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Accidents

BRIEFS OF ACCIDENTS INVOLVING ROTORCRAFT

U.S. GENERAL AVIATION

1967

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FOREWORD

This report contains the Briefs of Accidents involving Rotorcraft type aircraft occurring in 1967. There were 265 accidents involving Rotorcraft out of a total of 6,115 General Aviation accidents in 1967. The total accident rate was 49.26 and the fatal accident rate was 5.95 per 100,000 hours flown.

Collisions between aircraft are treated as one accident. A complete analysis and coding is done on each aircraft involved in collisions. This produces two aircraft accident records, one for each aircraft involved in the collision. Consequently, when compiling information on accidents involving collisions between aircraft, the number of accident records will exceed the number of accidents. The injury and cause/factor tables show the number of accidents. All Analytic tables show both records and accidents.

Briefs of Accidents contain the essential items of information which fulfill the requirements of the majority of persons using these reports. However, for those having a need for more detailed information the original factual reports on each accident are on file in the Washington Office of the National Transportation Safety Board. Upon request these reports will be reproduced commercially at an average cost of 15¢ per page for printed matter and 75¢ per page for photographs, plus postage. (Minimum Charge \$1.00).

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Rotorcraft
Helicopters

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

ABBREVIATIONS

MEANING

AERIAL ADVERTISE	AERIAL ADVERTISING
AERIAL APPLIC	AERIAL APPLICATION
AIR SHOW/RACING	AIR SHOW/AIR RACING
AIR TAXI - CARGO	AIR TAXI- CARGO OPERATIONS
AIR TAXI - PASSG	AIR TAXI - PASSENGER OPERATIONS
ASSOC FIRE CTL	ASSOCIATED FIRE CONTROL ACTIVITIES
CARGO NS-D	NONSCHEDULED/CHARTER REVENUE CARGO - DOMESTIC
CARGO NS-I	NONSCHEDULED/CHARTER REVENUE CARGO - INTERNATIONAL
CARGO S-D	SCHEDULED DOMESTIC CARGO SERVICE
CARGO S-I	SCHEDULED INTERNATIONAL CARGO SERVICE
CONSTRUCTION	CONSTRUCTION WORK
CORP/EXEC	CORPORATE/EXECUTIVE
CR-	CREW
CTR CARGO - D	CONTRACT CHARTER - CARGO - DOMESTIC
CTR CARGO - I	CONTRACT CHARTER - CARGO - INTERNATIONAL
CTR PASSG - D	CONTRACT CHARTER - PASSENGER - DOMESTIC
CTR PASSG - I	CONTRACT CHARTER - PASSENGER - INTERNATIONAL
MAPPING/PHOTO	AERIAL MAPPING PHOTOGRAPHY
MIL/CTR CARGO	MILITARY CONTRACT - CARGO
MIL/CTR CARGO D	MILITARY CONTRACT - CARGO - DOMESTIC
MIL/CTR CARGO I	MILITARY CONTRACT - CARGO - INTERNATIONAL
MIL/CTR PASSG	MILITARY CONTRACT - PASSENGER
MIL/CTR PASSG D	MILITARY CONTRACT - PASSENGER - DOMESTIC
MIL/CTR PASSG I	MILITARY CONTRACT - PASSENGER - INTERNATIONAL
NS CTR CARGO	NONSCHEDULED/CHARTER REVENUE CARGO - INTRA-STATE CARRIER
NS CTR PASSG	NONSCHEDULED/CHARTER REVENUE PASSENGER-INTRA-STATE CARRIER
OT-	OTHER AIRCRAFT AND GROUND
OTHER PUBLIC	ALL OTHER PUBLIC FLYING
PARAJUMP	PARACHUTE JUMP
PASSG NS-D	NONSCHEDULED/CHARTER REVENUE PASSENGER - DOMESTIC
PASSG NS-I	NONSCHEDULED/CHARTER REVENUE PASSENGER - INTERNATIONAL
PASSG S-D	SCHEDULED DOMESTIC PASSENGER SERVICE
PASSG S-I	SCHEDULED INTERNATIONAL PASSENGER SERVICE
PX-	PASSENGER
SCHED CARGO SRV	SCHEDULED CARGO SERVICE
SCHED PASSG SRV	SCHEDULED PASSENGER SERVICE
TIME	LOCAL STANDARD TIME OF ACCIDENT
WBP	WEATHER BUREAU PERSONNEL
FSP	FLIGHT SERVICE PERSONNEL

INJURIES, ACCIDENTS
ROTORCRAFT
U. S. GENERAL AVIATION

1967

PAGE IV

	FATAL	SERIOUS	MINOR	NONE	UNKNOWN	TOTAL
PILOT	31	26	35	173		265
COPILOT		1	1	1		3
DUAL STUDENT			2	15		17
CHECK PILOT			1			1
FLIGHT ENGINEER						
NAVIGATOR						
CABIN ATTENDANT		1				1
EXTRA CREW				5		5
PASSENGERS	22	17	26	91		156
TOTAL	53	45	65	285		448
					ABOARD	
OTHER-AIRCRAFT						
OTHER-GROUND		3				3
GRAND TOTAL	53	48	65	285		451

INVOLVES	265	TOTAL	ACCIDENTS
INVOLVES	32	FATAL	ACCIDENTS

ANALYTIC TABLE

KIND OF FLYING BY INJURY INDEX

KIND OF FLYING	INJURY INDEX				RECORDS	ACCIDENTS	PERCENT
	FATAL	SERIOUS	MINOR	NONE			
<u>INSTRUCTIONAL</u>							
DUAL		1	2	16	19	19	7.17
SOLO				2	2	2	.75
CHECK			1		1	1	.38
TRAINING	1			6	7	7	2.64
<u>NONCOMMERCIAL</u>							
PLEASURE	8	8	5	16	37	37	13.96
PRACTICE	2	1	2	4	9	9	3.40
BUSINESS	3	1	2	12	18	18	6.79
CORPORATE/EXECUTIVE		1	1	5	7	7	2.64
AERIAL SURVEY	2	1		4	7	7	2.64
COMPANY FLIGHT							
OTHER				1	1	1	.38
<u>COMMERCIAL</u>							
AERIAL APPLICATION	1	3	7	23	34	34	12.83
ASSOCIATED CROP CONTROL ACTIV		2	2	13	17	17	6.42
FIRE CONTROL				1	1	1	.38
ASSOCIATED FIRE CONTROL ACTIV		1		2	3	3	1.13
AERIAL MAPPING/PHOTOGRAPHY		2		8	10	10	3.77
AERIAL ADVERTISING		1			1	1	.38
POWER AND PIPELINE PATROL	1	1			2	2	.75
FISH SPOTTING							
AIR TAXI-PASSENGER OPERATIONS	4	3	3	13	23	23	8.68
AIR TAXI-CARGO OPERATIONS		1	1		2	2	.75
CONSTRUCTION WORK		2	2	6	10	10	3.77
SCHEDULED PASSENGER SERVICE							
SCHEDULED CARGO SERVICE							
NONSCHEDULED/CHARTER REVENUE							
NONSCHEDULED/CHARTER REVENUE							
MILITARY CONTRACT-PASSENGER				1	1	1	.38
MILITARY CONTRACT-CARGO				1	1	1	.38
CONTRACT/CHARTER-CARGO-DOMEST	1			2	3	3	1.13
CONTRACT/CHARTER-PASSENGER-DO	4	4	3	7	18	18	6.79
CONTRACT/CHARTER-CARGO-INTERN							
CONTRACT/CHARTER-PASSENGER-IN				1	1	1	.38

ANALYTIC TABLE

KIND OF FLYING BY INJURY INDEX

<u>KIND OF FLYING</u>	<u>INJURY INDEX</u>				RECORDS	ACCIDENTS	PERCENT
	FATAL	SERIOUS	MINOR	NONE			
OTHER		2	2		4	4	1.51
UNK/NR							
<u>MISCELLANEOUS</u>							
EXPERIMENTATION			2		2	2	.75
TEST	4	1		5	10	10	3.77
DEMONSTRATION			1	3	4	4	1.51
FERRY				4	4	4	1.51
SEARCH AND RESCUE							
AIR SHOW/AIR RACING							
PARACHUTE JUMP							
PARACHUTE JUMP IN CONNECTION							
TOWING GLIDERS							
SEEDING CLOUDS							
HUNTING							
POLICE PATROL	1			2	3	3	1.13
ALL OTHER PUBLIC FLYING				1	1	1	.38
OTHER				1	1	1	.38
UNK/NR				1	1	1	.38
RECORDS	32	34	34	165	265		
ACCIDENTS	32	34	34	165		265	
PERCENT	12.1	12.8	12.8	62.3			

ANALYTIC TABLE

FIRST TYPE OF ACCIDENT BY AIRCRAFT DAMAGE

FIRST TYPE OF ACCIDENT	AIRCRAFT DAMAGE				RECORDS	ACCIDENTS	PERCENT
	DESTROYED	SUBSTANTIAL	MINOR	NONE			
GROUND-WATER LOOP-SWERVE	1				1	1	.38
DRAINED WINGTIP, POD, OR FLOA							
WHEELS-UP LANDING							
WHEELS-DOWN LANDING IN WATER							
GEAR COLLAPSED	1				1	1	.38
GEAR RETRACTED							
HARD LANDING	1	15			16	16	6.04
NOSE OVER/DOWN	1				1	1	.38
ROLL OVER	13				13	13	4.91
OVERSHOOT							
UNDERSHOOT							
<u>COLLISION BETWEEN AIRCRAFT</u>							
BOTH IN FLIGHT							
ONE AIRBORNE							
BOTH ON GROUND							
<u>COLLISION WITH GROUND/WATER</u>							
CONTROLLED	7	13			20	20	7.55
UNCONTROLLED	8	13			21	21	7.92
<u>COLLIDED WITH</u>							
WIRES/POLES	10	15			25	25	9.43
TREES	2	7			9	9	3.40
RESIDENCE/S							
BUILDING/S	1	1			2	2	.75
FENCE, FENCEPOSTS							
ELECTRONIC TOWERS							
RUNWAY OR APPROACH LIGHTS							
AIRPORT HAZARD							
ANIMALS							
CROP	1	1			2	2	.75
FLAGMAN LOADER							
DITCHES							
SNOWBANK	1				1	1	.38
PARKED AIRCRAFT	1				1	1	.38
AUTOMOBILE	1				1	1	.38
DIRT BANK	1				1	1	.38

ANALYTIC TABLE

FIRST TYPE OF ACCIDENT BY AIRCRAFT DAMAGE

FIRST TYPE OF ACCIDENT	AIRCRAFT DAMAGE				RECORDS	ACCIDENTS	PERCENT
	DESTROYED	SUBSTANTIAL	MINOR	NONE			
OBJECT	2	6			8	8	3.02
BIRD STRIKE							
STALL	3	4			7	7	2.64
SPIN							
SPIRAL							
MUSH	3	6			9	9	3.40
<u>FIRE OR EXPLOSION</u>							
IN FLIGHT							
ON GROUND	1				1	1	.38
<u>AIRFRAME FAILURE</u>							
IN FLIGHT							
ON GROUND		1			1	1	.38
ENGINE TEARAWAY							
ENGINE FAILURE OR MALFUNCTION	10	60			70	70	26.42
<u>PROPELLER/ROTOR FAILURE</u>							
PROPELLER		1			1	1	.38
TAIL ROTOR	4	14			18	18	6.79
MAIN ROTOR	7	4			11	11	4.15
PROPELLER/ROTOR ACCIDENT TO P		3			3	3	1.13
JET INTAKE/EXHAUST ACCIDENT T							
PROPELLER/JET/ROTOR BLAST		1			1	1	.38
TURBULENCE		1			1	1	.38
HAIL DAMAGE TO AIRCRAFT							
LIGHTNING STRIKE							
EVASIVE MANEUVER		1			1	1	.38
UNCONTROLLED ALTITUDE DEVIATI							
DITCHING							
MISSING AIRCRAFT, NOT RECOVER							
MISCELLANEOUS/OTHER	7	10			17	17	6.42
UNDETERMINED	1				1	1	.38
RECORDS	68	197			265		
ACCIDENTS	68	197				265	
PERCENT	25.7	74.3	.0	.0			

ANALYTIC TABLE

FIRST PHASE OF OPERATION BY INJURY INDEX

FIRST OPERATIONAL PHASE	INJURY INDEX				RECORDS	ACCIDENTS	PERCENT
	FATAL	SERIOUS	MINOR	NONE			
<u>STATIC</u>							
STARTING ENGINE/S			1		1	1	.38
IDLING ENGINE/S		1			1	1	.38
ENGINE RUNUP			1		1	1	.38
IDLING ROTORS		2	6		8	8	3.02
PARKED-ENGINES NOT OPERATING							
OTHER			1		1	1	.38
<u>TAXI</u>							
TO TAKEOFF							
FROM LANDING							
OTHER	1				1	1	.38
GROUND TAXI TO TAKEOFF							
GROUND TAXI FROM LANDING							
GROUND TAXI, OTHER			1		1	1	.38
AERIAL TAXI TO TAKEOFF	1		2		3	3	1.13
AERIAL TAXI TO/FROM LANDING			1		1	1	.38
AERIAL TAXI, OTHER			2		2	2	.75
<u>TAKEOFF</u>							
RUN							
INITIAL CLIMB	1	6	3	20	30	30	11.32
VERTICAL		2		9	11	11	4.15
RUNNING			3	1	4	4	1.51
ABORTED							
ABORTED				2	2	2	.75
ABORTED			1	3	4	4	1.51
OTHER			1		1	1	.38
<u>INFLIGHT</u>							
CLIMB TO CRUISE		1			1	1	.38
NORMAL CRUISE	9	7	1	30	47	47	17.74
DESCENDING							
HOLDING							
HOVERING		3		17	20	20	7.55
POWER-ON DESCENT				4	4	4	1.51
AUTOROTATIVE DESCENT		1		2	3	3	1.13
ACROBATICS	1				1	1	.38

ANALYTIC TABLE

FIRST PHASE OF OPERATION BY INJURY INDEX

FIRST OPERATIONAL PHASE	INJURY INDEX				RECORDS	ACCIDENTS	PERCENT
	FATAL	SERIOUS	MINOR	NONE			
BUZZING							
UNCONTROLLED DESCENT	5	1	4	3	13	13	4.91
EMERGENCY DESCENT							
LOW PASS	3			1	4	4	1.51
OTHER	2	1	2	2	7	7	2.64
EN ROUTE TO TREAT CROP		1	2		3	3	1.13
EN ROUTE TO RELOADING AREA							
SURVEY FIELD/AREA							
STARTING SWATH RUN		2	2		4	4	1.51
SWATH RUN	1		3	10	14	14	5.28
FLAREOUT FOR SWATH RUN		1		3	4	4	1.51
PULLUP FROM SWATH RUN				2	2	2	.75
PROCEDURE TURNAROUND			1	7	8	8	3.02
CLEANUP SWATH			1	2	3	3	1.13
MANEUVER TO AVOID OBSTRUCTION							
RETURN TO STRIP							
<u>LANDING</u>							
TRAFFIC PATTERN-CIRCLING	2			2	4	4	1.51
FINAL APPROACH	3	2	1	5	11	11	4.15
INITIAL APPROACH							
FINAL APPROACH							
LEVEL OFF/TOUCHDOWN		1	2	6	9	9	3.40
ROLL							
ROLL-ON/RUN-ON							
POWER-ON LANDING	1	2	4	15	22	22	8.30
POWER-OFF AUTOROTATIVE LANDIN				3	3	3	1.13
GO-AROUND			1	1	2	2	.75
MISSED APPROACH							
OTHER				1	1	1	.38
UNK/NR	3				3	3	1.13
RECORDS	32	34	34	165	265		
ACCIDENTS	32	34	34	165		265	
PERCENT	12.1	12.8	12.8	62.3			

CAUSE/FACTOR TABLE
 ROTORCRAFT ACCIDENTS
 1967

INVOLVES 265 TOTAL ACCIDENTS
 INVOLVES 32 FATAL ACCIDENTS

BROAD CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL*	CAUSE	FACTOR	TOTAL*	CAUSE	FACTOR	TOTAL*
PILOT	21 65.63	2 6.25	21 65.63	176 75.54	8 3.43	176 75.54	197 74.34	10 3.77	197 74.34
PERSONNEL	5 15.63	.00	5 15.63	32 13.73	7 3.00	39 16.74	37 13.96	7 2.64	44 16.60
AIRFRAME	.00	.00	.00	1 .43	.00	1 .43	1 .38	.00	1 .38
LANDING GEAR	.00	.00	.00	1 .43	.00	1 .43	1 .38	.00	1 .38
POWERPLANT	2 6.25	.00	2 6.25	30 12.88	2 .86	32 13.73	32 12.08	2 .75	34 12.83
SYSTEMS	.00	.00	.00	1 .43	.00	1 .43	1 .38	.00	1 .38
INSTRUMENTS/EQUIPMENT AND ACCESSORIES	.00	.00	.00	2 .86	.00	2 .86	2 .75	.00	2 .75
ROTORCRAFT	7 21.88	1 3.13	8 25.00	31 13.30	.00	31 13.30	38 14.34	1 .38	39 14.72
AIRPORTS/AIRWAYS/FACILITIES	.00	.00	.00	.00	.00	.00	.00	.00	.00
WEATHER	2 6.25	3 9.38	5 15.63	11 4.72	24 10.30	35 15.02	13 4.91	27 10.19	40 15.09
TERRAIN	.00	.00	.00	11 4.72	17 7.30	29 12.45	11 4.15	17 6.42	29 10.94
MISCELLANEOUS	.00	.00	.00	11 4.72	2 .86	12 5.15	11 4.15	2 .75	12 4.53
UNDETERMINED	4 12.50	.00	4 12.50	1 .43	.00	1 .43	5 1.89	.00	5 1.89

THE FIGURES OPPOSITE EACH CAUSAL CATEGORY REPRESENT THE NUMBER AND PERCENT OF ACCIDENTS IN WHICH THAT PARTICULAR CAUSAL CATEGORY WAS ASSIGNED

* IF AN ACCIDENT INCLUDES BOTH A CAUSE AND RELATED FACTOR IN THE SAME CAUSAL CATEGORY, THE ACCIDENT IS REPRESENTED ONCE UNDER THE TOTAL FOR THAT CATEGORY

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

1967

INVOLVES 265 TOTAL ACCIDENTS
 INVOLVES 32 FATAL ACCIDENTS

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
** PILOT **									
PILOT IN COMMAND									
ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT				1	1	2	1	1	2
ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL	1		1	5		5	6		6
BECAME LOST/DISORIENTED				1		1	1		1
CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS		1	1	2		2	2	1	3
DELAYED ACTION IN ABORTING TAKEOFF				1		1	1		1
DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT				2	2	4	2	2	4
FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS	4		4	19		19	23		23
FAILED TO OBTAIN/MAINTAIN FLYING SPEED	1		1	11		11	12		12
FAILED TO MAINTAIN ADEQUATE ROTOR RPM	2		2	17	1	18	19	1	20
FAILED TO USE OR INCORRECTLY USED MISC EQUIPMENT				1	1	2	1	1	2
FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES ETC				1		1	1		1
IMPROPER OPERATION OF POWERPLANT + POWERPLANT CONTROLS	2		2	10	1	11	12	1	13
IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS				2		2	2		2
IMPROPER OPERATION OF FLIGHT CONTROLS	10		10	41	1	42	51	1	52
IMPROPER LEVEL OFF				15		15	15		15
IMPROPER IN-FLIGHT DECISIONS OR PLANNING	1		1	1		1	2		2
IMPROPER COMPENSATION FOR WIND CONDITIONS				8		8	9		8
INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING	3		3	38		38	41		41
INADEQUATE SUPERVISION OF FLIGHT				8		8	8		8
LACK OF FAMILIARITY WITH AIRCRAFT	2	1	3	1	1	2	3	2	5
MISMANAGEMENT OF FUEL SYSTEM				5		5	5		5
EXERCISED POOR JUDGMENT				5		5	5		5
SELECTED UNSUITABLE TERRAIN				7		7	7		7
IMPROPER STARTING PROCEDURES				1		1	1		1
STARTED ENGINE WITHOUT PROPER ASSISTANCE/EQUIPMENT	1		1				1		1
SPONTANEOUS-IMPROPER ACTION	1		1	3		3	4		4
MISJUDGED DISTANCE AND SPEED				1		1	1		1
MISJUDGED DISTANCE				1		1	1		1
MISJUDGED SPEED AND ALTITUDE				5		5	5		5
MISJUDGED SPEED					1	1		1	1
MISJUDGED ALTITUDE				3		3	3		3
MISJUDGED CLEARANCE	1		1	13		13	14		14
INCAPACITATION	1		1				1		1
SPATIAL DISORIENTATION				1		1	1		1
LEFT AIRCRAFT UNATTENDED ENGINE RUNNING				2		2	2		2
FAILED TO MAINTAIN DIRECTIONAL CONTROL				1		1	1		1
DIRECT ENTRIES				5		5	5		5
SUBTOTAL	30	2	32	238	9	247	268	11	279
DUAL STUDENT									
IMPROPER OPERATION OF POWERPLANT + POWERPLANT CONTROLS				1		1	1		1
IMPROPER OPERATION OF FLIGHT CONTROLS				4		4	4		4
IMPROPER LEVEL OFF				2		2	2		2
IMPROPER COMPENSATION FOR WIND CONDITIONS				1		1	1		1
MISJUDGED ALTITUDE				1		1	1		1
SUBTOTAL				9		9	9		9
** PERSONNEL **									
FLIGHT INSTRUCTOR									
MAINTENANCE, SERVICING, INSPECTION									
IMPROPER MAINTENANCE(MAINTENANCE PERSONNEL)				2	1	3	2	1	3
IMPROPER MAINTENANCE(OWNER PERSONNEL)				3		3	3		3
IMPROPERLY SERVICED AIRCRAFT(GROUND CREW)				3		3	3		3
IMPROPERLY SERVICED AIRCRAFT(OWNER-PILOT)				1		1	1		1
INADEQUATE MAINTENANCE AND INSPECTION	1		1	17	4	21	18	4	22
OPERATIONAL SUPERVISORY PERSONNEL									
DEFICIENCY, COMPANY MAINTAINED EQMT, SERV, REGULATIONS				2		2	2		2

CAUSE/FACTOR TABLE

PERSONNEL (CONTINUED)

	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
WEATHER PERSONNEL									
TRAFFIC CONTROL PERSONNEL									
AIRPORT SUPERVISORY PERSONNEL									
AIRWAYS FACILITIES PERSONNEL									
PRODUCTION-DESIGN									
SUBSTANDARD QUALITY CONTROL	1		1				1		1
POOR/INADEQUATE DESIGN	1		1	1		1	2		2
MISCELLANEOUS-PERSONNEL									
GROUND SIGNALMAN					1	1		1	1
GROUND CREWMAN				1		1	1		1
PASSENGER				3		3	3		3
OTHER	1		1		1	1	1	1	2
DIRECT ENTRIES	1		1				1		1
THIRD PILOT									
FLIGHT ENGINEER									
DISPATCHING									
SUBTOTAL	5		5	33	7	40	38	7	45
** AIRFRAME **									
WINGS									
FUSELAGE									
WINDSHIELDS, WINDOWS, CANOPIES				1		1	1		1
LANDING GEAR									
MAIN GEAR-SHOCK ABSORBING ASSY, STRUTS, ATTACHMENTS, ETC				1		1	1		1
FLIGHT CONTROL SURFACES									
SUBTOTAL				2		2	2		2
** POWERPLANT **									
ENGINE STRUCTURE									
MASTER AND CONNECTING RODS				4		4	4		4
PISTON, PISTON RINGS				4		4	4		4
VALVE ASSEMBLIES				2		2	2		2
IGNITION SYSTEM									
SPARK PLUG				3		3	3		3
FUEL SYSTEM									
FILTERS, STRAINERS, SCREENS				1		1	1		1
PRIMING SYSTEM				1		1	1		1
CARBURETOR				4		4	4		4
PUMPS				2		2	2		2
LUBRICATING SYSTEM									
COOLING SYSTEM									
PROPELLER AND ACCESSORIES									
BLADES				1		1	1		1
EXHAUST SYSTEM									
GASKETS				1		1	1		1
CLAMPS				1		1	1		1
EXTERNAL SUPERCHARGER				1		1	1		1
ENGINE ACCESSORIES									
ENGINE CONTROLS-COCKPIT									
POWERPLANT-INSTRUMENTS									
FUEL QUANTITY GAUGE					2	2		2	2
MISCELLANEOUS									
POWERPLANT FAILURE FOR UNDETERMINED REASONS	1		1	9		9	10		10
OTHER	1		1				1		1
DIRECT ENTRIES				1		1	1		1
REDUCTION GEAR ASSEMBLY									
COMPRESSOR ASSEMBLY									
COMBUSTION ASSEMBLY									
TURBINE ASSEMBLY									
ACCESSORY DRIVE ASSEMBLY									
LUBRICATING SYSTEM									
FUEL SYSTEM									
SAFETY SYSTEM									
IGNITION SYSTEM									
TORQUEMETER									
AIR BLEED									
EXHAUST SYSTEM									
THRUST REVERSER									

CAUSE/FACTOR TABLE

POWERPLANT (CONTINUED)

	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
PROPELLER SYSTEM									
CONSTANT SPEED DRIVE									
POWER LEVER									
PROPELLER LEVER									
REVERSE THRUST LEVER									
ENGINE INDICATING EQUIPMENT									
ENGINE INSTALLATION									
SUBTOTAL	2		2	35	2	37	37	2	39
** SYSTEMS **									
ELECTRICAL SYSTEM									
HYDRAULIC SYSTEM									
FLIGHT CONTROL SYSTEMS									
RUDDER AND RUDDER TAB CONTROL SYSTEM				1		1	1		1
ANTI-ICING, DE-ICING SYSTEMS									
AIR CONDITION, HEATING AND PRESSURIZATION									
AUTO PILOT									
FIRE WARNING SYSTEM									
FIRE EXTINGUISHER SYSTEM									
OXYGEN SYSTEM									
OTHER SYSTEMS									
SUBTOTAL				1		1	1		1
** INSTRUMENTS/EQUIPMENT AND ACCESSORIES **									
FLIGHT AND NAVIGATION INSTRUMENTS									
COMMUNICATIONS AND NAVIGATION EQUIPMENT									
MISCELLANEOUS EQUIPMENT									
SPRAY, DUSTING EQUIPMENT				1		1	1		1
OTHER				1		1	1		1
DIRECT ENTRIES				1		1	1		1
SUBTOTAL				3		3	3		3
** ROTORCRAFT **									
ROTOR ASSEMBLIES									
MAIN ROTOR BLADES	1		1				1		1
TAIL ROTOR BLADES	2	1	3	5		5	7	1	8
MAIN ROTOR HEAD ASSEMBLIES	3		3				3		3
BEARINGS	1		1	1		1	2		2
OTHER				1		1	1		1
TRANSMISSION ROTOR DRIVE SYSTEM									
ENGINE DRIVE SHAFT				1		1	1		1
FREE WHEEL UNIT				1		1	1		1
MAIN ROTOR PULLEYS, BELTS				1		1	1		1
TAIL ROTOR DRIVE SHAFT ASSEMBLY				3		3	3		3
CLUTCH ASSEMBLY				8		8	8		8
OTHER				2		2	2		2
FLIGHT CONTROL SYSTEMS									
CYCLIC PITCH CONTROL SYSTEM				1		1	1		1
COLLECTIVE PITCH CONTROL SYSTEM				1		1	1		1
TAIL ROTOR PITCH CONTROL SYSTEM				3		3	3		3
STABILIZING SURFACES-DAMPERS				1		1	1		1
OTHER				1		1	1		1
MISCELLANEOUS UNITS AND ASSEMBLIES									
TAIL BOOMS/PYLONS/CONES				2		2	2		2
DIRECT ENTRIES	3		3	4		4	7		7
SUBTOTAL	10	1	11	36		36	46	1	47
** WEATHER **									
LOW CEILING		1	1		1	1		2	2
FOG					3	3		3	3
CONDITIONS CONDUCTIVE TO CARB/INDUCTION SYSTEM ICING	1		1				1		1
UNFAVORABLE WIND CONDITIONS	1	2	3	5	14	19	6	16	22
SUDDEN WINDSHIFT				2	2	4	2	2	4
DOWNDRAFTS, UPDRAFTS				1		1	1		1

CAUSE/FACTOR TABLE

WEATHER (CONTINUED)

	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
HIGH TEMPERATURE					2	2		2	2
OBSTRUCTIONS TO VISION				1		1	1		1
HIGH DENSITY ALTITUDE				3	5	8	3	5	8
SUBTOTAL	2	3	5	12	27	39	14	30	44
** TERRAIN **									
WET, SOFT GROUND				1	2	3	1	2	3
SNOW-COVERED					2	2		2	2
HIGH VEGETATION					1	1		1	1
HIDDEN OBSTRUCTIONS				2		2	2		2
ROUGH/UNEVEN				1	4	5	1	4	5
GLASSY WATER					1	1		1	1
HIGH OBSTRUCTIONS				6	6	12	6	6	12
SANDY				1	1	2	1	1	2
OTHER					2	2		2	2
SUBTOTAL				11	19	30	11	19	30
** MISCELLANEOUS **									
VORTEX TURBULENCE				1		1	1		1
PROP/JET BLAST				1		1	1		1
EVASIVE MANEUVER TO AVOID COLLISION					2	2		2	2
UNQUALIFIED PERSON OPERATED AIRCRAFT				2		2	2		2
FOREIGN OBJECT DAMAGE				1		1	1		1
FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS				5		5	5		5
UNDETERMINED	4		4	1		1	5		5
DIRECT ENTRIES				1		1	1		1
SUBTOTAL	4		4	12	2	14	16	2	18
GRAND TOTAL	53	6	59	392	66	458	445	72	517
** MISCELLANEOUS ACTS, CONDITIONS **									
IMPROPER OPER/FAILED TO USE CARB HEAT/DE-ICING EQUIP	1		1				1		1
IMPROPER EMERGENCY PROCEDURES	2		2	2		2	4		4
UNWARRANTED LOW FLYING	1		1		1	1	1	1	2
INATTENTIVE TO FUEL SUPPLY	1		1	6	1	7	7	1	8
POORLY PLANNED APPROACH				1	2	3	1	2	3
MISCALCULATED FUEL CONSUMPTION				2	1	3	2	1	3
JETTISONED LOAD					1	1		1	1
STOLEN OR UNAUTHORIZED USE OF AIRCRAFT					3	3		3	3
IMPROPERLY SECURED				1		1	1		1
FATIGUE FRACTURE	4		4	10		10	14		14
FUEL GRADE-IMPROPER					1	1		1	1
IMPROPER GRADE OIL-LUBRICATING SYSTEM					1	1		1	1
WRONG PART				1		1	1		1
IMPROPER ALIGNMENT/ADJUSTMENT				2		2	2		2
SEPARATION IN FLIGHT		9	9		7	7		16	16
LATERAL IMBALANCE				3		3	3		3
CONGESTED TRAFFIC-PATTERN OR RAMP					1	1		1	1
PILOT FATIGUE				1	1	2	1	1	2
FUEL EXHAUSTION	1		1	16		16	17		17
FUEL CONTAMINATION-EXCLUSIVE OF WATER IN FUEL				1		1	1		1
CARBON MONOXIDE POISONING		1	1					1	1
IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR CG				3	1	4	3	1	4
INTERFERENCE WITH FLIGHT CONTROLS				1		1	1		1
WHITEOUT				1		1	1		1
SUNGLARE				1	2	3		2	3
LACK OF LUBRICATION-SPECIFIC PART, NOT SYSTEM				1	2	3	1	2	3
SIMULATED CONDITIONS				2	6	8	2	6	8
WATER IN FUEL				3		3	3		3
AIRCRAFT CAME TO REST IN WATER		4	4		7	7		11	11
MISSING				1		1	1		1
OVERLOAD FAILURE	1	2	3	7	6	13	8	8	16
MATERIAL FAILURE	1		1	14		14	15		15
FUEL STARVATION				6		6	6		6

CAUSE/FACTOR TABLE

MISCELLANEOUS ACTS, CONDITIONS (CONTINUED)

	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
OIL STARVATION				2		2	2		2
IMPROPER CLEARANCE-TOLERANCE				1		1	1		1
FUEL SELECTOR POSITIONED BETWEEN TANKS				1		1	1		1
LEAK/LEAKAGE				1	1	2	1	1	2
DOWNDOWN					6	6		6	6
CARBON DEPOSITS				3		3	3		3
UNDER TORQUED				1		1	1		1
LOOSE, PART/FITTING					1	1		1	1
GROUND RESONANCE				2		2	2		2
BENT				1		1	1		1
BINDING				2		2	2		2
BURNED				1		1	1		1
DISCONNECTED				2		2	2		2
EXCESSIVE				1		1	1		1
ERRATIC					1	1		1	1
IMPROPERLY INSTALLED				1		1	1		1
JAMMED				1		1	1		1
OBSTRUCTED				1		1	1		1
OVERHEATED				2	1	3	2	1	3
PRESSURE TOO LOW					1	1		1	1
SHEARED				1		1	1		1
VIBRATION, EXCESSIVE					1	1		1	1

DIRECT ENTRY CAUSES

PERSONNEL-ROTOR SPINDLE NOT MADE TO SPECIFICATIONS
 PILOT-LOSS OF CONTROL FOR UNDERMINED CAUSE.
 PILOT-FAILED TO DETECT WINDSHIFT.
 ROTORCFT-CLUTCH SLIPPAGE FOR UNDETERMINED CAUSE.
 PILOT-ATTEMPTED OPERATION BEYOND ACFT CAPABILITY.
 EQUIP-RIGHT HOPPER DID NOT DISCHARGE.
 PWR PLT-NO.2 CYL CON ROD CAP BOLT FAILED.
 ROTORCFT-ANTI-TORQUE CONTROL LOSS-CAUSE UNDETERMND.
 PILOT-LOSS OF CONTROL DUE TO IMPROPER LIFT OFF.
 ROTORCFT-INTERMEDIATE DRIVE SHAFT RIVETS SHEARED.
 PILOT-PARKED TOO CLOSE TO OBSTRUCTION.
 MISC-FLOCK OF BIRDS ROSE INTO TAKEOFF PATH OF ACFT
 ROTORCFT-TAILROTOR ASSY FAILURE UNDETERMINED CAUSE
 ROTORCFT-CLUTCH SLIPPAGE DUE GLAZED FRICTION SHOES
 ROTORCFT-M/R CLEVIS BEARINGS SEIZED.
 ROTORCFT-HIGH BLADE FLAPPING AND INPLANE LOADS.

