR- 1 0 PX- 0 0	0 i	NONCOMMERCIAL PLEASURE/PERSONAL TRA	PRIVATE, AGE 39, 818 NSP TOTAL HOURS, 118 IN TYPE NOT INSTRUMENT RATED.			
	DEPARTURE PORTLAN	POINT	DAMAGE-DESTROYED INTENDED DESTINATION LOCAL							
	TYPE OF AC MISCELLA HARD LAN	CIDENT ANEOUS	20072	CENT						
	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									

			AIRCRAFT DATA		F	S M.	/N	PURPOSE	PILOT DATA		
3-1348	2/13/74 GAITH TIME - 1725	HERSBURG, MD	HUGHES 269B N9397F DAMAGE-SUBSTANTIAL	CR- PX-	0	0	1 0	NONCOMMERCIAL	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 ROLL-ON/RUN-ON										
	PILOT IN COMMA	ND - MISJUDGI ND - IMPROPER	ED SPEED AND ALTITUDE R OPERATION OF FLIGHT NNING ON GND NOSE PITO	CONTR			STR	UCK GROUND.			
3-0031	1/3/74 TAUNT TIME - 0730			PX-				NONCOMMERCIAL PLEASURE/PERSONAL TRANSF			
	NAME OF AIRPORT DEPARTURE POINT TAUNTON, MASS TYPE OF ACCIDENT ENGINE FAILURE HARD LANDING		INTENDED DESTINATION LOCAL			IN	FL	F OPERATION IGHT POWER-ON DESCENT NG POWER-OFF AUTOROTATIN			
	MISCELLANEOUS MISCELLANEOUS PILOT IN COMMA FACTOR(S) WEATHER - CONE MISCELLANEOUS PARTIAL POWER LO	AND - IMPROPER ACTS, CONDITION ACTS, CONDITION AND - MISJUDGE ACTS, CONDUCT ACTS, CONDITION ACTS, CONDITION ACTS, CONDITION ACTS, CONDITION ACTS	R OPERATION OF POWERPINS - ANTI-ICING/DEIC: DNS - ICE-CARBURETOR ED DISTANCE AND ALTITIC DIVE TO CARB./INDUCTIC DNS - SIMULATED CONDI- LOSS OF POWER - 1 ENERGED LANDING OFF AIRPE	ING EQ JDE DN SYS TIONS GINE	UIP TEM	IC	T-I	NT CONTROLS MPROPER OPERATION OF/OR F	FAILED TO USE		
	SKY CONDITION UNKNOWN/NOT RE VISIBILITY AT AC 5 OR OVER	CIDENT CITE		CEILING AT ACCIDENT SITE 6000 PRECIPITATION AT ACCIDENT SITE SNOW							
	OBSTRUCTIONS TO NONE WIND DIRECTION-0 240 TYPE OF WEATHER	)EGREES	TIDEM! 211E		Ы	30 IND 6	VΕ	TURE-F LOCITY-KNOTS - FLIGHT PLAN			
	VFR	COUNTITONS		TEIGHT FLAN							

FILE	DATE		AIRCRAFT DATA		URIES S M/	/ N	FLIGHT PURPOSE		PILOT DATA
3-2648	9/6/74 TIME - 1430	CANTON, MASS D	BELL 47G4A N4034G DAMAGE-SUBSTANTIAL	CR- PX-	0 0	2	INS TRUCTIONAL DUAL	-	COMMERCIAL, FL.INSTR., AGE 58, 15850 TOTAL HOURS, 11385 IN TYPE, NOT INSTRUMENT RATED.
		CIDENT	INTENDED DESTINATION RETURN		PHASE	OF	OPERATION	AUTOROTATIVE	LANDING
	PILOT IN FACTOR(S) MISCELLAN EMERGENCY (	DENT - MISJUDGED COMMAND - INADEQ NEOUS ACTS, CONDIT CIRCUMSTANCES - F	SPEED AND ALTITUDE UATE SUPERVISION OF FLI IONS - SIMULATED CONDIT ORCED LANDING ON AIRPOR IVE LNDG.M/R BLADES STR	IONS T/SEAP					
3-3584	10/3/74 TIME - 1100		ENSTROM F-28A N4879 DAMAGE-SUBSTANTIAL	CR- PX-	0 0 0 0	1 (	NONCOMMERCIAL CORP/EXEC	-	COMMERCIAL, AGE 36, 3270 TOTAL HOURS, 870 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE								
	TYPE OF ACMISCELLAR	CIDENT NEOUS	TANOM 120 THAT		LAN	ND I NO	OPERATION G OTHER G POWER-OFF	AUTOROTATIVE	LANDING
	MISCELLA MISCELLA TERRAIN FACTOR(S) PERSONNE	FT - TRANSMISSION NEOUS ACTS,CONDIT NEOUS ACTS,CONDIT - ROUGH/UNEVEN L - PRODUCTION-DE	ROTOR DRIVE SYSTEM CL IONS - LOOSE, PART/FITTI IONS - DISCONNECTED	NG ADEQUA	TE DES	SIGN			
		S	ORCED LANDING ON AIRPOR USPECTED MECHANICAL DIS OSE•ROD DISCONNECTED FM	CREPAN	ICY			TENSION ON R	OTOR DRIVE BELT.
3-0786	TIME - 180	FLINT,MICH 1	DAMAGE-SUBSTANTIAL	CR- PX-	0 0	2 1	NONCOMMERCIAL PRACTICE	-	PRIVATE, AGE 30, 118 TOTAL HOURS, 33 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE FLINT,MI TYPE OF AC ROLL OVE	CH CIDENT	INTENDED DESTINATION LOCAL				OPERATION F VERTICAL		
	PILOT IN	COMMAND - FAILED COMMAND - IMPROP	TO MAINTAIN ADEQUATE R ER COMPENSATION FOR WIN DROPPED BLO GREEN ARC,A	D COND	ITIONS		STING 25K.		

DATE	LOCATION	AIRCRAFT DATA	IN	JUR F	IES S M	; 1/N	FLIGHT PURPOSE	PILOT DATA		
4/27/74 IMLA TIME - 1505	Y CITY,MICH	HUGHES 269A-1 N8902F DAMAGE-SUBSTANTIAL	CR- PX-	0 0	0 0	1	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 45, 91 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.		
TROY, MICH TYPE OF ACCIDENT	Т	INTENDED DESTINATION IMLAY CITY,MICH		Ρ	HA S	E 0	F OPERATION			
PILOT IN COMM	AND - FAILED 1					-	_	D •		
5/1/74 HART TIME - 1730				0	0	1	MISCELLANEOUS FERRY	COMMERCIAL, FL.INSTR., AGE 31, 2872 TOTAL HOURS, 2238 IN TYPE, INSTRUMENT RATED.		
TIPE OF ACCIDEN	r	INTENDED DESTINATION GREENVILLE,MICH PHASE OF OPERATION								
ROTORCRAFT - MISCELLANEOUS	FLIGHT CONTRO ACTS, CONDITION	DNS - MISSING						-725-018-1.NOT FOUND		
5/29/74 BELD TIME - 1000	ING,MICH			0	0	1	COMMERCIAL ASSOC CROP CTL ACTIVIT	COMMERCIAL, FL.INSTR., Y AGE 27, 1537 TOTAL HOURS, 900 IN TYPE, INSTRUMENT RATED.		
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										
	4/27/74 IMLA TIME - 1505  DEPARTURE POINT TROY, MICH TYPE OF ACCIDEN COLLIDED WITH  PROBABLE CAUSE( PILOT IN COMM. REMARKS- T/R BL  5/1/74 HART TIME - 1730  DEPARTURE POINT HART, MICH TYPE OF ACCIDEN AIRFRAME FAIL  PROBABLE CAUSE( ROTORCRAFT - MISCELLANEOUS  TYPE OF ACCIDEN ENGINE FAILUR HARD LANDING  PROBABLE CAUSE( ROTORCRAFT - MISCELLANEOUS  PROBABLE CAUSE( ROTORCRAFT - MISCELLANEOUS  PROBABLE CAUSE( ROTORCRAFT - MISCELLANEOUS	4/27/74 IMLAY CITY, MICH TIME - 1505  DEPARTURE POINT TROY, MICH TYPE OF ACCIDENT COLLIDED WITH OBJECT  PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO REMARKS- T/R BLADE SEPARATED  5/1/74 HART, MICH TIME - 1730  DEPARTURE POINT HART, MICH TYPE OF ACCIDENT AIRFRAME FAILURE IN FLIGHT  PROBABLE CAUSE(S) ROTORCRAFT - FLIGHT CONTROI MISCELLANEOUS ACTS, CONDITION EMARKS- AN174-34 BOLT AND AND  5/29/74 BELDING, MICH TIME - 1000  TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCT: HARD LANDING  PROBABLE CAUSE(S) ROTORCRAFT - TRANSMISSION FOR MISCELLANEOUS ACTS, CONDITION MISCELLANEOUS	4/27/74 IMLAY CITY,MICH HUGHES 269A-1 TIME - 1505  DEPARTURE POINT INTENDED DESTINATION TROY,MICH IMLAY CITY,MICH TYPE OF ACCIDENT COLLIDED WITH OBJECT  PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECT  REMARKS- T/R BLADE SEPARATED.T/R DRIVE SHAFT TWIST  5/1/74 HART,MICH BELL 47G TIME - 1730 N4734S DAMAGE-SUBSTANTIAL  DEPARTURE POINT INTENDED DESTINATION HART,MICH GREENVILLE,MICH TYPE OF ACCIDENT AIRFRAME FAILURE IN FLIGHT  PROBABLE CAUSE(S) ROTORCRAFT - FLIGHT CONTROL SYSTEMS CYCLIC PITC MISCELLANEOUS ACTS,CONDITIONS - MISSING REMARKS- AN174-34 BOLT AND AN310-4 NUT MISSING FRO  5/29/74 BELDING,MICH EL TOMCAT I TIME - 1000 N73872 DAMAGE-SUBSTANTIAL  TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING  PROBABLE CAUSE(S) ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM MARCH MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE  PROBABLE CAUSE(S) ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM MARCH MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE	4/27/74 IMLAY CITY, MICH HUGHES 269A-1 CRTIME - 1505  DAMAGE-SUBSTANTIAL  DEPARTURE POINT INTENDED DESTINATION TROY, MICH IMLAY CITY, MICH  TYPE OF ACCIDENT COLLIDED WITH OBJECT  PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR REMARKS- T/R BLADE SEPARATED. T/R DRIVE SHAFT TWISTED. OB.  5/1/74 HART, MICH BELL 47G CR- TIME - 1730 N4734S PX- DAMAGE-SUBSTANTIAL  DEPARTURE POINT INTENDED DESTINATION GREENVILLE, MICH TYPE OF ACCIDENT AIRFRAME FAILURE IN FLIGHT  PROBABLE CAUSE(S) ROTORCRAFT - FLIGHT CONTROL SYSTEMS CYCLIC PITCH CON MISCELLANEOUS ACTS, CONDITIONS - MISSING REMARKS- AN174-34 BOLT AND AN310-4 NUT MISSING FROM LAT  5/29/74 BELDING, MICH EL TOMCAT I CR- TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING  PROBABLE CAUSE(S) ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM MAIN RO MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE	4/27/74 IMLAY CITY, MICH HUGHES 269A-1 CR- 0 TIME - 1505 DAMAGE-SUBSTANTIAL  DEPARTURE POINT INTENDED DESTINATION TROY, MICH IMLAY CITY, MICH  TYPE OF ACCIDENT COLLIDED WITH OBJECT  PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OB REMARKS- T/R BLADE SEPARATED. T/R DRIVE SHAFT TWISTED. OBJEC  5/1/74 HART, MICH BELL 47G CR- 0 TIME - 1730 N4734S PX- 0  DAMAGE-SUBSTANTIAL  DEPARTURE POINT INTENDED DESTINATION HART, MICH GREENVILLE, MICH TYPE OF ACCIDENT AIRFRAME FAILURE IN FLIGHT  PROBABLE CAUSE(S) ROTORCRAFT - FLIGHT CONTROL SYSTEMS CYCLIC PITCH CONTRO MISCELLANEOUS ACTS, CONDITIONS - MISSING REMARKS- AN174-34 BOLT AND AN310-4 NUT MISSING FROM LAT C  5/29/74 BELDING, MICH EL TOMCAT I CR- 0 MISCELLANEOUS ACTS, CONDITIONS - MISSING REMARKS- AN174-34 BOLT AND AN310-4 NUT MISSING FROM LAT C  5/29/74 BELDING, MICH EL TOMCAT I CR- 0 DAMAGE-SUBSTANTIAL  TYPE OF ACCIDENT ENGINE SYSTEM BELDING FROM LAT C  FROGNE FAILURE OR MALFUNCTION HARD LANDING  PROBABLE CAUSE(S) ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM MAIN ROTOR MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE	4/27/74 IMLAY CITY, MICH HUGHES 269A-1 CR- 0 O TIME - 1505 DAMAGE-SUBSTANTIAL  DEPARTURE POINT INTENDED DESTINATION TROY, MICH TROY,	4/27/74 IMLAY CITY, MICH HUGHES 269A-1 CR- 0 0 1 TIME - 1505 N8902F DAMAGE-SUBSTANTIAL  DEPARTURE POINT INTENDED DESTINATION TROY, MICH IMLAY CITY, MICH TYPE OF ACCIDENT CREATED. T/R DRIVE SHAFT TWISTED. OBJECT STRUCT  FROM AND DAMAGE-SUBSTANTIAL  PHASE COLLIDED WITH OBJECT PARTICLE OF ACCIDENT COLLIDED WITH CHARRANS AND	### F S M/N PURPOSE  4/27/74 IMLAY CITY,MICH HUGHES 269A-1 CR- 0 0 1 NONCOMMERCIAL NONOCOMMERCIAL NONOCOMMERCIA		

FILE	DATE	LOCATION	AIRCRAFT DATA	I١	JUR F	S M			PILOT DATA			
3-1928	6/27/74 TIME - 22	DETROIT,MICH 57	BELL 47G-5A N59399 DAMAGE-DESTROYED	CR- PX-	2 0 0	0	0 0 2	MISCELLANEOUS POLICE PATROL	COMMERCIAL, AGE 25, 598 TOTAL HOURS, 378 IN TYPE 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											
	PILOT IN PERSONNI FACTOR(S) MISCELL	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 - TOMER  TRAFFIC ADVISORY ISSUED - NONE  CONTROLLED/UNCONTROLLED AIRPORT - CONTROLLED AIRPORT  CONTROL ZONE/AREA - YES  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 TIME - 23	DETROIT,MICH 00	BELL 47J-2A N8525F DAMAGE-DESTROYED	CR- PX-	0.	0	1	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 47, 8305 TOTAL HOURS, 50 IN TYPE, NOT INSTRUMENT RATED.			
	NAME OF AIRPORT - DETROIT CITY  DEPARTURE POINT INTENDED DESTINATION -  PERRYSBURG.OHIO DETROIT.WICH  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.											

FILE	DATE	LOCATION	AIRCRAFT DATA	IN.	JUR I	ES M/N	FLIGHT PURPOSE	PILOT DATA
3-2328	7/26/74 TIME - 085 DEPARTURE GRAND R TYPE OF AC	WALKER, MICH  POINT  APIDS, MICH CIDENT	ENSTROM F-28A N9229 DAMAGE-SUBSTANTIAL NTENDED DESTINATION LOCAL CONTROLLED	CR- PX-	0 0	0 1 0 1 4SE	COMMERCIAL MAPPING/PHOTO  OF OPERATION OFF INITIAL CLIMB	COMMERCIAL, AGE 27, 2227 TOTAL HOURS, 3 IN TYPE, NOT INSTRUMENT RATED.
	PROBABLE C PILOT IN PILOT IN PILOT IN PILOT IN PILOT IN FACTOR(S) TERRAIN TERRAIN EMERGENCY	AUSE(S)  COMMAND - MISJUDGEI  COMMAND - FAILED TO  COMMAND - FAILED TO  ROUGH/UNEVEN  HIGH OBSTRUCTIONS  CIRCUMSTANCES - FORC	D DISTANCE, SPEED, ALTI FAMILIARITY WITH AIRC D ABORT TAKEOFF D MAINTAIN ADEQUATE R	ITUDE (CRAFT) COTOR F	OR C	LEAR 1.		VER »
3-3074	DEPARTURE PAW PAW, TYPE OF AC	POINT IN MICH CIDENT	DAMAGE-SUBSTANTIAL NTENDED DESTINATION LOCAL		PH.	√S E	. NONCOMMERCIAL . PLEASURE/PERSONAL TRAI  OF OPERATION LIGHT POWER-ON DESCENT	NOT INSTRUMENT RATED.
	PROBABLE C PILOT IN PILOT IN FACTOR(S) TERRAIN	AUSE(S) COMMAND - DIVERTED COMMAND - MISJUDGE( - GLASSY WATER	ATTENTION FROM OPERA	NOITA	)F A	IRCR	AFT	
3-3989	NAME OF AI DEPARTURE GROSSE I TYPE OF AC	RPORT - GROSSE ILE POINT IN LE&MICH CIDENT AILURE OR MALFUNCTIO	DAMAGE-SUBSTANTIAL WITENDED DESTINATION LOCAL		РН	ASE LAND	NONCOMMERCIAL PLEASURE/PERSONAL TRA  OF OPERATION DING TRAFFIC PATTERN-CI ING LEVEL OFF/TOUCHDOW	
	PROBABLE C POWERPLA FACTOR(S) MISCELLA MISCELLA COMPLETE P EMERGENCY	AUSE(S)  NT - ENGINE STRUCTUR  NEOUS ACTS, CONDITION  NEOUS ACTS, CONDITION  OWER LOSS - COMPLETE  CIRCUMSTANCES - FOR	RE CRANKSHAFT  NS - MATERIAL FAILURE  NS - AIRCRAFT CAME TO  E ENGINE FAILURE/FLAM  DED LAMDING OFF AIRPO  HAFT BROKE IN FRONT O	REST MEDUT— ORT ON	L EN	GINE Er		

FILE	DATE LOC	ATION	AIRCRAFT DATA		_		1 0111 002	PILOT DATA		
3-3886	12/25/74 OTISVIL TIME - 1545	LE,MICH	MCCULLOCH J2 N4384 DAMAGE-SUBSTANTIAL	CR- 0 PX- 0	0	1 0	NONCOMMERCIAL PRACTICE	COMMERCIAL, FL.INSTR., AGE 24, 2725 TOTAL HOURS, 36 IN TYPE, NOT INSTRUMENT RATED.		
	NAME OF AIRPORT - DEPARTURE POINT OTISVILLE, MICH		INTENDED DESTINATION LOCAL							
	TYPE OF ACCIDENT GROUND-WATER LOO COLLIDED WITH D			AK EO	F OPERATION FF RUN FF RUN					
	PILOT IN COMMAND PILOT IN COMMAND FACTOR(S) PILOT IN COMMAND AIRPORTS/AIRWAYS	- IMPROPE - FAILED - LACK OF FACILITIE	TO MAINTAIN ADEQUATE R R OPERATION OF FLIGHT TO MAINTAIN DIRECTIONA FAMILIARITY WITH AIRC S — AIRPORT CONDITIONS CED TO ABORT TKOF ACFT	CONTROL L CONTR RAFT SNOW	S OL ON	RUNW	ΔΥ			
3-3400	8/5/74 MERIDAN	J • M T NN	BELL 47G-2	CR- C	. 0	1	COMMERCIAL	COMMERCIAL, AGE 22, 334		
	TIME - 1850		BELL 47G-2 N2870B DAMAGE-SUBSTANTIAL	PX- 0	Õ	ō	ASSOC CROP CTL ACTIVITY	Y 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									
			TERIAL AFFECTING NORMA		TIO	NS				
	TOTAL HOURS IN C KIND OF CROP - C PILOT'S SEAT BEL TANK/HOPPER-LOCA	CROP CONTRO CORN T - UNKNOW ATION - FOR	L - 334 N/NOT REPORTED WARD OF PILOT ED-FEET - 1148		TYP CRA TER	E OF SH B RAIN	OPERATION - FERTILIZING CHEMICAL USED - UNKNOWN AR - NOT INSTALLED - TYPE - LEVEL, FLAT UN-HOW FLOWN - WIND CALN	N/NOT REPORTED		
							ZER.WOULD NOT OPERATE.	. 1		