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

NATIONAL TRANSPORTATION SAFETY BOARD

DEPARTMENT OF TRANSPORTATION

WASHINGTON, D. C. 20591

BRIEFS OF ROTORCRAFT ACCIDENTS

U. S. GENERAL AVIATION

1967

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
2-0003	1/1/67 TIME - 1235	MIAMI, FLA	BELL 47D1 N-4253A DAMAGE - SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL MAPPING/PHOTO	COMMERCIAL, FL. INSTR., AGE 57, 6000 TOTAL HOURS, 800 IN TYPE.
<p>TYPE OF ACCIDENT</p> <p>ENGINE FAILURE OR MALFUNCTION</p> <p>DITCHING</p> <p>PHASE OF OPERATION</p> <p>INFLIGHT NORMAL CRUISE</p> <p>LANDING POWER-OFF AUTOROTATIVE LANDING</p> <p>PROBABLE CAUSE</p> <p>PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING</p> <p>MISCELLANEOUS ACTS, CONDITIONS - FUEL EXHAUSTION</p> <p>FACTOR</p> <p>MISCELLANEOUS ACTS, CONDITIONS - MISCALCULATED FUEL CONSUMPTION</p> <p>MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER</p> <p>EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER</p>						
2-0006	1/2/67 TIME - 1515	TRENTON, NJ	HUGHES 269A N-8835F DAMAGE - SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE	PRIVATE, AGE 48, 189 TOTAL HOURS, 83 IN TYPE.
<p>TYPE OF ACCIDENT</p> <p>ENGINE FAILURE OR MALFUNCTION</p> <p>HARD LANDING</p> <p>PHASE OF OPERATION</p> <p>INFLIGHT NORMAL CRUISE</p> <p>LANDING POWER-OFF AUTOROTATIVE LANDING</p> <p>PROBABLE CAUSE</p> <p>PILOT IN COMMAND - MISMANAGEMENT OF FUEL SYSTEM</p> <p>MISCELLANEOUS ACTS, CONDITIONS - <u>INATTENTIVE TO FUEL SUPPLY</u></p> <p>MISCELLANEOUS ACTS, CONDITIONS - FUEL EXHAUSTION</p> <p>PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE</p> <p>EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND</p>						

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA
				F	S	M/N		
2-0029	1/15/67 TIME - 1430	W.BLOOMFIELD MICH	HUGHES 269A N-8889F DAMAGE -SUBSTANTIAL	CR- PX-	0 0 1 0 0 0		INSTRUCTIONAL TRAINING	STUDENT, AGE 38, 28 TOTAL HOURS, 18 IN TYPE.
TYPE OF ACCIDENT HARD LANDING GEAR COLLAPSED				PHASE OF OPERATION LANDING POWER-ON LANDING LANDING POWER-ON LANDING				
PROBABLE CAUSE PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS PILOT IN COMMAND - SPONTANEOUS-IMPROPER ACTION PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS								
FACTOR WEATHER - UNFAVORABLE WIND CONDITIONS MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE WEATHER BRIEFING - NO BRIEFING RECEIVED EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT DIRECTIONAL CONTROL PROBLEM								
REMARKS- AT 3 FT HOVER OVER FROZEN LAKE PLT TURNED DOWNWIND TO RT,SPUN TO RT,DOWNED COLLECTIVE TOO RAPIDLY.								
2-0030	1/28/67 TIME - 1630	CHINO CALIF	BENSEN B-8H N-9677Z DAMAGE -DESTROYED	CR- PX-	1 0 0 0 0 0		NONCOMMERCIAL PLEASURE	STUDENT, AGE 36, 39 TOTAL HOURS, ALL IN TYPE.
TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE MAIN ROTOR COLLISION WITH GROUND/WATER UNCONTROLLED				PHASE OF OPERATION TAKEOFF INITIAL CLIMB INFLIGHT UNCONTROLLED DESCENT				
PROBABLE CAUSE ROTOR ASSEMBLIES - MAIN ROTOR HEAD ASSEMBLIES MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE PERSONNEL-ROTOR SPINDLE NOT MADE TO SPECIFICATIONS								
FACTOR MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT								
REMARKS- BUILDER OF N9677Z NOT DETERMINED.								
2-0031	1/29/67 TIME - 1130	WAVERLY NEBR	BRANTLY B-2 N-5940X DAMAGE -DESTROYED	CR- PX-	0 1 0 0 0 1		NONCOMMERCIAL PLEASURE	PRIVATE, AGE 47, 689 TOTAL HOURS, 88 IN TYPE.
TYPE OF ACCIDENT COLLISION WITH GROUND/WATER CONTROLLED				PHASE OF OPERATION INFLIGHT OTHER				
PROBABLE CAUSE PILOT IN COMMAND - MISJUDGED CLEARANCE								
FACTOR PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT								
REMARKS- PLT WAS SPOTTING COYOTES FOR GROUND PARTY.								

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA
				F	S	M/N		
2-0032	2/5/67 TIME - 1240	CADDO MILLS TEX	BENSEN B8M N-6519A DAMAGE -DESTROYED	CR- PX-	1 0	0 0	NONCOMMERCIAL PRACTICE	STUDENT, AGE 32, 43 TOTAL HOURS, NONE IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION					
COLLISION WITH GROUND/WATER UNCONTROLLED			INFLIGHT UNCONTROLLED DESCENT					
PROBABLE CAUSE								
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS								
PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT								
FACTOR								
WEATHER - UNFAVORABLE WIND CONDITIONS								
MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT								
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE								
WEATHER BRIEFING - NO BRIEFING RECEIVED								
REMARKS- ACFT MADE 2 SHORT HOPS THEN CLIMBED TO APPROX 500 FT-CRASHED INVERTED.WIND GUSTING TO 18 KTS.								
2-0033	2/2/67 TIME - 1615	PACOIMA,CALIF	BELL 47D1 N-30886 DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	1 1 COMMERCIAL MAPPING/PHOTO	COMMERCIAL, AGE 26, 525 TOTAL HOURS, 425 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION					
ENGINE FAILURE OR MALFUNCTION			INFLIGHT NORMAL CRUISE					
COLLIDED WITH WIRES/POLES			LANDING POWER-OFF AUTOROTATIVE LANDING					
PROBABLE CAUSE								
PILOT IN COMMAND - MISMANAGEMENT OF FUEL SYSTEM								
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION								
TERRAIN - HIGH OBSTRUCTIONS								
FACTOR								
PILOT IN COMMAND - ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT								
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND								
REMARKS- FUEL GUAGE INOPERATIVE. PLT ATTEMPTED FORCED LANDING ON CITY STREET.								
2-0034	2/7/67 TIME - 1100	NR.PEACH SPRING,ARIZ	BELL 47G-3B N-73234 DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	1 2 COMMERCIAL CTR PASSG - D	COMMERCIAL, AGE 28, 850 TOTAL HOURS, 650 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION					
COLLISION WITH GROUND/WATER UNCONTROLLED			INFLIGHT UNCONTROLLED DESCENT					
PROBABLE CAUSE								
WEATHER - UNFAVORABLE WIND CONDITIONS								
WEATHER BRIEFING - NO BRIEFING RECEIVED								
REMARKS- PLT ENCOUNTERED STRONG DOWNDRAFT DURING LNDG ATTEMPT ON MOUNTAIN TOP. WIND 25,GUSTING TO 30 KNOTS.								

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA
				F	S	M/N		
2-0035	2/8/67 TIME - 0640	SANTA ANA CALIF	BELL 47G-3B N-8483E DAMAGE -DESTROYED	CR- PX-	0 0	0 0	1 0 COMMERCIAL AERIAL APPLIC	COMMERCIAL, AGE 25, 1638 TOTAL HOURS, 200 IN TYPE.
TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES			PHASE OF OPERATION INFLIGHT SWATH RUN					
PROBABLE CAUSE PILOT IN COMMAND - MISJUDGED CLEARANCE FIRE AFTER IMPACT REMARKS- RETREATING ROTOR BLADE STRUCK POLE.								
2-0036	2/14/67 TIME - 1420	DONELSON TENN	BELL 47G-2 N-6746D DAMAGE -SUBSTANTIAL	CR- PX- OT-	0 0 0	0 0 1	1 0 COMMERCIAL ASSOC FIRE CTL	COMMERCIAL, AGE 44, 2820 TOTAL HOURS, 1620 IN TYPE.
TYPE OF ACCIDENT PROPELLER/ROTOR ACCIDENT TO PERSON			PHASE OF OPERATION STATIC IDLING ROTORS					
PROBABLE CAUSE MISCELLANEOUS-PERSONNEL - PASSENGER REMARKS- PASSENGER DEPLANED AND WALKED INTO TAIL ROTOR.								
2-0037	2/16/67 TIME - 1205	SUNLAND CALIF	LOCKHEED L-286 N-265LC DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	2 2 MISCELLANEOUS DEMONSTRATION	AIRLINE TRANSPORT, AGE 53, 12000 TOTAL HOURS, 80 IN TYPE.
TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES			PHASE OF OPERATION INFLIGHT NORMAL CRUISE					
PROBABLE CAUSE PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS REMARKS- CO-PLT WAS MILITARY RATED. PLT PULLED UP TO CLEAR RIDGE OF CANYON.								
2-0039	1/4/67 TIME - 1400	NR.POMEROY,WASH	BELL 47G-3B N-73919 DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	1 0 MISCELLANEOUS DEMONSTRATION	COMMERCIAL, AGE 40, 10000 TOTAL HOURS, 2500 IN TYPE.
TYPE OF ACCIDENT HARD LANDING MISCELLANEOUS			PHASE OF OPERATION LANDING POWER-OFF AUTOROTATIVE LANDING LANDING POWER-OFF AUTOROTATIVE LANDING					
PROBABLE CAUSE PILOT IN COMMAND - IMPROPER LEVEL OFF PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS FACTOR MISCELLANEOUS ACTS,CONDITIONS - SIMULATED CONDITIONS REMARKS- DEMONSTRATION FLT. ACFT TOUCHED DOWN WITH FWD SPEED,PLT OVERCORRECTED,MAIN ROTOR SEVERED TAIL BOOM								

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
2-0065	1/4/67 TIME - 1405	GLENWOOD SPG,COLD	BELL 47G-38 N-8575F DAMAGE -SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL WILD LIFE SURVEY	COMMERCIAL, AGE 44, 10000 TOTAL HOURS, 2500 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION			
ENGINE FAILURE OR MALFUNCTION			INFLIGHT NORMAL CRUISE			
HARD LANDING			LANDING POWER-OFF AUTOROTATIVE LANDING			
PROBABLE CAUSE						
POWERPLANT - ENGINE STRUCTURE - PISTON,PISTON RINGS						
MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE						
PILOT IN COMMAND - IMPROPER LEVEL OFF						
REMARKS- PISTON PIN NO.6 CYLINDER FAILED.						
2-0066	1/5/67 TIME - 1728	BLOOMINGTON,CALIF	HUGHES 269B N-9301F DAMAGE -SUBSTANTIAL	CR- 0 1 0 PX- 0 1 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL,FL.INSTR., AGE 27, 733 TOTAL HOURS, 377 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION			
COLLIDED WITH WIRES/POLES			LANDING FINAL APPROACH			
PROBABLE CAUSE						
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING						
MISCELLANEOUS ACTS,CONDITIONS - MISCALCULATED FUEL CONSUMPTION						
MISCELLANEOUS ACTS,CONDITIONS - INATTENTIVE TO FUEL SUPPLY						
TERRAIN - HIGH OBSTRUCTIONS						
EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT						
LOW ON FUEL						
REMARKS- LOW FUEL WARNING LIGHT CAME ON-PRECAUTIONARY LANDING ATTEMPTED-WIRES NOT SEEN DUE TO DARKNESS.						
2-0069	1/10/67 TIME - 0850	GRANDE ISLE LA	BELL 47J N-2861B DAMAGE -SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL CTR CARGO - D	COMMERCIAL, AGE 44, 5961 TOTAL HOURS, 458 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION			
MISCELLANEOUS			STATIC IDLING ROTORS			
PROBABLE CAUSE						
PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC						
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS						
WEATHER - UNFAVORABLE WIND CONDITIONS						
WEATHER BRIEFING - NO BRIEFING RECEIVED						
WEATHER FORECAST - UNKNOWN						
REMARKS- WIND 30 KTS GUSTING TO 35 KTS.HIGH WIND SHUT DOWN PROCEDURE NOT USED.MAIN ROTOR SEVERED TAIL BOOM.						
2-0071	1/12/67 TIME - 0850	E.LOS ANGELES,CAL	BELL 47G-5 N-8586F DAMAGE -SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PRACTICE	COMMERCIAL, AGE 37, 982 TOTAL HOURS, 532 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION			
COLLISION WITH GROUND/WATER CONTROLLED			LANDING POWER-ON LANDING			
PROBABLE CAUSE						
PILOT IN COMMAND - MISJUDGED CLEARANCE						
REMARKS- TAIL-BOOM STRUCK GROUND DURING POWER RECOVERY FROM PRACTICE AUTOROTATION.						

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA
				F	S	M/N		
2-0073	1/15/67 TIME - 1410	FAIRHAVEN MICH	HILLER UH-128 N-5304V DAMAGE -DESTROYED	CR- PX-	0 0	1 2	COMMERCIAL CTR PASSG - D	COMMERCIAL, AGE 34, 258 TOTAL HOURS, 50 IN TYPE.
TYPE OF ACCIDENT STALL MUSH ROLL OVER				PHASE OF OPERATION LANDING GO-AROUND LANDING ROLL-ON/RUN-ON				
PROBABLE CAUSE PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED								
FACTOR PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT								
MISCELLANEOUS ACTS,CONDITIONS - CONGESTED TRAFFIC-PATTERN OR RAMP								
MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND								
REMARKS- LNDG ON FROZEN LAKE-SAW PARACHUTIST-MADE LOW,SLOW,DOWNWIND TURN,SETTLED TO SURFACE,SLID INTO SHORE.								
2-0078	2/19/67 TIME - 1138	FT.LAUDERDALE,FLA	BELL 47G-2 N-24878 DAMAGE -SUBSTANTIAL	CR- PX-	0 0	1 0	MISCELLANEOUS UNKNOWN	AGE UNKNOWN, UNKNOWN TOTAL HOURS, UNKNOWN IN TYPE.
TYPE OF ACCIDENT COLLISION WITH GROUND/WATER UNCONTROLLED				PHASE OF OPERATION TAKEOFF VERTICAL				
PROBABLE CAUSE PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS								
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS								
FACTOR MISCELLANEOUS ACTS,CONDITIONS - STOLEN OR UNAUTHORIZED USE OF AIRCRAFT								
REMARKS- AFTER LIFT OFF ACFT SPUN TO THE RIGHT AND CRASHED ABOUT 40 FT AWAY.PLT RAN FROM SCENE,DISAPPEARED.								
2-0079	2/21/67 TIME - 0830	RIVERTON,WYO	BELL 47G381 N-8537F DAMAGE -SUBSTANTIAL	CR- PX-	0 0	1 0	MISCELLANEOUS TEST	COMMERCIAL, AGE 30, 1400 TOTAL HOURS, 800 IN TYPE.
TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING				PHASE OF OPERATION LANDING TRAFFIC PATTERN-CIRCLING LANDING POWER-OFF AUTOROTATIVE LANDING				
PROBABLE CAUSE POWERPLANT - MISCELLANEOUS - POWERPLANT FAILURE FOR UNDETERMINED REASONS								
PILOT IN COMMAND - IMPROPER LEVEL OFF								
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND								
REMARKS- PLT LANDED ACFT ON AFT PART OF SKIDS. ROTOR BLADE STRUCK TAIL BOOM.								
2-0080	2/27/67 TIME - 1330	RUTHERFORD,NJ	HUGHES 269A-1 N-8950F DAMAGE -DESTROYED	CR- PX-	0 0	2 0	INSTRUCTIONAL DUAL	COMMERCIAL,FL.INSTR., AGE 23, 1208 TOTAL HOURS, 296 IN TYPE.
TYPE OF ACCIDENT COLLISION WITH GROUND/WATER CONTROLLED				PHASE OF OPERATION INFLIGHT HOVERING				
PROBABLE CAUSE DUAL STUDENT - IMPROPER OPERATION OF FLIGHT CONTROLS								
PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT								
REMARKS- STUDENTS FIRST HELICOPTER FLIGHT-WAS HANDLING CYCLIC CONTROL ONLY.ACFT FLOAT EQUIPPED.								

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA
				F	S	M/N		
2-0081	3/1/67	ESTES PARK, COLO	BELL 47G3B1 N-8541F DAMAGE - DESTROYED	CR- 0 PX- 0	1 0	0 2	COMMERCIAL CTR PASSG - D	COMMERCIAL, FL. INSTR., AGE 44, 10000 TOTAL HOURS, 2500 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION					
MISCELLANEOUS			INFLIGHT			NORMAL CRUISE		
COLLISION WITH GROUND/WATER UNCONTROLLED			INFLIGHT			UNCONTROLLED DESCENT		
PROBABLE CAUSE								
PILOT IN COMMAND -			IMPROPER OPERATION OF FLIGHT CONTROLS					
PILOT IN COMMAND -			SPONTANEOUS-IMPROPER ACTION					
FACTOR								
TERRAIN -			HIGH OBSTRUCTIONS					
REMARKS- PLT APPLIED CYCLIC CONTROL ABRUPTLY TO AVOID WIRES. MAIN ROTOR BLADE SEVERED TAIL ROTOR DRIVE SHAFT								
2-0082	3/2/67	FONTANA, CALIF	BENSEN B-8 N-1697 DAMAGE - SUBSTANTIAL	CR- 0 PX- 0	0 0	1 0	NONCOMMERCIAL PRACTICE	STUDENT, AGE 52, 2800 TOTAL HOURS, 9 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION					
ENGINE FAILURE OR MALFUNCTION			LANDING			TRAFFIC PATTERN-CIRCLING		
COLLISION WITH GROUND/WATER CONTROLLED			LANDING			POWER-OFF AUTOROTATIVE LANDING		
PROBABLE CAUSE								
POWERPLANT - ENGINE STRUCTURE -			PISTON, PISTON RINGS					
MISCELLANEOUS ACTS, CONDITIONS -			BURNED					
MISCELLANEOUS ACTS, CONDITIONS -			MATERIAL FAILURE					
PILOT IN COMMAND -			EXERCISED POOR JUDGMENT					
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND								
REMARKS- PLT ATTEMPTED TO RETURN TO AIRPORT UPON POWER LOSS, ENGINE SEIZED. NO. 3 PISTON FAILED.								
2-0085	3/3/67	MANSFIELD TEX	BRANTLY B-2B N-2189U DAMAGE - SUBSTANTIAL	CR- 0 PX- 0	0 0	1 1	NONCOMMERCIAL PLEASURE	PRIVATE, AGE 19, 91 TOTAL HOURS, ALL IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION					
HARD LANDING			LANDING			POWER-ON LANDING		
ROLL OVER			LANDING			POWER-ON LANDING		
PROBABLE CAUSE								
PILOT IN COMMAND -			FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.					
PILOT IN COMMAND -			IMPROPER COMPENSATION FOR WIND CONDITIONS					
WEATHER -			UNFAVORABLE WIND CONDITIONS					
WEATHER BRIEFING - BRIEFED BY FSP, BY PHONE								
WEATHER FORECAST - UNKNOWN								
REMARKS- WIND 15 KNOTS, GUSTING TO 25 KNOTS, LOST CONTROL TRYING TO TURN INTO THE WIND AFTER DOWN WIND HOVER.								

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA
				F	S	M/N		
2-0086	3/4/67 TIME - 1600	CLARISSA, MINN	AIR-SPACE 18A N-6167S DAMAGE -SUBSTANTIAL	CR- PX-	0 0	1 1	NONCOMMERCIAL PLEASURE	PRIVATE, AGE 40, 403 TOTAL HOURS, 75 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION					
COLLIDED WITH SNOWBANK			LANDING POWER-ON LANDING					
ROLL OVER			LANDING POWER-ON LANDING					
PROBABLE CAUSE								
PILOT IN COMMAND - MISJUDGED CLEARANCE								
PILOT IN COMMAND - EXERCISED POOR JUDGMENT								
FACTOR								
WEATHER - UNFAVORABLE WIND CONDITIONS								
WEATHER BRIEFING - NO BRIEFING RECEIVED								
REMARKS- PLT ATTEMPTED LNDG ACROSS RUNWAY WIDTH TO LAND INTO WIND OF 15 KNOTS.SNOW BANKED ALONG RNWY EDGE.								
2-0087	3/8/67 TIME - 1620	NR.KINGMAN, ARIZ	BELL 47G3B1 N-73991 DAMAGE -DESTROYED	CR- PX-	0 0	1 0	COMMERCIAL CTR PASSG - D	COMMERCIAL, AGE 41, 4000 TOTAL HOURS, 900 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION					
COLLIDED WITH TREES			LANDING POWER-ON LANDING					
COLLISION WITH GROUND/WATER UNCONTROLLED			LANDING POWER-OFF AUTOROTATIVE LANDING					
PROBABLE CAUSE								
WEATHER - SUDDEN WINDSHIFT								
FACTOR								
TERRAIN - HIGH OBSTRUCTIONS								
TERRAIN - ROUGH/UNEVEN								
WEATHER BRIEFING - NO BRIEFING RECEIVED								
FIRE AFTER IMPACT								
REMARKS- HELIPAD IN HILLY TERRAIN.GUST CAUSED T/R TO STRIKE TREE STUMP.ACFT WAS SPINNING TO RIGHT AT T/D.								
2-0093	3/9/67 TIME - 1820	WILSONVILLE, OREG	ENSTROM F-28 N-192E DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 1	COMMERCIAL OTHER	COMMERCIAL, FL.INSTR., AGE 48, 20600 TOTAL HOURS, 16 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION					
COLLIDED WITH TREES			INFLIGHT POWER-ON DESCENT					
PROBABLE CAUSE								
PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.								
WEATHER - UNFAVORABLE WIND CONDITIONS								
WEATHER - DOWNDRAFTS, UPDRAFTS								
WEATHER BRIEFING - NO BRIEFING RECEIVED								
REMARKS- WINDS 15 KTS,GUSTING TO 20 KTS.CAUSED DOWNDRAFTS ON LEE SIDE OF TREES. PURPOSE OF FLT-BIRD SURVEY.								

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
2-0094	3/10/67 TIME - 0730	CODY,WYO	BELL 47G381 N-8537F DAMAGE -DESTROYED	CR- 0 0 1 PX- 0 0 2	COMMERCIAL CTR PASSG - D	COMMERCIAL, AGE 30, 1425 TOTAL HOURS, 825 IN TYPE.
TYPE OF ACCIDENT STALL MUSH			PHASE OF OPERATION INFLIGHT OTHER			
PROBABLE CAUSE PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS						
FACTOR TERRAIN - HIGH OBSTRUCTIONS WEATHER - LOW CEILING WEATHER - FOG WEATHER BRIEFING - BRIEFED BY WBP, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT REMARKS- ACFT HEAVILY LOADED FLYING SLOWLY DOWNWIND AT LOW ALT.PLT FLARED ON SEEING WIRES.						
2-0095	3/11/67 TIME - 1700	PERRY,GA	BENSEN B-8M N-ONE DAMAGE -DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE	NONE, AGE 32, 8 TOTAL HOURS, ALL IN TYPE.
TYPE OF ACCIDENT STALL			PHASE OF OPERATION INFLIGHT LOW PASS			
PROBABLE CAUSE PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED REMARKS- HIGH SPEED PASS-ABRUPT CLIMB.AIRSPEED LOST DURING CLIMB.						
2-0096	3/12/67 TIME - 1745	HILLSBORO,OREG	HUGHES 269A N-8729F DAMAGE -SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE	PRIVATE, AGE 61, 8019 TOTAL HOURS, 112 IN TYPE.
TYPE OF ACCIDENT MISCELLANEOUS ROLL OVER			PHASE OF OPERATION TAKEOFF VERTICAL INFLIGHT UNCONTROLLED DESCENT			
PROBABLE CAUSE MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING MISCELLANEOUS ACTS,CONDITIONS - INTERFERENCE WITH FLIGHT CONTROLS MISCELLANEOUS-PERSONNEL - PASSENGER REMARKS- PAX DROPPED PORTABLE RADIO JAMMING CYCLIC CONTROL. MAIN ROTOR BLADES STRUCK GROUND.						
2-0097	3/12/67 TIME - 0845	NR.VINTON,LA	BELL 204-B N-1177W DAMAGE -SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL CONSTRUCTION	COMMERCIAL, AGE 34, 2236 TOTAL HOURS, 495 IN TYPE.
TYPE OF ACCIDENT COLLIDED WITH TREES			PHASE OF OPERATION INFLIGHT HOVERING			
PROBABLE CAUSE PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - MISJUDGED CLEARANCE REMARKS- PLT ATTEMPTED TO MANEUVER LOAD IN CONFINED AREA LOST SIGHT OF SIGNAL MAN. TAIL ROTOR STRUCK TREE.						