FILE	DATE LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4344					COMMERCIAL, AGE 32, 3710 TOTAL HOURS, 2410 IN TYPE, NOT INSTRUMENT RATEO.
	MINNEAPOLIS,MN TYPE OF ACCIDENT	INTENDED DESTINATION FARGO,ND RE TAIL ROTOR /WATER UNCONTROLLED	MONT PHASE O	EVIDEO, MN F OPERATION	
	MISCELLANEOUS ACTS, CO	SEMBLIES TAIL ROTOR BLADE NDITIONS — MATERIAL FAILUR CE,SERVICING,INSPECTION I	Ē	ENANCE AND INSPECTIO	N
	PERSONNEL - MAINTENAN MISCELLANEOUS ACTS, CO	CE,SERVICING,INSPECTION I NDITIONS - SEPARATION IN F TION OF TAIL ROTOR BLADE T	LIGHT		
3-1564	6/4/74 WALLS,MISS TIME - 1350	HUGHES 269A N8885F Ó AMAGE-SUBSTANTIAL	PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 26, 3110 TOTAL HOURS, 274 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - TWINK DEPARTURE POINT MEMPHIS, TENN TYPE OF ACCIDENT NOSE OVER/DOWN	INTENDED DESTINATION	PHASE O LANDI	F OPERATION NG POWER-OFF AUTORO	
	PILOT IN COMMAND - MI	PROPER OPERATION OF FLIGHT SJUDGED SPEED AND ALTITUDE LLECTIVE PRIOR TO FULL STO		G.COPTER TILTED FWD,	BLADE CUT TAIL.
3-2213	7/10/74 EDWARDS,MISS TIME - 1909	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 TYPE OF ACCIDENT AIRFRAME FAILURE IN	INTENDED DESTINATION VICKSBURG, MISS		F OPERATION IGHT NORMAL CRUISE	RATED.
		SION ROTOR DRIVE SYSTEM T INDITIONS - MATERIAL FAILUR OX SHAFT PN 476452051.		вох	

DATE	LOCATION	AIRCRAFT DATA	I N JUR F	IES S M/N	FLIGHT N PURPOSE	PILOT DATA
7/11/74	RALEIGH, MISS	BELL 47G-2 N4823	CR- 0 PX- 0	0 1	L MISCELLANEOUS	COMMERCIAL, AGE 38, 6800
TYPE OF AC	CIDENT					
MISCELLA	NEOUS - UNDETERMI		SY NOT RE	COVER	RED	
DEPARTURE TARKIO, M TYPE OF AC	POINT O CIDENT					
PILOT IN PILOT IN PILOT IN FACTOR(S) WEATHER WEATHER BR	COMMAND - IMPROP COMMAND - FAILED COMMAND - LACK O - UNFAVORABLE WIN IEFING - UNKNOWN/					
SCATTERE VISIBILITY 5 OR OVE OBSTRUCTIO NONE	D AT ACCIDENT SITE R NS TO VISION AT A					
	7/11/74 TIME - 050  DEPARTURE RALEIGH, TYPE OF AC AIRFRAME  PROBABLE C MISCELLA REMARKS- P  4/25/74 TIME - 110  NAME OF AI DEPARTURE TARKIO, M TYPE OF AC COLLIDED  PROBABLE C PILOT IN PILOT IN PILOT IN PILOT IN FACTOR(S) WEATHER WEATHER BR WEATHER BR WEATHER FO  SKY CONDIT SCATTERE VISIBILITY 5 OR OVE OBSTRUCTIO NONE	7/11/74 RALEIGH, MISS TIME — 0500  DEPARTURE POINT RALEIGH, MISS TYPE OF ACCIDENT AIRFRAME FAILURE IN FLIG  PROBABLE CAUSE(S) MISCELLANEOUS — UNDETERMINEMARKS— PLT RPRTD LOSS OF  4/25/74 TARKIO, MO TIME — 1100  NAME OF AIRPORT — PRIVATE FOR TARKIO, MO TYPE OF ACCIDENT COLLIDED WITH BUILDING(S) PROBABLE CAUSE(S) PILOT IN COMMAND — IMPROPEDINT IN COMMAND — FAILED PILOT IN COMMAND — LACK OF FACTOR(S) WEATHER — UNFAVORABLE WIN WEATHER BRIEFING — UNKNOWN/ WEATHER FORECAST — UNKNOWN/ SKY CONDITION SCATTERED VISIBILITY AT ACCIDENT SITE 5 OR OVER OBSTRUCTIONS TO VISION AT A	T/11/74 RALEIGH,MISS BELL 47G-2 TIME - 0500 N4823 DAMAGE-SUBSTANTIAL  DEPARTURE POINT INTENDED DESTINATION RALEIGH,MISS LOCAL  TYPE OF ACCIDENT AIRFRAME FAILURE IN FLIGHT  PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED REMARKS- PLT RPRTD LOSS OF AFT CTLS.TAIL ROTOR AS  4/25/74 TARKIO,MO BRANTLEY B-2 TIME - 1100 N5932X DAMAGE-DESTROYED  NAME OF AIRPORT - PRIVATE FIELD DEPARTURE POINT INTENDED DESTINATION TARKIO,MO LOCAL  TYPE OF ACCIDENT COLLIDED WITH BUILDING(S)  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIR FACTOR(S) WEATHER - UNFAVORABLE WIND CONDITIONS WEATHER BRIEFING - UNKNOWN/NOT REPORTED WEATHER FORECAST - UNKNOWN/NOT REPORTED  SKY CONDITION SCATTERED VISIBILITY AT ACCIDENT SITE 5 OR OVER OBSTRUCTIONS TO VISION AT ACCIDENT SITE	7/11/74 RALEIGH,MISS BELL 47G-2 CR- 0 TIME - 0500 N4823 PX- 0 DAMAGE-SUBSTANTIAL  DEPARTURE POINT INTENDED DESTINATION RALEIGH,MISS LOCAL  TYPE OF ACCIDENT AIRFRAME FAILURE IN FLIGHT  PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED REMARKS- PLT RPRTD LOSS OF AFT CTLS.TAIL ROTOR ASSY NOT RE  4/25/74 TARKIO,MO BRANTLEY B-2 CR- 0 TIME - 1100 N5932X PX- 0 DAMAGE-DESTROYED  NAME OF AIRPORT - PRIVATE FIELD  DEPARTURE POINT INTENDED DESTINATION TARKIO,MO LOCAL  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.F PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT FACTOR(S) WEATHER - UNFAVORABLE WIND CONDITIONS WEATHER BRIEFING - UNKNOWN/NOT REPORTED  SKY CONDITION SCATTERED VISIBILITY AT ACCIDENT SITE 5 OR OVER OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE WIND DIRECTION-DEGREES	7/11/74 RALEIGH,MISS  TIME - 0500  N4823  DAMAGE-SUBSTANTIAL  DEPARTURE POINT  RALEIGH,MISS  TYPE OF ACCIDENT  AIRFRAME FAILURE IN FLIGHT  PROBABLE CAUSE(S)  MISCELLANEOUS - UNDETERMINED  REMARKS- PLT RPRTD LOSS OF AFT CTLS.TAIL ROTOR ASSY NOT RECOVER  4/25/74 TARKIO,MO  BRANTLEY B-2  CR- 0 0 1  TIME - 1100  N5932X  DAMAGE-DESTROYED  NAME OF AIRPORT - PRIVATE FIELD  DEPARTURE POINT  TARKIO,MO  TYPE OF ACCIDENT  COLLIDED WITH BUILDING(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  VISIBILITY AT ACCIDENT SITE  PRECING  SOR OVER  OBSTRUCTIONS TO VISION AT ACCIDENT SITE  TAI	TIME - 0500  N4823  DAMAGE-SUBSTANTIAL  DEPARTURE POINT RALEIGH, MISS TYPE OF ACCIDENT AIRFRAME FAILURE IN FLIGHT  ROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED REMARKS- PLT RPRTD LOSS OF AFT CTLS.TAIL ROTOR ASSY NOT RECOVERED  4/25/74 TARKIO, MO BRANTLEY B-2 N5932X PX-  0 0 0 NONCOMMERCIAL TIME - 1100 N5932X PX- 0 0 0 NONCOMMERCIAL TIME - 1100 N5932X PX- 0 0 0 NONCOMMERCIAL TIME - 1100 N5932X PX- 0 0 0 NONCOMMERCIAL TIME - 1100 N5932X PX- 0 0 0 PLEASURE/PERSONAL TRAN DAMAGE-DESTROYED  NAME OF AIRPORT - PRIVATE FIELD 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 BRIEFING - UNKNOWN/NOT REPORTED WEATHER BRIEFING - UNKNOWN/NOT REPORTED  SKY CONDITION SCATTERED VISIBILITY AT ACCIDENT SITE SOR OVER  OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE WIND DIRECTION-DEGREES  WIND DIRECTION-DEGREES  NONE WIND DIRECTION-DEGREES  NONE WIND DIRECTION-DEGREES  PHASE OF OPERATION IN FLIGHT NORMAL CRUISE  O

				OF ACC						
FILE	DATE L	OCATION	AIRCRAFT DATA	INJU F	JRIES S M/I	FLI V PUR	SHT POSE	PILOT DATA		
3-0363	2/24/74 CONRA TIME - 1530	D,MONT	BELL 47G3B1 N7936S DAMAGE-SUBSTANTIAL	CR- C	0 0	L MISCELI 1 TEST	_ANEOUS	COMMERCIAL, AGE 39, 10170 TOTAL HOURS, 2045 I TYPE, NOT INSTRUMENT RATED.		
	NAME OF AIRPORT DEPARTURE POINT CONRAD.MONT	IN	TENDED DESTINATION							
	TYPE OF ACCIDENT ENGINE FAILURE HARD LANDING	OR MALFUNCTIO	N LOCAL	PHASE IN F LAN	OF OPERA LIGHT AU DING POW	TION JTOROTATIVE D ER-OFF AUTORO	ESCENT TATIVE 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 NR•LIMA TIME - 0700	, MONT	BELL 47G3B1 N7928S DAMAGE-SUBSTANTIAL	CR- C	0 0 0	COMMER( AERIAL	CIAL APPLICATION	COMMERCIAL, AGE 22, 1725 TOTAL HOURS, 350 IN TYPE, INSTRUMENT RATED.		
	I TMA . MONT	IV	TENDED DESTINATION					INSTRUMENT RATED.		
	TYPE OF ACCIDENT COLLISION WITH	GROUND/WATER	CONTROLLED		PHASE IN F	OF OPERA	TION TARTING SWATH	RUN		
	PROBABLE CAUSE(S) PILOT IN COMMAND — IMPROPER IN-FLIGHT DECISIONS OR PLANNING MISCELLANEOUS — VORTEX TURBULENCE									
	SPECIAL DATA TOTAL HOURS IN KIND OF CROP — PILOT'S SEAT B GOGGLES — NOT COCKPIT CRASHP TANK/HOPPER-LO		GLOVE: CRASH	HELMET -		OTO CHENTONE NONTOXIC				

FILE	DATE	LOCATION	AIRCRAFT DATA					FLIGHT PURPOSE	PILOT DATA			
3-3802	TIME - 10 DEPARTURE	POINT INGLACTION INCCIDENT	N711KH DAMAGE-SUBSTANTIAL NTENDED DESTINATION		0 0 PHA	l SE O	AIR IF OP	MERCIAL R TAXI-CARGO PERATION POWER-ON LANDING	TOTAL HOURS, 36 IN TYPE, NOT INSTRUMENT RATED.			
	PROBABLE WEATHER FACTOR(S) PILOT I TERRAIN WEATHER B WEATHER F											
	CLEAR VISIBILIT 5 OR OV OBSTRUCTI NONE	/ISIBILITY AT ACCIDENT SITE 5 OR OVER DBSTRUCTIONS TO VISION AT ACCIDENT SITE			PRE N TEM 4	NLIM CIPI ONE PERA 5	TATI	ON AT ACCIDENT SITE				
	VFR	VEATHER CONDITIONS	ID INTO ROCKS.DMGD M/	'R BLA	N	-	FL]	[GHT PLAN				

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			BRIEFS	S OF AC	CIDEN	ITS			
FILE	DATE	LOCATION	AIRCRAFT DATA	F	S	4/N	PURPOSE	PILOT DATA	
3-0086	1/25/74 N TIME - 132	R.WELLS,NEV O		CR-	0 0	1	NONCOMMERCIAL BUSINESS		
	DEPARTURE	POINT	INTENDED DESTINATION					PIENT KATED.	
	WELLS, NE		LOCAL						
	TYPE OF AC						OF OPERATION		
	COLLIDED	WITH TREES			L	NDI	NG GO-AROUND		
	WEATHER - DOWNDRAFT, UPDRAFTS TERRAIN - HIGH OBSTRUCTIONS WEATHER BRIEFING - UNKNOWN/NOT REPORTED WEATHER FORECAST - UNKNOWN/NOT REPORTED								
	SKY CONDIT				AT ACCIDENT SITE				
		AT ACCIDENT SIT	E		-		TATION AT ACCIDENT SIT	E	
	5 OR OVE					DNE			
	OBSTRUCTIO	NS TO VISION AT	ACCIDENT SITE		TEM	PERA	TURE-F		
	NONE	_			20				
	WIND DIREC				LOCITY-KNOTS				
	225	ATHER CONDITIONS			1!		ELICHT DIAN		
	VFR	ATHER CONDITIONS		TYPE OF FLIGHT PLAN NONE					
		LT ATTMPT LNDG O	N MTN SADDLE, ENCOUNTERE	SVR C			IST TO 25K.		

			BRIEF	S UF AC	LIDER	115				
FILE	DATE LOC	CATION	AIRCRAFT DATA	INJI F	JRIES S M	/N	FLIGHT PURPOSE	PILOT DATA		
3-0469	3/23/74 NR.BORDEF TIME - 0642	RTOWN, NEV	BELL 47G-3B N1136W DAMAGE-SUBSTANTIAL	CR- (	0 0	1 0	COMMERCIAL ASSOC CROP CTL ACTI	COMMERCIAL, AGE 27, 4500 VITY TOTAL HOURS, 1600 IN TYPE, NOT INSTRUMENT RATED.		
	DEPARTURE POINT BORDERTOWN, NEV TYPE OF ACCIDENT ENGINE FAILURE ( HARD LANDING		INTENDED DESTINATION LOCAL ION		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									
	KIND OF CDOD - C	DTHER _T - FASTENE ROLLING		TED KIND OF OPERATION - SEEDING CROPS TYPE OF CHEMICAL USED - DRY CHEMICAL-NONTOXIC TANK/HOPPER-LOCATION - AFT OF PILOT ELEVATION-AREA BEING TREATED-FEET - 5822						
3-0967	4/24/74 NR.EAST DEPARTURE POINT EAST DAYTON, NEV TYPE OF ACCIDENT ROLL OVER	_	ALOUETTE III N8259 DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL		PHAS	i E (	COMMERCIAL MAPPING/PHOTO  F OPERATION FF OTHER	COMMERCIAL, AGE 39, 7150 TOTAL HOURS, 160 IN TYPE NOT INSTRUMENT RATED.		
	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.									

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FILE	DATE	LOCATION	AIRCRAFT DATA	INJU	RIE	5	DUDDOCE	PILOT DATA		
	5/13/74 TIME - 16 DEPARTURE LAS VEG TYPE OF A	LAS VEGAS, NEV 41  POINT AS, NEV CCIDENT FAILURE OR MALFUNC	HUGHES 269C N9631F DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	CR- 0 PX- 0	0 0 PHA:	2 0 SE 0 N FI	MISCELLANEOUS	CUMMERCIAL, AGE 27, 454 TOTAL HOURS, 271 IN TYPE, NOT INSTRUMENT RATED.		
	MISCELL MISCELL COMPLETE EMERGENCY	ANT - ENGINE STRUC ANEOUS ACTS,CONDIT ANEOUS - EVASIVE M POWER LOSS - COMPL CIRCUMSTANCES - F	TURE VALVE ASSEMBLIES IONS - MATERIAL FAILURI ANEUVER TO AVOID COLLI ETE ENGINE FAILURE/FLAI ORCED LANDING OFF AIRPI AILED.PLT FLARED PREMA	E SION MEOUT-1 ORT ON L	AND		CHILDREN ON BALL FLD.			
3-3804	DEPARTURE LAS VEG. TYPE OF A	DO POINT AS,NEV	N9542F DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	PX- 0	0 РНА:	2 SE (		COMMERCIAL, AGE 26, 3060 TOTAL HOURS, 920 IN TYPE, NOT INSTRUMENT RATED.		
	AIRFRAM MISCELL PERSONN FACTOR(S) MISCELL EMERGENCY	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.								

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M	/ N	FLIGHT PURPOSE	PILOT DATA			
							ATR,FLIGHT INSTR., AGE 29, 2212 TOTAL HOURS, 2057 IN TYPE, NOT INSTRU- MENT RATED.			
	RENO, NE TYPE OF A	EV ACCIDENT	INTENDED DESTINATION UNKNOWN/NOT REPORTED ER UNCONTROLLED		E OF	F OPERATION GHT OTHER	110.11 (12.12.12.12.12.12.12.12.12.12.12.12.12.1			
	PILOT I WEATHER WEATHER FACTOR(S) WEATHER TERRAIN MISCELL WEATHER E	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 CONDI CLEAR VISIBILII 5 OR OV OBSTRUCTI	CEILING AT ACCIDENT SITE UNLIMITED PRECIPITATION AT ACCIDENT SITE NONE TEMPERATURE-F 55								
	270 TYPE OF W	ECTION-DEGREES VEATHER CONDITIONS		WIND VELOCITY-KNOTS 25 TYPE OF FLIGHT PLAN NONE						
	VFR REMARKS- SLING LOAD OPERATION WITH HIGH DOWNSLOPE WIND COND.DA ABT 10500FT.VERT TKOF, TURNED R FOR EAST DEP.									
3-3201			DAMAGE-DESTROYED	CR- 1 0 PX- 0 0	0	NONCOMMERCIAL PRACTICE	COMMERCIAL, AGE 29, 4040 TOTAL HOURS, 5 IN TYPE, INSTRUMENT RATED.			
	NAME OF A DEPARTURE RENO, NE TYPE OF A			F OPERATION IGHT LOW PASS						
	PROBABLE PILOT PILOT MISCELI FACTOR(S)	IN COMMAND — IMPROF IN COMMAND — IMPROP LANEOUS ACTS,CONDIT								

FILE	DATE	LOCATION	AIRCRAFT DATA			IES S M,			PILOT DATA			
3-1155	DEPARTURE P HEWITT,NJ	PORT - NAIROBI OINT IN	BELL 206B N4FL DAMAGE-SUBSTANTIAL ITENDED DESTINATION LOCAL		0	0	0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 55, 4920 TOTAL HOURS, 28 IN TYPE, INSTRUMENT RATED.			
	TYPE OF ACC ROLL OVER				PI			F OPERATION AERIAL TAXI, OTHER				
	PILOT IN FACTOR(S) AIRPORTS/	PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS										
3-2223	TIME - 1030		N7886S DAMAGE-SUBSTANTIAL	PX-				COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 37, 1545 TOTAL HOURS, 110 IN TYPE, NOT INSTRUMENT RATED.			
	IMLAYSTOW TYPE OF ACC COLLISION	IDENT	LOCAL UNCONTROLLED					F OPERATION IGHT SWATH RUN				
		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					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						

FILE	DATE LOCATION	AIRCRAFT DATA	INJURIES FLIGHT F S M/N PURPOSE	PILOT DATA					
3-1725	6/22/74 TETERBORO,NJ TIME - 1320 NAME OF AIRPORT - TETER DEPARTURE POINT TETERBORO,NJ TYPE OF ACCIDENT	ENSTROM F-28A N9591 DAMAGE-SUBSTANTIAL BORO INTENDED DESTINATION LOCAL	CR- 0 0 1 INSTRUCTIONAL PX- 0 0 0 SOLO	STUDENT, AGE 50, 55 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.					
	FACTOR(S)	PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.							
	SKY CONDITION CLEAR VISIBILITY AT ACCIDENT 5 OR OVER OBSTRUCTIONS TO VISION NONE TYPE OF FLIGHT PLAN NONE REMARKS— ENCNTRD QUARTE								
3-2486		DAMAGE-SUBSTANTIAL	CR- 0 0 1 MISCELLANEOUS PX- 0 0 0 DEMONSTRATION	COMMERCIAL, FL.INSTR., AGE 31, 600 TOTAL HOURS, 89 IN TYPE, NOT INSTRUMENT RATED.					
		INTENDED DESTINATION LOCAL	PHASE OF OPERATION TAKEOFF ABORTED						
	PROBABLE CAUSE(S) PILOT IN COMMAND - IN PILOT IN COMMAND - MI PILOT IN COMMAND - FA FACTOR(S) AIRPORTS/AIRWAYS/FACI TERRAIN - HIGH OBSTRU REMARKS- ATMTD MAX PERF								

	DATE LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA					
3-2224	7/16/74 TRENTON,NJ TIME - 1045	HELICORP D N8219 DAMAGE-SUBSTANTIAL			PRIVATE, AGE 38, 323 TOTAL HOURS, O IN TYPE, NOT INSTRUMENT RATED.					
	TYPE OF ACCIDENT	R CO INTENDED DESTINATION LOCAL /WATER UNCONTROLLED	PHASE OF Takeof							
	PILOT IN COMMAND - FA PILOT IN COMMAND - LA AIRERAME - ELIGHT CON									
3-2652	9/10/74 MOONACHIE,NJ TIME - 0930	BELL 206B N59563 DAMAGE-SUBSTANTIAL		NONCOMMERCIAL CORP/EXEC	AIRLINE TRANSPORT, AGE 26, 4705 TOTAL HOURS, 1600 IN TYPE, INSTRUMENT RATED.					
	NAME OF AIRPORT - MOON TYPE OF ACCIDENT ENGINE FAILURE OR MAL COLLIDED WITH BUILDI	FUNCTION		OPERATION G FINAL APPROACH IG POWER-OFF AUTOR						
	PILOT IN COMMAND - MI FACTOR(S) TERRAIN - HIGH OBSTRU	CTIONS - FORCED LANDING ON AIRPO								
3-2700	9/24/74 COLONIA,NJ TIME - 2215  DEPARTURE POINT PHILADELPHIA,PA TYPE OF ACCIDENT ENGINE FAILURE OR MAL COLLIDED WITH WIRES/			COMMERCIAL AIR TAXI-PASSG S-D OUTE STOP BORO,NJ OPERATION GHT NORMAL CPUISE G POWER-OFF AUTOR	COMMERCIAL, AGE 27, 1712 TOTAL HOURS, 252 IN TYPE, INSTRUMENT RATED.  OTATIVE LANDING					
	PILOT IN COMMAND - MI MISCELLANEOUS ACTS,CO TERRAIN - HIGH OBSTRU COMPLETE POWER LOSS - C EMERGENCY CIRCUMSTANCES	NDITIONS - FUEL EXHAUSTION	I MEOUT-1 ENGINE ORT ON LAND	IN ING						

FILE	DATE LOCATIO	DN AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA					
3-3106	10/29/74 BRIDGEPORT TIME - 1445	NJ HILLER ACFT FH1100	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	INTENDED DESTINATION NEWARK,NJ			NOT INSTRUMENT RATED.					
	TYPE OF ACCIDENT PROPELLER/ROTOR FAIL HARD LANDING		PHASE OF IN FLI	OPERATION GHT NORMAL CRUISE IG POWER-OFF AUTORO						
	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									
	REMARKS- TAIL ROTOR G	SUSPECTED MECHANICAL DIS R BOX ASSY P/N 24-25000-15 PI		RING RETAINER BOLT	LOOSE.ASSY ROTATED.					
3-0944	4/30/74 NR•FARMINGTON TIME - 1145	N∍N MEX BELL 47G3B2 N58131 DAMAGE-SUBSTANTIAL	PX- 0 0 2	COMMERCIAL CONSTRUCTION	AIRLINE TRANSPORT, AGE 26, 3685 TOTAL HOURS, 1500 IN TYPE, INSTRUMEN RATED.					
	DEPARTURE POINT FARMINGTON∙N MEX TYPE OF ACCIDENT HARD LANDING	INTENDED DESTINATION FOUR CORNERS,N MEX	PHASE OF	OPERATION GOTHER	,,,,,,					
	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 - ( WEATHER - HIGH DENS WEATHER BRIEFING - UN		ATION OF AIRCRAF	т						
	SKY CONDITION SCATTERED			CEILING AT ACCIDENT SITE UNLIMITED						
	VISIBILITY AT ACCIDENT 5 OR OVER		PRECIPITATION AT ACCIDENT SITE NONE							
	NONE TYPE OF FLIGHT PLAN	N AT ACCIDENT SITE	TYPE OF VFR	WEATHER CONDITIONS						
	NONE REMARKS- HOVERING OUT	OF GROUND EFFECT.LOST ROTOR	RPM. DENSITY AL	T ABT 6000 FT.						

		AIRCRAFT DATA		ES	FLIGHT	PILOT DATA	
	5/11/74 NR.CERRILLOS,N TIME - UNK/NR DEPARTURE POINT CERRILLOS,N MEX TYPE OF ACCIDENT	MEX BENSEN B-8M N24836 DAMAGE-DESTROYED INTENDED DESTINATION LOCAL WATER UNCONTROLLED	CR- 1 PX- 0	0 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSI F OPERATION	STUDENT, AGE 29, 53 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.	
3–2277	DEPARTURE POINT  HANNAGAN MDWS ARIZ  TYPE OF ACCIDENT  ENGINE FAILURE OR MALF  COLLIDED WITH TREES  PROBABLE CAUSE(S)		Pŀ	HASE O LANDI LANDI	COMMERCIAL ASSOC FIRE CTL ACTIVITY  F OPERATION NG FINAL APPROACH NG POWER-OFF AUTOROTATI	COMMERCIAL, AGE 27, 3260 TOTAL HOURS, 362 IN TYPE, NOT INSTRUMENT RATED.	
		NTANEOUS-IMPROPER ACTION WIND CONDITIONS ALTITUDE TIONS IEFING RECEIVED	NO CONDITI	.0143			
	SKY CONDITION SCATTERED VISIBILITY AT ACCIDENT S 5 OR OVER OBSTRUCTIONS TO VISION A NONE TYPE OF WEATHER CONDITIO	AT ACCIDENT SITE	CEILING AT ACCIDENT SITE  UNLIMITED PRECIPITATION AT ACCIDENT SITE  NONE TEMPERATURE—F 70 TYPE OF FLIGHT PLAN NONE				

FILE		AIRCRAFT DATA			PILOT DATA
3-2640	7/29/74 MESQUITE,N ME TIME - 1830	X BELL 47G3B2 N473OR DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS TEST	COMMERCIAL, AGE 25, 2449 TOTAL HOURS, O IN TYPE, NOT INSTRUMENT RATED.
	MESQUITE:N MEX TYPE OF ACCIDENT ENGINE FAILURE OR MALF HARD LANDING	LOCAL	TAK EC	F OPERATION FF VERTICAL NG POWER-OFF AUTORO	
	PILOT IN COMMAND - LAC PILOT IN COMMAND - IMP PILOT IN COMMAND - FAI PARTIAL POWER LOSS - PAR	LED TO MAINTAIN ADEQUATE R TIAL LOSS OF POWER - 1 ENG - FORCED LANDING OFF AIRPO	ROTOR R.P.M. GINE	D REASONS	
3-3329	8/20/74 NR.RED HILL,N M TIME - 0930 DEPARTURE POINT	BELL 212 N83033 DAMAGE-SUBSTANTIAL INTENDED DESTINATION RED HILL,N MEX	CR- 0 0 1 PX- 0 0 7	COMMERCIAL CONSTRUCTION	COMMERCIAL, AGE 28, 4267 TOTAL HOURS, 440 IN TYPE NOT INSTRUMENT RATED.
	SPRINGERVILLE, ARIZ TYPE OF ACCIDENT PROPELLER/ROTOR FAILUR HARD LANDING		LANDI	F OPERATION NG POWER-ON LANDING NG LEVEL OFF/TOUCHD	
	MISCELLANEOUS ACTS,CON MISCELLANEOUS ACTS,CON PERSONNEL - MAINTENANC TERRAIN - ROUGH/UNEVEN TERRAIN - HIGH OBSTRUC	TIONS - FORCED LANDING OFF AIRPO	ALLED NADEQUATE MAINT		N
3-3668	12/17/74 ALBUQUERQUE,N	MEX BELL 47G3B2 N473OR DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	MISCELLANEOUS FERRY	COMMERCIAL, AGE 29, 3950 TOTAL HOURS, 1500 IN TYPE, NOT INSTRUMENT
	ALBUQUERQUE,N MEX TYPE OF ACCIDENT	INTENDED DESTINATION	PHASE C TAKEO	F OPERATION FF VERTICAL	RATED.
		DEQUATE PREFLIGHT PREPARAT OT REMOVED FROM SKID BFOR			

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES	FLIGHT	PILOT DATA
3-0515	3/24/74 TIME - 130	STORMVILLE,NY DO	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 ADEPARTURE STORMVIII TYPE OF AC	IRPORT - STORMVILLE POINT LLE∙NY CCIDENT FAILURE OR MALFUNCT	INTENDED DESTINATION LOCAL	PHASE C IN FL	F OPERATION .IGHT OTHER NG POWER-OFF AUTORO	
	PILOT IN FACTOR(S) MISCELLA COMPLETE A EMERGENCY	ANT - IGNITION SYST N COMMAND - MISJUDGE ANEOUS ACTS, CONDITIE POWER LOSS - COMPLE CIRCUMSTANCES - FOR	EM COILS ED SPEED AND ALTITUDE  DNS - OVERLOAD FAILURI TE ENGINE FAILURE/FLAI RCED LANDING ON AIRPOR DIL. DMGD ROTOR SYSTM	MEOUT-1 ENGINE RT/SEAPLANE BAS		
3-0637	3/29/74 TIME - 131	NEW ROCHELLE,NY 15	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.
	OXFORD:	,CONN CCIDENT FAILURE OR MALFUNCT:	INTENDED DESTINATION NEW YORK,NY ION	IN FL	F OPERATION IGHT OTHER NG POWER-OFF AUTORO	
	POWERPLA PILOT IN FACTOR(S) WEATHER COMPLETE IN WEATHER BE	N COMMAND - FAILED ' ANT - MISCELLANEOUS N COMMAND - FAILED ' - SNOW POWER LOSS - COMPLE	TO MAINTAIN ADEQUATE F TE ENGINE FAILURE/FLAI RECEIVED-METHOD UNKNOV	ROTOR R.P.M.	TIVES,ETC.	
	EMERGENCY	CIRCUMSTANCES - FOR	RCED LANDING OFF AIRPO			
	1/4 MILI OBSTRUCTIO UNKNOWN,		CIDENT SITE	1000 PRECIPI SNOW TEMPERA 20	AT ACCIDENT SITE  TATION AT ACCIDENT SITURE-F  LOCITY-KNOTS	ITE
	45 TYPE OF WE VFR	EATHER CONDITIONS	OR BLOWING SNOW WHEN Y	5 TYPE OF NONE	FLIGHT PLAN	NOW.NOT EOPD RE-IGNITER

FILE	DATE LOCATION	N AIRCRAFT DATA	INJ	UR I	<b>I</b> ES		FLIGHT	PILOT DATA	
	6/2/74 MONTGOMERY,	NSSG DAMAGE-SUBSTANTIAL INTENDED DESTINATION SPRING VALLEY,NY	CR- PX-	0 0 PH	O O HASE IN	1 1 01 FL1	NONCOMMERCIAL	PRIVATE, AGE 33, 620 TOTAL HOURS, 240 IN TYPE, NOT INSTRUMENT RATED.	
	PILOT IN COMMAND - MI COMPLETE POWER LOSS - ( EMERGENCY CIRCUMSTANCES	SMANAGEMENT OF FUEL DNDITIONS - FUEL EXHAUSTION SJUDGED SPEED AND ALTITUDE COMPLETE ENGINE FAILURE/FLAI S - FORCED LANDING OFF AIRPO	MEOUT-1 DRT ON	_		E			
3-2109	6/8/74 PALERMO,NY TIME - 1630	BELL 47D1 N21OB DAMAGE-SUBSTANTIAL		0 0	0	2 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					F OPERATION FF 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								
	KIND OF CROP - UNKNO PILOT'S SEAT BELT - V CRASH HELMET - AVAIA TERRAIN-TYPE - LEVEL		TY GC TA	YPE DGGL ANK/	OF ES HOI	OPERATION - SPRAYING CRO CHEMICAL USED - UNKNOWN - NOT USED PPER-LOCATION - FORWARD (	/NOT REPORTED DF PILOT		

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FILE		LOCATION	AIRCRAFT DATA	F		S M	/N	FLIGHT PURPOSE	PILOT DATA
	6/11/74	GARDEN CITY,NY 5	BELL 47G-2 N6173 DAMAGE-SUBSTANTIAL	CR- (	0	0	2 0	INSTRUCTIONAL TRAINING	COMMERCIAL, FL.INSTR., AGE 24, 1650 TOTAL HOURS, 55 IN TYPE, NOT INSTRUMEN RATED.
	DEPARTURE GARDEN TYPE OF AC	CITYONY	INTENDED DESTINATION LOCAL		PH			F OPERATION FF VERTICAL	NATED.
	PILOT IN FACTOR(S) TERRAIN	- MISJUDGED CLEARA	DATE SUPERVISION OF FL	IGHT					
3-1403	6/21/74 TIME - 151		BELL 206A N4797R DAMAGE-SUBSTANTIAL	CR- (	0	0	1 3	MISCELLANEOUS OTHER PUBLIC	ATR,FLIGHT INSTR., AGE 43, 4680 TOTAL HOURS, 905 IN TYPE, INSTRUMENT RATED.
	DEPARTURE NEW YOR TYPE OF AC ENGINE F HARD LAN			ΙN	FL	F OPERATION IGHT OTHER NG POWER-OFF AUTOROTAI			
	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 CONDITED BROKEN/IVISIBILITY 1/2 MILIOBSTRUCTION HAZE TYPE OF WE		PI TI	28 REC TH EMP 72 YPE NO	OO IPI UND ERA OF NE	AT ACCIDENT SITE  TATION AT ACCIDENT SITE ERSTORM, RAIN SHOWERS TURE-F  FLIGHT PLAN ATS MOUNTED ON SKIDS.	<b>≣</b>		

FILE	DATE	LOCATION	AIRCRAFT DATA	INJU F	JR I S	ES M/I	N	FLIGHT PURPOSE		PILOT DATA
3-3596	6/30/74 MON	ROE, NY	ENSTROM F-28A N19BW DAMAGE-DESTROYED TENDED DESTINATION ORANGE COUNTY,NY	CR- C	) )	0 0	1 2	NONCOMMERCIAL PLEASURE/PERSONAL	TRANSP	PRIVATE, AGE 28, 262 TOTAL HOURS, 32 IN TYPE, NOT INSTRUMENT RATED.
	TETERBORO,N TYPE OF ACCIDE ROLL OVER	J NT	ORANGE COUNTY, NY	OOWN						
	FACTOR(S) TERRAIN - OT PILOT IN COM PILOT IN COM MISCELLANEOU EMERGENCY CIRC	MAND - SELECTED  HER  MAND - LACK OF F  MAND - INADEQUAT S ACTS, CONDITION  UMSTANCES - PREC  AIRF	UNSUITABLE TERRAIN  AMILIARITY WITH AIRC E PREFLIGHT PREPARAT S — IMPROPERLY LOADE AUTIONARY LANDING OF RAME BUFFET 30DEG SLOPE.OVR MAX	ION AND D AIRCE F AIRPO	RAF	T-W	ΕIG	HT-AND/OR C.G.	ED∙	
3-1726	7/7/74 DEA TIME - 0830	D HORSE BAY,NY	BELL 47G-4A N7924J DAMAGE-SUBSTANTIAL	CR- (	)	0 0	2	INSTRUCTIONAL TRAINING		COMMERCIAL, FL.INSTR., AGE 33, 1316 TOTAL HOURS, 435 IN 1YPE, NOT INSTRU- MENT RATED.
	DEPARTURE POIN	TT FID.NY	TENDED DESTINATION		РН	ASE LAN	OF IDIN	OPERATION G POWER-OFF AUTOR	OTATIVE	
	PILOT IN COM	SJUDGED SPEED AN MAND - INADEQUAT	D ALTITUDE E SUPERVISION OF FLI SHORT SHAFT HIT MN		BLA	DE.				
3-2962	8/5/74 GAR TIME - 1710	DEN CITY,NY	ENSTROM F-28A N9259 DAMAGE-SUBSTANTIAL	CR- (	)	0 0	1 1	COMMERCIAL OTHER		COMMERCIAL, FL.INSTR., AGE 25, 1140 TOTAL HOURS, 32 IN TYPE, NOT INSTRUMEN RATED.
	DEPARTURE POIN GARDEN CITY, TYPE OF ACCIDE	NI	ORT TENDED DESTINATION LOCAL UNCONTROLLED		PΗ	A S E TA K	0 F E0 F	OPERATION F VERTICAL		
		MAND - FAILED TO	MAINTAIN ADEQUATE F FF,LOST ROTOR RPM,SE				ROU	ND,STRUCK FENCE,FL	T FOR R	R TRACK PATROL.

			BKIEF	5 UF A	1001	וטבוי	13				
	DATE	LOCATION	ATRCRAFT DATA	TN	).HIR	TES		FLIGHT			
3-3147	9/12/74 TIME - 1530 DEPARTURE F	GROVELAND, NY POINT	HUGHES 269A N8733F DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	CR- PX-	0	0	0	COMMERCIAL	COMMERCIAL, AGE 24, 924 TOTAL HOURS, 631 IN TYPE, NOT INSTRUMENT RATED.		
	PROBABLE CAUSE(S) PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT										
	KIND OF C PILOT'S S GOGGLES - COCKPIT C TANK/HOPP ELEVATION	ED-PROPERLY TALLED ES		1 G C C T P	TYPE LOV RAS RAS TERR	OF ES H H H B	OPERATION - SPRAYING CF CHEMICAL USED - LIQUID - NOT USED ELMET - AVAILABLE-USED AR - NOT INSTALLED -TYPE - LEVEL,FLAT RE TURNAROUND - SECOND	CHEMICAL-NONTOXIC			
3-4331	10/15/74 TIME - 1540	GARDEN CITY,NY	BELL 206 N1430 DAMAGE-SUBSTANTIAL		0	0	1 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 26, 3000 TOTAL HOURS, 910 IN TYPE, NOT INSTRU- MENT RATED.		
	NAME OF AIR DEPARTURE P GARDEN CI TYPE OF ACC ENGINE FA HARD LAND			TΔ	K EO	F OPERATION FF INITIAL CLIMB NG POWER-OFF AUTOROTAT:					
	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 8ASE/HELIPT.										