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA	
				F	S	M/N			
2-0098	3/19/67 TIME - 0837	HAWTHORNE,CALIF	VERTOL H-21-A N-9719Z DAMAGE -SUBSTANTIAL	CR- PX- OT-	0 0 0	2 0 1	COMMERCIAL CONSTRUCTION	AIRLINE TRANSPORT, AGE 35, 8300 TOTAL HOURS, 1000 IN TYPE.	
TYPE OF ACCIDENT			PHASE OF OPERATION						
ENGINE FAILURE OR MALFUNCTION			INFLIGHT HOVERING						
HARD LANDING			LANDING POWER-OFF AUTOROTATIVE LANDING						
PROBABLE CAUSE									
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION									
PILOT IN COMMAND - ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT									
OPERATIONAL SUPERVISORY PERSONNEL - DEFICIENCY,COMPANY MAINTAINED EQPMT,SERVICES,REGULATION									
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND									
REMARKS- FUEL GUAGE INOP.PLT CHECKED FUEL WITH FAULTY DIP STICK.ACFT LNDG GEAR PENETRATED BLDG ROOF.									
2-0113	3/19/67 TIME - 0857	ADDISON,TEX	BELL 47G-2 N-9012R DAMAGE -DESTROYED	CR- PX-	0 0	1 1	0 1	NONCOMMERCIAL PLEASURE	COMMERCIAL, AGE 59, 5200 TOTAL HOURS, 4 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION						
COLLISION WITH GROUND/WATER CONTROLLED			TAXI AERIAL TAXI TO TAKEOFF						
COLLIDED WITH PARKED AIRCRAFT			TAXI AERIAL TAXI TO TAKEOFF						
PROBABLE CAUSE									
PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS									
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS									
FACTOR									
WEATHER - UNFAVORABLE WIND CONDITIONS									
WEATHER BRIEFING - BRIEFED BY FSP, BY PHONE									
WEATHER FORECAST - UNKNOWN									
FIRE AFTER IMPACT									
REMARKS- ACFT TURNED DOWNWIND ON LIFTOFF.WIND 15 KTS GUSTING TO 22 KTS.PARKED T-28 N3707G SUB-ERCOUPE MINOR									
2-0114	3/20/67 TIME - 1600	MIAMI BEACH,FLA	BELL 47J-2A N-73990 DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	1 2	COMMERCIAL OTHER	COMMERCIAL, AGE 25, 1047 TOTAL HOURS, 12 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION						
ENGINE FAILURE OR MALFUNCTION			LANDING FINAL APPROACH						
DITCHING			LANDING POWER-OFF AUTOROTATIVE LANDING						
PROBABLE CAUSE									
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING									
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION									
FACTOR									
MISCELLANEOUS ACTS,CONDITIONS - INATTENTIVE TO FUEL SUPPLY									
MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER									
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER									
REMARKS- ACFT SANK IN INTER-COASTAL WATER. PURPOSE OF FLT-PASSENGER RIDES.									

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
2-0117	4/2/67	FORTY FORT PA TIME - 1715	BENSEN 8-8-7 N-2191 DAMAGE -DESTROYED	CR- 0 1 0 PX- 0 0 0	NONCOMMERCIAL PRACTICE	PRIVATE, AGE 52, 500 TOTAL HOURS, 3 IN TYPE.
TYPE OF ACCIDENT STALL			PHASE OF OPERATION INFLIGHT AUTOROTATIVE DESCENT			
PROBABLE CAUSE PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED FACTOR PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. REMARKS- GYRO GLIDER WAS TOWED OFF RUNWAY AND CUT LOOSE APPROX 100 FT ABOVE RUNWAY. STALLED ABOUT 50 FT ALT.						
2-0124	3/19/67	YAKIMA, WASH TIME - 1130	HUGHES 269A N-8888F DAMAGE -SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLIC	COMMERCIAL, AGE 58, 14310 TOTAL HOURS, 400 IN TYPE.
TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING			PHASE OF OPERATION TAKEOFF INITIAL CLIMB LANDING LEVEL OFF/TOUCHDOWN			
PROBABLE CAUSE POWERPLANT - ENGINE STRUCTURE - PISTON, PISTON RINGS MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE POWERPLANT - FUEL SYSTEM - CARBURETOR POWERPLANT - FUEL SYSTEM - FILTERS, STRAINERS, SCREENS MISCELLANEOUS ACTS, CONDITIONS - OBSTRUCTED MISCELLANEOUS ACTS, CONDITIONS - FUEL STARVATION EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- BROKEN PISTON RING NO.1 CYL. CARBURETOR FINGER STRAINER PARTIALLY BLOCKED BY LINT AND SEDIMENT.						
2-0125	3/24/67	COLLEGE PARK, MD TIME - 1145	HUGHES 269B N-700 DAMAGE -SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL. INSTR., AGE 35, 6400 TOTAL HOURS, 2200 IN TYPE.
TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING			PHASE OF OPERATION INFLIGHT NORMAL CRUISE LANDING POWER-OFF AUTOROTATIVE LANDING			
PROBABLE CAUSE MISCELLANEOUS ACTS, CONDITIONS - SIMULATED CONDITIONS DUAL STUDENT - IMPROPER LEVEL OFF PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT REMARKS- FLARED TOO LATE DURING PRACTICE AUTOROTATION LANDING						
2-0126	3/24/67	ENFIELD, NY TIME - 0830	BRANTLY 8-2B N-2166U DAMAGE -SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 42, 490 TOTAL HOURS, 458 IN TYPE.
TYPE OF ACCIDENT COLLISION WITH GROUND/WATER UNCONTROLLED			PHASE OF OPERATION INFLIGHT HOVERING			
PROBABLE CAUSE PILOT IN COMMAND - SPATIAL DISORIENTATION PILOT IN COMMAND - EXERCISED POOR JUDGMENT REMARKS- LOOSE SNOW BLOWN BY ROTOR DOWNWASH TEMP BLOCKED PLT VIS REF WHILE ATTEMPT T/O UNDER ELEC HIGH LINE						

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA	
				F	S	M/N			
2-0129	4/3/67	SEATTLE, WASH	BELL 47G-2	CR-	0	0	1	NONCOMMERCIAL	COMMERCIAL, AGE 28, 463 TOTAL
	TIME - 1635		N-8448E	PX-	0	0	0	PRACTICE	HOURS, 161 IN TYPE.
			DAMAGE -SUBSTANTIAL						
		TYPE OF ACCIDENT					PHASE OF OPERATION		
		COLLISION WITH GROUND/WATER	CONTROLLED				INFLIGHT OTHER		
		PROBABLE CAUSE							
		PILOT IN COMMAND -	MISJUDGED ALTITUDE						
		FACTOR							
		TERRAIN -	GLASSY WATER						
		REMARKS-	TAIL ROTOR OF FLOAT EQUIPPED HELICOPTER HIT WATER DURING POWER RECOVERY AFTER AUTOROTATIVE DESCENT						
2-0130	2/19/67	CULVER CITY, CALIF	HUGHES 269A	CR-	0	0	2	INSTRUCTIONAL	COMMERCIAL, FL-INSTR., AGE 30,
	TIME - 0915		N-8903F	PX-	0	0	0	DUAL	408 TOTAL HOURS, 240 IN TYPE.
			DAMAGE -SUBSTANTIAL						
		TYPE OF ACCIDENT					PHASE OF OPERATION		
		AIRFRAME FAILURE	ON GROUND				STATIC IDLING ROTORS		
		PROBABLE CAUSE							
		MISCELLANEOUS ACTS, CONDITIONS -	GROUND RESONANCE						
		MAINTENANCE, SERVICING, INSPECTION -	IMPROPER MAINTENANCE						
		LANDING GEAR -	MAIN GEAR-SHOCK ABSORBING ASSY, STRUTS, ATTACHMENTS, ETC.						
		FACTOR							
		MISCELLANEOUS ACTS, CONDITIONS -	OVERLOAD FAILURE						
		REMARKS-	LANDING GEAR OLEO STRUTS HAD LOW AIR PRESSURE AND EXCESS OIL CONTENT.						
2-0132	3/27/67	OGDEN, UT	HILLER UH-12E	CR-	0	0	1	COMMERCIAL	COMMERCIAL, AGE 34, 10550
	TIME - 1145		N-5345V	PX-	0	0	1	MAPPING/PHOTO	TOTAL HOURS, 7000 IN TYPE.
			DAMAGE -SUBSTANTIAL						
		TYPE OF ACCIDENT					PHASE OF OPERATION		
		ENGINE FAILURE OR MALFUNCTION					INFLIGHT NORMAL CRUISE		
		MISCELLANEOUS					LANDING POWER-OFF AUTOROTATIVE LANDING		
		PROBABLE CAUSE							
		POWERPLANT -	ENGINE STRUCTURE -	MASTER AND CONNECTING RODS					
		MISCELLANEOUS ACTS, CONDITIONS -	MATERIAL FAILURE						
		MISCELLANEOUS ACTS, CONDITIONS -	UNDER TORQUED						
		MAINTENANCE, SERVICING, INSPECTION -	INADEQUATE MAINTENANCE AND INSPECTION						
		MISCELLANEOUS EQUIPMENT -	OTHER						
		EMERGENCY CIRCUMSTANCES -	FORCED LANDING OFF AIRPORT ON LAND						
		REMARKS-	ENG FAILURE DUE TO IMPROPERLY TORQUED CON ROD CAP BOLTS. SPECIAL ANTENNA NOT RETRACTED-BROKE BUBBLE						
2-0139	4/6/67	CORONA, CALIF	BENSEN 8-8-M	CR-	0	1	0	MISCELLANEOUS	PRIVATE, AGE 47, 200 TOTAL
	TIME - 1120		N-1400	PX-	0	0	0	TEST	HOURS, 2 IN TYPE.
			DAMAGE -SUBSTANTIAL						
		TYPE OF ACCIDENT					PHASE OF OPERATION		
		ENGINE FAILURE OR MALFUNCTION					INFLIGHT NORMAL CRUISE		
		ROLL OVER					LANDING POWER-OFF AUTOROTATIVE LANDING		
		PROBABLE CAUSE							
		POWERPLANT -	ENGINE STRUCTURE -	PISTON, PISTON RINGS					
		MISCELLANEOUS ACTS, CONDITIONS -	OVERHEATED						
		FACTOR							
		MISCELLANEOUS ACTS, CONDITIONS -	FUEL GRADE-IMPROPER						
		TERRAIN -	ROUGH/UNEVEN						
		EMERGENCY CIRCUMSTANCES -	FORCED LANDING OFF AIRPORT ON LAND						
		REMARKS-	NO.2 PISTON HEAD AND WALL MELTED. 115/145 OCTANE FUEL REQUIRED-120/138 USED. LANDED IN PLOWED FIELD.						

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA
				F	S	M/N		
2-0140	4/8/67 TIME - 1200	BURLINGTON CONN	BRANTLY B-2B N-2191U DAMAGE -SUBSTANTIAL	CR- PX-	0 0	2 0	INSTRUCTIONAL DUAL	ATR, FLIGHT INSTR., AGE 28, 3083 TOTAL HOURS, 301 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION					
COLLISION WITH GROUND/WATER CONTROLLED			LANDING POWER-OFF AUTOROTATIVE LANDING					
PROBABLE CAUSE								
PILOT IN COMMAND - IMPROPER LEVEL OFF								
FACTOR								
MISCELLANEOUS ACTS, CONDITIONS - SIMULATED CONDITIONS								
REMARKS- TAIL ROTOR HIT GROUND DURING FLARE FOR LANDING.								
2-0141	4/8/67 TIME - 1730	FOLEY, ALA	BELL 47G-2 N-6714D DAMAGE -SUBSTANTIAL	CR- PX-	0 0	2 0	INSTRUCTIONAL DUAL	COMMERCIAL, AGE 46, 5000 TOTAL HOURS, 35 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION					
COLLISION WITH GROUND/WATER CONTROLLED			INFLIGHT OTHER					
PROBABLE CAUSE								
PILOT IN COMMAND - MISJUDGED ALTITUDE								
REMARKS- MAIN ROTOR BLADES STRUCK GROUND DURING DEMONSTRATION OF QUICKSTOP TURNAROUND MANEUVER.								
2-0143	4/11/67 TIME - 1745	NEW ORLEANS, LA	HUGHES 269A N-8824F DAMAGE -SUBSTANTIAL	CR- PX-	0 0	1 1	NONCOMMERCIAL PLEASURE	STUDENT, AGE 26, 15 TOTAL HOURS, ALL IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION					
HARD LANDING			LANDING OTHER					
PROBABLE CAUSE								
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS								
FACTOR								
PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT								
REMARKS- HELICOPTER LIFTED OFF AT LOW ROTOR RPM WHEN PLT TOOK HIS HAND OFF COLLECTIVE CONTROL. CRASH LANDED.								
2-0147	4/12/67 TIME - 1805	SCHENECTADY NY	HUGHES 269B N-9435F DAMAGE -SUBSTANTIAL	CR- PX-	0 0	1 0	INSTRUCTIONAL TRAINING	STUDENT, AGE 41, 64 TOTAL HOURS, 15 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION					
ROLL OVER			INFLIGHT HOVERING					
PROBABLE CAUSE								
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS								
FACTOR								
WEATHER - UNFAVORABLE WIND CONDITIONS								
REMARKS- WIND 10 KTS GUSTING TO 15 KTS.								

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA	
				F	S	M/N			
2-0149	4/18/67	IRVING TEX	BELL 47D1	CR-	0	0	1	NONCOMMERCIAL	COMMERCIAL, AGE 33, 1500
	TIME - 1220		N-8282E	PX-	0	0	0	OTHER	TOTAL HOURS, 450 IN TYPE.
			DAMAGE -SUBSTANTIAL						
			TYPE OF ACCIDENT				PHASE OF OPERATION		
			ROLL OVER				TAKEOFF VERTICAL		
			PROBABLE CAUSE						
			PILOT IN COMMAND -				IMPROPER OPERATION OF FLIGHT CONTROLS		
			REMARKS-				DURING LIFT OFF FROM A TRAILER THE RT SKID STRUCK THE SIDE OF THE TRAILER.ACFT ROLLED OVER.		
2-0150	4/21/67	NR.DROFINO, ID	HILLER UH-12E	CR-	0	0	1	COMMERCIAL	COMMERCIAL, FL.INSTR., AGE 43,
	TIME - 1030		N-5388V	PX-	0	0	0	AERIAL APPLIC	16000 TOTAL HOURS, 1700 IN
			DAMAGE -SUBSTANTIAL						TYPE.
			TYPE OF ACCIDENT				PHASE OF OPERATION		
			COLLIDED WITH WIRES/POLES				INFLIGHT SWATH RUN		
			PROBABLE CAUSE						
			PILOT IN COMMAND -				FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS		
			FACTOR						
			MISCELLANEOUS-PERSONNEL -				OTHER		
			TERRAIN -				HIGH OBSTRUCTIONS		
			EMERGENCY CIRCUMSTANCES -				PRECAUTIONARY LANDING OFF AIRPORT		
							SUSPECTED OR KNOWN AIRCRAFT DAMAGE		
							PROP/ENGINE VIBRATION		
			REMARKS-				UNMARKED STRAND OF WIRE STRUNG ACROSS CANYON AFTER PLT CHECKED AREA BEFORE STARTING GRASS SEEDING.		
2-0151	4/22/67	NR.GEORGE AFB CALIF	BENSEN B-8M	CR-	0	0	1	MISCELLANEOUS	COMMERCIAL, FL.INSTR., AGE 44,
	TIME - 1715		N-2257C	PX-	0	0	0	TEST	5092 TOTAL HOURS, 2 IN TYPE.
			DAMAGE -SUBSTANTIAL						
			TYPE OF ACCIDENT				PHASE OF OPERATION		
			PROPELLER/ROTOR FAILURE PROPELLER				INFLIGHT NORMAL CRUISE		
			ROLL OVER				LANDING LEVEL OFF/TOUCHDOWN		
			PROBABLE CAUSE						
			POWERPLANT -				PROPELLER AND ACCESSORIES -		
							BLADES		
			MISCELLANEOUS ACTS, CONDITIONS -				MATERIAL FAILURE		
			PILOT IN COMMAND -				IMPROPER LEVEL OFF		
			PILOT IN COMMAND -				LACK OF FAMILIARITY WITH AIRCRAFT		
			EMERGENCY CIRCUMSTANCES -				FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPORT		
							PROP/ENGINE VIBRATION		
			REMARKS-				THE CAUSE OF PROPELLER FAILURE WAS UNDETERMINED.		
2-0152	4/23/67	EAST HAMPTON, NY	BELL 47G	CR-	0	0	1	COMMERCIAL	COMMERCIAL, FL.INSTR., AGE 30,
	TIME - 1624		N-990B	PX-	0	0	1	AIR TAXI - PASSG	2910 TOTAL HOURS, 753 IN TYPE.
			DAMAGE -SUBSTANTIAL						
			TYPE OF ACCIDENT				PHASE OF OPERATION		
			ENGINE FAILURE OR MALFUNCTION				INFLIGHT NORMAL CRUISE		
			ROLL OVER				LANDING POWER-OFF AUTOROTATIVE LANDING		
			PROBABLE CAUSE						
			PILOT IN COMMAND -				INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING		
			MISCELLANEOUS ACTS, CONDITIONS -				FUEL EXHAUSTION		
			PILOT IN COMMAND -				IMPROPER OPERATION OF FLIGHT CONTROLS		
			EMERGENCY CIRCUMSTANCES -				FORCED LANDING OFF AIRPORT ON LAND		
			REMARKS-				FLOAT EQUIPPED ACFT TOUCHED DOWN 100 DEGREES LEFT OF WIND LINE WITH FORWARD MOTION.WIND 15-20KTS.		

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
2-0153	4/24/67 TIME - 0840	IRVING, TEX	BELL 47D1 N-12512 DAMAGE -SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS EXPERIMENTATION	COMMERCIAL, AGE 45, 2000 TOTAL HOURS, 1500 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION			
COLLISION WITH GROUND/WATER UNCONTROLLED			INFLIGHT HOVERING			
PROBABLE CAUSE						
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS						
REMARKS- FLIGHT CONTROLS VERY SENSITIVE DUE TO REMOVAL OF MAIN ROTOR STABILIZER BARS.						
2-0154	4/24/67 TIME - 1525	NR.MORGAN CITY LA	BELL 47J-2A N-8583F DAMAGE -SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, FL.INSTR., AGE 36, 9000 TOTAL HOURS, 3000 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION			
ENGINE FAILURE OR MALFUNCTION			TAKEOFF VERTICAL			
HARD LANDING			LANDING POWER-OFF AUTOROTATIVE LANDING			
PROBABLE CAUSE						
PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS						
TRANSMISSION ROTOR DRIVE SYSTEM - CLUTCH ASSEMBLY						
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER						
REMARKS- CLUTCH SLIPPAGE CAUSED BY IMPROPER CLUTCH ENGAGEMENT PROCEDURES.						
2-0155	4/30/67 TIME - 1130	CRESTON CALIF	HILLER UH-128 N-5301V DAMAGE -SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLIC	COMMERCIAL, FL.INSTR., AGE 40, 6865 TOTAL HOURS, 6040 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION			
ENGINE FAILURE OR MALFUNCTION			INFLIGHT SWATH RUN			
HARD LANDING			LANDING POWER-OFF AUTOROTATIVE LANDING			
PROBABLE CAUSE						
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING						
MISCELLANEOUS ACTS, CONDITIONS - FUEL EXHAUSTION						
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
2-0156	5/3/67 TIME - 1500	BAKERSFIELD, CALIF	BELL 47D1 N-12888 DAMAGE -SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS TEST	COMMERCIAL, AGE 31, 7475 TOTAL HOURS, 250 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION			
COLLIDED WITH WIRES/POLES			INFLIGHT NORMAL CRUISE			
PROBABLE CAUSE						
PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS						

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA
				F	S	M/N		
2-0157	5/29/67 TIME - 0930	NR.YAKIMA,WASH	BELL 47G-2 N-7891B DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	1 0	COMMERCIAL AERIAL APPLIC COMMERCIAL,FL.INSTR., AGE 40, 1122 TOTAL HOURS, 9 IN TYPE.
TYPE OF ACCIDENT STALL MUSH			PHASE OF OPERATION INFLIGHT PROCEDURE TURNAROUND					
PROBABLE CAUSE PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED								
2-0158	6/1/67 TIME - 0800	BROOKLYN NY	BELL 47J-2A N-1132W DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	1 0	NONCOMMERCIAL BUSINESS COMMERCIAL, AGE 43, 3790 TOTAL HOURS, 2490 IN TYPE.
TYPE OF ACCIDENT COLLISION WITH GROUND/WATER			CONTROLLED			PHASE OF OPERATION LANDING POWER-ON LANDING		
PROBABLE CAUSE PILOT-LOSS OF CONTROL FOR UNDERMINED CAUSE. EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT LATERAL CONTROL PROBLEM SUSPECTED MECHANICAL DISCREPANCY REMARKS- ACFT TIPPED UNCONTROLLABLY TO THE RT ON LIFT OFF								
2-0159	6/1/67 TIME - 0900	KENNEWICK WASH	BELL 47G-2 N-6145C DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	1 0	COMMERCIAL AERIAL APPLIC COMMERCIAL, AGE 24, 395 TOTAL HOURS, 95 IN TYPE.
TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES			PHASE OF OPERATION INFLIGHT SWATH RUN					
PROBABLE CAUSE PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS REMARKS- PLT HAD SURVEYED AREA,WAS AWARE OF WIRES.								
2-0185	5/21/67 TIME - 1500	SILVER CREEK NY	BENSEN B8M N-4773G DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	1 0	NONCOMMERCIAL PRACTICE STUDENT, AGE 28, 16 TOTAL HOURS, ALL IN TYPE.
TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING			PHASE OF OPERATION LANDING GO-AROUND LANDING LEVEL OFF/TOUCHDOWN					
PROBABLE CAUSE POWERPLANT - FUEL SYSTEM - CARBURETOR MAINTENANCE,SERVICING,INSPECTION - IMPROPER MAINTENANCE REMARKS- IMPROPER CARB FUEL/AIR ADJUSTMENT ON NEWLY INSTALLED CARB.ENG DID NOT RESPOND ON GO-AROUND ATTEMPT								

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
2-0192	5/31/67 TIME - 0610	SAN SEBASTIAN PR	HUGHES 269B N-9395F DAMAGE -SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLIC	COMMERCIAL, AGE 40, 7000 TOTAL HOURS, 235 IN TYPE.
TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION ROLL OVER PROBABLE CAUSE POWERPLANT - MISCELLANEOUS - POWERPLANT FAILURE FOR UNDETERMINED REASONS FACTOR TERRAIN - HIGH VEGETATION TERRAIN - ROUGH/UNEVEN EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- LANDED IN 4 FT HIGH SUGAR CANE.SLID INTO HIDDEN IRRIGATION DITCH.						
2-0195	5/23/67 TIME - 0830	FAIRPLAY,COLORADO	HILLER UH-12L N-90457 DAMAGE -SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL CONSTRUCTION	COMMERCIAL,FL.INSTR., AGE 41, 2800 TOTAL HOURS, 100 IN TYPE.
TYPE OF ACCIDENT COLLISION WITH GROUND/WATER CONTROLLED PROBABLE CAUSE PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. PILOT IN COMMAND - FAILED TO USE OR INCORRECTLY USED MISC.EQUIPMENT FACTOR WEATHER - HIGH DENSITY ALTITUDE WEATHER - UNFAVORABLE WIND CONDITIONS WEATHER - SUDDEN WINDSHIFT WEATHER BRIEFING - NO BRIEFING RECEIVED WEATHER FORECAST - UNKNOWN REMARKS- WHEN 500 LB AUGER ON SLING WAS LOWERED TO GRND IT ROLLED DOWNHILL.PLT DID NOT RELEASE LOAD.						
2-0198	5/25/67 TIME - 0600	NR.KING CITY,CALIF	BELL 47G-2 N-6728D DAMAGE -SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLIC	COMMERCIAL, AGE 40, 5403 TOTAL HOURS, 4953 IN TYPE.
TYPE OF ACCIDENT COLLISION WITH GROUND/WATER UNCONTROLLED PROBABLE CAUSE PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING REMARKS- PILOT INITIATED LIFT OFF WITH GROUND ATTACHED SPRAY TANK REFILLER HOSE STILL CONNECTED TO ACFT.						
2-0210	5/8/67 TIME - 1620	BAKERSFIELD,CALIF	BELL 47G N-148B DAMAGE -SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLIC	COMMERCIAL, AGE 52, 7969 TOTAL HOURS, 469 IN TYPE.
TYPE OF ACCIDENT COLLISION WITH GROUND/WATER CONTROLLED PROBABLE CAUSE PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED REMARKS- DOWNWIND TURN. ACFT NEAR MAX GROSS WT ALLOWABLE.						

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA
				F	S	M/N		
2-0211	5/10/67 TIME - 0950	HALLSVILLE, TEX	BELL 47G-5 N-7815S DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	1 0	MISCELLANEOUS FERRY COMMERCIAL, AGE 46, 2300 TOTAL HOURS, 100 IN TYPE.
TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING				PHASE OF OPERATION INFLIGHT NORMAL CRUISE LANDING POWER-OFF AUTOROTATIVE LANDING				
PROBABLE CAUSE PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING MISCELLANEOUS ACTS, CONDITIONS - MISCALCULATED FUEL CONSUMPTION MISCELLANEOUS ACTS, CONDITIONS - FUEL EXHAUSTION PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS								
FACTOR MISCELLANEOUS ACTS, CONDITIONS - DOWNWIND MAINTENANCE, SERVICING, INSPECTION - IMPROPER MAINTENANCE POWERPLANT - POWERPLANT-INSTRUMENTS - FUEL QUANTITY GAUGE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- HAD 2 FUEL TANKS. FUEL GAGE WAS FOR SINGLE TANK FUEL SYSTEM. REGISTERED EMPTY WHEN ENGINE QUIT.								
2-0214	5/17/67 TIME - 0930	WEST GROVE, PA	BELL 47D1 N-138B DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	1 0	COMMERCIAL AERIAL APPLIC COMMERCIAL, AGE 27, 1221 TOTAL HOURS, 103 IN TYPE.
TYPE OF ACCIDENT COLLIDED WITH TREES				PHASE OF OPERATION INFLIGHT SWATH RUN				
PROBABLE CAUSE PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT PILOT IN COMMAND - MISJUDGED CLEARANCE REMARKS- AS PLT WAS CHECKING SPRAY BOOM GROUND CLEARANCE MAIN ROTOR BLADE STRUCK TREE LIMB.								
2-0225	5/15/67 TIME - 0900	FRESNO, CALIF	HILLER UH-12A N-8107H DAMAGE -SUBSTANTIAL	CR- PX- OT-	0 0 0	0 0 1	1 0 0	COMMERCIAL AERIAL APPLIC COMMERCIAL, AGE 40, 5000 TOTAL HOURS, 4500 IN TYPE.
TYPE OF ACCIDENT PROPELLER/ROTOR ACCIDENT TO PERSON				PHASE OF OPERATION STATIC IDLING ROTORS				
PROBABLE CAUSE MISCELLANEOUS-PERSONNEL - GROUND CREWMAN REMARKS- MAN WHO SUPPLIED CHEMICALS DISMOUNTED FROM HIS TRUCK AND WALKED INTO THE IDLING TAIL ROTOR.								
2-0226	5/30/67 TIME - 1100	NR. TYONEK, ALAS	HILLER UH12EL N-5353V DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	1 0	NONCOMMERCIAL WILD LIFE SURVEY COMMERCIAL, FL. INSTR., AGE 29, 1218 TOTAL HOURS, 124 IN TYPE.
TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING				PHASE OF OPERATION TAKEOFF INITIAL CLIMB LANDING POWER-OFF AUTOROTATIVE LANDING				
PROBABLE CAUSE TRANSMISSION ROTOR DRIVE SYSTEM - CLUTCH ASSEMBLY MAINTENANCE, SERVICING, INSPECTION - INADEQUATE MAINTENANCE AND INSPECTION EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- CLUTCH SLIPPAGE DUE TO EXCESSIVELY WORN FRICTION SHOES. 78 HRS SINCE INSTALLATION OF THIS CLUTCH.								

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA
				F	S	M/N		
2-0228	6/5/67 TIME - 1030	NR.CHITINA,ALAS	BRANTLY B-2 N-2132U DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	1 1 COMMERCIAL AIR TAXI - PASSG	COMMERCIAL,FL.INSTR., AGE 42, 6620 TOTAL HOURS, 370 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION					
HARD LANDING			LANDING POWER-ON LANDING					
ROLL OVER			LANDING POWER-ON LANDING					
PROBABLE CAUSE								
PILOT-FAILED TO DETECT WINDSHIFT.								
FACTOR								
MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND								
WEATHER - SUDDEN WINDSHIFT								
TERRAIN - ROUGH/UNEVEN								
2-0229	6/7/67 TIME - 1148	FLUSHING,NY	BELL 47H-1 N-2466B DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	1 1 COMMERCIAL AIR TAXI - PASSG	COMMERCIAL, AGE 45, 4578 TOTAL HOURS, 298 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION					
MISCELLANEOUS			TAKEOFF INITIAL CLIMB					
STALL MUSH			TAKEOFF INITIAL CLIMB					
PROBABLE CAUSE								
FLIGHT CONTROL SYSTEMS - COLLECTIVE PITCH CONTROL SYSTEM								
MISCELLANEOUS ACTS,CONDITIONS - JAMMED								
MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS								
REMARKS- RT FUEL TK VENT LINE WRAPPED AROUND MAST-JAMMED COLLECTIVE PITCH CONTROL.ACFT FUELED PRIOR TAKEOFF								
2-0231	6/8/67 TIME - 1130	NR.COLD BAY,ALAS	BELL 47G-2 N-6751D DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	1 2 COMMERCIAL CTR PASSG - D	COMMERCIAL, AGE 29, 734 TOTAL HOURS, 150 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION					
COLLIDED WITH DIRT BANK			TAKEOFF ABORTED					
ROLL OVER			TAKEOFF ABORTED					
PROBABLE CAUSE								
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING								
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED								
FACTOR								
MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND								
REMARKS- PILOT FAILED TO CHECK WIND DIRECTION.ASSUMED IT WAS THE SAME AS WHEN HE LANDED 15 MINUTES BEFORE.								
2-0242	6/11/67 TIME - 1500	NAPLES,FLA	BENSEN B-8-M N-1183 DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	1 0 NONCOMMERCIAL PLEASURE	STUDENT, AGE 42, 12 TOTAL HOURS, ALL IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION					
GROUND-WATER LOOP-SWERVE			LANDING LEVEL OFF/TOUCHDOWN					
ROLL OVER			LANDING LEVEL OFF/TOUCHDOWN					
PROBABLE CAUSE								
PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL								

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
2-0243	6/11/67 TIME - 1030	MONROEVILLE, PA	BRANTLY B-2 N-5948Y DAMAGE -SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE	COMMERCIAL, AGE 44, 1303 TOTAL HOURS, 86 IN TYPE.
TYPE OF ACCIDENT HARD LANDING GEAR COLLAPSED			PHASE OF OPERATION LANDING POWER-ON LANDING LANDING POWER-ON LANDING			
PROBABLE CAUSE PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT DIRECTIONAL CONTROL PROBLEM						
REMARKS- ON COMING TO A HOVER BEFORE LANDING N5948Y SPUN TO THE RT UNCONTROLLABLY. WAS LANDED WHILE TURNING.						
2-0245	6/12/67 TIME - 0945	LAPLACE, LA	SIKORSKY S-55 N-751A DAMAGE -SUBSTANTIAL	CR- 0 0 1 PX- 0 0 4	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 46, 10500 TOTAL HOURS, 100 IN TYPE.
TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES			PHASE OF OPERATION LANDING POWER-ON LANDING			
PROBABLE CAUSE PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS						
REMARKS- FLAGS THAT NORMALLY MARKED GUY WIRE HAD BLOWN OFF.						
2-0246	6/14/67 TIME - 1525	FAIRBANKS, ALAS	HILLER UH-12A N-8180H DAMAGE -SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE	COMMERCIAL, FL. INSTR., AGE 41, 7500 TOTAL HOURS, 2000 IN TYPE.
TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING			PHASE OF OPERATION INFLIGHT NORMAL CRUISE LANDING POWER-OFF AUTOROTATIVE LANDING			
PROBABLE CAUSE MISCELLANEOUS ACTS, CONDITIONS - WATER IN FUEL PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING MAINTENANCE, SERVICING, INSPECTION - IMPROPERLY SERVICED AIRCRAFT OPERATIONAL SUPERVISORY PERSONNEL - DEFICIENCY, COMPANY MAINTAINED EQPMT, SERVICES, REGULATION TERRAIN - HIGH OBSTRUCTIONS EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
REMARKS- ACFT FUELED FROM 5 GAL CANS. NO FILTER USED.						
2-0247	6/14/67 TIME - 1445	EUCLID, OHIO	HUGHES 269A N-8868F DAMAGE -SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 38, 600 TOTAL HOURS, 380 IN TYPE.
TYPE OF ACCIDENT COLLISION WITH GROUND/WATER CONTROLLED			PHASE OF OPERATION INFLIGHT POWER-ON DESCENT			
PROBABLE CAUSE PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE FACTOR MISCELLANEOUS ACTS, CONDITIONS - UNWARRENTED LOW FLYING MISCELLANEOUS ACTS, CONDITIONS - DOWNWIND						
REMARKS- PLT FLARED TOO LOW OVER LAKE, TAIL ROTOR WENT INTO WATER.						

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA	
				F	S	M/N			
2-0248	6/18/67	BORDON, CALIF	HUGHES 269A	CR-	0	0	1	COMMERCIAL CTR PASSG - D	COMMERCIAL, AGE 27, 200 TOTAL HOURS, 60 IN TYPE.
	TIME - 1030		N-8931F	PX-	0	0	1		
			DAMAGE -SUBSTANTIAL						
		TYPE OF ACCIDENT		PHASE OF OPERATION					
		COLLIDED WITH WIRES/POLES		TAKEOFF INITIAL CLIMB					
		COLLIDED WITH DIRT BANK		LANDING LEVEL OFF/TOUCHDOWN					
	PROBABLE CAUSE								
	PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS								
	TERRAIN - ROUGH/UNEVEN								
	EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND								
	SUSPECTED OR KNOWN AIRCRAFT DAMAGE								
	PROP/ENGINE VIBRATION								
	REMARKS- WIRE STRIKE CAUSED LOSS OF ROTOR RPM AND VIBRATION. T/R DAMAGED DURING FORCED LANDING IN RAVINE.								
2-0249	6/19/67	DUMAS, TEX	HUGHES 269A	CR-	0	0	1	COMMERCIAL AERIAL APPLIC	COMMERCIAL, AGE 23, 1100 TOTAL HOURS, 800 IN TYPE.
	TIME - 1030		N-8926F	PX-	0	0	0		
			DAMAGE -SUBSTANTIAL						
		TYPE OF ACCIDENT		PHASE OF OPERATION					
		STALL MUSH		INFLIGHT PROCEDURE TURNAROUND					
	PROBABLE CAUSE								
	PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED								
	REMARKS- ACFT SETTLED IN OWN DOWNWASH.								
2-0250	6/23/67	PLEASANTVILLE, PA	BELL 47D1	CR-	0	0	1	COMMERCIAL AERIAL APPLIC	COMMERCIAL, AGE 27, 1262 TOTAL HOURS, 148 IN TYPE.
	TIME - 1525		N-4924C	PX-	0	0	0		
			DAMAGE -SUBSTANTIAL						
		TYPE OF ACCIDENT		PHASE OF OPERATION					
		ENGINE FAILURE OR MALFUNCTION		INFLIGHT PROCEDURE TURNAROUND					
		HARD LANDING		LANDING POWER-OFF AUTOROTATIVE LANDING					
	PROBABLE CAUSE								
	PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING								
	MISCELLANEOUS ACTS, CONDITIONS - INATTENTIVE TO FUEL SUPPLY								
	MISCELLANEOUS ACTS, CONDITIONS - FUEL EXHAUSTION								
	EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND								
2-0251	6/23/67	JOLIET, ILL	BELL 47G	CR-	0	1	1	NONCOMMERCIAL PLEASURE	ATR, FLIGHT INSTR., AGE 37, 18000 TOTAL HOURS, 14 IN TYPE.
	TIME - 1420		N-867Z	PX-	0	0	0		
			DAMAGE -DESTROYED						
		TYPE OF ACCIDENT		PHASE OF OPERATION					
		ENGINE FAILURE OR MALFUNCTION		INFLIGHT CLIMB TO CRUISE					
		COLLIDED WITH TREES		INFLIGHT AUTOROTATIVE DESCENT					
	PROBABLE CAUSE								
	PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING								
	MISCELLANEOUS ACTS, CONDITIONS - INATTENTIVE TO FUEL SUPPLY								
	MISCELLANEOUS ACTS, CONDITIONS - FUEL EXHAUSTION								
	EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND								

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA	
				F	S	M/N			
2-0252	6/24/67 TIME - 1905	BEDFORD, PA	BELL 47G-2 N-6749D DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	1 0	COMMERCIAL AERIAL APPLIC	COMMERCIAL, FL. INSTR., AGE 47, 6910 TOTAL HOURS, 5945 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION						
COLLISION WITH GROUND/WATER			CONTROLLED			INFLIGHT FLAREOUT FOR SWATH RUN			
PROBABLE CAUSE									
PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE									
2-0253	6/27/67 TIME - 1830	ONIEDA, WIS	HUGHES 269A N-8746F DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	1 0	COMMERCIAL AERIAL APPLIC	COMMERCIAL, AGE 33, 4300 TOTAL HOURS, 172 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION						
ENGINE FAILURE OR MALFUNCTION			INFLIGHT			EN ROUTE TO TREAT CROP			
HARD LANDING			LANDING			POWER-OFF AUTOROTATIVE LANDING			
PROBABLE CAUSE									
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING									
MISCELLANEOUS ACTS, CONDITIONS - INATTENTIVE TO FUEL SUPPLY									
MISCELLANEOUS ACTS, CONDITIONS - FUEL EXHAUSTION									
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND									
REMARKS- AIRSPEED AND ALT PREVENTED SUCCESSFUL AUTOROTATIVE LANDING.									
2-0254	6/26/67 TIME - 1700	WISC. DELLS, WIS	BELL 47G-2 N-2866B DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	1 1	MISCELLANEOUS FERRY	PRIVATE, AGE 38, 860 TOTAL HOURS, 460 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION						
COLLIDED WITH WIRES/POLES			LANDING			FINAL APPROACH			
PROBABLE CAUSE									
PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS									
FACTOR									
MISCELLANEOUS ACTS, CONDITIONS - PILOT FATIGUE									
REMARKS- PLT REPORTED HE HAD FLOWN ROTORCRAFT 15 HRS DURING THE PAST 24.									
2-0255	6/27/67 TIME - 1945	WILLIAMSBURG, PA	BELL 47D1 N-3918A DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	1 0	COMMERCIAL AERIAL APPLIC	COMMERCIAL, FL. INSTR., AGE 37, 4020 TOTAL HOURS, 1685 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION						
PROPELLER/ROTOR FAILURE			INFLIGHT			HOVERING			
GEAR COLLAPSED			LANDING			POWER-OFF AUTOROTATIVE LANDING			
PROBABLE CAUSE									
ROTOR ASSEMBLIES - TAIL ROTOR BLADES									
MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE									
MAINTENANCE, SERVICING, INSPECTION - INADEQUATE MAINTENANCE AND INSPECTION									
FACTOR									
MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE									
MISCELLANEOUS ACTS, CONDITIONS - VIBRATION, EXCESSIVE									
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND									
DIRECTIONAL CONTROL PROBLEM									
SUSPECTED OR KNOWN AIRCRAFT DAMAGE									
REMARKS- M/R BLADES STRUCK AND DAMAGED BY RUPTURED T/R GEAR CASE.									

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA
				F	S	M/N		
2-0256	6/28/67 TIME - 1800	VAN NUYS,CALIF	BELL 47G3B1 N-1131W DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	1 0	NONCOMMERCIAL WILD LIFE SURVEY 700 TOTAL HOURS, 200 IN TYPE.
TYPE OF ACCIDENT COLLIDED WITH AUTOMOBILE			PHASE OF OPERATION STATIC IDLING ROTORS					
PROBABLE CAUSE PILOT IN COMMAND - MISJUDGED CLEARANCE FACTOR MISCELLANEOUS-PERSONNEL - GROUND SIGNALMAN REMARKS- PLT MISUNDERSTOOD GROUND SIGNALMANS PARKING DIRECTIONS.								
2-0259	7/10/67 TIME - 1445	MEDFORD,NJ	BRANTLY B-2 N-5976X DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	1 0	INSTRUCTIONAL SOLO PRIVATE, AGE 51, 487 TOTAL HOURS, 2 IN TYPE.
TYPE OF ACCIDENT COLLISION WITH GROUND/WATER UNCONTROLLED			PHASE OF OPERATION INFLIGHT UNCONTROLLED DESCENT					
PROBABLE CAUSE PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. FACTOR WEATHER - UNFAVORABLE WIND CONDITIONS REMARKS- WIND VARIABLE AND GUSTY.								
2-0260	3/3/67 TIME - 1525	CEDAR RAPIDS,IOWA	BRANTLY B-2B N-2175U DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	1 0	INSTRUCTIONAL SOLO STUDENT, AGE 49, 14 TOTAL HOURS, ALL IN TYPE.
TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE TAIL ROTOR HARD LANDING			PHASE OF OPERATION INFLIGHT HOVERING LANDING LEVEL OFF/TOUCHDOWN					
PROBABLE CAUSE TRANSMISSION ROTOR DRIVE SYSTEM - TAIL ROTOR DRIVE SHAFT ASSEMBLY MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT DIRECTIONAL CONTROL PROBLEM REMARKS- LANDED WHILE TURNING.								
2-0262	3/17/67 TIME - 0815	NR.HILO,HAWAII	BELL 47G3B1 N-1346X DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	1 0	COMMERCIAL MIL/CTR CARGO COMMERCIAL, AGE 28, 2420 TOTAL HOURS, 962 IN TYPE.
TYPE OF ACCIDENT STALL MUSH COLLIDED WITH TREES			PHASE OF OPERATION INFLIGHT HOVERING INFLIGHT UNCONTROLLED DESCENT					
PROBABLE CAUSE PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. REMARKS- LOWERING SLING LOAD INTO FOREST.FIRST TIME OPERATION ATTEMPTED WITH FLOATS ON HELICOPTER.								

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA
				F	S	M/N		
2-0263	3/31/67 TIME - 1230	STARKE, FLA	BELL 47J-2 N-73258 DAMAGE - SUBSTANTIAL	CR- PX-	0 0	1 3	COMMERCIAL AIR TAXI - PASSG	COMMERCIAL, AGE 55, 11000 TOTAL HOURS, 6000 IN TYPE.
TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING				PHASE OF OPERATION TAKEOFF INITIAL CLIMB LANDING LEVEL OFF/TOUCHDOWN				
PROBABLE CAUSE ROTORCFT-CLUTCH SLIPPAGE FOR UNDETERMINED CAUSE. EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND								
2-0265	4/6/67 TIME - 1630	SCOTTSTBLUFF, NEBR	BENSEN B8M N-30082 DAMAGE - SUBSTANTIAL	CR- PX-	1 0	0 0	NONCOMMERCIAL PLEASURE	PRIVATE, AGE 48, 286 TOTAL HOURS, 13 IN TYPE.
TYPE OF ACCIDENT PROPELLER/ROTOR ACCIDENT TO PERSON				PHASE OF OPERATION TAXI OTHER				
PROBABLE CAUSE PILOT IN COMMAND - STARTED ENGINE WITHOUT PROPER ASSISTANCE/EQUIPMENT REMARKS- ACFT ROLLED FWD AS PLT WAS BOARDING AFTER HAND STARTING ENG. PROP STRUCK PLT.								
2-0267	4/24/67 TIME - 0945	ATHENS, ALA	BELL 47G-3B N-8494E DAMAGE - DESTROYED	CR- PX-	0 0	1 2	COMMERCIAL CONSTRUCTION	COMMERCIAL, AGE 31, 2100 TOTAL HOURS, UNKNOWN IN TYPE.
TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES COLLISION WITH GROUND/WATER UNCONTROLLED				PHASE OF OPERATION INFLIGHT NORMAL CRUISE INFLIGHT UNCONTROLLED DESCENT				
PROBABLE CAUSE PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS REMARKS- POWERLINE CONSTRUCTION. TAILWIND 14KTS. PLT INITIATED TURN CLOSE TO AND UPWIND OF POWERLINES								
2-0269	6/15/67 TIME - 1115	FAIRMONT, MINN	HUGHES 269B N-9419F DAMAGE - SUBSTANTIAL	CR- PX-	0 0	0 0	COMMERCIAL AERIAL APPLIC	COMMERCIAL, FL. INSTR., AGE 27, 870 TOTAL HOURS, 236 IN TYPE.
TYPE OF ACCIDENT COLLISION WITH GROUND/WATER CONTROLLED				PHASE OF OPERATION INFLIGHT SWATH RUN				
PROBABLE CAUSE PILOT IN COMMAND - MISJUDGED ALTITUDE.								

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA
				F	S	M/N		
2-0270	6/22/67 TIME - 0850	NR.EAGLE,ALAS	HILLER ACFTUHI2E4 N-9770C DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 3	COMMERCIAL AIR TAXI - PASSG	COMMERCIAL,FL.INSTR., AGE 25, 2125 TOTAL HOURS, 39 IN TYPE.
TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH TREES				PHASE OF OPERATION INFLIGHT NORMAL CRUISE LANDING POWER-OFF AUTOROTATIVE LANDING				
PROBABLE CAUSE MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION MISCELLANEOUS ACTS,CONDITIONS - FUEL SELECTOR POSITIONED BETWEEN TANKS MISCELLANEOUS-PERSONNEL - PASSENGER PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING								
FACTOR TERRAIN - HIGH OBSTRUCTIONS EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND								
REMARKS- WHILE PICKING UP A LOOSE ROPE FROM THE CABIN FLOOR A PASSENGER INADVERTENTLY MOVED FUEL SELECTOR.								
2-0273	7/6/67 TIME - 0500	ROSWELL,N MEX	HILLER ACFTFH1100 N-519FH DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	COMMERCIAL MAPPING/PHOTO	COMMERCIAL, AGE 44, 10000 TOTAL HOURS, 700 IN TYPE.
TYPE OF ACCIDENT HARD LANDING				PHASE OF OPERATION TAKEOFF ABORTED				
PROBABLE CAUSE PILOT-ATTEMPTED OPERATION BEYOND ACFT CAPABILITY. PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING WEATHER - HIGH DENSITY ALTITUDE MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G. EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT								
REMARKS- ACFT OVERLOADED-LACKED POWER FOR CLIMBOUT.								
2-0274	7/10/67 TIME - 0545	NR.CASA GRANDE,ARIZ	BELL 47G-5 N-1375X DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	COMMERCIAL AERIAL APPLIC	COMMERCIAL, AGE 32, UNKNOWN TOTAL HOURS, 750 IN TYPE.
TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING				PHASE OF OPERATION INFLIGHT EN ROUTE TO TREAT CROP LANDING LEVEL OFF/TOUCHDOWN				
PROBABLE CAUSE POWERPLANT - MISCELLANEOUS - POWERPLANT FAILURE FOR UNDETERMINED REASONS EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND								
2-0275	7/14/67 TIME - 1345	RIALTO,CALIF	HUGHES 269B N-9445F DAMAGE -DESTROYED	CR- PX-	0 0	1 2	COMMERCIAL MAPPING/PHOTO	COMMERCIAL,FL.INSTR., AGE 49, 4688 TOTAL HOURS, 500 IN TYPE.
TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION ROLL OVER				PHASE OF OPERATION TAKEOFF VERTICAL LANDING LEVEL OFF/TOUCHDOWN				
PROBABLE CAUSE MAINTENANCE,SERVICING,INSPECTION - INADEQUATE MAINTENANCE AND INSPECTION POWERPLANT - IGNITION SYSTEM - SPARK PLUG PILOT IN COMMAND - IMPROPER LEVEL OFF EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPORT								
REMARKS- SPARK PLUGS SEVERELY LEADED. NO RECORD OF SPARK PLUG CHANGE OR MAINTENANCE SINCE ACFT NEW.TT-398HR								

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA
				F	S	M/N		
2-0276	7/15/67	LAPLACE, LA TIME - 1640	BELL 204-B N-7931S DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	1 0	COMMERCIAL AIR TAXI - PASSG TOTAL HOURS, 620 IN TYPE.
TYPE OF ACCIDENT				PHASE OF OPERATION				
COLLIDED WITH OBJECT				STATIC OTHER				
PROBABLE CAUSE								
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN								
REMARKS- LANDING MATS USED WERE NOT PARALLEL. AS PITCH WAS LOWERED ONE SKID SLID OFF MAT. TAIL ROTOR HIT BRUSH								
2-0277	7/22/67	PNAMA CTY BCH FLA TIME - 1530	BELL 47D1 N-322A DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	1 0	NONCOMMERCIAL BUSINESS COMMERCIAL, AGE 25, 430 TOTAL HOURS, 9 IN TYPE.
TYPE OF ACCIDENT				PHASE OF OPERATION				
COLLIDED WITH OBJECT				TAXI AERIAL TAXI TO TAKEOFF				
PROBABLE CAUSE								
PILOT IN COMMAND - EXERCISED POOR JUDGMENT								
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN								
FACTOR								
WEATHER - UNFAVORABLE WIND CONDITIONS								
EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPORT								
SUSPECTED OR KNOWN AIRCRAFT DAMAGE								
REMARKS- REFUELING AREA LEFT NO MARGIN FOR ERROR. T/R STRUCK FUEL PUMP. WIND 15-20 KTS.								
2-0279	7/29/67	FOOTVILLE, WIS TIME - 1815	BENSEN B8M N-9127 DAMAGE -DESTROYED	CR- PX-	0 0	0 0	1 0	NONCOMMERCIAL PLEASURE STUDENT, AGE 27, 9 TOTAL HOURS, 7 IN TYPE.
TYPE OF ACCIDENT				PHASE OF OPERATION				
COLLISION WITH GROUND/WATER CONTROLLED				TAKEOFF RUNNING				
ROLL OVER				TAKEOFF RUNNING				
PROBABLE CAUSE								
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED								
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS								
2-0283	5/17/67	MILFORD SQUARE, PA TIME - 0745	BELL 47D1 N-925V DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	1 1	COMMERCIAL AERIAL APPLIC COMMERCIAL, AGE 28, 1817 TOTAL HOURS, 28 IN TYPE.
TYPE OF ACCIDENT				PHASE OF OPERATION				
STALL				TAKEOFF ABORTED				
ROLL OVER				LANDING LEVEL OFF/TOUCHDOWN				
PROBABLE CAUSE								
PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.								
PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS								
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS								
EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT								
REMARKS- IMPROPER COORDINATION OF ENG AND FLT CONTROLS. PILOT LANDED ON RYEGRASS FIELD.								

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA
				F	S	M/N		
2-0286	7/13/67 TIME - 0650	N KINGSTON, RI	BELL 47D1 N-210B DAMAGE -SUBSTANTIAL	CR- PX-	0 0 1 0 0 0	1	COMMERCIAL AERIAL APPLIC	COMMERCIAL, AGE 34, 2940 TOTAL HOURS, 140 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION					
STALL			INFLIGHT PROCEDURE TURNAROUND					
HARD LANDING			LANDING POWER-ON LANDING					
PROBABLE CAUSE								
PILOT IN COMMAND -			FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.					
PILOT IN COMMAND -			IMPROPER LEVEL OFF					
FACTOR								
PILOT IN COMMAND -			IMPROPER OPERATION OF FLIGHT CONTROLS					
PILOT IN COMMAND -			IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS					
2-0287	7/21/67 TIME - 1943	WAYLAND, NY	BELL 47G N-78958 DAMAGE -SUBSTANTIAL	CR- PX-	0 0 1 0 0 0	1	COMMERCIAL AERIAL APPLIC	COMMERCIAL, FL. INSTR., AGE 36, 5300 TOTAL HOURS, 3000 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION					
ENGINE FAILURE OR MALFUNCTION			INFLIGHT NORMAL CRUISE					
HARD LANDING			LANDING POWER-OFF AUTOROTATIVE LANDING					
PROBABLE CAUSE								
PILOT IN COMMAND -			INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING					
MISCELLANEOUS ACTS, CONDITIONS -			FUEL EXHAUSTION					
PILOT IN COMMAND -			IMPROPER LEVEL OFF					
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND								
2-0298	6/17/67 TIME - 0700	AGAWAM, MASS	BANNICK T N-92862 DAMAGE -SUBSTANTIAL	CR- PX-	0 0 1 0 0 0	1	NONCOMMERCIAL PLEASURE	PRIVATE, AGE 62, 1000 TOTAL HOURS, NONE IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION					
ROLL OVER			TAXI GROUND TAXI					
PROBABLE CAUSE								
PILOT IN COMMAND -			IMPROPER OPERATION OF FLIGHT CONTROLS					
FACTOR								
PILOT IN COMMAND -			MISJUDGED SPEED					
REMARKS- PLT PRACTICING TAXI/TAKEOFF RUNS. TAXI SPEED WAS TOO FAST.								
2-0299	7/20/67 TIME - 1300	WATERFORD, PA	BELL 47-D1 N-310A DAMAGE -SUBSTANTIAL	CR- PX-	0 0 1 0 0 0	1	COMMERCIAL AERIAL APPLIC	COMMERCIAL, FL. INSTR., AGE 31, 5630 TOTAL HOURS, 1610 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION					
COLLIDED WITH CROP			INFLIGHT FLAREOUT FOR SWATH RUN					
ROLL OVER			LANDING LEVEL OFF/TOUCHDOWN					
PROBABLE CAUSE								
PILOT IN COMMAND -			IMPROPER LEVEL OFF					
REMARKS- SPRAY-BOOM SNAGGED POTATO VINES								

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA
				F	S	M/N		
2-0300	7/30/67 TIME - 0840	DALLAS, TEX	FERGUSON B8F N-6511A DAMAGE -SUBSTANTIAL	CR- PX-	0 0	1 0	NONCOMMERCIAL PLEASURE	PRIVATE, AGE 60, 2042 TOTAL HOURS, 42 IN TYPE.
	TYPE OF ACCIDENT STALL		PHASE OF OPERATION TAKEOFF INITIAL CLIMB					
	PROBABLE CAUSE PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED							
2-0302	3/27/67 TIME - 1345	BROOMFIELD, COLO	HUGHES 269B N-9306F DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 1	NONCOMMERCIAL BUSINESS	ATR, FLIGHT INSTR., AGE 46, 12294 TOTAL HOURS, 750 IN TYPE.
	TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING		PHASE OF OPERATION INFLIGHT NORMAL CRUISE LANDING LEVEL OFF/TOUCHDOWN					
	PROBABLE CAUSE POWERPLANT - ENGINE STRUCTURE - MASTER AND CONNECTING RODS MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE MISCELLANEOUS ACTS, CONDITIONS - OIL STARVATION MAINTENANCE, SERVICING, INSPECTION - IMPROPER MAINTENANCE PILOT IN COMMAND - IMPROPER LEVEL OFF EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- S.I.1029B, CYL BASE NUT TIGHTENING PROC, DTD 8/5/66 NOT COMPLIED WITH DURING TOP OVRHL 7 HRS PRIOR.							
2-0304	4/4/67 TIME - 1105	MESA, ARIZ	HUGHES 269A N-8960F DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	INSTRUCTIONAL DUAL	COMMERCIAL, AGE 30, 3000 TOTAL HOURS, 1100 IN TYPE.
	TYPE OF ACCIDENT HARD LANDING		PHASE OF OPERATION LANDING POWER-OFF AUTOROTATIVE LANDING					
	PROBABLE CAUSE PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. FACTOR MISCELLANEOUS ACTS, CONDITIONS - SIMULATED CONDITIONS							
2-0312	7/27/67 TIME - 1515	ACWORTH, NH	BENSEN B-8-M N-10030 DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	NONCOMMERCIAL PLEASURE	PRIVATE, AGE 27, 230 TOTAL HOURS, 28 IN TYPE.
	TYPE OF ACCIDENT HARD LANDING		PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN					
	PROBABLE CAUSE PILOT IN COMMAND - IMPROPER LEVEL OFF FACTOR TERRAIN - OTHER REMARKS- LANDED ON UPHILL SLOPE.							

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA
				F	S	M/N		
2-0320	4/22/67 TIME - 0855	NR.FARMINGTON,MO	BELL 47G N-28128 DAMAGE -SUBSTANTIAL	CR- PX-	0 0	1 0	COMMERCIAL AERIAL APPLIC	COMMERCIAL,FL.INSTR., AGE 26, 2050 TOTAL HOURS, 200 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION					
EVASIVE MANEUVER			INFLIGHT CLEANUP SWATH					
COLLISION WITH GROUND/WATER UNCONTROLLED			INFLIGHT UNCONTROLLED DESCENT					
PROBABLE CAUSE								
PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT								
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS								
PILOT IN COMMAND - SPONTANEOUS-IMPROPER ACTION								
REMARKS- PLT LOOKED AT SPRAY PRESSURE GAUGE,LOOKED UP,SAW WIRES,APPLIED HARD REAR CYCLIC,LOST CONTROL.								
2-0322	6/14/67 TIME - 1338	WESTLAND,MICH	BENSEN 8-8M N-6931 DAMAGE -DESTROYED	CR- PX-	1 0	0 0	NONCOMMERCIAL PRACTICE	STUDENT, AGE 36, 2 TOTAL HOURS, ALL IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION					
PROPELLER/ROTOR FAILURE MAIN ROTOR			INFLIGHT ACROBATICS					
COLLISION WITH GROUND/WATER UNCONTROLLED			INFLIGHT UNCONTROLLED DESCENT					
PROBABLE CAUSE								
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS								
PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL								
FACTOR								
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE								
MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT								
2-0332	6/9/67 TIME - 0800	SAN CARLOS CALIF	BELL 47D1 N-3088G DAMAGE -SUBSTANTIAL	CR- PX-	0 0	2 0	INSTRUCTIONAL DUAL	COMMERCIAL,FL.INSTR., AGE 24, 2134 TOTAL HOURS, 125 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION					
ROLL OVER			TAKEOFF VERTICAL					
PROBABLE CAUSE								
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN								
DUAL STUDENT - IMPROPER OPERATION OF FLIGHT CONTROLS								
PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT								
FACTOR								
TERRAIN - WET,SOFT GROUND								
REMARKS- LANDED ON GRASS COVERED SWAMP.SKIDS SANK.TAIL ROTOR STRUCK GROUND,CONTROL LOST,ON LIFT OFF.								
2-0370	6/24/67 TIME - 1315	BROOKSVILLE,FLA	BENSEN R-8-1 N-4962S DAMAGE -SUBSTANTIAL	CR- PX-	0 0	1 0	NONCOMMERCIAL PLEASURE	STUDENT, AGE 38, 272 TOTAL HOURS, 2 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION					
COLLISION WITH GROUND/WATER UNCONTROLLED			LANDING LEVEL OFF/TOUCHDOWN					
PROBABLE CAUSE								
FLIGHT CONTROL SYSTEMS - RUDDER AND RUDDER TAB CONTROL SYSTEM								
MISCELLANEOUS ACTS,CONDITIONS - BENT								
PRODUCTION-DESIGN - POOR/INADEQUATE DESIGN								
FACTOR								
WEATHER - UNFAVORABLE WIND CONDITIONS								
REMARKS- RUDDER HORN BENT,CAUSED FULL RT DEFLECTION OF RUDDER.								