FILE	DATE LOCATION	N AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4332	11/24/74 FREEPORT,NY TIME - 1702	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 TYPE OF ACCIDENT AIRFRAME FAILURE IN COLLISION WITH GROUND	INTENDED DESTINATION LOCAL FLIGHT D/WATER UNCONTROLLED	PHASE O IN FL IN FL	F OPERATION IGHT POWER-ON DESCENT IGHT UNCONTROLLED DES	
	MISCELLANEOUS ACTS,CC FACTOR(S)	ANEOUS UNITS AND ASSEMBLIES ONDITIONS — FATIGUE FRACTURE ONDITIONS — SEPARATION IN FU	≣	LONS/CONES	
	MISCELLANEOUS ACTS,CO	ONDITIONS - AIRCRAFT CAME TO PCH AFT TAIL BOOM SEPARATED.	D REST IN WATER		TAIL FIN SPAR CHANNEL
3-0063	1/12/74 KNIGHTDALE,, TIME - 1250	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 DEPARTURE POINT KNIGHTDALE,NC TYPE OF ACCIDENT AIRFRAME FAILURE ON	INTENDED DESTINATION LOCAL	PHASE C LANDI	IF OPERATION NG ROLL	
		MPROPER OPERATION OF FLIGHT LIC CTL. MN ROTOR HIT TAIL F		FT.	
3-1704		DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRA	PRIVATE, AGE 41, 600 INSP TOTAL HOURS, 200 IN TYPE NOT INSTRUMENT RATED.
	NAME OF AIRPORT - WARF DEPARTURE POINT EDEN•NC TYPE OF ACCIDENT COLLIDED WITH WIRES	S INTENDED DESTINATION LOCAL		F OPERATION IGHT NORMAL CRUISE	
	FACTOR(S) TERRAIN - HIGH OBSTRE	AILED TO SEE AND AVOID OBJE UCTIONS IVERTED ATTENTION FROM OPER			

FILE	DATE LOC	CATION	AIRCRAFT DATA	IN.	JURIES - S M	/ N	FLIGHT PURPOSE	PILOT DATA
3-1844	7/7/74 SHELBY, TIME - 0930  DEPARTURE POINT SHELBY,NC	, NC IN	HUGHES 269A N8934F DAMAGE-SUBSTANTIAL TENDED DESTINATION LOCAL	CR- PX-	0 0 0 0	1 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 43, 180 TOTAL HOURS, 116 IN TYPE, NOT INSTRUMENT RATED.
	TYPE OF ACCIDENT		CONTROLLED				F OPERATION IGHT SWATH RUN	
	PROBABLE CAUSE(S) PILOT IN COMMAND							
	SPECIAL DATA TOTAL HOURS IN C KIND OF CROP — C PILOT'S SEAT BE GOGGLES — NOT US COCKPIT CRASHPAD TANK/HOPPER-LOCA ELEVATION-AREA E REMARKS- STRUCK A	COTTON _T - FASTENED SED O - NOT INSTA ATION - SIDES BEING TREATED	-PROPERLY LLED -FEET - 850		TYPE GLOV	OF ES	OPERATION - DUSTIN CHEMICAL USED - LI - NOT USED ELMET - AVAILABLE-U AR - NOT INSTALLED -TYPE - ROLLING UN-HOW FLOWN - WIND	OUID CHEMICAL-TOXIC
3-2020	7/12/74 CHARLOT TIME - 1720	ΓΤΕ•ΝC	BELL 47G-5 N7089J DAMAGE-SUBSTANTIAL	CR- PX-	0 0 0	2	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 44, 1255 TOTAL HOURS, 1058 IN TYPE, NOT INSTRU- MENT RATED.
	NAME OF AIRPORT - DEPARTURE POINT CHARLOTTE,NC TYPE OF ACCIDENT HARD LANDING	DELTA IN	TENDED DESTINATION LOCAL				F OPERATION NG POWER-OFF AUTOR	
			SPEED AND ALTITUDE IL ROTOR DRIVE SHAFT	AND .	TAIL B	DOM		
3-0573				CR- PX-	0 0 0	1	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 50, 680 TOTAL HOURS, 105 IN TYPE, NOT INSTRUMENT RATED.
	TYPE OF ACCIDENT						F OPERATION NG POWER-ON LANDIN	
	PROBABLE CAUSE(S)  PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBST FACTOR(S)  TERRAIN - HIGH OBSTRUCTIONS REMARKS- FLT TO INSPECT JOB SITE, DRG LDG APCH STRUCK TWO 1/4							

FILE	DATE	LOCATION	AIRCRAFT DATA	I N J U F	RIES S M/N	FLIGHT PURPOSE		PILOT DATA	
3-2355	5/21/74 TIME - 1015 DEPARTURE F	CIRCLEVILLE, OHIO	BELL 47D1 N157B DAMAGE-SUBSTANTIAL INTENDED DESTINATION	CR- 0 PX- 0	0 1 0 0	COMMERCIAL ASSOC CROP CTL	ACTIVITY	COMMERCIAL, AGE 28, 1140 TOTAL HOURS, 923 IN TYPE INSTRUMENT RATED.	
	TYPE OF ACC ENGINE FA HARD LAND	IDENT ILURE OR MALFUNCT] ING	LOCAL	ſ	PHASE C TAKEC LANDI	F OPERATION FF INITIAL CLIM NG` POWER-OFF AU	B TOROTATIVE	LANDING	
	PILOT IN FACTOR(S) MISCELLAN POWERPLAN	TT - MISCELLANEOUS COMMAND - IMPROPE BEOUS ACTS,CONDITION T - ENGINE CONTROL	POWERPLANT FAILURE F R OPERATION OF FLIGHT DNS - RPM-UNCONTROLLAE S-COCKPIT THROTTLE-P RCED LANDING OFF AIRPO	CONTROLS BLE-OVERS POWER LEV	S SPEED VER ASS				
	SPECIAL DAT TOTAL HOU KIND OF C PILOT'S GOGGLES - COCKPIT C TANK/HOPP ELEVATION REMARKS - UN	IRS IN CROP CONTROL ROP - CORN EAT BELT - FASTENE NOT USED RASHPAD - NOT INSI ER-LOCATION - SIDE HAREA BEING TREATE	900 ED-PROPERLY FALLED ES ED-FEET - 945 IT.INCR IN PWR CAUSED	ENG OVRS	KIND OF OPERATION - SPRAYING CROPS  TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC GLOVES - NOT USED  CRASH HELMET - AVAIALABLE-NOT USED  CRASH BAR - NOT INSTALLED  TERRAIN-TYPE - LEVEL, FLAT  SWATH RUN-HOW FLOWN - WIND CALM  OVRSPEED.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 PX- 0	0 0 1 0	COMMERCIAL ASSOC CROP CTL	ACTIVITY	COMMERCIAL, AGE 26, 2100 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.	
	DEPARTURE F CUSTAR, OH TYPE OF ACC PROPELLER COLLISION	POINT NO NOTOR FAILURE TA WITH GROUND/WATE	INTENDED DESTINATION LOCAL AIL ROTOR R UNCONTROLLED	1	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE IN FLIGHT UNCONTROLLED DESCENT				
	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 OPERATION - DEFOLIATION (LIQUID) KIND OF CROP - UNKNOWN/NOT REPORTED PILOT'S SEAT BELT - FASTENED-PROPERLY CRASH HELMET - AVAIALABLE-NOT USED TANK/HOPPER-LOCATION - AFT OF PILOT FIRE AFTER IMPACT REMARKS- SPRAY BOOM INSTALLATION FAILED STRUCK TAIL ROTOR								

			AIRCRAFT DATA	F	S	M/N	PURPOSE	PILOT DATA				
3-4003	7/8/74 TIME - 18	NR.WAUSEON,OHIO 15	BELL 47G-5 N4041G DAMAGE-SUBSTANTIAL	CR- (	) (	1	. COMMERCIAL D AERIAL APPLICATION	COMMERCIAL, AGE 32, 2973 TOTAL HOURS, 2196 IN TYPE, NOT INSTRUMENT RATED.				
	WAUSEON TYPE OF A	,OHIO CCIDENT FAILURE OR MALEUNO	INTENDED DESTINATION LOCAL TION ER CONTROLLED				OF OPERATION LIGHT PROCEDURE TURNAROUI LIGHT PROCEDURE TURNAROUN					
	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 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	N9204F DAMAGE-SUBSTANTIAL	PX- C	) (	1	NONCOMMERCIAL PRACTICE	COMMERCIAL, AGE 31, 2200 TOTAL HOURS, 105 IN TYPE, NOT INSTRUMENT RATED.				
	DEPARTURE MANSFI TYPE OF A	POINT ELD,OHIO CCIDENT FAILURE OR MALFUNC	INTENDED DESTINATION AVON,OHIO		B PHA I	OSW SE N F	NROUTE STOP IORTH,OHIO OF OPERATION LIGHT STARTING SWATH RUN LIGHT AUTOROTATIVE DESCE!	ΝΤ				
	PILOT I PILOT I	ANEOUS ACTS,CONDIT N COMMAND - MISJUC N COMMAND - FAILED	IONS - SIMULATED CONDIT GED SPEED AND ALTITUDE TO MAINTAIN ADEQUATE R R ON RCVRY FRM PRACTICE	OTOR R.			1.					

FILE	DATE LOCATIO	ON AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA					
3-0636	2/16/74 BOISE CITY, TIME - 1700	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.					
	TIFE OF MCCIDENT	SE CITY MUNI INTENDED DESTINATION LAMAR, COLO  RAFT BOTH IN FLIGHT	FIIASC O	F OPERATION FF INITIAL CLIMB						
	MISCELLANEOUS ACTS,C PILOT IN COMMAND - F PERSONNEL - MISCELLA FACTOR(S)	EXERCISED POOR JUDGMENT CONDITIONS — DISREGARD OF GO AILED TO SEE AND AVOID OTHO ANEOUS-PERSONNEL PILOT OF O FAILED TO USE OR INCORRECTL'	ER AIRCRAFT OTHER AIRCRAFT							
	CONTROLLING AGENCY - TRAFFIC ADVISORY ISS CONTROL ZONE/AREA - HORIZONTAL COLLISION EVASIVE ACTION TAKEN	N INVOLVED - SMALL US GEN.AN - NO CONTROL SUED - OTHER NO N ANGLE-DEGREES - O N - NO JRN ACROSS ACTIVE RWY.NOT MO	RADAR C CONTROL CONVERG VERTICA ANTI-CO	SMALL US GEN.AV.  RADAR CTL/SURVEILLANCE - NOT UNDER RADAR CONTACT  CONTROLLED/UNCONTROLLED AIRPORT - UNCONTROLLED AIRPOR  CONVERGENCE ANGLE-DEGREES - 0  VERTICAL COLLISION ANGLE-DEGREES - 0  ANTI-COLLISION LIGHTS - INSTALLED, OPERATION UNKNOWN  FORING UNICOM.HIT ACFT ON FINAL APCH.						
3-2808	6/19/74 ZAFRA,OKLA TIME - 2000	EL TOMCAT 47 N4227A DAMAGE-DESTROYED INTENDED DESTINATION	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 ZAFRA, OKLA TYPE OF ACCIDENT ENGINE FAILURE OR MA COLLIDED WITH TREES	ALFUNCTION	PHASE O IN FL	F OPERATION [GHT SWATH RUN NG POWER-OFF AUTORO]	TATIVE 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									
	EMERGENCY CIRCUMSTANCE									

			DKILI 3	OF ACCI	DEN I.	)					
FILE	DATE	LOCATION	AIRCRAFT DATA			FLIGHT N PURPOSE		PILOT DATA			
3-1961	7/24/74 BOISE CITY,OKLA AIR & SPACE 18A CR- 0 0 1 NONCOMMERCIAL PRIVATE, AGE 38, 99 TOT.  N6121S PX- 0 0 0 PLEASURE/PERSONAL TRANSP HOURS, 35 IN TYPE, NOT  DAMAGE-SUBSTANTIAL  BOISE CITY,OKLA TYPE OF ACCIDENT HARD LANDING GEAR COLLAPSED  AIR & SPACE 18A CR- 0 0 1 NONCOMMERCIAL PRIVATE, AGE 38, 99 TOT.  N6121S PX- 0 0 0 PLEASURE/PERSONAL TRANSP HOURS, 35 IN TYPE, NOT  INSTRUMENT RATED.  PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN LANDING ROLL										
	PILOT IN FACTOR(S) TERRAIN - MISCELLAN	COMMAND - IMPROPE COMMAND - SELECTE WET, SOFT GROUND	ER OPERATION OF FLIGHT ED UNSUITABLE TERRAIN IONS - OVERLOAD FAILURE		5						
3-0312	NAME OF AIR DEPARTURE P MT HOOD, C TYPE OF ACC	PORT - WOODS OINT REG IDENT	HILLER ACFT UH-12E N5367V DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL ER UNCONTROLLED	PX- 0	O PHASE	2 CONSTRUCTION OF OPERATION	۷G	COMMERCIAL, AGE 24, 891 TOTAL HOURS, 176 IN TYPE NOT INSTRUMENT RATED.			
	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.										

FILE	DATE	LOCATION	AIRCRAFT DATA	ΙN	JURIE FS	S M/N	FLIGHT PURPOSE	PILOT DATA	
3-0730	3/18/74 TIME - 10	SUBLIMITY, OREG	HILLER ACFT UH-12E N9749C DAMAGE-DESTROYED	CR- PX-	0 0	1 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 42, 2750 TOTAL HOURS, 1500 IN TYPE, NOT INSTRUMENT RATED.	
	TYPE OF A		INTENDED DESTINATION LOCAL  ION		1	N FI	DF OPERATION LIGHT PROCEDURE TURN ING POWER-OFF AUTORO		
	POWERPL FACTOR(S) TERRAIN PARTIAL F	) N — ROUGH/UNEVEN POWER LOSS — PARTIAL	POWERPLANT FAILURE F LOSS OF POWER - 1 ENG RCED LANDING OFF AIRPO	INE			ED REASONS		
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HO ELEVATI	HOURS IN CROP CONTRO = CROP — COTTON	IN/NOT REPORTED STALLED SES SED-FEET - 1100		KIND OF OPERATION - SPRAYING FORESTS TYPE OF CHEMICAL USED - DRY CHEMICAL-TOXIC GLOVES - USED CRASH HELMET - AVAILABLE-USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - ROLLING SWATH RUN-HOW FLOWN - UPWIND				
3-0934	3/22/74 TIME - 11	CORVALLIS, OREG	SIKORSKY S-55B N5663 DAMAGE-SUBSTANTIAL	CR- PX-	0 0	1 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 35, 3888 TOTAL HOURS, 336 IN TYPE, INSTRUMENT RATED.	
	3/22/74 CORVALLIS, OREG SIKORSKY S-55B CR- TIME - 1130 N5663 PX- DAMAGE-SUBSTANTIAL DEPARTURE POINT INTENDED DESTINATION CORVALLIS, OREG TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING						OF OPERATION LIGHT EN ROUTE TO TR ING POWER-OFF AUTORO	REAT CROP DTATIVE LANDING	
	PILOT : MISCELI PILOT : COMPLETE	IN COMMAND - FAILED POWER LOSS - COMPLE	AGEMENT OF FUEL IONS - FUEL STARVATION TO MAINTAIN ADEQUATE F ITE ENGINE FAILURE/FLAN PRCED LANDING OFF AIRPO	IEOUT-	1 EN	INE			
	KIND OF PILOT'S COCKPITANK/HO ELEVATS	HOURS IN CROP CONTRO F CROP - GRAIN FIELD S SEAT BELT - FASTEN T CRASHPAD - INSTALL OPPER-LOCATION - SL ION-AREA BEING TREAT	DS NED-PROPERLY .ED ING LOADED		GO! CR! TE!	E O GLE SH RAI	F OPERATION - FERTIL) F CHEMICAL USED - DRY S - USED BAR - NOT INSTALLED N-TYPE - LEVEL,FLAT RUN-HOW FLOWN - UPWIN	CHEMICAL-NONTOXIC	

FILE	DATE	LOCATION	AIRCRAFT DATA	I N J F	URIES S M	/ N	FLIGHT PURPOSE	PILOT DATA		
3-0755	3/24/74 LO TIME - 0822  DEPARTURE POI LONDON, OREG TYPE OF ACCID	NDON, OREG  NT IN	HILLER ACFT UH-12E N90469 DAMAGE-SUBSTANTIAL TENDED DESTINATION LOCAL	CR- PX-	0 0 0 0	1 0	COMMERCIAL AERIAL APPLICATION  F OPERATION	COMMERCIAL, AGE 30, 2700 TOTAL HOURS, 650 IN TYPE, NOT INSTRUMENT RATED.		
	PILOT IN CO FACTOR(S) PILOT IN CO	MMAND - FAILED TO MMAND - IMPROPER MMAND - SPONTANEO	MAINTAIN ADEQUATE R OPERATION OF POWERPL US-IMPROPER ACTION			PLA	NT CONTROLS			
	TERRAIN - ROUGH/UNEVEN  SPECIAL DATA  TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED KIND OF CROP - FOREST-TREES FILOT'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			TENDED DESTINATION LOCAL					COMMERCIAL, FL.INSTR., AGE 35, 11000 TOTAL HOURS, 1000 IN TYPE, NOT INSTRUMENT RATED.		
	ENGINE FAIL ROLL OVER	URE OR MALFUNCTIO	N		IN LA	FL NDI	F OPERATION IGHT STARTING SWATH I NG POWER-OFF AUTOROTA	RUN ATIVE 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									
	GOGGLES - N COCKPIT CRA TANK/HOPPER ELEVATION-A	I BELI - UNKNUWN/ OT USED SHPAD - NOT INSTA -LOCATION - SIDES REA BEING TREATED	LLED -FEET - 300		CRAS CRAS TERR SWAT	ES H H H B AIN H R	OPERATION - FERTILIZ: CHEMICAL USED - DRY ( - NOT USED ELMET - AVAILABLE-USEI AR - NOT INSTALLED - TYPE - LEVEL, FLAT UN-HOW FLOWN - WIND C, ELOW.UN MNTN RPM.LNDD	D ALM		

	DATE		AIRCRAFT DATA		F	S M.	'N		PILOT DATA			
		INDEPENDENCE, OREG		CR-	0	0	1	MISCELLANEOUS				
		NAME OF AIRPORT - INDEPENDENCE										
	DEPARTURE POINT INTENDED DESTINATION LAST ENROUTE STOP LONGVIEW, WASH EUGENE, OREG INDEPENDENCE, OREG											
	TYPE OF A		- OPERATION									
	ENGINE FAILURE OR MALFUNCTION IN FLIGHT NORMAL CRUISE ROLL OVER LANDING POWER-OFF AUTOROTATIVE LANDING											
	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						NG	AT ACCIDENT SITE				
	VISIBILITY AT ACCIDENT SITE 5 OR OVER						PRECIPITATION AT ACCIDENT SITE					
	OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE							WIND VELOCITY-KNOTS				
	TYPE OF WEATHER CONDITIONS VFR							FLIGHT PLAN				
	REMARKS-	LNDD ON SOFT UNEVEN (	GND.GUSTS TO 25K.NO L	A DAO.	ВОА	RD.						

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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M	/N	FLIGHT PURPOSE	PILOT DATA
3-2163	5/24/74 TIME - 1	NR.NORTH POWDER,OREG 030	BELL 47G-3B N73940 DAMAGE-SUBSTANTIAL	CR- 0 0 PX- 0 0	1	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 23, 343 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
		E POINT IN POWDER∙OREG ACCIDENT ION WITH GROUND/WATER		PHAS I N	E OI	F OPERATION IGHT PROCEDURE TURNAR	
	PILOT FACTOR(S WEATHE TERRAI WEATHER	CAUSE(S) IN COMMAND - IMPROPER ) R - HIGH DENSITY ALTIT N - HIGH OBSTRUCTIONS BRIEFING - UNKNOWN/NOT FORECAST - UNKNOWN/NOT	UDE REPORTED	CONTROLS			
	VISIBILI 5 OR O OBSTRUCT NONE	ST/LOWER SCATTERED TY AT ACCIDENT SITE	DENT SITE	12' PREC NO TEMP 65	OOO IPI NE ERA	AT ACCIDENT SITE TATION AT ACCIDENT SIT TURE-F FLIGHT PLAN	E
	SPECIAL TOTAL KIND O PILOT! GOGGLE: COCKPI TANK/HI ELEVAT PROCED	DATA HOURS IN CROP CONTROL F CROP - GRAIN FIELDS S SEAT BELT - FASTENED S - NOT USED T CRASHPAD - NOT INST, DPPER-LOCATION - SIDES ION-AREA BEING TREATED URE TURNAROUND - SECON ATMING CLEAN-UP PASS	D-PROPERLY ALLED ; D-FEET - 3550 ID 1/3 OF TURN	KIND TYPE GLOV CRASI CRAS TERR SWAT	OF OF ES : H B: AIN- H R!	OPERATION — SPRAYING CHEMICAL USED — LIQUI — NOT USED ELMET — AVAILABLE—USED AR — NOT INSTALLED — TYPE — ROLLING UN—HOW FLOWN — WIND CA	D CHEMICAL-NONTOXIC
3-3816	NAME OF	MIDLAND,OREG 400 AIRPORT - RANCH HELIPO E POINT IN	DAMAGE-DESTROYED DRT	CR- 0 0 PX- 0 0	1	NONCOMMERCIAL PLEASURE/PERSONAL TRA	PRIVATE, AGE 57, 198 NSP TOTAL HOURS, 37 IN TYPE, NOT INSTRUMENT RATED.
	HIDEAN	ACCIDENT	LOCAL	-		F OPERATION NG POWER-ON LANDING	
	PILOT PILOT FACTOR(S AIRPOR FIRE AFT	CAUSE(S) IN COMMAND - IMPROPER IN COMMAND - SELECTED ) TS/AIRWAYS/FACILITIES ER IMPACT LND ON UPSLOPE.PLT UM	UNSUITABLE TERRAIN - AIRPORT CONDITIONS	S OTHER			