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
2-0371	7/8/67 TIME - 0900	SLIDELL, LA	BENSEN B8M N-1016 DAMAGE -SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE	STUDENT, AGE 21, 45 TOTAL HOURS, 38 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION			
ENGINE FAILURE OR MALFUNCTION			INFLIGHT NORMAL CRUISE			
ROLL OVER			LANDING ROLL			
PROBABLE CAUSE						
POWERPLANT - IGNITION SYSTEM -			SPARK PLUG			
MISCELLANEOUS ACTS,CONDITIONS -			CARBON DEPOSITS			
MISCELLANEOUS ACTS,CONDITIONS -			EXCESSIVE			
FACTOR						
MISCELLANEOUS ACTS,CONDITIONS -			IMPROPER GRADE OIL-LUBRICATING SYSTEM			
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
REMARKS- LNDG ON MARSH. PLT OCCASIONALLY USED STND.AV OIL-2QTS/6GALS FUEL,INSTEAD OF SPEC.OIL-1QT/6GALS.						
2-0373	8/11/67 TIME - 1300	BIG MEADOWS,CALIF	BELL 47G3B N-73915 DAMAGE -SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL CONSTRUCTION	COMMERCIAL,FL.INSTR., AGE 33, 4000 TOTAL HOURS, 2000 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION			
ENGINE FAILURE OR MALFUNCTION			INFLIGHT HOVERING			
HARD LANDING			LANDING LEVEL OFF/TOUCHDOWN			
PROBABLE CAUSE						
MAINTENANCE,SERVICING,INSPECTION -			IMPROPERLY SERVICED AIRCRAFT			
PILOT IN COMMAND -			INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING			
MISCELLANEOUS ACTS,CONDITIONS -			WATER IN FUEL			
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
REMARKS- 1 PINT WATER IN FUEL SYSTM. 1/2 PT WAS IN CARBURETOR.ACFT WAS REFUELED FROM BARREL AT LOADING SITE						
2-0390	8/13/67 TIME - 1345	THREE RIVERS,MICH	RUSSELL CGI N-7540U DAMAGE -SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE	STUDENT, AGE 50, 35 TOTAL HOURS, ALL IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION			
ENGINE FAILURE OR MALFUNCTION			TAKEOFF INITIAL CLIMB			
COLLIDED WITH WIRES/POLES			LANDING FINAL APPROACH			
PROBABLE CAUSE						
POWERPLANT - MISCELLANEOUS -			POWERPLANT FAILURE FOR UNDETERMINED REASONS			
TERRAIN -			HIGH OBSTRUCTIONS			
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA	
				F	S	M/N			
2-0394	6/10/67	LOVELL WYO	HILLER UH-12E N-90474 DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	1 0	COMMERCIAL AERIAL APPLIC	COMMERCIAL, AGE 36, 6000 TOTAL HOURS, 475 IN TYPE.
TYPE OF ACCIDENT				PHASE OF OPERATION					
ENGINE FAILURE OR MALFUNCTION				INFLIGHT SWATH RUN					
HARD LANDING				LANDING POWER-OFF AUTOROTATIVE LANDING					
PROBABLE CAUSE									
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION									
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING									
MISCELLANEOUS ACTS,CONDITIONS - INATTENTIVE TO FUEL SUPPLY									
FACTOR									
POWERPLANT - POWERPLANT-INSTRUMENTS - FUEL QUANTITY GAUGE									
MISCELLANEOUS ACTS,CONDITIONS - ERRATIC									
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND									
REMARKS- FUEL GAUGE ALONE WAS USED TO DETERMINE FUEL AVAILABLE.IT HAD REPORTEDLY BEEN RELIABLE IN THE PAST.									
2-0396	7/26/67	FRISCO,NC	BELL 47G-2 N-6752D DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	1 0	COMMERCIAL AERIAL APPLIC	COMMERCIAL, AGE 30, 1600 TOTAL HOURS, 902 IN TYPE.
TYPE OF ACCIDENT				PHASE OF OPERATION					
MISCELLANEOUS				INFLIGHT SWATH RUN					
COLLISION WITH GROUND/WATER UNCONTROLLED				INFLIGHT PROCEDURE TURNAROUND					
PROBABLE CAUSE									
MISCELLANEOUS EQUIPMENT - SPRAY,DUSTING EQUIPMENT									
EQUIP-RIGHT HOPPER DID NOT DISCHARGE.									
MISCELLANEOUS ACTS,CONDITIONS - LATERAL IMBALANCE									
REMARKS- WAS DISPENSING GRANULAR FERTILIZER.									
2-0397	8/17/67	NR.GILBERT,ARIZ	BELL 47G3B1 N-73240 DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	1 0	COMMERCIAL AERIAL APPLIC	COMMERCIAL, AGE 40, 7700 TOTAL HOURS, 308 IN TYPE.
TYPE OF ACCIDENT				PHASE OF OPERATION					
ENGINE FAILURE OR MALFUNCTION				INFLIGHT NORMAL CRUISE					
HARD LANDING				LANDING POWER-OFF AUTOROTATIVE LANDING					
PROBABLE CAUSE									
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION									
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING									
MISCELLANEOUS ACTS,CONDITIONS - PILOT FATIGUE									
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND									
REMARKS- PLT HAD FLOWN 8-12 HRS PRIOR TO ACC.FELL ASLEEP AS SPRAY TKS WERE LOADED.TOOK OFF WITHOUT REFUELIN									

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA
				F	S	M/N		
2-0398	8/18/67 TIME - 1030	CAMARILLO,CALIF	BELL 47G-2 N-5193B DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	1 0	COMMERCIAL AERIAL APPLIC COMMERCIAL, AGE 28, 1677 TOTAL HOURS, 135 IN TYPE.
TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH TREES				PHASE OF OPERATION INFLIGHT PROCEDURE TURNAROUND LANDING POWER-OFF AUTOROTATIVE LANDING				
PROBABLE CAUSE POWERPLANT - MISCELLANEOUS - POWERPLANT FAILURE FOR UNDETERMINED REASONS EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND								
2-0399	8/18/67 TIME - 0930	BUTTONWILLOW,CALIF	BELL 47D1 N-10190 DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	1 1	NONCOMMERCIAL BUSINESS COMMERCIAL, AGE 28, 6633 TOTAL HOURS, 30 IN TYPE.
TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES				PHASE OF OPERATION TAKEOFF INITIAL CLIMB				
PROBABLE CAUSE PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN TERRAIN - HIGH OBSTRUCTIONS FACTOR WEATHER - HIGH TEMPERATURE REMARKS- T/O FROM CONFINED AREA,WIND CALM,TEMP 98 DEG.								
2-0400	8/22/67 TIME - 1110	KINGSBURG,CALIF	HILLER UH-12B N-5301V DAMAGE -DESTROYED	CR- PX-	0 0	0 0	1 0	COMMERCIAL AERIAL APPLIC COMMERCIAL, AGE 41, 7800 TOTAL HOURS, 229 IN TYPE.
TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES				PHASE OF OPERATION INFLIGHT CLEANUP SWATH				
PROBABLE CAUSE PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS								
2-0402	5/1/67 TIME - 1530	NR.GRIDLEY,CALIF	BELL 47G-5 N-8594F DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	2 0	INSTRUCTIONAL DUAL COMMERCIAL,FL.INSTR., AGE 38, 1540 TOTAL HOURS, 385 IN TYPE.
TYPE OF ACCIDENT COLLISION WITH GROUND/WATER CONTROLLED COLLISION WITH GROUND/WATER UNCONTROLLED				PHASE OF OPERATION INFLIGHT OTHER LANDING OTHER				
PROBABLE CAUSE DUAL STUDENT - MISJUDGED ALTITUDE PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT REMARKS- TAIL ROTOR STRUCK CROP DURING QUICK STOP MANEUVER CAUSING LOSS OF CONTROL.								

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
2-0403	5/25/67 TIME - 1815	NEW ORLEANS, LA	HUGHES 269A N-8808F DAMAGE -SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL TRAINING	PRIVATE, AGE 43, 323 TOTAL HOURS, 26 IN TYPE.
TYPE OF ACCIDENT COLLISION WITH GROUND/WATER UNCONTROLLED			PHASE OF OPERATION TAXI AERIAL TAXI TO/FROM LANDING			
PROBABLE CAUSE PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.						
REMARKS- ACFT SPUN TO THE RIGHT STRUCK THE GROUND AND ROLLED OVER.						
2-0405	5/27/67 TIME - 1030	NR. HANCOCK, MINN	HUGHES 269A N-8924F DAMAGE -SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	COMMERCIAL AERIAL APPLIC	COMMERCIAL, AGE 36, 1092 TOTAL HOURS, 35 IN TYPE.
TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION ROLL OVER			PHASE OF OPERATION INFLIGHT FLAREOUT FOR SWATH RUN LANDING ROLL-ON/RUN-ON			
PROBABLE CAUSE POWERPLANT - MISCELLANEOUS - POWERPLANT FAILURE FOR UNDETERMINED REASONS						
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
2-0406	5/28/67 TIME - 1030	WHITE RIVER, ARIZ	BELL 47G3B1 N-73208 DAMAGE -SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL CTR PASSG - D	COMMERCIAL, FL. INSTR., AGE 34, 8800 TOTAL HOURS, 800 IN TYPE.
TYPE OF ACCIDENT COLLIDED WITH TREES			PHASE OF OPERATION LANDING POWER-ON LANDING			
PROBABLE CAUSE PILOT IN COMMAND - MISJUDGED CLEARANCE						
REMARKS- HELICOPTER TAIL ROTOR BLADE STRUCK SCRUB OAK UNDERBRUSH ON SELDOM USED MOUNTAINOUS HELD-PAD.						
2-0413	6/3/67 TIME - 0850	DEARBORN, MICH	BELL 47G N-953B DAMAGE -DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL AERIAL APPLIC	COMMERCIAL, FL. INSTR., AGE 40, 995 TOTAL HOURS, 91 IN TYPE.
TYPE OF ACCIDENT COLLIDED WITH TREES			PHASE OF OPERATION INFLIGHT SWATH RUN			
PROBABLE CAUSE PILOT IN COMMAND - MISJUDGED CLEARANCE						
FIRE AFTER IMPACT						
REMARKS- SPRAYING FAIRLANE ESTATE FOR MOSQUITO CONTROL.						

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA
				F	S	M/N		
2-0424	7/22/67 TIME - 0600	LEADVILLE, COLO	BELL 47G3B1 N-1334X DAMAGE - SUBSTANTIAL	CR- PX-	0 0	1 0	COMMERCIAL CONSTRUCTION	COMMERCIAL, FL. INSTR., AGE 41, 3937 TOTAL HOURS, 180 IN TYPE.
TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING				PHASE OF OPERATION INFLIGHT HOVERING LANDING POWER-OFF AUTOROTATIVE LANDING				
PROBABLE CAUSE POWERPLANT - ENGINE STRUCTURE - VALVE ASSEMBLIES MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- NO.2 CYL EXH VALVE FAILED. LYCOMING SERVICE BULLETIN 314 DTD JUN 23, 67 NOT COMPLIED WITH.								
2-0427	8/8/67 TIME - 1600	FINDLEY, OHIO	HUGHES 269A N-8724F DAMAGE - DESTROYED	CR- PX-	0 0	1 0	COMMERCIAL AERIAL APPLIC	COMMERCIAL, AGE 32, 3043 TOTAL HOURS, 27 IN TYPE.
TYPE OF ACCIDENT COLLIDED WITH CROP				PHASE OF OPERATION INFLIGHT STARTING SWATH RUN				
PROBABLE CAUSE PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE								
2-0429	9/2/67 TIME - 1030	NEW ORLEANS, LA	BENSEN B8M N-4971 DAMAGE - DESTROYED	CR- PX-	1 0	0 0	NONCOMMERCIAL PLEASURE	PRIVATE, AGE 40, 85 TOTAL HOURS, 12 IN TYPE.
TYPE OF ACCIDENT MISCELLANEOUS COLLISION WITH GROUND/WATER UNCONTROLLED				PHASE OF OPERATION INFLIGHT NORMAL CRUISE INFLIGHT UNCONTROLLED DESCENT				
PROBABLE CAUSE PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS FACTOR ROTOR ASSEMBLIES - TAIL ROTOR BLADES MISCELLANEOUS ACTS, CONDITIONS - SEPARATION IN FLIGHT REMARKS- ACFT MADE ABRUPT PULL-UP FOLLOWED BY ABRUPT PUSH-OVER. ROTOR BLADES STRUCK PROP AND RUDDER.								
2-0430	9/5/67 TIME - 0645	RENO, NEV	BELL 47G-5 N-1364X DAMAGE - SUBSTANTIAL	CR- PX-	0 0	0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL. INSTR., AGE 43, 4329 TOTAL HOURS, 1000 IN TYPE.
TYPE OF ACCIDENT NOSE OVER/DOWN				PHASE OF OPERATION TAKEOFF RUNNING				
PROBABLE CAUSE DUAL STUDENT - IMPROPER OPERATION OF FLIGHT CONTROLS PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN TERRAIN - OTHER REMARKS- LOG SKID CAUGHT IN CRACK IN SURFACE OF DRY LAKE BED USED FOR TAKEOFF PRACTICE.								

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
2-0488	7/19/67 TIME - 0700	MILWAUKEE, WISC	BRANTLY B2A N-67940 DAMAGE - DESTROYED	CR- 0 0 1 PX- 0 1 0	NONCOMMERCIAL PLEASURE	PRIVATE, AGE 46, 78 TOTAL HOURS, 77 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION			
STALL			LANDING POWER-ON LANDING			
ROLL OVER			LANDING LEVEL OFF/TOUCHDOWN			
PROBABLE CAUSE						
PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.						
TERRAIN - HIGH OBSTRUCTIONS						
FACTOR						
MISCELLANEOUS ACTS, CONDITIONS - POORLY PLANNED APPROACH						
REMARKS- PLT WAS APPROACHING TO LAND ON ROOF-TOP HELI PAD. ACFT TOUCHED DOWN ON 3FT HI PILE OF PIPE IN YARD.						
2-0490	7/30/67 TIME - 0915	EDGEWATER, FLA	DURKEE SKEETR N-4775S DAMAGE - DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL WILD LIFE SURVEY	COMMERCIAL, AGE 46, 12800 TOTAL HOURS, 500 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION			
ENGINE FAILURE OR MALFUNCTION			INFLIGHT NORMAL CRUISE			
STALL			LANDING POWER-OFF AUTOROTATIVE LANDING			
PROBABLE CAUSE						
PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS						
MISCELLANEOUS ACTS, CONDITIONS - IMPROPER OPER./FAILED TO USE CARB. HEAT/DEICING EQUIP.						
WEATHER - CONDITIONS CONDUCTIVE TO CARB./INDUCTION SYSTEM ICING						
PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.						
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
FIRE AFTER IMPACT						
REMARKS- HOMEBUILT CONFIGURED SIMILAR TO BELL 47G-2.						
2-0506	8/7/67 TIME - 1115	NR. AUGUSTA, MONT	BELL 47G-3B N-1357X DAMAGE - SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL CONSTRUCTION	COMMERCIAL, AGE 28, 1615 TOTAL HOURS, 415 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION			
COLLIDED WITH BUILDING/S			LANDING POWER-ON LANDING			
PROBABLE CAUSE						
PILOT IN COMMAND - MISJUDGED CLEARANCE						
FACTOR						
WEATHER - UNFAVORABLE WIND CONDITIONS						
REMARKS- US FOREST SERVICE CONTRACT CARRIER.						
2-0507	9/7/67 TIME - 1530	LEEVILLE, LA	BELL 47G-2 N-6700D DAMAGE - DESTROYED	CR- 0 1 0 PX- 0 2 0	COMMERCIAL AIR TAXI - PASSG	COMMERCIAL, AGE 26, 1356 TOTAL HOURS, 1051 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION			
HARD LANDING			LANDING LEVEL OFF/TOUCHDOWN			
ROLL OVER			LANDING LEVEL OFF/TOUCHDOWN			
PROBABLE CAUSE						
FLIGHT CONTROL SYSTEMS - STABILIZING SURFACES-DAMPERS						
MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE						
MAINTENANCE, SERVICING, INSPECTION - INADEQUATE MAINTENANCE AND INSPECTION						
EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT						
DIRECTIONAL CONTROL PROBLEM						
REMARKS- OVER-WATER FLIGHT TO OFFSHORE OIL DRILLING RIG. MAIN ROTOR STABILIZER BAR DAMPERS MALFUNCTIONED.						

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA	
				F	S	M/N			
2-0515	4/11/67 TIME - 1330	GREENVILLE,MICH	BELL 47G N-2469B DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	1 0	MISCELLANEOUS EXPERIMENTATION	COMMERCIAL,FL.INSTR., AGE 38, 5388 TOTAL HOURS, 3000 IN TYPE.
TYPE OF ACCIDENT MISCELLANEOUS COLLIDED WITH DIRT BANK				PHASE OF OPERATION TAKEOFF VERTICAL INFLIGHT OTHER					
PROBABLE CAUSE PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN									
FACTOR MISCELLANEOUS ACTS,CONDITIONS - JETTISONED LOAD									
REMARKS- PLT LOST CONTROL WHEN SLING LOAD DUG INTO SOFT TERRAIN.CHOSEN AREA HAD MARGINAL MANEUVERING SPACE.									
2-0516	5/22/67 TIME - 0700	NR.SWANTON,NEBR	BRANTLY B-2B N-2288U DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	1 0	COMMERCIAL AERIAL APPLIC	COMMERCIAL, AGE 26, 1375 TOTAL HOURS, 70 IN TYPE.
TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION ROLL OVER				PHASE OF OPERATION INFLIGHT PROCEDURE TURNAROUND LANDING POWER-OFF AUTOROTATIVE LANDING					
PROBABLE CAUSE PILOT IN COMMAND - MISMANAGEMENT OF FUEL SYSTEM MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION TERRAIN - WET,SOFT GROUND									
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND									
REMARKS- LOW ON FUEL.INTAKE LINE UNCOVERED DURING PROCEDURE TURNAROUND.SPRAWLING PASTURE.									
2-0517	6/19/67 TIME - 0930	CASTELLA,CALIF	BELL 47G-3B N-73241 DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	1 2	COMMERCIAL AIR TAXI - PASSG	COMMERCIAL, AGE 43, 10213 TOTAL HOURS, 2456 IN TYPE.
TYPE OF ACCIDENT MISCELLANEOUS HARD LANDING				PHASE OF OPERATION INFLIGHT HOVERING LANDING LEVEL OFF/TOUCHDOWN					
PROBABLE CAUSE PILOT IN COMMAND - EXERCISED POOR JUDGMENT MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS									
EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPORT SUSPECTED OR KNOWN AIRCRAFT DAMAGE									
REMARKS- CHUTE LEFT NEAR HELISPOT BY SMOKE JUMPER WAS DRAWN INTO ROTOR BLADES.PLT SAW CHUTE BEFORE HE LNDED									

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA	
				F	S	M/N			
2-0518	6/28/67 TIME - 1430	NR.PAPILLION,NEBR	HUGHES 269B N-9350F DAMAGE -DESTROYED	CR- PX-	0 0	1 0	0 0	COMMERCIAL AERIAL APPLIC	COMMERCIAL,FL.INSTR., AGE 27, 448 TOTAL HOURS, 220 IN TYPE.
TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES			PHASE OF OPERATION INFLIGHT EN ROUTE TO TREAT CROP						
PROBABLE CAUSE PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS									
REMARKS- HIT WIRE WHILE DESCENDING INTO FIELD TO START SWATH RUN.SEVERAL POWER LINES TRAVERSED FIELD.									
2-0519	7/3/67 TIME - 1300	TROY,MICH	BRANTLY B-2 N-2127U DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	2 0	INSTRUCTIONAL DUAL	COMMERCIAL,FL.INSTR., AGE 45, 14000 TOTAL HOURS, 10 IN TYPE.
TYPE OF ACCIDENT ROLL OVER			PHASE OF OPERATION LANDING POWER-ON LANDING						
PROBABLE CAUSE DUAL STUDENT - IMPROPER COMPENSATION FOR WIND CONDITIONS PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT									
FACTOR WEATHER - UNFAVORABLE WIND CONDITIONS									
REMARKS- WIND 10 KTS GUSTING 20 KTS. ACFT TOUCHED DOWN SKIDDING TO THE LEFT.									
2-0520	7/6/67 TIME - 0644	WINSTON,N MEX	BELL 47G381 N-1320X DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	1 2	COMMERCIAL AIR TAXI - PASSG	COMMERCIAL, AGE 27, 2025 TOTAL HOURS, 2000 IN TYPE.
TYPE OF ACCIDENT STALL MUSH			PHASE OF OPERATION TAKEOFF INITIAL CLIMB						
PROBABLE CAUSE PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.									
FACTOR WEATHER - HIGH DENSITY ALTITUDE TERRAIN - HIGH OBSTRUCTIONS MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G.									
REMARKS- U.S.FOREST SERVICE CONTRACT.ACFT APPROX 48 LBS OVER MAX CERT GROSS WT.DENS ALT APPROX 11000 FT.									
2-0521	8/22/67 TIME - 1630	GLEN ALLAN,MISS	BELL 47D1 N-8282E DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	1 0	COMMERCIAL AERIAL APPLIC	COMMERCIAL, AGE 24, 600 TOTAL HOURS, 300 IN TYPE.
TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING			PHASE OF OPERATION INFLIGHT SWATH RUN LANDING OTHER						
PROBABLE CAUSE POWERPLANT - ENGINE STRUCTURE - MASTER AND CONNECTING RODS MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND FIRE AFTER IMPACT									
REMARKS- NO.1 CON ROD FAILED UNDER CONDITIONS THAT PRECLUDED A SUCCESSFUL EMERGENCY LNDG.									

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA
				F	S	M/N		
2-0522	9/3/67 TIME - 1300	WALKER BASIN,CAL	HUGHES 269A N-8900F DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	1 1 NONCOMMERCIAL PLEASURE	COMMERCIAL,FL.INSTR., AGE 22, 485 TOTAL HOURS, 400 IN TYPE.
TYPE OF ACCIDENT STALL MUSH				PHASE OF OPERATION TAKEOFF VERTICAL				
PROBABLE CAUSE PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. FACTOR WEATHER - HIGH DENSITY ALTITUDE REMARKS- PLT MADE JUMP TAKEOFF FROM CONFINED AREA.								
2-0523	9/15/67 TIME - 1330	SHIPPENSBURG,PA	BELL 47G-2 N-866Z DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	1 2 NONCOMMERCIAL BUSINESS	PRIVATE, AGE 38, 87 TOTAL HOURS, 55 IN TYPE.
TYPE OF ACCIDENT COLLIDED WITH TREES				PHASE OF OPERATION INFLIGHT HOVERING				
PROBABLE CAUSE PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS FACTOR WEATHER - UNFAVORABLE WIND CONDITIONS REMARKS- PLT ENCOUNTERED GUSTY XWIND DURING PRELANDING HOVER.								
2-0540	6/12/67 TIME - 0830	LAPLACE,LA	SIKORSKY HRS-1 N-4957S DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	1 5 NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 19, 556 TOTAL HOURS, 79 IN TYPE.
TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH OBJECT				PHASE OF OPERATION TAKEOFF INITIAL CLIMB LANDING POWER-OFF AUTOROTATIVE LANDING				
PROBABLE CAUSE PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS FACTOR TERRAIN - OTHER EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- LNDG ON PHONE CO.RT OF WAY FULL OF STUMPS AND WATER HOLES.								
2-0546	8/8/67 TIME - 0915	HOLOMAN AFB N MEX	BELL 47G3B1 N-1361X DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	2 0 COMMERCIAL MIL/CTR PASSG	COMMERCIAL, AGE 46, 4967 TOTAL HOURS, 658 IN TYPE.
TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE TAIL ROTOR HARD LANDING				PHASE OF OPERATION LANDING FINAL APPROACH LANDING OTHER				
PROBABLE CAUSE PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS FACTOR MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND SUSPECTED OR KNOWN AIRCRAFT DAMAGE PROP/ENGINE VIBRATION REMARKS- MAIN ROTOR BLADE STRUCK TAIL ROTOR DRIVE SHAFT.SHORT SHAFT CAME OFF IN FLIGHT.								

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA
				F	S	M/N		
2-0548	8/22/67 TIME - 1110	KINGSTON, NH	BELL 47G-5 N-8592F DAMAGE -DESTROYED	CR- PX-	1 0	0 1	0 0 NONCOMMERCIAL PLEASURE	COMMERCIAL, AGE 39, UNKNOWN TOTAL HOURS, 185 IN TYPE.
TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES			PHASE OF OPERATION INFLIGHT LOW PASS					
PROBABLE CAUSE PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS MISCELLANEOUS ACTS, CONDITIONS - UNWARRENTED LOW FLYING FACTOR MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER								
2-0549	9/8/67 TIME - 0730	LONG BEACH, CALIF	BELL 47D1 N-74119 DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	2 0 INSTRUCTIONAL DUAL	COMMERCIAL, FL. INSTR., AGE 43, 2486 TOTAL HOURS, 412 IN TYPE.
TYPE OF ACCIDENT STALL			PHASE OF OPERATION INFLIGHT HOVERING					
PROBABLE CAUSE PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS REMARKS- WHILE AT A 5 FT HOVER WITH A RT QUARTERING TAIL WIND OF ABOUT 4 KTS, N74119 SUDDENLY FELL TO GROUND								
2-0550	9/23/67 TIME - 1350	NR. JUNEAU, ALAS	HILLER UH-12E N-9756C DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	1 2 COMMERCIAL AIR TAXI - PASSG	COMMERCIAL, AGE 46, 1625 TOTAL HOURS, 610 IN TYPE.
TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING			PHASE OF OPERATION INFLIGHT NORMAL CRUISE LANDING POWER-OFF AUTOROTATIVE LANDING					
PROBABLE CAUSE PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING MAINTENANCE, SERVICING, INSPECTION - IMPROPERLY SERVICED AIRCRAFT MISCELLANEOUS ACTS, CONDITIONS - OIL STARVATION EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- OIL SUMP DRAIN NOT CLOSED AFTER OIL CHANGE. PLT AND MECH ADDED OIL PRIOR TO FLITE. T/R STRUCK GROUND								
2-0573	6/30/67 TIME - 0930	TULSA, OKLA	HUGHES 269A N-8733F DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	2 0 INSTRUCTIONAL DUAL	COMMERCIAL, FL. INSTR., AGE 24, 1384 TOTAL HOURS, 340 IN TYPE.
TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION MISCELLANEOUS			PHASE OF OPERATION TAKEOFF INITIAL CLIMB LANDING POWER-OFF AUTOROTATIVE LANDING					
PROBABLE CAUSE PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS FACTOR MISCELLANEOUS ACTS, CONDITIONS - SIMULATED CONDITIONS REMARKS- MAIN ROTOR STRUCK TAIL BOOM DURING RUN-ON LN0G.								

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA
				F	S	M/N		
2-0576	7/20/67 TIME - 1300	SAN BRNDINO CALIF	BELL 47H-1 N-1211 DAMAGE -SUBSTANTIAL	CR- PX-	0 0	1 1	COMMERCIAL AIR TAXI - PASSG	COMMERCIAL, AGE 34, 3595 TOTAL HOURS, 800 IN TYPE.
		TYPE OF ACCIDENT STALL MUSH			PHASE OF OPERATION TAKEDOFF INITIAL CLIMB			
		PROBABLE CAUSE PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS						
		FACTOR WEATHER - HIGH TEMPERATURE						
2-0581	8/2/67 TIME - 1445	MARANA, ARIZ.	BELL 47G3B1 N-1181W DAMAGE -SUBSTANTIAL	CR- PX-	0 0	1 2	COMMERCIAL MAPPING/PHOTO	COMMERCIAL, FL. INSTR., AGE 28, 1050 TOTAL HOURS, 400 IN TYPE.
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING			PHASE OF OPERATION INFLIGHT NORMAL CRUISE LANDING POWER-OFF AUTOROTATIVE LANDING			
		PROBABLE CAUSE PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS						
		FACTOR MISCELLANEOUS ACTS, CONDITIONS - SIMULATED CONDITIONS WEATHER - HIGH DENSITY ALTITUDE WEATHER BRIEFING - NO BRIEFING RECEIVED						
2-0585	8/25/67 TIME - 2300	TYONEK, ALAS	SIKORSKY S-62A N-10060 DAMAGE -SUBSTANTIAL	CR- PX-	0 0	1 1	COMMERCIAL AIR TAXI - CARGO	COMMERCIAL, AGE 45, 11000 TOTAL HOURS, 600 IN TYPE.
		TYPE OF ACCIDENT ROLL OVER			PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN			
		PROBABLE CAUSE PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS REMARKS- ACFT WAS DRIFTING SIDEWAYS AT TOUCHDOWN.						
2-0588	9/17/67 TIME - 1630	SANTA ANA, CALIF	HUGHES 269A N-8879F DAMAGE -SUBSTANTIAL	CR- PX-	0 0	2 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL. INSTR., AGE 41, 578 TOTAL HOURS, 371 IN TYPE.
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER GEAR COLLAPSED	CONTROLLED		PHASE OF OPERATION INFLIGHT HOVERING LANDING POWER-OFF AUTOROTATIVE LANDING			
		PROBABLE CAUSE DUAL STUDENT - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS DUAL STUDENT - IMPROPER OPERATION OF FLIGHT CONTROLS PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT						
		FACTOR MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE REMARKS- TAIL ROTOR STRUCK GRND DURING HOVERING RT TURN. ACFT WAS LANDED WHILE SPINNING TO RT.						

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA
				F	S	M/N		
2-0589	9/18/67 TIME - 1530	RUSSELLVILLE, ARK	BELL 47D1 N-903B DAMAGE - SUBSTANTIAL	CR- PX-	0 0	0 0	1 0	MISCELLANEOUS FERRY COMMERCIAL, AGE 44, 9000 TOTAL HOURS, 3600 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION					
ENGINE FAILURE OR MALFUNCTION			INFLIGHT NORMAL CRUISE					
COLLIDED WITH TREES			LANDING POWER-OFF AUTOROTATIVE LANDING					
PROBABLE CAUSE								
PWR PLT-NO.2 CYL CON ROD CAP BOLT FAILED.								
MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE								
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND								
REMARKS- FRANKLIN PN19632.								
2-0590	9/20/67 TIME - 0605	EMPIRE, LA	BELL 47G-2A N-5179B DAMAGE - SUBSTANTIAL	CR- PX-	0 0	0 0	1 0	COMMERCIAL AIR TAXI - PASSG COMMERCIAL, AGE 43, 3414 TOTAL HOURS, 702 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION					
ROLL OVER			TAKEOFF VERTICAL					
PROBABLE CAUSE								
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING								
REMARKS- FAILED TO UNTIE ONE SIDE OF TIE-DOWN CABLES.								
2-0594	7/19/67 TIME - 1100	CAPE CANAVERL FLA	HUGHES 269A N-8854F DAMAGE - SUBSTANTIAL	CR- PX-	0 0	0 0	1 1	MISCELLANEOUS OTHER PUBLIC COMMERCIAL, AGE 44, 15000 TOTAL HOURS, 350 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION					
ENGINE FAILURE OR MALFUNCTION			TAKEOFF INITIAL CLIMB					
HARD LANDING			LANDING LEVEL OFF/TOUCHDOWN					
PROBABLE CAUSE								
MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS								
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND								
REMARKS- EXHAUST SET GRASS FIRE. CARB INDUCT SYS INGESTED SMOKE AND HOT AIR, CAUSED PWR LOSS. MOSQUITO CONTROL								
2-0605	8/10/67 TIME - 0900	NR. LIVINGSTON, MONT	BELL 47G-3 N-8416F DAMAGE - SUBSTANTIAL	CR- PX-	0 0	0 0	1 0	NONCOMMERCIAL PRACTICE STUDENT, AGE 18, 30 TOTAL HOURS, NONE IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION					
COLLISION WITH GROUND/WATER UNCONTROLLED			INFLIGHT UNCONTROLLED DESCENT					
PROBABLE CAUSE								
PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL								
MISCELLANEOUS - UNQUALIFIED PERSON OPERATED AIRCRAFT								
FACTOR								
MISCELLANEOUS ACTS, CONDITIONS - STOLEN OR UNAUTHORIZED USE OF AIRCRAFT								
REMARKS- PLT LOST CONTROL WHILE ATTEMPTING TO HOVER. ACFT STRUCK GRND TAIL LOW WHILE SPINNING.								

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N			FLIGHT PURPOSE	PILOT DATA
2-0620	7/27/67 TIME - 1018	NR.CORDOVA,ALAS	BELL 47G-2 N-8406E DAMAGE -DESTROYED	CR- PX-	1 0	0 0	COMMERCIAL CTR CARGO - D	COMMERCIAL,FL.INSTR., AGE 35, 3250 TOTAL HOURS, 900 IN TYPE.
TYPE OF ACCIDENT COLLIDED WITH OBJECT			PHASE OF OPERATION LANDING POWER-ON LANDING					
PROBABLE CAUSE PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS								
REMARKS- MAIN ROTOR STRUCK TRIPODAL TRIANGULATION MARKER ON MTN.ACFT TUMBLED DOWN MTNSIDE.								
2-0622	7/17/67 TIME - 1655	CARPINTERIA,CALIF	BELL 206A N-7847S DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	COMMERCIAL OTHER	COMMERCIAL, AGE 44, 360 TOTAL HOURS, 175 IN TYPE.
TYPE OF ACCIDENT COLLIDED WITH OBJECT			PHASE OF OPERATION TAXI AERIAL TAXI TO TAKEOFF					
PROBABLE CAUSE PILOT IN COMMAND - MISJUDGED CLEARANCE								
EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT SUSPECTED OR KNOWN AIRCRAFT DAMAGE								
REMARKS- T/R STRUCK GAS PUMP HANDLE DURING CLEARING TURN.								
2-0625	7/11/67 TIME - 1940	NR.BEAVAR,ALAS	BELL 47G-2 N-499EA DAMAGE -DESTROYED	CR- PX-	0 0	1 0	COMMERCIAL CTR PASSG - D	COMMERCIAL, AGE 29, 1250 TOTAL HOURS, 35 IN TYPE.
TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE TAIL ROTOR COLLISION WITH GROUND/WATER UNCONTROLLED			PHASE OF OPERATION LANDING FINAL APPROACH INFLIGHT UNCONTROLLED DESCENT					
PROBABLE CAUSE ROTORCFT-ANTITORQUE CONTROL LOSS-CAUSE UNDETERMND.								
FLIGHT CONTROL SYSTEMS - TAIL ROTOR PITCH CONTROL SYSTEM								
FIRE AFTER IMPACT								
REMARKS- CONFINED AREA OPERATION.								
2-0627	8/18/67 TIME - 1430	NR.SELDOVIA,ALAS	BELL 204-B N-288PH DAMAGE -DESTROYED	CR- PX-	0 0	1 0	COMMERCIAL AIR TAXI - CARGO	ATR,FLIGHT INSTR., AGE 31, 10000 TOTAL HOURS, 370 IN TYPE.
TYPE OF ACCIDENT MISCELLANEOUS COLLIDED WITH TREES			PHASE OF OPERATION INFLIGHT HOVERING INFLIGHT UNCONTROLLED DESCENT					
PROBABLE CAUSE MISCELLANEOUS - FOREIGN OBJECT DAMAGE								
ROTOR ASSEMBLIES - TAIL ROTOR BLADES								
FIRE AFTER IMPACT								
REMARKS- SLING LOAD ROPE BROKE AT POINT WEAKENED BY CUT, WRAPPED AROUND TAIL ROTOR SYS,CAUSED CONTROL LOSS.								

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
2-0628	8/22/67 TIME - 1630	NR. LAKE TAHOE, CALIF	BELL 47G3B1 N-1183W DAMAGE - DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI - PASSG	COMMERCIAL, AGE 39, 2778 TOTAL HOURS, 1998 IN TYPE.
TYPE OF ACCIDENT COLLISION WITH GROUND/WATER			UNCONTROLLED		PHASE OF OPERATION INFLIGHT UNCONTROLLED DESCENT	
PROBABLE CAUSE PILOT-LOSS OF CONTROL DUE TO IMPROPER LIFT OFF. REMARKS- SLOPE LIFT OFF FROM JAGGED MTN SIDE.						
2-0629	9/1/67 TIME - 1745	WESTFIELD, ME	BELL 47G-5 N-7800S DAMAGE - DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLIC	COMMERCIAL, AGE 34, 3050 TOTAL HOURS, 145 IN TYPE.
TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES					PHASE OF OPERATION INFLIGHT STARTING SWATH RUN	
PROBABLE CAUSE PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS						
2-0630	9/1/67 TIME - 1250	PITTSFIELD, PA	SIKORSKY S-55B N-6872C DAMAGE - DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLIC	COMMERCIAL, AGE 40, 6395 TOTAL HOURS, 264 IN TYPE.
TYPE OF ACCIDENT MISCELLANEOUS COLLIDED WITH TREES					PHASE OF OPERATION INFLIGHT PROCEDURE TURNAROUND LANDING OTHER	
PROBABLE CAUSE FLIGHT CONTROL SYSTEMS - CYCLIC PITCH CONTROL SYSTEM ROTOR ASSEMBLIES - BEARINGS MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND LATERAL CONTROL PROBLEM DIRECTIONAL CONTROL PROBLEM FIRE AFTER IMPACT REMARKS- STAR ASSY NOT IN PLACE, DUE LOSS OF BEARINGS FROM BEARING ASSY PN SB-1552-1-2. LATERAL CONTROL LOST.						
2-0632	2/4/67 TIME - 1030	CULVER CITY, CALIF	HUGHES 269B N-9316F DAMAGE - SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL. INSTR., AGE 45, 10823 TOTAL HOURS, 2083 IN TYPE.
TYPE OF ACCIDENT MISCELLANEOUS HARD LANDING					PHASE OF OPERATION TAKEOFF INITIAL CLIMB LANDING POWER-OFF AUTOROTATIVE LANDING	
PROBABLE CAUSE TRANSMISSION ROTOR DRIVE SYSTEM - CLUTCH ASSEMBLY MISCELLANEOUS ACTS, CONDITIONS - DISCONNECTED MISCELLANEOUS ACTS, CONDITIONS - FATIGUE FRACTURE MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE MISCELLANEOUS ACTS, CONDITIONS - BINDING MISCELLANEOUS ACTS, CONDITIONS - LACK OF LUBRICATION-SPECIFIC PART, NOT SYSTEM EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPORT REMARKS- ATTACH FITTING OF CLUTCH ACTUATOR ELECTRO MECHANICAL UNIT FAILED. NO LUBRICATION ON PIN OR FITTING.						

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA	
				F	S	M/N			
2-0633	8/29/67 TIME - 1424	WINDSOR LOCKS, CONN	SIKORSKY S-51 N-13301 DAMAGE - SUBSTANTIAL	CR- PX-	0 0	0 2	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, TOTAL HOURS,	AGE 44, 7705 2000 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION						
PROPELLER/ROTOR FAILURE TAIL ROTOR			TAKEOFF INITIAL CLIMB						
COLLISION WITH GROUND/WATER UNCONTROLLED			INFLIGHT UNCONTROLLED DESCENT						
PROBABLE CAUSE									
TRANSMISSION ROTOR DRIVE SYSTEM - TAIL ROTOR DRIVE SHAFT ASSEMBLY									
ROTORCFT-INTERMEDIATE DRIVE SHAFT RIVETS SHEARED.									
MISCELLANEOUS ACTS, CONDITIONS - FATIGUE FRACTURE									
REMARKS- ANTI TORQUE CONTROL LOSS.									
2-0634	9/8/67 TIME - 1220	IRVING, TEX	BELL 4701 N-8116 DAMAGE - SUBSTANTIAL	CR- PX-	0 0	0 1	NONCOMMERCIAL BUSINESS	COMMERCIAL, TOTAL HOURS,	AGE 45, 2000 ALL IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION						
ROLL OVER			TAKEOFF VERTICAL						
PROBABLE CAUSE									
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING									
MISCELLANEOUS ACTS, CONDITIONS - IMPROPERLY SECURED									
REMARKS- UNSECURED TIEDOWN CHAIN BLEW ONTO AND SNAGGED SKID ON LIFT OFF FROM TRAILER.									
2-0635	9/21/67 TIME - 1345	CURRITUCK, NC	BELL 4701 N-9115R DAMAGE - SUBSTANTIAL	CR- PX-	0 0	0 0	COMMERCIAL AERIAL APPLIC	COMMERCIAL, TOTAL HOURS,	AGE 30, 1890 1302 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION						
COLLIDED WITH WIRES/POLES			INFLIGHT SWATH RUN						
PROBABLE CAUSE									
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING									
PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS									
2-0636	9/23/67 TIME - 1705	MINERAL WELLS, TEX	HUGHES 269A N-8818F DAMAGE - SUBSTANTIAL	CR- PX-	0 0	0 0	INSTRUCTIONAL DUAL	ATR, FLIGHT INSTR., 7789 TOTAL HOURS,	AGE 39, 900 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION						
ENGINE FAILURE OR MALFUNCTION			INFLIGHT AUTOROTATIVE DESCENT						
HARD LANDING			LANDING POWER-OFF AUTOROTATIVE LANDING						
PROBABLE CAUSE									
POWERPLANT - FUEL SYSTEM - CARBURETOR									
MAINTENANCE, SERVICING, INSPECTION - INADEQUATE MAINTENANCE AND INSPECTION									
PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS									
PILOT IN COMMAND - IMPROPER LEVEL OFF									
FACTOR									
MISCELLANEOUS ACTS, CONDITIONS - SIMULATED CONDITIONS									
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND									
REMARKS- ENG FAILED DURING ATTEMPTED POWER RECOVERY FROM A SIMULATED FORCED LNDG.									

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA
				F	S	M/N		
2-0648	9/16/67	PALMYRA, NY TIME - 1600	BENSEN 88M N-538Y DAMAGE -DESTROYED	CR- PX-	1 0	0 0	NONCOMMERCIAL PLEASURE	STUDENT, AGE 42, UNKNOWN TOTAL HOURS, UNKNOWN IN TYPE.
TYPE OF ACCIDENT MISCELLANEOUS COLLISION WITH GROUND/WATER UNCONTROLLED				PHASE OF OPERATION INFLIGHT LOW PASS INFLIGHT UNCONTROLLED DESCENT				
PROBABLE CAUSE PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS								
REMARKS- ROTOR BLADES STRUCK PROPELLER DURING FLIGHT.								
2-0649	9/15/67	MIAMI, FLA TIME - 1615	BELL 47H-1 N-2475B DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	COMMERCIAL AIR TAXI - PASSG	COMMERCIAL, AGE 39, 4075 TOTAL HOURS, 5 IN TYPE.
TYPE OF ACCIDENT TURBULENCE COLLISION WITH GROUND/WATER UNCONTROLLED				PHASE OF OPERATION TAKEOFF INITIAL CLIMB TAKEOFF INITIAL CLIMB				
PROBABLE CAUSE MISCELLANEOUS - VORTEX TURBULENCE PILOT IN COMMAND - MISJUDGED DISTANCE								
REMARKS- PLT FLEW INTO VORTEX OF ANOTHER HELIC DURING FORMATION TAKE OFF-LOST CONTROL.								
2-0655	3/8/67	PEACH SPRNGS, ARIZ TIME - 1400	HILLER UH-12E N-5341V DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	COMMERCIAL CTR PASSG - D	COMMERCIAL, AGE 45, 7000 TOTAL HOURS, 1700 IN TYPE.
TYPE OF ACCIDENT COLLIDED WITH TREES				PHASE OF OPERATION LANDING POWER-ON LANDING				
PROBABLE CAUSE PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS								
REMARKS- USGS CONTRACT-TAIL SWUNG SIDEWAYS INTO TREE DURING LDG ON MTN CLEARING.								
2-0656	5/30/67	LAKEWOOD, CALIF TIME - 1832	HUGHES 269B N-9458F DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	MISCELLANEOUS POLICE PATROL	COMMERCIAL, FL. INSTR., AGE 29, 1271 TOTAL HOURS, 794 IN TYPE.
TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH WIRES/POLES				PHASE OF OPERATION INFLIGHT NORMAL CRUISE LANDING POWER-OFF AUTOROTATIVE LANDING				
PROBABLE CAUSE POWERPLANT - ENGINE STRUCTURE - MASTER AND CONNECTING RODS MISCELLANEOUS ACTS, CONDITIONS - WRONG PART MISCELLANEOUS ACTS, CONDITIONS - FATIGUE FRACTURE MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE MAINTENANCE, SERVICING, INSPECTION - INADEQUATE MAINTENANCE AND INSPECTION								
FACTOR MISCELLANEOUS ACTS, CONDITIONS - LOOSE, PART/FITTING								
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND								
REMARKS- IMPROPER CON ROD BOLTS, PN 75060, IN NO.4 CYL FAILED-CAUSED FAILURE NO 4 CON ROD PN 74502.								

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA	
				F	S	M/N			
2-0657	10/16/67	CALABASAS,CALIF TIME - 1645	BELL 204-B N-7904S DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	1 0	COMMERCIAL FIRE CONTROL	COMMERCIAL, AGE 32, 5298 TOTAL HOURS, 41 IN TYPE.
TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES			PHASE OF OPERATION INFLIGHT PULLUP FROM SWATH RUN						
PROBABLE CAUSE PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS WEATHER - OBSTRUCTIONS TO VISION MISCELLANEOUS ACTS,CONDITIONS - SUNGLARE									
2-0658	10/5/67	ALAMOGORDO,N MEX TIME - 1415	BELL 47G3B1 N-1337X DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	2 0	INSTRUCTIONAL DUAL	COMMERCIAL,FL.INSTR., AGE 45, 8583 TOTAL HOURS, 3277 IN TYPE.
TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING			PHASE OF OPERATION INFLIGHT NORMAL CRUISE LANDING POWER-OFF AUTOROTATIVE LANDING						
PROBABLE CAUSE MISCELLANEOUS ACTS,CONDITIONS - SIMULATED CONDITIONS DUAL STUDENT - IMPROPER LEVEL OFF PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT									
2-0659	10/4/67	PT.WORONZOFF,ALAS TIME - 1115	SIKORSKY S-55B N-5096V DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	2 0	INSTRUCTIONAL DUAL	COMMERCIAL, AGE 33, 4800 TOTAL HOURS, 1000 IN TYPE.
TYPE OF ACCIDENT COLLIDED WITH OBJECT			PHASE OF OPERATION STATIC ENGINE RUNUP						
PROBABLE CAUSE PILOT IN COMMAND - MISJUDGED CLEARANCE PILOT-PARKED TOO CLOSE TO OBSTRUCTION. FACTOR WEATHER - UNFAVORABLE WIND CONDITIONS REMARKS- WIND GUSTY 20-30 KTS.M/R BLADE STRUCK GAS PUMP.									
2-0668	10/1/67	CORONA,CALIF TIME - 1745	HUGHES 269B N-9329F DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	1 0	NONCOMMERCIAL BUSINESS	COMMERCIAL, AGE 38, 3200 TOTAL HOURS, ALL IN TYPE.
TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH TREES			PHASE OF OPERATION LANDING FINAL APPROACH LANDING POWER-OFF AUTOROTATIVE LANDING						
PROBABLE CAUSE TRANSMISSION ROTOR DRIVE SYSTEM - MAIN ROTOR PULLEYS,BELTS MISCELLANEOUS ACTS,CONDITIONS - IMPROPER ALIGNMENT/ADJUSTMENT MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE MAINTENANCE,SERVICING,INSPECTION - INADEQUATE MAINTENANCE AND INSPECTION FACTOR MISCELLANEOUS ACTS,CONDITIONS - LACK OF LUBRICATION-SPECIFIC PART,NOT SYSTEM MISCELLANEOUS ACTS,CONDITIONS - OVERHEATED EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- BELT DRIVE ASSY BEARINGS PN 5050-13 SEIZED-IDLER PULLEY ARMS FAILED.									

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
2-0673	7/10/67 TIME - 1800	ADELANTO,CALIF	UJIHARA 88M N-6550C DAMAGE -DESTROYED	CR- 1 0 0 PX- 0 0 0	MISCELLANEOUS TEST	PRIVATE, AGE 35, 6000 TOTAL HOURS, NONE IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION			
COLLISION WITH GROUND/WATER UNCONTROLLED			INFLIGHT UNCONTROLLED DESCENT			
PROBABLE CAUSE						
PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS						
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS						
PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT						
WEATHER - UNFAVORABLE WIND CONDITIONS						
FACTOR						
MISCELLANEOUS ACTS,CONDITIONS - CARBON MONOXIDE POISONING						
REMARKS- CO LEVEL 32 PERCENT-SOURCE UNKNOWN.WIND 15K GUSTING 30K.ROLLED TO RT,WAS NEARLY INVERTED AT IMPACT						
2-0674	8/6/67 TIME - 1815	CLEARLAKE,CALIF	BELL 47G-3B N-73285 DAMAGE -SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL ASSOC FIRE CTL	COMMERCIAL,FL.INSTR., AGE 33, 8857 TOTAL HOURS, 768 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION			
ENGINE FAILURE OR MALFUNCTION			LANDING FINAL APPROACH			
HARD LANDING			LANDING POWER-OFF AUTOROTATIVE LANDING			
PROBABLE CAUSE						
POWERPLANT - MISCELLANEOUS - POWERPLANT FAILURE FOR UNDETERMINED REASONS						
PILOT IN COMMAND - IMPROPER LEVEL OFF						
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS						
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
REMARKS- MAIN ROTOR STRUCK TAIL SECTION ON TOUCH DOWN.						
2-0676	10/12/67 TIME - 0745	NR.SILVERTHORNE,COLO	BELL 47G-3B N-1397X DAMAGE -SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 46, 554 TOTAL HOURS, 160 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION			
HARD LANDING			LANDING POWER-ON LANDING			
ROLL OVER			LANDING POWER-ON LANDING			
PROBABLE CAUSE						
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS						
PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS						
FACTOR						
WEATHER - UNFAVORABLE WIND CONDITIONS						

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA
				F	S	M/N		
2-0716	10/20/67 TIME - 0925	VAN NUYS,CALIF	LOCKHEED L-286 N-265LC DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	1 NONCOMMERCIAL PRACTICE	COMMERCIAL, AGE 50, 13000 TOTAL HOURS, 8 IN TYPE.
TYPE OF ACCIDENT HARD LANDING GEAR COLLAPSED				PHASE OF OPERATION LANDING POWER-ON LANDING LANDING LEVEL OFF/TOUCHDOWN				
PROBABLE CAUSE PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS FACTOR MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE								
2-0720	5/12/67 TIME - 1030	NR.FEDERAL DAM,MINN	HUGHES 269B N-700 DAMAGE -DESTROYED	CR- PX-	1 1	0 0	0 NONCOMMERCIAL WILD LIFE SURVEY	COMMERCIAL,FL.INSTR., AGE 53, 6116 TOTAL HOURS, 589 IN TYPE.
TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLISION WITH GROUND/WATER UNCONTROLLED				PHASE OF OPERATION UNK/NR INFLIGHT UNCONTROLLED DESCENT				
PROBABLE CAUSE POWERPLANT - MISCELLANEOUS - OTHER MAINTENANCE,SERVICING,INSPECTION - INADEQUATE MAINTENANCE AND INSPECTION PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. MISSING AIRCRAFT-LATER RECOVERED REMARKS- RECOVER DATE 5/13/67.ON FLOATS.FORWARD BUMPER PLUG PN269A5513 NOT INSTALLED.40.9 HR SINCE OVERHAUL								
2-0721	6/16/67 TIME - 1645	EAST SYRACUSE,NY	BELL 47G-2 N-8421E DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	1 COMMERCIAL AERIAL APPLIC	COMMERCIAL, AGE 32, 4000 TOTAL HOURS, 1200 IN TYPE.
TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE TAIL ROTOR HARD LANDING				PHASE OF OPERATION INFLIGHT SWATH RUN LANDING POWER-ON LANDING				
PROBABLE CAUSE FLIGHT CONTROL SYSTEMS - TAIL ROTOR PITCH CONTROL SYSTEM MISCELLANEOUS ACTS,CONDITIONS - BINDING MISCELLANEOUS ACTS,CONDITIONS - IMPROPER ALIGNMENT/ADJUSTMENT MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE MAINTENANCE,SERVICING,INSPECTION - INADEQUATE MAINTENANCE AND INSPECTION EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND DIRECTIONAL CONTROL PROBLEM								
2-0723	6/18/67 TIME - 1635	KLAMATH FALL,OREG	HUGHES 269A N-8834F DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	1 INSTRUCTIONAL TRAINING	STUDENT, AGE 49, 76 TOTAL HOURS, ALL IN TYPE.
TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING				PHASE OF OPERATION INFLIGHT NORMAL CRUISE LANDING POWER-OFF AUTOROTATIVE LANDING				
PROBABLE CAUSE PILOT IN COMMAND - MISMANAGEMENT OF FUEL SYSTEM MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. FACTOR WEATHER - HIGH DENSITY ALTITUDE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- LOST ROTOR RPM WHILE TRYING TO REACH AIRFIELD.DENSITY ALT 6428 FT.								

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA
				F	S	M/N		
2-0727	8/23/67	HNTNGTN BCH,CALIF	BELL 47G-2 N-6720D DAMAGE -SUBSTANTIAL	CR- PX-	0 0	1 2	COMMERCIAL CTR PASSG - D	COMMERCIAL, AGE 30, 1379 TOTAL HOURS, 78 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION					
PROPELLER/ROTOR FAILURE TAIL ROTOR			TAKEOFF INITIAL CLIMB					
COLLIDED WITH FENCE,FENCEPOSTS			LANDING POWER-OFF AUTOROTATIVE LANDING					
PROBABLE CAUSE								
TRANSMISSION ROTOR DRIVE SYSTEM - TAIL ROTOR DRIVE SHAFT ASSEMBLY								
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE								
MISCELLANEOUS ACTS,CONDITIONS - DISCONNECTED								
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND								
DIRECTIONAL CONTROL PROBLEM								
REMARKS- T/R SHORT SHAFT,PN47-644-180-1,SPLINE DAMAGED.ROTATED IN COUPLING PN47-644-130-11.FLOAT EQUIPPED.								
2-0739	10/16/67	PHILADELPHIA,PA	BRANTLY B-2 N-2119U DAMAGE -SUBSTANTIAL	CR- PX-	0 0	1 0	INSTRUCTIONAL TRAINING	COMMERCIAL, AGE 25, 529 TOTAL HOURS, 15 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION					
HARD LANDING			LANDING POWER-ON LANDING					
ROLL OVER			LANDING POWER-ON LANDING					
PROBABLE CAUSE								
PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS								
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS								
2-0741	11/12/67	SAN CARLOS,CALIF	HUGHES 269A N-8915F DAMAGE -DESTROYED	CR- PX-	0 0	1 1	NONCOMMERCIAL PLEASURE	PRIVATE, AGE 39, 217 TOTAL HOURS, 28 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION					
COLLISION WITH GROUND/WATER CONTROLLED			TAKEOFF ABORTED					
ROLL OVER			TAKEOFF ABORTED					
PROBABLE CAUSE								
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS								
MISC-FLOCK OF BIRDS ROSE INTO TAKEOFF PATH OF ACFT								
FACTOR								
MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION								
REMARKS- PLT ATTEMPTED QUICK-STOP MANEUVER TO AVOID BIRDS								
2-0758	6/15/67	CANTON,MASS	BELL 47H-1 N-8010E DAMAGE -SUBSTANTIAL	CR- PX-	0 0	1 0	MISCELLANEOUS TEST	PRIVATE, AGE 49, 369 TOTAL HOURS, 308 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION					
ROLL OVER			LANDING LEVEL OFF/TOUCHDOWN					
PROBABLE CAUSE								
MAINTENANCE,SERVICING,INSPECTION - INADEQUATE MAINTENANCE AND INSPECTION								
FLIGHT CONTROL SYSTEMS - OTHER								
MISCELLANEOUS ACTS,CONDITIONS - MISSING								
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING								
FACTOR								
MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER								
REMARKS- SCISSORS LVR TO CTL ROD CLEVIS ATTACH BOLT MISSG 2 SWSH PLT SWIVEL LNK BOLTS REPLCD BFOR THIS FLT								

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA
				F	S	M/N		
2-0770	10/22/67 TIME - 1315	LOCKPORT, ILL	BENSEN 88M N-24082 DAMAGE -DESTROYED	CR- PX-	1 0	0 0	NONCOMMERCIAL PLEASURE	PRIVATE, AGE 54, 819 TOTAL HOURS, 99 IN TYPE.
TYPE OF ACCIDENT			UNCONTROLLED			PHASE OF OPERATION LANDING FINAL APPROACH		
COLLISION WITH GROUND/WATER								
PROBABLE CAUSE								
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS								
PILOT IN COMMAND - SPONTANEOUS-IMPROPER ACTION								
FACTOR								
WEATHER - UNFAVORABLE WIND CONDITIONS								
WEATHER BRIEFING - UNKNOWN								
WEATHER FORECAST - UNKNOWN								
REMARKS- WHEN ACFT CLIMBED STEEPLY PLT PUSHED STICK FORWARD.ACFT PITCHED OVER,DIVED TO RNWY.WIND 18 TO 25K.								
2-0807	5/13/67 TIME - 1300	SALUDA, SC	HUGHES 269B N-9417F DAMAGE -SUBSTANTIAL	CR- PX-	0 0	1 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 52, 5292 TOTAL HOURS, 2570 IN TYPE.
TYPE OF ACCIDENT			MAIN ROTOR			PHASE OF OPERATION		
PROPELLER/ROTOR FAILURE						TAKEOFF INITIAL CLIMB		
ROLL OVER						LANDING LEVEL OFF/TOUCHDOWN		
PROBABLE CAUSE								
TRANSMISSION ROTOR DRIVE SYSTEM - OTHER								
MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE								
EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPORT								
REMARKS- MALFUNCTION OF MAIN ROTOR GEAR DRIVE ASSEMBLY DUE TO FAILURE OF HUCK BOLTS,P/N SALP-T10-7.								
2-0816	7/10/67 TIME - 0720	FAIRFIELD, MONT	BELL 47G-3 N-8414E DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	COMMERCIAL AERIAL APPLIC	COMMERCIAL, AGE 36, 13000 TOTAL HOURS, 240 IN TYPE.
TYPE OF ACCIDENT			TAIL ROTOR			PHASE OF OPERATION		
PROPELLER/ROTOR FAILURE						TAKEOFF INITIAL CLIMB		
HARD LANDING						LANDING POWER-OFF AUTOROTATIVE LANDING		
PROBABLE CAUSE								
TRANSMISSION ROTOR DRIVE SYSTEM - OTHER								
MISCELLANEOUS ACTS,CONDITIONS - SHEARED								
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS								
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND								
REMARKS- FAILURE OF MAIN TRANSMISSION SHEAR SCREWS,P/N47-620-485-7,DUE TO OVERLOAD.								
2-0817	7/11/67 TIME - 1430	CALLAHAN, CALIF	HUGHES 269B N-9327F DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	NONCOMMERCIAL BUSINESS	COMMERCIAL, FL.INSTR., AGE 59, 14404 TOTAL HOURS, 580 IN TYPE.
TYPE OF ACCIDENT			UNCONTROLLED			PHASE OF OPERATION		
COLLISION WITH GROUND/WATER						TAKEOFF RUNNING		
PROBABLE CAUSE								
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING								
WEATHER - HIGH DENSITY ALTITUDE								
WEATHER BRIEFING - NO BRIEFING RECEIVED								
WEATHER FORECAST - UNKNOWN								
REMARKS- PLT ATTEMPTED OPERATION BEYOND ACFT PERFORMANCE CAPABILITY.DID NOT ATTAIN TRANSLATIONAL LIFT.								

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
2-0821	7/30/67 TIME - 1307	RUFUS, OREG	BELL 47G3B1 N-8518F DAMAGE - DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL BUSINESS	COMMERCIAL, AGE 44, 10000 TOTAL HOURS, UNKNOWN IN TYPE.
TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES			PHASE OF OPERATION INFLIGHT NORMAL CRUISE			
PROBABLE CAUSE PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS						
REMARKS- POWERLINE MARKED BY 20 INCH ORANGE SPHERES AT 450 FT INTERVALS. ALSO SHOWN ON SECTIONAL AERO CHART.						
2-0823	8/5/67 TIME - 1002	VAN NUYS, CALIF	HUGHES 269B N-9318F DAMAGE - SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL CHECK	COMMERCIAL, FL. INSTR., AGE 44, 5910 TOTAL HOURS, 1000 IN TYPE.
TYPE OF ACCIDENT ROLL OVER			PHASE OF OPERATION TAKEOFF OTHER			
PROBABLE CAUSE MISCELLANEOUS - UNDETERMINED						
REMARKS- ACFT ROLLED UNCONTROLLABLY TO THE RT ON ATTEMPT TO LIFT OFF TO A HOVER. FAA TEST BY FLIGHT EXAMNER						
2-0826	9/27/67 TIME - 1130	POTTSTOWN, PA	BENSEN BMX8 N-NONE DAMAGE - SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL TRAINING	PRIVATE, AGE 37, 481 TOTAL HOURS, NONE IN TYPE.
TYPE OF ACCIDENT ROLL OVER			PHASE OF OPERATION LANDING POWER-ON LANDING			
PROBABLE CAUSE PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL						
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS						
REMARKS- PLT HAD 12 MIN IN TYPE. LANDED IN CRAB.						
2-0828	10/7/67 TIME - 1340	YUCCA VALLY, CALIF	HUGHES 269B N-9367F DAMAGE - SUBSTANTIAL	CR- 0 1 0 PX- 0 1 0	NONCOMMERCIAL PLEASURE	AIRLINE TRANSPORT, AGE 54, 10000 TOTAL HOURS, 183 IN TYPE.
TYPE OF ACCIDENT COLLISION WITH GROUND/WATER UNCONTROLLED			PHASE OF OPERATION INFLIGHT UNCONTROLLED DESCENT			
PROBABLE CAUSE PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING						
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS						
MISCELLANEOUS ACTS, CONDITIONS - POORLY PLANNED APPROACH						
REMARKS- PLT MANEUVERED ACFT INTO ATTITUDE WHERE HE EXPERIENCED SETTLING WITH POWER CONDITIONS.						