FILE	DATE LOC	ATION	AIRCRAFT DATA	I N.	JURIES S M	/N	FLIGHT PURPOSE	PILOT DATA
3-2809	7/11/74 ESTACAD TIME - 1030  DEPARTURE POINT ESTACADA, OREG TYPE OF ACCIDENT PROPELLER/ROTOR	A,OREG IN	VERTOL 107 N6676D DAMAGE-NONE TENDED DESTINATION LOCAL	CR- PX- OT-	0 0 0 0 0 1	2 0 0	COMMERCIAL CONSTRUCTION  F OPERATION C IDLING ROTORS	COMMERCIAL, AGE 31, 3800 TOTAL HOURS, 1460 IN TYPE, INSTRUMENT RATED.
	PROBABLE CAUSE(S) PERSONNEL - OPER PERSONNEL - MISC	ATIONAL SUPE ELLANEOUS-PE	RVISORY PERSONNEL I RSONNEL GROUND CREW	I NADEQU	JATE S	UPE	RVISION/TRAINING OF R	AMP CREWS ON PYLON FOR INSPECTN.
3-2810	7/16/74 DAYTON, TIME - 1200	OREG	HILLER ACFT UH-12E N104HA DAMAGE-SUBSTANTIAL	PX-	0 0 0 0	1	COMMERCIAL ASSOC CROP CTL ACTIV	AIRLINE TRANSPORT, AGE TITY 27, 3800 TOTAL HOURS, 190 IN TYPE, INSTRUMENT RATED.
	DAYTON, OREG TYPE OF ACCIDENT		TENDED DESTINATION LOCAL UNCONTROLLED		PHA S	E O KEO	F OPERATION FF INITIAL CLIMB	(A) 123 C
	FACTOR(S)  PERSONNEL - MAIN  ROTORCRAFT - TRA	TENANCE,SERV	TOR DRIVE SYSTEM CL	APROPER LUTCH A	R MAIN	ITEN LY	ANCE (OWNER PERSONNEL UE TO IMPACT.M/R SYS	
3-2857	TIME - 1430	IN	BENSEN B-8M N3306 DAMAGE-SUBSTANTIAL TENDED DESTINATION LOCAL	CR- PX-	0 0 0 0	1	NONCOMMERCIAL PLEASURE/PERSONAL TR	STUDENT, AGE 35, 69 TOTA ANSP HOURS, 17 IN TYPE, NOT INSTRUMENT RATED.
	TYPE OF ACCIDENT COLLIDED WITH T		LUCAL				F OPERATION IGHT OTHER	
	PILOT IN COMMAND FACTOR(S) TERRAIN - HIGH O	) - MISJUDGED BSTRUCTIONS	IN-FLIGHT DECISIONS ALTITUDE AND CLEARA FAST ENOUGH TO CLEAR	ANCE		i		

FILE		AIRCRAFT DATA	F S	M/N	PURPOSE	PILOT DATA
3-3813	DEPARTURE POINT EUGENE,OREG TYPE OF ACCIDENT	BENSEN B8ME N3306 DAMAGE-DESTROYED INTENDED DESTINATION LOCAL	CR- 1 0 PX- 0 0	0 NO 0 PL SE OF O	NCOMMERCIAL EASURE/PERSONAL TRA	STUDENT, AGE 35, 72 TOTA ANSP HOURS, 20 IN TYPE, NOT INSTRUMENT RATED.
		EMBLIES MAIN ROTOR BLADE DITIONS — MATERIAL FAILUR FAILURE UNK•				
3-0138	1/17/74 READING, PA TIME - 0902	BELL 47G-4A N1412W DAMAGE-DESTROYED	CR- 1 0 PX- 1 0	0 MI TO 0	SCELLANEOUS HER PUBLIC	COMMERCIAL, FL.INSTR., AGE 33, 1758 TOTAL HOURS, 903 IN TYPE, NOT INSTRU- MENT RATEO.
	NAME OF AIRPORT - READIN DEPARTURE POINT READING, PA TYPE OF ACCIDENT ENGINE FAILURE OR MALF HARD LANDING	INTENDED DESTINATION LOCAL	I	N FLIGH	PERATION T OTHER POWER-OFF AUTOROTA	
	MISCELLANEOUS ACTS, CON MISCELLANEOUS ACTS, CON PILOT IN COMMAND - IMP FACTOR(S) WEATHER - CONDITIONS C TERRAIN - ROUGH/UNEVEN TERRAIN - HIGH OBSTRUC MISCELLANEOUS ACTS, CON WEATHER BRIEFING - UNKNO WEATHER FORECAST - UNKNO	TIONS DITIONS - DOWNWIND WN/NOT REPORTED	ING EQUIPME OR PLANNIN DN SYSTEM I	NT-IMPR G CING		R FAILED TO USE
	SKY CONDITION OVERCAST VISIBILITY AT ACCIDENT S 5 OR OVER		PRE N	000 CIPITAT DNE	ACCIDENT SITE ION AT ACCIDENT SIT	'E
	OBSTRUCTIONS TO VISION A NONE WIND DIRECTION—DEGREES 30	I ACCIDENT SITE	3	D VELOC	E-F ITY-KNOTS	

FILE	DATE	LOCATION	AIRCRAFT DATA	ΙN	JUR	IES		FLIGHT PURPOSE	PILOT DATA
3-1281	6/13/74	PHILADELPHIA,PA	BRANTLEY B-28 N2176U DAMAGE-DESTROYED	CR- PX-	2 0	0	0 0		COMMERCIAL, FL.INSTR., AGE 52, 10500 TOTAL HOURS, UNK/NR IN TYPE, NDT INSTRUMENT RATED.
	DEPARTURE PHILADEL TYPE OF AC ENGINE F	.PHIA•PA	INTENDED DESTINATION LOCAL		Ρ	ΙN	FL	OF OPERATION IGHT CLIMB TO CRUISE ING POWER-OFF AUTOROTATIVE	- LANDING
	PROBABLE O POWERPLA TERRAIN COMPLETE F EMERGENCY FIRE AFTER	AUSE(S)  NT - MISCELLANEOUS  - HIGH OBSTRUCTION  OWER LOSS - COMPLE  CIRCUMSTANCES - FO	TE ENGINE FAILURE/FLA RCED LANDING OFF AIRP	MEOUT-	1 E	ERM NGI	INE		
3-2784	TIME - 080	00	HUGHES 269B N9390F DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	PX-	0	0	1	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 36, 650 TOTAL HOURS, 65 IN TYPE NOT INSTRUMENT RATED.
	TYPE OF AC							DF OPERATION LIGHT OTHER	
	FACTOR(S) TERRAIN			CTS OR	ОВ	S TR	UC T	TIONS	
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HOI ELEVATIO PROCEDU	DURS IN CROP CONTRO CROP - POTATOES SEAT BELT - FASTEN - NOT USED CRASHPAD - NOT INS PPER-LOCATION - SID DN-AREA BEING TREAT RE TURNAROUND - ENT	ED-PROPERLY TALLED ES ED-FEET - 2300 RY TO PROCEDURE TURN		1 0 0 1 3	TYPE SLOV CRAS CRAS TERR SWAT	OF ES H F H E A I R	FOPERATION - DUSTING CROPS CHEMICAL USED - DRY CHEMI - USED HELMET - AVAILABLE-USED BAR - NOT INSTALLED N-TYPE - LEVEL.FLAT RUN-HOW FLOWN - UNKNOWN/NOT	ICAL-NONTOXIC T REPORTED

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FILE	DATE LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1537		BELL 206B N22JC DAMAGE-SUBSTANTIAL		NONCOMMERCIAL PRACTICE	AIRLINE TRANSPORT, AGE 53, 13772 TOTAL HOURS, 124 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - ALLENT DEPARTURE POINT ALLENTOWN, PA	OWN-EASTON		F OPERATION FF OTHER	NATEO.
	PROBABLE CAUSE(S) PILOT IN COMMAND - MIS REMARKS- DURING AN ATTEM	JUDGED CLEARANCE PTED REARWARD TKOF PLT MI	SJUDGED GND CLN	C.DMGD GR ATTACH POINTS.	
3-2608	7/16/74 HARRISBURG,PA TIME - 1800	BENSEN B-8-VW N1709 DAMAGE-SUBSTANTIAL	PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANS	FP TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT
	NAME OF AIRPORT - POSIC DEPARTURE POINT HARRISBURG,PA TYPE OF ACCIDENT GROUND-WATER LOOP-SWER	INTENDED DESTINATION LOCAL		F OPERATION FF RUNNING	RATED.
	PILOT IN COMMAND - FAI FACTOR(S) TERRAIN - ROUGH/UNEVEN	ECTED UNSUITABLE TERRAIN LED TO MAINTAIN DIRECTION L CONTROL ON TAKEOFF.FLD		FLD ROTOR BLADES BOUNCE	D OR FLAPPED.
3-4264	7/31/74 MEDIA,PA TIME - 1030	ENSTROM F-28A N4890 DAMAGE-SUBSTANTIAL	PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANS	COMMERCIAL, FL.INSTR., P AGE 27, 2340 TOTAL HOURS, 210 IN TYPE, NOT INSTRU- MENT RATED.
	DEPARTURE POINT PHILADELPHIA,PA TYPE OF ACCIDENT ENGINE FAILURE OR MALF HARD LANDING			F OPERATION IGHT NORMAL CRUISE NG POWER-OFF AUTOROTATI	
	PILOT IN COMMAND - MIS COMPLETE POWER LOSS - CO	EOUS POWERPLANT FAILURE JUDGED SPEED AND ALTITUDE MPLETE ENGINE FAILURE/FLA — FORCED LANDING OFF AIRP	MEOUT-1 ENGINE	D REASONS	

FILE	DATE LOCATI	ION AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3151	8/1/74 SLIGO,PA TIME - 2010  DEPARTURE POINT CLARION,PA TYPE OF ACCIDENT	BELL 47G-5 N6277N DAMAGE-SUBSTANTIAL INTENDED DESTINATION SLIGO,PA	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY F OPERATION	COMMERCIAL, AGE 31, 1433 TY TOTAL HOURS, 145 IN TYPE, NOT INSTRUMENT RATED.
	PROBABLE CAUSE(S) PILOT IN COMMAND — PILOT IN COMMAND — MISCELLANEOUS ACTS TERRAIN — ROUGH/UNE FACTOR(S) POWERPLANT — POWERF MISCELLANEOUS ACTS	JND/WATER CONTROLLED  INADEQUATE PREFLIGHT PREPARA MISMANAGEMENT OF FUEL CONDITIONS - FUEL EXHAUSTION	LANDÎ TION AND/OR PLA ITY GAUGE	.IGHT NORMAL CRUISE NG LEVEL OFF/TOUCHDOW! .NNING	N
3-2505	EMERGENCY CIRCUMSTANO	CES - FORCED LANDING OFF AIRP	ORT ON LAND  CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 26, 4363 TOTAL HOURS, 1600 IN TYPE, NOT INSTRU-
	ORANGEVILLE, PA TYPE OF ACCIDENT COLLIDED WITH WIRE	INTENDED DESTINATION LOCAL		F OPERATION IGHT SWATH RUN	MENT RATED.
	FACTOR(S) TERRAIN - HIGH OBST MISCELLANEOUS ACTS	MISJUDGED CLEARANCE FRUCTIONS CONDITIONS - LOAD NOT JETTIS	ONED		
KIND OF CROP - CORN  PILOT'S SEAT BELT - FASTENED-PROPERLY  GOGGLES - NOT USED  C			TYPE OF GLOVES CRASH F CRASH F TERRAIN SWATH F	ELMET - AVAILABLE-USED AR - NOT INSTALLED -TYPE - LEVEL,FLAT UN-HOW FLOWN - WIND CA	D CHEMICAL-TOXIC

		BKIE	FS OF ACCIDENTS	1	
FILE		ON AIRCRAFT DATA			PILOT DATA
	9/29/74 AMBLER,PA TIME - 1610 NAME OF AIRPORT - WING DEPARTURE POINT	ENSTROM F-28A N48801 DAMAGE-SUBSTANTIA GS FIELD INTENDED DESTINATION	CR- 0 0 1 PX- 0 0 1 L	INSTRUCTIONAL	STUDENT, AGE 48, 125 TOTAL HOURS, 48 IN TYPE, NOT INSTRUMENT RATED.
	AMBLER,PA TYPE OF ACCIDENT HARD LANDING ROLL OVER	LOCAL	LAND	OF OPERATION ING LEVEL OFF/TOUCHD ING LEVEL OFF/TOUCHD	
		FAILED TO MAINTAIN ADEQUATE MISJUDGED SPEED AND ALTITUD 20K.			
3-3934	10/26/74 SHARON,PA TIME - 1525	BRANTLY B-2B N2280U DAMAGE-SUBSTANTIA	PX- 0 0 1		COMMERCIAL, AGE 34, 385 TOTAL HOURS, 5 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - SHAF DEPARTURE POINT SHARON, PA TYPE OF ACCIDENT			OF OPERATION	
	ROLL OVER			AERIAL TAXI TO/FROM	LANDING
	PROBABLE CAUSE(S) PILOT IN COMMAND — FACTOR(S) WEATHER — UNFAVORABI WEATHER BRIEFING — UNI WEATHER FORECAST — UNI	KNOWN/NOT REPORTED	IND CONDITIONS		
	SKY CONDITION CLEAR		UNLI	G AT ACCIDENT SITE MITED	
	VISIBILITY AT ACCIDENT 5 OR OVER		NONE		ITE
	OBSTRUCTIONS TO VISION NONE		LEFT	VE BEARING OF WIND QUARTERING HEAD WIND	293-337 DEGREES
	WIND DIRECTION-DEGREE:		10	ELOCITY-KNOTS	
	TYPE OF WEATHER CONDITIONS  VFR  REMARKS— WIND GUSTING		NONE	F FLIGHT PLAN	
	VEHWVK2- MIND GOZIING	10 TOKe			

FILE	DATE LO	CATION	AIRCRAFT DATA	INJ	UR I	ES S M/	N	FLIGHT PURPOSE	PILOT DATA
3-3023	8/22/74 NR.POINT TIME - 1404	JUDITH,RI	BELL 47J-2A N37739 DAMAGE-DESTROYED	CR- PX-	0 1	1	0 0	COMMERCIAL MAPPING/PHOTO	COMMERCIAL, FL.INSTR., AGE 42, 5350 TOTAL HOURS, 2000 IN TYPE, NOT INSTRU-
	NEWPORT,RI Type of Accident		NTENDED DESTINATION LOCAL					F OPERATION [GHT UNCONTROLLED DES	CENT
	PROBABLE CAUSE(S) MISCELLANEOUS — FACTOR(S) MISCELLANEOUS AGEMERGENCY CIRCUMS	UNDETERMINE CTS,CONDITION TANCES - PREC	D NS — AIRCRAFT CAME T CAUTIONARY LANDING O	O REST	IN OR <sup>1</sup>	WAT	ER	THRU 100-150FT AGL ACF	
3-0025	1/22/74 ST MATTIME - 1620	THEWS+SC	HUGHES 269-A N8718F DAMAGE-SUBSTANTIAL		0 0	0	1 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 28, 8000 TOTAL HOURS, 7000 IN TYPE, NOT INSTRUMENT RATED.
	ENGINE FAILURE	DR MALFUNCTIO	NTENDED DESTINATION LOCAL ON CONTROLLED			ΙN	FL	F OPERATION IGHT STARTING SWATH R NG LEVEL OFF/TOUCHDOW	UN
	PERSONNEL - MAII MISCELLANEOUS AG COMPLETE POWER LO	NTENANCE,SER CTS,CONDITION SS — COMPLET	FE PREFLIGHT PREPARA VICING, INSPECTION I NS — WATER IN FUEL E ENGINE FAILURE/FLA CED LANDING OFF AIRP	MPROPER	LY E1	SER NG I N	٧I	NNING CED AIRCRAFT (GROUND C	REW)
	PROCEDURE TURNAL	GRAIN FIELDS LT - FASTENE SED D - NOT INST ATION - SIDE: BEING TREATE ROUND - THIR!	D-PROPERLY ALLED S D-FEET - 250		GI GI CF CF TE SI	YPE LOVE RASH RASH ERRA WATH	OF S I H I B I N	OPERATION - SPRAYING CHEMICAL USED - LIQUI - USED ELMET - AVAILABLE-USED AR - NOT INSTALLED -TYPE - LEVEL•FLAT UN-HOW FLOWN - CROSSWI T WATER•	D CHEMICAL-NONTOXIC

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FILE			AIRCRAFT DATA		Ē	C N	ZNI	FLIGHT	PILOT DATA	
3-2237	7/5/74 TIME - 111 DEPARTURE MYRTLE E TYPE OF AC ENGINE E HARD LAM	MYRTLE BEACH,SC POINT BEACH,SC & CCIDENT FAILURE OR MALFUNC NDING	BELL 47G N1773 DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	CR- PX- OT-	0 0 0	0 0 1 PHAS	1 3 1 E 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP  F OPERATION IGHT NORMAL CRUISE NG POWER-ON LANDING	COMMERCIAL, AGE 34, 1530 TOTAL HOURS, 170 IN TYPE, NOT INSTRUMENT RATED.	
	PILOT IN PARTIAL PO EMERGENCY	NT - MISCELLANEOU: N COMMAND - MISJUDO DWER LOSS - PARTIA CIRCUMSTANCES - FO	S POWERPLANT FAILURE F SED SPEED AND ALTITUDE L LOSS OF POWER - 1 ENG DRCED LANDING OFF AIRPO ANDERS INJURED • 2-1/2GAL	SINE ORT ON	LA	AND				
3-2300	TIME - 190	00	DAMAGE-DESTROYED					COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 33, 3100 TOTAL HOURS, 3000 IN TYPE, NOT INSTRUMENT RATED.	
	TYPE OF A	CCIDENT FAILURE OR MALFUNC		STINATION  PHASE OF OPERATION  IN FLIGHT EN ROUTE TO TREAT CROP  LANDING POWER-OFF AUTOROTATIVE LANDING						
	MISCELLA PILOT IN FACTOR(S) MISCELLA COMPLETE	ANT - ENGINE STRUC' ANEOUS ACTS,CONDIT N COMMAND - MISJUD( ANEOUS ACTS,CONDIT POWER LOSS - COMPL	TURE MASTER AND CONNECTIONS - MATERIAL FAILURE GED DISTANCE AND ALTITU  IONS - OVERLOAD FAILURE ETE ENGINE FAILURE/FLAN  DRCED LANDING OFF AIRPO	: JDE : 1EOUT-	-1 6	≣NG <b>I</b>	NE			
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HOI ELEVATIO	DURS IN CROP CONTRI CROP — COTTON	NED-PROPERLY STALLED DES TED-FEET - 110		0	TYPE GLOV CRAS CRAS	ES H H H E	OPERATION - SPRAYING CRO CHEMICAL USED - LIQUID C - NOT USED ELMET - AVAILABLE-USED AR - NOT INSTALLED - TYPE - ROLLING UN-HOW FLOWN - CROSSWIND	· -	

FILE	DATE	LOCATION	AIRCRAFT DATA	INJU F	RIES S M.	/N	FLIGHT PURPOSE	PILOT DATA
3-3413	11/2/74 TIME - 19 NAME OF A DEPARTURE CROSS TYPE OF A HARD LA	CROSS ANCHOR,SC 530 AIRPORT - JOHN ROBERTS E POINT IN ANCHOR,SC ACCIDENT	HELIO ACFT H-295 N68880 DAMAGE-SUBSTANTIAL S LTD	CR- 0 PX- 0	O O PHASI	2 0 E OF	INSTRUCTIONAL DUAL  OPERATION NG LEVEL OFF/TOUCHDOWN NG LEVEL OFF/TOUCHDOWN	PRIVATE, AGE 43, 10700 TOTAL HOURS, 9200 IN TYPE, INSTRUMENT RATED.
	PILOT FACTOR(S MISCEL	CAUSE(S) IN COMMAND - IMPROPER ) LANEOUS ACTS, CONDITION DEMO LOG OVR 50FT OBS	NS - OVERLOAD FAILURE					
3-0560	1/23/74 TIME - 1	KNOXVILLE,TENN 640	HILLER ACFT FH1100 N441FH DAMAGE-MINOR	CR- 0 PX- 0	0	1 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 32, 5290 TOTAL HOURS, 60 IN TYPE, INSTRUMENT RATED.
	DEPARTURI KNOXVI TYPE OF	AIRPORT - HELI STOP E POINT IN LLE,TENN ACCIDENT LER/ROTOR ACCIDENT TO	NTENDED DESTINATION LOCAL				F OPERATION C IDLING ROTORS	
	PERSONI	CAUSE(S) NEL - MISCELLANEOUS-PE PAX HIT BY TAIL ROTO!						
3-0054	1/25/74 TIME - 0		BELL 47G3B1 N11HV DAMAGE-SUBSTANTIAL	CR- 0 PX- 0	0	1	MISCELLANEOUS TEST	TYPE, NOT INSTRUMENT
	ITPE UF	E POINT IN S CHRISTI,TEX ACCIDENT FAILURE OR MALFUNCTION ANDING			ΙN	FL	F OPERATION IGHT NORMAL CRUISE NG POWER-OFF AUTOROTATIV	RATED. E LANDING
	POWERP PILOT FACTOR(S MISCEL COMPLETE EMERGENC	CAUSE(S) LANT - MISCELLANEOUS IN COMMAND - MISJUDGEI ) LANEOUS ACTS, CONDITION POWER LOSS - COMPLETI Y CIRCUMSTANCES - FORI	D SPEED AND ALTITUDE NS - DOWNWIND E ENGINE FAILURE/FLAM	EOUT-1	ENGI		D REASONS	

	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/M	FLIGHT PURPOSE	PILOT DATA				
3-0248	2/26/74 TIME - 1610 DEPARTURE F	OLMITO,TEX POINT LLE,TEX LIDENT		CR- 0 0 : PX- 0 0 :		PRIVATE, AGE 45, 4735 TOTAL HOURS, 35 IN TYPE, NOT INSTRUMENT RATED.				
	PILOT IN PILOT IN FACTOR(S)	COMMAND - IMPRO COMMAND - IMPRO	PER OPERATION OF FLIGHT PER COMPENSATION FOR WI D TO MAINTAIN ADEQUATE ND CONDITIONS	ND CONDITIONS						
	5 OR OVER OBSTRUCTION NONE WIND VELOCI 15 TYPE OF FLI NONE	AT ACCIDENT SIT		UNL] PRECII NONE WIND I 180	NG AT ACCIDENT SITE MITED PITATION AT ACCIDENT SI  DIRECTION-DEGREES OF WEATHER CONDITIONS	TE				
3-0718	DEPARTURE F GOULDBUSK TYPE OF ACC ENGINE FA	OINT ,TEX	N8145H DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL CTION	PX- 0 0 2 PHASE IN F		COMMERCIAL, AGE 42, 8400 TOTAL HOURS, 1596 IN TYPE, NOT INSTRUMENT RATED.				
	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 RETURNG TO RANCH AT LO ALT FOLLOWNG COYOTE HUNT-LOST PWR DRG PULL UP OVR PWR LINES.									