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA	
				F	S	M/N			
2-0831	10/15/67	CAHOKIA, ILL	BRANTLY B2B N-1120K	CR- PX-	0 0	0 0	1 0	NONCOMMERCIAL PLEASURE	PRIVATE, AGE 19, 105 TOTAL HOURS, NONE IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION						
COLLIDED WITH PARKED AIRCRAFT			LANDING POWER-ON LANDING						
PROBABLE CAUSE									
PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL									
MISCELLANEOUS - UNQUALIFIED PERSON OPERATED AIRCRAFT									
FACTOR									
MISCELLANEOUS ACTS, CONDITIONS - STOLEN OR UNAUTHORIZED USE OF AIRCRAFT									
REMARKS- PARKED ACFT CESSNA 310 N3632D SUBSTANTIAL DAMAGE. PLT SAID HAD NOT PREVIOUSLY RIDDEN IN A HELICOPTER									
2-0835	10/25/67	DAVIE, FLA	BELL 47G N-17271	CR- PX-	0 0	0 0	1 1	NONCOMMERCIAL WILD LIFE SURVEY	COMMERCIAL, AGE 39, 3345 TOTAL HOURS, 432 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION						
ENGINE FAILURE OR MALFUNCTION			TAKEOFF RUNNING						
HARD LANDING			LANDING LEVEL OFF/TOUCHDOWN						
PROBABLE CAUSE									
POWERPLANT - IGNITION SYSTEM - SPARK PLUG									
MISCELLANEOUS ACTS, CONDITIONS - IMPROPER CLEARANCE-TOLERANCE									
MISCELLANEOUS ACTS, CONDITIONS - CARBON DEPOSITS									
MAINTENANCE, SERVICING, INSPECTION - INADEQUATE MAINTENANCE AND INSPECTION									
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND									
REMARKS- SPARK PLUGS FOULED, EXCESSIVE GAP, OR CLOSED BY CARBON. 96 HRS OPERN. PLT SAID PRE-TAKEOFF ENG CHECK OK									
2-0840	11/5/67	CHULA VISTA, CALIF	BENSEN B8M N-7107	CR- PX-	1 0	0 0	0 0	INSTRUCTIONAL TRAINING	COMMERCIAL, AGE 47, 252 TOTAL HOURS, 22 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION						
MISCELLANEOUS			LANDING TRAFFIC PATTERN-CIRCLING						
COLLISION WITH GROUND/WATER UNCONTROLLED			INFLIGHT UNCONTROLLED DESCENT						
PROBABLE CAUSE									
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS									
FACTOR									
PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT									
REMARKS- ACFT WAS OBSERVED PORPOISING IN FLIGHT, ROTOR STRUCK RUDDER AND PROP. PLT POWERED GYRO TIME-1 HR.									
2-0842	11/9/67	SHAFTER, CALIF	BELL 47G N-8H	CR- PX-	0 0	0 0	2 0	MISCELLANEOUS TEST	COMMERCIAL, AGE 48, 14250 TOTAL HOURS, 4200 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION						
ENGINE FAILURE OR MALFUNCTION			INFLIGHT NORMAL CRUISE						
HARD LANDING			LANDING LEVEL OFF/TOUCHDOWN						
PROBABLE CAUSE									
POWERPLANT - FUEL SYSTEM - CARBURETOR									
MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS									
MAINTENANCE, SERVICING, INSPECTION - INADEQUATE MAINTENANCE AND INSPECTION									
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS									
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND									
REMARKS- UNIDENTIFIED PARTICLES IN BOWL, SCREEN.									

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
2-0844	11/16/67 TIME - 1550	NR.HUNTINGTON,CALIF	BELL 47G-2 N-2870B DAMAGE -SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL CTR CARGO - D	COMMERCIAL, AGE 25, 1850 TOTAL HOURS, ALL IN TYPE.
TYPE OF ACCIDENT ROLL OVER						
PHASE OF OPERATION TAKEOFF ABORTED						
PROBABLE CAUSE PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G. MISCELLANEOUS ACTS,CONDITIONS - LATERAL IMBALANCE EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT LATERAL CONTROL PROBLEM REMARKS- 315 LB TOOL LOADED ON RT CARGO RACK.						
2-0845	11/16/67 TIME - 0838	NEWARK APT FAC,NJ	BELL 47G N-940B DAMAGE -SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI - PASSG	COMMERCIAL, AGE 31, 2641 TOTAL HOURS, 167 IN TYPE.
TYPE OF ACCIDENT PROPELLER/JET/ROTOR BLAST ROLL OVER						
PHASE OF OPERATION STATIC IDLING ENGINE/S STATIC IDLING ENGINE/S						
PROBABLE CAUSE MISCELLANEOUS - PROP/JET BLAST PILOT IN COMMAND - LEFT AIRCRAFT UNATTENDED, ENGINE RUNNING						
2-0851	12/15/67 TIME - 2215	NR.ANCHORAGE,ALAS	BELL 47G-2A N-8495E DAMAGE -SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 36, 9800 TOTAL HOURS, 3000 IN TYPE.
TYPE OF ACCIDENT HARD LANDING						
PHASE OF OPERATION LANDING POWER-ON LANDING						
PROBABLE CAUSE PILOT IN COMMAND - BECAME LOST/DISORIENTED PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS MISCELLANEOUS ACTS,CONDITIONS - WHITEOUT FACTOR WEATHER - FOG TERRAIN - SNOW-COVERED WEATHER BRIEFING - NO BRIEFING RECEIVED EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT ADVERSE/UNFAVORABLE WEATHER REMARKS- DURING ATTEMPT TO HOVER TAXI OUT OF A.FOG BK.PLT LOST GRND REF.IN.BLOWING SNOW.DOWNED COLLECTIVE.						

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA	
				F	S	M/N			
2-0852	12/21/67	LEBANON, VA	SIKORSKY H-19G	CR-	0	0	2	COMMERCIAL	COMMERCIAL, AGE 31, 3803
	TIME - 1330		N-1562	PX-	0	0	0	AERIAL APPLIC	TOTAL HOURS, 2021 IN TYPE.
			DAMAGE -SUBSTANTIAL						
		TYPE OF ACCIDENT					PHASE OF OPERATION		
		MISCELLANEOUS					STATIC IDLING ROTORS		
		PROBABLE CAUSE							
		PILOT IN COMMAND -	LEFT AIRCRAFT UNATTENDED, ENGINE RUNNING						
		FACTOR							
		PILOT IN COMMAND -	FAILED TO USE OR INCORRECTLY USED MISC.EQUIPMENT						
		REMARKS-	MAIN ROTOR STRUCK TAIL CONE.CREWMAN WAS IN CARGO COMPARTMENT.CYCLIC FRICTION LOCK NOT TIGHTENED.						
2-0866	11/3/67	EVERGREEN, COLO	BELL 204-B	CR-	0	0	1	COMMERCIAL	COMMERCIAL, FL.INSTR., AGE 32,
	TIME - 1335		N-7937S	PX-	0	0	6	AIR TAXI - PASSG	4600 TOTAL HOURS, 1200 IN TYPE.
			DAMAGE -SUBSTANTIAL						
		TYPE OF ACCIDENT					PHASE OF OPERATION		
		ENGINE FAILURE OR MALFUNCTION					INFLIGHT POWER-ON DESCENT		
		HARD LANDING					LANDING POWER-OFF AUTOROTATIVE LANDING		
		PROBABLE CAUSE							
		POWERPLANT - MISCELLANEOUS -	POWERPLANT FAILURE FOR UNDETERMINED REASONS						
		PILOT IN COMMAND -	IMPROPER OPERATION OF FLIGHT CONTROLS						
		EMERGENCY CIRCUMSTANCES -	FORCED LANDING OFF AIRPORT ON LAND						
2-0871	9/21/67	ZANESVILLE, OHIO	AIR/SPACE 18A	CR-	0	0	2	INSTRUCTIONAL	COMMERCIAL, FL.INSTR., AGE 44,
	TIME - 1530		N-6152S	PX-	0	0	0	DUAL	5000 TOTAL HOURS, 500 IN TYPE.
			DAMAGE -SUBSTANTIAL						
		TYPE OF ACCIDENT					PHASE OF OPERATION		
		GEAR COLLAPSED					TAKEOFF ABORTED		
		ROLL OVER					TAKEOFF ABORTED		
		PROBABLE CAUSE							
		PILOT IN COMMAND -	DELAYED ACTION IN ABORTING TAKEOFF						
		WEATHER -	SUDDEN WINDSHIFT						
		MISCELLANEOUS ACTS, CONDITIONS -	GROUND RESONANCE						
		FACTOR							
		MISCELLANEOUS ACTS, CONDITIONS -	DOWNWIND						
		MISCELLANEOUS ACTS, CONDITIONS -	OVERLOAD FAILURE						
		WEATHER BRIEFING -	NO BRIEFING RECEIVED						
		WEATHER FORECAST -	UNKNOWN						
		REMARKS-	SUDDEN SHIFT TO TAILWIND INCREASED GRND ROLL.LACK OF AIRSPEED DECAYED ROTOR RPM/LIFT.						
2-0873	9/27/67	PALOMAR MT, CALIF	BELL 47G3B1	CR-	0	0	1	NONCOMMERCIAL	COMMERCIAL, FL.INSTR., AGE 44,
	TIME - 2149		N-73958	PX-	0	2	0	PLEASURE	5600 TOTAL HOURS, 500 IN TYPE.
			DAMAGE -DESTROYED						
		TYPE OF ACCIDENT					PHASE OF OPERATION		
		ENGINE FAILURE OR MALFUNCTION					INFLIGHT NORMAL CRUISE		
		COLLIDED WITH TREES					LANDING FINAL APPROACH		
		PROBABLE CAUSE							
		POWERPLANT - MISCELLANEOUS -	POWERPLANT FAILURE FOR UNDETERMINED REASONS						
		EMERGENCY CIRCUMSTANCES -	FORCED LANDING OFF AIRPORT ON LAND						

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
2-0876	10/10/67 TIME - 1705	YUKON, OKLA	BENSEN B8M N-9171 DAMAGE - DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE	COMMERCIAL, AGE 38, 3993 TOTAL HOURS, 4 IN TYPE.
TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE MAIN ROTOR COLLISION WITH GROUND/WATER UNCONTROLLED						
PHASE OF OPERATION INFLIGHT OTHER INFLIGHT UNCONTROLLED DESCENT						
PROBABLE CAUSE ROTOR ASSEMBLIES - MAIN ROTOR HEAD ASSEMBLIES MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE PRODUCTION-DESIGN - POOR/INADEQUATE DESIGN FACTOR MISCELLANEOUS ACTS, CONDITIONS - SEPARATION IN FLIGHT REMARKS- OFFSET GIMBAL CONTROL HEAD ALUMINUM TORQUE TUBE, 6063 T-5, FAILED. LOCAL FLIGHT AROUND AIRFIELD.						
2-0880	11/21/67 TIME - 1305	ANTIOCH, CALIF	BELL 47D1 N-112B DAMAGE - SUBSTANTIAL	CR- 0 1 0 PX- 0 0 1	COMMERCIAL POWER/PIPELINE	COMMERCIAL, FL. INSTR., AGE 25, 421 TOTAL HOURS, 138 IN TYPE.
TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING						
PHASE OF OPERATION INFLIGHT NORMAL CRUISE LANDING POWER-OFF AUTOROTATIVE LANDING						
PROBABLE CAUSE PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - MISMANAGEMENT OF FUEL SYSTEM MISCELLANEOUS ACTS, CONDITIONS - FUEL EXHAUSTION EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- INADEQUATE AIR SPEED AND ALT FOR AUTOROTATIVE LDG. POWER LINE PATROL.						
2-0881	12/11/67 TIME - 1020	NR. HONOLULU, HAWAII	BELL 47G3B1 N-1346X DAMAGE - DESTROYED	CR- 0 0 1 PX- 0 0 1	COMMERCIAL CONSTRUCTION	COMMERCIAL, AGE 29, 2707 TOTAL HOURS, 1283 IN TYPE.
TYPE OF ACCIDENT COLLISION WITH GROUND/WATER UNCONTROLLED						
PHASE OF OPERATION INFLIGHT UNCONTROLLED DESCENT						
PROBABLE CAUSE PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING MISCELLANEOUS ACTS, CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G. MISCELLANEOUS ACTS, CONDITIONS - LATERAL IMBALANCE FIRE AFTER IMPACT REMARKS- PLT FAILED TO CHECK SLING LOAD HOOKUP. SLING LOAD CABLE CAUGHT ON AFT END OF RT SKID.						
2-0884	7/14/67 TIME - 0755	SILVER SPRING, MD	HUGHES 269B N-9474F DAMAGE - SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS POLICE PATROL	COMMERCIAL, FL. INSTR., AGE 35, 6530 TOTAL HOURS, 2001 IN TYPE.
TYPE OF ACCIDENT MISCELLANEOUS						
PHASE OF OPERATION INFLIGHT NORMAL CRUISE						
PROBABLE CAUSE FUSELAGE - WINDSHIELDS, WINDOWS, CANOPIES MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE FACTOR MAINTENANCE, SERVICING, INSPECTION - INADEQUATE MAINTENANCE AND INSPECTION MISCELLANEOUS ACTS, CONDITIONS - SEPARATION IN FLIGHT EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT PROP/ENGINE VIBRATION SUSPECTED OR KNOWN AIRCRAFT DAMAGE REMARKS- LFT PART OF CANOPY SLAT PN269A2297-3 SEPARATED FROM CANOPY, STRUCK/DAMAGED TAIL ROTOR AND CANOPY.						

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA
				F	S	M/N		
2-0889	6/26/67 TIME - 1730	NR.LINCOLN,KANS	BELL 47G N-73865 DAMAGE -SUBSTANTIAL	CR- PX-	0 0	1 0	COMMERCIAL AERIAL APPLIC	COMMERCIAL, AGE 42, 11000 TOTAL HOURS, 550 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION					
PROPELLER/ROTOR FAILURE TAIL ROTOR			INFLIGHT PROCEDURE TURNAROUND					
PROBABLE CAUSE								
MISCELLANEOUS UNITS AND ASSEMBLIES - TAIL BOOMS/PYLONS/CONES								
MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE								
FACTOR								
MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT								
MAINTENANCE,SERVICING,INSPECTION - INADEQUATE MAINTENANCE AND INSPECTION								
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND								
UNUSUAL NOISE								
DIRECTIONAL CONTROL PROBLEM								
REMARKS- TAIL ROTOR ASSY BROKE OFF TAIL BOOM DUE TO FAILURE OF HOUSING YOKE.MINOR LDG GR DAMAGE ON LANDING.								
2-0930	10/12/67 TIME - 1020	LULA,MISS	HUGHES 269A N-8718F DAMAGE -SUBSTANTIAL	CR- PX-	0 0	1 1	COMMERCIAL MAPPING/PHOTO	COMMERCIAL,FL.INSTR., AGE 36, 2946 TOTAL HOURS, 1400 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION					
ENGINE FAILURE OR MALFUNCTION			INFLIGHT NORMAL CRUISE					
HARD LANDING			LANDING LEVEL OFF/TOUCHDOWN					
PROBABLE CAUSE								
TRANSMISSION ROTOR DRIVE SYSTEM - ENGINE DRIVE SHAFT								
MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE								
MAINTENANCE,SERVICING,INSPECTION - INADEQUATE MAINTENANCE AND INSPECTION								
PILOT IN COMMAND - IMPROPER LEVEL OFF								
FACTOR								
MISCELLANEOUS ACTS,CONDITIONS - LACK OF LUBRICATION-SPECIFIC PART,NOT SYSTEM								
MISCELLANEOUS ACTS,CONDITIONS - POORLY PLANNED APPROACH								
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND								
REMARKS- LOWER COUPLING DRIVE SHAFT P/N 269A5504. ACFT OPERATED 11 HRS SINCE 50 HR INSPECTION COMPLETED.								
2-0952	6/10/67 TIME - 0545	NR.WEST PLAINS,MO	BELL 47G-2 N-28138 DAMAGE -DESTROYED	CR- PX-	0 0	1 0	COMMERCIAL AERIAL APPLIC	COMMERCIAL, AGE 29, 1675 TOTAL HOURS, 1100 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION					
PROPELLER/ROTOR FAILURE MAIN ROTOR			INFLIGHT STARTING SWATH RUN					
COLLIDED WITH TREES			INFLIGHT STARTING SWATH RUN					
PROBABLE CAUSE								
TRANSMISSION ROTOR DRIVE SYSTEM - CLUTCH ASSEMBLY								
MAINTENANCE,SERVICING,INSPECTION - IMPROPER MAINTENANCE								
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND								
REMARKS- FAILURE OF ROTOR BLADE ROTATION,RPM,DUE TO EXTREME SLIPPAGE-CLUTCH SHOES/DRUM.103HRS SINCE ANNUAL.								

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA
				F	S	M/N		
2-0954	7/2/77	BETHALTO, ILL TIME - 1428	BRANTLY B-2 N-1120K DAMAGE -SUBSTANTIAL	CR- 0 PX- 0	0 0 0 0	1 1	COMMERCIAL MAPPING/PHOTO	AIRLINE TRANSPORT, AGE 32, 11500 TOTAL HOURS, 350 IN TYPE.
TYPE OF ACCIDENT				PHASE OF OPERATION				
ENGINE FAILURE OR MALFUNCTION				INFLIGHT HOVERING				
COLLISION WITH GROUND/WATER CONTROLLED				LANDING LEVEL OFF/TOUCHDOWN				
PROBABLE CAUSE								
POWERPLANT - ENGINE STRUCTURE - VALVE ASSEMBLIES								
MISCELLANEOUS ACTS, CONDITIONS - CARBON DEPOSITS								
MAINTENANCE, SERVICING, INSPECTION - INADEQUATE MAINTENANCE AND INSPECTION								
FACTOR								
MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER								
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER								
REMARKS- BREAK UP OF CARBON DEPOSITS/TEMPORARY LODGEMENT ON VALVE SEATS-IMPROPER SEATING. ACFT SKID EQUIPPED								
2-0956	7/17/67	PALISADES, WASH TIME - 0415	BELL 47G-2 N-3794G DAMAGE -SUBSTANTIAL	CR- 0 PX- 0	0 0 0 0	1 1	COMMERCIAL AERIAL APPLIC	COMMERCIAL, FL. INSTR., AGE 27, 2700 TOTAL HOURS, 200 IN TYPE.
TYPE OF ACCIDENT				PHASE OF OPERATION				
COLLIDED WITH OBJECT				TAKEOFF INITIAL CLIMB				
ROLL OVER				TAKEOFF INITIAL CLIMB				
PROBABLE CAUSE								
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING								
TERRAIN - HIDDEN OBSTRUCTIONS								
REMARKS- SPRAY BOOM STRUCK IRRIGATION PIPE, 10 IN HIGH, HIDDEN IN WEEDS.								
2-0959	8/15/67	NR. MORGAN CITY, LA TIME - 1440	BELL 206A N-7846S DAMAGE -DESTROYED	CR- 1 PX- 3	0 0 0 0	0 0	COMMERCIAL AIR TAXI - PASSG	COMMERCIAL, AGE 33, 6400 TOTAL HOURS, 49 IN TYPE.
TYPE OF ACCIDENT				PHASE OF OPERATION				
PROPELLER/ROTOR FAILURE TAIL ROTOR				INFLIGHT NORMAL CRUISE				
COLLISION WITH GROUND/WATER UNCONTROLLED				INFLIGHT UNCONTROLLED DESCENT				
PROBABLE CAUSE								
ROTORCFT-TAILROTOR ASSY FAILURE. UNDETERMINED CAUSE								
FACTOR								
MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER								
REMARKS- FLOAT EQUIPPED. LOSS OF CONTROL OVER GULF OF MEX.								
2-0962	7/29/67	NR. WEST GLACIER, MONT TIME - 1015	BELL 47G3B1 N-73916 DAMAGE -SUBSTANTIAL	CR- 0 PX- 0	0 0 0 0	1 1	COMMERCIAL ASSOC FIRE CTL	COMMERCIAL, AGE 29, 2000 TOTAL HOURS, 400 IN TYPE.
TYPE OF ACCIDENT				PHASE OF OPERATION				
PROPELLER/ROTOR FAILURE TAIL ROTOR				INFLIGHT AUTOROTATIVE DESCENT				
HARD LANDING				LANDING POWER-OFF AUTOROTATIVE LANDING				
PROBABLE CAUSE								
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING								
ROTOR ASSEMBLIES - TAIL ROTOR BLADES								
MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE								
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS								
FACTOR								
MISCELLANEOUS ACTS, CONDITIONS - SEPARATION IN FLIGHT								
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND								
PROP/ENGINE VIBRATION								
REMARKS- PLT FAILED TO CHECK SECURITY OF SIDE RACK CARGO. LOOSE WATERBAGS STRUCK TAIL ROTOR.								

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA
				F	S	M/N		
2-C971	11/28/67 TIME - 1445	SANTA PAULA,CALIF	LOCKHEED 286 N-286L DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	1 0	MISCELLANEOUS DEMONSTRATION COMMERCIAL,FL-INSTR., AGE 49, 23500 TOTAL HOURS, 25 IN TYPE.
TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES			PHASE OF OPERATION INFLIGHT LOW PASS					
PROBABLE CAUSE PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS								
REMARKS- RETURNED TO ARPT WITH NO FURTHER DAMAGE.								
2-0974	12/20/67 TIME - 1300	SUNFLOWER,ARIZ	BELL 47J-2 N-922NA DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	1 0	NONCOMMERCIAL BUSINESS AIRLINE TRANSPORT, AGE 41, 11162 TOTAL HOURS, 4 IN TYPE.
TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE TAIL ROTOR HARD LANDING			PHASE OF OPERATION STATIC IDLING ROTORS LANDING LEVEL OFF/TOUCHDOWN					
PROBABLE CAUSE PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING ROTOR ASSEMBLIES - TAIL ROTOR BLADES MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS								
FACTOR MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT TERRAIN - SNOW-COVERED EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND PROP/ENGINE VIBRATION DIRECTIONAL CONTROL PROBLEM								
REMARKS- SKIDS RESTING ON 2 GAS CANS,DUE DEEP SNOW.ACFT VIBRATED OFF CANS,TAIL ROTOR STRUCK SNOW.ATTEMP FLT								
2-0984	9/16/67 TIME - 1445	S.LAK TAHOE,CALIF	BELL 47G381 N-7829S DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	1 2	COMMERCIAL OTHER COMMERCIAL,FL-INSTR., AGE 45, 545 TOTAL HOURS, 203 IN TYPE.
TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLISION WITH GROUND/WATER CONTROLLED			PHASE OF OPERATION TAKEOFF INITIAL CLIMB LANDING LEVEL OFF/TOUCHDOWN					
PROBABLE CAUSE POWERPLANT - EXHAUST SYSTEM - EXTERNAL SUPERCHARGER POWERPLANT - EXHAUST SYSTEM - GASKETS POWERPLANT - EXHAUST SYSTEM - CLAMPS MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY INSTALLED MISCELLANEOUS ACTS,CONDITIONS - LEAK/LEAKAGE MAINTENANCE,SERVICING,INSPECTION - IMPROPER MAINTENANCE								
FACTOR MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER								
REMARKS- SKID EQUIP ACFT,ON PAX HOP CRASHED IN LK, DUE TO AIR LEAKS IN SUPERCHARGER-EXHAUST SYSTEM.								

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA	
				F	S	M/N			
2-0987	12/20/67	MIAMI, FLA TIME - 1045	BELL 47G N-28678 DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	1 0	MISCELLANEOUS OTHER	COMMERCIAL, FL. INSTR., AGE 48, 10000 TOTAL HOURS, 4500 IN TYPE.
TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES PROPELLER/ROTOR FAILURE TAIL ROTOR				PHASE OF OPERATION TAXI AERIAL TAXI TAXI AERIAL TAXI					
PROBABLE CAUSE PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS ROTOR ASSEMBLIES - TAIL ROTOR BLADES MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE FACTOR MISCELLANEOUS ACTS, CONDITIONS - SEPARATION IN FLIGHT EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND DIRECTIONAL CONTROL PROBLEM SUSPECTED OR KNOWN AIRCRAFT DAMAGE REMARKS- AIR TAXIING TO GAS PUMP-WIRE STRUCK, ENTANGLED IN TAIL ROTOR CAUSED BLADE TO COME OFF.									
2-0999	9/2/67	SANTIAM JCT , OREG TIME - 1610	ENSTROM F-28 N-192E DAMAGE -DESTROYED	CR- PX-	0 0	1 0	0 0	NONCOMMERCIAL WILD LIFE SURVEY	COMMERCIAL, FL. INSTR., AGE 49, 20200 TOTAL HOURS, 115 IN TYPE.
TYPE OF ACCIDENT COLLISION WITH GROUND/WATER CONTROLLED				PHASE OF OPERATION TAKEOFF INITIAL CLIMB					
PROBABLE CAUSE PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. WEATHER - HIGH DENSITY ALTITUDE WEATHER BRIEFING - NO BRIEFING RECEIVED REMARKS- FAILED TO FOLLOW FLT MANUAL DENSITY ALT. LIMIT OF 5000FT FOR T/O, EXCEEDED MAX. BY 1240FT.									
2-1007	12/9/67	FAYETTEVILLE, ARK TIME - 1645	HUGHES 300 N-9335F DAMAGE -DESTROYED	CR- PX-	0 0	0 1	1 0	COMMERCIAL AERIAL ADVERTISE	COMMERCIAL, FL. INSTR., AGE 47, 5600 TOTAL HOURS, 600 IN TYPE.
TYPE OF ACCIDENT STALL MUSH				PHASE OF OPERATION INFLIGHT HOVERING					
PROBABLE CAUSE PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED MISCELLANEOUS ACTS, CONDITIONS - IMPROPER EMERGENCY PROCEDURES FACTOR WEATHER - FOG WEATHER BRIEFING - BRIEFED BY FSP, IN PERSON WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT REMARKS- FAILED TO DESCEND FOR BETTER VISIBILITY, AND TO ATTEMPT TO STOP SETTLING-WITH-POWER CONDITION.									

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA	
				F	S	M/N			
2-1011	9/26/67	BEDFORD, OHIO	BELL 47G-2 N-46R	CR- PX-	0 0	0 0	1 0	MISCELLANEOUS DEMONSTRATION	COMMERCIAL, FL. INSTR., AGE 44, 2749 TOTAL HOURS, 201 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION						
PROPELLER/ROTOR FAILURE TAIL ROTOR			INFLIGHT HOVERING						
COLLISION WITH GROUND/WATER UNCONTROLLED			INFLIGHT UNCONTROLLED DESCENT						
PROBABLE CAUSE									
ROTOR ASSEMBLIES - OTHER									
MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE									
MAINTENANCE, SERVICING, INSPECTION - INADEQUATE MAINTENANCE AND INSPECTION									
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING									
MISCELLANEOUS ACTS, CONDITIONS - IMPROPER EMERGENCY PROCEDURES									
FACTOR									
MISCELLANEOUS ACTS, CONDITIONS - SEPARATION IN FLIGHT									
REMARKS- TORSIONAL OVERLOAD FAILURE OF T-R DRIVESHAFT. ATTEMPTED FLT WITH KNOWN VIBRATIONS. DID NOT AUTOROTATE									
2-1027	12/23/67	RIALTO, CALIF	BENSEN B8M N-1659	CR- PX-	0 0	0 0	1 0	NONCOMMERCIAL PLEASURE	STUDENT, AGE 31, NO TOTAL HOURS, NONE IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION						
COLLISION WITH GROUND/WATER UNCONTROLLED			INFLIGHT UNCONTROLLED DESCENT						
PROBABLE CAUSE									
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED									
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS									
PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL									
WEATHER - UNFAVORABLE WIND CONDITIONS									
WEATHER BRIEFING - NO BRIEFING RECEIVED									
WEATHER FORECAST - UNKNOWN									
REMARKS- PLT FAILED TO MAINTAIN AIRSPEED, ALT, DURING DOWNWIND TURN TOO CLOSE TO THE GROUND. WIND 25K, GUSTS 35									
2-1033	4/13/67	NR. TYONEK, ALAS	BELL 47J-2A N-3070G	CR- PX-	0 0	1 2	0 0	COMMERCIAL CTR PASSG - D	COMMERCIAL, FL. INSTR., AGE 26, 2575 TOTAL HOURS, 1095 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION						
PROPELLER/ROTOR FAILURE MAIN ROTOR			TAKEOFF INITIAL CLIMB						
HARD LANDING			LANDING LEVEL OFF/TOUCHDOWN						
PROBABLE CAUSE									
TRANSMISSION ROTOR DRIVE SYSTEM - CLUTCH ASSEMBLY									
TRANSMISSION ROTOR DRIVE SYSTEM - FREE WHEEL UNIT									
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER									
REMARKS- LOSS OF POWER COUPLING TO MAIN ROTOR DUE TO SLIPPAGE OF FREE WHEELING UNIT. CAUSE NOT DETERMINED.									