3-0955	4/17/74				' 	3 P	17 19	FLIGHT PURPOSE		
	4/17/74 SPUR,TEX TIME - 1630		HUGHES 269B N9341F DAMAGE-DESTROYED	CR- PX-	0	1	0	MISCELLANEOUS HUNTING	COMMERCIAL, AGE 28, 4735 TOTAL HOURS, 1770 IN TYPE, NOT INSTRUMENT RATED.	
	DEPARTURE		INTENDED DESTINATION						XX, 125 C	
	SPUR, TEX		LOCAL			ылс	E 0	F OPERATION	•	
		FAILURE OR MALFUNC	TION		r	IN	FL	IGHT OTHER NG POWER-OFF AUTOROTAT	IVE LANDING	
	MISCELLA FACTOR(S) PILOT IN	ANT - ENGINE STRUC			ROD	)S				
	COMPLETE F	POWER LOSS - COMPLICIRCUMSTANCES - F	ETE ENGINE FAILURE/FLAM ORCED LANDING OFF AIRPO	ORT ON	LA	ND.		HUNTNG.NR 4 CONNCTNG RO	DD P/N 74502-5 FAILD	
	4/23/74 TIME - 083	SLATON,TEX	PAULICKS B-8 N8491						STUDENT, AGE 24, 16 TOTA SP HOURS, ALL IN TYPE, NOT	
		IRPORT - SLATON POINT	DAMAGE-SUBSTANTIAL  INTENDED DESTINATION LOCAL						INSTRUMENT RATED.	
	TYPE OF AC			P			F OPERATION FF 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 TERRAIN WEATHER BE	- UNFAVORABLE WINI - HIGH OBSTRUCTIO RIEFING - NO BRIEF DRECAST - UNKNOWN/	D CONDITIONS NS ING RECEIVED	UK PL	. A INI	NING	,			
	SKY CONDI	TION						S AT ACCIDENT SITE		
	VISIBILITY AT ACCIDENT SITE 5 OR OVER			UNLIMITED PRECIPITATION AT ACCIDENT SITE NONE						
	OBSTRUCTIONS TO VISION AT ACCIDENT SITE			WIND DIRECTION-DEGREES 180						
	NONE WIND VELOCITY-KNOTS 10						OF	WEATHER CONDITIONS		
	NONE	LIGHT PLAN FLEW INTO PWR LINE	S CUSTING TO 154							

		DIVICI	S OF ACCIDENTS		
FILE		AIRCRAFT DATA	F S M/N PU	LIGHT JRPOSE	PILOT DATA
3-1787	5/12/74 TEMPLE,TEX TIME - 1330	BENSEN 8M-KCA N6891A DAMAGE-SUBSTANTIAL	CR- 0 0 1 NONCO PX- 0 0 0 PLEAS	DMMERCIAL SURE/PERSONAL TRANSP	NO CERTIFICATE, AGE 40, 2000 TOTAL HOURS, 0 IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIRPORT - DRAUGHO DEPARTURE POINT TEMPLE, TEX TYPE OF ACCIDENT COLLISION WITH GROUND/W		PHASE OF OPER LANDING TR	RATION RAFFIC PATTERN-CIRCLI	
	PILUI IN COMMAND - FAIL FACTOR(S)	MPTED OPERATION SEYOND EXECUTED TO MAINTAIN ADEQUATE OF FAMILIARITY WITH AIR	ROTOR R.P.M.	/EL	
	REMARKS- MILITARY RATED.	NO PREV FLT TIME IN TYPE	ACFT SETTLED DRG TUR	≀N TO BASE LEG.	
3-1174	5/14/74 UTOPIA,TEX TIME - 0230	BELL 206B N58153 DAMAGE-SUBSTANTIAL	CR- 0 0 1 COMME PX- 0 0 3 AIR T	ERCIAL TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 55, 12075 TOTAL HOURS, 200 IN TYPE,
	DEPARTURE POINT UTOPIA, TEX TYPE OF ACCIDENT COLLIDED WITH TREES	INTENDED DESTINATION BANDERA, TEX	PHASE OF OPER IN FLIGHT		INSTRUMENT RATED.
	PROBABLE CAUSE(S) PILOT IN COMMAND - BECAL PILOT IN COMMAND - MISJ PILOT IN COMMAND - FAIL FACTOR(S) TERRAIN - HIGH OBSTRUCT REMARKS- LOW LVL NIGHT FL	UDGED ALTITUDE ED TO SEE AND AVOID OBJE IONS		NG,SAW TREES TOO LATE	:.
3-1474	6/18/74 SLAYTON,TEX TIME - 1400	HUGHES 269B N9499F DAMAGE-DESTROYED	CR- 0 2 0 INSTR PX- 0 0 0 DUAL	RUCTIONAL	COMMERCIAL, FL.INSTR., AGE 29, 4142 TOTAL HOURS, 3273 IN TYPE, NOT INSTRU-
	DEPARTURE POINT SLAYTON, TEX TYPE OF ACCIDENT FIRE OR EXPLOSION ON G	LOCAL	PHASE OF OPER LANDING OT		MENT RATED.
	PROBABLE CAUSE(S) PILOT IN COMMAND - SELE FACTOR(S) TERRAIN - HIGH VEGETATI EMERGENCY CIRCUMSTANCES - REMARKS- PILOT LANDED TO	ON PRECAUTIONARY LANDING O		ICK DRY WEEDS ABT 3 F	т ні.

FILE	DATE	LOCATION	AIRCRAFT DATA	IN.	JURIE: F S	5 4/N	FLIGHT PURPOSE	
3-2866	9/14/74 TIME - 10 DEPARTURE	DALLAS, TEX DOS POINT IN	ENSTROM F-28A N4894 DAMAGE-SUBSTANTIAL TENDED DESTINATION TEXARKANA;ARK	CR- PX-	0 0	1	MISCELLANEOUS FERRY	COMMERCIAL, AGE 53, 4058 TOTAL HOURS, 3 IN TYPE, INSTRUMENT RATED.
	ENGINE HARD LA	FAILURE OR MALFUNCTIO	N		11	4 F	F OPERATION IGHT NORMAL CRUISE NG POWER-OFF AUTOROTATIV	
	PILOT I FACTOR(S PILOT I TERRAIN PARTIAL F EMERGENCY	_ANT - MISCELLANEOUS [N COMMAND - MISJUDGED	SPEED AND ALTITUDE  AMILIARITY WITH AIRCH  DSS OF POWER - 1 ENG  ED LANDING OFF AIRPO	RAFT INE		MINE	ED REASONS	
3-3205	10/17/74 TIME - 15	ARLINGTON, TEX	HILLER ACFT UH-12C N73876 DAMAGE-SUBSTANTIAL	CR- PX-	0 0 0 0	1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 42, 2000 TOTAL HOURS, 300 IN TYPE NOT INSTRUMENT RATED.
	.,	FAILURE OR MALFUNCTIO			I	V FL	OF OPERATION IGHT NORMAL CRUISE NG POWER-OFF AUTOROTATIV	
	MISCELI PILOT : FACTOR(S MISCELI COMPLETE EMERGENCY	IN COMMAND - INADEQUAT LANEOUS ACTS, CONDITION IN COMMAND - MISJUDGED	S - WATER IN FUEL SPEED AND ALTITUDE RIAL AFFECTING NORMA ENGINE FAILURE/FLAM ED LANDING OFF AIRPO	L OPE EOUT- RT ON	RATIO 1 ENG	۱S	NNING	
3-3821	12/5/74 TIME - 14	NR.FREER,TEX	BELL 47GB31 N8505F DAMAGE-SUBSTANTIAL	CR- PX-	0 1 0 0	0	NONCOMMERCIAL AERIAL SURVEY	COMMERCIAL, AGE 26, 1885 TOTAL HOURS, 1605 IN TYPE, NOT INSTRUMENT
	FREER,		LOCAL			-	OF OPERATION IGHT HOVERING	RATED.
	PILOT FACTOR(S PILOT EMERGENC	CAUSE(S) IN COMMAND - MISJUDGED ) IN COMMAND - DIVERTED Y CIRCUMSTANCES - FORC T/R BLADE HIT GRND WH	ATTENTION FROM OPERA ED LANDING OFF AIRPO	TION RT ON	LAND			

FILE	DATE	LOCATION	AIRCRAFT DATA	I N J l F	JR I S	S M/N	١	FLIGHT PURPOSE		PILOT DATA
3-3686	9/5/74 NR. TIME - 1440	OGDEN,UT	BELL 47G3B1 N73972 DAMAGE-DESTROYED	CR- : PX- (	1 )	0 0	CO MA	MMERCIAL PPING/PHOTO	:	ATR, FLIGHT INSTR., AGE 37, 9000 TOTAL HOURS, 4066 IN TYPE, INSTRUMENT
	TYPE OF ACCI	DENT OUS	TENDED DESTINATION OGDEN,UT UNCONTROLLED			IN F	LIGH	PERATION T NORMAL CRUISE T UNCONTROLLED DI		
	MISCELLANE MISCELLANE	- FLIGHT CONTROL OUS ACTS, CONDITION OUS ACTS, CONDITION	SYSTEMS CYCLIC PITO S - DISCONNECTED S - FATIGUE FRACTURE S - IMPROPERLY INSTA		ROL	SYS	TEM			
	EMERGENCY CI	RCUMSTANCES - FORC	S - AIRCRAFT CAME TO ED LANDING OFF AIRPO ONTROL.SEPARATION IN	IRT ON V	VΑΤ	ĒR		725-853-5 DUE OFF	CTR DR	ILLED HOLE.
3-3215	10/26/74 NR. TIME - 1730	VERNAL ,UT	BELL 47G3B1 N1170W DAMAGE-SUBSTANTIAL	PX- (	)	0 1 0 2	CO	MMERCIAL R TAXI-PASSG	•	COMMERCIAL, AGE 31, 2341 TOTAL HOURS, 1518 IN TYPE, NOT INSTRUMENT KATED.
	VERNAL,UT TYPE OF ACCI		TENDED DESTINATION LOCAL					PERATION INITIAL CLIMB		
	PROBABLE CAU PILOT IN C PILOT IN C FACTOR(S) WEATHER - TERRAIN - WEATHER BRIE	SE(S)  OMMAND - INADEQUAT  OMMAND - FAILED TO  HIGH DENSITY ALTIT  ROUGH WATER  FING - UNKNOWN/NOT	E PREFLIGHT PREPARAT MAINTAIN ADEQUATE R UDE	ION ANI	0/0	R PL				
	5 OR OVER	N T ACCIDENT SITE TO VISION AT ACCI	DENT SITE		PF I TE	JNLI ECIP NONE	MI TE	ION AT ACCIDENT S	ITE	
	WIND DIRECTI 170 TYPE OF WEAT VFR	ON-DEGREES HER CONDITIONS SITY ALT 13000 FT.			W I	ND V LO	IF FL	ITY-KNOTS IGHT PLAN		

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4068	12/16/74 NR TIME - 1530 DEPARTURE PO KAMAS,UT TYPE OF ACCI ENGINE FA	KAMAS•UT DINT DENT [LURE OR MALFUNCT	BELL 47G-3B N73218 DAMAGE-SUBSTANTIAL INTENDED DESTINATION OAKLEY,UT	CR- 0 0 1 PX- 0 0 0 PHASE 0 TAKEO	COMMERCIAL CTR PASSG-D  F OPERATION FF VERTICAL	COMMERCIAL, AGE 33, 2932 TOTAL HOURS, 200 IN TYPE, NOT INSTRUMENT RATED.
	PROBABLE CAU POWERPLAN' MISCELLANE MISCELLANE FACTOR(S) TERRAIN — PILOT IN ( MISCELLANE PARTIAL POWE	F - EXHAUST SYSTE GUS ACTS,CONDITI EGUS ACTS,CONDITI HIGH OBSTRUCTION COMMAND - FAILED GOUS ACTS,CONDITI ER LOSS - VARTIAL IRCUMSTANCES - FO	ONS - DISCONNECTED ONS - MISSING	ROTOR R.P.M. GINE DRT ON LAND	NG POWER-ON LANDING	
3-0929	NAME OF AIR	PORT - NORFOLK HE DINT	DAMAGE-DESTROYED LIPORT INTENDED DESTINATION	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL BUSINESS	COMMERCIAL, AGE 26, 621 TOTAL HOURS, 90 IN TYPE, NOT INSTRUMENT RATED.
	TYPE OF ACC	•	COUAL		F OPERATION FF VERTICAL	
	FACTOR(S) WEATHER - WEATHER BRID		IOT REPORTED	ND CONDITIONS		
	SKY CONDITION UNKNOWN/NI VISIBILITY A 5 OR OVER	ON  OT REPORTED  AT ACCIDENT SITE  S TO VISION AT AC  FF  IY-KNOTS		25000 PRECIPI NONE RELATIV LEFT WIND DI 50	AT ACCIDENT SITE TATION AT ACCIDENT S E BEARING OF WIND QUARTERING TAIL WING RECTION-DEGREES WEATHER CONDITIONS	

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FILE	DATE LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
					COMMERCIAL, FL.INSTR., AGE 47, 2900 TOTAL HOURS, 400 IN TYPE, NOT INSTRU- MENT RATED.
	DEPARTURE POINT STEPHENS CITY, VA TYPE OF ACCIDENT ENGINE FAILURE OR MAL COLLIDED WITH TREES	INTENDED DESTINATION LOCAL FUNCTION	IN FL	F OPERATION IGHT SWATH RUN NG POWER-OFF AUTOROTAT	
	PERSONNEL - MAINTENAN MISCELLANEOUS ACTS,CO POWERPLANT - ENGINE A MISCELLANEOUS ACTS,CO TERRAIN - HIGH OBSTRU PARTIAL POWER LOSS - PA	NDITIONS - LOOSE, PART/FITT	NADEQUATE MAINT ENGINE LUBRICAT ING GINE	ENANCE AND INSPECTION	
	KIND OF CROP - FRUIT TERRAIN-TYPE - LEVEL, SWATH RUN-HOW FLOWN -	FLAT	PILOT'S ELEVATI	SEAT BELT - FASTENED-P ON-AREA BEING TREATED-F	ROPERLY EET - 890
3-1299	NAME OF AIRPORT - PARNE	DAMAGE-DESTROYED LL			COMMERCIAL, AGE 43, 3040 RY TOTAL HOURS, 40 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT RICHMOND↓VA TYPE OF ACCIDENT ENGINE FAILURE OR MAL AIRFRAME FAILURE IN	INTENDED DESTINATION LOCAL FUNCTION	IN FL	OF OPERATION IGHT OTHER ING POWER-OFF AUTOROTAT	IVE LANDING
	PILOT IN COMMAND - IM FACTOR(S) MISCELLANEOUS ACTS,CO	NEOUS POWERPLANT FAILURE PROPER OPERATION OF FLIGHT NDITIONS — SEPARATION IN F	CONTROLS LIGHT	D REASONS	
	EMERGENCY CIRCUMSTANCES	OMPLETE ENGINE FAILURE/FLA — FORCED LANDING OFF AIRP RATED BY MN ROTOR STRIKE D	ORT ON LAND	.ACFT CONTINUED THRU RO	OF OF HOUSE.

FILE	DATE LOCATION	AIRCRAFT DATA	INJU F	RIES S M/	FLIGHT	PILOT DATA	
3-3417	9/13/74 HORNTOWN, VA TIME - 1230	BELL 47G-2A	CR- 0 PX- 0	0	1 COMMERCIAL	COMMERCIAL, AGE 30, 3522 IVITY TOTAL HOURS, 3442 IN TYPE, INSTRUMENT RATED.	
	NAME OF AIRPORT - DUSTER DEPARTURE POINT HORNTOWN, VA  TYPE OF ACCIDENT ENGINE FAILURE OR MALF HARD LANDING	STRIP INTENDED DESTINATION LOCAL		ΙN	OF OPERATION FLIGHT EN ROUTE TO T DING POWER-OFF AUTOR	REAT CROP	
	FACTOR(S) AIRPORTS/AIRWAYS/FACIL COMPLETE POWER LOSS - CO	EOUS POWERPLANT FAILURE ITIES - AIRPORT CONDITION MPLETE ENGINE FAILURE/FLA - FORCED LANDING OFF AIRP	S OTHER MEOUT-1	ENGIN			
	GOGGLES - NOT USED COCKPIT CRASHPAD - NOT TANK/HOPPER-LOCATION -	STENED-PROPERLY INSTALLED UNKNOWN/NOT REPORTED	KIND OF OPERATION - SPRAYING CROPS  TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC GLOVES - NOT USED CRASH HELMET - AVAILABLE-USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - LEVEL, FLAT D OF SOY BEANS. MAIN ROTOR HIT TAILBOOM.				
-0380	1/20/74 WAPATO,WASH TIME - 0738	BELL 47G-4A N1396X DAMAGE-DESTROYED	CR- 1 PX- 0	0	O MISCELLANEOUS O SEARCH AND RESCUE	COMMERCIAL, AGE 27, 2360 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.	
	DEPARTURE POINT YAKIMA, WASH TYPE OF ACCIDENT COLLIDED WITH WIRES/P				OF OPERATION FLIGHT DESCENDING	NATED.	
	FACTOR(S)		FLYING			NG PWR LINES.	

FILE	DATE		AIRCRAFT DATA	F	S M	/ N	PURPOSE	PILOT DATA
3-0421	2/24/74 NR. TIME - 1437			CR- 0	0	2		COMMERCIAL, FL.INSTR.,
			INTENDED DESTINATION					
	SPOKANE, WA		LOCAL		рылс	E 0	F OPERATION	
	HARD LANDI						NG POWER-OFF AUTOROT	ATIVE LANDING
	PILOT IN C	OMMAND - SELECT OMMAND - IMPROP						
	PILOT IN C	OMMAND - IMPROP	ER OPERATION OF POWERPL	ANI & P	OWER	PLA	NT CONTROLS	
	TERRAIN -		TO SLOPING CONFINED ARE	Δ.				
3-0758	TERRAIN - REMARKS- DEM	O AUTOROTATION  ORKS, WASH	BELL 47G-2	CR- O	0	1	COMMERCIAL CONSTRUCTION	COMMERCIAL, AGF 46, 5100 TOTAL HOURS, 350 IN TYPE.
3-0758	TERRAIN - REMARKS- DEM 3/3/74 F TIME - 1430	O AUTOROTATION ORKS,WASH	BELL 47G-2 N5161B DAMAGE-SUBSTANTIAL	CR- O	0	1 0	COMMERCIAL CONSTRUCTION	COMMERCIAL, AGF 46, 5100 TOTAL HOURS, 350 IN TYPE, UNK/NR INSTRUMENT RATED.
3-0758	TERRAIN - REMARKS- DEM 3/3/74 F TIME - 1430	O AUTOROTATION  ORKS, WASH	BELL 47G-2 N5161B	CR- 0 PX- 0	0	0	CONSTRUCTION	TOTAL HOURS, 350 IN TYPE,
3-0758	TERRAÍN - REMARKS- DEM  3/3/74 F TIME - 1430  DEPARTURE PO FORKS, WASH TYPE OF ACCI	O AUTOROTATION  ORKS, WASH  INT  DENT	BELL 47G-2 N5161B DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	CR- 0 PX- 0	0 PHAS	0 E 0	CONSTRUCTION  F OPERATION	TOTAL HOURS, 350 IN TYPE,
3-0758	TERRAÍN - REMARKS- DEM 3/3/74 F TIME - 1430 DEPARTURE PO FORKS,WASH TYPE OF ACCI PROPELLER/	O AUTOROTATION  ORKS,WASH	BELL 47G-2 N5161B DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	CR- 0 PX- 0	0 PHAS TA	0 E 0 KEO!	CONSTRUCTION	TOTAL HOURS, 350 IN TYPE,
3-0758	TERRAÍN - REMARKS- DEM  3/3/74 F TIME - 1430  DEPARTURE PO FORKS, WASH TYPE OF ACCI PROPELLER/ COLLIDED W  PROBABLE CAU ROTORCRAFT MISCELLANE FACTOR(S) TERRAÍN -	ORKS, WASH  INT  DENT ROTOR FAILURE ITH OBJECT  SE(S)  TRANSMISSION OUS ACTS, CONDIT  ROUGH/UNEVEN	BELL 47G-2 N5161B DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	CR- 0 PX- 0	O PHAS TA LA SEMB	O E O KEO! NDI	CONSTRUCTION  F OPERATION  FF VERTICAL	TOTAL HOURS, 350 IN TYPE

B/74 NR.FORKS,WASH ME - 1300  PARTURE POINT FORKS,WASH PE OF ACCIDENT COLLIDED WITH OBJECT  OBABLE CAUSE(S) PILOT IN COMMAND - FAILED CTOR(S) TERRAIN - OTHER WEATHER - RAIN ATHER BRIEFING - UNKNOWN/NO	BELL 47G3B1 N1325X DAMAGE-DESTROYED  INTENDED DESTINATION LOCAL  TO SEE AND AVOID OBJECT  DT REPORTED	CR- 0 0 1 COMM PX- 0 0 0 CTR  PHASE OF OPE IN FLIGHT	TERCIAL CARGO-D FRATION	COMMERCIAL, AGE 41, 9244 TOTAL HOURS, 5000 IN TYPE, NOT INSTRUMENT RATED.
FORKS, WASH PE OF ACCIDENT COLLIDED WITH OBJECT  OBABLE CAUSE(S) PILOT IN COMMAND - FAILED CTOR(S) TERRAIN - OTHER WEATHER - RAIN ATHER BRIEFING - UNKNOWN/NO	LOCAL  O SEE AND AVOID OBJE  OT REPORTED	IN FLIGHT		KATED.
PILOT IN COMMAND - FAILED TERR(S) TERRAIN - OTHER WEATHER - RAIN ATHER BRIEFING - UNKNOWN/NO	DT REPORTED	CTS OR OBSTRUCTIONS		
	IT REPORTED			
Y CONDITION UNKNOWN/NOT REPORTED SIBILITY AT ACCIDENT SITE 5 OR OVER STRUCTIONS TO VISION AT ACCUOUS	CIDENT SITE	UNK NOWN/NO	DN AT ACCIDENT SITE	
PE OF WEATHER CONDITIONS UNKNOWN/NOT REPORTED MARKS- PLT HOVRNG OVER RVRE	BED SURVYNG LNDNG SIT	TYPE OF FLIG NONE		
18/74 NR.CENTRALIA,WASH ME - 0615		CR- 0 0 1 COMM PX- 0 0 1 ASSO	MERCIAL DC CROP CTL ACTIVITY	COMMERCIAL, FL.INSTR., AGE 25, 2010 TOTAL HOURS 100 IN TYPE, NOT INSTRU- MENT RATED.
ME OF AIRPORT - HELISPOT PARTURE POINT	INTENDED DESTINATION			
CENTRALIA, WASH PE OF ACCIDENT COLLIDED WITH TREES	LOCAL			
	OT REPORTED			
Y CONDITION CLEAR		UNLIMITED		
5 OR OVER STRUCTIONS TO VISION AT ACT NONE NO VELOCITY-KNOTS 15	CIDENT SITE	NONE RELATIVE BEA TAIL WIND	ARING OF WIND 158-202 DEGREES	
M MF FO CVCTAA NOSSSANI	ME - 0615  ME OF AIRPORT - HELISPOT PARTURE POINT CENTRALIA, WASH PE OF ACCIDENT COLLIDED WITH TREES  MEATHER - SUDDEN WINDSHIFT CTOR(S) FERRAIN - HIGH OBSTRUCTIONS OTHER BRIEFING - UNKNOWN/NO OTHER BRIEFING - UNKNOWN/NO OTHER BRIEFING - UNKNOWN/NO OTHER BRIEFING STORE OF CONDITION CLEAR SIBILITY AT ACCIDENT SITE OF OWER STORE OF OVER OF OVER OTHER OF OVER OTHER OTH	DAMAGE-SUBSTANTIAL  THE OF AIRPORT - HELISPOT  CENTRALIA, WASH LOCAL  THE OF ACCIDENT  COLLIDED WITH TREES  THE OF ACCIDENT  COLLIDED WITH TREES  THE OF ACCIDENT  COLLIDED WITH TREES  THE OF ACCIDENT  TOTOR(S)  THE OF AIRPORT OF ACCIDENT  TOTOR(S)  TOTOR(S)  THE OF AIRPORT OF ACCIDENT SITE  TOTOR(S)  TOTOR(	DAMAGE-SUBSTANTIAL  THE OF AIRPORT - HELISPOT  PARTURE POINT INTENDED DESTINATION CENTRALIA, WASH LOCAL PE OF ACCIDENT COLLIDED WITH TREES  DBABLE CAUSE(S) (FEATHER - SUDDEN WINDSHIFT FOOK(S) TERRAIN - HIGH OBSTRUCTIONS STHER BRIEFING - UNKNOWN/NOT REPORTED ATTHER FORECAST - UNKNOWN/NOT REPORTED (CONDITION CLEAR SIBILITY AT ACCIDENT SITE STRUCTIONS TO VISION AT ACCIDENT SITE RELATIVE BEF STRUCTIONS TO VISION AT ACCIDENT SITE STRUCTIONS TO VISION AT ACCIDENT SITE TAIL WIND NO VELOCITY-KNOTS TYPE OF WEAT	N984B PX- 0 0 1 ASSOC CROP CTL ACTIVITY DAMAGE-SUBSTANTIAL  RE OF AIRPORT - HELISPOT PARTURE POINT INTENDED DESTINATION CENTRALIA, WASH LOCAL PEO OF ACCIDENT COLLIDED WITH TREES  REATHER - SUDDEN WINDSHIFT FOR (S) FERRAIN - HIGH OBSTRUCTIONS THER BRIEFING - UNKNOWN/NOT REPORTED ATTHER FORECAST - UNKNOWN/NOT REPORTED THER SIBILITY AT ACCIDENT SITE SIBILITY AT ACCIDENT SITE SIRUCTIONS TO VISION AT ACCIDENT SITE ON OVER STRUCTIONS TO VISION AT ACCIDENT SITE ON OVER TAIL WIND 158-202 DEGREES TYPE OF WEATHER CONDITIONS

	DATE	LOCATION	AIRCRAFT DATA	INJ	UR I	ES.	, NI	DUDDOCE	PILOT DATA
3-1238	4/18/74 TIME - 15	SEATTLE, WASH 20	HUGHES 269B N9332F DAMAGE-NONE	CR- PX-	0 0	1 0	1 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 36, 5214 TOTAL HOURS, 2900 IN TYPE, NOT INSTRU- MENT RATED.
	DEPARTURE SEATTLE TYPE OF A		INTENDED DESTINATION LOCAL					F OPERATION C IDLING ROTORS	MENT KATESI
		N COMMAND - OPERATE	D CARELESSLY E DPTNG HELI,M/R STIL	L ROTAT	INC	G.IP	6	FT 3 IN TALL.	
3-1119	5/2/74 TIME - 10	CHELAN, WASH 50	BELL 47G3B1 N73932 DAMAGE-SUBSTANTIAL	PX-	0 0	0	1	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, FL.INSTR., AGE 28, 2634 TOTAL HOURS, 1170 IN TYPE, NOT INSTRU- MENT RATED.
	CHELAN, TYPE OF A	WASH CCIDENT FAILURE OR MALFUNCT	INTENDED DESTINATION LOCAL			TAK	EOI	F OPERATION FF OTHER FF ABORTED	MENT KATEU.
	MISCELL MISCELL TERRAIN FACTOR(S)	AFT - TRANSMISSION ANEOUS ACTS, CONDIT ANEOUS ACTS, CONDIT! - ROUGH/UNEVEN	ROTOR DRIVE SYSTEM C IONS - EXCESSIVE-WEAR/ ONS - MATERIAL FAILUR	PLAY E					
	COMPLETE	POWER LOSS - COMPLE	IONS - RPM-UNCONTROLLA TE ENGINE FAILURE/FLAI DRCED LANDING OFF AIRP	MEOUT-1	E١	1G I N			
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HO ELEVATI	OURS IN CROP CONTRO CROP - GRAIN FIELD SEAT BELT - UNKNOW - NOT USED CRASHPAD - NOT INS PPER-LOCATION - SI ON-AREA BEING TREA	OS NN/NOT REPORTED STALLED DES TED-FEET - 2200		G L CF CF TE SV	YPE LOVE RASH RASH ERR#	OF S - H H H B I N I N	OPERATION - DUSTING CRO CHEMICAL USED - LIQUID - NOT USED ELMET - AVAILABLE-USED AR - NOT INSTALLED -TYPE - HILLY UN-HOW FLOWN - CROSSWIND AFTER POSITIONING FLAGMA	CHEMICAL-NONTOXIC

FILE	DATE LOCATIO	N AIRCRAFT DATA	INJURIE F S	S M/N	FLIGHT PURPOSE	
3-1430	5/4/74 EPHRATA, WAS TIME - 0700 DEPARTURE POINT	SH BELL 47G-2 N7887B DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	CR- 0 C PX- 0 C	1 2	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 43, 771 TOTAL HOURS, 153 IN TYPE, NOT INSTRUMENT RATED.
	AIRFRAME FAILURE IN HARD LANDING	I FLIGHT	] L	N FL ANDI	IGHT NORMAL CRUISE NG POWER-OFF AUTOROTATI	
	ROTORCRAFT - FLIGHT MISCELLANEOUS ACTS,C MISCELLANEOUS ACTS,C EMERGENCY CIRCUMSTANCE	NNCE, SERVICING, INSPECTION I CONTROL SYSTEMS CYCLIC PIT CONDITIONS - IMPROPERLY SECU CONDITIONS - DISCONNECTED ES - FORCED LANDING OFF AIRP CONTROL, BOLT CAME LOOSE	CH CONTROL RED	SYST		
3-1901	6/4/74 STRATFORD, W	NASH BELL 47G3B1 N1135W	CR- 0 C	2	NONCOMMERCIAL AERIAL SURVEY	COMMERCIAL, AGE 34, 3818 TOTAL HOURS, 1171 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT EPHRATA, WASH TYPE OF ACCIDENT COLLIDED WITH WIRES	INTENDED DESTINATION LOCAL	PH	se o	F OPERATION IGHT OTHER	TIPE, INSTRUMENT RATED.
	FACTOR(S) TERRAIN - HIGH OBSTR MISCELLANEOUS ACTS,C	FAILED TO SEE AND AVOID OBJE RUCTIONS CONDITIONS — AIRCRAFT CAME T TTIALLY OBSCURED WIRES OVR L	O REST IN V			
3-2087	6/11/74 ELMA,WASH TIME - 0805	BELL 47G N927B DAMAGE-SUBSTANTIAL	CR- 0 (	0 1	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 28, 1200 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT ELMA, WASH TYPE OF ACCIDENT ENGINE FAILURE OR MA	INTENDED DESTINATION LOCAL	PH# ] !	SE C N FL ANDI	F OPERATION IGHT SWATH RUN NG LEVEL OFF/TOUCHDOWN	KAIED.
	MISCELLANEOUS ACTS,C TERRAIN - WET,SOFT G COMPLETE POWER LOSS - EMERGENCY CIRCUMSTANCE	STRUCTURE PISTON, PISTON RI CONDITIONS - MATERIAL FAILUR SROUND COMPLETE ENGINE FAILURE/FLA ES - FORCED LANDING OFF AIRP HEAD MELTED THROUGH SPARK PL	E MEOUT-1 ENG ORT ON LANG	)	ELTED.	

FILE	DATE LOCAT	ION AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	
3-2456	6/21/74 SEATTLE,W TIME - 1544	ASH 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 - BO DEPARTURE POINT SEATTLE, WASH TYPE OF ACCIDENT COLLISION WITH AIR	EING FIELD INTL INTENDED DESTINATION SEATTLE,WASH CRAFT BOTH IN FLIGHT	N PHASE O IN FL	F OPERATION IGHT LOW PASS	
	PILOT IN COMMAND - PILOT IN COMMAND - PERSONNEL - MISCEL FACTOR(S) PERSONNEL - TRAFFI	FAILED TO SEE AND AVOID OTE DIVERTED ATTENTION FROM OP FAILED TO FOLLOW APPROVED I LANEOUS-PERSONNEL PILOT OF C CONTROL PERSONNEL FAILUR CONDITIONS - CONGESTED TRAF	ERATION OF AIRCRAPROCEDURES, DIRECTOTHER AIRCRAFT  E TO ADVISE OF OT	IVES,ETC.	
	CONTROLLING AGENCY TRAFFIC ADVISORY I CONTROL ZONE/AREA ANTI-COLLISION LIG FIRE AFTER IMPACT	ON INVOLVED - SMALL US GEN LOCAL CONTROL SSUED - NONE - YES HTS - INSTALLED, OPERATION U	RADAR C CONTROL EVASIVE NKNOWN	TL/SURVEILLANCE - NOT LED/UNCONTROLLED AIRF ACTION TAKEN - NO	FUNDER RADAR CONTACT PORT - CONTROLLED AIRPORT
3-2180	6/23/74 CLARKSTON TIME - 0500	,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.
	CLARKSTON, WASH TYPE OF ACCIDENT	NAIGHJ DAMAGE-DESTROYED INTENDED DESTINATION LOCAL JND/WATER CONTROLLED	N PHASE O		
	FACTOR(S)	MISJUDGED CLEARANCE			
	GOGGLES - USED COCKPIT CRASHPAD - TANK/HOPPER-LOCATI ELEVATION-AREA BEI PROCEDURE TURNAROU FIRE AFTER IMPACT	P CONTROL - 1706 EST-TREES - UNKNOWN/NOT REPORTED  NOT INSTALLED ON - SIDES NG TREATED-FEET - 4600 ND - SECOND 1/3 OF TURN O CONTACT DUE TO GLARE FROM	GLOVE GLOVE CRASH H CRASH B TERRAIN SWATH R		JID CHEMICAL-TOXIC

FILE	DATE	LOCATION	AIRCRAFT DATA	· I1	JUR F	IES S M.	/N	FLIGHT PURPOSE	PILOT DATA
3-1902	6/24/74 N TIME - 183	NR.EPHRATA,WASH 30	BELL 47G-2 N2899B DAMAGE-SUBSTANTIAL	CR- PX-	0	0	1 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 29, 2670 TOTAL HOURS, 80 IN TYPE, NOT INSTRUMENT
	EPHRATA, TYPE OF AC	• WASH	INTENDED DESTINATION LOCAL					F OPERATION IGHT SWATH RUN	RATED.
	FACTOR(S)	CAUSE(S) N COMMAND - MISJUD - HIGH OBSTRUCTIO							
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HOP	DURS IN CROP CONTR CROP — GRAIN FIEL SEAT BELT — UNKNO	DS WN/NOT REPORTED USTALLED DES		G C C	YPE LOV RASI RAS ERR.	OF ES H H H B	OPERATION - SPRAYING CHEMICAL USED - LIQUI - USED ELMET - AVAILABLE-USED AR - NOT INSTALLED -TYPE - LEVEL,FLAT UN-HOW FLOWN - DOWNWIN	D CHEMICAL-TOXIC
3-4314	7/18/74 N TIME - 101		BELL 47G-2 N7891B DAMAGE-DESTROYED	CR- PX-	0	0	1	COMMERCIAL AERIAL APPLICATION	TOTAL HOURS, 1200 IN TYPE, NOT INSTRUMENT
	WAPATO, W TYPE OF AC	VASH CCIDENT FAILURE OR MALFUNC	INTENDED DESTINATION LOCAL TION			ΙN	FL.	F OPERATION IGHT PROCEDURE TURNAR NG POWER-OFF AUTOROTA	
	PILOT IN PARTIAL PO	ANT - MISCELLANEOU N COMMAND - FAILEC DWER LOSS - PARTIA	S POWERPLANT FAILURE O TO MAINTAIN ADEQUATE L LOSS OF POWER - 1 EN CORCED LANDING OFF AIRP	ROTOR GINE	R.P	. M.	INE	D REASONS	
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HOF ELEVATIO PROCEDUF	OURS IN CROP CONTR CROP - CORN SEAT BELT - FASTE - NOT USED	NED-PROPERLY STALLED IKNOWN/NOT REPORTED .TED-FEET - 1082 COND 1/3 OF TURN		G C C	YPE LOV RAS RAS	OF ES H H H B	OPERATION - SPRAYING CHEMICAL USED - LIQUI - USED IELMET - AVAILABLE-USEE AR - NOT INSTALLED I-TYPE - LEVEL, FLAT UN-HOW FLOWN - UNKNOWN	D CHEMICAL-NONTOXIC

FILE	DATE	LOCATION		IN	JUR I	 ES		FLIGHT PURPOSE		PILOT DATA
3-4069	4069 8/11/74 MERCER ISL,WASH BELL 47G-2A TIME - 1346 N88AR DAMAGE-DESTROYED	CR-	0	0 1	CO	MMERCIAL		COMMERCIAL, FL.INSTR., AGE 35, 1470 TOTAL HOURS 870 IN TYPE, NOT INSTRU- MENT RATED.		
	SEATTLE,W TYPE OF ACCI PROPELLER/	ASH DENT ROTOR FAILURE T	INTENDED DESTINATION LOCAL AIL ROTOR R CONTROLLED		PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING LEVEL OFF/TOUCHOOWN		UISE	MENI KAIED.		
	MISCELLANE FACTOR (S) MISCELLANE MISCELLANE EMERGENCY CI	- TRANSMISSION OUS ACTS, CONDITI OUS ACTS, CONDITI OUS ACTS, CONDITI RCUMSTANCES - FO	ROTOR DRIVE SYSTEM TONS - MATERIAL FAILUR ONS - SEPARATION IN FONS - AIRCRAFT CAME TREED LANDING OFF AIRP D FOR UNDET REASON.SA	E LIGHT O REST ORT ON	IN WAT	WA TE				
3-4232	8/14/74 C TIME - 1930	OOK,WASH		PX-				OMMERCIAL INSTRUCTION		COMMERCIAL, AGE 29, 1750 TOTAL HOURS, 1400 IN TYPE, NOT INSTRUMENT RATED.
	COOK,WASH TYPE OF ACCI ENGINE FAI					_ :		PERATION VERTICAL POWER-OFF A	UTOROTATIVE	
	MISCELLANE MISCELLANE FACTOR(S) TERRAIN - PARTIAL POWE EMERGENCY CI	- FUEL SYSTEM OUS ACTS, CONDITI OUS ACTS, CONDITI ROUGH/UNEVEN R LOSS - PARTIAL RCUMSTANCES - FO	OTHER ONS - MATERIAL FAILUR ONS - FUEL STARVATION  LOSS OF POWER - 1 EN RCED LANDING OFF AIRP ON MTN SLOPE.FUEL SY	GINE	LAN	D				

FILE	DATE	LOCATION	AIRCRAFT DATA	ΙN	JUF F	RIES N S	/ N	FLIGHT PURPOSE	PILOT DATA		
									COMMERCIAL, FL.INSTR., AGE 29, 2835 TOTAL HOURS, 228 IN TYPE, NOT INSTRU-		
	ROYAL CIT	ΓΥ,WASH						F OPERATION IGHT SWATH RUN	MENT RATED.		
	PILOT IN FACTOR(S) TERRAIN -	PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED CLEARANCE FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS MISCELLANEOUS ACTS, CONDITIONS - SUNGLARE									
	SPECIAL DATA TOTAL HOURS IN CROP CONTROL — UNKNO KIND OF CROP — CORN			REPORTED KIND OF OPERATION — SPRAYING CROPS TYPE OF CHEMICAL USED — LIQUID CHEM CRASH HELMET — AVAILABLE-USED CRASH BAR — NOT INSTALLED TERRAIN-TYPE — LEVEL,FLAT SWATH RUN-HOW FLOWN — WIND CALM				CHEMICAL-TOXIC			
3-4074		QUINCY,WASH	BELL 47G-2 N6717D DAMAGE-DESTROYED	CR- PX-	0	1	0	MISCELLANEOUS FERRY	COMMERCIAL, FL.INSTR., AGE 42, 2380 TOTAL HOURS, 90 IN TYPE, NOT INSTRUMENT RATED.		
	DEPARTURE F	ITY,WASH CIDENT NEOUS	INTENDED DESTINATION QUINCY,WASH		ſ	I١	FL	F OPERATION IGHT NORMAL CRUISE NG POWER-ON LANDING	NATED.		
	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.										