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA
				F	S	M/N		
2-1034	5/17/67 TIME - 0850	LANDER,WYO	KAMAN H43-A N-2856J DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 1	COMMERCIAL AERIAL APPLIC	COMMERCIAL,FL.INSTR., AGE 40, 6698 TOTAL HOURS, 30 IN TYPE.
TYPE OF ACCIDENT			ENGINE FAILURE OR MALFUNCTION			HARD LANDING		
PROBABLE CAUSE			POWERPLANT - FUEL SYSTEM - PRIMING SYSTEM			POWERPLANT - FUEL SYSTEM - PUMPS		
MISCELLANEOUS ACTS,CONDITIONS -			FUEL STARVATION			FACTOR		
MISCELLANEOUS ACTS,CONDITIONS -			LEAK/LEAKAGE			MISCELLANEOUS ACTS,CONDITIONS -		
PRESSURE TOO LOW			MAINTENANCE,SERVICING,INSPECTION -			INADEQUATE MAINTENANCE AND INSPECTION		
EMERGENCY CIRCUMSTANCES -			FORCED LANDING OFF AIRPORT ON LAND			REMARKS-		
PRIMER SOLENOID LEAKED ALLOWED AIR TO RETURN TO FUEL SYSTEM,AIR LOCKED ENGINE-DRIVEN PUMP.								
2-1036	9/13/67 TIME - 1630	LA PLACE,LA	BELL 47G-4 N-1350X DAMAGE -SUBSTANTIAL	CR- PX-	1 1	0 0	COMMERCIAL CTR PASSG - D	COMMERCIAL, AGE 35, 3250 TOTAL HOURS, 2028 IN TYPE.
TYPE OF ACCIDENT			PROPELLER/ROTOR FAILURE TAIL ROTOR			COLLISION WITH GROUND/WATER CONTROLLED		
PROBABLE CAUSE			ROTOR ASSEMBLIES - TAIL ROTOR BLADES			MISCELLANEOUS ACTS,CONDITIONS -		
FATIGUE FRACTURE			MISCELLANEOUS ACTS,CONDITIONS -			IMPROPER EMERGENCY PROCEDURES		
PILOT IN COMMAND -			IMPROPER OPERATION OF FLIGHT CONTROLS			FACTOR		
MISCELLANEOUS ACTS,CONDITIONS -			SEPARATION IN FLIGHT			MISCELLANEOUS ACTS,CONDITIONS -		
AIRCRAFT CAME TO REST IN WATER			EMERGENCY CIRCUMSTANCES -			FORCED LANDING OFF AIRPORT ON WATER		
DIRECTIONAL CONTROL PROBLEM			LATERAL CONTROL PROBLEM			REMARKS-		
COMPLETE FAILURE IN SHELL OF BLADE,A3-28285 AT 300-400 FT ALT.FLOAT EQUIPPED.								
2-1049	6/13/67 TIME - 1628	HUDSONVILLE,MICH	BELL 47G N-2088 DAMAGE -DESTROYED	CR- PX-	0 0	1 0	COMMERCIAL AERIAL APPLIC	COMMERCIAL,FL.INSTR., AGE 22, 312 TOTAL HOURS, 56 IN TYPE.
TYPE OF ACCIDENT			COLLIDED WITH WIRES/POLES			PHASE OF OPERATION		
						INFLIGHT STARTING SWATH RUN		
PROBABLE CAUSE			PILOT IN COMMAND -			FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS		
REMARKS-			WIRE ENTANGLED ON ACFT CAUSING LOSS OF CONTROL. PLT WAS SPRAYING CELERY.					

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
2-1050	10/6/67 TIME - 1800	NR.CORDOVA,ALAS	BELL 47J-2A N-3073G DAMAGE -DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL CTR PASSG - D	COMMERCIAL,FL.INSTR., AGE 24, 2203 TOTAL HOURS, 1000 IN TYPE.
TYPE OF ACCIDENT COLLISION WITH GROUND/WATER			CONTROLLED		PHASE OF OPERATION INFLIGHT NORMAL CRUISE	
PROBABLE CAUSE PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING FIRE AFTER IMPACT						
REMARKS- FLEW OVER MTS WHEN FLT PATH TO DESTINATION COULD HAVE BEEN FLOWN OVER WATER.STRUCK MT,AT NITE.						
2-1061	7/30/67 TIME - 2000	ALLENTOWN,PA	HILLER UH-12L N-90458 DAMAGE -SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	COMMERCIAL AIR TAXI - PASSG	AIRLINE TRANSPORT, AGE 32, 7388 TOTAL HOURS, 73 IN TYPE.
TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE HARD LANDING			MAIN ROTOR		PHASE OF OPERATION TAKEOFF INITIAL CLIMB LANDING LEVEL OFF/TOUCHDOWN	
PROBABLE CAUSE TRANSMISSION ROTOR DRIVE SYSTEM - CLUTCH ASSEMBLY ROTORCFT-CLUTCH SLIPPAGE DUE GLAZED FRICTION SHOES EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- CLUTCH SLIPPAGE CAUSED LOSS OF PWR TO MAIN RTR.						
2-1066	12/9/67 TIME - 1359	EVANSVILLE,IND	HUGHES 269B N-9454F DAMAGE -DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL BUSINESS	COMMERCIAL,FL.INSTR., AGE 54, 3861 TOTAL HOURS, 174 IN TYPE.
TYPE OF ACCIDENT COLLIDED WITH			WIRES/POLES		PHASE OF OPERATION LANDING FINAL APPROACH	
PROBABLE CAUSE PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS REMARKS- ATTEMPTED LNDG AT PARKING LOT FOR SANTA CLAUS APPEARANCE.FAILED TO GROUND-CHECK AREA BEFORE FLT.						
2-1069	9/27/67 TIME - 1615	NR.PRIEST RIVER,ID	HILLER UH-12E N-90465 DAMAGE -SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL CTR PASSG - D	COMMERCIAL, AGE 31, 5200 TOTAL HOURS, 550 IN TYPE.
TYPE OF ACCIDENT COLLIDED WITH			TREES		PHASE OF OPERATION INFLIGHT HOVERING	
PROBABLE CAUSE PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS FACTOR MISCELLANEOUS ACTS,CONDITIONS - SUNGLARE REMARKS- HOVERING TURN,MADE INTO SETTING SUN.TAIL-ROTOR STRUCK 4 FT TREE.						

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA
				F	S	M/N		
2-1070	10/11/67	SNOQUALMIE P, WASH	BELL 47G381 N-1321X DAMAGE - SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0			COMMERCIAL CTR PASSG - D	COMMERCIAL, AGE 45, 2894 TOTAL HOURS, 423 IN TYPE.
		TYPE OF ACCIDENT COLLIDED WITH OBJECT		PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN				
		PROBABLE CAUSE PILOT IN COMMAND - MISJUDGED CLEARANCE EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT SUSPECTED OR KNOWN AIRCRAFT DAMAGE						
		REMARKS- MINOR T/R STRIKE ON LIFT-OFF. ATTEMPTED IMMEDIATE LNDG TO CHECK DAMAGE, M. ROTOR STRUCK TOP OF ROCKS.						
2-1078	10/15/67	RIVERDALE, CALIF	HILLER UH-12C N-5321V DAMAGE - SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0			COMMERCIAL AERIAL APPLIC	COMMERCIAL, AGE 50, 900 TOTAL HOURS, 130 IN TYPE.
		TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE MAIN ROTOR HARD LANDING		PHASE OF OPERATION TAKEOFF INITIAL CLIMB LANDING LEVEL OFF/TOUCHDOWN				
		PROBABLE CAUSE TRANSMISSION ROTOR DRIVE SYSTEM - CLUTCH ASSEMBLY MISCELLANEOUS ACTS, CONDITIONS - OVERHEATED MAINTENANCE, SERVICING, INSPECTION - INADEQUATE MAINTENANCE AND INSPECTION EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
		REMARKS- SLIPPAGE DUE TO SHOES GLAZED, CRACKED. CLUTCH HOUSING SHOE CONTACT AREA WORN, DISTORTED.						
2-1082	7/27/67	BONDURANT, WYO	BELL 47G381 N-8471E DAMAGE - DESTROYED	CR- 1 0 0 PX- 1 0 0			COMMERCIAL CTR PASSG - D	COMMERCIAL, AGE 45, UNKNOWN TOTAL HOURS, UNKNOWN IN TYPE.
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER UNCONTROLLED		PHASE OF OPERATION INFLIGHT UNCONTROLLED DESCENT				
		PROBABLE CAUSE MISCELLANEOUS - UNDETERMINED FIRE AFTER IMPACT						
		REMARKS- PLT BLOOD ALCOHOL 0.096 GMS PCT.						
2-1084	9/15/67	NR. CHICKEN, ALAS	HILLER UH-12E N-5361V DAMAGE - SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1			COMMERCIAL AIR TAXI - PASSG	COMMERCIAL, AGE 42, 7750 TOTAL HOURS, 700 IN TYPE.
		TYPE OF ACCIDENT MISCELLANEOUS HARD LANDING		PHASE OF OPERATION TAKEOFF INITIAL CLIMB LANDING POWER-OFF AUTOROTATIVE LANDING				
		PROBABLE CAUSE TRANSMISSION ROTOR DRIVE SYSTEM - CLUTCH ASSEMBLY FACTOR MAINTENANCE, SERVICING, INSPECTION - INADEQUATE MAINTENANCE AND INSPECTION TERRAIN - WET, SOFT GROUND EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
		REMARKS- CLUTCH SLIPPAGE DUE TO WORN, GLAZED FRICTION SHOES. INSUFFICIENT MERCURY IN CLUTCH.						

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA
				F	S	M/N		
2-1090	12/15/67	SALINAS,CALIF TIME - 1515	HUGHES 269A N-8837F DAMAGE -DESTROYED	CR- PX-	0 0	1 0	MISCELLANEOUS FERRY	STUDENT, AGE 48, 2000 TOTAL HOURS, 145 IN TYPE.
TYPE OF ACCIDENT COLLIDED WITH OBJECT			PHASE OF OPERATION TAXI AERIAL TAXI					
PROBABLE CAUSE PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS								
FACTOR MISCELLANEOUS ACTS,CONDITIONS - SUNGLARE								
REMARKS- REARWARD 3FT HOVER TAXI INTO THE SUN,TAIL-ROTOR STRUCK FUEL VENT PIPE.								
2-1092	11/3/67	TASWELL,IND TIME - 1028	BRANTLY 305 N-2208U DAMAGE -DESTROYED	CR- PX-	1 2	0 0	COMMERCIAL POWER/PIPELINE	COMMERCIAL, AGE 39, 744 TOTAL HOURS, 153 IN TYPE.
TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE MAIN ROTOR COLLISION WITH GROUND/WATER UNCONTROLLED			PHASE OF OPERATION UNK/NR INFLIGHT UNCONTROLLED DESCENT					
PROBABLE CAUSE ROTOR ASSEMBLIES - MAIN ROTOR HEAD ASSEMBLIES ROTOR ASSEMBLIES - BEARINGS ROTORCFT-M/R CLEVIS BEARINGS SEIZED. ROTOR ASSEMBLIES - MAINROTOR BLADES MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE								
FACTOR MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT								
REMARKS- MAIN ROTOR TORSION STRAPS FAILED.								
2-1094	11/5/67	GREENWOOD,SC TIME - 1840	HUGHES 269B N-9413F DAMAGE -DESTROYED	CR- PX-	0 0	1 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 40, 750 TOTAL HOURS, 166 IN TYPE.
TYPE OF ACCIDENT COLLIDED WITH BUILDING/S			PHASE OF OPERATION TAKEOFF VERTICAL					
PROBABLE CAUSE PILOT IN COMMAND - MISJUDGED CLEARANCE								
REMARKS- LIFTED OFF TO PARK ACFT ON TOP OF BLDG.TAIL ROTOR/MAIN ROTOR STRUCK SIDE OF BLDG.								
2-1099	7/4/67	NR.TOK,ALAS TIME - 1700	BELL 47D1 N-157B DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 1	COMMERCIAL AIR TAXI - PASSG	COMMERCIAL, AGE 42, 7900 TOTAL HOURS, 20 IN TYPE.
TYPE OF ACCIDENT ROLL OVER			PHASE OF OPERATION STATIC IDLING ROTORS					
PROBABLE CAUSE PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN TERRAIN - SANDY								
FACTOR WEATHER - UNFAVORABLE WIND CONDITIONS MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER								
WEATHER BRIEFING - NO BRIEFING RECEIVED WEATHER FORECAST - UNKNOWN								
REMARKS- LANDED ON LAKE BANK,12 FT ABOVE LAKE LEVEL.SOFT EARTH GAVE WAY.ACFT SLIDE INTO WATER.GUSTY WINDS.								

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
2-1101	9/8/67 TIME - 0620	SILVER CITY, IOWA	HUGHES 269A N-8841F DAMAGE -SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLIC	COMMERCIAL, AGE 27, 689 TOTAL HOURS, 457 IN TYPE.
		TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES		PHASE OF OPERATION INFLIGHT SWATH RUN		
PROBABLE CAUSE PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS						
REMARKS- POWER LINES 30 FT AGL.						
2-1106	11/2/67 TIME - 1643	IMNAHA, OREG	HUGHES 269B N-9426F DAMAGE -DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL AIR TAXI - PASSG	COMMERCIAL, AGE 60, 995 TOTAL HOURS, 677 IN TYPE.
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLISION WITH GROUND/WATER UNCONTROLLED		PHASE OF OPERATION INFLIGHT NORMAL CRUISE INFLIGHT UNCONTROLLED DESCENT		
PROBABLE CAUSE POWERPLANT - MISCELLANEOUS - POWERPLANT FAILURE FOR UNDETERMINED REASONS PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS MISCELLANEOUS ACTS, CONDITIONS - IMPROPER EMERGENCY PROCEDURES EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND MISSING AIRCRAFT-LATER RECOVERED REMARKS- RECOVERY DATE-11/06/67.FAILED TO INITIATE AUTOROTATIVE DESCENT.						
2-1112	9/21/67 TIME - 1455	SIBLEY, MO	HUGHES 269A N-8820F DAMAGE -DESTROYED	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL BUSINESS	COMMERCIAL, AGE 27, 2400 TOTAL HOURS, 247 IN TYPE.
		TYPE OF ACCIDENT FIRE OR EXPLOSION ON GROUND		PHASE OF OPERATION STATIC STARTING ENGINE/S		
PROBABLE CAUSE PILOT IN COMMAND - IMPROPER STARTING PROCEDURES						
REMARKS- FAILED TO SHUT OFF FUEL BOOST PUMP AFTER FIRE STARTED DUE TO BACK-FIRE THROUGH CARB.						
2-1113	9/28/67 TIME - 1330	NR. MERRIMAN, NEBR	BRANTLY B-2 N-5988X DAMAGE -SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLIC	COMMERCIAL, FL. INSTR., AGE 53, 3488 TOTAL HOURS, 413 IN TYPE.
		TYPE OF ACCIDENT HARD LANDING		PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN		
PROBABLE CAUSE PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS						

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA
				F	S	M/N		
2-1114	10/5/67 TIME - 1353	NR.JUNEAU,ALAS	HILLER UH-12E N-9756C DAMAGE -DESTROYED	CR- 1 PX- 0	0 0	0 0	COMMERCIAL CTR PASSG - D	COMMERCIAL, AGE 46, 1654 TOTAL HOURS, 639 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION					
MISCELLANEOUS			INFLIGHT NORMAL CRUISE					
COLLISION WITH GROUND/WATER UNCONTROLLED			INFLIGHT UNCONTROLLED DESCENT					
PROBABLE CAUSE								
MISCELLANEOUS-PERSONNEL - OTHER								
PILOT IN COMMAND - INCAPACITATION								
REMARKS- PLT KILLED BY ROCK FROM BLASTING OPERATION.SAFETY PRECAUTIONS NOT COMPLIED WITH BY GRND PERSONNEL.								
2-1121	12/13/67 TIME - 1736	HANALEI,HAWAII	BELL 47J-2A N-8501F DAMAGE -DESTROYED	CR- 0 PX- 2	0 0	1 0	COMMERCIAL AIR TAXI - PASSG	COMMERCIAL, AGE 23, 2200 TOTAL HOURS, 13 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION					
PROPELLER/ROTOR FAILURE TAIL ROTOR			LANDING FINAL APPROACH					
COLLISION WITH GROUND/WATER UNCONTROLLED			INFLIGHT UNCONTROLLED DESCENT					
PROBABLE CAUSE								
ROTOR ASSEMBLIES - TAIL ROTOR BLADES								
MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE								
PRODUCTION-DESIGN - SUBSTANDARD QUALITY CONTROL								
FACTOR								
MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT								
FIRE AFTER IMPACT								
REMARKS- MANUFACTURING DEFECT,LACK OF BONDING MATERIAL BETWEEN SHELL AND GRIP.								
2-1131	6/25/67 TIME - 0710	NR.CRESTON,IOWA	BELL 47G N-163B DAMAGE -SUBSTANTIAL	CR- 0 PX- 0	0 0	1 0	COMMERCIAL AERIAL APPLIC	COMMERCIAL, AGE 40, 8000 TOTAL HOURS, 2200 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION					
ENGINE FAILURE OR MALFUNCTION			INFLIGHT CLEANUP SWATH					
HARD LANDING			LANDING POWER-OFF AUTOROTATIVE LANDING					
PROBABLE CAUSE								
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING								
MAINTENANCE,SERVICING,INSPECTION - IMPROPERLY SERVICED AIRCRAFT								
MISCELLANEOUS ACTS,CONDITIONS - WATER IN FUEL								
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND								
REMARKS- FUEL USED WAS FROM OLD STORAGE TANK CONTAINING RUSTY WATER.FUEL NOT FILTERED.								
2-1140	11/7/67 TIME - 1600	LIVERMORE,CALIF	FILPER B 400 N-50C5F DAMAGE -DESTROYED	CR- 1 PX- 0	0 0	0 0	MISCELLANEOUS TEST	COMMERCIAL, AGE 45, 10000 TOTAL HOURS, 58 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION					
PROPELLER/ROTOR FAILURE MAIN ROTOR			INFLIGHT OTHER					
PROBABLE CAUSE								
ROTORCFT-HIGH BLADE FLAPPING AND INPLANE LOADS.								
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE								
FACTOR								
MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT								
REMARKS- BOTH ROTOR SYSTEMS FAILED DURING HI SPEED FLIGHT								

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA
				F	S	M/N		
2-1141	12/23/67	NR.GORDON, NEBR	BRANTLY B-2A N-5918X DAMAGE -DESTROYED	CR- 0 PX- 0	0 0 0 0	1 1	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 41, 700 TOTAL HOURS, 600 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION					
COLLIDED WITH WIRES/POLES			LANDING FINAL APPROACH					
PROBABLE CAUSE								
PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS								
2-1144	3/25/67	MARTINEZ, CALIF	BELL 47D1 N-74123 DAMAGE -DESTROYED	CR- 1 PX- 2	0 0 0 0	0 0	NONCOMMERCIAL BUSINESS	COMMERCIAL, AGE 48, 538 TOTAL HOURS, 21 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION					
COLLISION WITH GROUND/WATER UNCONTROLLED			INFLIGHT UNCONTROLLED DESCENT					
PROBABLE CAUSE								
MISCELLANEOUS - UNDETERMINED								
REMARKS- SEVERE BLADE FLAPPING FOR CAUSES UNDETERMINED.								
2-1151	11/12/67	OKLAHOMA CTY, OKLA	GYROCOPTER Z3-65M N-74064 DAMAGE -SUBSTANTIAL	CR- 0 PX- 0	0 1 0 0	0 0	NONCOMMERCIAL PLEASURE	PRIVATE, AGE 55, 2000 TOTAL HOURS, 120 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION					
ENGINE FAILURE OR MALFUNCTION HARD LANDING			INFLIGHT NORMAL CRUISE LANDING POWER-OFF AUTOROTATIVE LANDING					
PROBABLE CAUSE								
MISCELLANEOUS ACTS, CONDITIONS - FUEL STARVATION								
PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.								
EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPORT								
REMARKS- FUEL PRESSURE LOST, CAUSE NOT DETERMINED.								
2-1152	12/21/67	NEW YORK CITY, NY	BELL 47J-2 N-73251 DAMAGE -DESTROYED	CR- 1 PX- 1	0 0 0 0	0 0	MISCELLANEOUS POLICE PATROL	COMMERCIAL, AGE 39, 400 TOTAL HOURS, 38 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION					
COLLISION WITH GROUND/WATER UNCONTROLLED			INFLIGHT UNCONTROLLED DESCENT					
PROBABLE CAUSE								
MISCELLANEOUS - UNDETERMINED								
FACTOR								
MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER								
REMARKS- CRASHED IN EAST RIVER. FLOAT EQUIPPED.								

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA
				F	S	M/N		
2-1158	10/8/67	ADELANTO, CALIF TIME - 0900	BERINSTEIN HB-1 N-93172 DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	1 0	NONCOMMERCIAL PLEASURE PRIVATE, AGE 49, 365 TOTAL HOURS, 50 IN TYPE.
TYPE OF ACCIDENT COLLISION WITH GROUND/WATER CONTROLLED				PHASE OF OPERATION LANDING POWER-ON LANDING				
PROBABLE CAUSE PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE FACTOR MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION REMARKS- PLT SAID MADE LOW TURN AT LOW AIRSPEED TO AVOID MOTORCYCLE. HIT GRND IN CRAB. ON EL MIRAGE DRY LAKE.								
2-1179	12/2/67	LAHABRA, CALIF TIME - 1410	BELL 47G-2 N-321R DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	1 0	NONCOMMERCIAL PLEASURE COMMERCIAL, AGE 51, 1632 TOTAL HOURS, 31 IN TYPE.
TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE TAIL ROTOR HARD LANDING				PHASE OF OPERATION INFLIGHT NORMAL CRUISE LANDING POWER-OFF AUTOROTATIVE LANDING				
PROBABLE CAUSE FLIGHT CONTROL SYSTEMS - TAIL ROTOR PITCH CONTROL SYSTEM MISCELLANEOUS ACTS, CONDITIONS - FATIGUE FRACTURE MAINTENANCE, SERVICING, INSPECTION - INADEQUATE MAINTENANCE AND INSPECTION PILOT IN COMMAND - IMPROPER LEVEL OFF EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND PROP/ENGINE VIBRATION REMARKS- SEPARATION OF T/R PITCH CHANGE LINK. IMPROPER INSTALLATION. TENSILE STRENGTH BELOW MFGR REQUIREMENTS								
2-1184	11/23/67	NR. JUNEAU, ALAS TIME - 1200	HILLER FH1100 N-784LC DAMAGE -DESTROYED	CR- PX-	1 4	0 0	0 0	COMMERCIAL AIR TAXI - PASSG COMMERCIAL, FL. INSTR., AGE 48, 9660 TOTAL HOURS, 480 IN TYPE.
TYPE OF ACCIDENT UNDETERMINED				PHASE OF OPERATION UNK/NR				
PROBABLE CAUSE MISCELLANEOUS - UNDETERMINED								
2-1188	5/29/67	CHAMBLEE, GA TIME - 0929	BRANTLY 305 N-2219U DAMAGE -DESTROYED	CR- PX-	1 1	0 0	0 0	MISCELLANEOUS TEST COMMERCIAL, FL. INSTR., AGE 31, 4388 TOTAL HOURS, 791 IN TYPE.
TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE MAIN ROTOR COLLISION WITH GROUND/WATER UNCONTROLLED				PHASE OF OPERATION LANDING TRAFFIC PATTERN-CIRCLING INFLIGHT UNCONTROLLED DESCENT				
FIRE AFTER IMPACT REMARKS- UNDER INVESTIGATION.								

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA
				F	S	M/N		
2-1196	7/26/67 TIME - 0800	CLEWISTON, FLA	BRANTLY B-2B N-2197U DAMAGE -DESTROYED	CR- PX-	0 0	1 0	COMMERCIAL AERIAL APPLIC	COMMERCIAL, AGE 47, 15000 TOTAL HOURS, 1200 IN TYPE.
TYPE OF ACCIDENT				PHASE OF OPERATION				
ENGINE FAILURE OR MALFUNCTION				INFLIGHT SWATH RUN				
ROLL OVER				LANDING LEVEL OFF/TOUCHDOWN				
PROBABLE CAUSE								
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING								
MISCELLANEOUS ACTS, CONDITIONS - FUEL STARVATION								
MISCELLANEOUS ACTS, CONDITIONS - FUEL CONTAMINATION-EXCLUSIVE OF WATER IN FUEL								
POWERPLANT - FUEL SYSTEM - PUMPS								
FACTOR								
TERRAIN - SANDY								
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND								
REMARKS- LOSS OF FUEL PRESSURE DUE TO FOREIGN MATTER HOLDING FUEL PRESSURE REGULATOR VALVE OPEN.								
6-0013	2/10/67 TIME - 0835	NR.GHINNIR, ETHIOPIA	BELL 204-B N-1901R DAMAGE -DESTROYED	CR- PX-	0 0	2 2	COMMERCIAL MAPPING/PHOTO	NONE, AGE 33, UNKNOWN TOTAL HOURS, 6839 IN TYPE.
TYPE OF ACCIDENT				PHASE OF OPERATION				
ENGINE FAILURE OR MALFUNCTION				INFLIGHT NORMAL CRUISE				
HARD LANDING				LANDING POWER-OFF AUTOROTATIVE LANDING				
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND								
PROP/ENGINE VIBRATION								
6-0054	6/8/67 TIME - 1200	ONTARIO, CAN	BELL 47J N-2833B DAMAGE -DESTROYED	CR- PX-	1 2	0 0	MISCELLANEOUS TEST	AGE 46, 2673 TOTAL HOURS, 1 IN TYPE.
TYPE OF ACCIDENT				PHASE OF OPERATION				
ENGINE FAILURE OR MALFUNCTION				INFLIGHT NORMAL CRUISE				
COLLISION WITH GROUND/WATER UNCONTROLLED				INFLIGHT UNCONTROLLED DESCENT				
PROBABLE CAUSE								
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING								
MISCELLANEOUS ACTS, CONDITIONS - INATTENTIVE TO FUEL SUPPLY								
MISCELLANEOUS ACTS, CONDITIONS - FUEL EXHAUSTION								
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS								
FACTOR								
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS								
WEATHER - LOW CEILING								
WEATHER BRIEFING - UNKNOWN								
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT								
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND								
REMARKS- INVESTIGATED AND REPORTED BY GOVT OF CANADA.								

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA
				F	S	M/N		
6-0057	6/15/67 TIME - 2020	MANITOBA,CAN	BRANTLY 305 N-2228U DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 2	NONCOMMERCIAL PLEASURE	PRIVATE, AGE 50, UNKNOWN TOTAL HOURS, 640 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION					
HARD LANDING			LANDING LEVEL OFF/TOUCHDOWN					
ROLL OVER			LANDING LEVEL OFF/TOUCHDOWN					
PROBABLE CAUSE								
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS								
PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS								
REMARKS- INVESTIGATED AND REPORTED BY GOVT OF CANADA.								
6-0064	6/28/67 TIME - 0845	PT.ANTONO,JAMAICA	SIKORSKY S-52-3 N-74817 DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 1	NONCOMMERCIAL CORP/EXEC	COMMERCIAL,FL.INSTR., AGE UNKNOWN, UNKNOWN TOTAL HOURS, UNKNOWN IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION					
PROPELLER/ROTOR FAILURE TAIL ROTOR			INFLIGHT NORMAL CRUISE					
DITCHING			LANDING POWER-OFF AUTOROTATIVE LANDING					
PROBABLE CAUSE								
MISCELLANEOUS UNITS AND ASSEMBLIES - TAIL BOOMS/PYLONS/CONES								
MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE								
FACTOR								
MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER								
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER								
REMARKS- INVESTIGATED AND REPORTED BY GOVT OF JAMAICA. PYLON TUBE FAILED. CRASHED IN KINGSTON HARBOR.								
6-0069	7/2/67 TIME - 1100	ECUADOR,SA	BELL 47G-4 N-6753D DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	COMMERCIAL CONSTRUCTION	COMMERCIAL,FL.INSTR., AGE 47, 13018 TOTAL HOURS, 500 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION					
COLLISION WITH GROUND/WATER UNCONTROLLED			INFLIGHT UNCONTROLLED DESCENT					
REMARKS- INVESTIGATION UNDER JURISDICTION OF GOVT OF ECUADOR.								
6-0082	8/18/67 TIME - 0545	IRAKLION,GREECE	BELL 47G-5 N-1395X DAMAGE -SUBSTANTIAL	CR- PX-	0 0	0 0	COMMERCIAL AERIAL APPLIC	COMMERCIAL,FL.INSTR., AGE 32, 4000 TOTAL HOURS, 2800 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION					
COLLIDED WITH WIRES/POLES			INFLIGHT PULLUP FROM SWATH RUN					
PROBABLE CAUSE								
TERRAIN - HIDDEN OBSTRUCTIONS								
REMARKS- INVESTIGATED AND REPORTED BY GOVT OF GREECE. STRUCK POWER LINES NOT PROPERLY DEFINED.LANDED SAFELY								

BRIEFS OF ACCIDENTS

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA
				F	S	M/N		
6-0090	8/29/67 TIME - 1130	SANTA FE, R.P.	HILLER UH12E4 N-44B DAMAGE - DESTROYED	CR- 0 PX- 0	0 0 0 0	1 2	COMMERCIAL CTR PASSG - I	COMMERCIAL, AGE 49, 10000 TOTAL HOURS, 1500 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION					
ENGINE FAILURE OR MALFUNCTION			INFLIGHT NORMAL CRUISE					
ROLL OVER			LANDING LEVEL OFF/TOUCHDOWN					
REMARKS- INVESTIGATION UNDER THE JURISDICTION OF GOVNT OF REPUBLIC OF PANAMA. ENG FROZE DUE TO NO ENGINE OIL								
6-0097	9/20/67 TIME - 1050	DHAHRAN, S. ARABIA	BELL 47G3B1 N-1341X DAMAGE - DESTROYED	CR- 0 PX- 0	0 0 0 0	1 2	COMMERCIAL CONSTRUCTION	COMMERCIAL, AGE 29, 1988 TOTAL HOURS, 600 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION					
PROPELLER/ROTOR FAILURE TAIL ROTOR			INFLIGHT NORMAL CRUISE					
COLLISION WITH GROUND/WATER UNCONTROLLED			INFLIGHT UNCONTROLLED DESCENT					
FIRE AFTER IMPACT								
REMARKS- INVESTIGATION UNDER JURISDICTION OF GOVT OF SAUDIA ARBIA								
6-0128	9/7/67 TIME - 1510	ANDROS IW, BAHAMAS	BELL 206A N-7827S DAMAGE - SUBSTANTIAL	CR- 0 PX- 0	0 0 0 0	1 4	COMMERCIAL MAPPING/PHOTO	COMMERCIAL, FL. INSTR., AGE 52, 15593 TOTAL HOURS, 225 IN TYPE.
TYPE OF ACCIDENT			PHASE OF OPERATION					
ENGINE FAILURE OR MALFUNCTION			INFLIGHT NORMAL CRUISE					
HARD LANDING			LANDING POWER-ON LANDING					
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND								
REMARKS- INVESTIGATION UNDER THE JURISDICTION OF BAHAMAS GOVERNMENT.								

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