FILE	DATE	LOCATION	AIRCRAFT DATA	I NJ F	URIES S M	/N	FLIGHT PURPOSE	
3-2881	9/11/74 TIME - 14	RUFF,WASH 400	BELL 47G-2 N3794G DAMAGE-SUBSTANTIAL	CR- PX-	0 0 0 0	1 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 33, 4134 TOTAL HOURS, 230 IN TYPE, NOT INSTRUMENT RATED.
	111.0 01 2	FAILURE OR MALFUNCTION			IN	FL	F OPERATION IGHT SWATH RUN NG POWER-OFF AUTOROT	
	PILOT I MISCELL TERRAIN COMPLETE	CAUSE(S) IN COMMAND - INADEQUAT IN COMMAND - MISMANAGI ANEOUS ACTS, CONDITION N - ROUGH/UNEVEN POWER LOSS - COMPLETE C CIRCUMSTANCES - FORC	EMENT OF FUEL IS - FUEL EXHAUSTION E ENGINE FAILURE/FLAN	4E0UT-1	ENGI		NNING	
							OPERATION - DEFOLIAT CHEMICAL USED - LIQU - NOT USED ELMET - AVAILABLE-USE - TYPE - LEVEL,FLAT UN-HOW FLOWN - UPWIND	ID CHEMICAL-TOXIC D
3-3836	11/4/74 TIME - 08	KINGSTON ∲WASH 330	BELL 47G-2 N5160B DAMAGE-DESTROYED	CR- PX-	1 0 0 0	0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 25, 2000 TOTAL HOURS, 30 IN TYPE, NOT INSTRUMENT RATED.
	NAME OF A	IRRORT KINGGION HE	TRAD					NOT INSTRUMENT RATED.
	SEATTL	E, WASH	SEQUIM, WASH		KI	NGS	TON, WASH	
	TYPE OF A	RIRPURI - RINGSTON HELE E POINT IN E,WASH ACCIDENT ON WITH GROUND/WATER	UNCONTROLLED		PHAS IN	E O	F OPERATION IGHT UNCONTROLLED DE:	SCENT
	PROBABLE PILOT I PILOT I	CAUSE(S) IN COMMAND - INITIATED IN COMMAND - SPATIAL D	) FLIGHT IN ADVERSE W					
	WEATHER WEATHER	N COMMAND - INADEQUAT R - LOW CEILING R - FOG		TION ANI	D/OR	PLAI	NNING	
		BRIEFING - NO BRIEFING FORECAST - UNKNOWN/NOT						
	VISIBILIT  1 MILE  OBSTRUCTI  FOG  TYPE OF F	TION ST/LOWER SCATTERED Y AT ACCIDENT SITE OR LESS ONS TO VISION AT ACCI	DENT SITE		10 PREC	O IPI KNO OF	AT ACCIDENT SITE TATION AT ACCIDENT SI WN/NOT REPORTED WEATHER CONDITIONS	TE
	NONE REMARKS—	ACFT NOT EQUIPPED FOR	R INSTRUMENT FLT.					

FILE	DATE	LOCATION	AIRCRAFT DATA	IN	JUR	IES		FLIGHT	PILOT DATA
	11/4/74 TIME - 12 DEPARTURE MARBLEM TYPE OF A	NR.MARBLEMOUNT,WASH	BELL 205-A1 N59436 DAMAGE-DESTROYED NTENDED DESTINATION	CR- PX-	1 0	0 0 HASE	0 0	COMMERCIAL	COMMERCIAL, AGE 40, 5182 TOTAL HOURS, 22 IN TYPE, NOT INSTRUMENT RATED.
	FACTOR(S) ROTORCR MISCELL TERRAIN	N COMMAND - MISJUDGE  AFT - ROTOR ASSEMBLI  ANEOUS ACTS, CONDITIO  - HIGH OBSTRUCTIONS	ES TAIL ROTOR BLADES NS — SEPARATION IN FLI		<b>.</b> D • !	CRAS	SHE	D ON 60DEG SLOPE.	
3-3292	DEPARTURE LAYLAND TYPE OF A	LAYLAND,W VA 10 POINT I ,W VA CCIDENT D WITH TREES	BELL 47G2A1 N1215W DAMAGE-SUBSTANTIAL NTENDED DESTINATION LOCAL	CR- PX-	P	HASE	≣ 0	COMMERCIAL AERIAL APPLICATION  F OPERATION IGHT SWATH RUN	COMMERCIAL, AGE 21, 1140 TOTAL HOURS, 380 IN TYPE, NOT INSTRUMENT RATED.
	FACTOR(S) MISCELL	N COMMAND - FAILED T	O MAINTAIN ADEQUATE RO NS — JETTISONED LOAD	TOR F	R.₽	. M.			
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HO ELEVATI	IOURS IN CROP CONTROL CROP — FOREST—TREES SEAT BELT — UNKNOWN — NOT USED CRASHPAD — NOT INST IPPER-LOCATION — SIDE ON-AREA BEING TREATE	/NOT REPORTED		T G C C T S	YPE LOVE RASH RASH ERR <i>A</i> WATH	OF ES H H H B AIN H R	CHEMICAL USED - LIQUI - NOT USED ELMET - AVAILABLE-USED AR - NOT INSTALLED - TYPE - MOUNTAINOUS UN-HOW FLOWN - DOWNWIN	D CHEMICAL-NONTOXIC

FILE	DATE LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3280	10/17/74 NR.WAYNE,W VA TIME - 1345	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 RATED.
	DEPARTURE POINT CHARLESTOWN, W VA TYPE OF ACCIDENT COLLIDED WITH WIRES/	INTENDED DESTINATION WAYNE, W VA	PHASE ( LAND	OF OPERATION ING POWER-ON LANDING	MENI KAIFU.
	FACTOR(S)  TERRAIN - HIGH OBSTRUCT  FIRE AFTER IMPACT	LED TO SEE AND AVOID OBJE TIONS ANCE FLT.STRUCK WIRES DRG		TIONS	
3-4005	12/24/74 WILLOW IS,W N	/A ENSTROM F-28A N9278	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 33, 873 TOTAL HOURS, 2 IN TYPE,
	TYPE OF ACCIDENT	N9278 DAMAGE-SUBSTANTIAL INTENDED DESTINATION MORGENTOWN, W VA	PHASE (	INSTRUMENT RATED.	
	PILOT IN COMMAND - IMP PILOT IN COMMAND - LAC	LED TO MAINTAIN ADEQUATE PROPER OPERATION OF FLIGHT K OF FAMILIARITY WITH AIR L DRG L TURN ABT 20 FT AG	CONTROLS CRAFT		
3-0214	2/17/74 WIND LAKE, WISTIME - 1200  NAME OF AIRPORT - HUNT FOR ARTURE POINT	N2473 DAMAGE-SUBSTANTIAL TIFLD		NONCOMMERCIAL PLEASURE/PERSONAL TRANS	STUDENT, AGE 27, 32 TOTAL P HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
	FRANKSVILLE, WIS TYPE OF ACCIDENT AIRFRAME FAILURE IN F NOSE OVER/DOWN	INTENDED DESTINATION WIND LAKE, WIS	IN F	OF OPERATION LIGHT NORMAL CRUISE ING ROLL-ON/RUN-ON	
	FACTOR(S)	NR OTHER NDITIONS — MATERIAL FAILUR NDITIONS — SEPARATION IN F	-LIGHT	SKI DUG INTO SNOW. A/C OV	FRITIBNED LIPON LINDS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJU	RIES		FLIGHT		PILOT DATA
	3/24/74 SURTIME - 1530  DEPARTURE POIN DULUTH, MINITYPE OF ACCIDE	PERIOR,WIS NT	ENSTROM F-28A N9592 DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	CR- 1 PX- 0	O 2 PHAS	0 0		IAL	COMMERCIAL, AGE 28, 740 TOTAL HOURS, 81 IN TYPE, NOT INSTRUMENT RATED.
	FACTOR(S) MISCELLANEOU TERRAIN - H	MAND - FAILED  JS ACTS, CONDIT  IGH OBSTRUCTIO	TO SEE AND AVOID OBJE IONS - UNWARRANTED LOW NS LINES,FLIPPED OVER.		B S TR	UC T	IONS		
3-2350	8/6/74 CEN TIME - 1610	NTERVILLE, WIS	BELL 47D1 N3655F DAMAGE-SUBSTANTIAL		0 0	1 0	COMMERCIAL AERIAL APPI	LICATION	COMMERCIAL, FL.INSTR., AGE 31, 3691 TOTAL HOURS, 1579 IN TYPE, NOT INSTRU- MENT RATED.
	CENTERVILLE TYPE OF ACCIDE	∃•WIS	INTENDED DESTINATION LOCAL				F OPERATION IGHT SWATH	RUN	NEAT MATERIA
	FACTOR(S) PILOT IN CONTERRAIN - H	MMAND — FAILED MMAND — INADEQ IGH OBSTRUCTIO	TO SEE AND AVOID OBJE JATE PREFLIGHT PREPARA NS IONS — LOAD NOT JETTIS	TION AND					
	KIND OF CROP PILOT'S SEA GOGGLES - US COCKPIT CRA TANK/HOPPER-	T BELT - FASTE SED SHPAD - NOT IN -LOCATION - AF REA BEING TREA	NED-PROPERLY STALLED T OF PILOT TED-FEET - 660		TYPE GLOV CRAS CRAS TERR	OF ES H H H B	CHEMICAL U USED ELMET - AVA AR - NOT IN - TYPE - HIL	ILABLE-USED STALLED	(LIQUID) CHEMICAL-NONTOXIC

FILE	DATE LOCATION	AIRCRAFT DATA	INJURIES FLIGHT F S M/N PURPOSE	PILOT DATA
3-1436	6/22/74 NR.DOUGLAS,WYO TIME - 0925 DEPARTURE POINT	HUGHES 269A N8859F DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	CR- 0 0 1 NONCOMMERCIAL PX- 0 0 1 BUSINESS  PHASE OF OPERATION LANDING POWER-ON LANDING	PRIVATE, AGE 49, 8120 TOTAL HOURS, 120 IN TYPE, NOT INSTRUMENT RATED.
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED FACTOR(S) PILOT IN COMMAND - SELECTI TERRAIN - HIGH OBSTRUCTION REMARKS- COLLIDED WITH TELE	ED UNSUITABLE TERRAIN		
3-2582	8/28/74 PINEDALE,WYO TIME - 0548	HILLER ACFT FH1100 N8673 DAMAGE-SUBSTANTIAL	CR- 0 0 1 COMMERCIAL PX- 0 0 2 AIR TAXI-PASSG	COMMERCIAL, AGE 38, 3443 TOTAL HOURS, 792 IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIRPORT - RALPH WEN: DEPARTURE POINT PINEDALE, WYO TYPE OF ACCIDENT COLLISION WITH GROUND/WATE	INTENDED DESTINATION LOCAL	PHASE OF OPERATION TAKEOFF INITIAL CLIMB	
	ROTORCRAFT - FLIGHT CONTROMISCELLANEOUS ACTS, CONDIT	OL SYSTEMS CYCLIC PITO IONS — IMPROPERLY SECU		
3-0679	4/12/74 WASHINGTON,DC TIME - 0730	BELL 47G4A N22MP DAMAGE-SUBSTANTIAL	CR- 0 0 1 MISCELLANEOUS PX- 0 0 1 POLICE PATROL	COMMERCIAL, AGE 28, 206 TUTAL HOURS, 1 IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIRPORT - ANACOSTIA DEPARTURE POINT WASHINGTON, DC TYPE OF ACCIDENT COLLIDED WITH OBJECT	INTENDED DESTINATION LOCAL	PHASE OF OPERATION TAKEOFF VERTICAL	
	PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPE PILOT IN COMMAND - LACK DE REMARKS- R FLOAT/SKID STRUCE	FAMILIARITY WITH AIR		

	DATE LOCA				F	S M/	N	PURPOSE	PILOT DATA
	7/4/74 WASHINGT		BELL 47G4A	CR-	0	0	1	MISCELLANEOUS	COMMERCIAL, FL.INSTR., AGE 39, 1563 TOTAL HOURS, 1221 IN TYPE, NOT INSTRU-
	NAME OF AIRPORT - ANACOSTIA  DEPARTURE POINT INTENDED DESTINATION  WASHINGTON, DC LOCAL  TYPE OF ACCIDENT PHASE OF OPERATION  ENGINE FAILURE OR MALFUNCTION IN FLIGHT OTHER  HARD LANDING LANDING								
	PILOT IN COMMAND PILOT IN COMMAND PARTIAL POWER LOSS EMERGENCY CIRCUMSTA	- IMPROPER - FAILED TO - PARTIAL L NCES - PREC PROF SUSF	POWERPLANT FAILURE F IN-FLIGHT DECISIONS MAINTAIN ADEQUATE R .OSS OF POWER - 1 ENC AUTIONARY LANDING OF PENGINE VIBRATION ECTED MECHANICAL DIS .EXPERIENCED 2ND PWR	OR PL OTOR INE F AIR	ANN R • P POR NCY	ING •M• T			
3-3420		AIRCRAFT	BELL 205A N2970W DAMAGE-DESTROYED	CR- PX-	1 2	0	0	COMMERCIAL AIR TAXI-PASSG	TOTAL HOURS, 1447 IN TYPE, NOT INSTRUMENT
	DEPARTURE POINT INTENDED DESTINATION MCGRATH, ALAS RETURN TYPE OF ACCIDENT MISSING AIRCRAFT, NOT RECOVERED				L P	S L HAS I	JR V E O	ROUTE STOP EY CAMP 5,ALAS F OPERATION WN/NOT REPORTED	RATED.
	PROBABLE CAUSE(S)  MISCELLANEOUS - UNDETERMINED  REMARKS- ACFT DMG & INJURY INDEX PRESUMED.								

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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES	FLIGHT	PILOT DATA
3-1506	4/18/74 TIME - 07	SAN SABASTIAN, PR	BELL 47G2A1 N73264 DAMAGE-DESTROYED INTENDED DESTINATION	CR- 0 1 0 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 38, 2505 TOTAL HOURS, 289 IN TYPE, INSTRUMENT RATED.
	SAN SAB. TYPE OF A	ASTIAN, PR	WIENDED DESILNATION	PHASE O	F OPERATION IGHT SWATH RUN	
	FACTOR(S)		O SEE AND AVOID OBJE	CTS OR OBSTRUCT	IONS	
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HO ELEVATI FIRE AFTE	OURS IN CROP CONTROL CROP — OTHER SEAT BELT — FASTENE — NOT USED CRASHPAD — NOT INST PPER—LOCATION — AFT ON—AREA BEING TREATE R IMPACT	D-PROPERLY ALLED OF PILOT	TYPE OF GLOVES CRASH H CRASH B TERRAIN SWATH R	OPERATION - SPRAYING CHEMICAL USED - LIQUI - NOT USED ELMET - AVAILABLE-USED AR - NOT INSTALLED -TYPE - LEVEL, FLAT UN-HOW FLOWN - WIND CA	D CHEMICAL-TOXIC
3-3958	10/22/74 TIME - 12	LAT 02S,LONG 04E 25	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.
		IRPORT - SHIP HELI F				NATED 6
	TYPE OF A		INTENDED DESTINATION LOCAL UNCONTROLLED		F OPERATION FF VERTICAL	
	MISCELL FACTOR(S) PERSONN MISCELL	N COMMAND - INADEQUA ANEOUS - FOREIGN MAT EL - MISCELLANEOUS-F ANEOUS ACTS, CONDITIO	ATE PREFLIGHT PREPARA ERIAL AFFECTING NORM PERSONNEL GROUND CRE DNS — AIRCRAFT CAME TI ERAR X TUBE NOT RELEA	AL OPERATIONS WMAN O REST IN WATER		

		INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA				
/2/74 GULF OF MEXICO ME - 1605 PARTURE POINT	SIKORSKY S-55 N750A DAMAGE-SUBSTANTIAL INTENDED DESTINATION	CR- 0 0 1 PX- 0 0 5	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 34, 4567 TOTAL HOURS, 210 IN TYPE INSTRUMENT RATED.				
144A MAIN PASS	299C MAIN PASS	DHV2E U	E OPERATION					
· · : : · · - · · - · · - · · · · ·	CTION	IN FLIGHT NORMAL CRUISE LANDING POWER-OFF AUTOROTATIVE LANDING						
FACTOR(S)  TERRAIN - ROUGH WATER								
RTIAL POWER LOSS - PARTI ERGENCY CIRCUMSTANCES -	FORCED LANDING OFF AIRPO	RT ON WATER						
. P F E C C F E	PARTURE POINT 144A MAIN PASS PE OF ACCIDENT NGINE FAILURE OR MALFUNI DITCHING DBABLE CAUSE(S) POWERPLANT - ENGINE STRU MISCELLANEOUS ACTS, CONDI CTOR(S) TERRAIN - ROUGH WATER RIAL POWER LOSS - PARTI ERGENCY CIRCUMSTANCES -	AE - 1605  PARTURE POINT  1 INTENDED DESTINATION  144A MAIN PASS  PE OF ACCIDENT  NGINE FAILURE OR MALFUNCTION  DITCHING  DBABLE CAUSE(S)  POWERPLANT - ENGINE STRUCTURE CYLINDER ASSEMBLY  MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE  CTOR(S)  TERRAIN - ROUGH WATER  RIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENG  PERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPO	AE - 1605  DAMAGE-SUBSTANTIAL  PARTURE POINT  144A MAIN PASS PE OF ACCIDENT  POINT INTENDED DESTINATION  144A MAIN PASS  PHASE OF ACCIDENT  PHASE OF ACCIDENT  PHASE OF ACCIDENT  PHASE OF ACCIDENT  IN FL  LANDI  DBABLE CAUSE(S)  POWERPLANT - ENGINE STRUCTURE CYLINDER ASSEMBLY  MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE  CTOR(S)  TERRAIN - ROUGH WATER  RIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE  PRESENCE OF CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER	N750A PX- 0 0 5 CORP/EXEC  DAMAGE-SUBSTANTIAL INTENDED DESTINATION 144A MAIN PASS POF ACCIDENT ENGINE FAILURE OR MALFUNCTION DITCHING  DABABLE CAUSE(S) POWERPLANT - ENGINE STRUCTURE CYLINDER ASSEMBLY MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE CTOR(S) EFRRAIN - ROUGH WATER RITIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE				

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Involving Rotorcraft

